

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088432.D
 Acq On : 03 Dec 2025 16:17
 Operator : JC\MD
 Sample : VN1203WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Quant Time: Dec 04 00:22:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	250101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	473571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	423667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	214103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	258504	54.868	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.740%			
35) Dibromofluoromethane	8.147	113	170328	51.900	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.800%			
50) Toluene-d8	10.547	98	634377	51.952	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.829	95	218669	52.191	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	81999	21.828	ug/l	98
3) Chloromethane	2.383	50	81497	20.200	ug/l	98
4) Vinyl Chloride	2.536	62	84304	20.539	ug/l	95
5) Bromomethane	2.983	94	39841	20.168	ug/l	100
6) Chloroethane	3.142	64	52131	20.524	ug/l	88
7) Trichlorofluoromethane	3.518	101	126368	21.906	ug/l	99
8) Diethyl Ether	3.959	74	46608	21.526	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	66725	21.727	ug/l	100
10) Methyl Iodide	4.583	142	51913	17.076	ug/l	98
11) Tert butyl alcohol	5.518	59	69415	92.282	ug/l	97
12) 1,1-Dichloroethene	4.342	96	64784	21.232	ug/l	93
13) Acrolein	4.183	56	88085	122.316	ug/l	99
14) Allyl chloride	5.012	41	115902	20.494	ug/l	97
15) Acrylonitrile	5.712	53	227954	105.036	ug/l	97
16) Acetone	4.418	43	244436	143.458	ug/l	96
17) Carbon Disulfide	4.706	76	200528	20.111	ug/l #	95
18) Methyl Acetate	5.024	43	118332	23.331	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	236697	20.705	ug/l	98
20) Methylene Chloride	5.265	84	76028	20.855	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	68780	20.349	ug/l	95
22) Diisopropyl ether	6.653	45	266704	22.089	ug/l #	94
23) Vinyl Acetate	6.588	43	1164465	119.703	ug/l	97
24) 1,1-Dichloroethane	6.559	63	147767	21.611	ug/l	99
25) 2-Butanone	7.471	43	326935	119.354	ug/l	96
26) 2,2-Dichloropropane	7.471	77	122234	20.711	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	81731	20.806	ug/l	98
28) Bromochloromethane	7.794	49	78944	23.177	ug/l	97
29) Tetrahydrofuran	7.824	42	210835	107.309	ug/l	98
30) Chloroform	7.947	83	149314	22.224	ug/l	91
31) Cyclohexane	8.241	56	125860	20.312	ug/l	94
32) 1,1,1-Trichloroethane	8.147	97	129487	21.919	ug/l	96
36) 1,1-Dichloropropene	8.353	75	99068	19.560	ug/l	99
37) Ethyl Acetate	7.541	43	138649	20.819	ug/l	99
38) Carbon Tetrachloride	8.341	117	105371	20.898	ug/l	96
39) Methylcyclohexane	9.582	83	101432	18.723	ug/l	94
40) Benzene	8.588	78	299926	20.176	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	67759	20.542	ug/l	98
42) 1,2-Dichloroethane	8.647	62	126828	22.362	ug/l	99
43) Isopropyl Acetate	8.671	43	204303	20.078	ug/l	100
44) Trichloroethene	9.335	130	66882	19.041	ug/l	99
45) 1,2-Dichloropropane	9.600	63	80741	21.199	ug/l	95
46) Dibromomethane	9.688	93	58631	21.571	ug/l	98
47) Bromodichloromethane	9.871	83	117197	21.132	ug/l	93
48) Methyl methacrylate	9.665	41	95681	20.609	ug/l	97
49) 1,4-Dioxane	9.677	88	20393	345.396	ug/l #	88
51) 4-Methyl-2-Pentanone	10.424	43	656411	109.445	ug/l	98
52) Toluene	10.606	92	182595	21.272	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	114495	20.113	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	123356	20.605	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	71038	21.390	ug/l	98
56) Ethyl methacrylate	10.853	69	110151	20.998	ug/l	96
57) 1,3-Dichloropropane	11.141	76	128913	21.517	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	286552	94.749	ug/l	100
59) 2-Hexanone	11.176	43	412680	109.226	ug/l	100
60) Dibromochloromethane	11.335	129	81410	21.503	ug/l	100
61) 1,2-Dibromoethane	11.447	107	70205	20.876	ug/l	99
64) Tetrachloroethene	11.076	164	55998	16.673	ug/l	96
65) Chlorobenzene	11.870	112	191798	20.154	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.935	131	67516	21.036	ug/l	99
67) Ethyl Benzene	11.941	91	333864	20.073	ug/l	99
68) m/p-Xylenes	12.047	106	246899	40.037	ug/l	94
69) o-Xylene	12.376	106	118643	20.180	ug/l	98
70) Styrene	12.388	104	194030	20.325	ug/l	98
71) Bromoform	12.559	173	49639	21.115	ug/l #	100
73) Isopropylbenzene	12.670	105	303830	19.193	ug/l	98
74) N-amyl acetate	12.670	43	93651m	17.371	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	101816	19.895	ug/l	93
76) 1,2,3-Trichloropropane	12.970	75	86438m	17.237	ug/l	
77) Bromobenzene	12.953	156	73974	20.423	ug/l	98
78) n-propylbenzene	13.012	91	384189	19.838	ug/l	98
79) 2-Chlorotoluene	13.100	91	227899	19.270	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	258850	19.733	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	30488	17.248	ug/l #	96
82) 4-Chlorotoluene	13.200	91	237099	20.185	ug/l	99
83) tert-Butylbenzene	13.417	119	214026	19.193	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	260658	19.991	ug/l	98
85) sec-Butylbenzene	13.594	105	310564	19.386	ug/l	100
86) p-Isopropyltoluene	13.706	119	257654	19.614	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	140444	19.919	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	145470	19.696	ug/l	98
89) n-Butylbenzene	14.035	91	242333	19.000	ug/l	98
90) Hexachloroethane	14.306	117	48032	20.016	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	131671	19.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22261	17.928	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	69170	17.545	ug/l	95
94) Hexachlorobutadiene	15.470	225	26725	18.864	ug/l	98
95) Naphthalene	15.611	128	243313	17.810	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	71458	18.625	ug/l	98

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MSVOA_N
ClientSampleId :
VN1203WBSD01

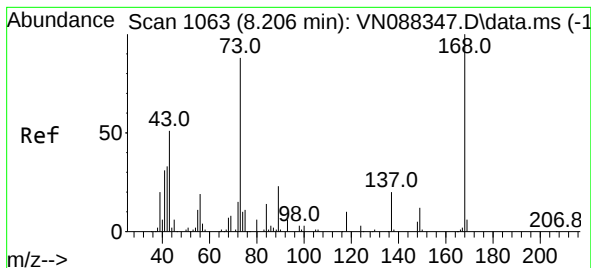
Manual Integrations
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Supervised By :Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 00:22:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion:168 Resp: 25010

Ion Ratio Lower Upper

168 100

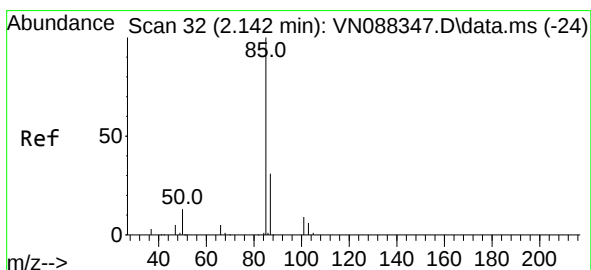
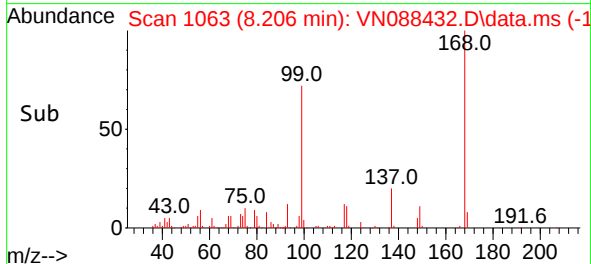
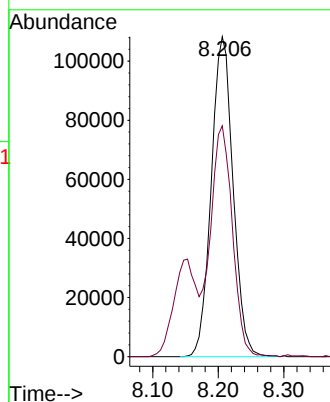
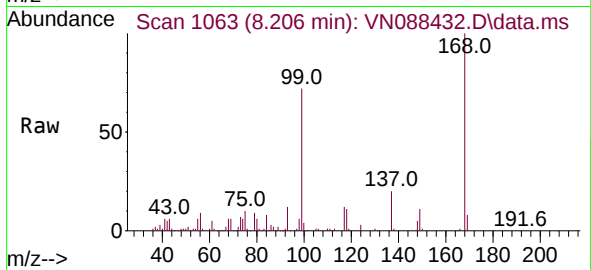
99 72.1 57.1 85.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 21.828 ug/l

RT: 2.142 min Scan# 32

Delta R.T. 0.000 min

Lab File: VN088432.D

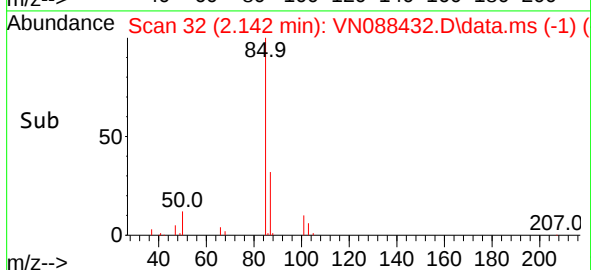
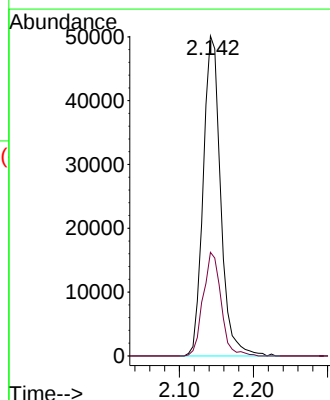
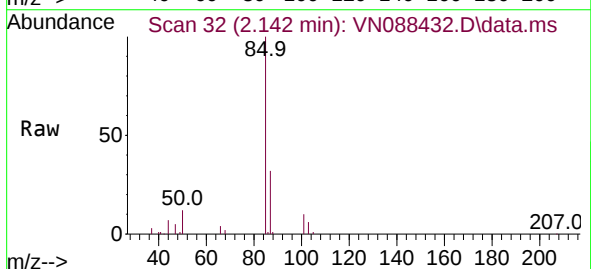
Acq: 03 Dec 2025 16:17

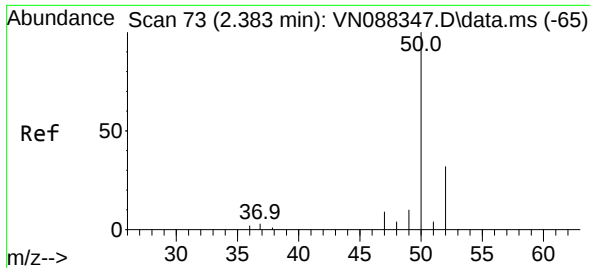
Tgt Ion: 85 Resp: 81999

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.7





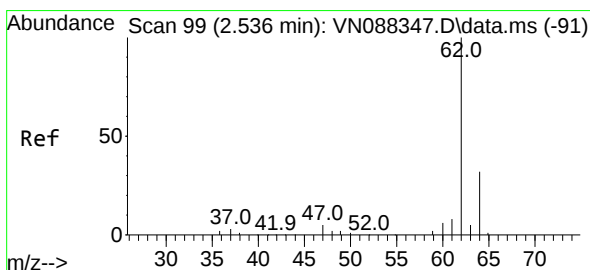
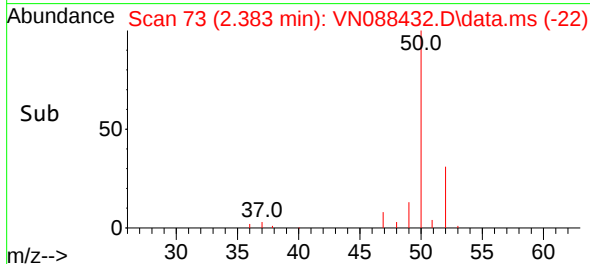
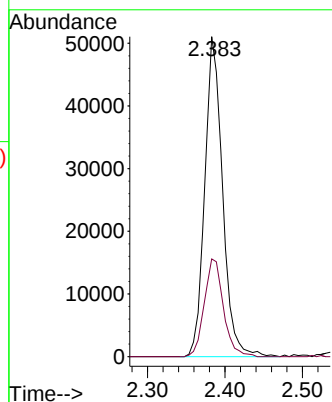
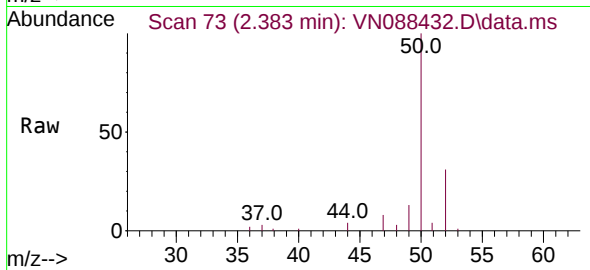
#3
Chloromethane
Concen: 20.200 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tgt Ion: 50 Resp: 81497
Ion Ratio Lower Upper
50 100
52 30.5 25.2 37.8

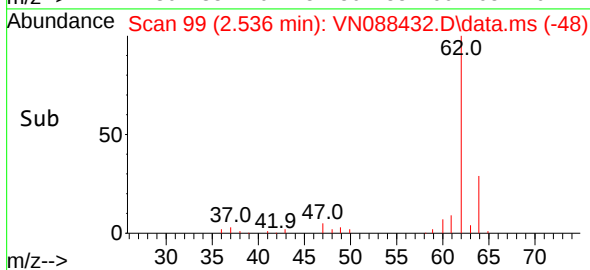
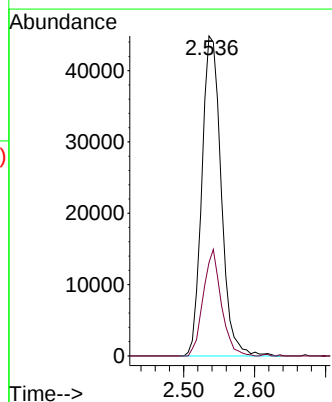
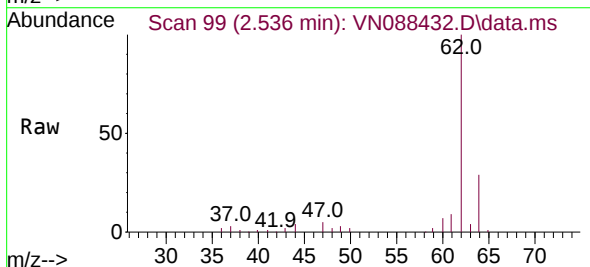
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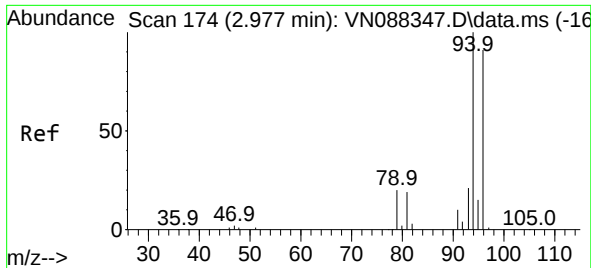
Reviewed By :John Carlone 12/04/2025
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#4
Vinyl Chloride
Concen: 20.539 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

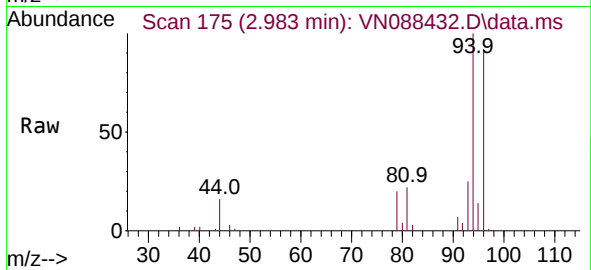
Tgt Ion: 62 Resp: 84304
Ion Ratio Lower Upper
62 100
64 29.2 25.4 38.2





#5
Bromomethane
Concen: 20.168 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

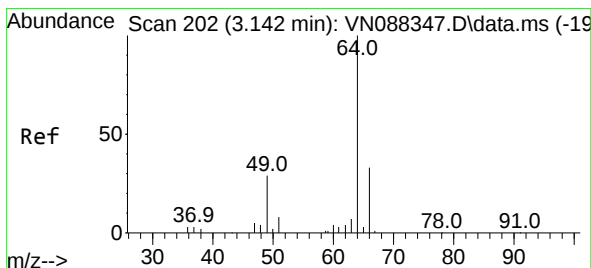
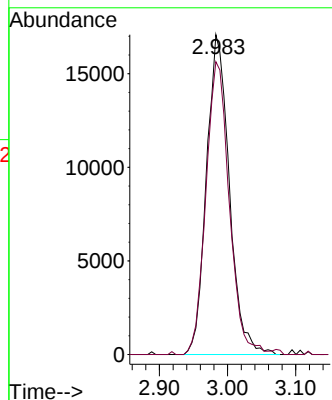
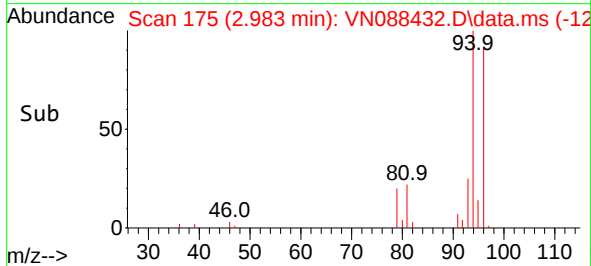
Instrument :
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Tgt Ion: 94 Resp: 3984
Ion Ratio Lower Upper
94 100
96 91.5 73.2 109.8

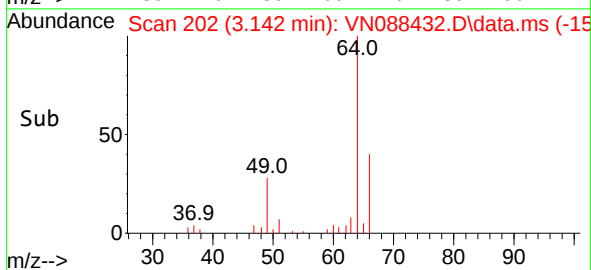
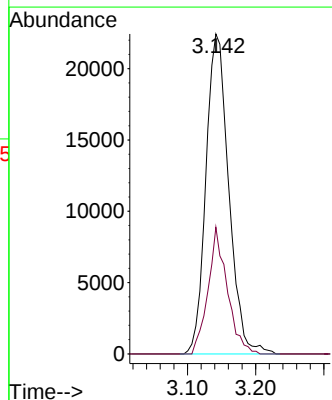
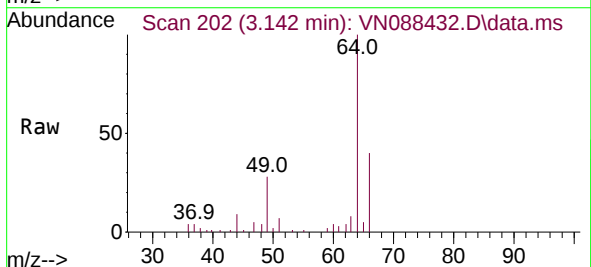
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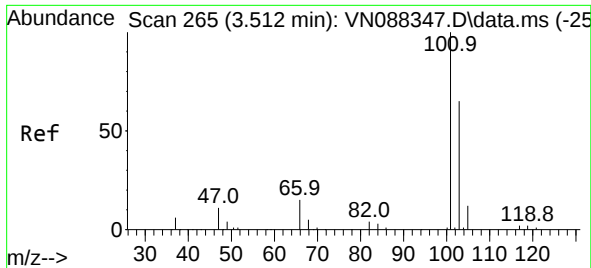
Reviewed By :John Carlone 12/04/2025
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#6
Chloroethane
Concen: 20.524 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088432.D
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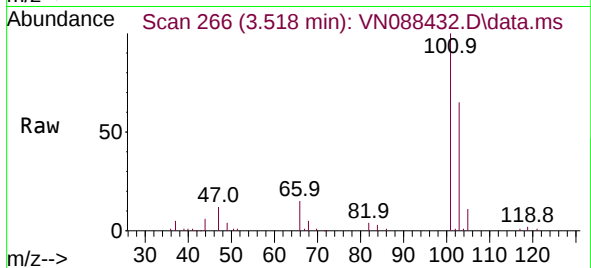
Tgt Ion: 64 Resp: 52131
Ion Ratio Lower Upper
64 100
66 39.6 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 21.906 ug/l
 RT: 3.518 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN088432.D
 Acq: 03 Dec 2025 16:17

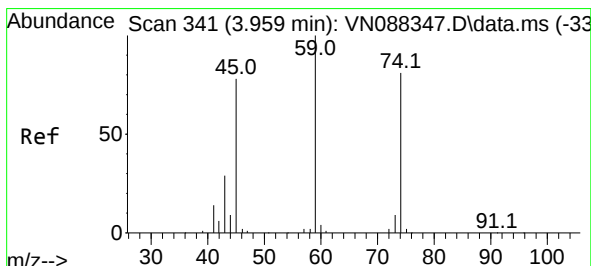
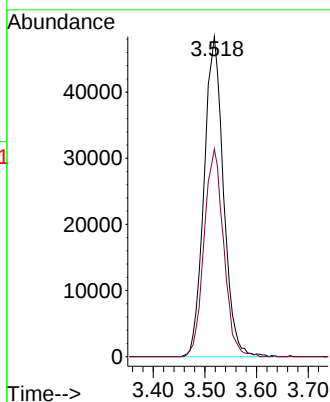
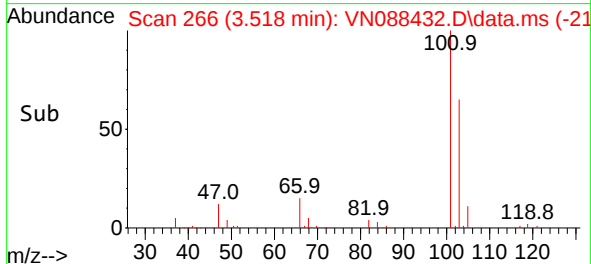
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01



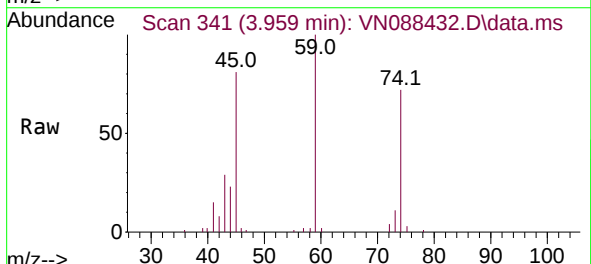
Tgt Ion:101 Resp: 126368
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5

Manual Integrations
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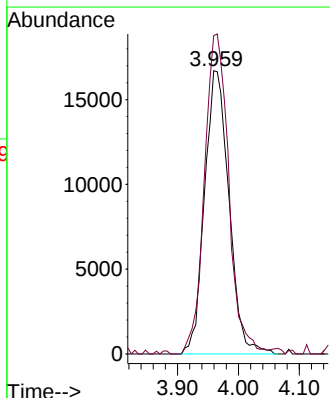
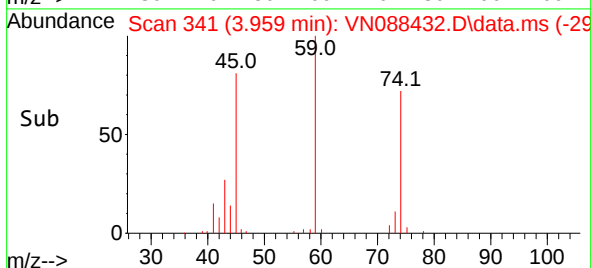
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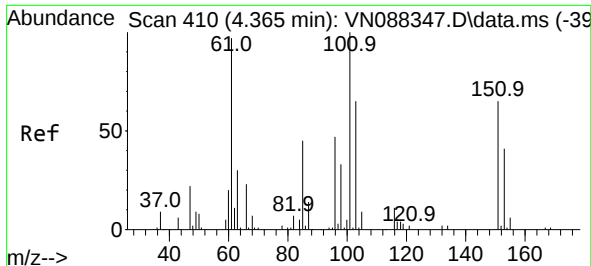


#8
 Diethyl Ether
 Concen: 21.526 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088432.D
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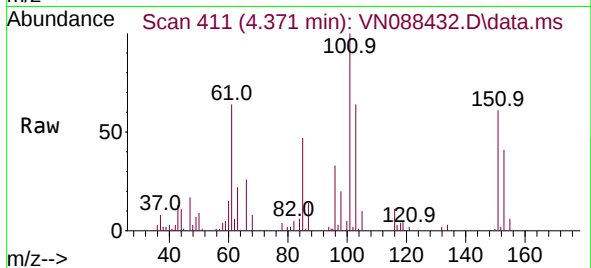
Tgt Ion: 74 Resp: 46608
 Ion Ratio Lower Upper
 74 100
 45 112.0 54.2 162.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.727 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088432.D
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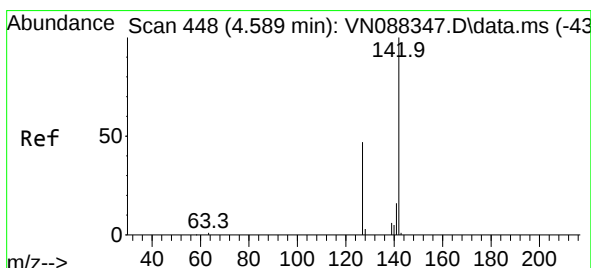
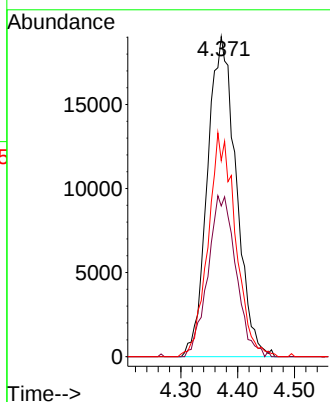
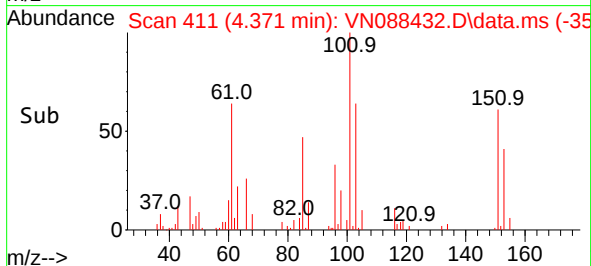
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:101 Resp: 66725
Ion Ratio Lower Upper
101 100
85 49.3 39.2 58.8
151 66.8 53.6 80.4

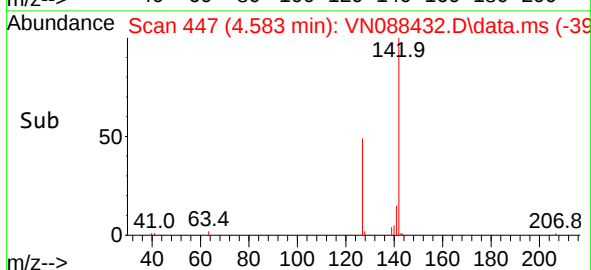
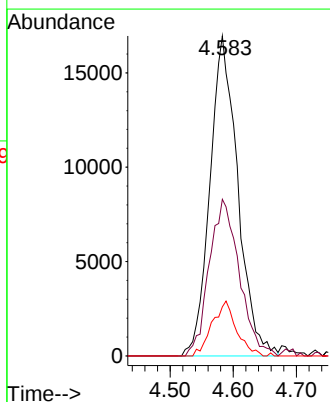
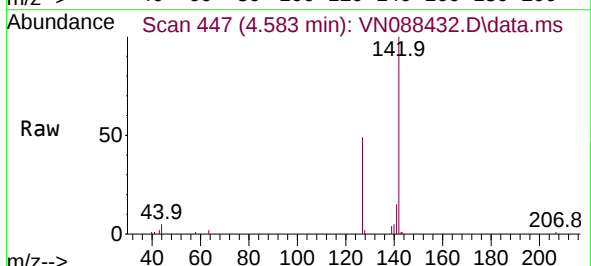
Manual Integrations
APPROVED

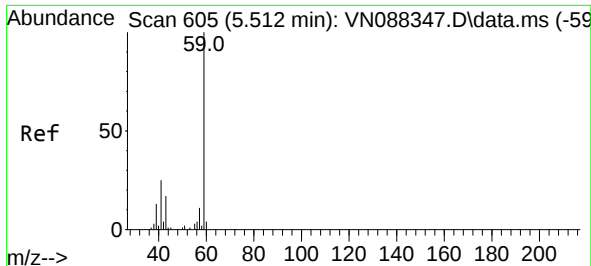
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 17.076 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

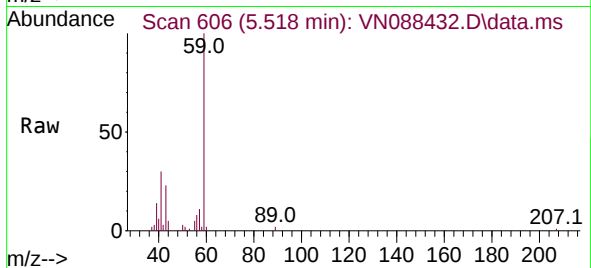
Tgt Ion:142 Resp: 51913
Ion Ratio Lower Upper
142 100
127 48.9 37.9 56.9
141 15.3 12.4 18.6





#11
Tert butyl alcohol
Concen: 92.282 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

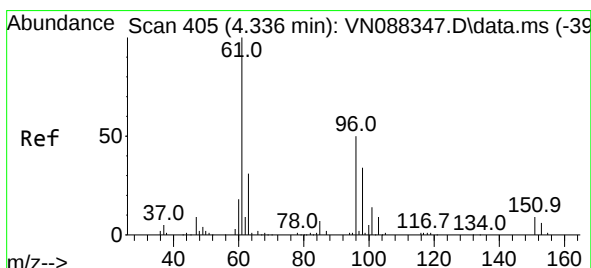
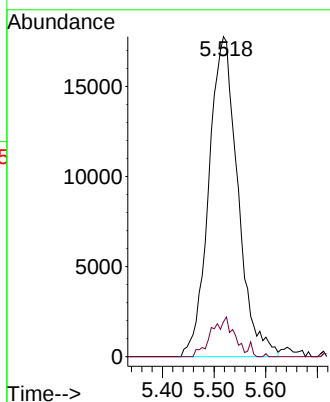
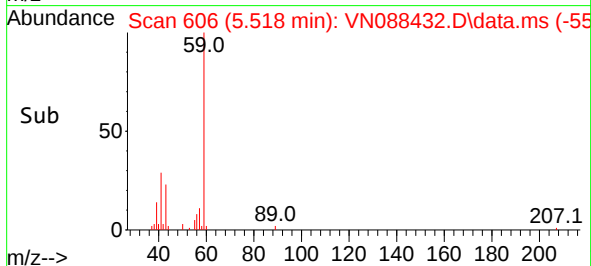
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



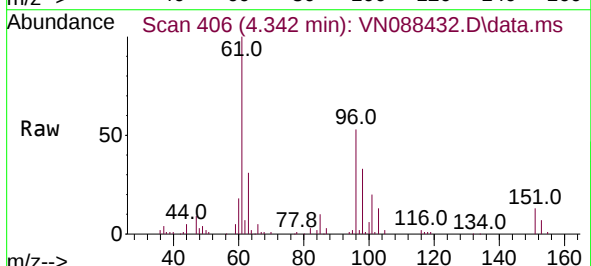
Tgt Ion: 59 Resp: 69415
Ion Ratio Lower Upper
59 100
57 9.6 8.5 12.7

Manual Integrations
APPROVED

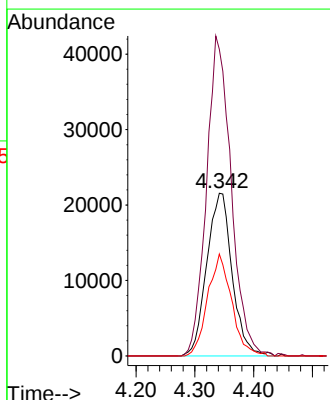
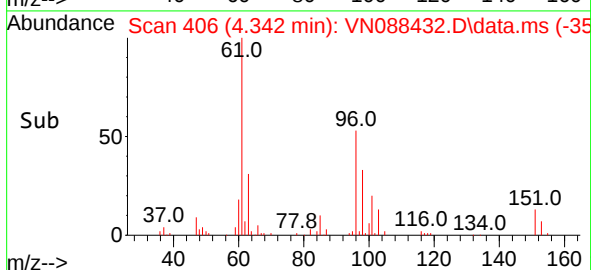
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

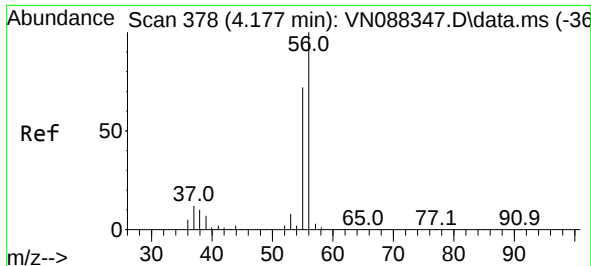


#12
1,1-Dichloroethene
Concen: 21.232 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17



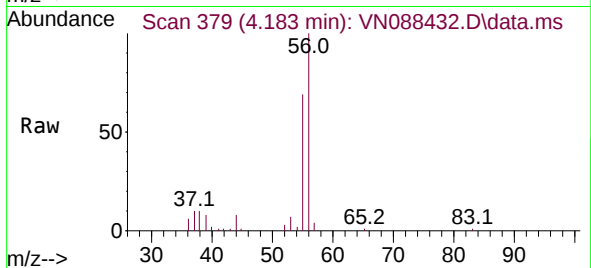
Tgt Ion: 96 Resp: 64784
Ion Ratio Lower Upper
96 100
61 188.5 159.1 238.7
98 62.6 53.7 80.5





#13
Acrolein
Concen: 122.316 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

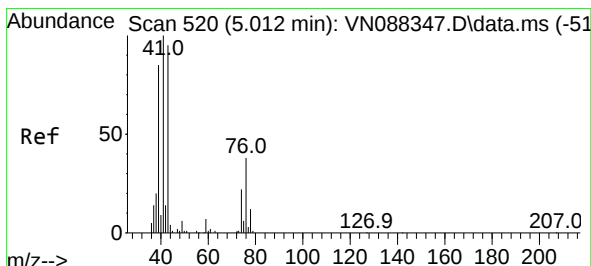
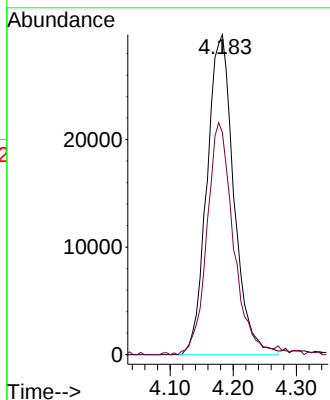
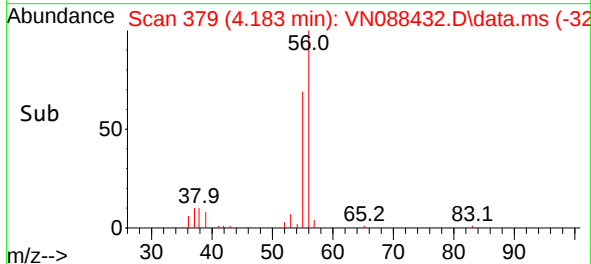
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 56 Resp: 88085
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5

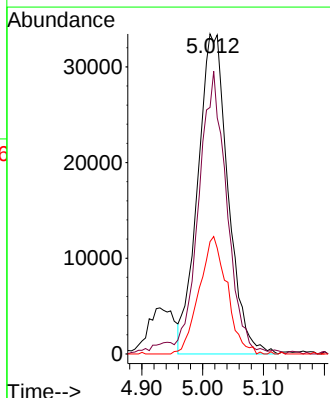
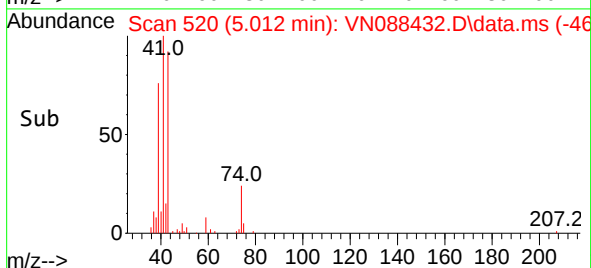
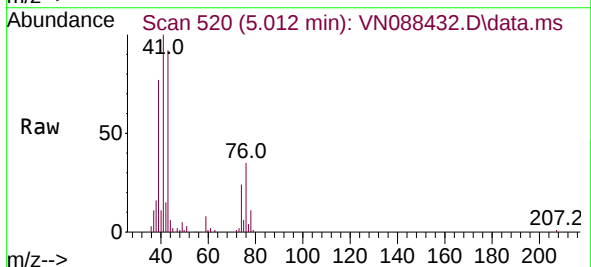
Manual Integrations
APPROVED

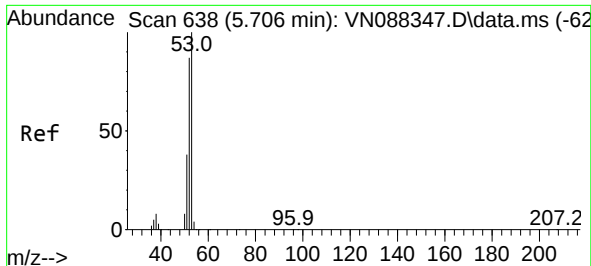
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 20.494 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

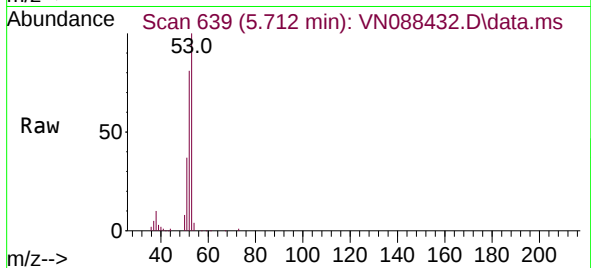
Tgt Ion: 41 Resp: 115902
Ion Ratio Lower Upper
41 100
39 79.3 64.7 97.1
76 33.6 29.1 43.7





#15
Acrylonitrile
Concen: 105.036 ug/l
RT: 5.712 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

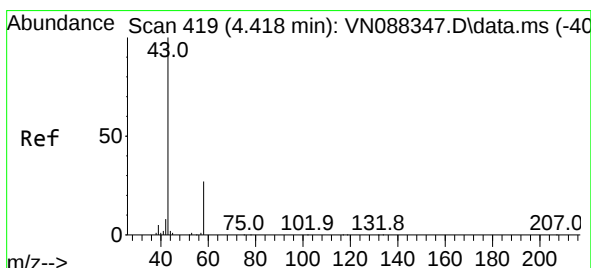
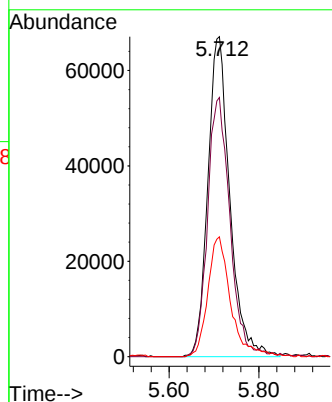
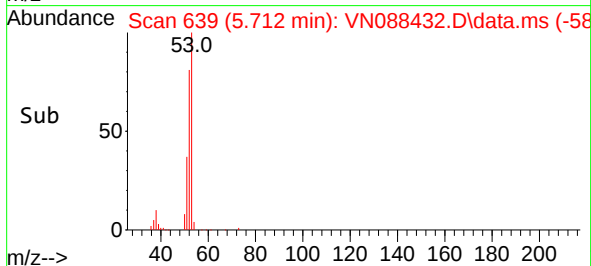
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 53 Resp: 227954
Ion Ratio Lower Upper
53 100
52 82.5 67.8 101.6
51 39.0 29.8 44.8

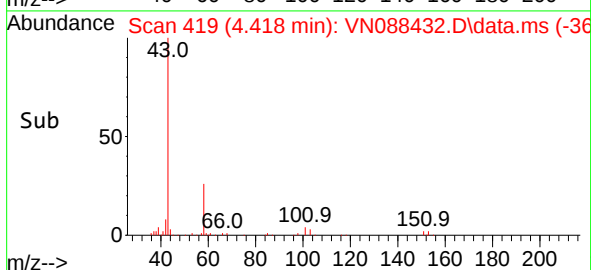
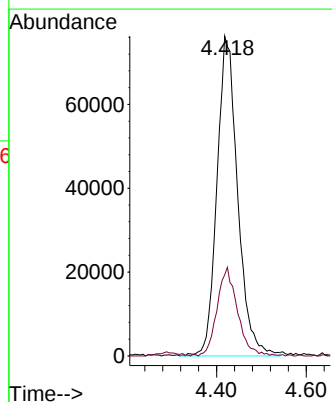
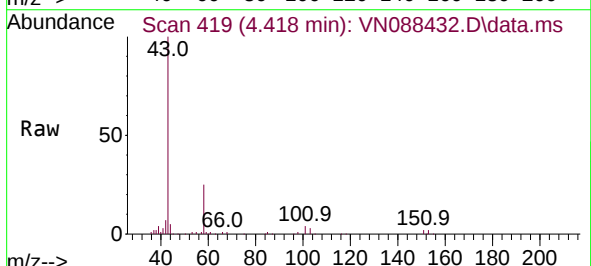
Manual Integrations
APPROVED

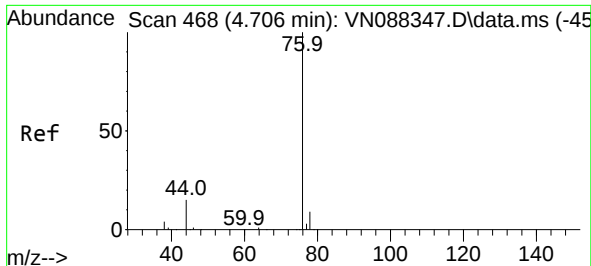
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 143.458 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Tgt Ion: 43 Resp: 244436
Ion Ratio Lower Upper
43 100
58 25.1 21.7 32.5





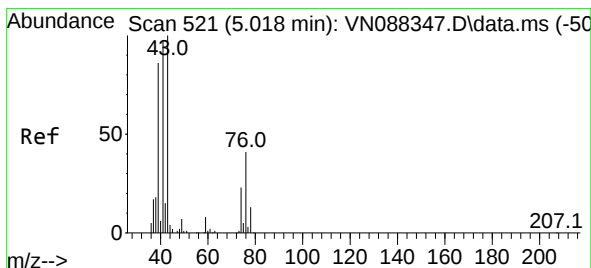
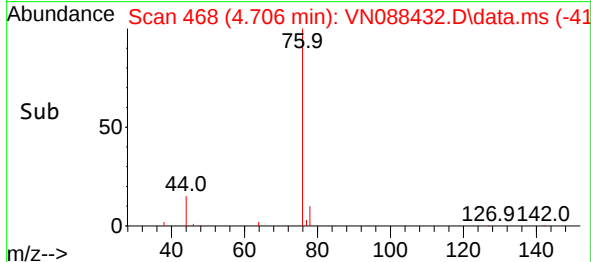
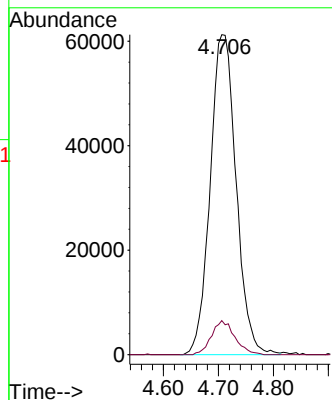
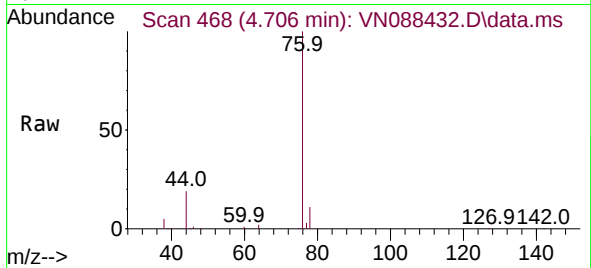
#17
Carbon Disulfide
Concen: 20.111 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tgt Ion: 76 Resp: 200528
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.4

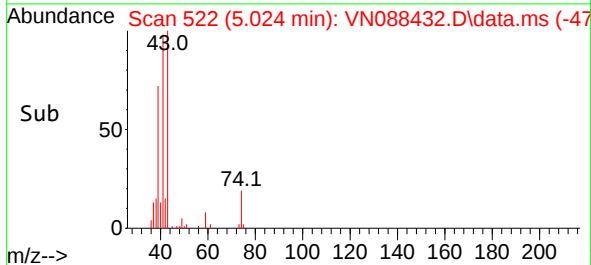
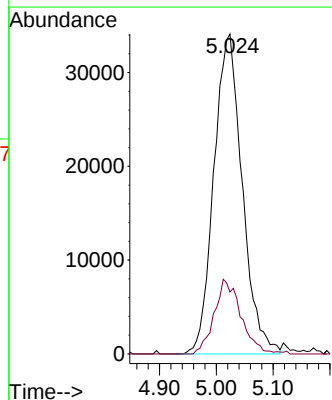
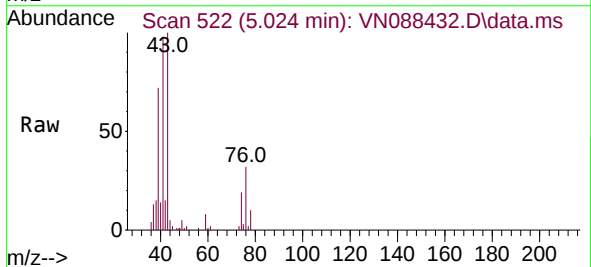
Manual Integrations
APPROVED

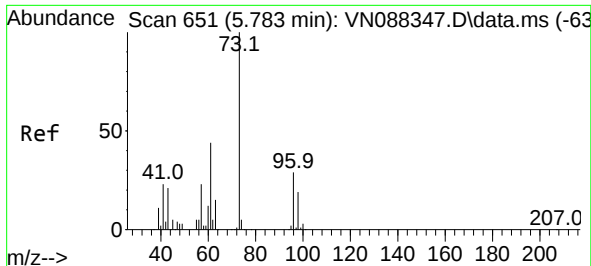
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 23.331 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Tgt Ion: 43 Resp: 118332
Ion Ratio Lower Upper
43 100
74 21.9 17.9 26.9





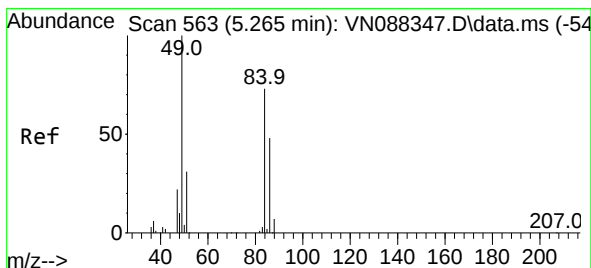
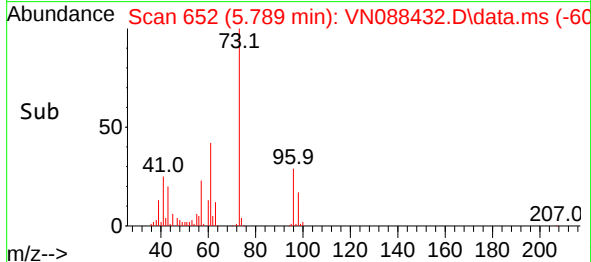
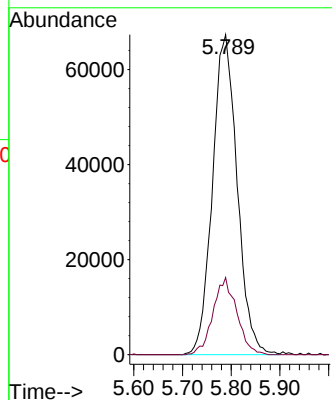
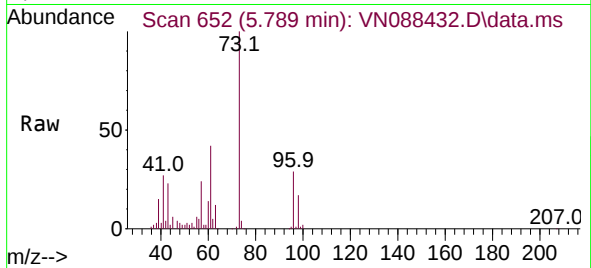
#19
Methyl tert-butyl Ether
Concen: 20.705 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tgt Ion: 73 Resp: 23669
Ion Ratio Lower Upper
73 100
57 24.1 18.6 28.0

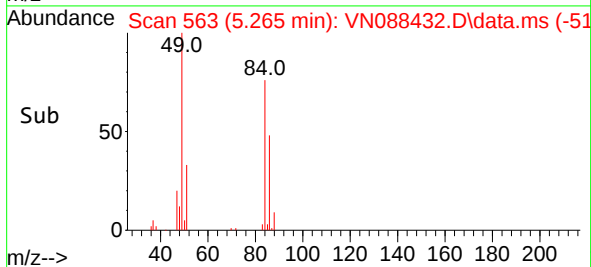
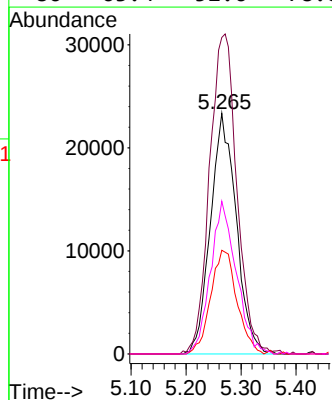
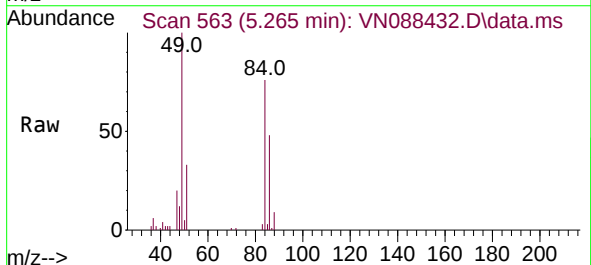
Manual Integrations
APPROVED

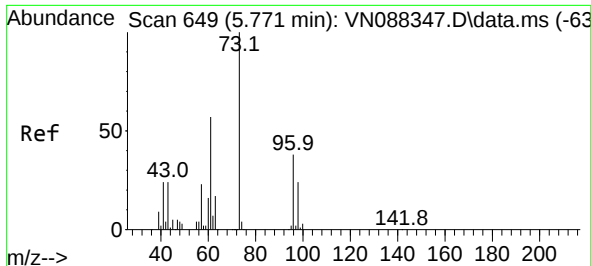
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 20.855 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

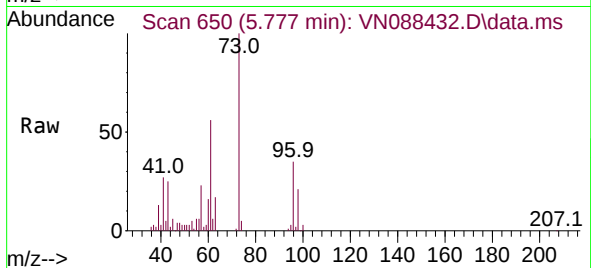
Tgt Ion: 84 Resp: 76028
Ion Ratio Lower Upper
84 100
49 131.6 110.2 165.2
51 43.1 34.1 51.1
86 63.4 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 20.349 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

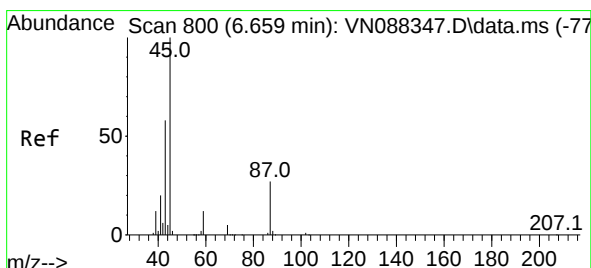
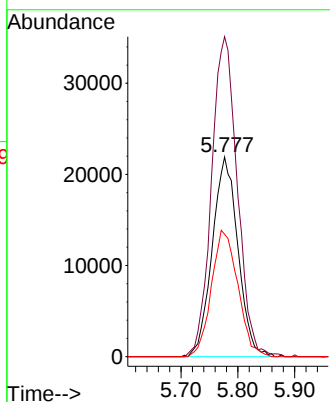
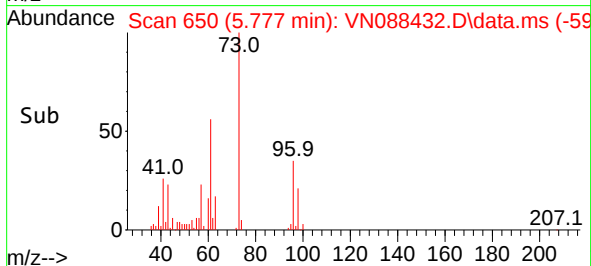
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 96 Resp: 68780
Ion Ratio Lower Upper
96 100
61 160.3 122.4 183.6
98 61.3 50.9 76.3

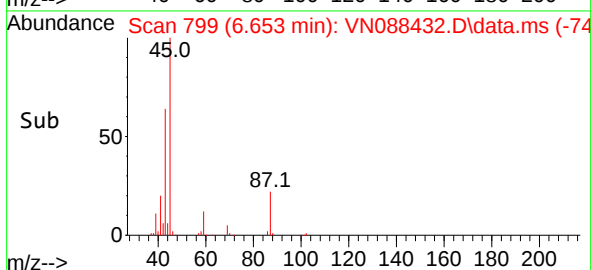
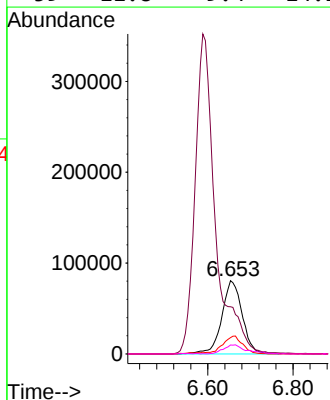
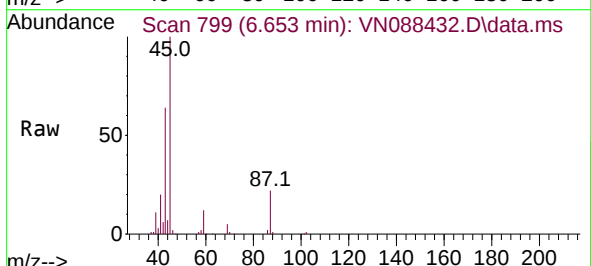
Manual Integrations
APPROVED

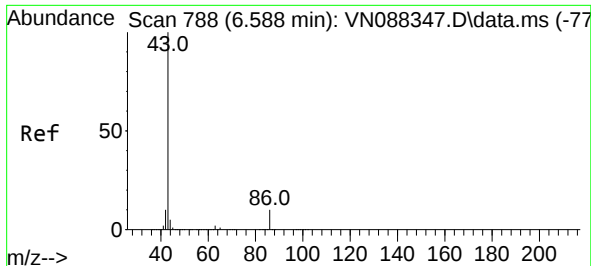
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 22.089 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

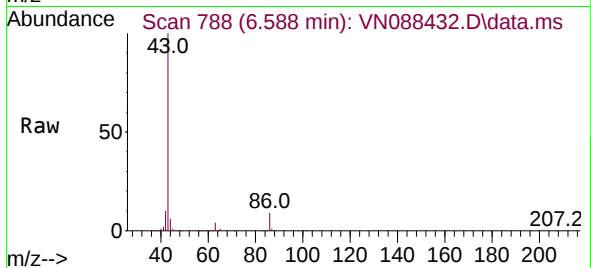
Tgt Ion: 45 Resp: 266704
Ion Ratio Lower Upper
45 100
43 62.9 47.4 71.2
87 21.8 21.9 32.9#
59 11.8 9.4 14.2





#23
 Vinyl Acetate
 Concen: 119.703 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088432.D
 Acq: 03 Dec 2025 16:17

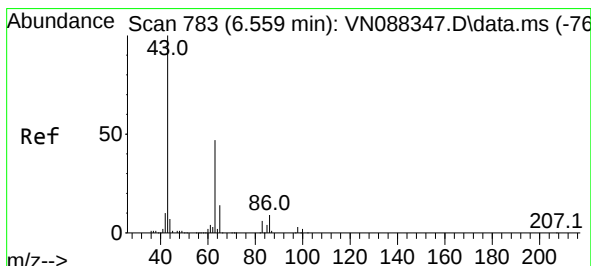
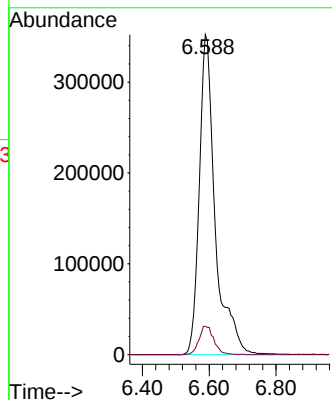
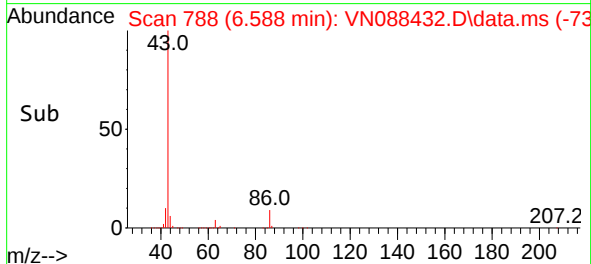
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01



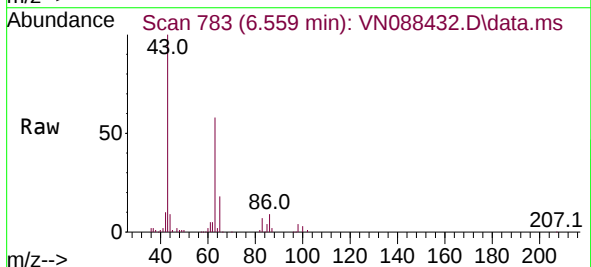
Tgt Ion: 43 Resp: 116446
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.8 11.8

Manual Integrations
 APPROVED

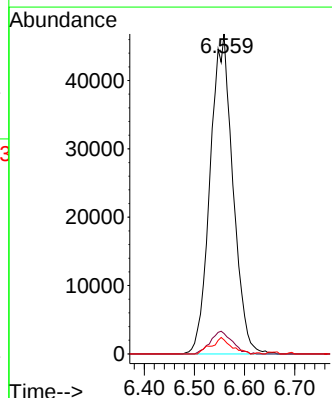
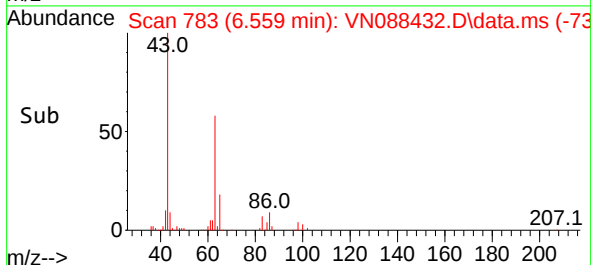
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

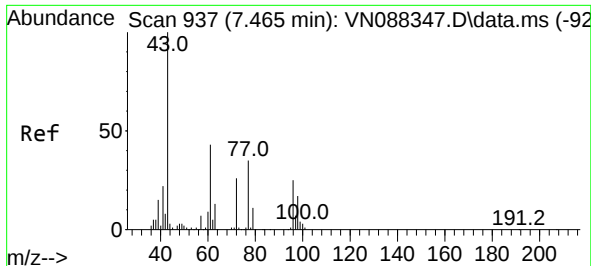


#24
 1,1-Dichloroethane
 Concen: 21.611 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN088432.D
 Acq: 03 Dec 2025 16:17



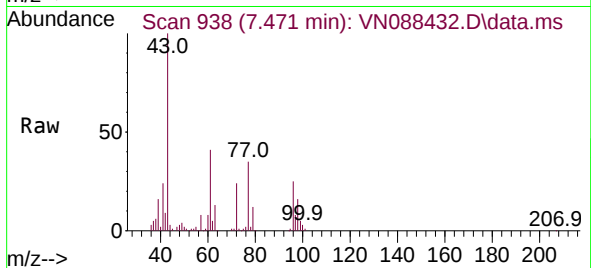
Tgt Ion: 63 Resp: 147767
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.4 1.9 5.7





#25
2-Butanone
Concen: 119.354 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

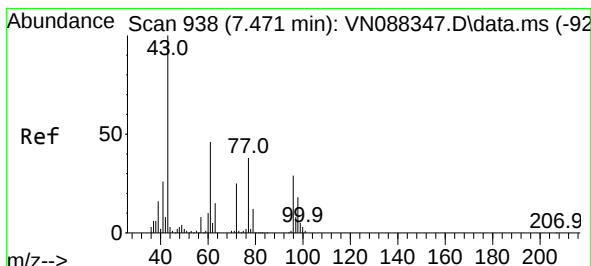
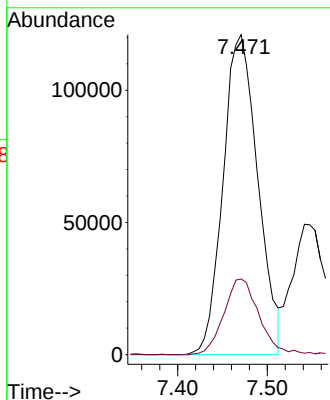
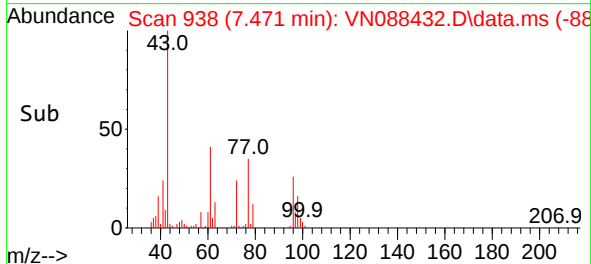
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 43 Resp: 326935
Ion Ratio Lower Upper
43 100
72 23.6 20.5 30.7

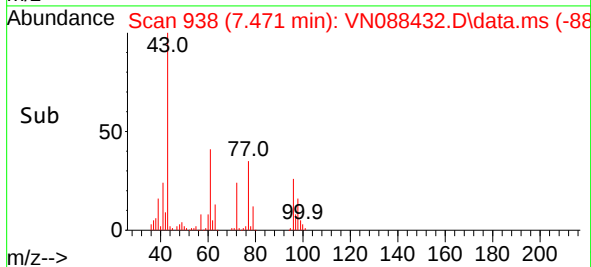
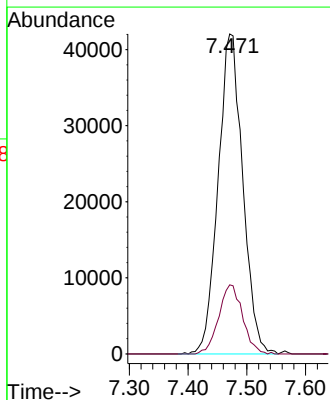
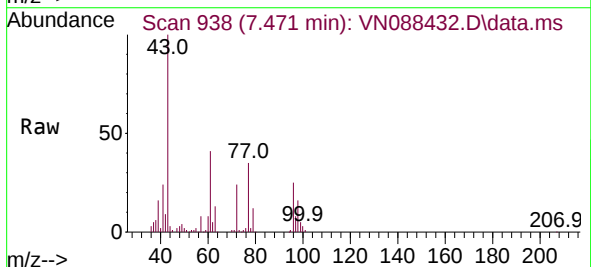
Manual Integrations
APPROVED

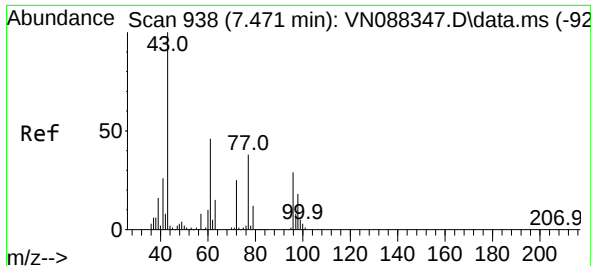
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 20.711 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Tgt Ion: 77 Resp: 122234
Ion Ratio Lower Upper
77 100
97 20.9 10.3 30.9





#27

cis-1,2-Dichloroethene

Concen: 20.806 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

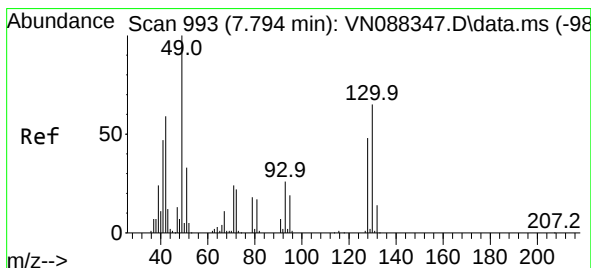
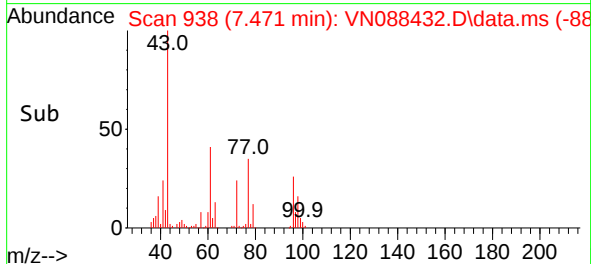
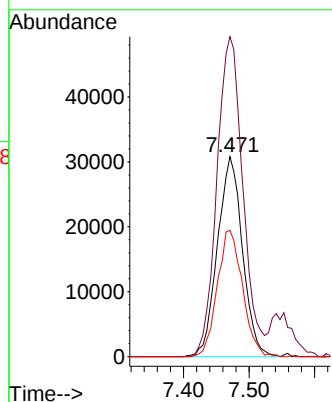
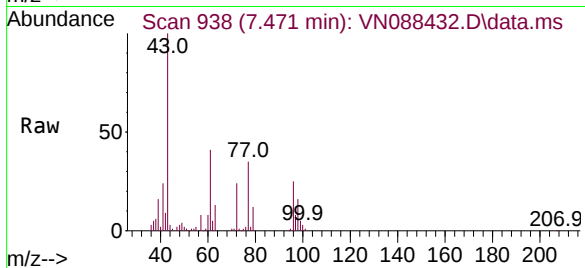
Tgt Ion: 96	Resp: 81731
Ion Ratio	Lower Upper
96 100	
61 165.9	0.0 323.6
98 63.6	0.0 127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#28

Bromochloromethane

Concen: 23.177 ug/l

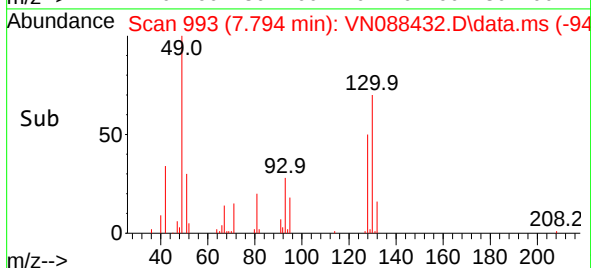
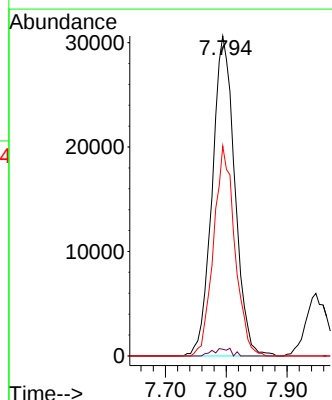
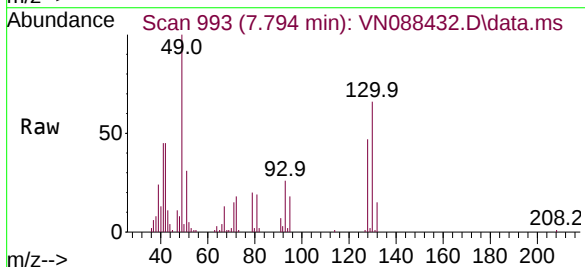
RT: 7.794 min Scan# 993

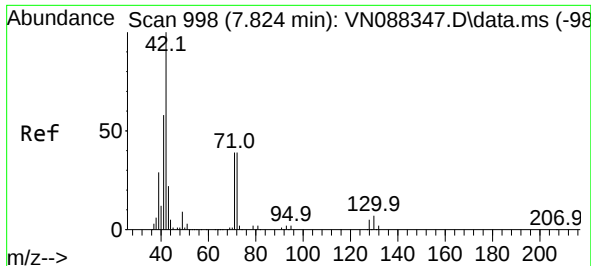
Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

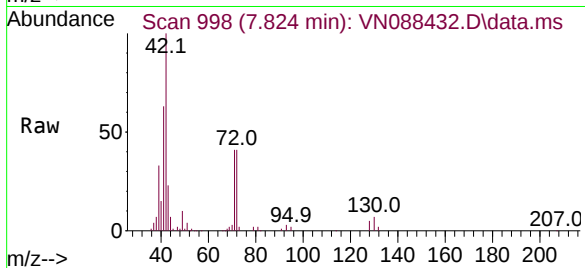
Tgt Ion: 49	Resp: 78944
Ion Ratio	Lower Upper
49 100	
129 1.9	0.0 3.6
130 61.6	51.1 76.7





#29
Tetrahydrofuran
Concen: 107.309 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

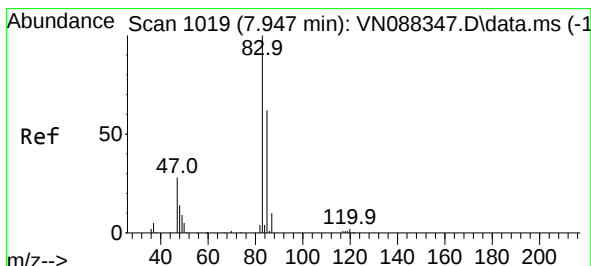
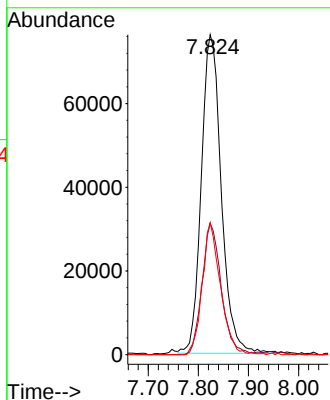
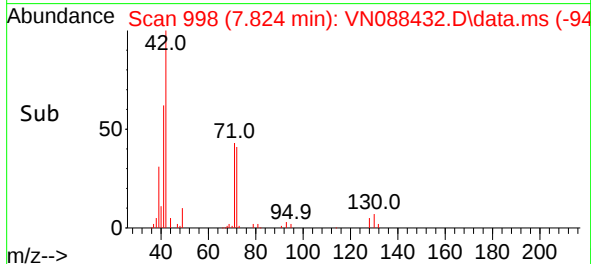
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



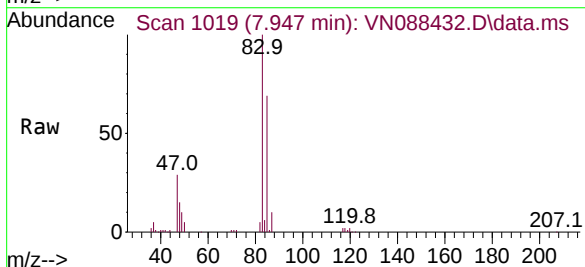
Tgt Ion: 42 Resp: 210835
Ion Ratio Lower Upper
42 100
72 39.4 32.2 48.4
71 37.8 31.1 46.7

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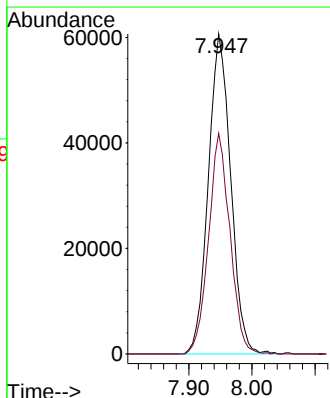
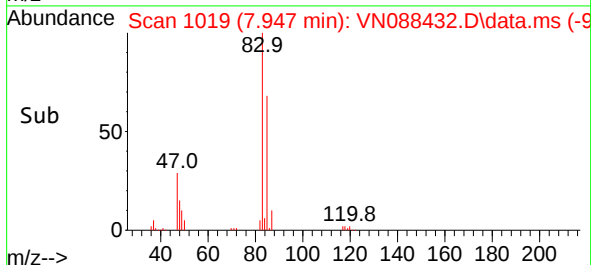
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

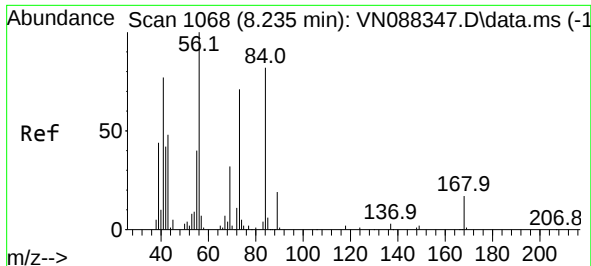


#30
Chloroform
Concen: 22.224 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17



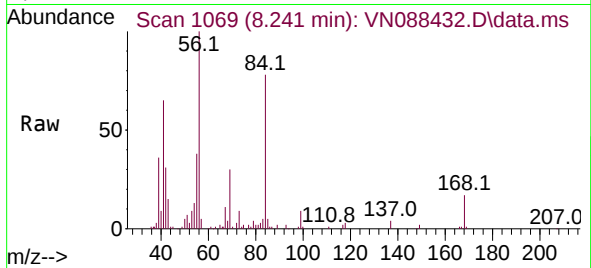
Tgt Ion: 83 Resp: 149314
Ion Ratio Lower Upper
83 100
85 68.9 49.8 74.8





#31
Cyclohexane
Concen: 20.312 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

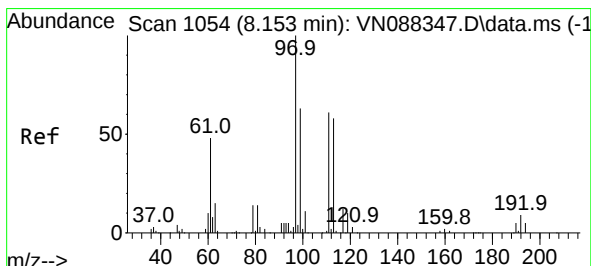
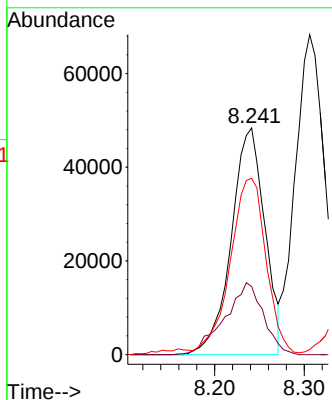
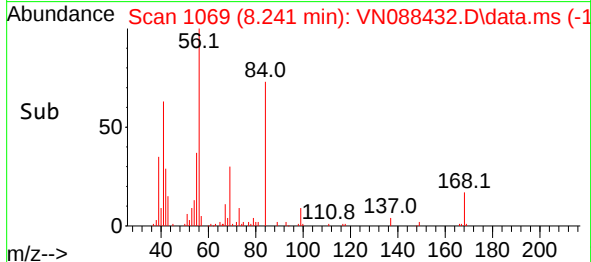
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 56 Resp: 125860
Ion Ratio Lower Upper
56 100
69 29.7 25.3 37.9
84 75.3 65.4 98.2

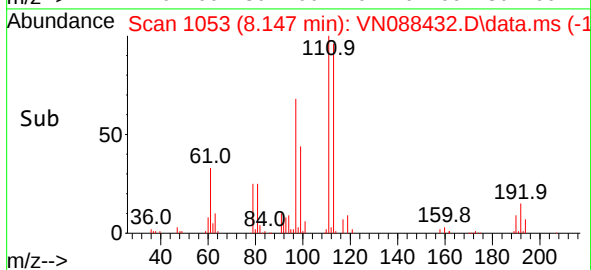
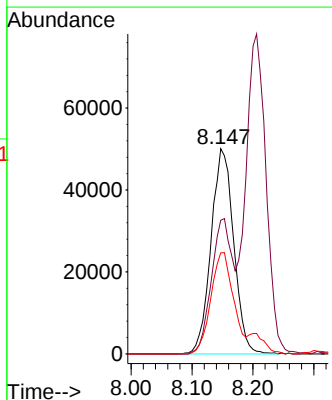
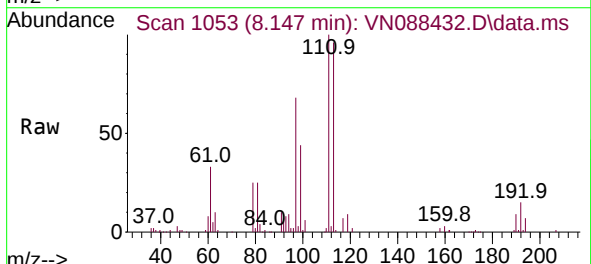
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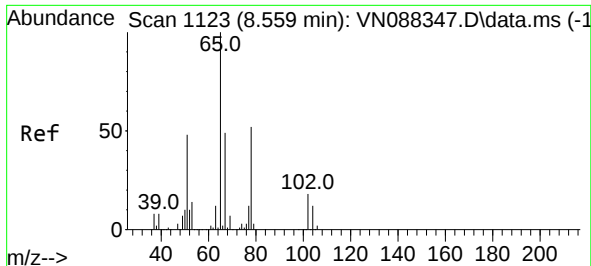
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#32
1,1,1-Trichloroethane
Concen: 21.919 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Tgt Ion: 97 Resp: 129487
Ion Ratio Lower Upper
97 100
99 61.0 50.8 76.2
61 49.5 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 54.868 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion: 65 Resp: 258504

Ion Ratio Lower Upper

65 100

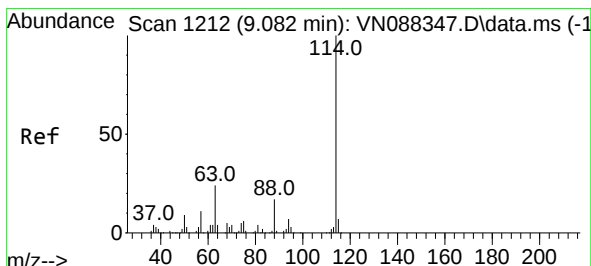
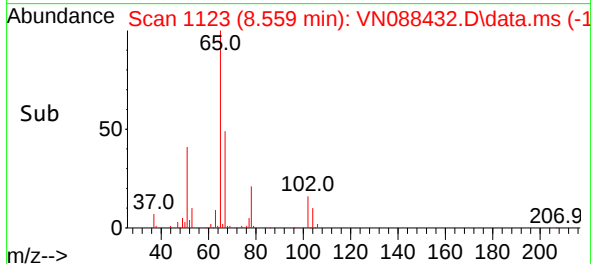
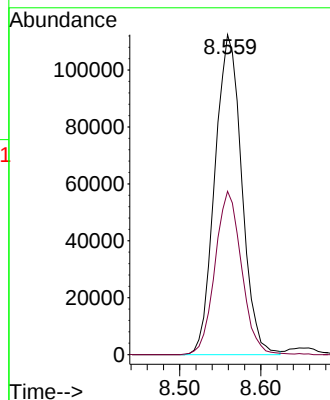
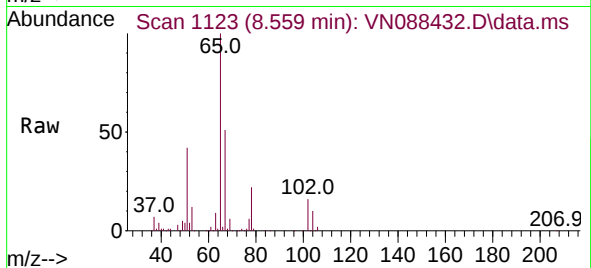
67 50.4 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

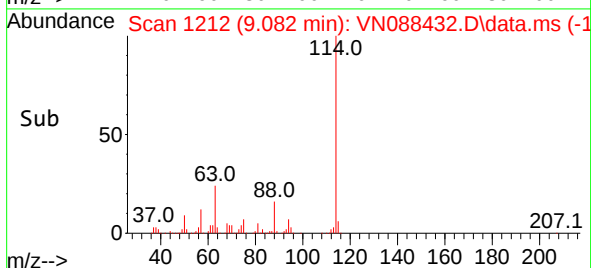
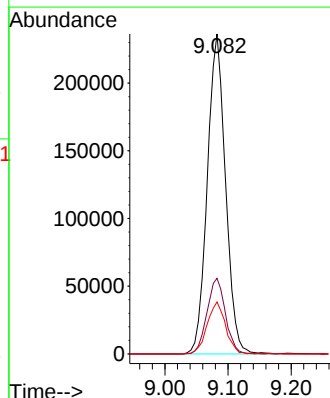
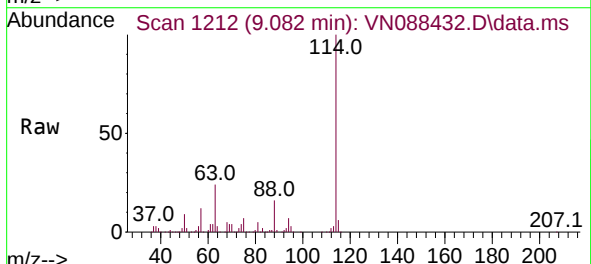
Tgt Ion:114 Resp: 473571

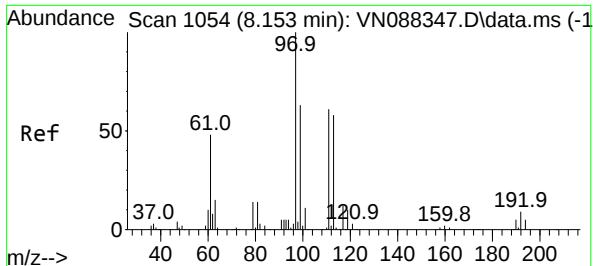
Ion Ratio Lower Upper

114 100

63 23.6 0.0 49.0

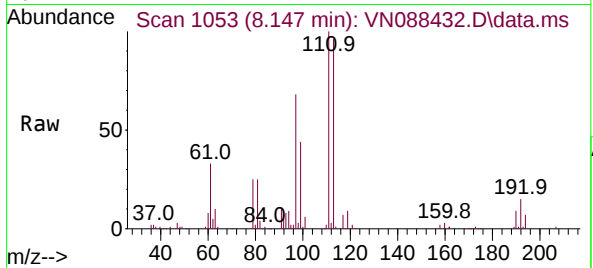
88 16.2 0.0 34.0





#35
Dibromofluoromethane
Concen: 51.900 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

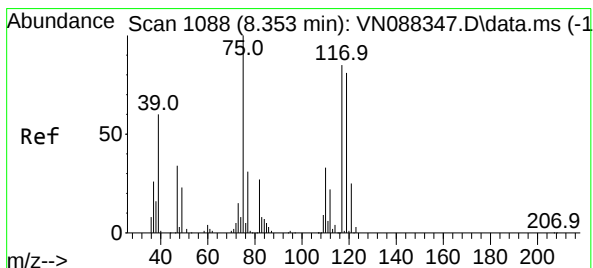
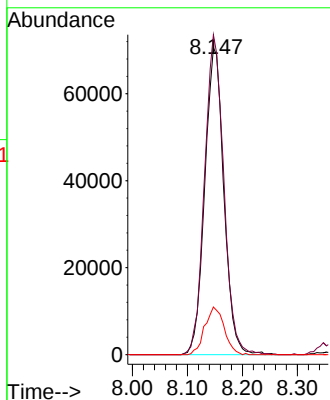
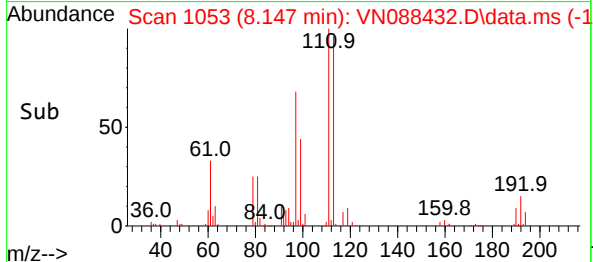
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 113 Resp: 170328
Ion Ratio Lower Upper
113 100
111 105.1 82.5 123.7
192 15.7 12.8 19.2

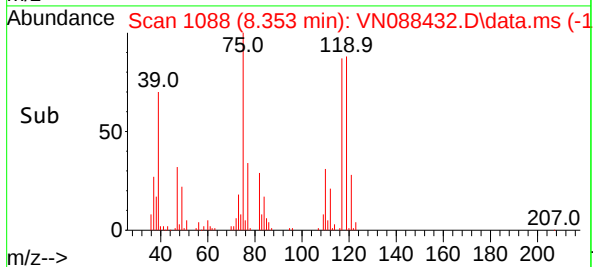
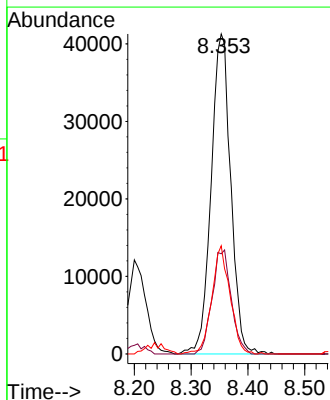
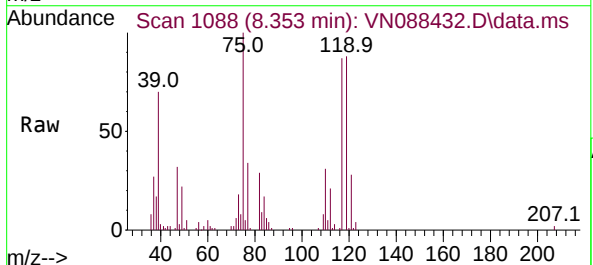
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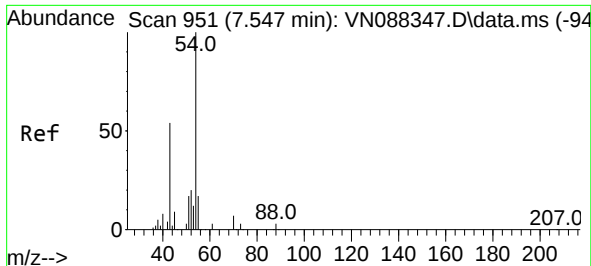
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#36
1,1-Dichloropropene
Concen: 19.560 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

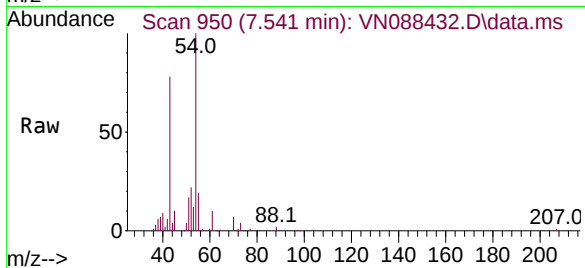
Tgt Ion: 75 Resp: 99068
Ion Ratio Lower Upper
75 100
110 31.7 15.8 47.4
77 31.4 24.2 36.2





#37
Ethyl Acetate
Concen: 20.819 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

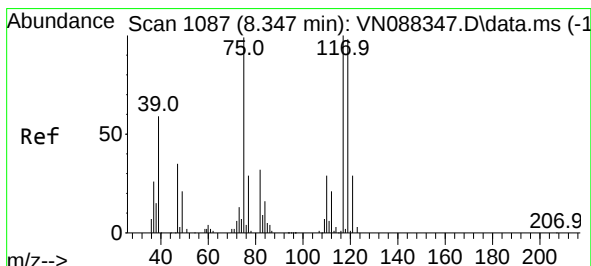
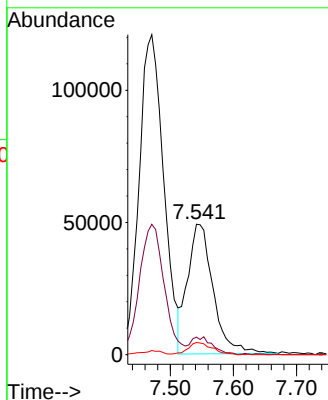
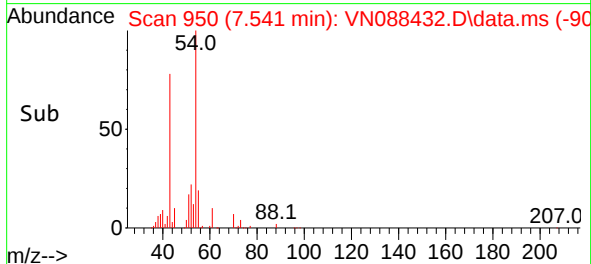
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 43 Resp: 138649
Ion Ratio Lower Upper
43 100
61 11.6 9.5 14.3
70 8.6 7.1 10.7

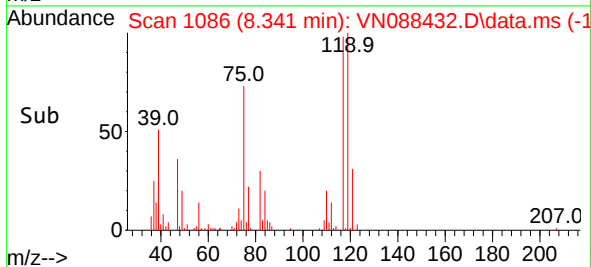
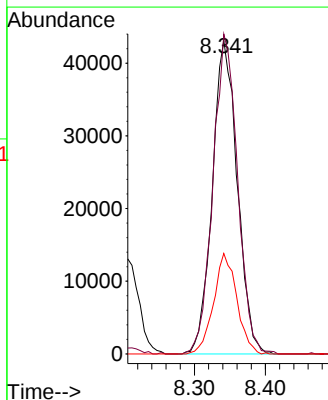
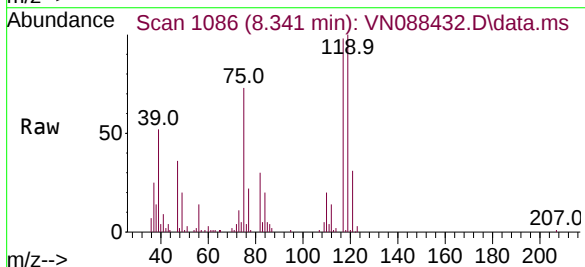
Manual Integrations
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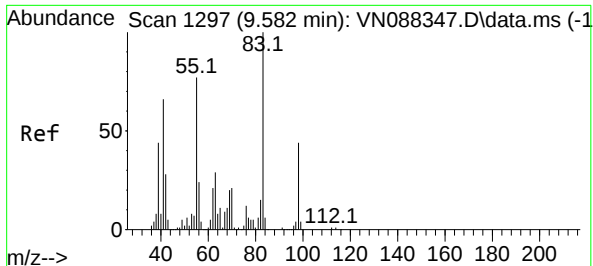
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#38
Carbon Tetrachloride
Concen: 20.898 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Tgt Ion:117 Resp: 105371
Ion Ratio Lower Upper
117 100
119 102.1 78.2 117.4
121 32.0 23.4 35.2





#39

Methylcyclohexane

Concen: 18.723 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

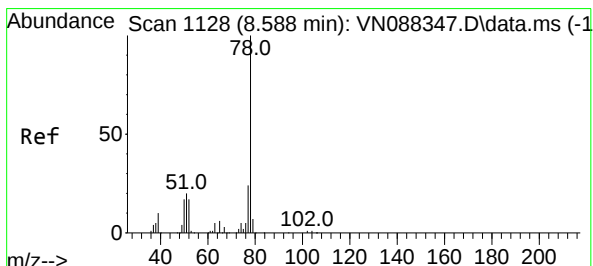
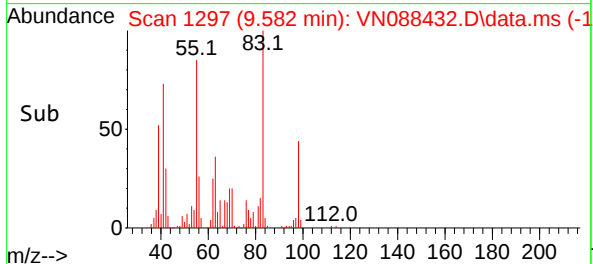
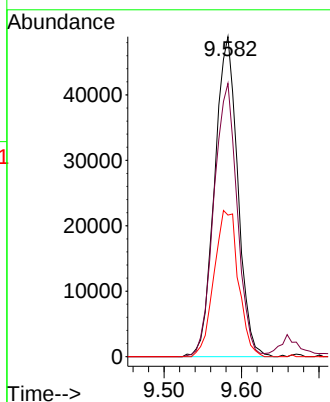
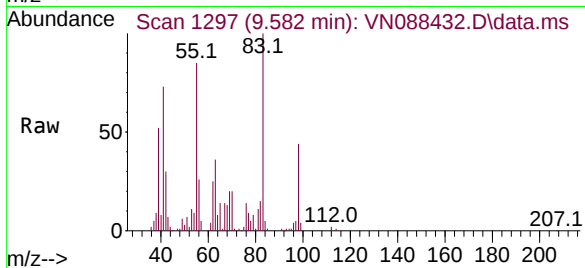
Tgt Ion: 83	Resp: 101432
Ion Ratio	Lower Upper
83 100	
55 85.4	61.6 92.4
98 44.2	35.3 52.9

Manual Integrations

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Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#40

Benzene

Concen: 20.176 ug/l

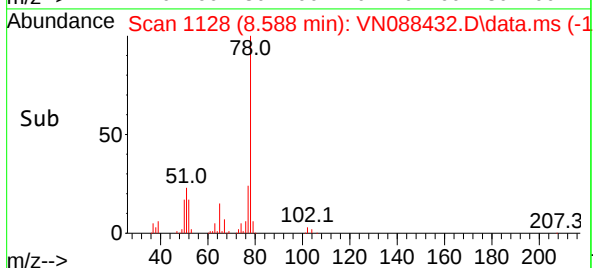
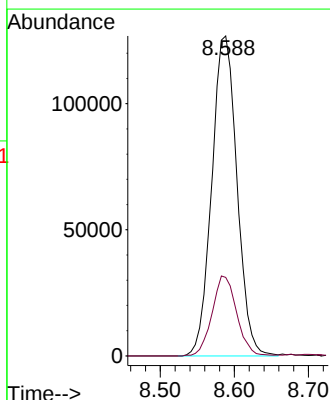
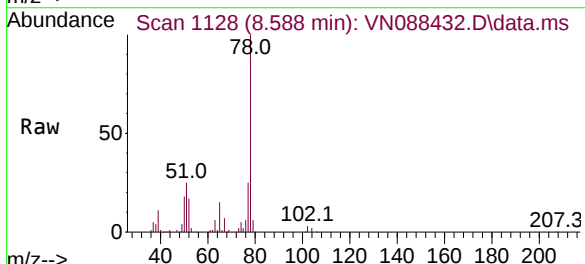
RT: 8.588 min Scan# 1128

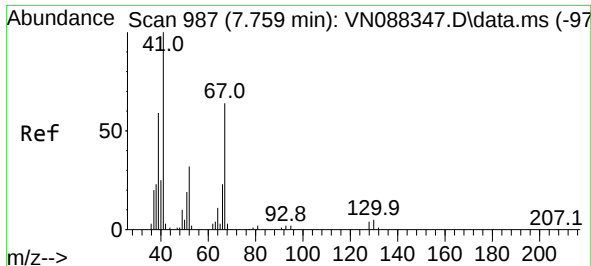
Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

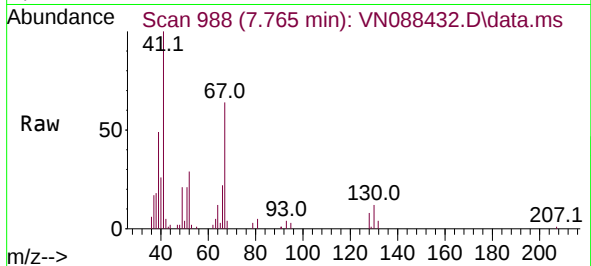
Tgt Ion: 78	Resp: 299926
Ion Ratio	Lower Upper
78 100	
77 24.5	19.0 28.4





#41
Methacrylonitrile
Concen: 20.542 ug/l
RT: 7.765 min Scan# 987
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

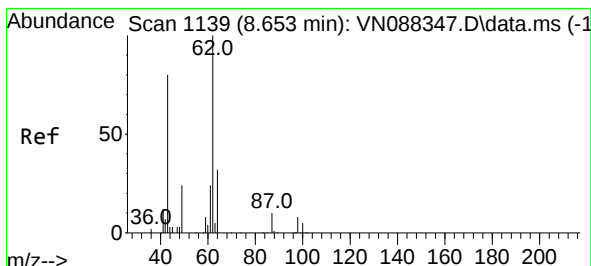
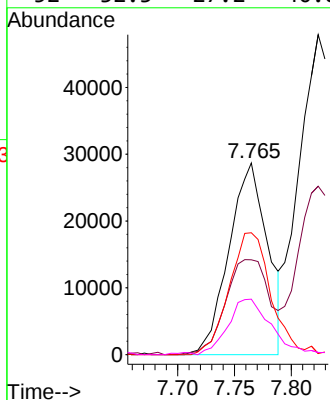
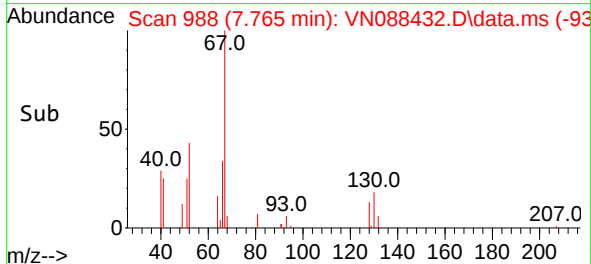
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 41 Resp: 67759
Ion Ratio Lower Upper
41 100
39 56.1 46.3 69.5
67 69.0 54.7 82.1
52 32.3 27.2 40.8

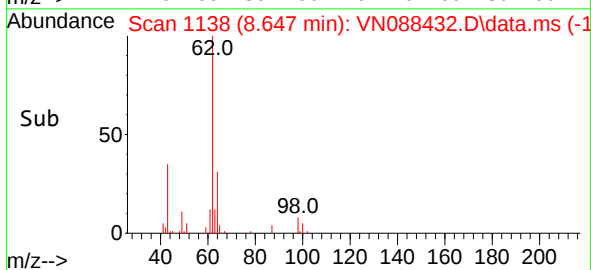
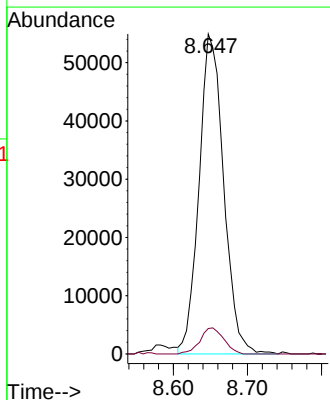
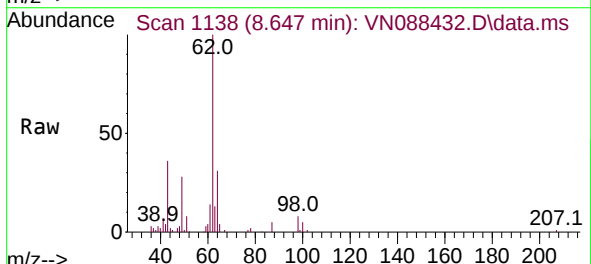
Manual Integrations
APPROVED

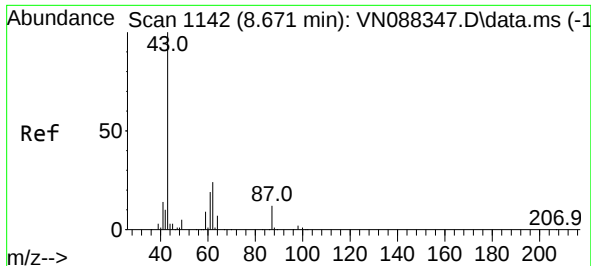
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 22.362 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

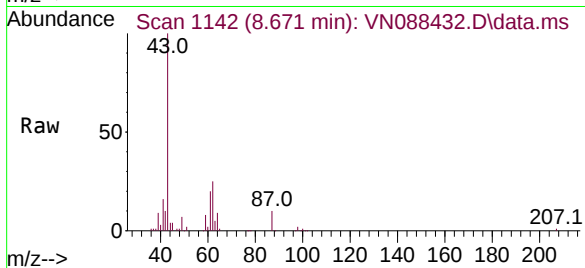
Tgt Ion: 62 Resp: 126828
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.2





#43
Isopropyl Acetate
Concen: 20.078 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

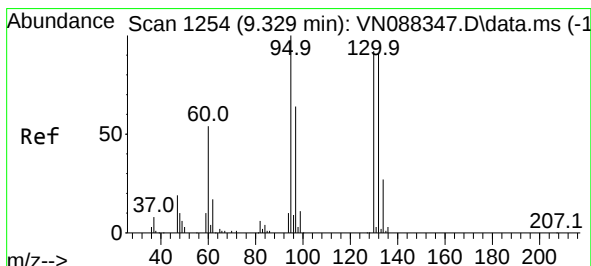
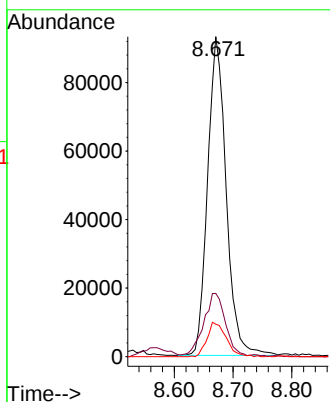
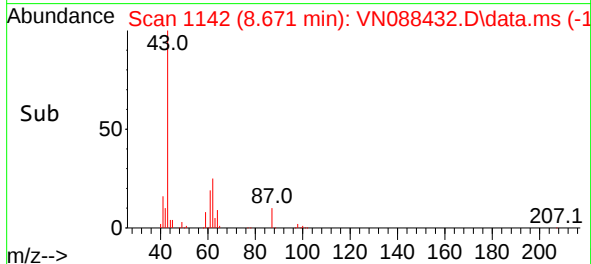
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



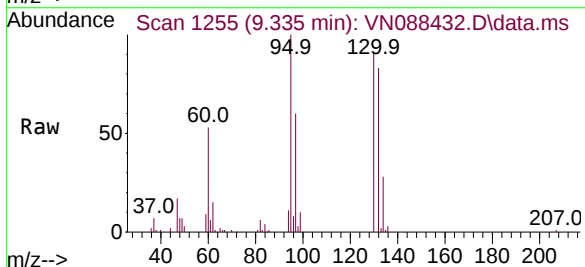
Tgt Ion: 43 Resp: 204303
Ion Ratio Lower Upper
43 100
61 23.5 18.7 28.1
87 11.1 9.1 13.7

Manual Integrations
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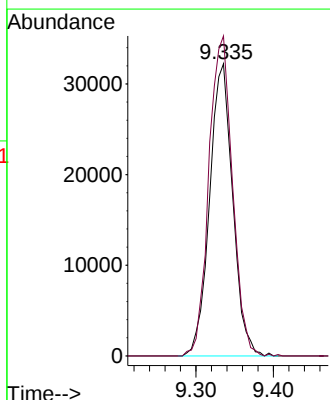
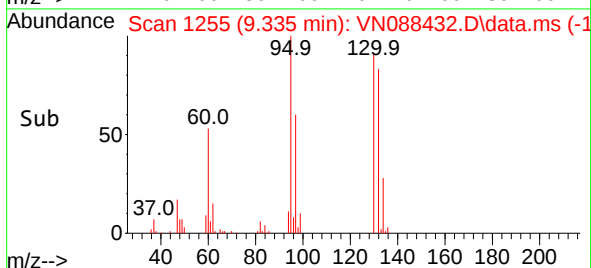
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

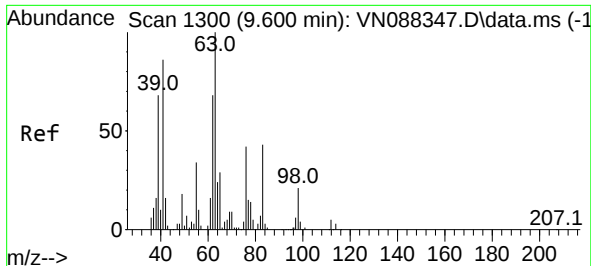


#44
Trichloroethene
Concen: 19.041 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17



Tgt Ion:130 Resp: 66882
Ion Ratio Lower Upper
130 100
95 109.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 21.199 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion: 63 Resp: 8074

Ion Ratio Lower Upper

63 100

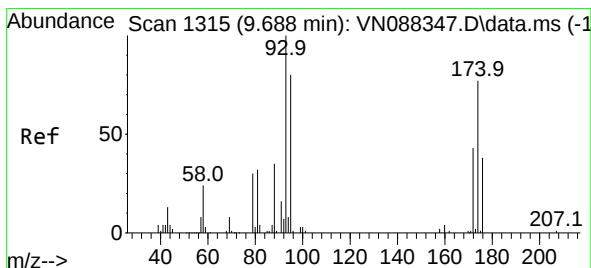
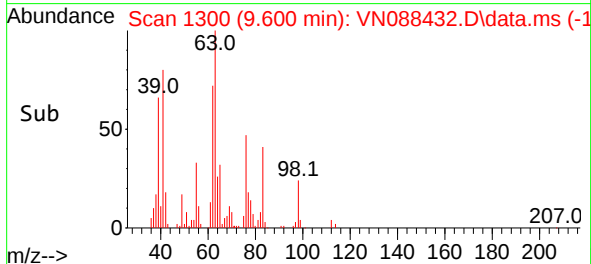
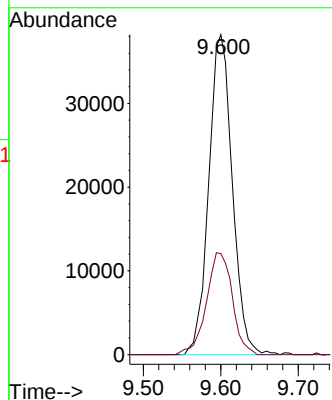
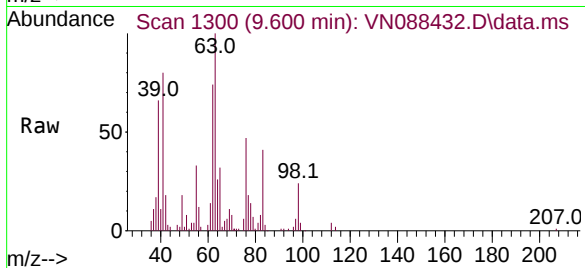
65 31.6 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 21.571 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

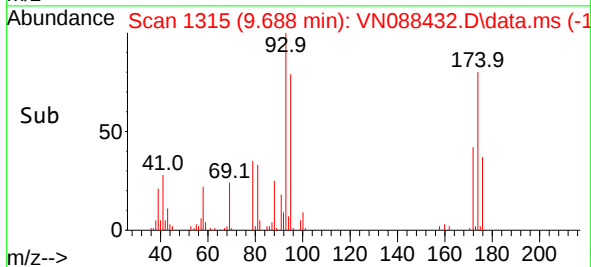
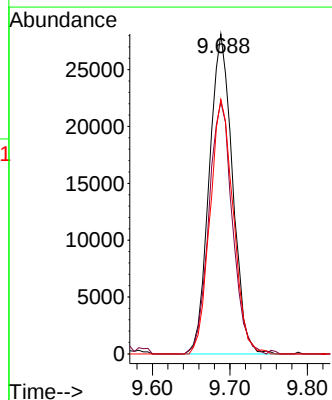
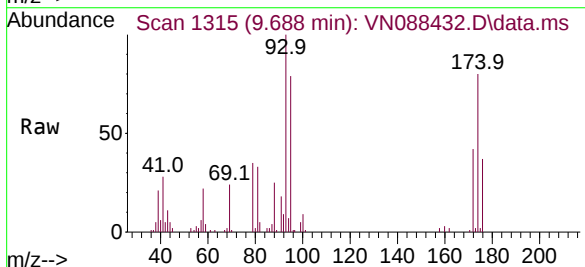
Tgt Ion: 93 Resp: 58631

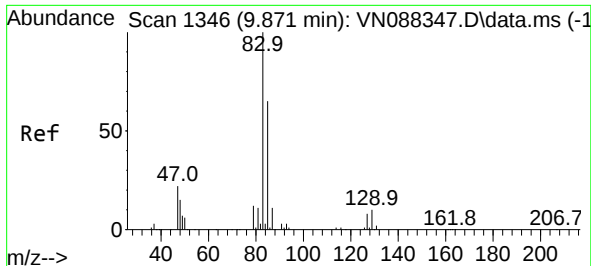
Ion Ratio Lower Upper

93 100

95 79.5 65.8 98.6

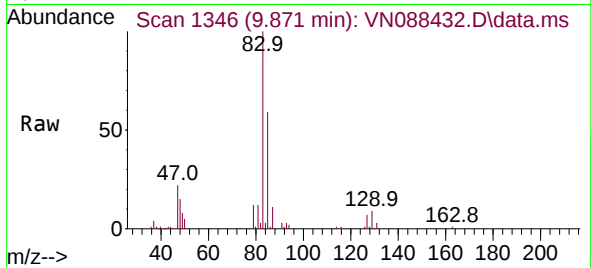
174 79.6 64.3 96.5





#47
Bromodichloromethane
Concen: 21.132 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

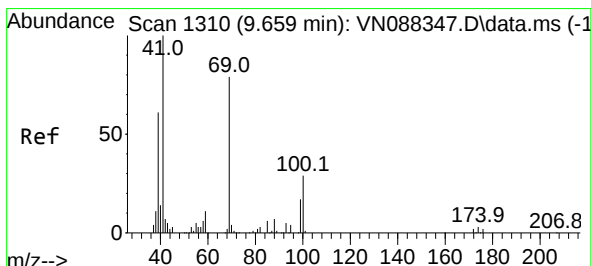
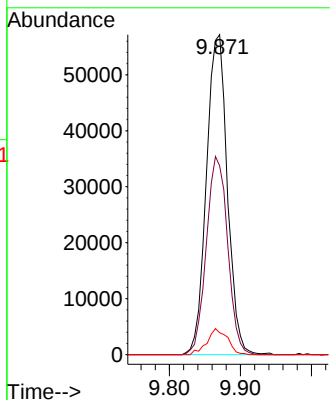
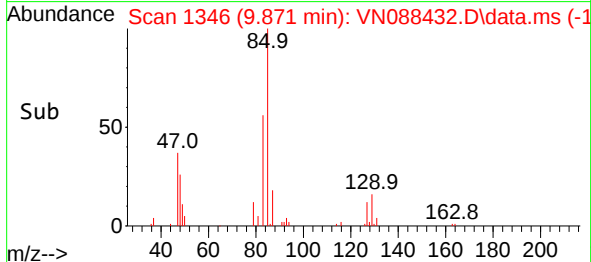
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



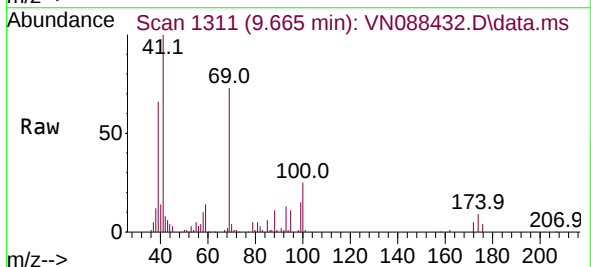
Tgt Ion: 83 Resp: 117197
Ion Ratio Lower Upper
83 100
85 59.0 51.9 77.9
127 6.8 6.3 9.5

Manual Integrations
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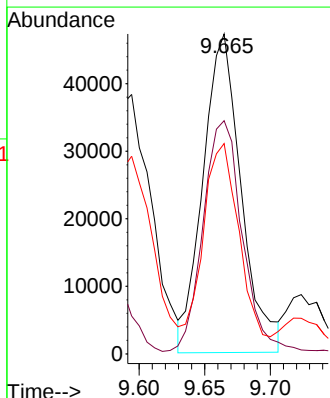
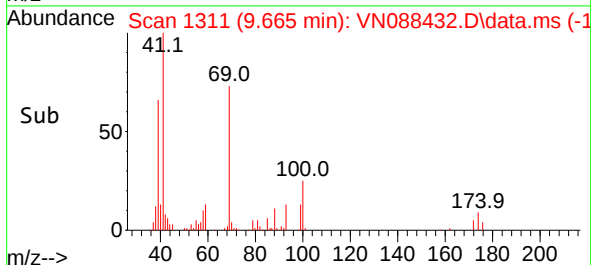
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

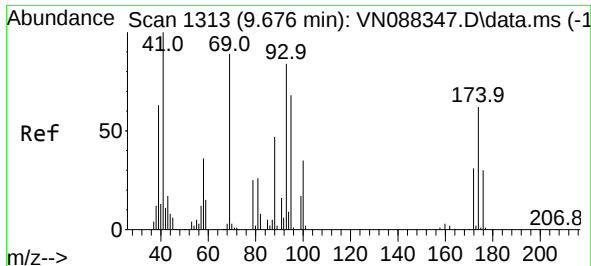


#48
Methyl methacrylate
Concen: 20.609 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17



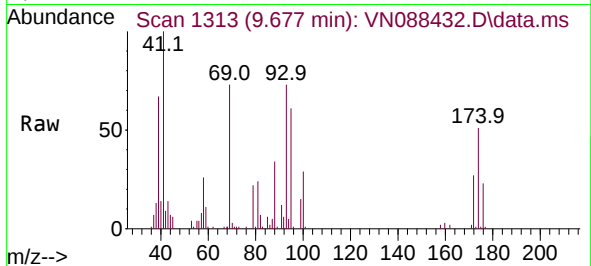
Tgt Ion: 41 Resp: 95681
Ion Ratio Lower Upper
41 100
69 75.9 62.4 93.6
39 63.7 52.6 79.0





#49
1,4-Dioxane
Concen: 345.396 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

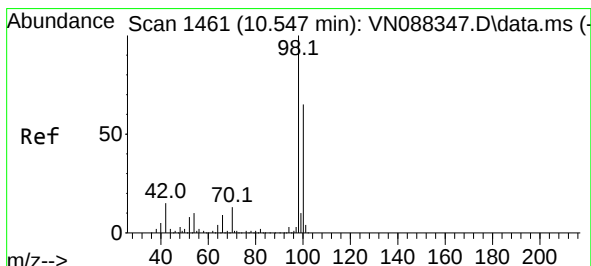
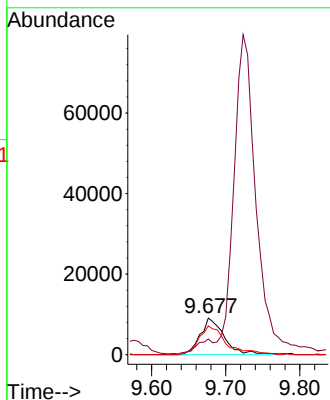
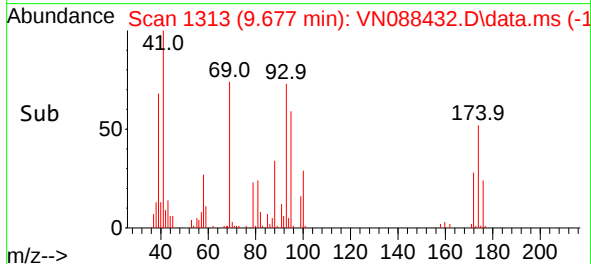
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 88 Resp: 20393
Ion Ratio Lower Upper
88 100
43 27.4 0.0 0.0
58 87.9 62.0 93.0

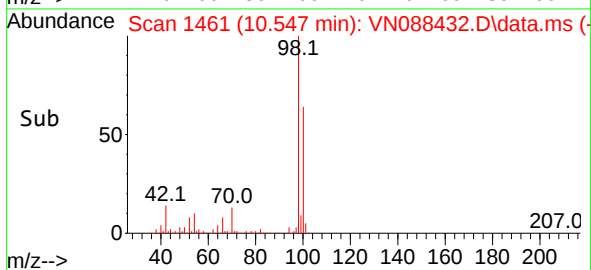
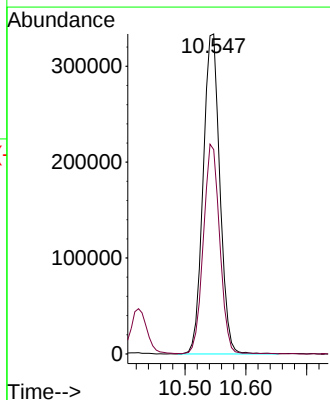
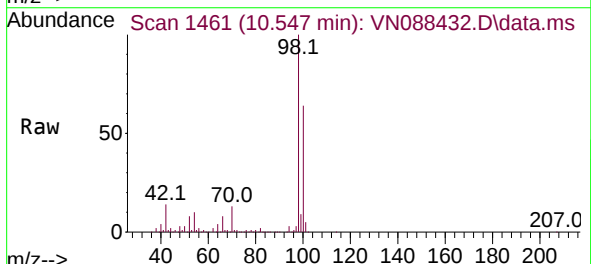
Manual Integrations
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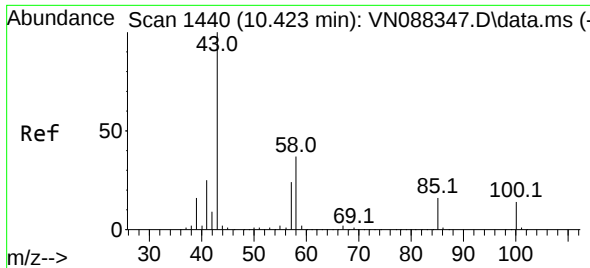
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#50
Toluene-d8
Concen: 51.952 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

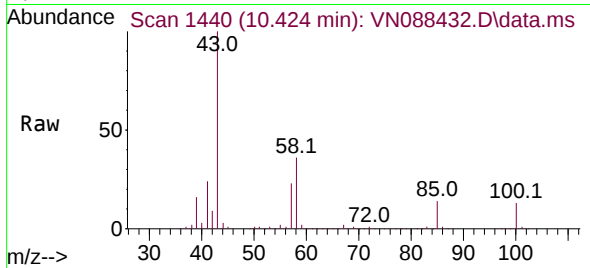
Tgt Ion: 98 Resp: 634377
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 109.445 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

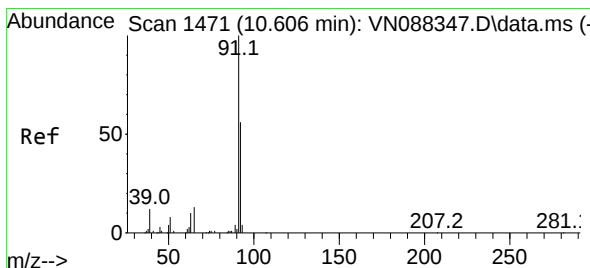
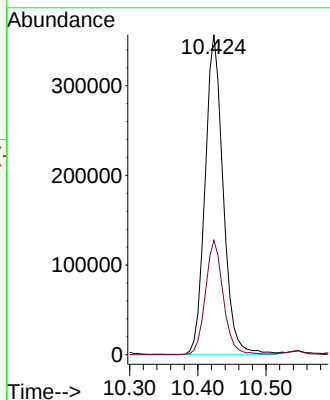
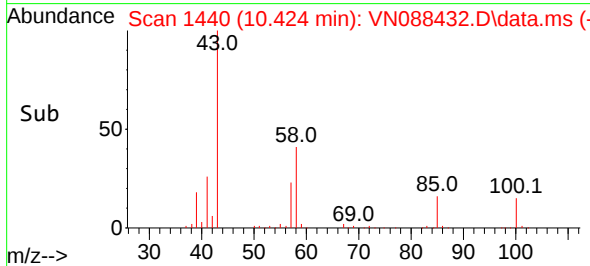
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 43 Resp: 65641
Ion Ratio Lower Upper
43 100
58 35.3 29.1 43.7

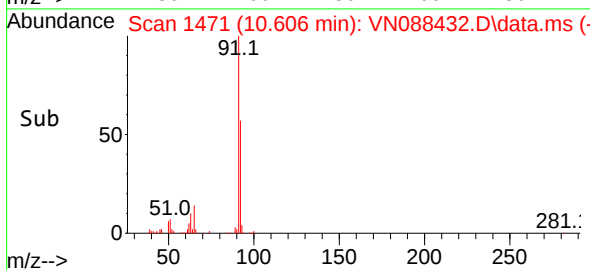
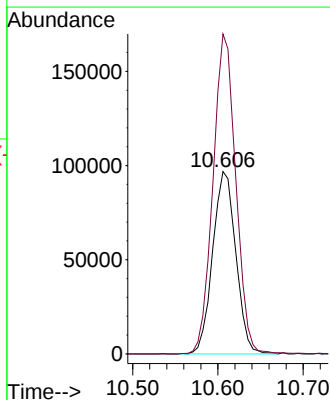
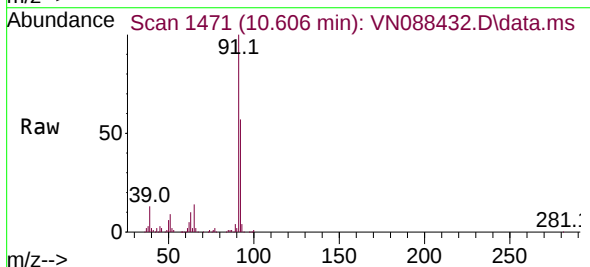
Manual Integrations
APPROVED

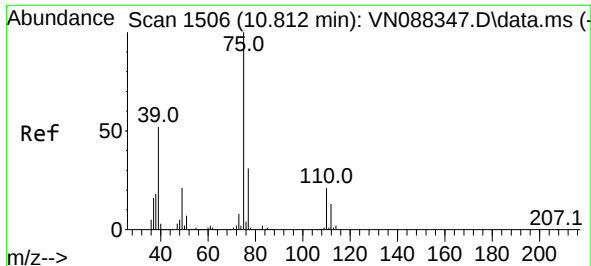
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 21.272 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

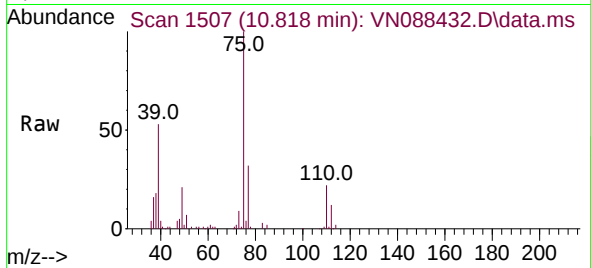
Tgt Ion: 92 Resp: 182595
Ion Ratio Lower Upper
92 100
91 173.1 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 20.113 ug/l
RT: 10.818 min Scan# 11449
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

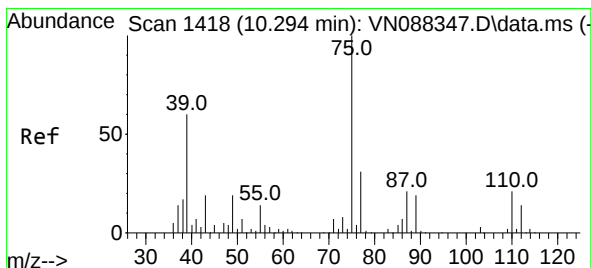
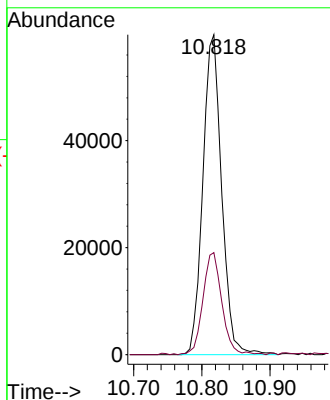
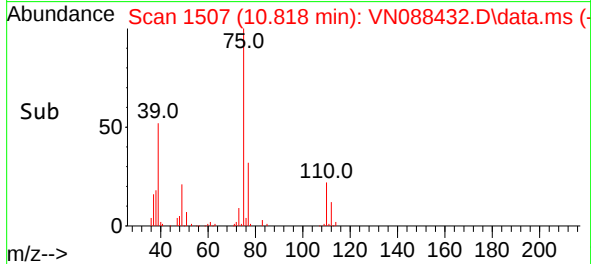
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 75 Resp: 11449
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2

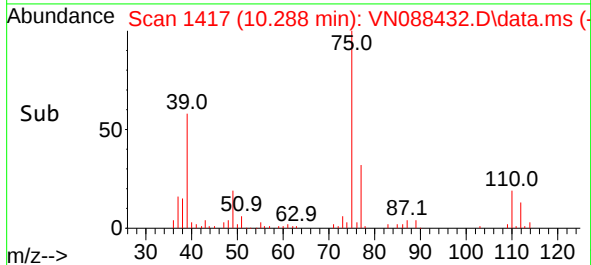
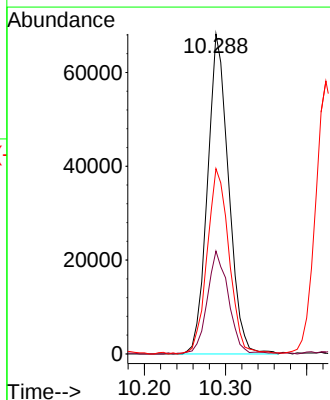
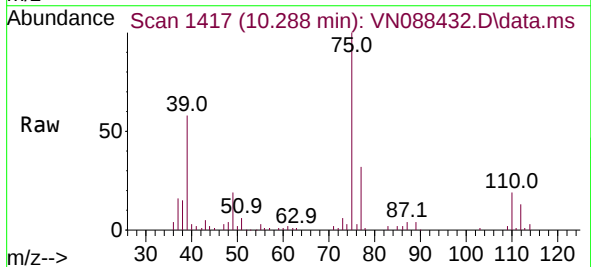
Manual Integrations
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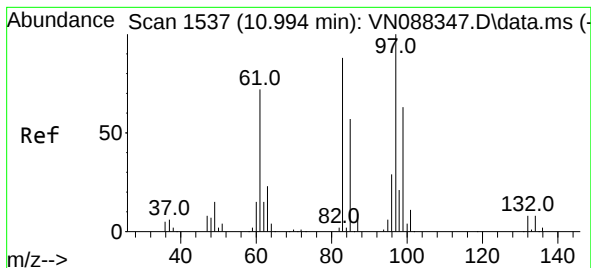
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 20.605 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

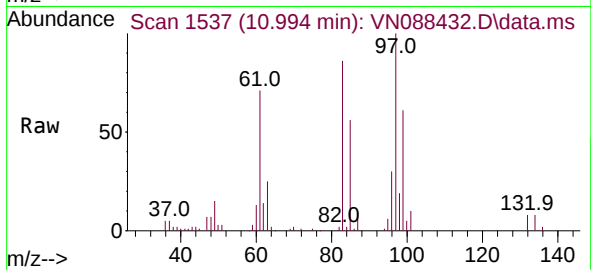
Tgt Ion: 75 Resp: 123356
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7
39 57.9 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 21.390 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

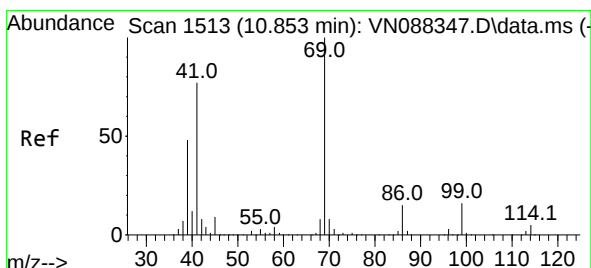
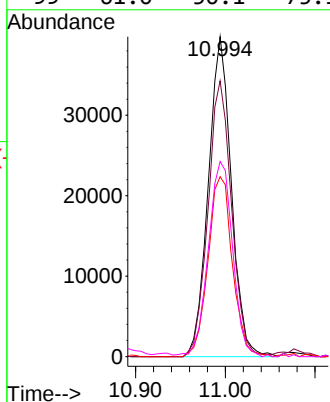
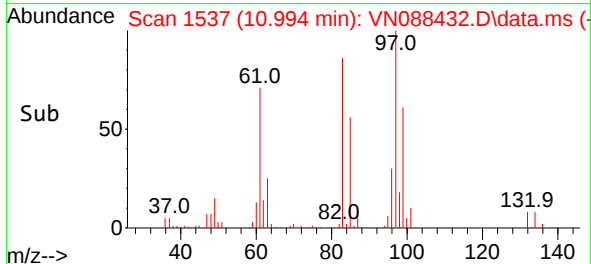
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 97 Resp: 71038
Ion Ratio Lower Upper
97 100
83 86.2 70.4 105.6
85 56.2 45.4 68.2
99 61.0 50.1 75.1

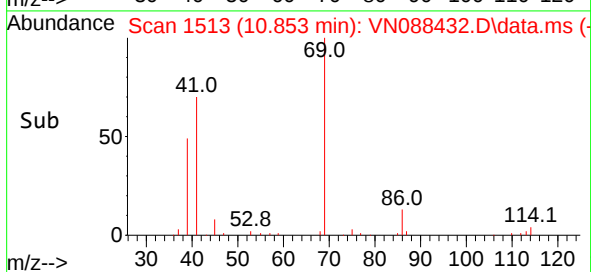
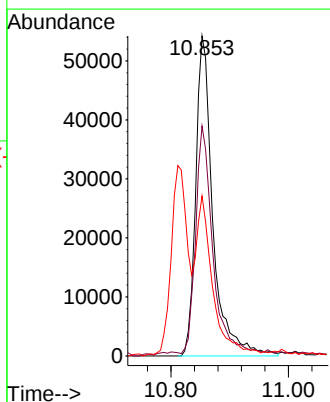
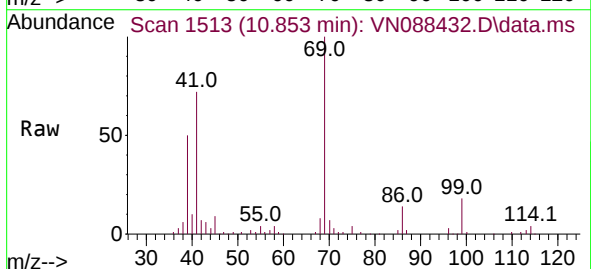
Manual Integrations
APPROVED

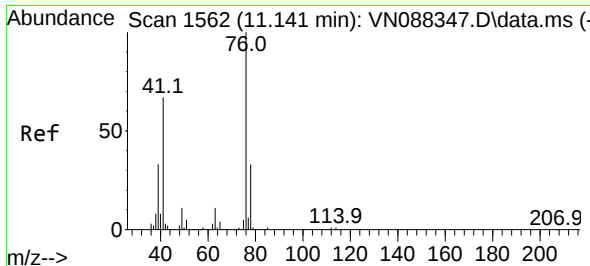
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#56
Ethyl methacrylate
Concen: 20.998 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

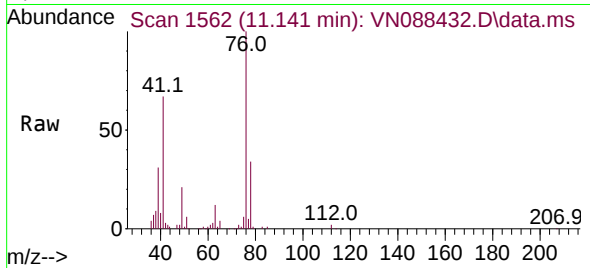
Tgt Ion: 69 Resp: 110151
Ion Ratio Lower Upper
69 100
41 70.2 59.6 89.4
39 46.6 36.4 54.6





#57
1,3-Dichloropropane
Concen: 21.517 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

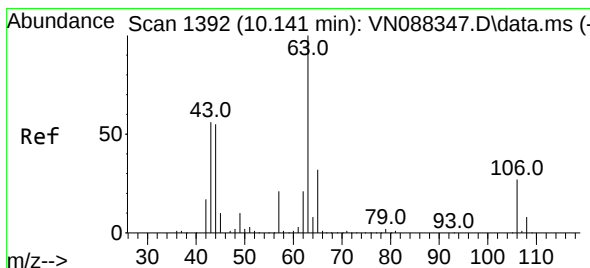
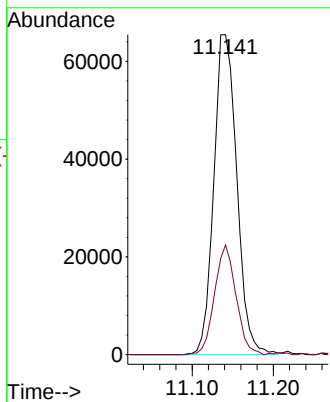
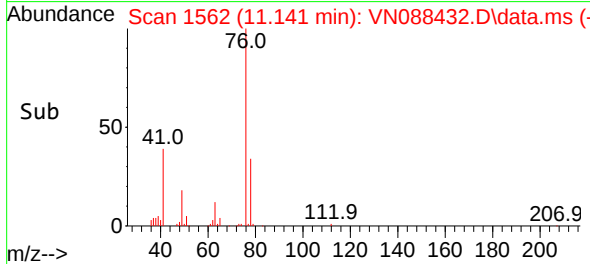
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 76 Resp: 128913
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.4

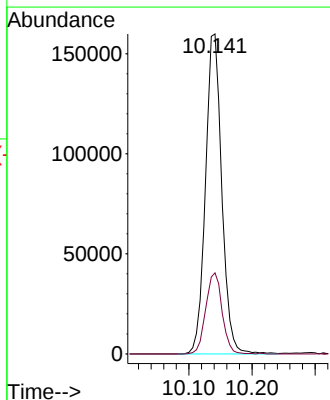
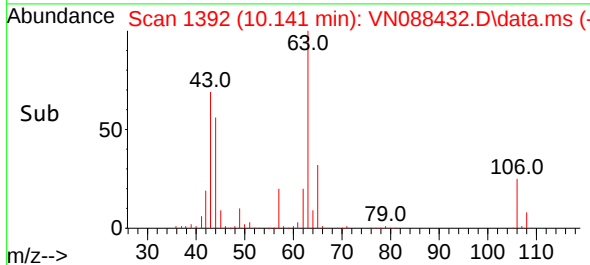
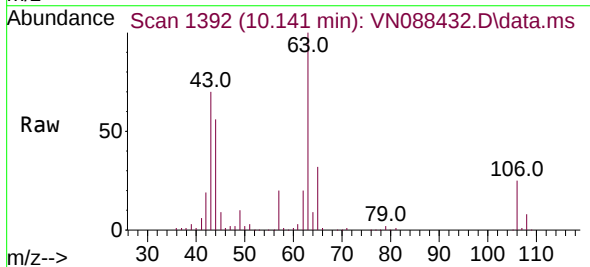
Manual Integrations
APPROVED

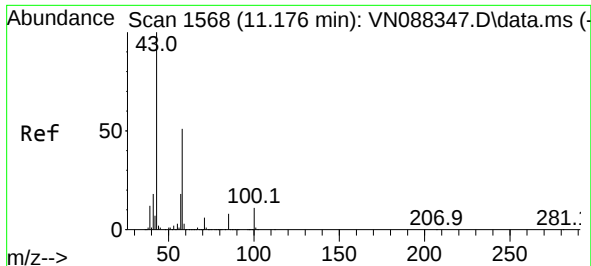
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 94.749 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

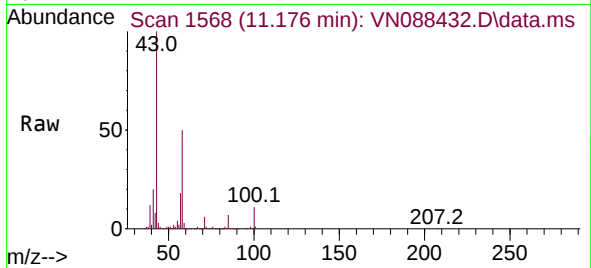
Tgt Ion: 63 Resp: 286552
Ion Ratio Lower Upper
63 100
106 25.4 20.5 30.7





#59
2-Hexanone
Concen: 109.226 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

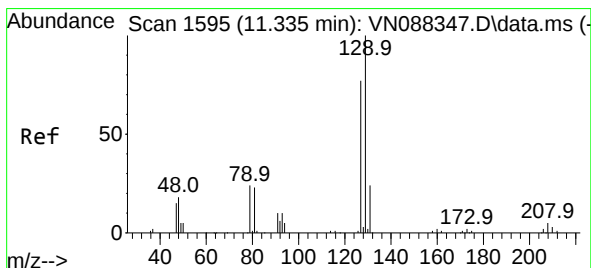
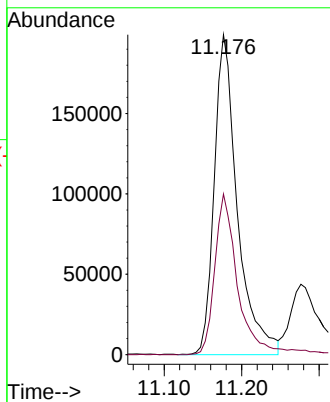
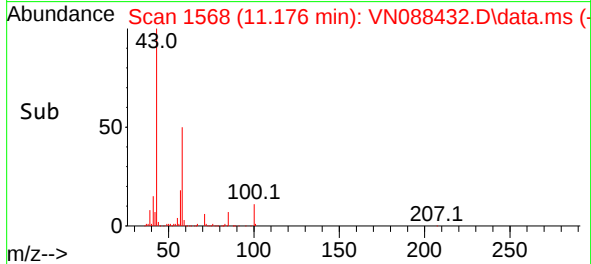
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 43 Resp: 412680
Ion Ratio Lower Upper
43 100
58 50.4 25.3 75.9

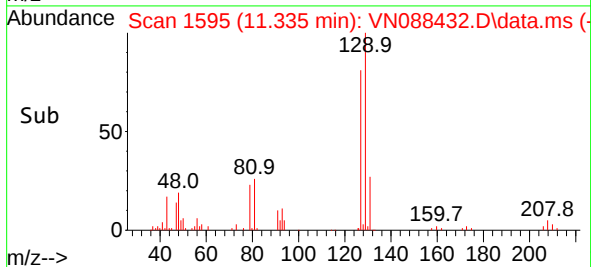
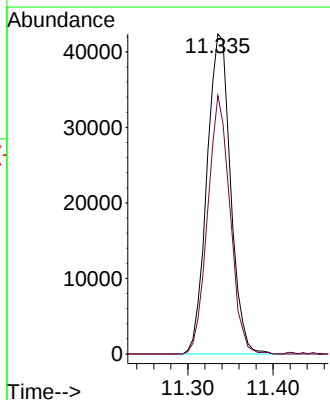
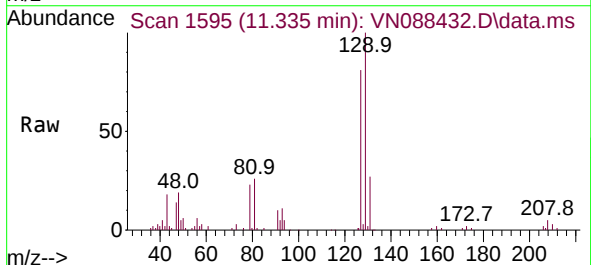
Manual Integrations
APPROVED

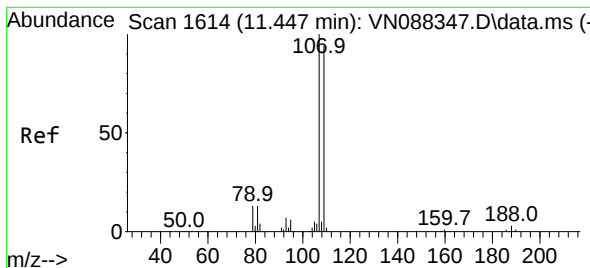
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 21.503 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

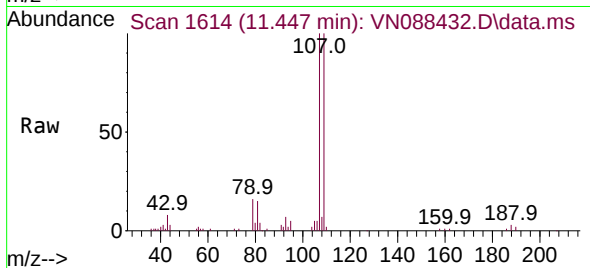
Tgt Ion:129 Resp: 81410
Ion Ratio Lower Upper
129 100
127 76.6 38.2 114.6





#61
1,2-Dibromoethane
Concen: 20.876 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

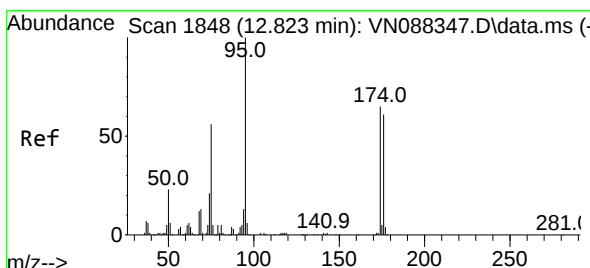
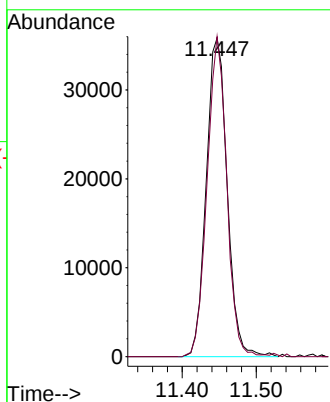
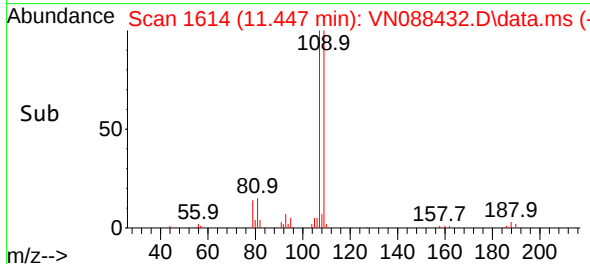
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:107 Resp: 70205
Ion Ratio Lower Upper
107 100
109 94.2 74.6 112.0

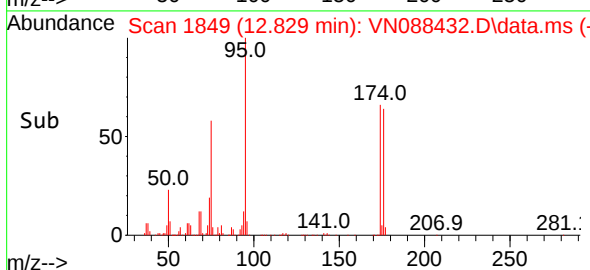
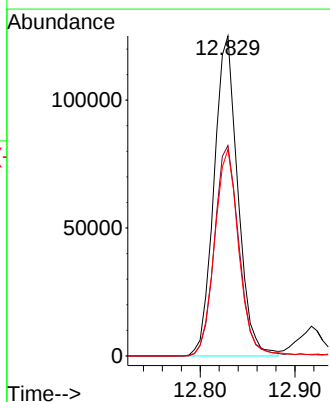
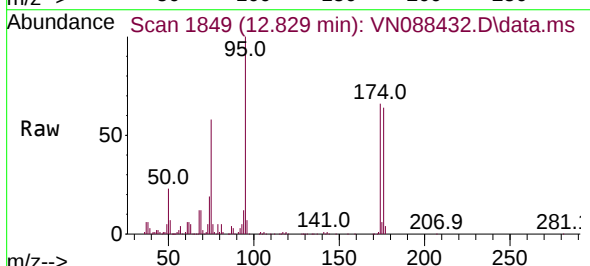
Manual Integrations
APPROVED

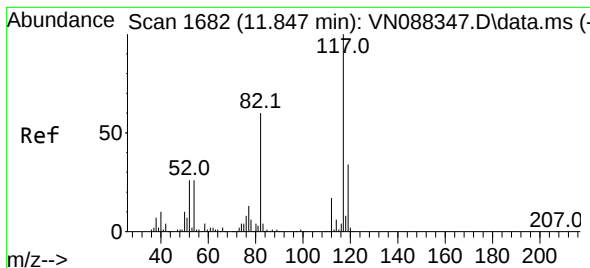
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#62
4-Bromofluorobenzene
Concen: 52.191 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

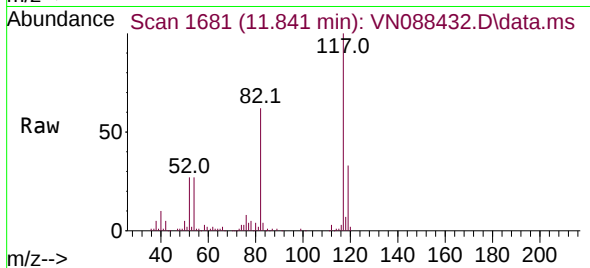
Tgt Ion: 95 Resp: 218669
Ion Ratio Lower Upper
95 100
174 67.5 0.0 139.0
176 66.0 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

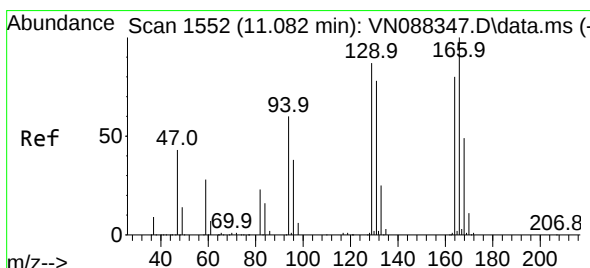
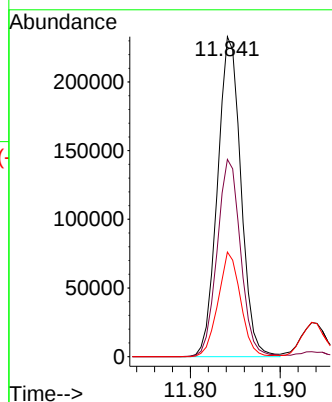
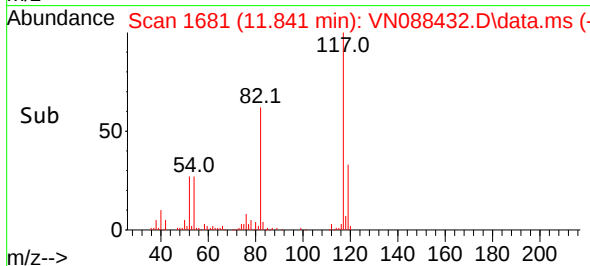
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:117 Resp: 423662
Ion Ratio Lower Upper
117 100
82 61.6 47.8 71.8
119 32.7 26.9 40.3

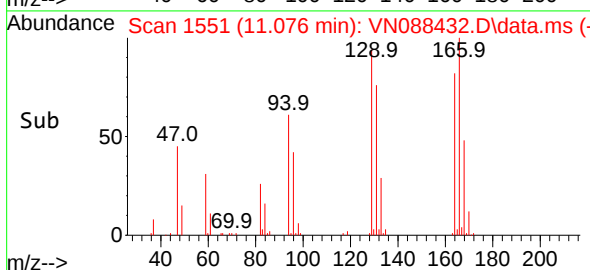
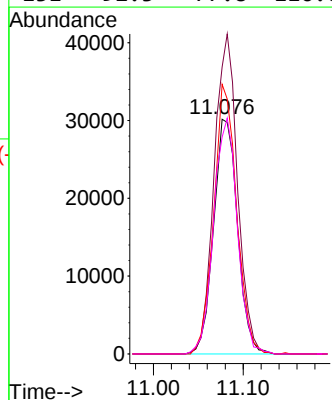
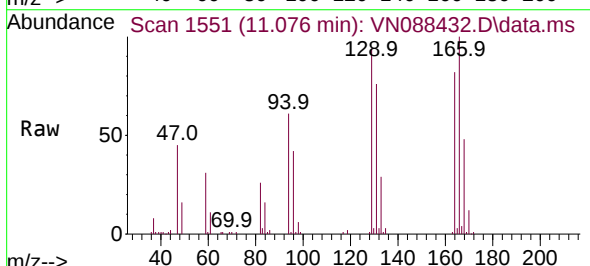
Manual Integrations
APPROVED

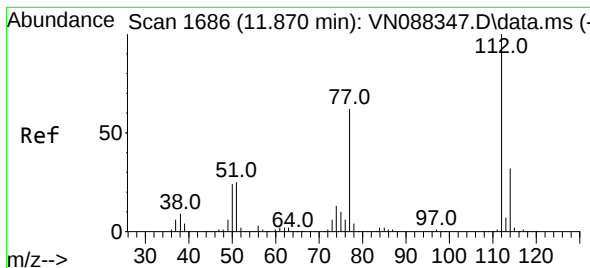
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 16.673 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

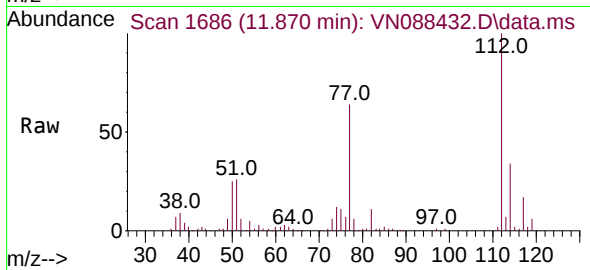
Tgt Ion:164 Resp: 55998
Ion Ratio Lower Upper
164 100
166 122.2 99.6 149.4
129 114.9 86.6 129.8
131 92.3 77.8 116.6





#65
Chlorobenzene
Concen: 20.154 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

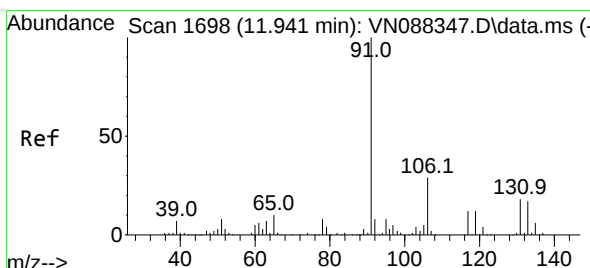
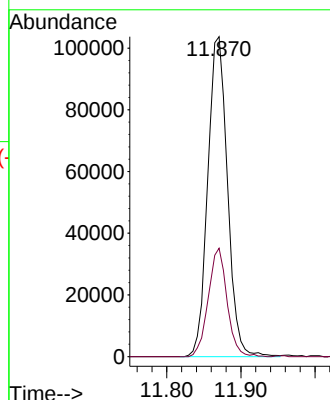
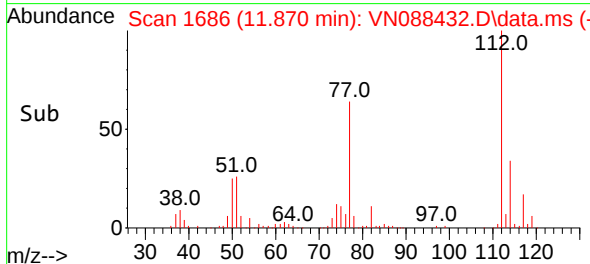
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



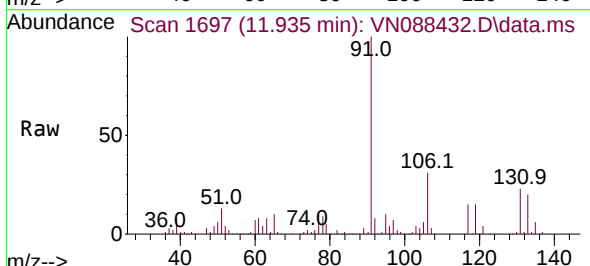
Tgt Ion:112 Resp: 191798
Ion Ratio Lower Upper
112 100
114 33.9 25.4 38.2

Manual Integrations
APPROVED

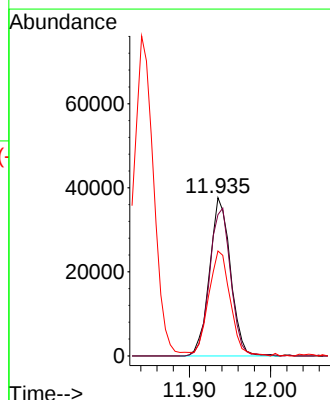
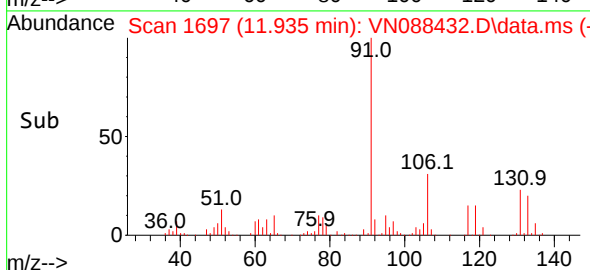
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

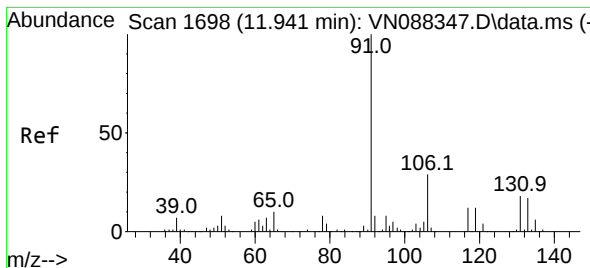


#66
1,1,1,2-Tetrachloroethane
Concen: 21.036 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17



Tgt Ion:131 Resp: 67516
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.2
119 68.5 33.4 100.1





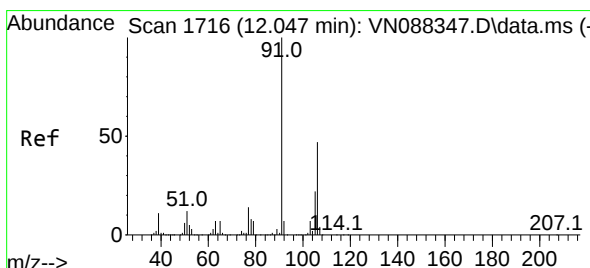
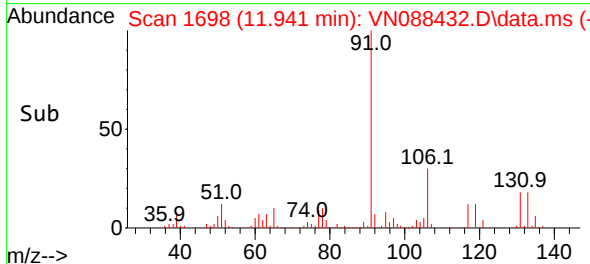
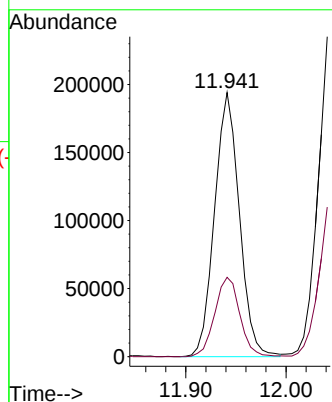
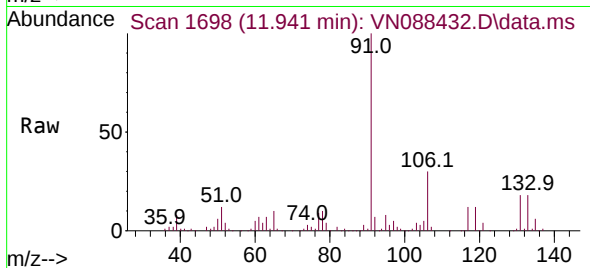
#67
Ethyl Benzene
Concen: 20.073 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tgt Ion: 91 Resp: 333864
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4

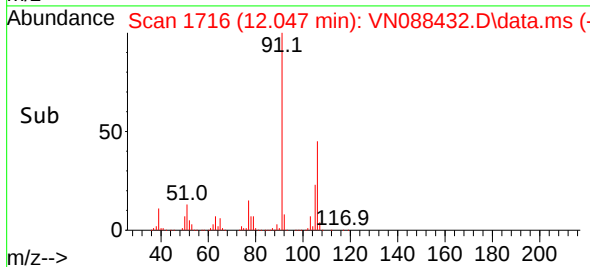
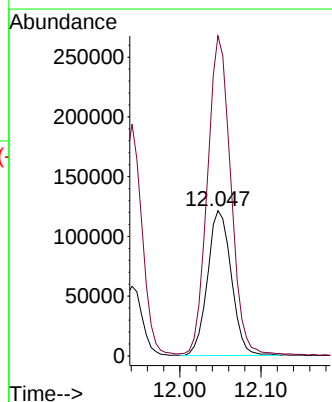
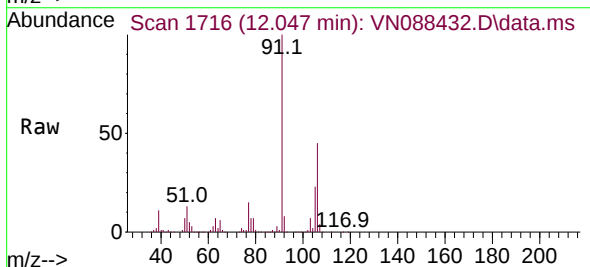
Manual Integrations
APPROVED

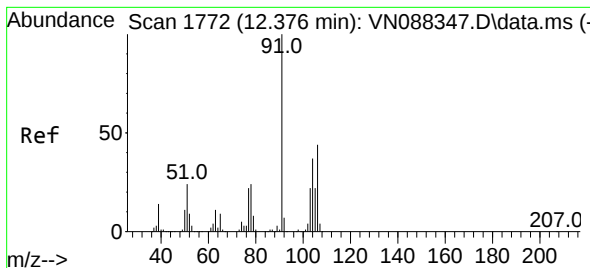
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#68
m/p-Xylenes
Concen: 40.037 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

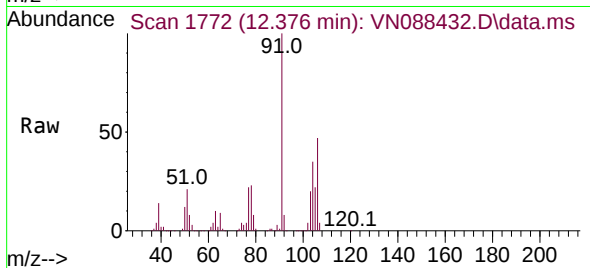
Tgt Ion:106 Resp: 246899
Ion Ratio Lower Upper
106 100
91 218.6 167.8 251.6





#69
o-Xylene
Concen: 20.180 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

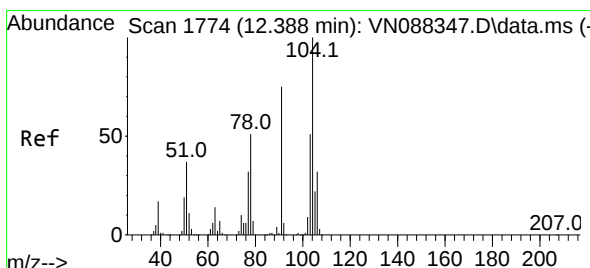
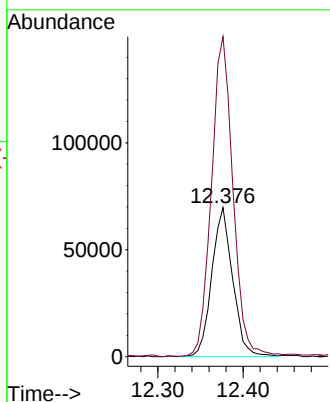
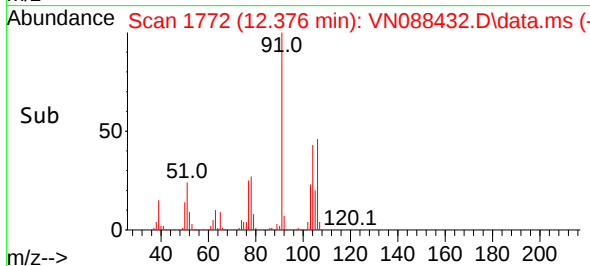
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:106 Resp: 118643
Ion Ratio Lower Upper
106 100
91 222.1 112.9 338.7

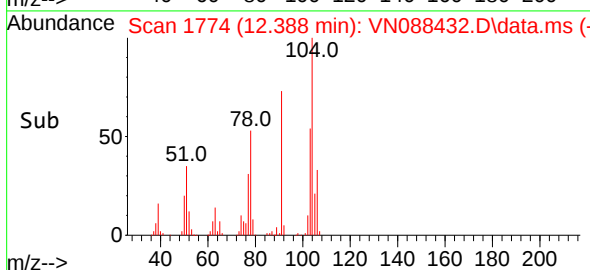
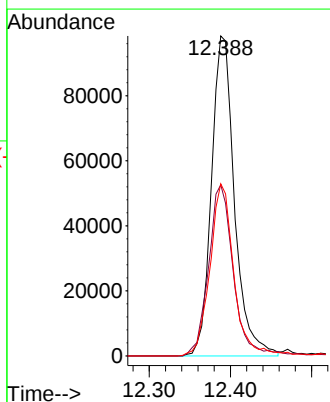
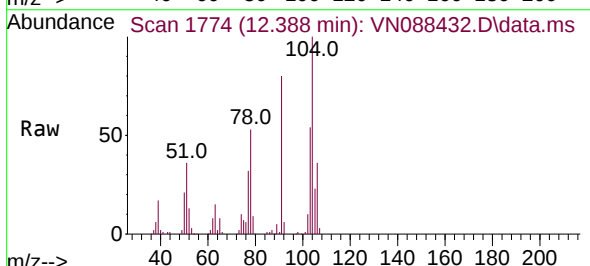
Manual Integrations
APPROVED

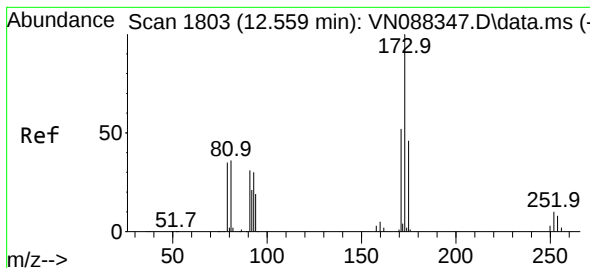
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 20.325 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Tgt Ion:104 Resp: 194030
Ion Ratio Lower Upper
104 100
78 57.6 44.3 66.5
103 56.1 44.2 66.4





#71

Bromoform

Concen: 21.115 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

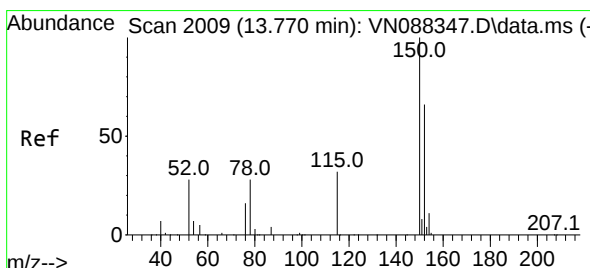
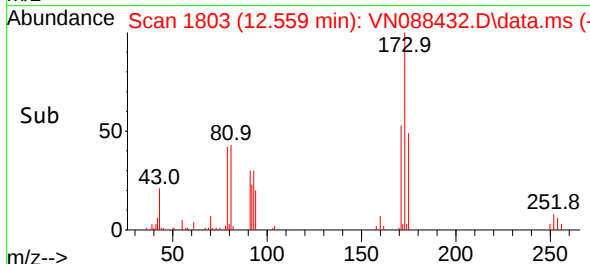
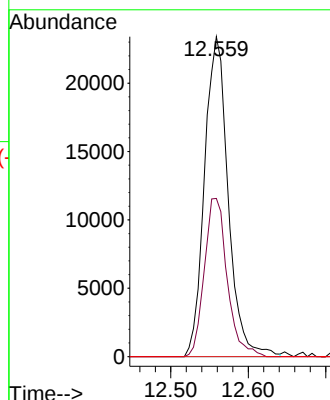
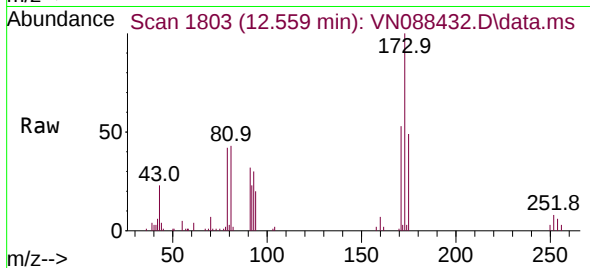
Tgt Ion:173	Resp:	49639
Ion Ratio	Lower	Upper
173	100	
175	47.8	23.9 71.8
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

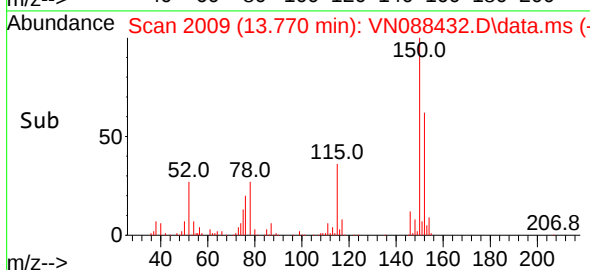
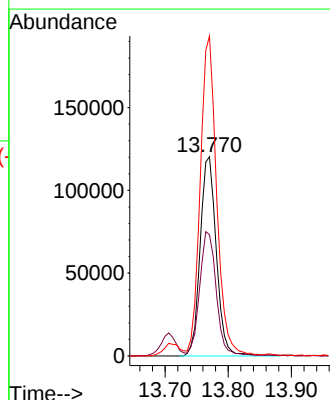
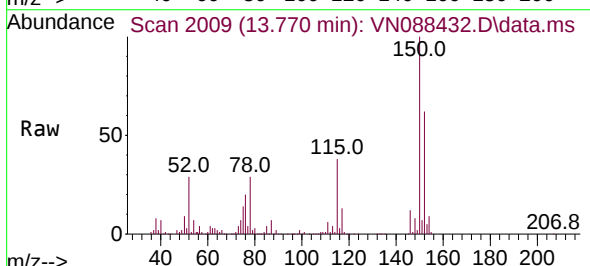
RT: 13.770 min Scan# 2009

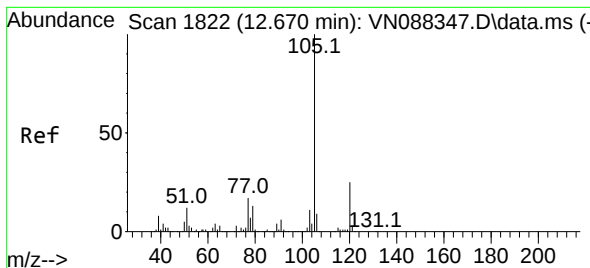
Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Tgt Ion:152	Resp:	214103
Ion Ratio	Lower	Upper
152	100	
115	62.9	33.0 98.9
150	161.4	0.0 349.0





#73

Isopropylbenzene

Concen: 19.193 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion:105 Resp: 303830

Ion Ratio Lower Upper

105 100

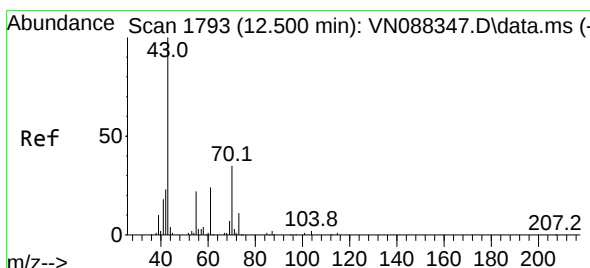
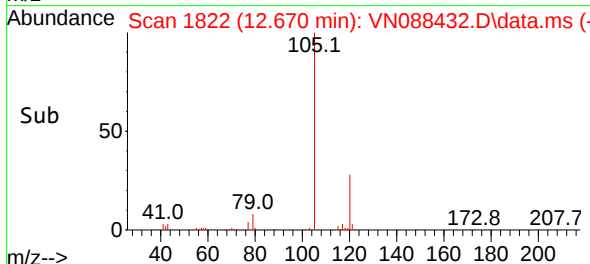
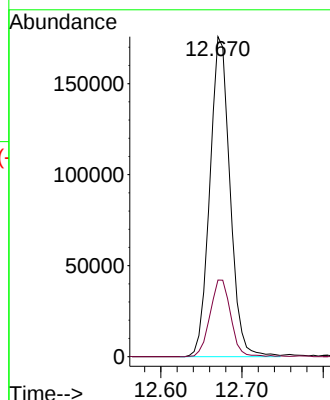
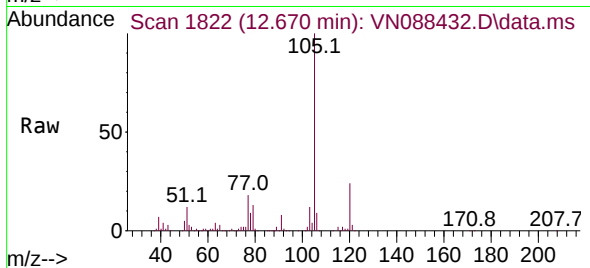
120 24.4 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#74

N-ethyl acetate

Concen: 17.371 ug/l m

RT: 12.670 min Scan# 1822

Delta R.T. 0.171 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Tgt Ion: 43 Resp: 93651

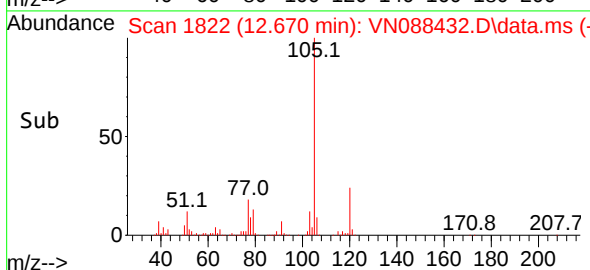
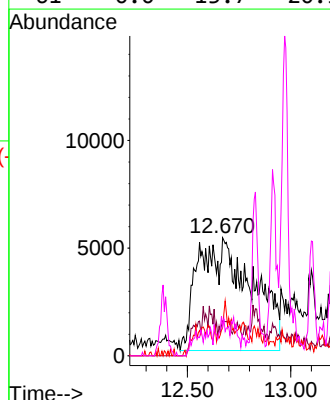
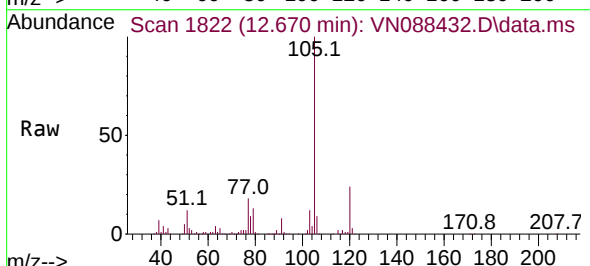
Ion Ratio Lower Upper

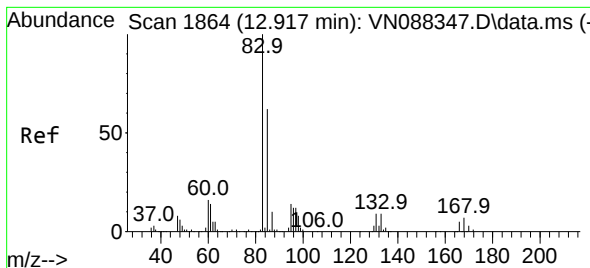
43 100

70 0.0 28.3 42.5#

55 0.2 17.7 26.5#

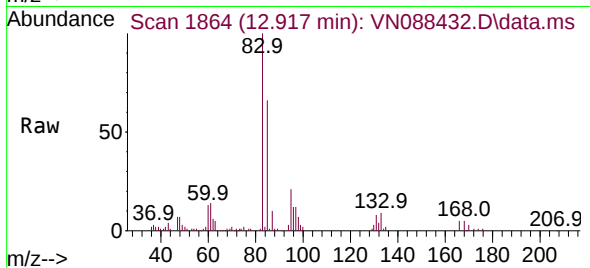
61 0.0 13.7 20.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.895 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

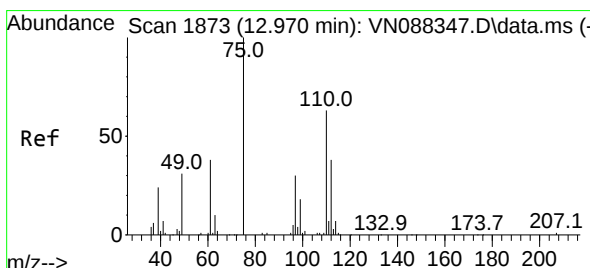
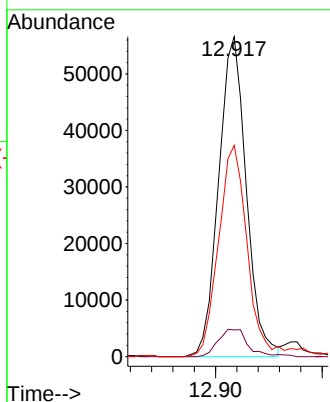
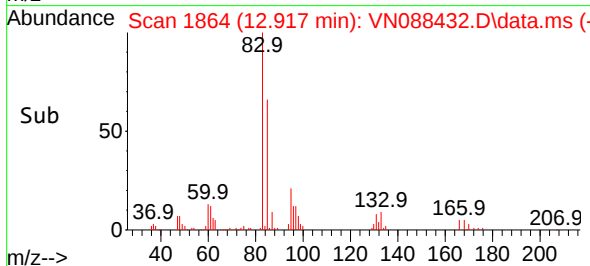
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



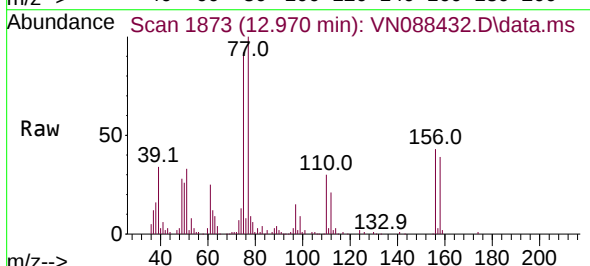
Tgt Ion: 83 Resp: 101816
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 70.2 32.1 96.5

Manual Integrations
APPROVED

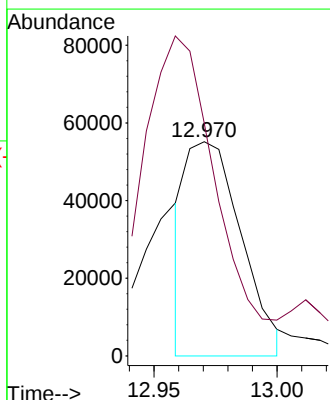
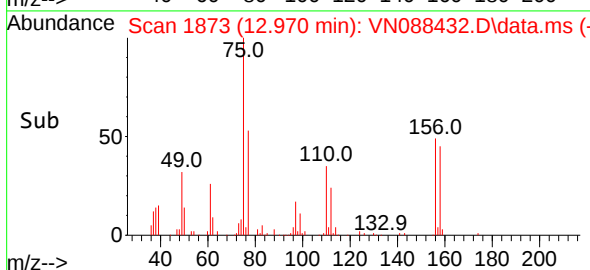
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

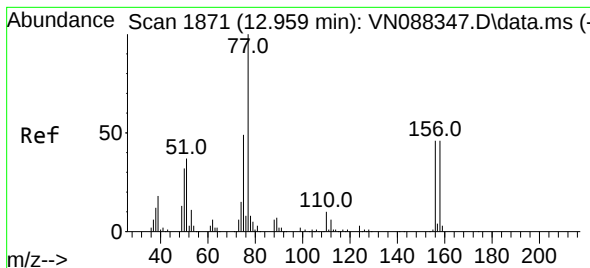


#76
1,2,3-Trichloropropane
Concen: 17.237 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17



Tgt Ion: 75 Resp: 86438
Ion Ratio Lower Upper
75 100
77 205.8 87.2 261.6





#77

Bromobenzene

Concen: 20.423 ug/l

RT: 12.953 min Scan# 1871

Delta R.T. -0.006 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

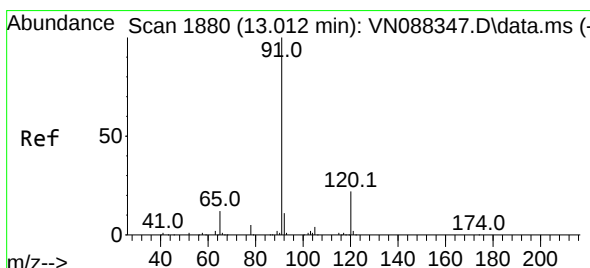
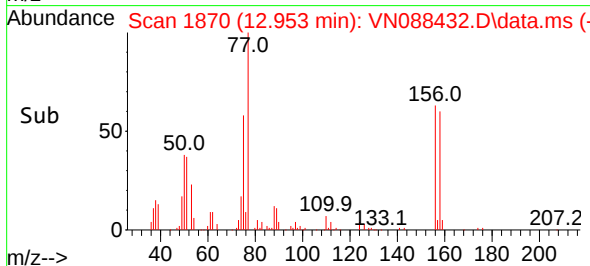
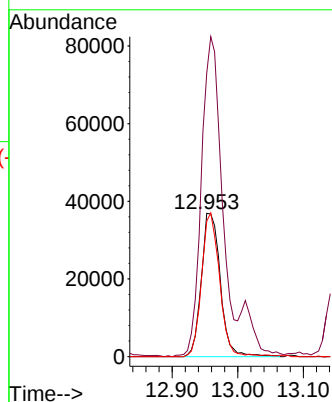
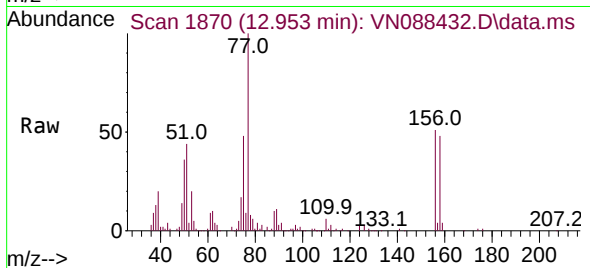
Tgt Ion:	156	Resp:	73974
Ion Ratio	Lower	Upper	
156	100		
77	240.5	121.6	364.7
158	93.9	48.6	145.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#78

n-propylbenzene

Concen: 19.838 ug/l

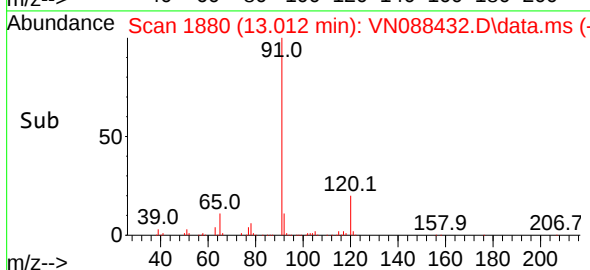
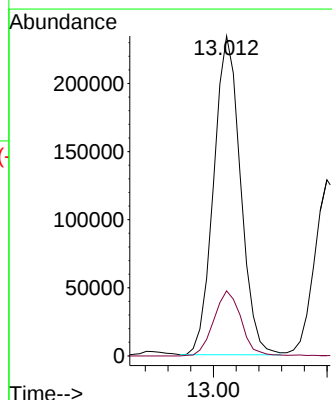
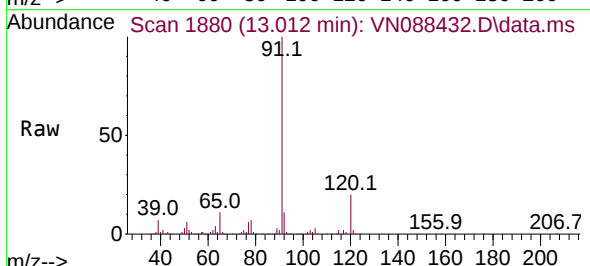
RT: 13.012 min Scan# 1880

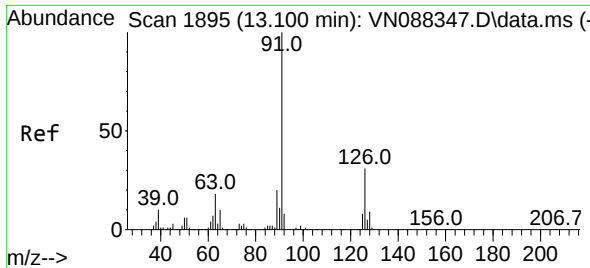
Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

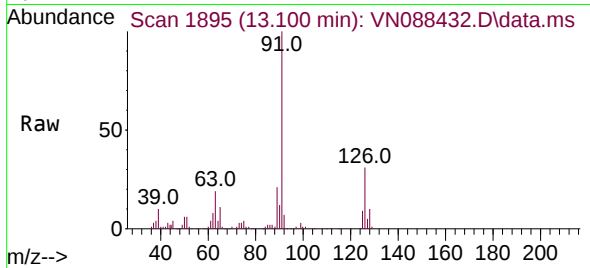
Tgt Ion:	91	Resp:	384189
Ion Ratio	Lower	Upper	
91	100		
120	21.0	10.9	32.6





#79
2-Chlorotoluene
Concen: 19.270 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

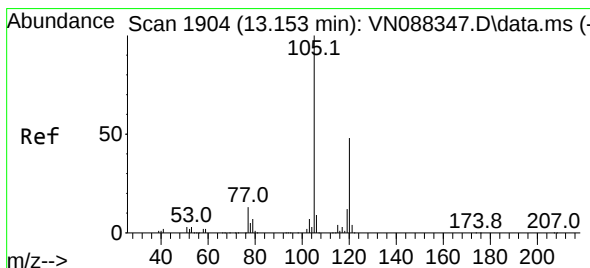
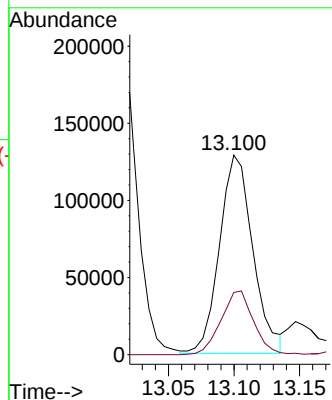
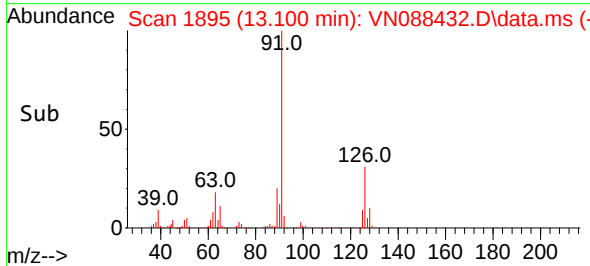
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



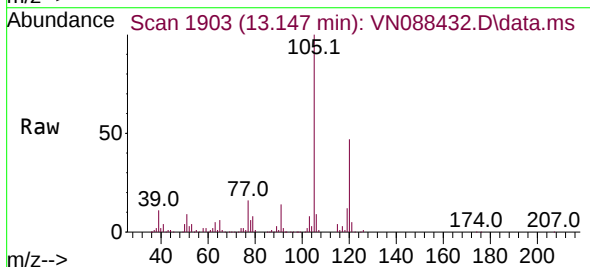
Tgt Ion: 91 Resp: 227899
Ion Ratio Lower Upper
91 100
126 31.4 15.3 45.9

Manual Integrations
APPROVED

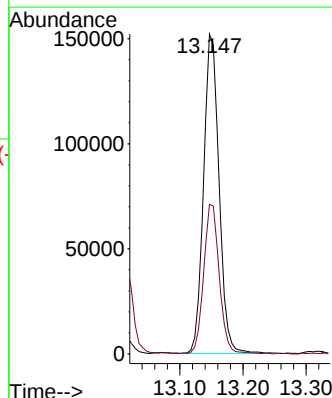
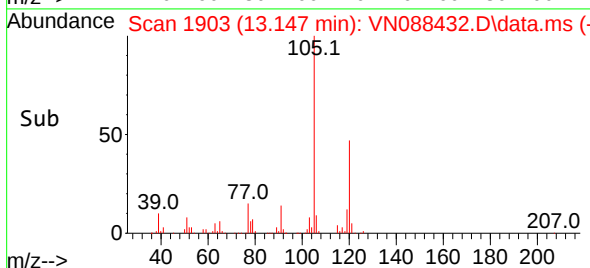
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

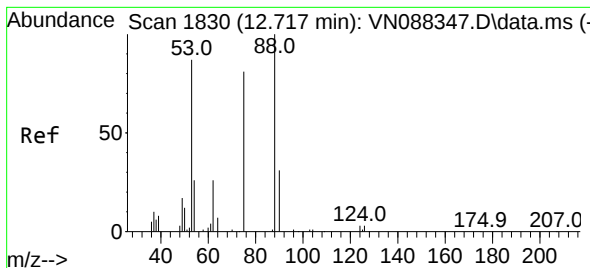


#80
1,3,5-Trimethylbenzene
Concen: 19.733 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17



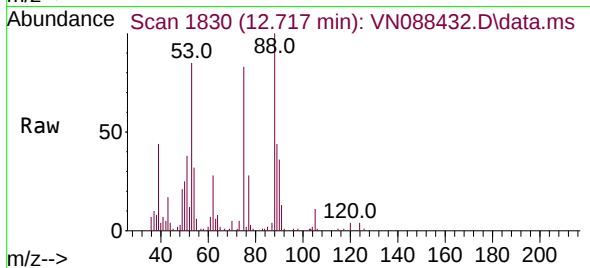
Tgt Ion:105 Resp: 258850
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.248 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

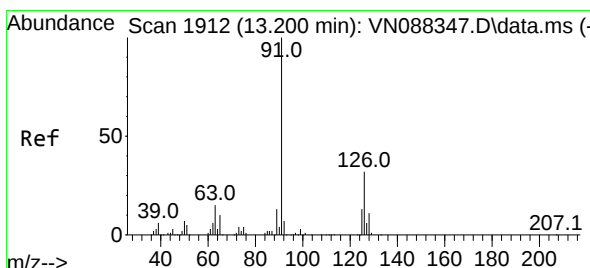
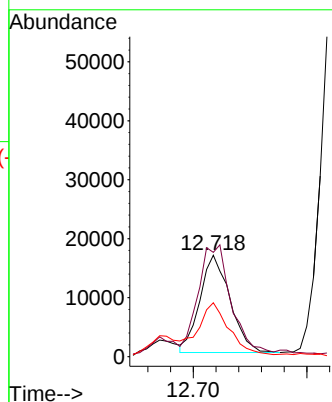
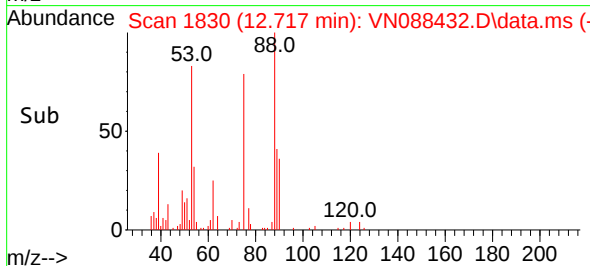
Instrument :
MSVOA_N
Client Sample Id :
VN1203WBSD01



Tgt Ion: 75 Resp: 30488
Ion Ratio Lower Upper
75 100
53 119.8 92.2 138.4
89 54.6 0.0 0.0

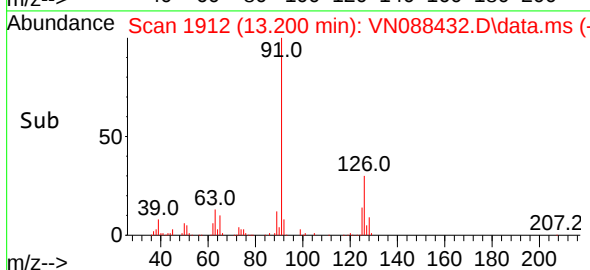
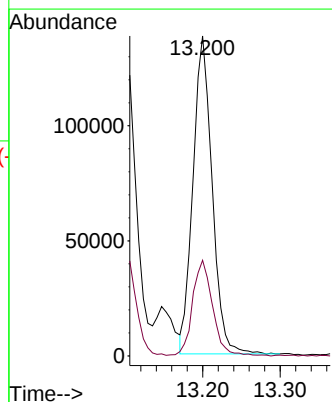
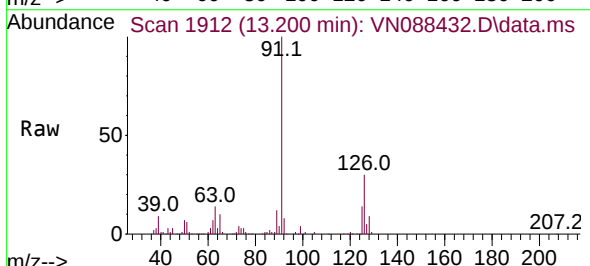
Manual Integrations
APPROVED

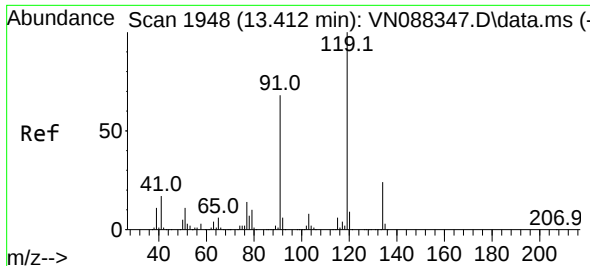
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 20.185 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

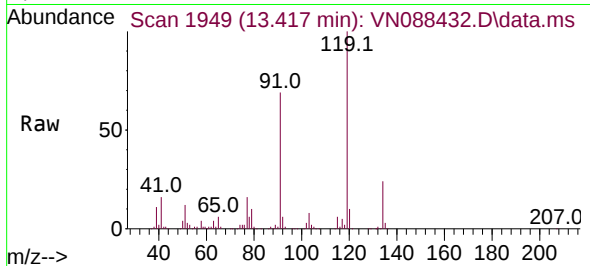
Tgt Ion: 91 Resp: 237099
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.7





#83
tert-Butylbenzene
Concen: 19.193 ug/l
RT: 13.417 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

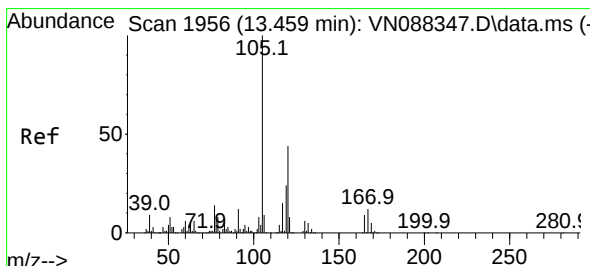
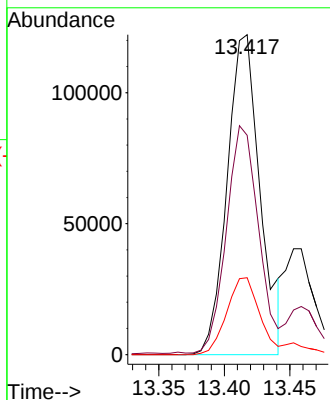
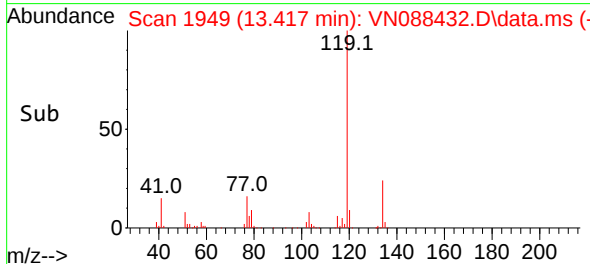
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



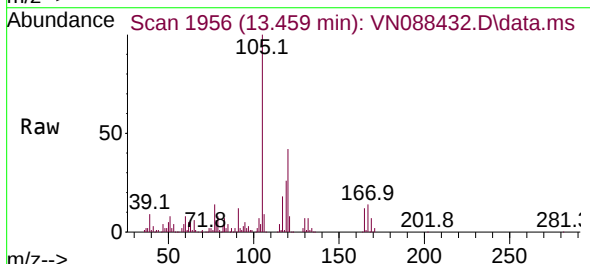
Tgt Ion:119 Resp: 214026
Ion Ratio Lower Upper
119 100
91 69.5 35.1 105.3
134 26.6 12.8 38.4

Manual Integrations
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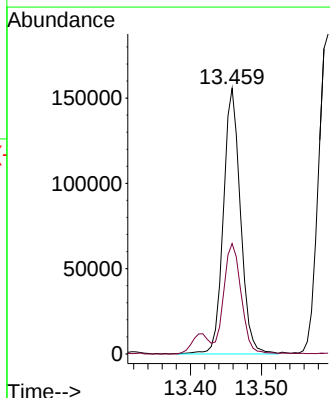
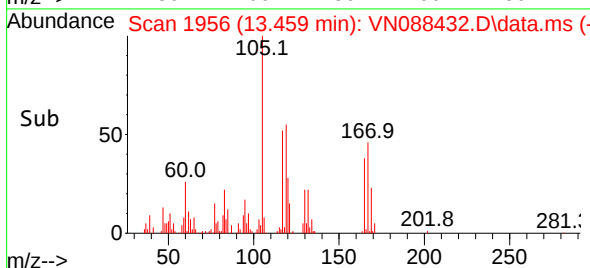
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

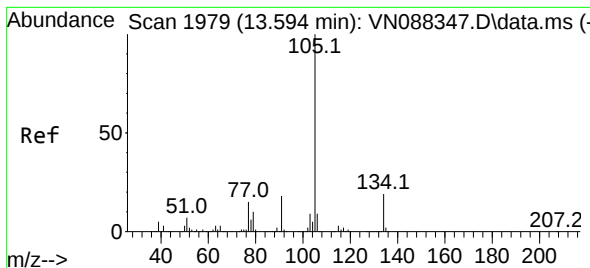


#84
1,2,4-Trimethylbenzene
Concen: 19.991 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17



Tgt Ion:105 Resp: 260658
Ion Ratio Lower Upper
105 100
120 42.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 19.386 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion:105 Resp: 310564

Ion Ratio Lower Upper

105 100

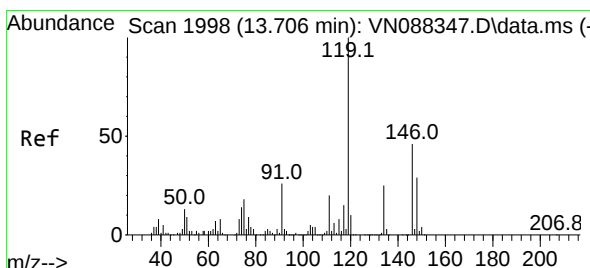
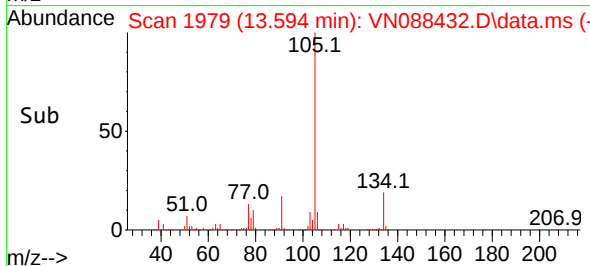
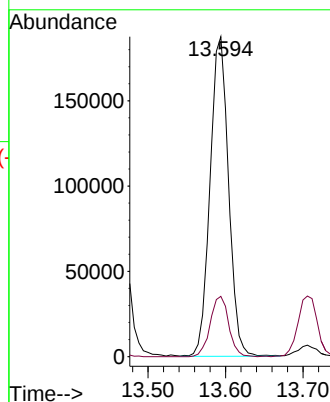
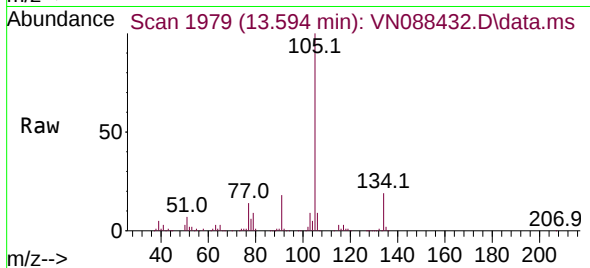
134 18.8 9.5 28.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#86

p-Isopropyltoluene

Concen: 19.614 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088432.D

Acq: 03 Dec 2025 16:17

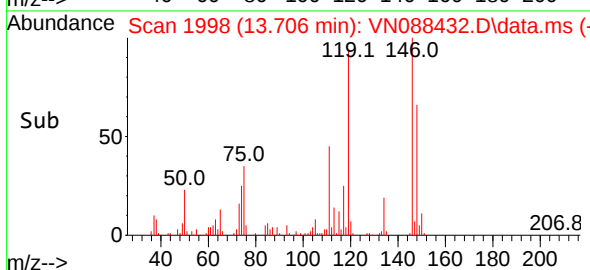
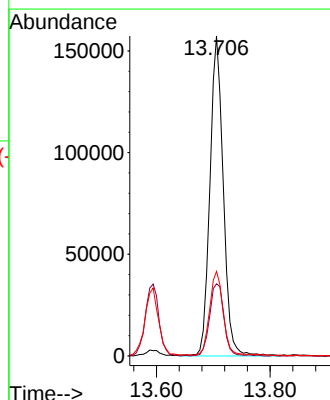
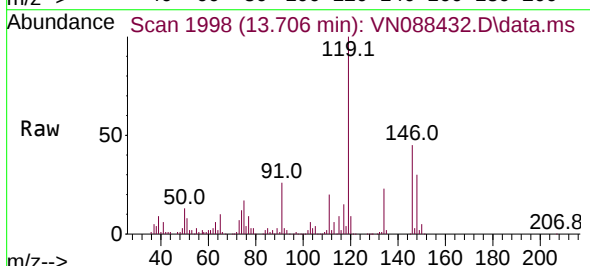
Tgt Ion:119 Resp: 257654

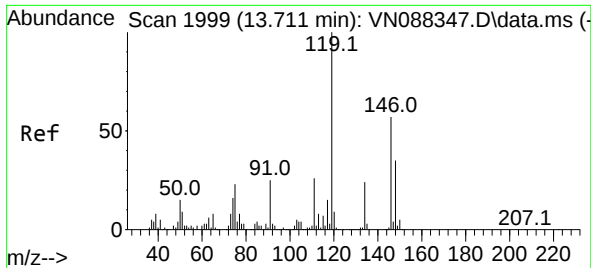
Ion Ratio Lower Upper

119 100

134 24.3 12.2 36.6

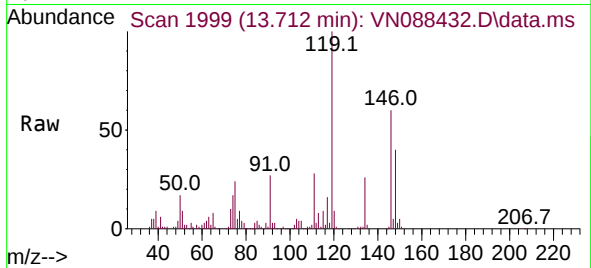
91 27.0 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 19.919 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

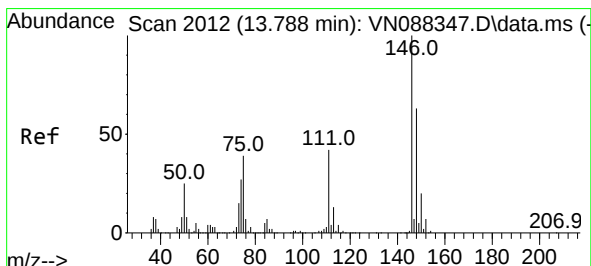
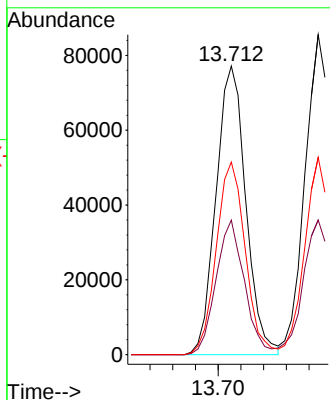
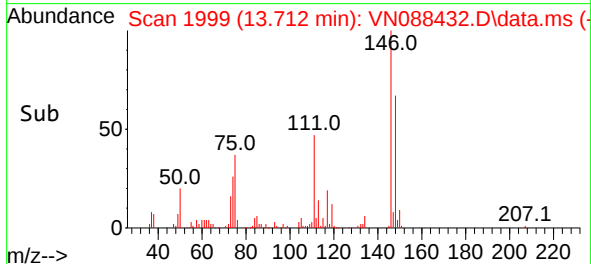
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



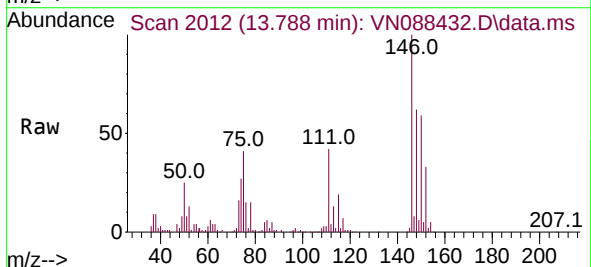
Tgt Ion:146 Resp: 140444
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.0
148 65.1 31.6 94.8

Manual Integrations
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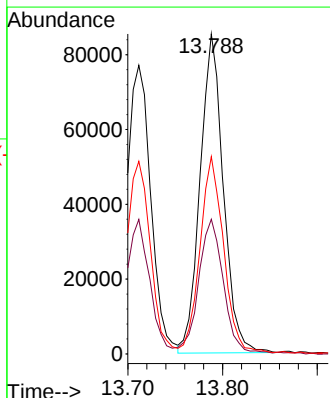
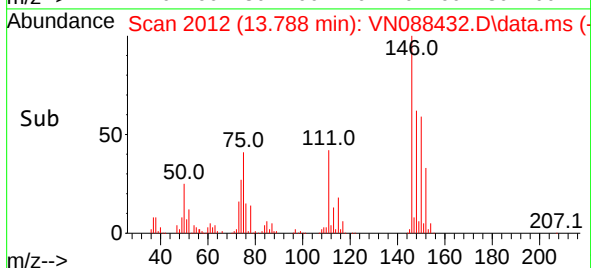
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

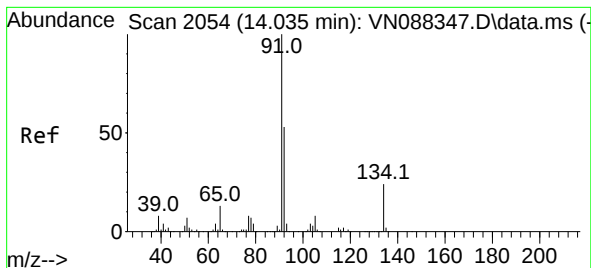


#88
1,4-Dichlorobenzene
Concen: 19.696 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17



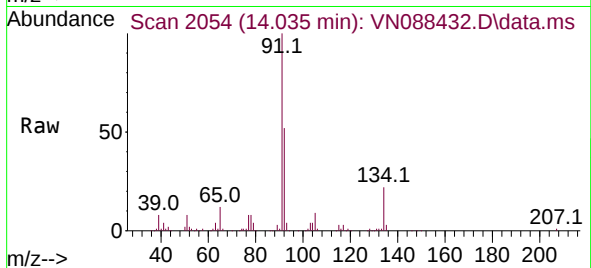
Tgt Ion:146 Resp: 145470
Ion Ratio Lower Upper
146 100
111 45.7 21.6 64.6
148 62.4 31.0 93.0





#89
n-Butylbenzene
Concen: 19.000 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

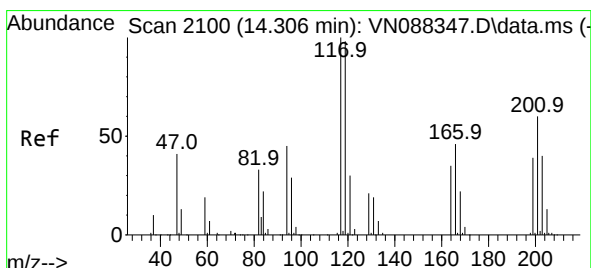
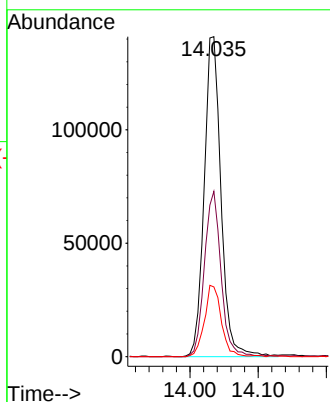
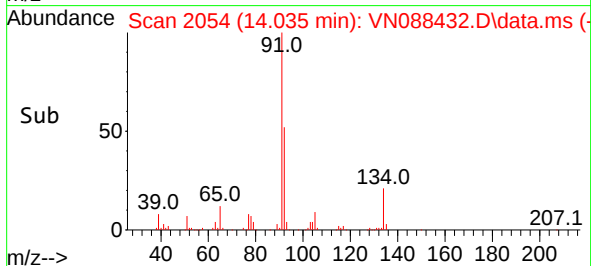
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 91 Resp: 242333
Ion Ratio Lower Upper
91 100
92 50.8 26.1 78.3
134 22.3 11.7 35.1

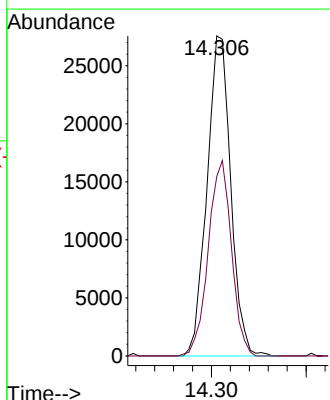
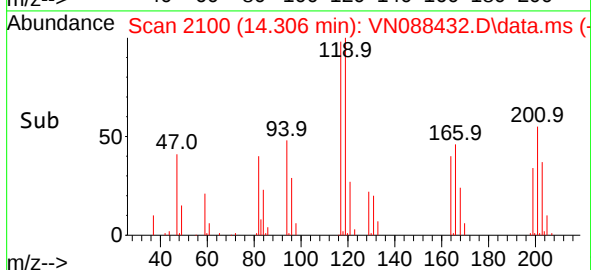
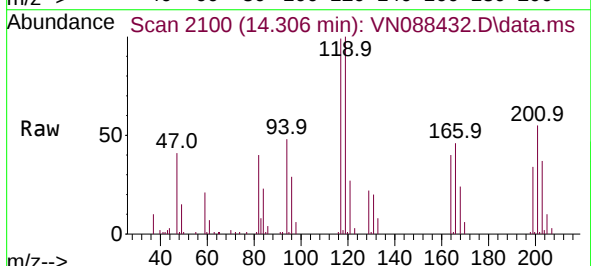
Manual Integrations
APPROVED

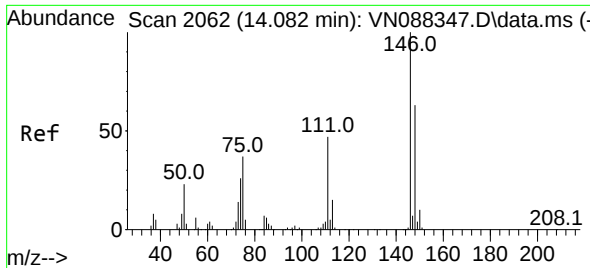
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#90
Hexachloroethane
Concen: 20.016 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Tgt Ion:117 Resp: 48032
Ion Ratio Lower Upper
117 100
201 59.6 30.3 90.9





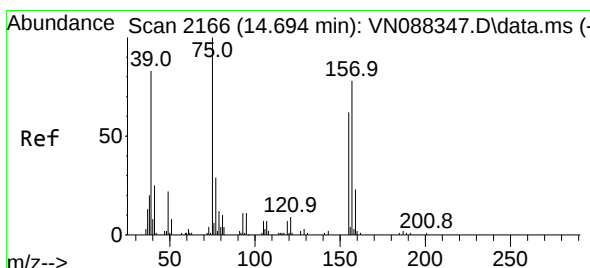
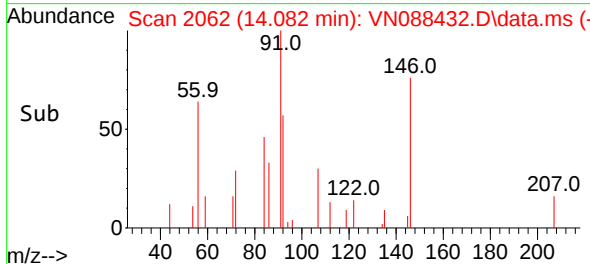
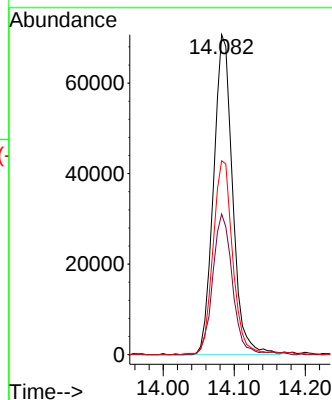
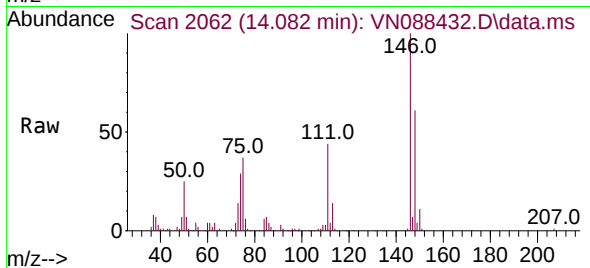
#91
1,2-Dichlorobenzene
Concen: 19.844 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tgt Ion:146 Resp: 13167
Ion Ratio Lower Upper
146 100
111 45.7 23.3 69.9
148 62.5 31.8 95.4

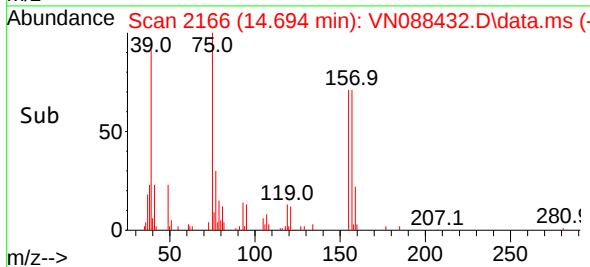
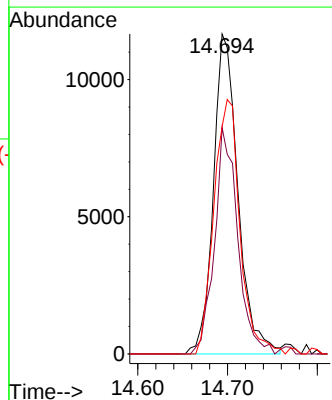
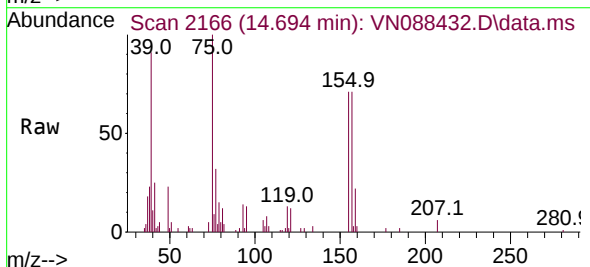
Manual Integrations
APPROVED

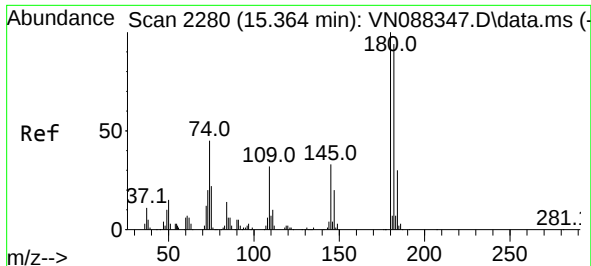
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.928 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

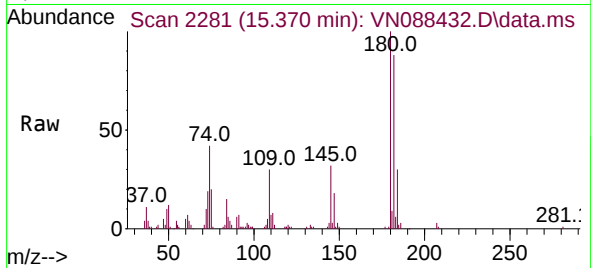
Tgt Ion: 75 Resp: 22261
Ion Ratio Lower Upper
75 100
155 66.8 33.7 101.1
157 84.6 43.8 131.3





#93
1,2,4-Trichlorobenzene
Concen: 17.545 ug/l
RT: 15.370 min Scan# 2280
Delta R.T. 0.006 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

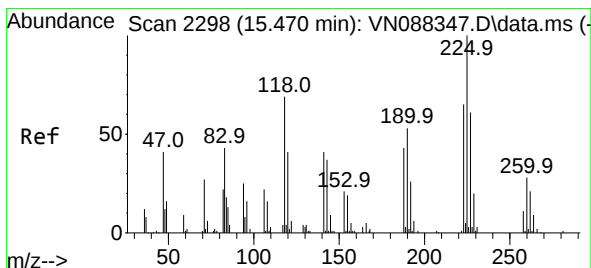
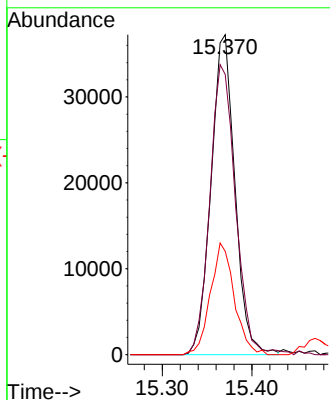
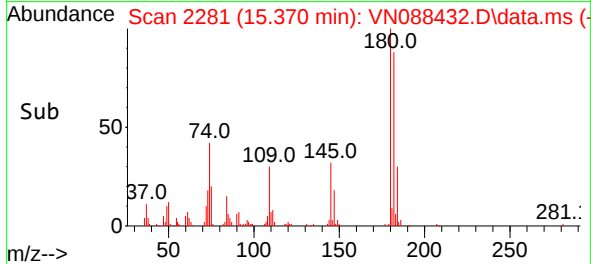
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:180 Resp: 69170
Ion Ratio Lower Upper
180 100
182 97.4 46.1 138.2
145 34.9 16.7 50.1

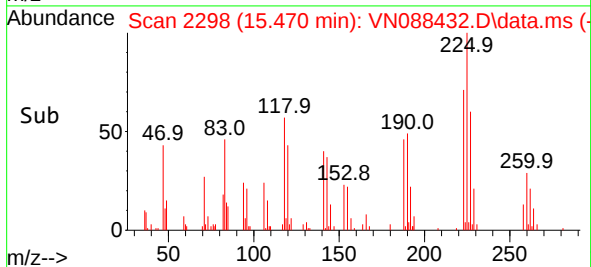
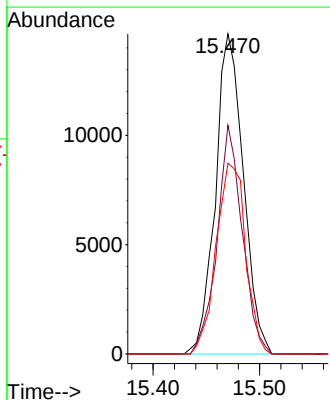
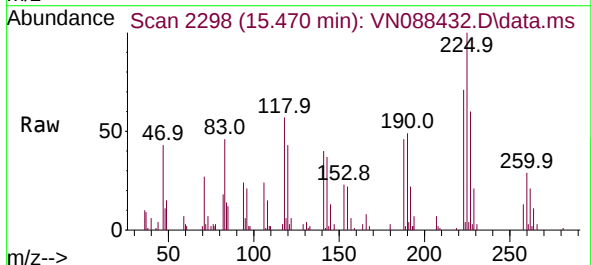
Manual Integrations
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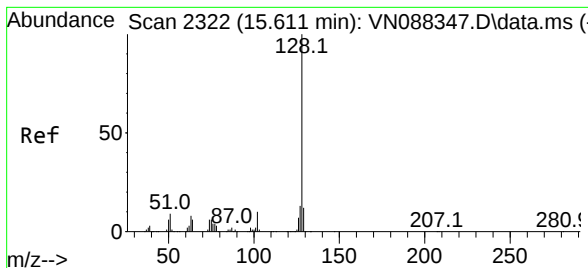
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#94
Hexachlorobutadiene
Concen: 18.864 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

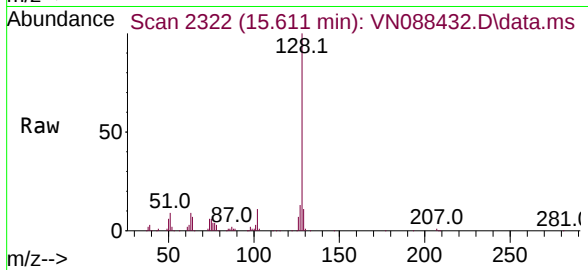
Tgt Ion:225 Resp: 26725
Ion Ratio Lower Upper
225 100
223 64.3 32.3 96.8
227 62.6 29.9 89.8





#95
Naphthalene
Concen: 17.810 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17

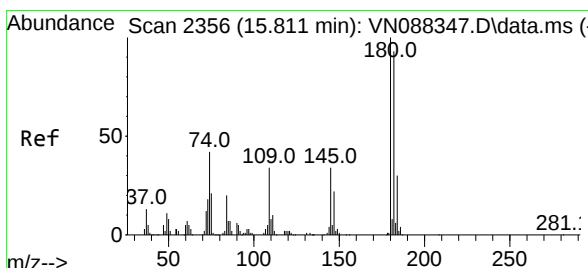
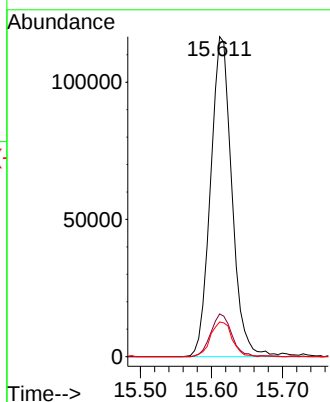
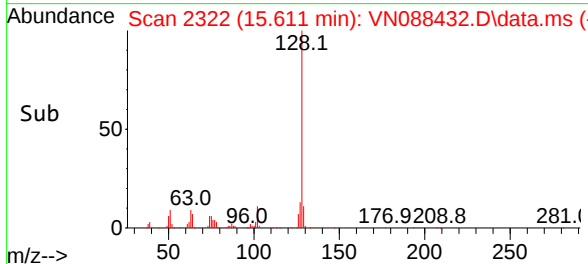
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



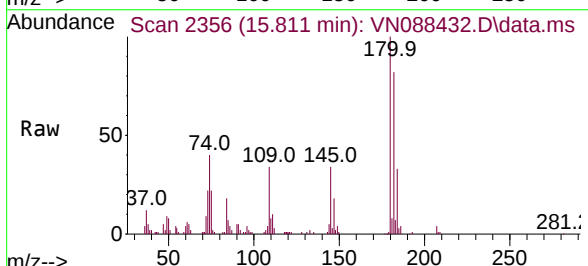
Tgt Ion:128 Resp: 243313
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.625 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088432.D
Acq: 03 Dec 2025 16:17



Tgt Ion:180 Resp: 71458
Ion Ratio Lower Upper
180 100
182 92.7 45.9 137.7
145 33.9 17.8 53.4

