

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
 Data File : VN088444.D
 Acq On : 04 Dec 2025 14:45
 Operator : JC\MD
 Sample : VN1204WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2025
 Supervised By : Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 00:15:47 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)

Internal Standards						
1) Pentafluorobenzene	8.206	168	290727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	529277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	469866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	229597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	306737	56.007	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.020%			
35) Dibromofluoromethane	8.147	113	194821	53.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.240%			
50) Toluene-d8	10.541	98	719265	52.704	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.829	95	263766	56.328	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	87020	19.928	ug/l	94
3) Chloromethane	2.383	50	84956	18.114	ug/l	97
4) Vinyl Chloride	2.536	62	90740	19.018	ug/l	96
5) Bromomethane	2.983	94	43017	18.733	ug/l	94
6) Chloroethane	3.148	64	55928	18.942	ug/l	99
7) Trichlorofluoromethane	3.518	101	138107	20.595	ug/l	99
8) Diethyl Ether	3.965	74	49843	19.803	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	71554	20.043	ug/l	99
10) Methyl Iodide	4.589	142	65248	18.463	ug/l	95
11) Tert butyl alcohol	5.518	59	80431	91.985	ug/l	99
12) 1,1-Dichloroethene	4.342	96	69022	19.460	ug/l	96
13) Acrolein	4.177	56	94599	113.005	ug/l	99
14) Allyl chloride	5.012	41	126430	19.231	ug/l	98
15) Acrylonitrile	5.706	53	250738	99.389	ug/l	98
16) Acetone	4.424	43	191583	96.727	ug/l	95
17) Carbon Disulfide	4.706	76	214025	18.466	ug/l	99
18) Methyl Acetate	5.018	43	126740	21.497	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	277962	20.917	ug/l	100
20) Methylene Chloride	5.265	84	79618	18.788	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	74638	18.996	ug/l	84
22) Diisopropyl ether	6.659	45	291659	20.780	ug/l	97
23) Vinyl Acetate	6.589	43	1291270	114.189	ug/l	100
24) 1,1-Dichloroethane	6.553	63	156380	19.675	ug/l	99
25) 2-Butanone	7.465	43	318927	100.161	ug/l	97
26) 2,2-Dichloropropane	7.471	77	138156	20.137	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	88188	19.313	ug/l	96
28) Bromochloromethane	7.800	49	73205	18.489	ug/l	98
29) Tetrahydrofuran	7.824	42	234483	102.668	ug/l	98
30) Chloroform	7.947	83	157238	20.133	ug/l	93
31) Cyclohexane	8.241	56	140672	19.530	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	141532	20.610	ug/l	94
36) 1,1-Dichloropropene	8.353	75	108661	19.196	ug/l	99
37) Ethyl Acetate	7.547	43	150629	20.237	ug/l	99
38) Carbon Tetrachloride	8.341	117	114598	20.336	ug/l	98
39) Methylcyclohexane	9.577	83	114089	18.842	ug/l	97
40) Benzene	8.588	78	320551	19.294	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	76908	20.862	ug/l	96
42) 1,2-Dichloroethane	8.653	62	136648	21.558	ug/l	99
43) Isopropyl Acetate	8.671	43	226089	19.881	ug/l	98
44) Trichloroethene	9.330	130	73312	18.675	ug/l	89
45) 1,2-Dichloropropane	9.600	63	83457	19.606	ug/l	90
46) Dibromomethane	9.688	93	61573	20.269	ug/l	98
47) Bromodichloromethane	9.865	83	126000	20.328	ug/l	98
48) Methyl methacrylate	9.659	41	106808	20.584	ug/l	98
49) 1,4-Dioxane	9.682	88	23459	355.507	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	707725	105.581	ug/l	99
52) Toluene	10.606	92	192863	20.104	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	127987	20.116	ug/l	93
54) cis-1,3-Dichloropropene	10.288	75	132808	19.849	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	76705	20.666	ug/l	98
56) Ethyl methacrylate	10.859	69	126407	21.560	ug/l	99
57) 1,3-Dichloropropane	11.141	76	138389	20.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	320414	94.794	ug/l	98
59) 2-Hexanone	11.177	43	425614	100.793	ug/l	96
60) Dibromochloromethane	11.335	129	88166	20.837	ug/l	99
61) 1,2-Dibromoethane	11.447	107	78440	20.870	ug/l	99
64) Tetrachloroethene	11.082	164	64323	17.268	ug/l	97
65) Chlorobenzene	11.871	112	208506	19.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	71468	20.077	ug/l	99
67) Ethyl Benzene	11.941	91	364543	19.762	ug/l	98
68) m/p-Xylenes	12.047	106	273590	40.003	ug/l	97
69) o-Xylene	12.376	106	129944	19.929	ug/l	100
70) Styrene	12.388	104	216021	20.404	ug/l	98
71) Bromoform	12.559	173	53817	20.641	ug/l #	99
73) Isopropylbenzene	12.671	105	347231	20.454	ug/l	98
74) N-amyl acetate	12.682	43	111327m	19.256	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	111054	20.235	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	113801m	21.162	ug/l	
77) Bromobenzene	12.959	156	77652	19.992	ug/l	96
78) n-propylbenzene	13.012	91	421199	20.281	ug/l	100
79) 2-Chlorotoluene	13.106	91	253171	19.962	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	281269	19.995	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	35239	18.590	ug/l #	93
82) 4-Chlorotoluene	13.200	91	267452	21.232	ug/l	99
83) tert-Butylbenzene	13.412	119	239926	20.064	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	286265	20.474	ug/l	97
85) sec-Butylbenzene	13.594	105	344400	20.048	ug/l	99
86) p-Isopropyltoluene	13.706	119	283564	20.130	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	148014	19.576	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	152072	19.200	ug/l	96
89) n-Butylbenzene	14.035	91	267202	19.536	ug/l	97
90) Hexachloroethane	14.312	117	48757	18.947	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	144112	20.254	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	26992	20.271	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	81616	19.305	ug/l	97
94) Hexachlorobutadiene	15.470	225	27309	17.976	ug/l	94
95) Naphthalene	15.612	128	302681	20.661	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	77952	18.946	ug/l	96

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ClientSampleId :
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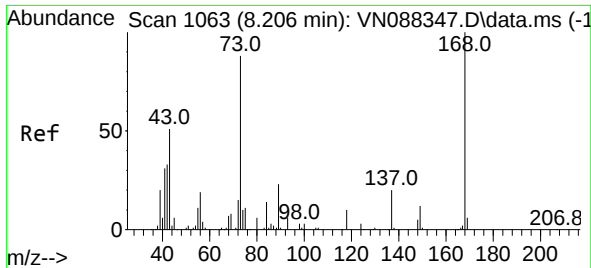
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

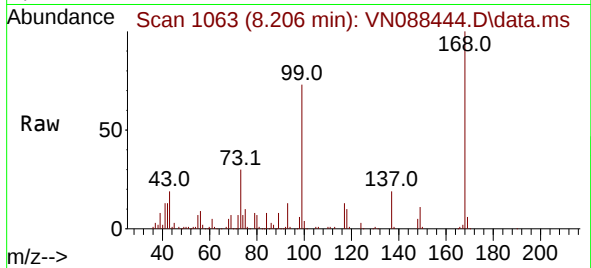
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088444.D
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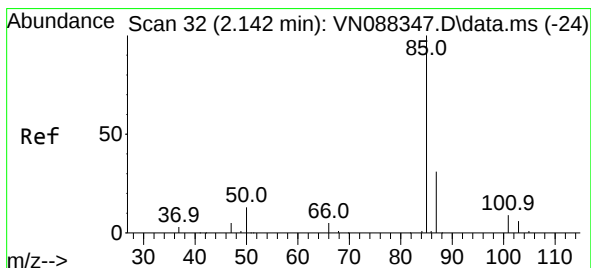
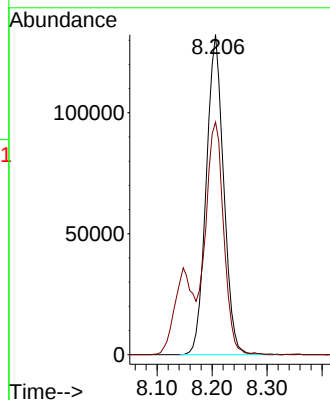
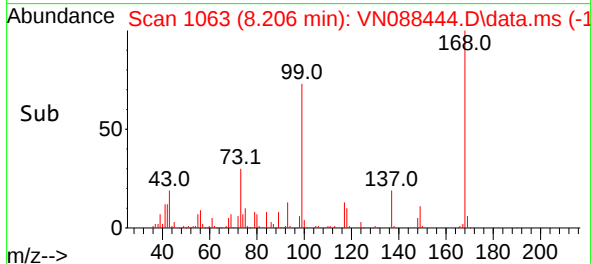
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion:168 Resp: 29072
Ion Ratio Lower Upper
168 100
99 72.7 57.1 85.7

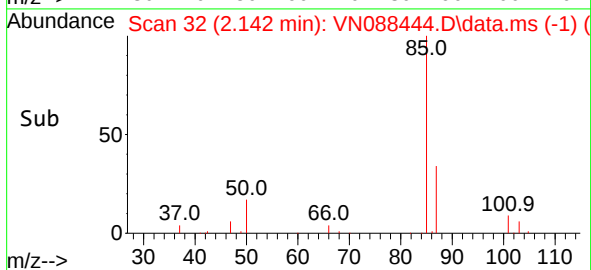
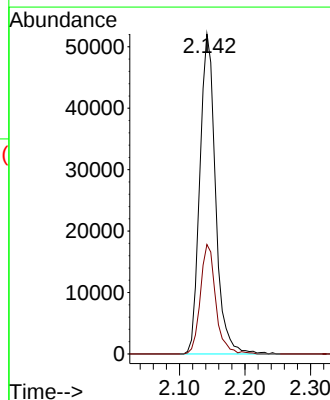
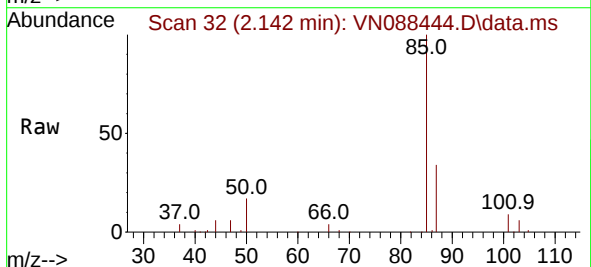
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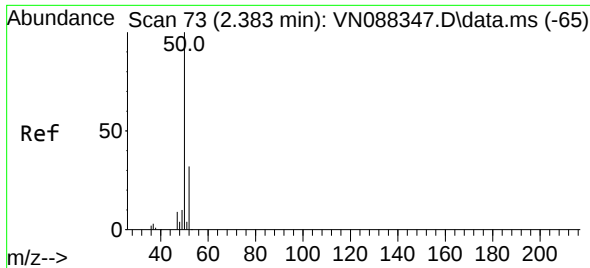
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#2
Dichlorodifluoromethane
Concen: 19.928 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

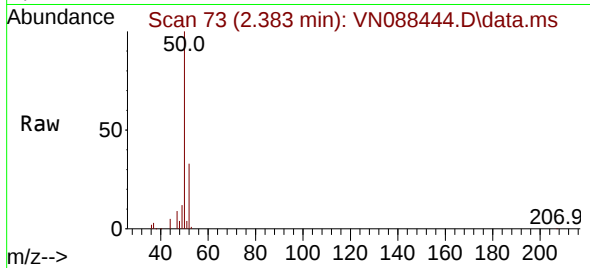
Tgt Ion: 85 Resp: 87020
Ion Ratio Lower Upper
85 100
87 34.2 15.6 46.7





#3
Chloromethane
Concen: 18.114 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

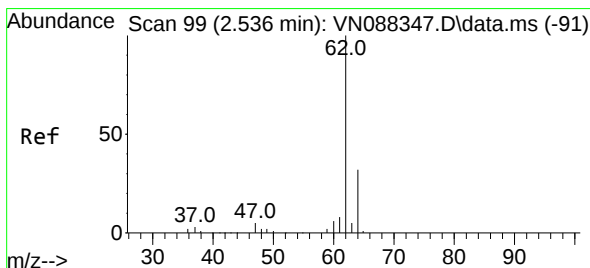
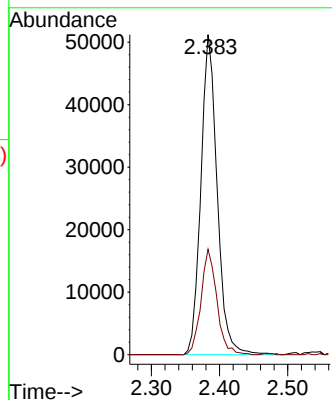
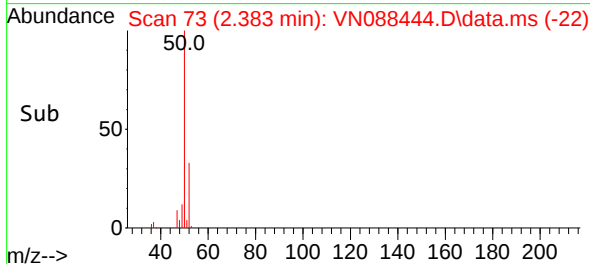
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Tgt Ion: 50 Resp: 84950
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8

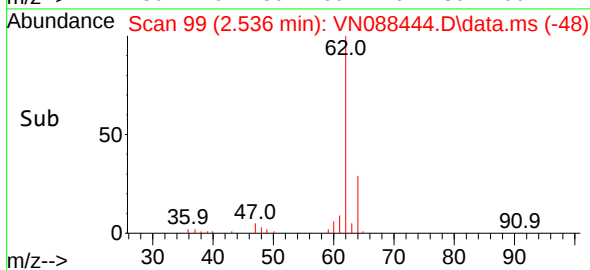
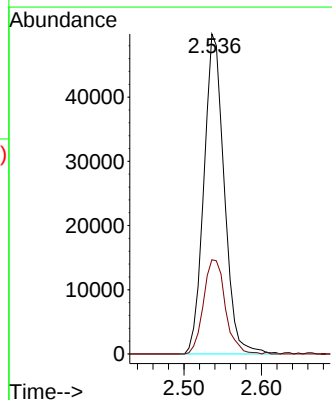
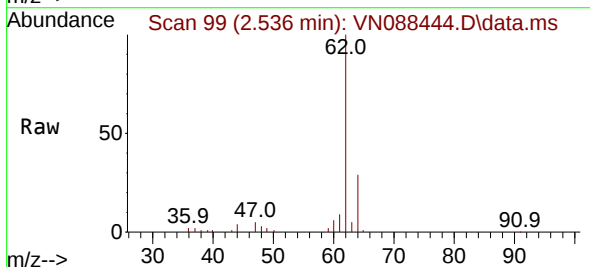
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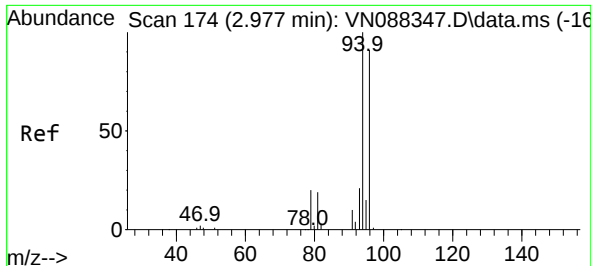
Reviewed By :John Carlone 12/05/2025
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#4
Vinyl Chloride
Concen: 19.018 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Tgt Ion: 62 Resp: 90740
Ion Ratio Lower Upper
62 100
64 29.5 25.4 38.2





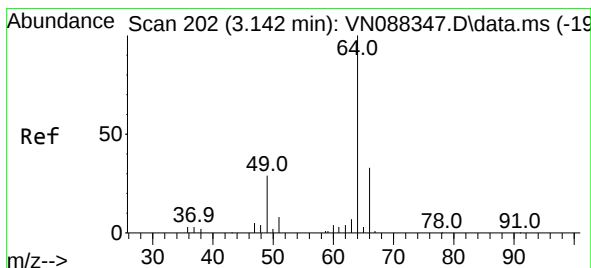
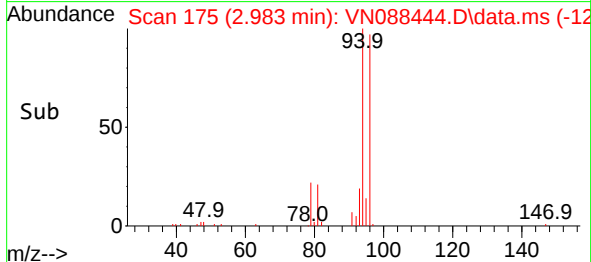
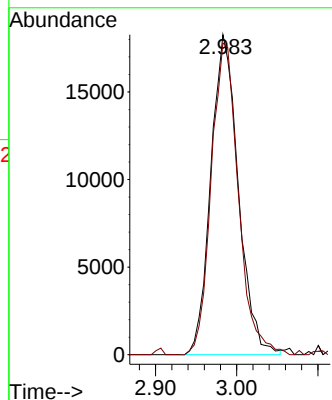
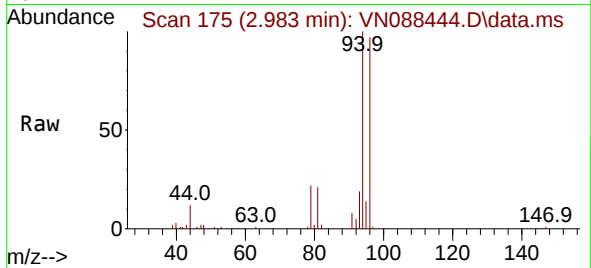
#5
Bromomethane
Concen: 18.733 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088444.D
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Instrument :
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Tgt Ion: 94 Resp: 4301
Ion Ratio Lower Upper
94 100
96 97.4 73.2 109.8

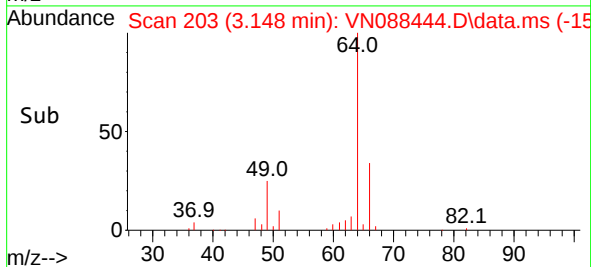
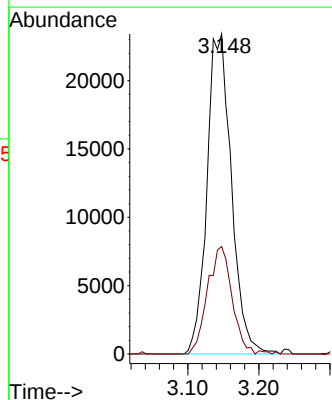
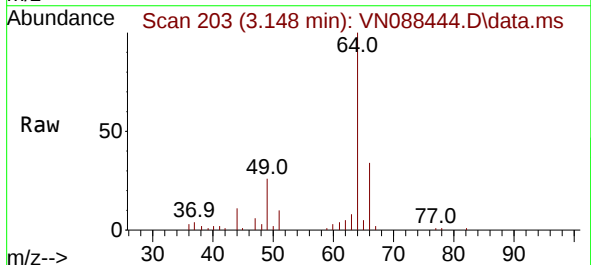
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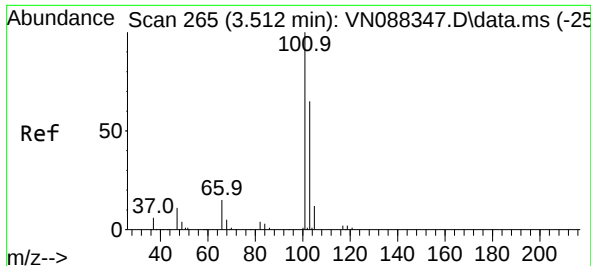
Reviewed By :John Carlone 12/05/2025
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#6
Chloroethane
Concen: 18.942 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Tgt Ion: 64 Resp: 55928
Ion Ratio Lower Upper
64 100
66 33.6 26.4 39.6





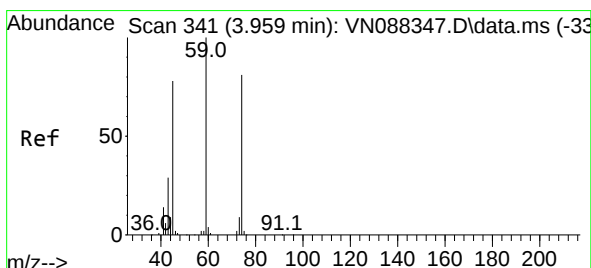
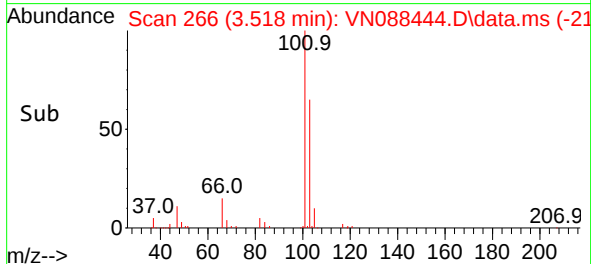
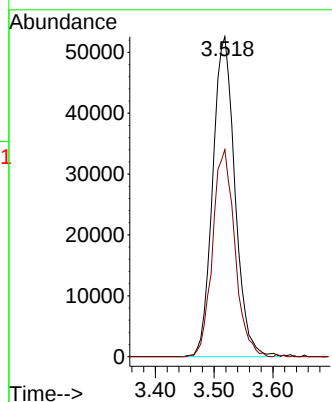
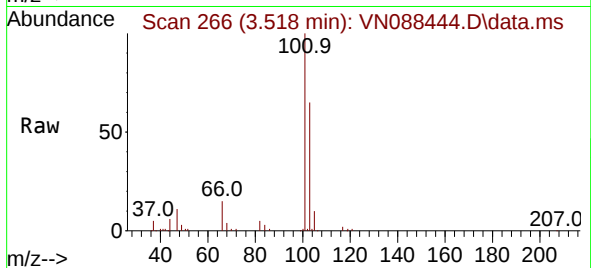
#7
Trichlorofluoromethane
Concen: 20.595 ug/l
RT: 3.518 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:101 Resp: 13810
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

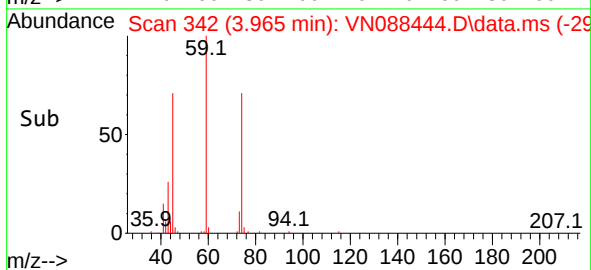
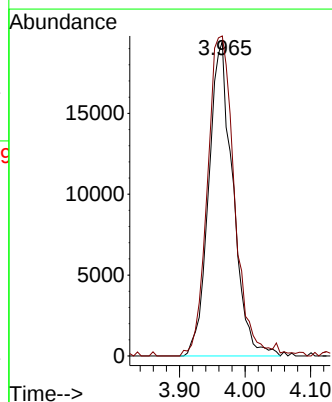
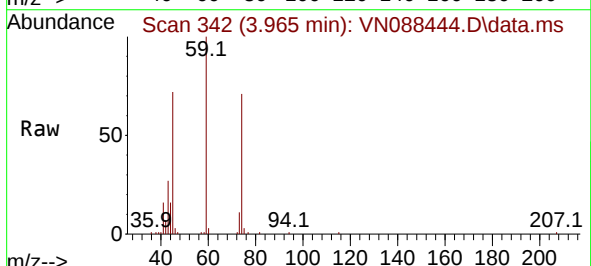
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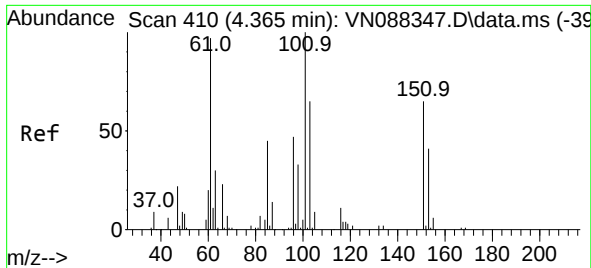
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#8
Diethyl Ether
Concen: 19.803 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Tgt Ion: 74 Resp: 49843
Ion Ratio Lower Upper
74 100
45 112.7 54.2 162.6





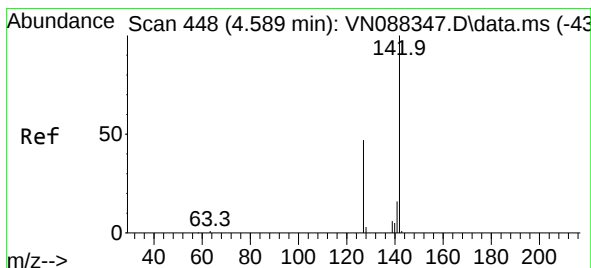
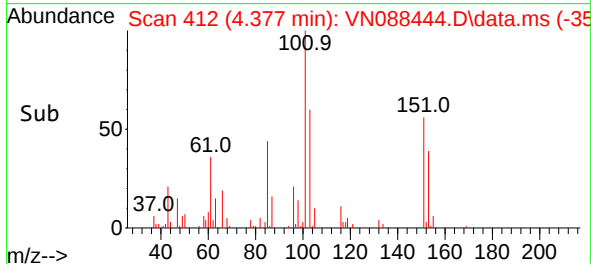
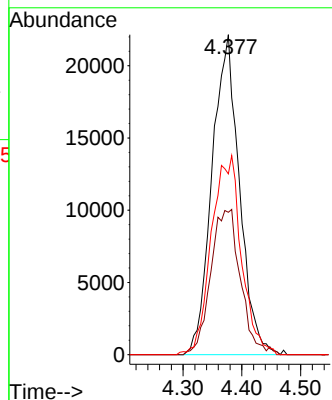
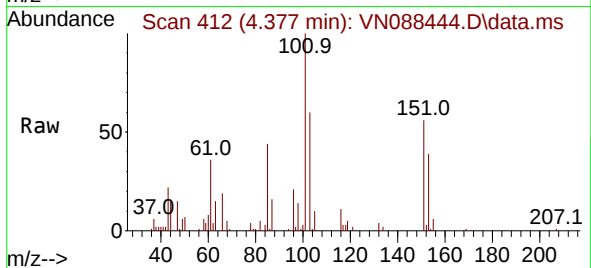
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.043 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:101 Resp: 71554
Ion Ratio Lower Upper
101 100
85 49.4 39.2 58.8
151 68.2 53.6 80.4

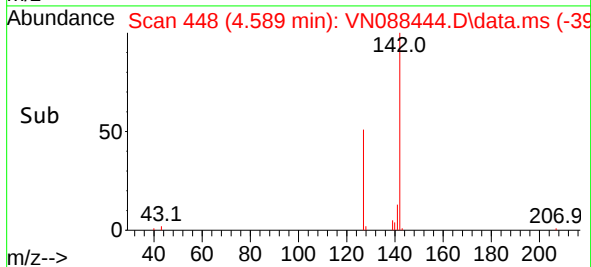
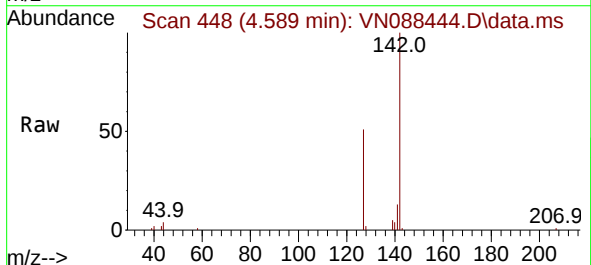
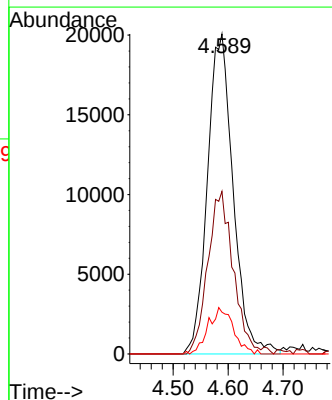
Manual Integrations
APPROVED

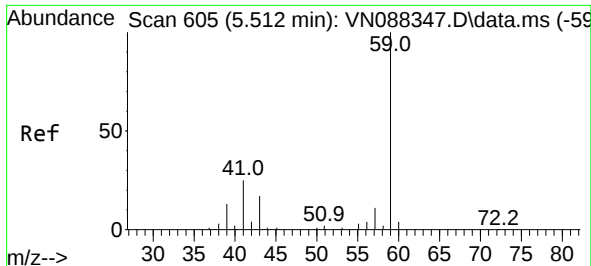
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#10
Methyl Iodide
Concen: 18.463 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Tgt Ion:142 Resp: 65248
Ion Ratio Lower Upper
142 100
127 50.8 37.9 56.9
141 13.0 12.4 18.6





#11

Tert butyl alcohol

Concen: 91.985 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion: 59 Resp: 8043

Ion Ratio Lower Upper

59 100

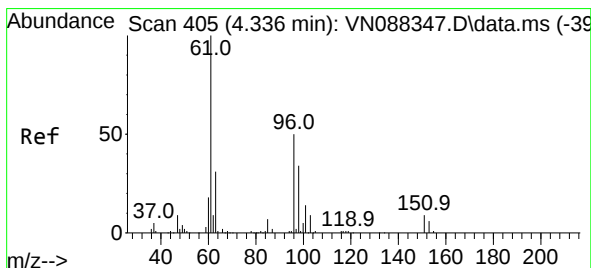
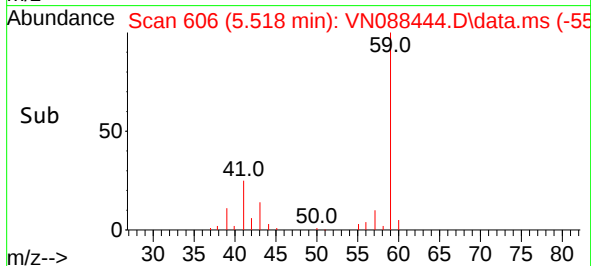
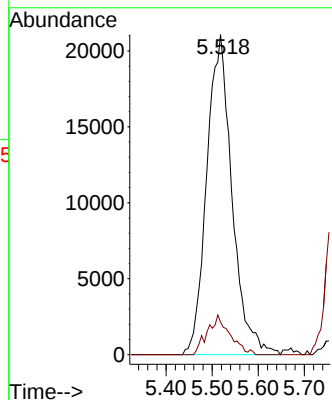
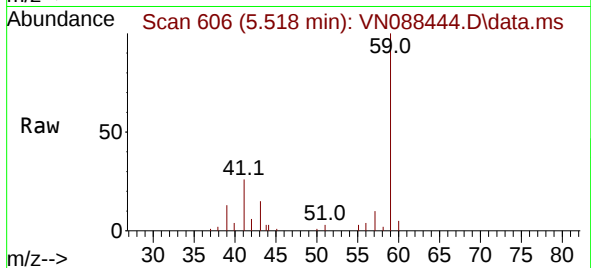
57 10.8 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#12

1,1-Dichloroethene

Concen: 19.460 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

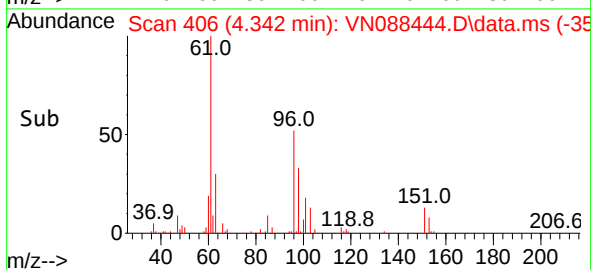
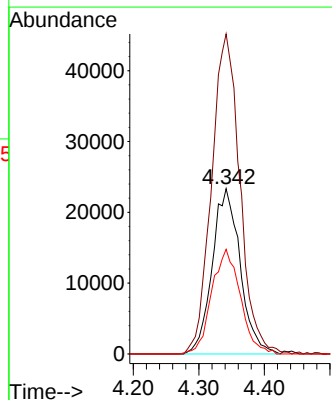
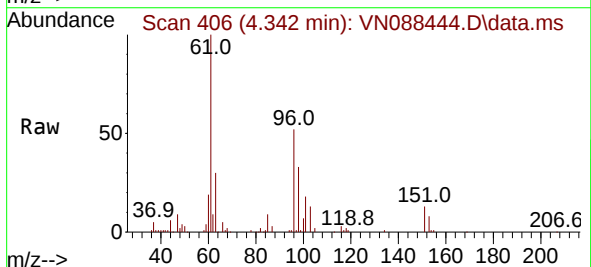
Tgt Ion: 96 Resp: 69022

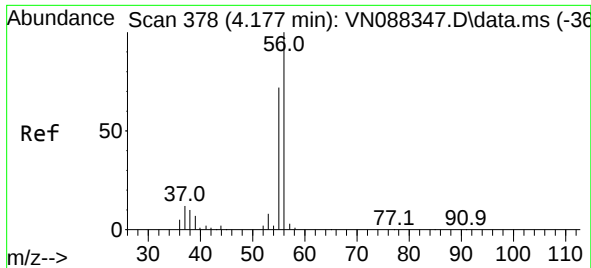
Ion Ratio Lower Upper

96 100

61 193.7 159.1 238.7

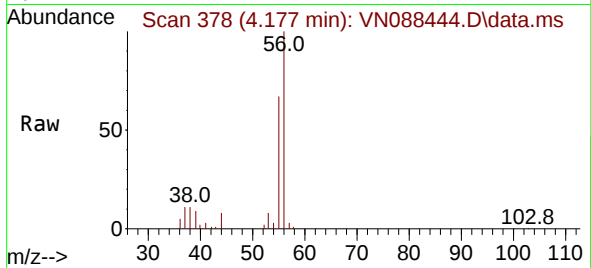
98 63.3 53.7 80.5





#13
Acrolein
Concen: 113.005 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

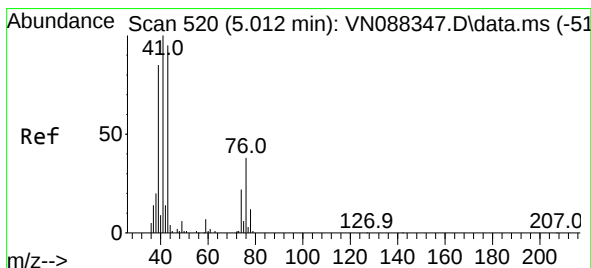
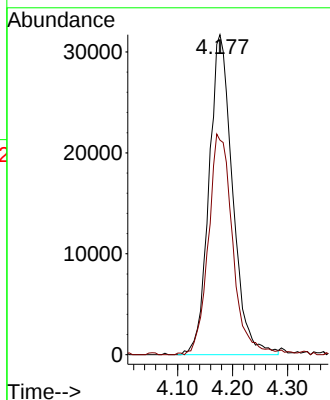
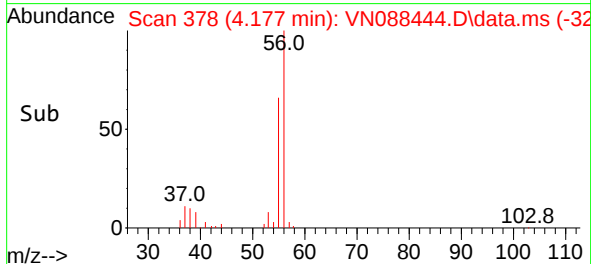
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 56 Resp: 9459
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5

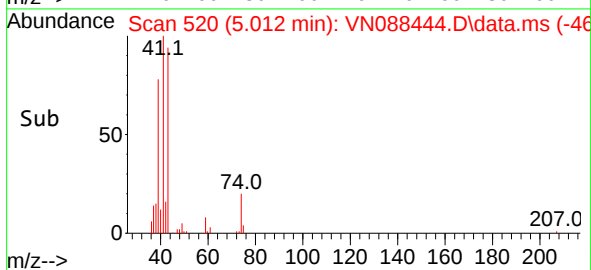
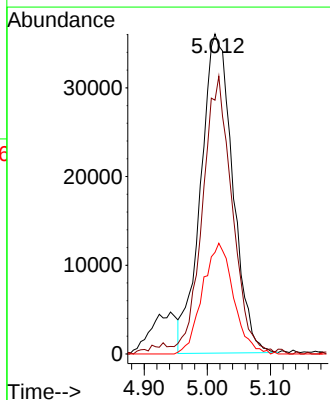
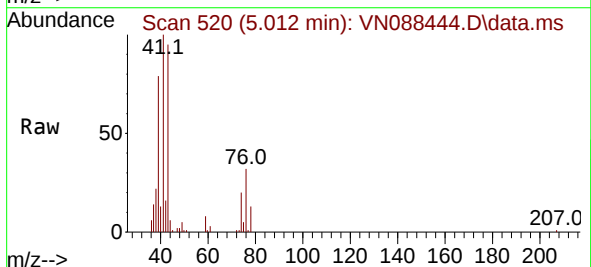
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#14
Allyl chloride
Concen: 19.231 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

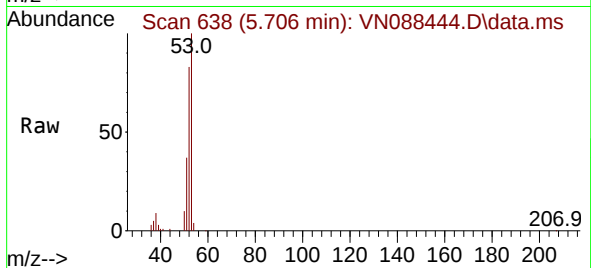
Tgt Ion: 41 Resp: 126430
Ion Ratio Lower Upper
41 100
39 79.7 64.7 97.1
76 33.7 29.1 43.7





#15
Acrylonitrile
Concen: 99.389 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

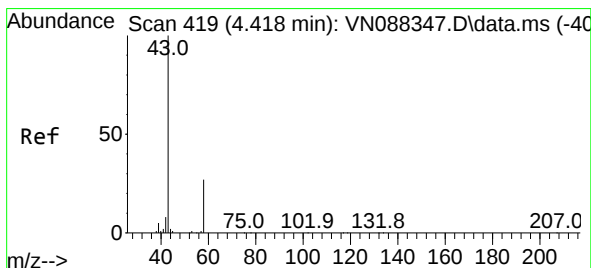
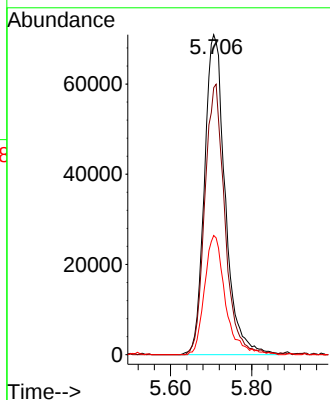
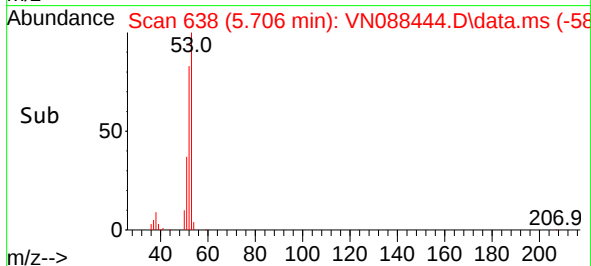
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 53 Resp: 250738
Ion Ratio Lower Upper
53 100
52 82.0 67.8 101.6
51 37.6 29.8 44.8

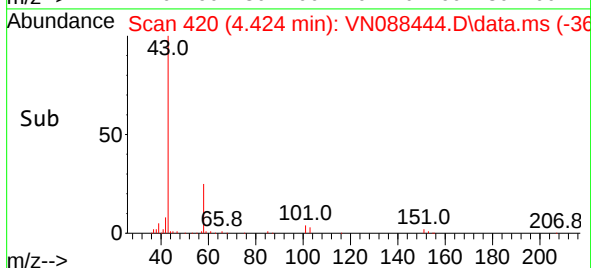
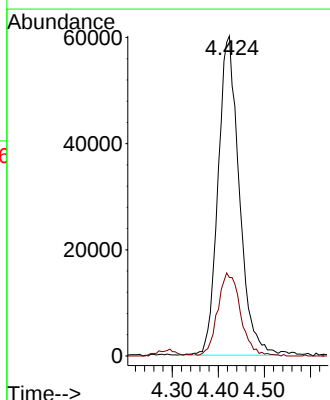
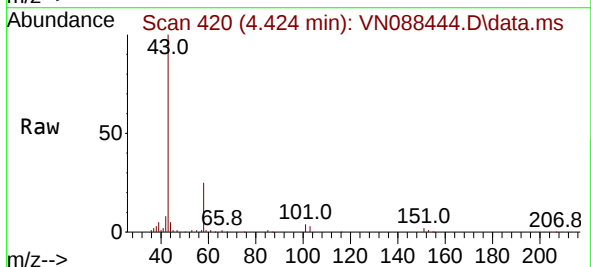
Manual Integrations
APPROVED

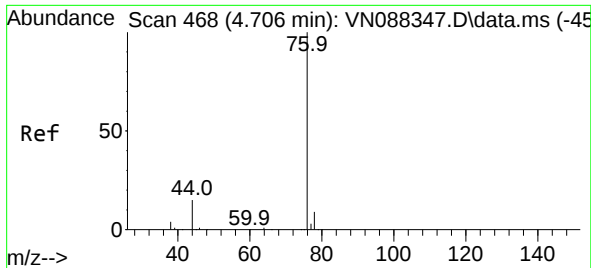
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#16
Acetone
Concen: 96.727 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

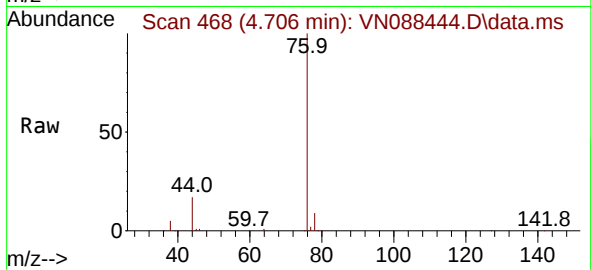
Tgt Ion: 43 Resp: 191583
Ion Ratio Lower Upper
43 100
58 24.3 21.7 32.5





#17
Carbon Disulfide
Concen: 18.466 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

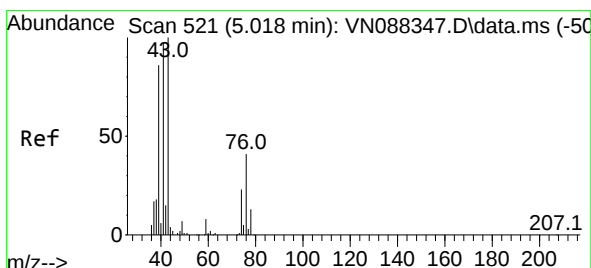
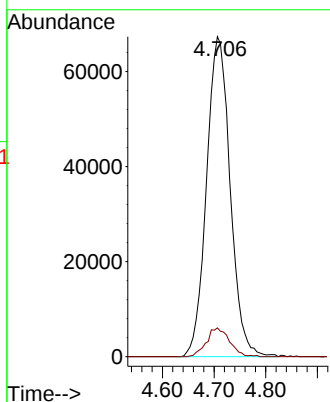
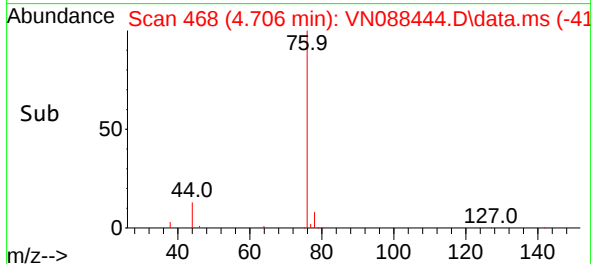
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 76 Resp: 214025
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

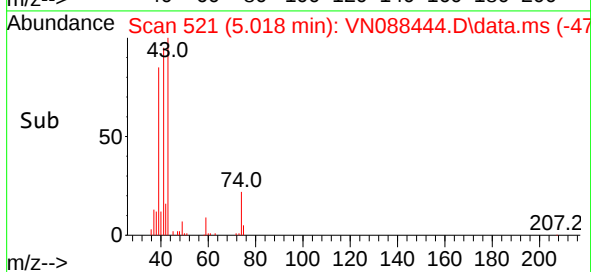
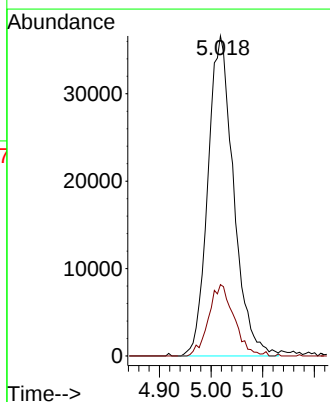
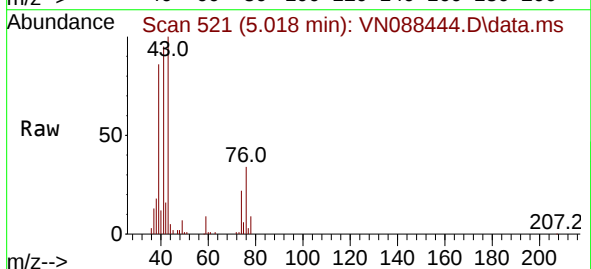
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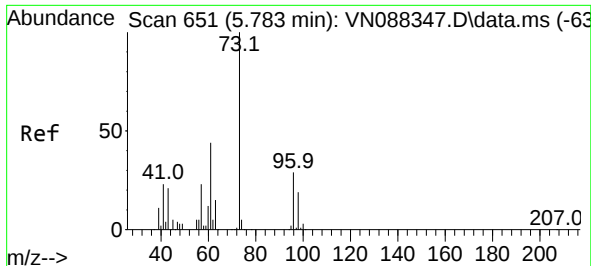
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#18
Methyl Acetate
Concen: 21.497 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

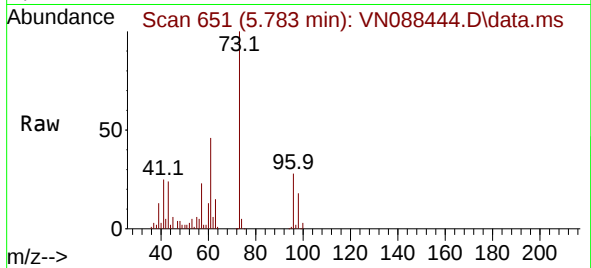
Tgt Ion: 43 Resp: 126740
Ion Ratio Lower Upper
43 100
74 22.0 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 20.917 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

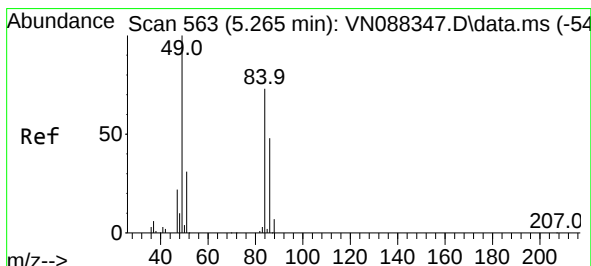
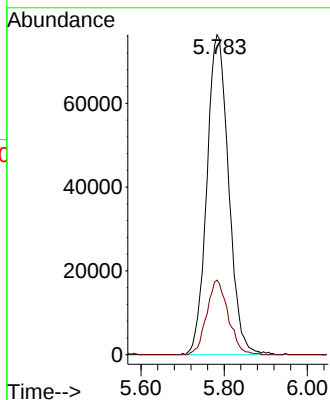
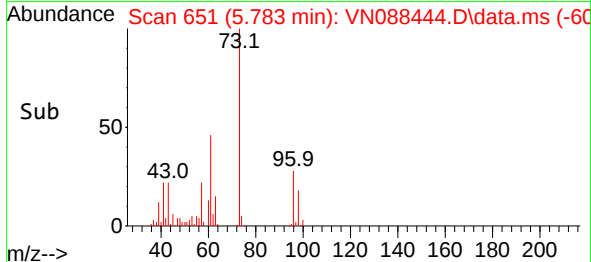
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 73 Resp: 277962
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0

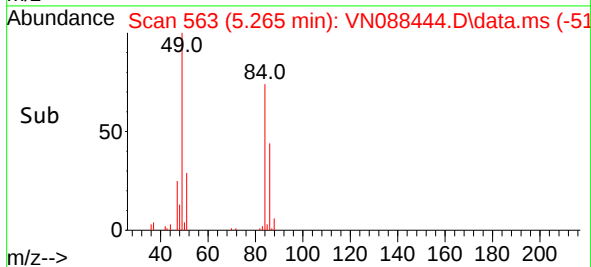
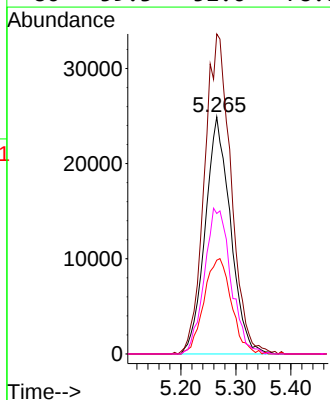
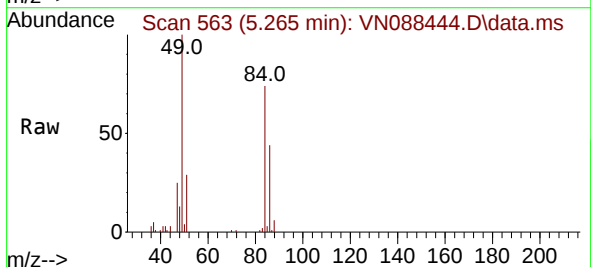
Manual Integrations
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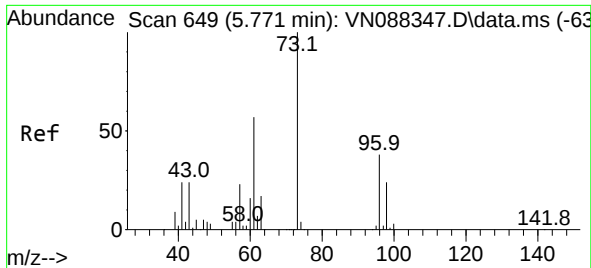
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#20
Methylene Chloride
Concen: 18.788 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Tgt Ion: 84 Resp: 79618
Ion Ratio Lower Upper
84 100
49 135.0 110.2 165.2
51 39.5 34.1 51.1
86 59.3 52.6 78.8





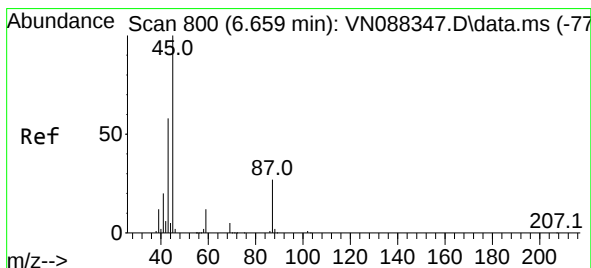
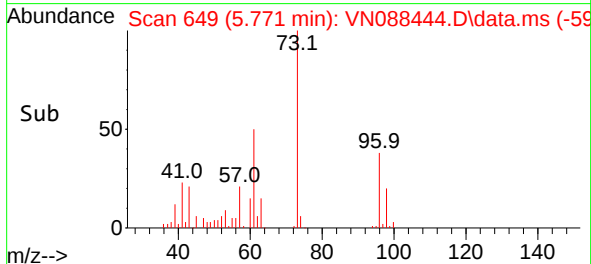
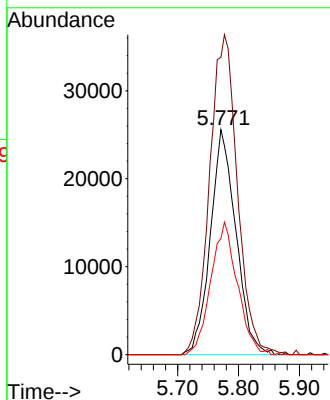
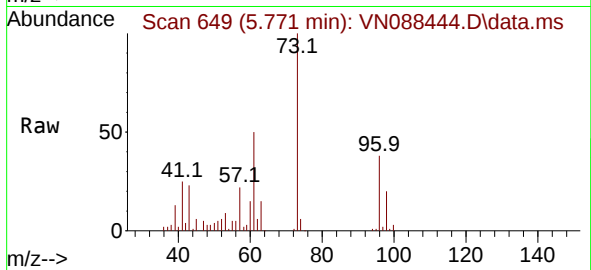
#21
trans-1,2-Dichloroethene
Concen: 18.996 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 96 Resp: 74638
Ion Ratio Lower Upper
96 100
61 132.2 122.4 183.6
98 51.7 50.9 76.3

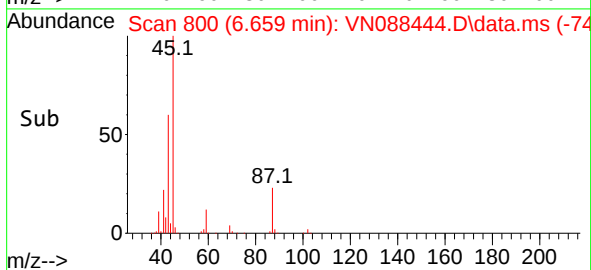
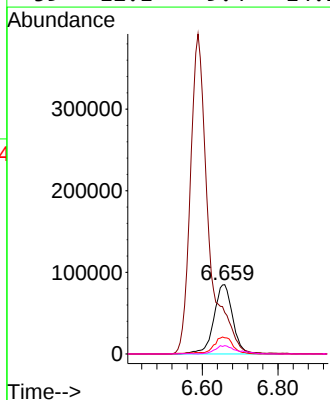
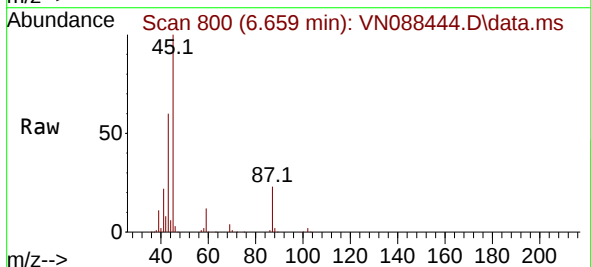
Manual Integrations
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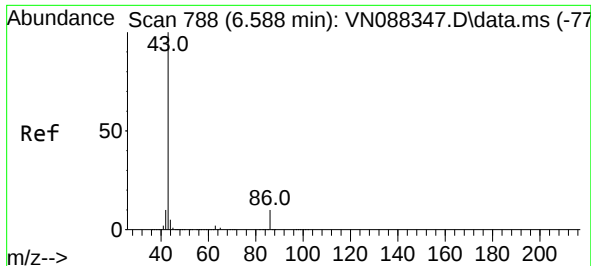
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#22
Diisopropyl ether
Concen: 20.780 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

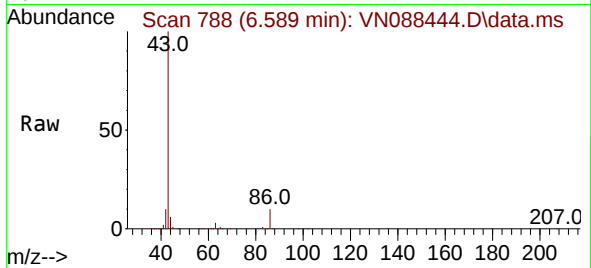
Tgt Ion: 45 Resp: 291659
Ion Ratio Lower Upper
45 100
43 58.8 47.4 71.2
87 23.5 21.9 32.9
59 12.1 9.4 14.2





#23
 Vinyl Acetate
 Concen: 114.189 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088444.D
 Acq: 04 Dec 2025 14:45

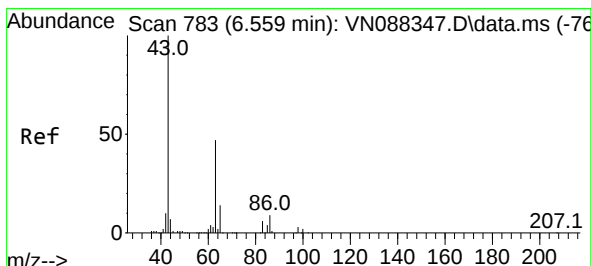
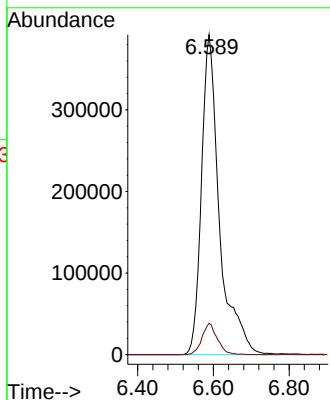
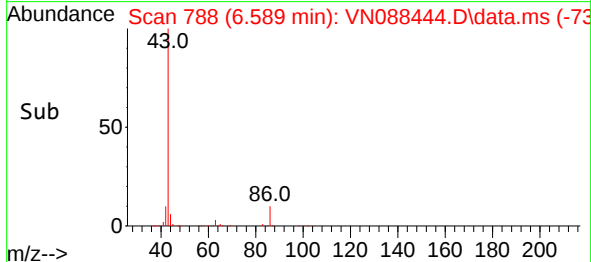
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01



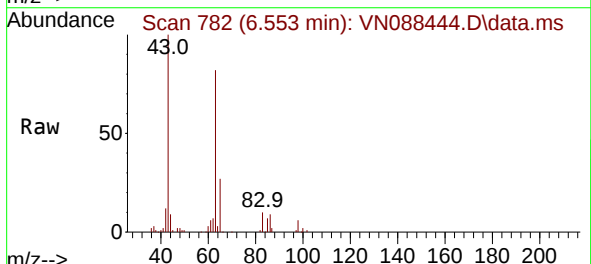
Tgt Ion: 43 Resp: 1291270
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
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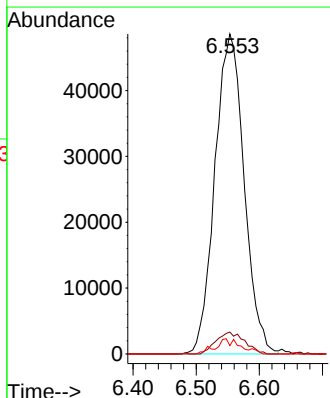
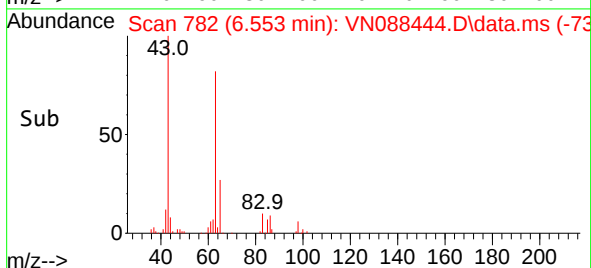
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025

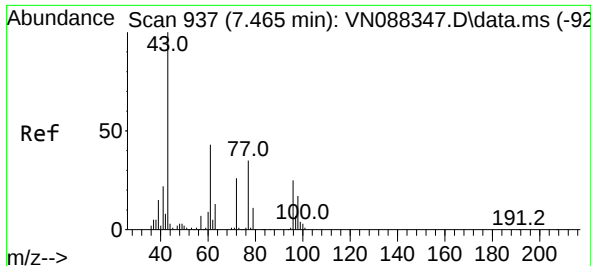


#24
 1,1-Dichloroethane
 Concen: 19.675 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088444.D
 Acq: 04 Dec 2025 14:45



Tgt Ion: 63 Resp: 156380
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 2.6 1.9 5.7





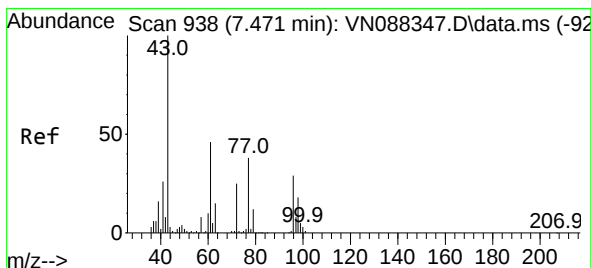
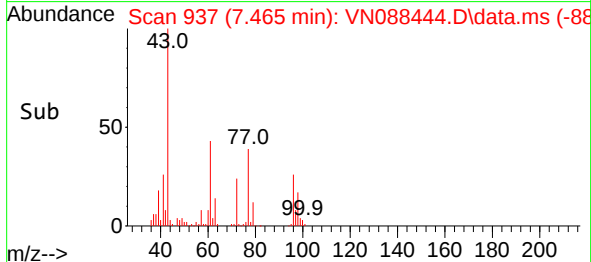
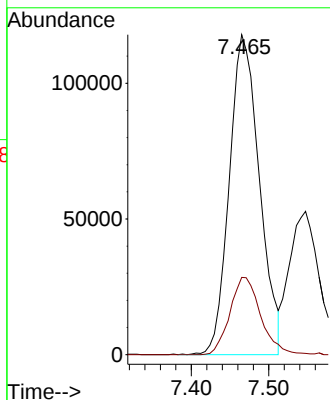
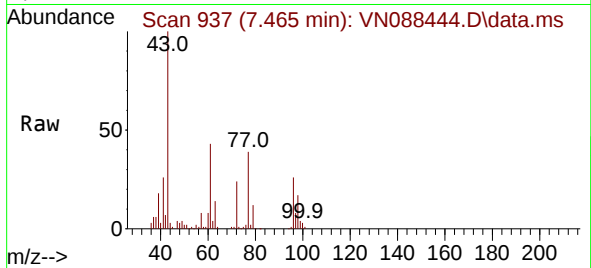
#25
2-Butanone
Concen: 100.161 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 43 Resp: 31892
Ion Ratio Lower Upper
43 100
72 24.2 20.5 30.7

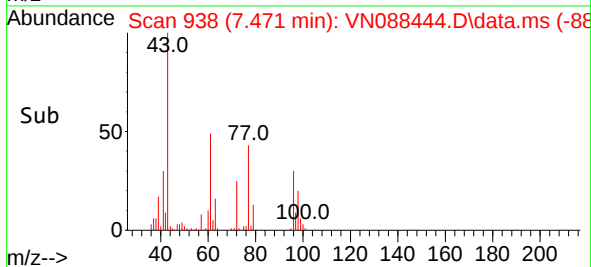
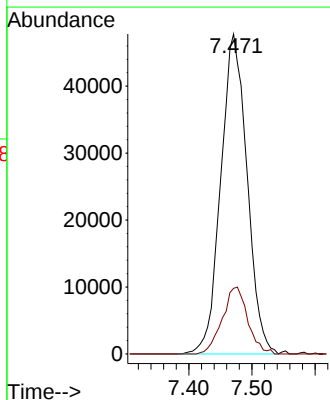
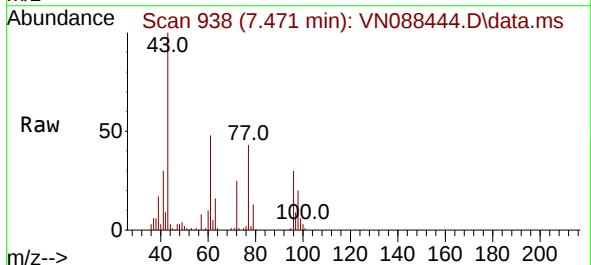
Manual Integrations
APPROVED

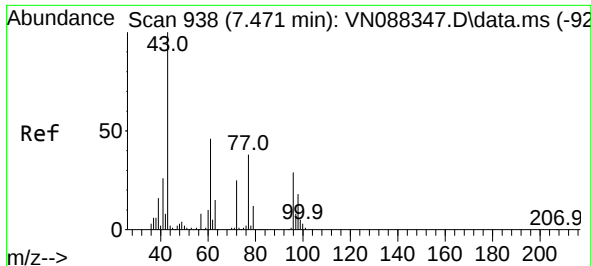
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#26
2,2-Dichloropropane
Concen: 20.137 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

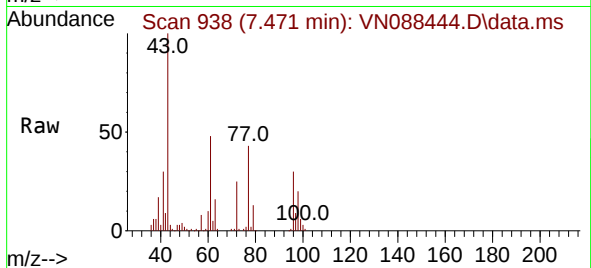
Tgt Ion: 77 Resp: 138156
Ion Ratio Lower Upper
77 100
97 20.2 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.313 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088444.D
 Acq: 04 Dec 2025 14:45

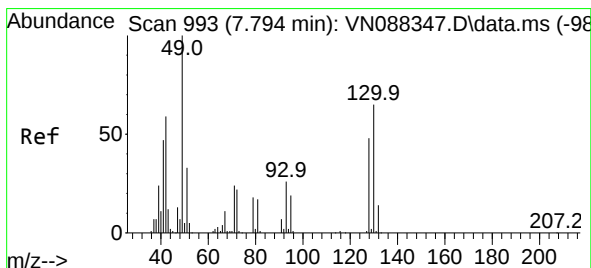
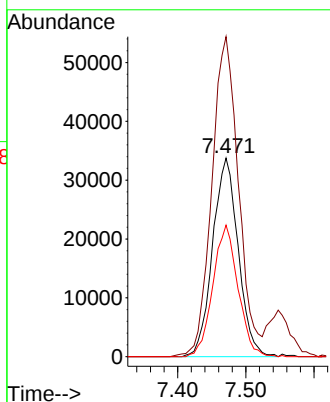
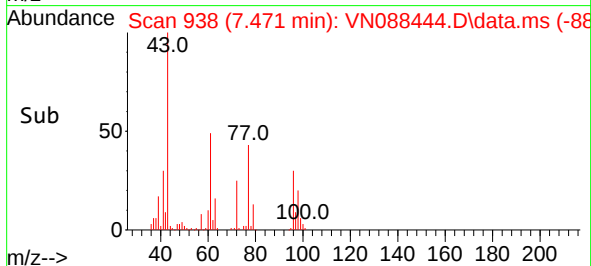
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01



Tgt Ion: 96 Resp: 8818
 Ion Ratio Lower Upper
 96 100
 61 168.0 0.0 323.6
 98 64.9 0.0 127.2

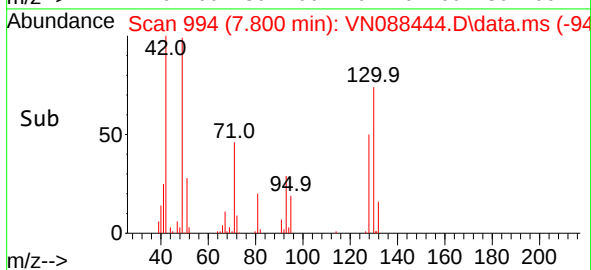
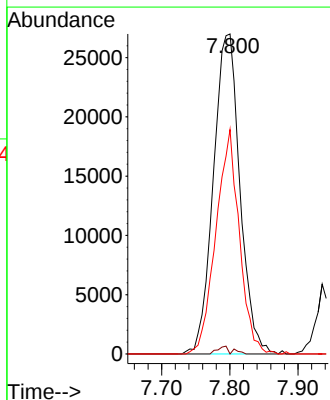
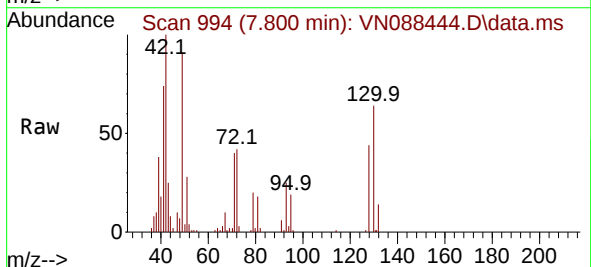
Manual Integrations
 APPROVED

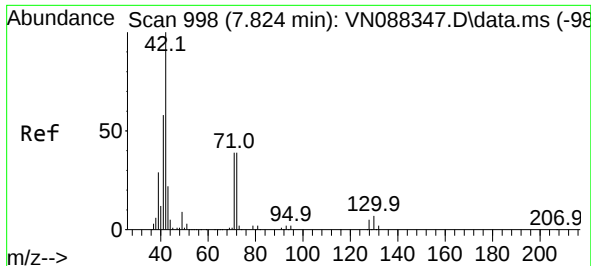
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025



#28
 Bromochloromethane
 Concen: 18.489 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN088444.D
 Acq: 04 Dec 2025 14:45

Tgt Ion: 49 Resp: 73205
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.6
 130 62.1 51.1 76.7





#29

Tetrahydrofuran

Concen: 102.668 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

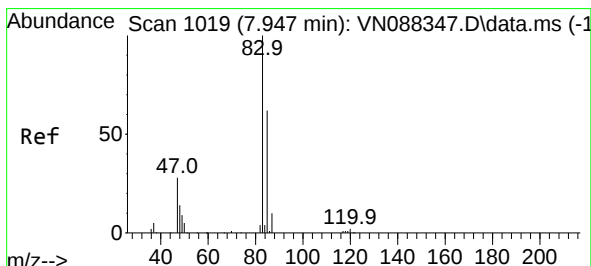
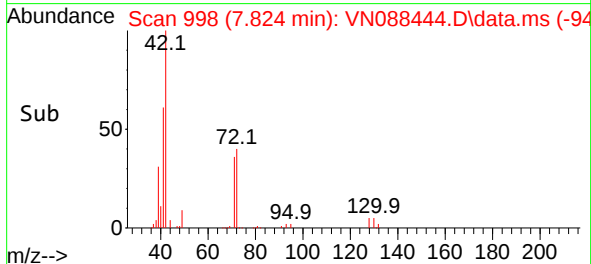
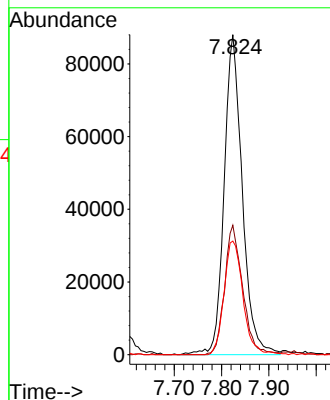
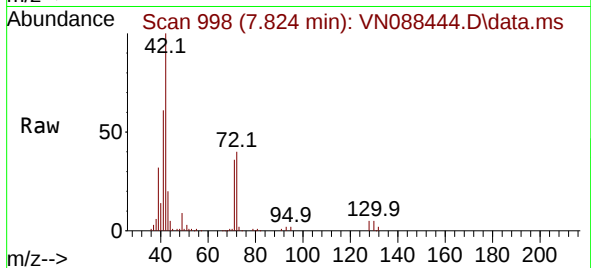
Tgt Ion:	42	Resp:	23448
Ion Ratio	Lower	Upper	
42	100		
72	40.2	32.2	48.4
71	36.6	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#30

Chloroform

Concen: 20.133 ug/l

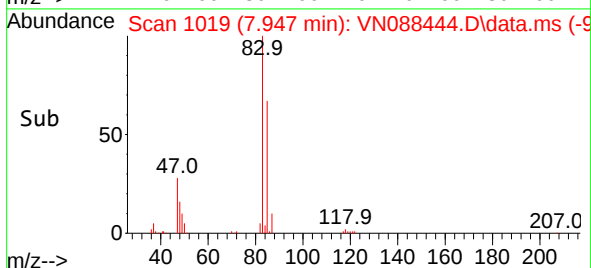
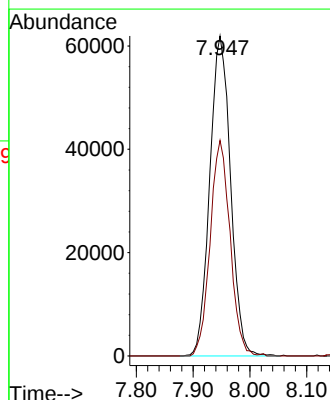
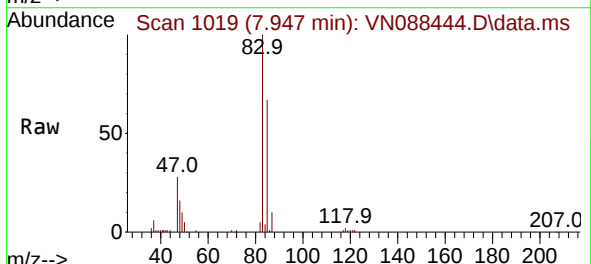
RT: 7.947 min Scan# 1019

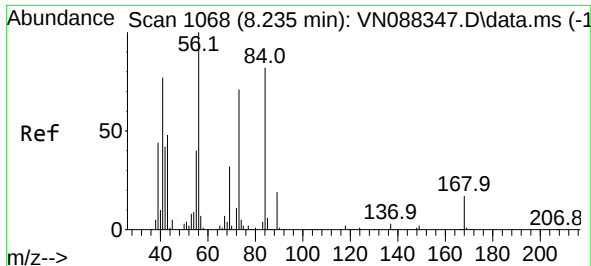
Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

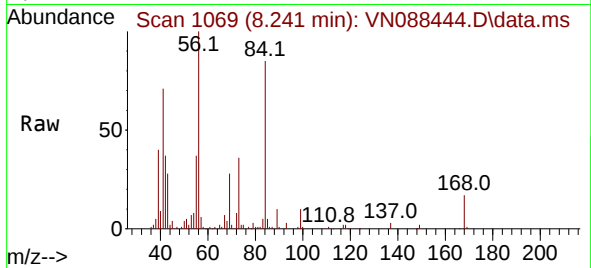
Tgt Ion:	83	Resp:	157238
Ion Ratio	Lower	Upper	
83	100		
85	67.3	49.8	74.8





#31
Cyclohexane
Concen: 19.530 ug/l
RT: 8.241 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

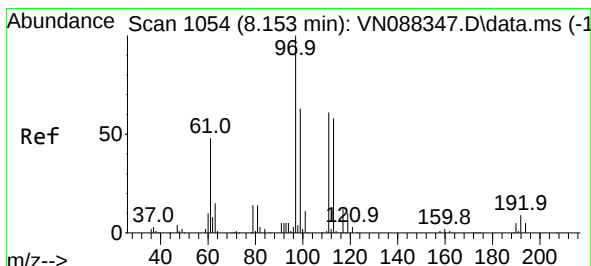
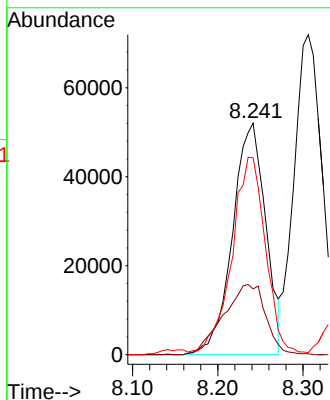
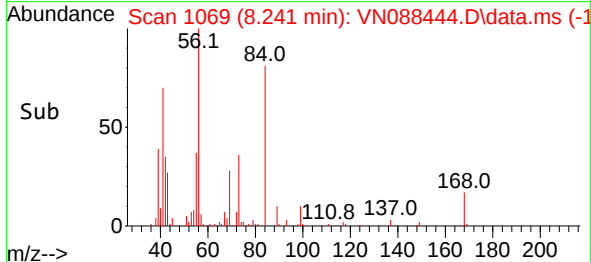
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 56 Resp: 140672
Ion Ratio Lower Upper
56 100
69 28.4 25.3 37.9
84 83.0 65.4 98.2

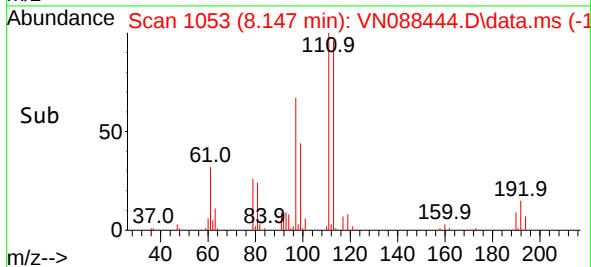
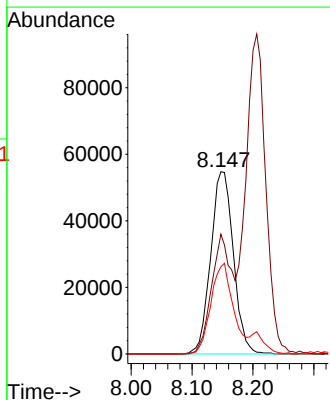
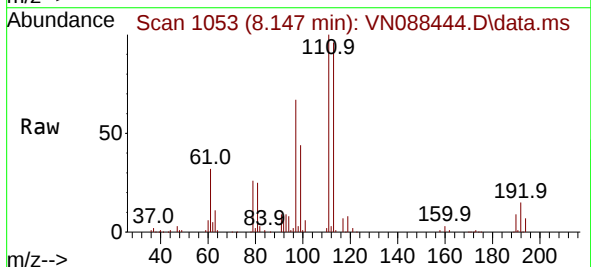
Manual Integrations
APPROVED

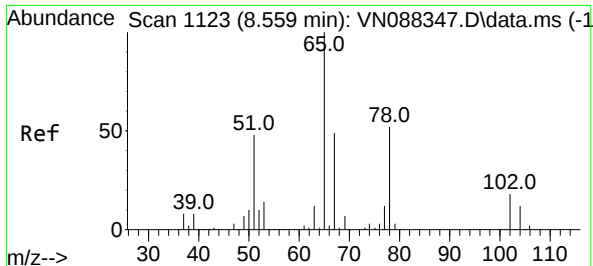
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#32
1,1,1-Trichloroethane
Concen: 20.610 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Tgt Ion: 97 Resp: 141532
Ion Ratio Lower Upper
97 100
99 58.7 50.8 76.2
61 48.8 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 56.007 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion: 65 Resp: 30673

Ion Ratio Lower Upper

65 100

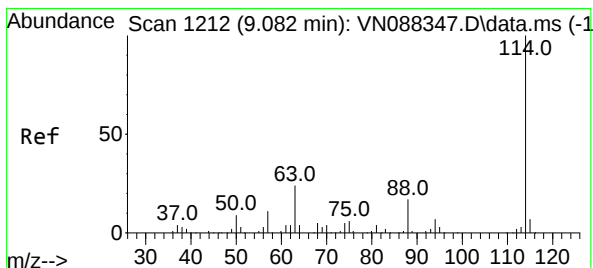
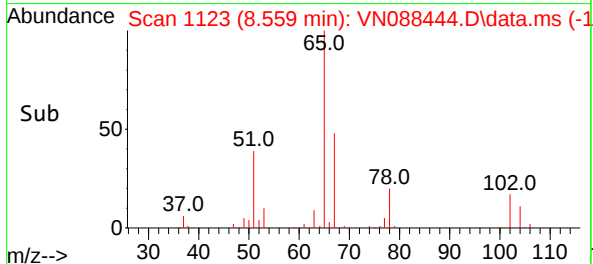
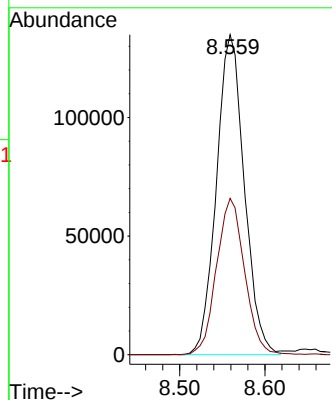
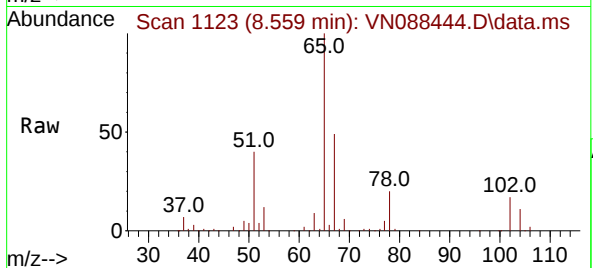
67 49.1 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

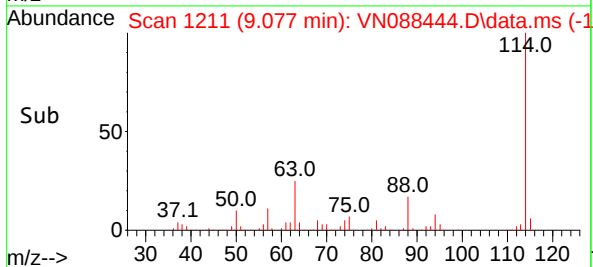
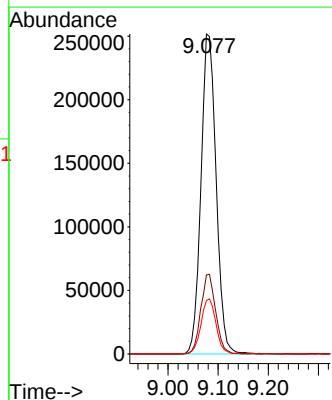
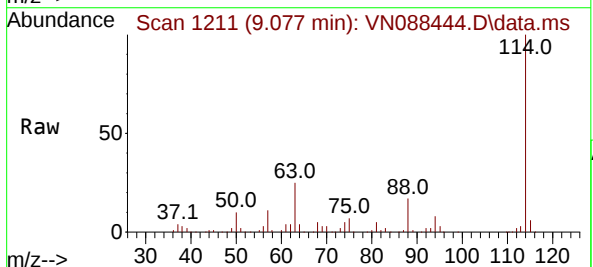
Tgt Ion:114 Resp: 529277

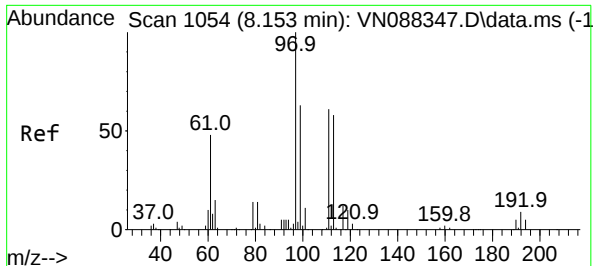
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.0

88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 53.116 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088444.D

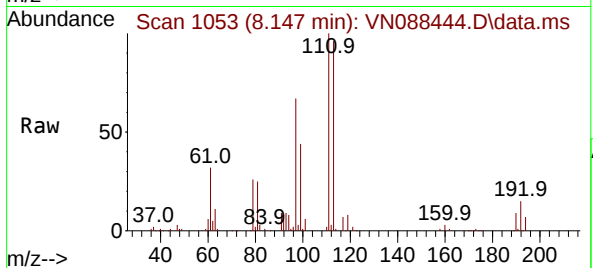
Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01



Tgt Ion:113 Resp: 19482

Ion Ratio Lower Upper

113 100

111 103.0 82.5 123.7

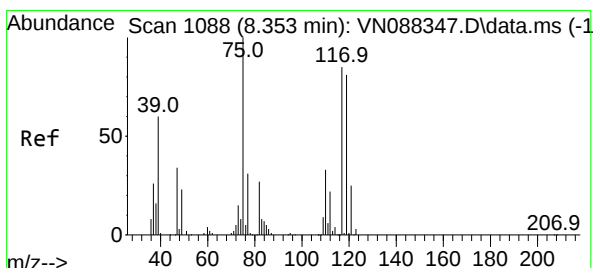
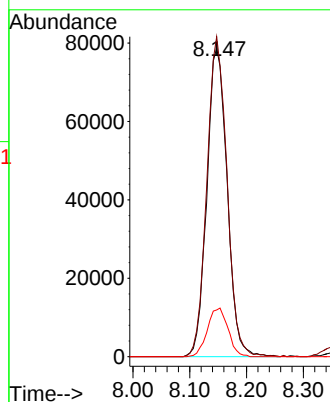
192 16.1 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#36

1,1-Dichloropropene

Concen: 19.196 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

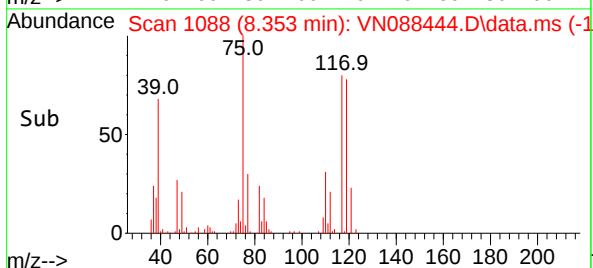
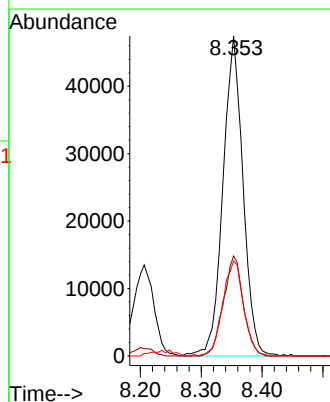
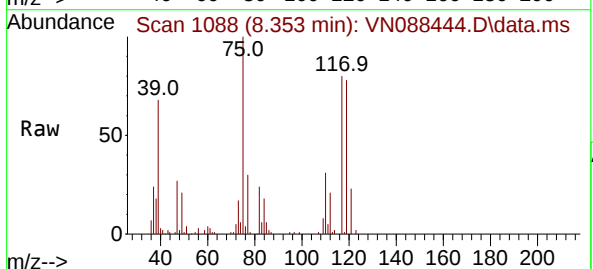
Tgt Ion: 75 Resp: 108661

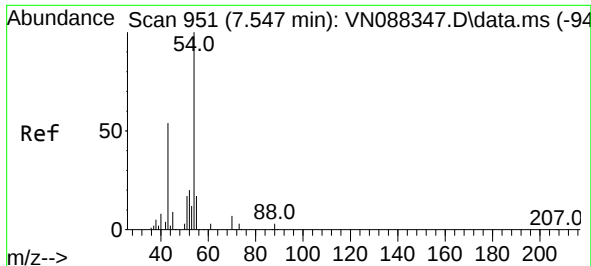
Ion Ratio Lower Upper

75 100

110 30.8 15.8 47.4

77 30.6 24.2 36.2





#37

Ethyl Acetate

Concen: 20.237 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN088444.D

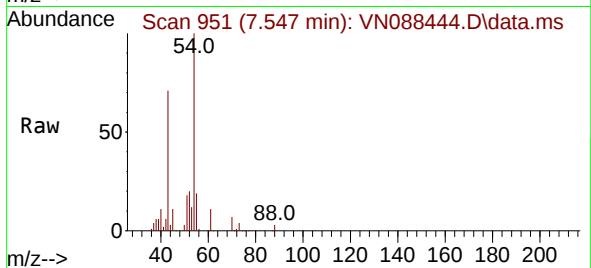
Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01



Tgt Ion: 43 Resp: 150629

Ion Ratio Lower Upper

43 100

61 11.7 9.5 14.3

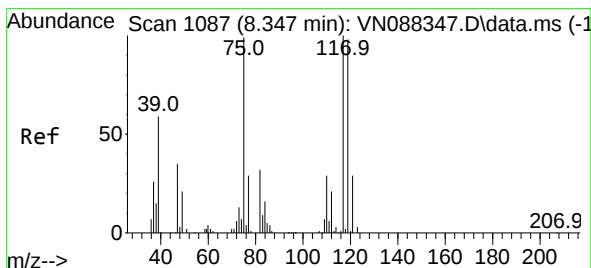
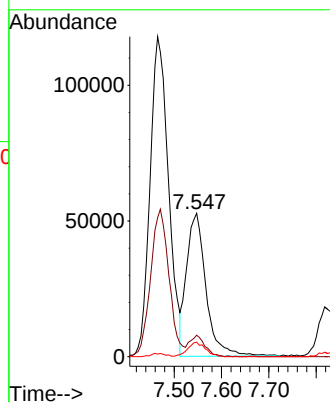
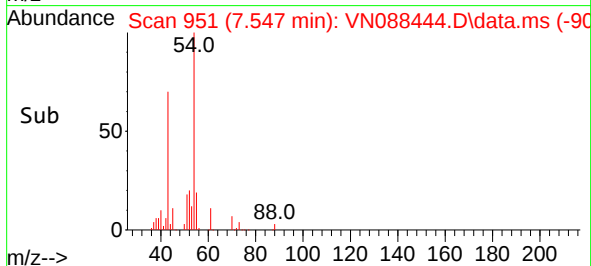
70 9.2 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#38

Carbon Tetrachloride

Concen: 20.336 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

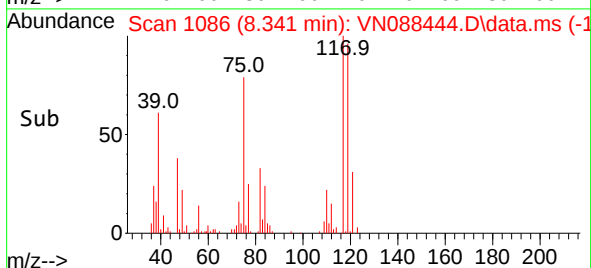
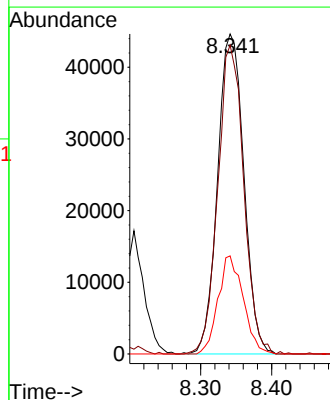
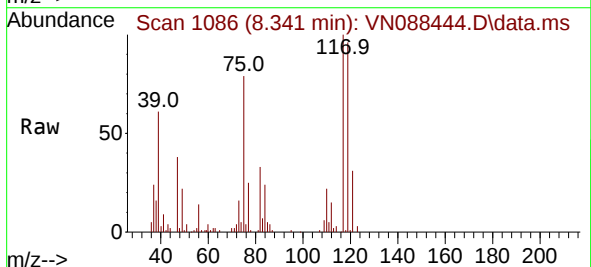
Tgt Ion:117 Resp: 114598

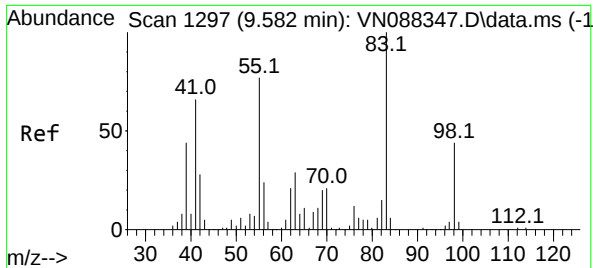
Ion Ratio Lower Upper

117 100

119 96.5 78.2 117.4

121 30.7 23.4 35.2





#39

Methylcyclohexane

Concen: 18.842 ug/l

RT: 9.577 min Scan# 11296

Delta R.T. -0.006 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion: 83 Resp: 114089

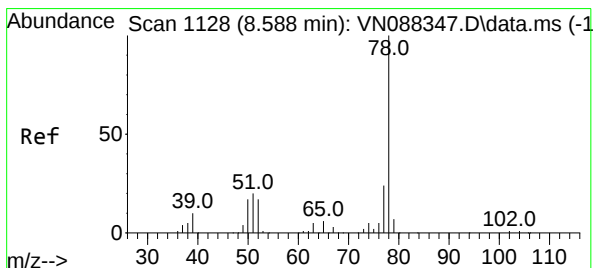
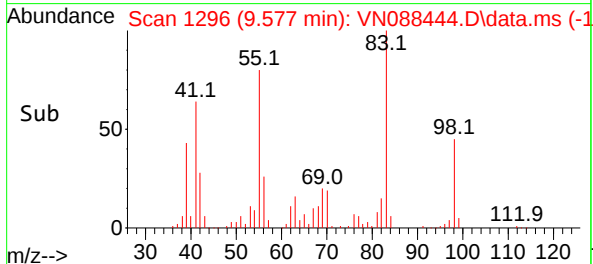
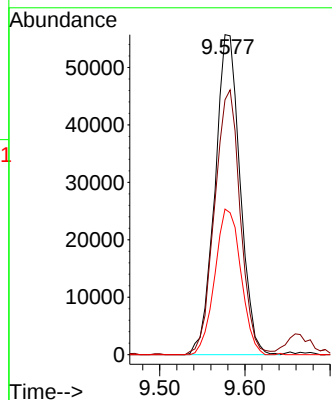
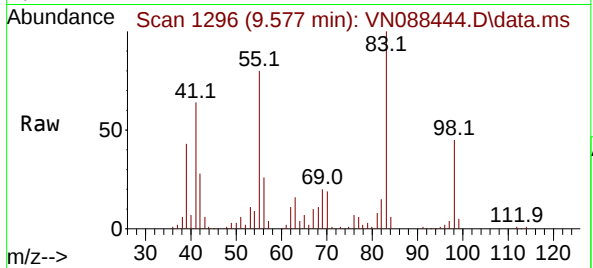
Ion	Ratio	Lower	Upper
83	100		
55	79.6	61.6	92.4
98	45.5	35.3	52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#40

Benzene

Concen: 19.294 ug/l

RT: 8.588 min Scan# 1128

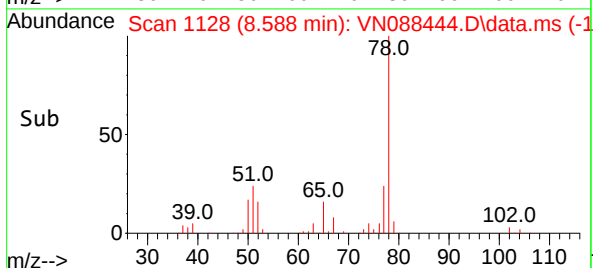
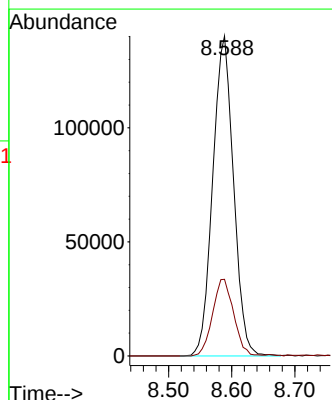
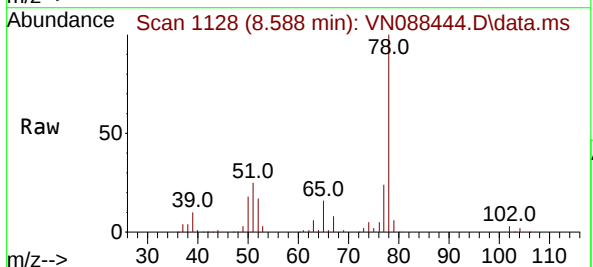
Delta R.T. 0.000 min

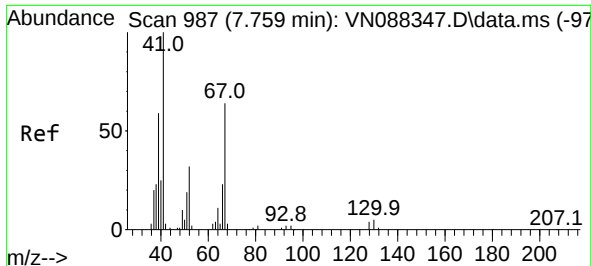
Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Tgt Ion: 78 Resp: 320551

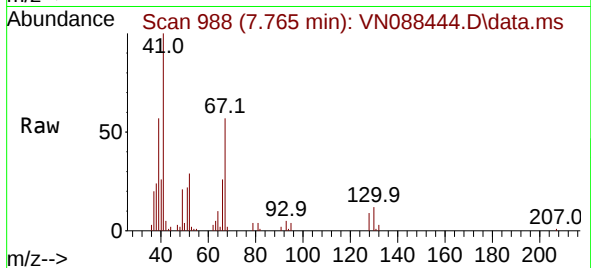
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





#41
Methacrylonitrile
Concen: 20.862 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

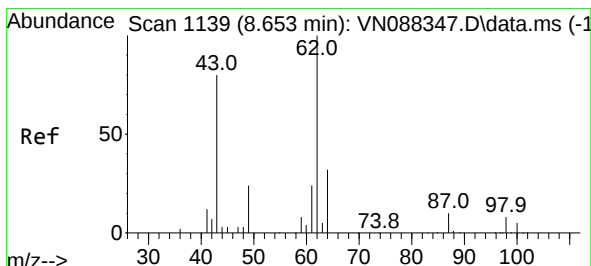
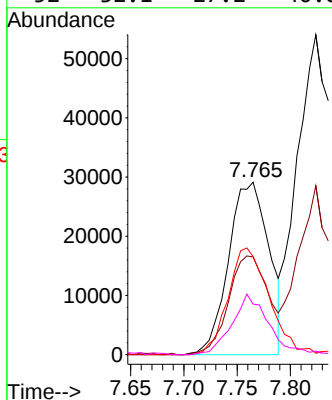
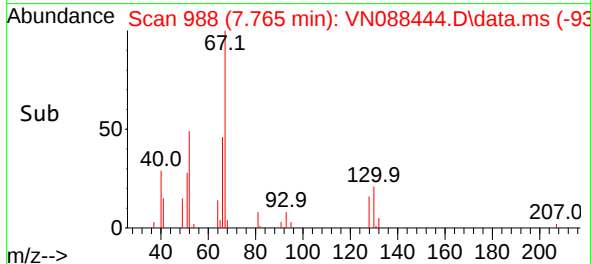
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 41 Resp: 76908
Ion Ratio Lower Upper
41 100
39 56.5 46.3 69.5
67 63.6 54.7 82.1
52 32.1 27.2 40.8

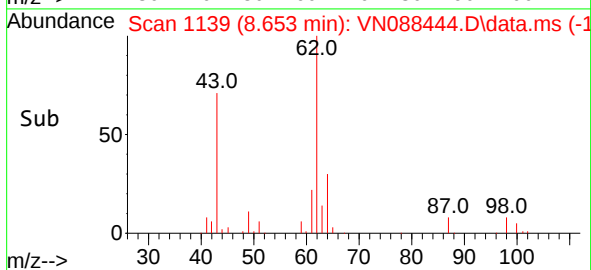
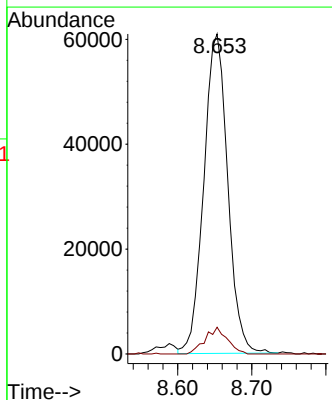
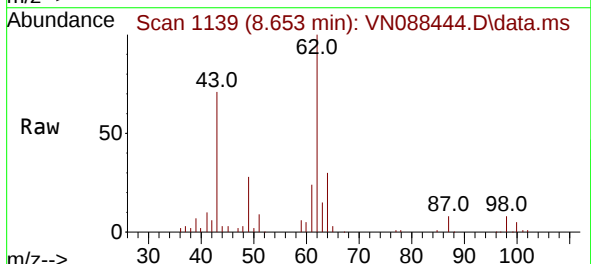
Manual Integrations
APPROVED

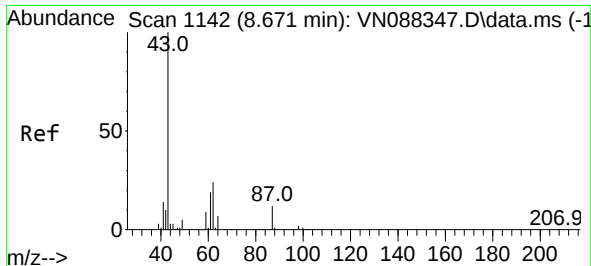
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#42
1,2-Dichloroethane
Concen: 21.558 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

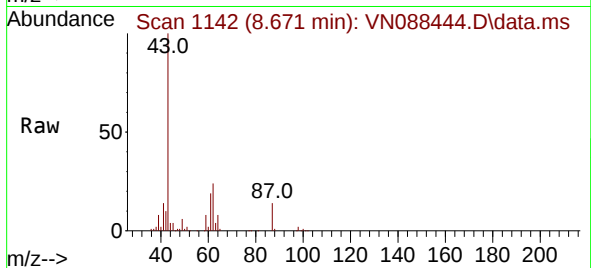
Tgt Ion: 62 Resp: 136648
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.2





#43
Isopropyl Acetate
Concen: 19.881 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

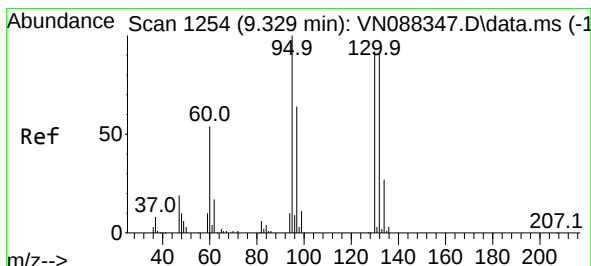
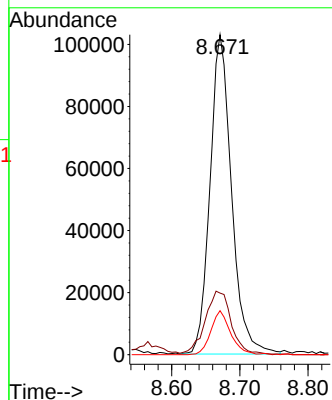
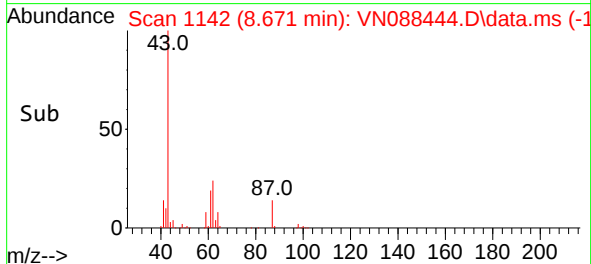
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



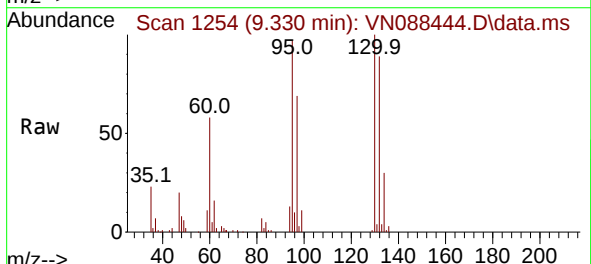
Tgt Ion: 43 Resp: 226089
Ion Ratio Lower Upper
43 100
61 24.3 18.7 28.1
87 12.6 9.1 13.7

Manual Integrations
APPROVED

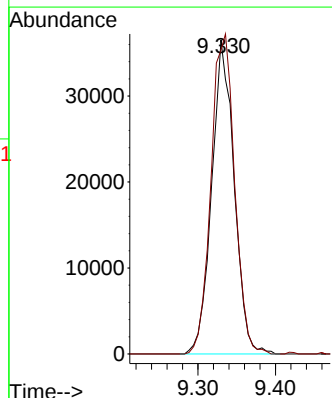
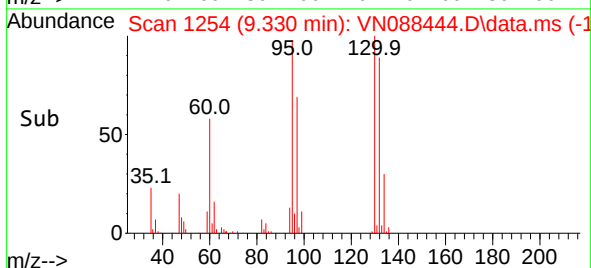
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

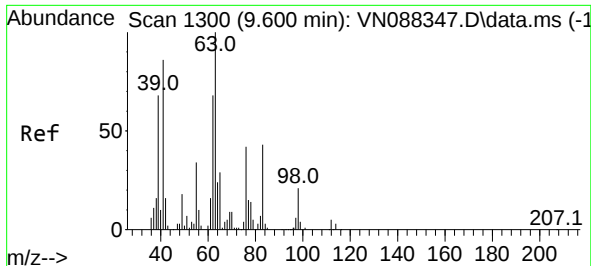


#44
Trichloroethene
Concen: 18.675 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45



Tgt Ion:130 Resp: 73312
Ion Ratio Lower Upper
130 100
95 96.8 0.0 217.0





#45

1,2-Dichloropropane

Concen: 19.606 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion: 63 Resp: 8345

Ion Ratio Lower Upper

63 100

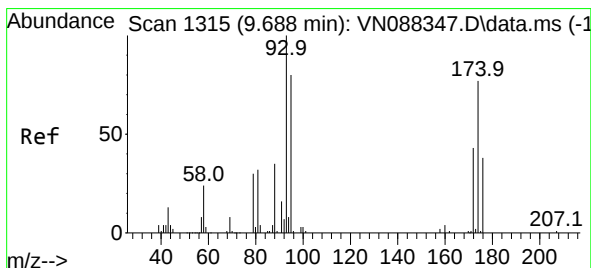
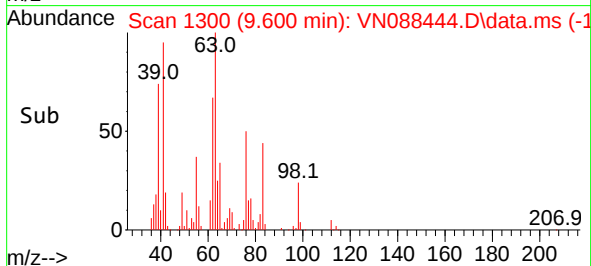
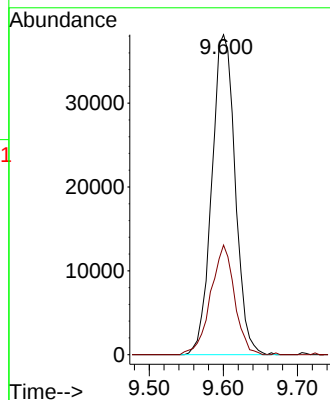
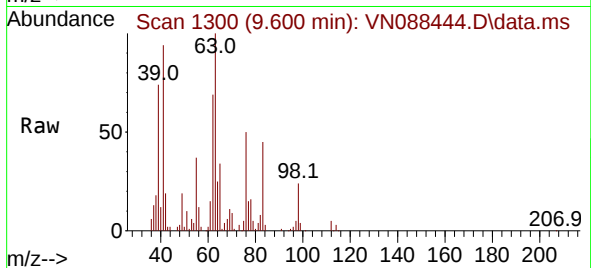
65 34.3 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#46

Dibromomethane

Concen: 20.269 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

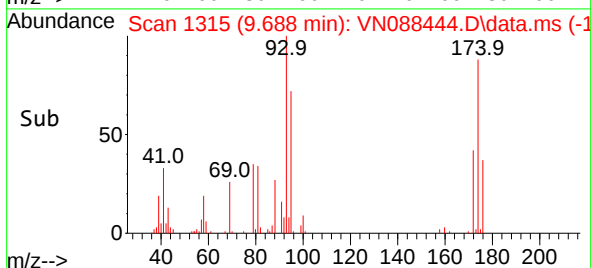
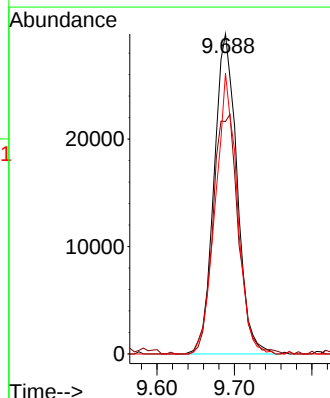
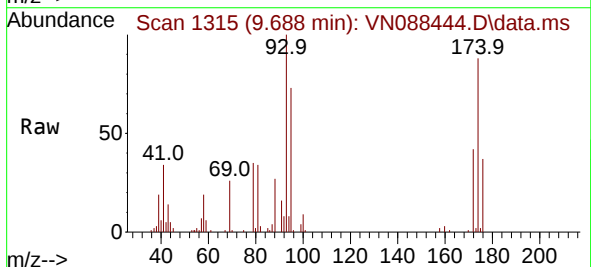
Tgt Ion: 93 Resp: 61573

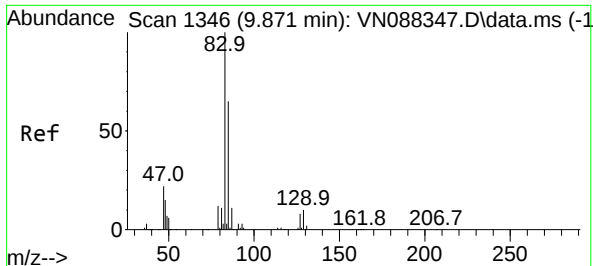
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 83.4 64.3 96.5





#47

Bromodichloromethane

Concen: 20.328 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion: 83 Resp: 126000

Ion Ratio Lower Upper

83 100

85 63.6 51.9 77.9

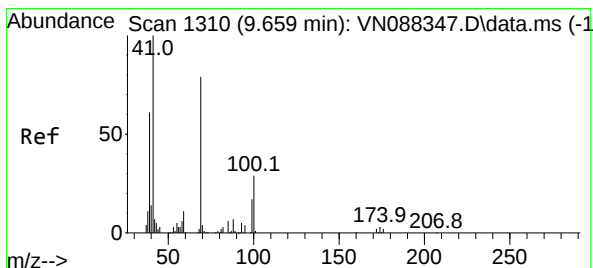
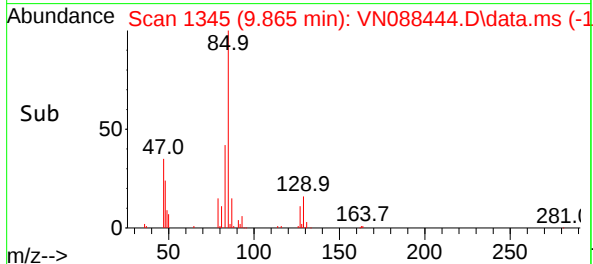
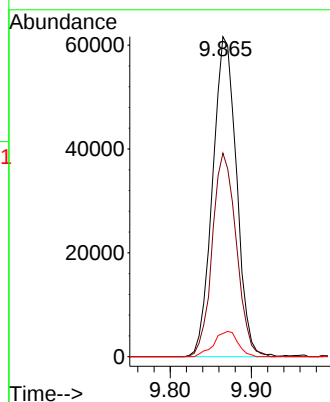
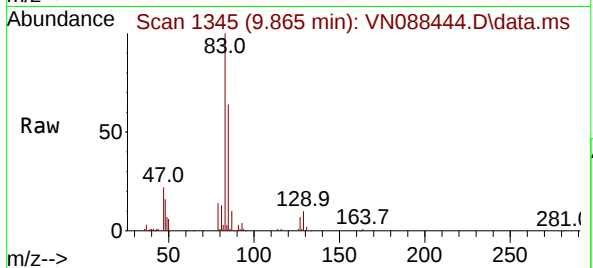
127 7.3 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#48

Methyl methacrylate

Concen: 20.584 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

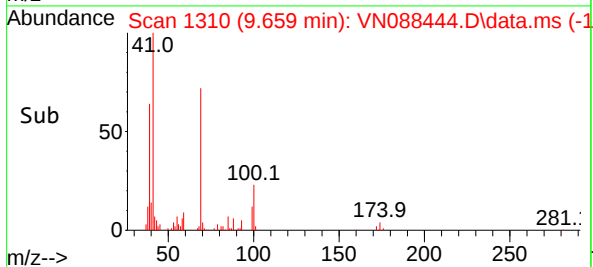
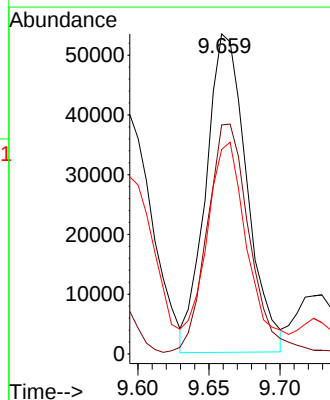
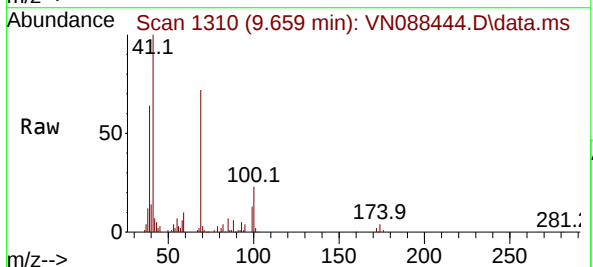
Tgt Ion: 41 Resp: 106808

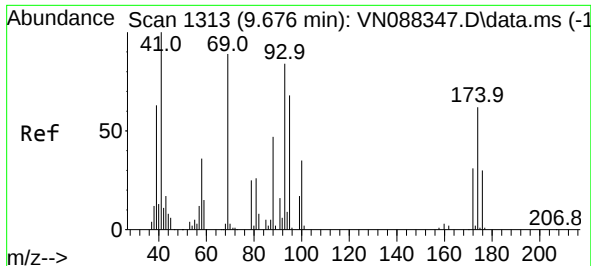
Ion Ratio Lower Upper

41 100

69 75.8 62.4 93.6

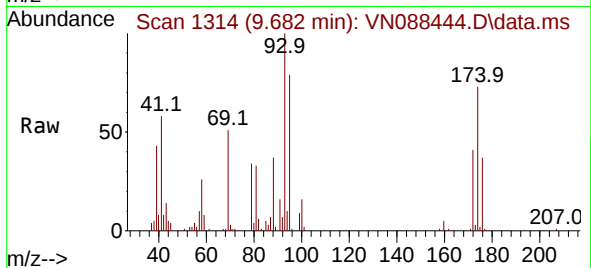
39 67.0 52.6 79.0





#49
1,4-Dioxane
Concen: 355.507 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

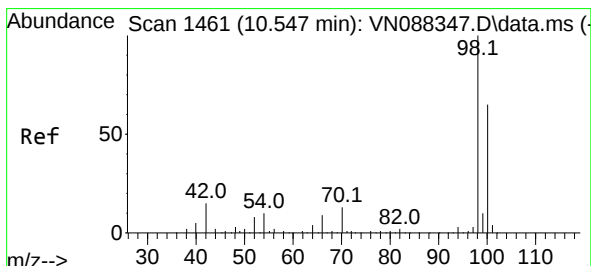
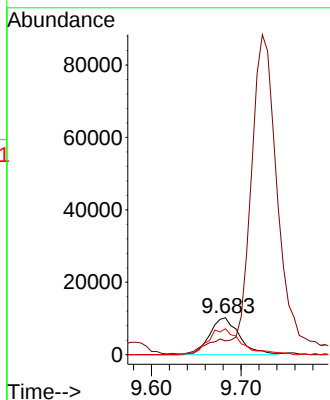
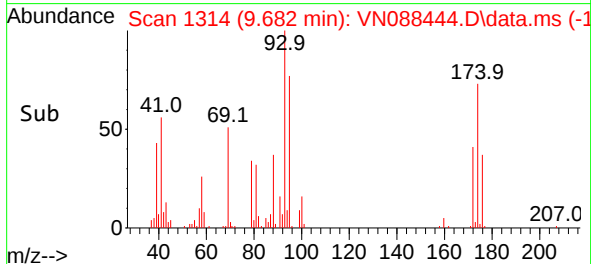
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 88 Resp: 2345
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.6 62.0 93.0

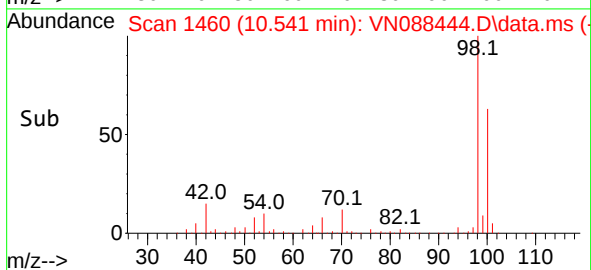
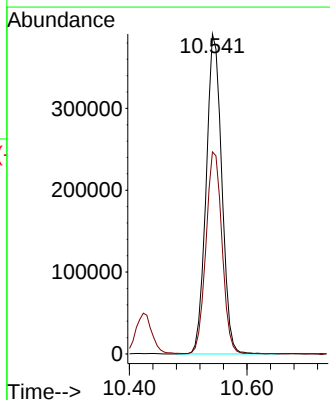
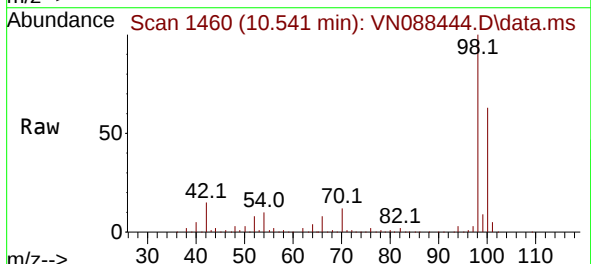
Manual Integrations
APPROVED

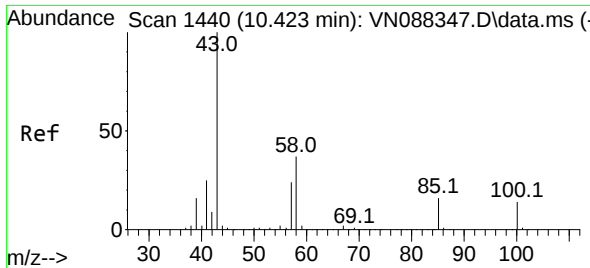
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#50
Toluene-d8
Concen: 52.704 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

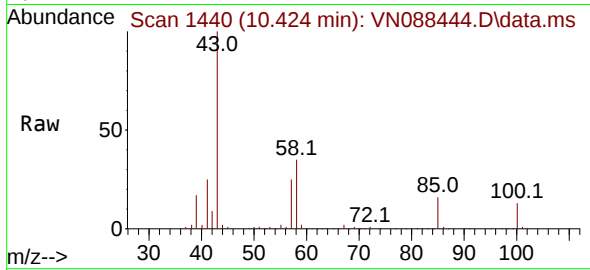
Tgt Ion: 98 Resp: 719265
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 105.581 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

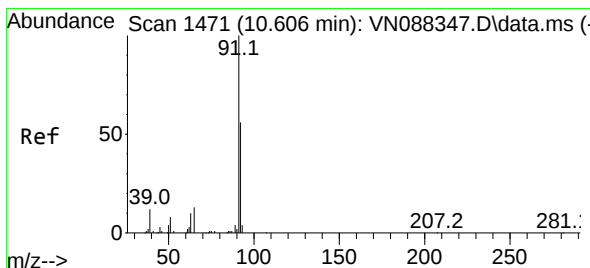
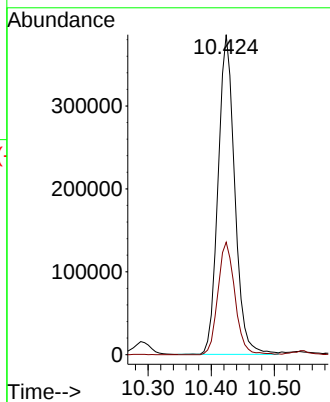
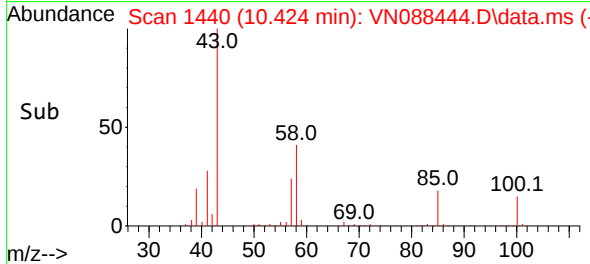
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 43 Resp: 707725
Ion Ratio Lower Upper
43 100
58 36.1 29.1 43.7

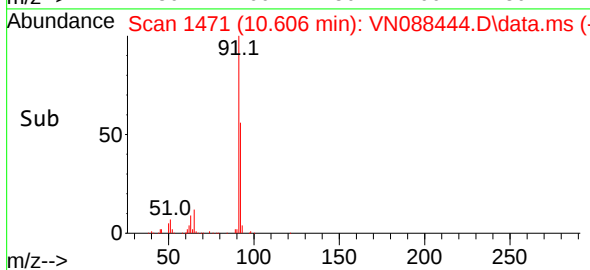
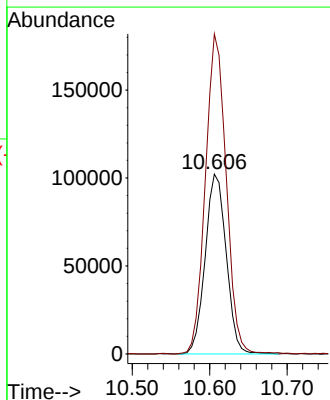
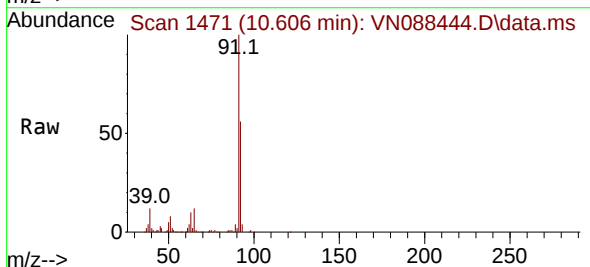
Manual Integrations
APPROVED

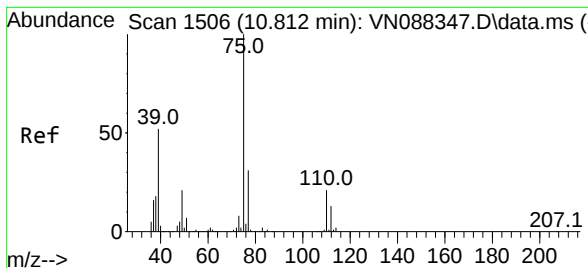
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#52
Toluene
Concen: 20.104 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

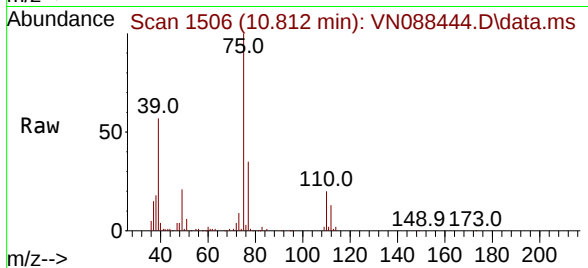
Tgt Ion: 92 Resp: 192863
Ion Ratio Lower Upper
92 100
91 176.2 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 20.116 ug/l
RT: 10.812 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

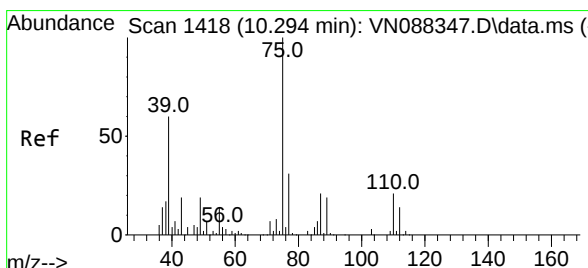
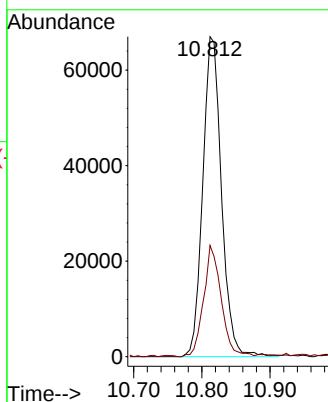
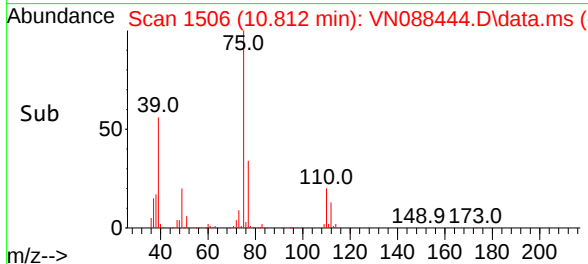
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 75 Resp: 12798
Ion Ratio Lower Upper
75 100
77 34.8 24.8 37.2

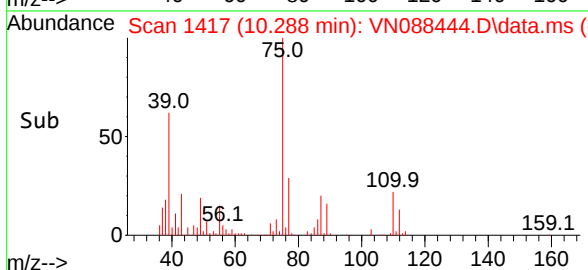
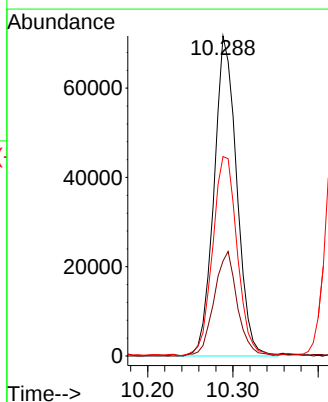
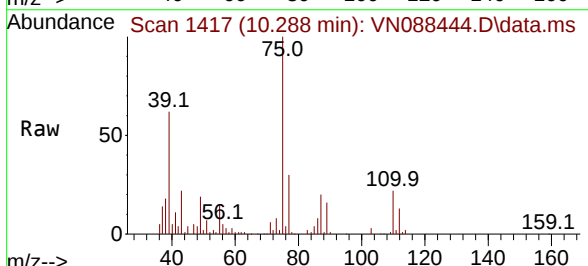
Manual Integrations
APPROVED

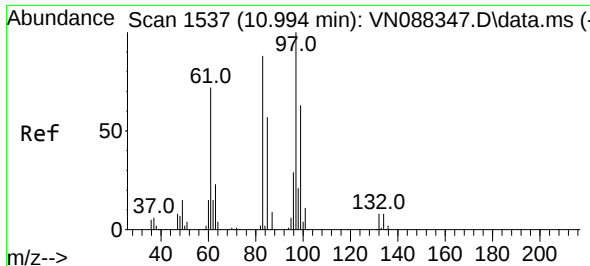
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#54
cis-1,3-Dichloropropene
Concen: 19.849 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

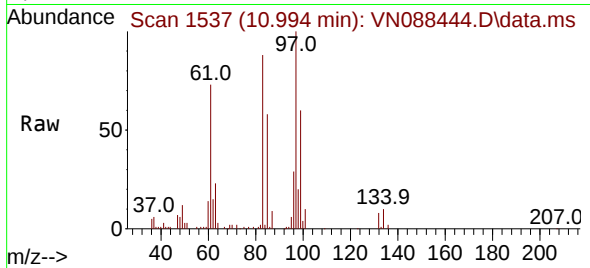
Tgt Ion: 75 Resp: 132808
Ion Ratio Lower Upper
75 100
77 29.4 24.5 36.7
39 62.3 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 20.666 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

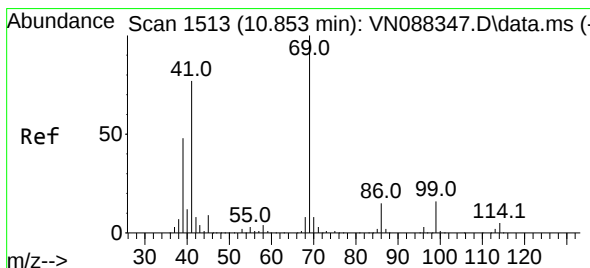
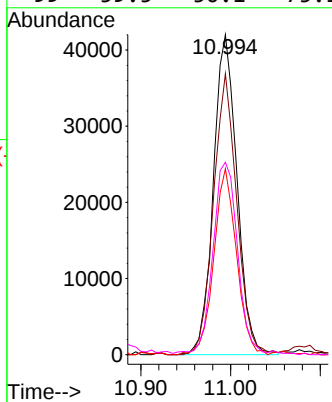
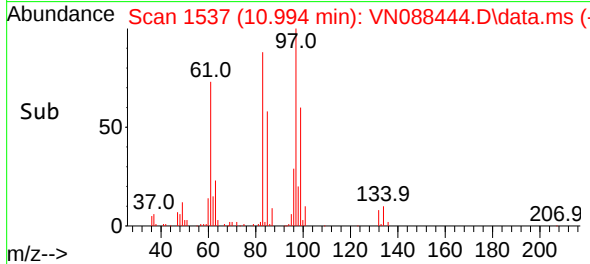
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



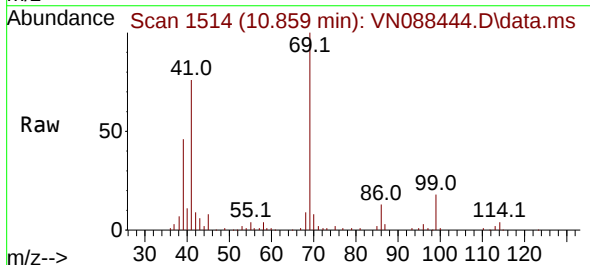
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.4	105.6
85	58.1	45.4	68.2
99	59.5	50.1	75.1

Manual Integrations
APPROVED

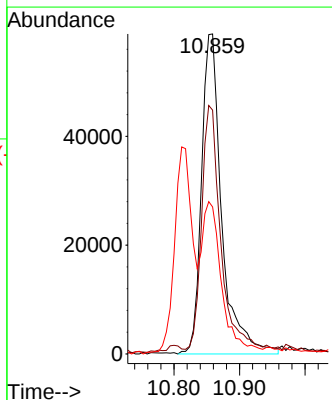
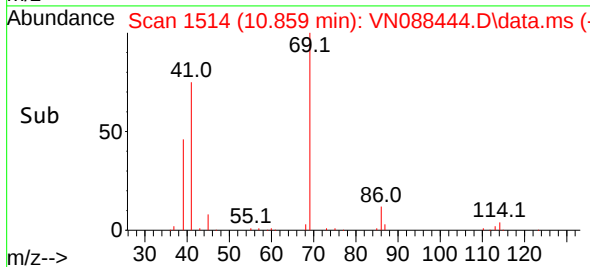
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

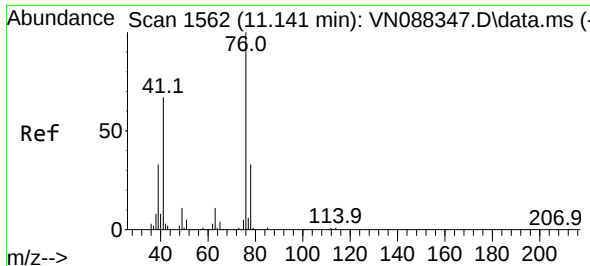


#56
Ethyl methacrylate
Concen: 21.560 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45



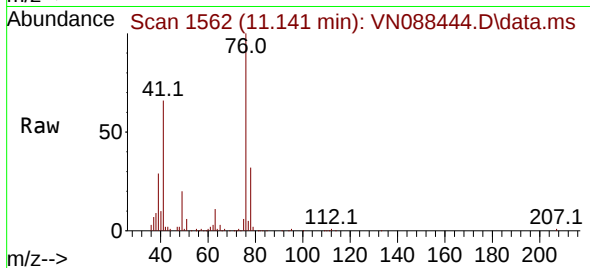
Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.0	59.6	89.4
39	44.3	36.4	54.6





#57
1,3-Dichloropropane
Concen: 20.668 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

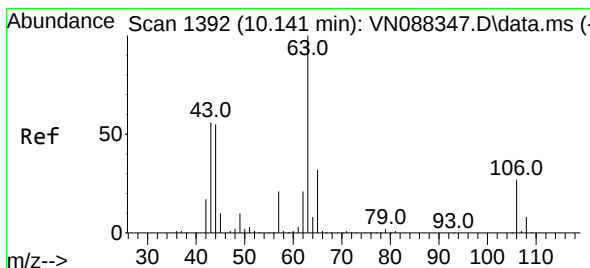
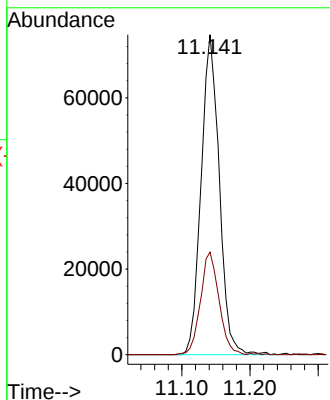
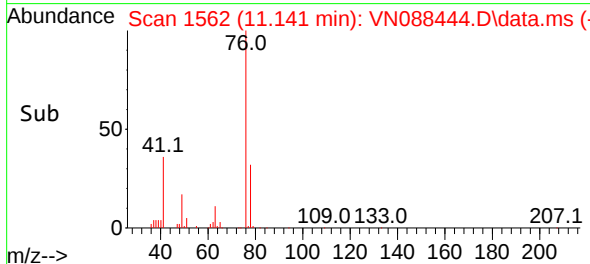
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 76 Resp: 138389
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4

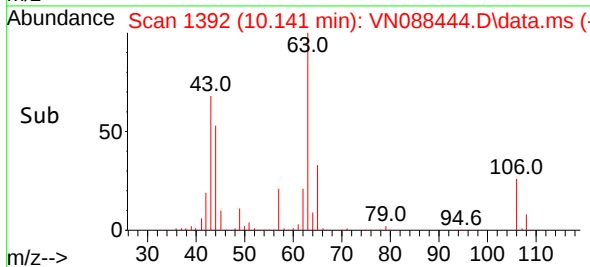
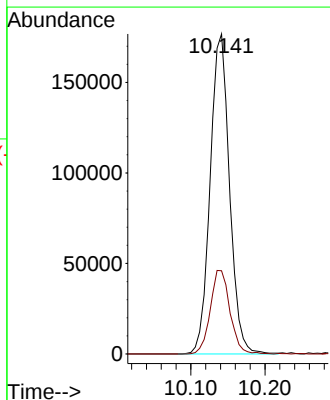
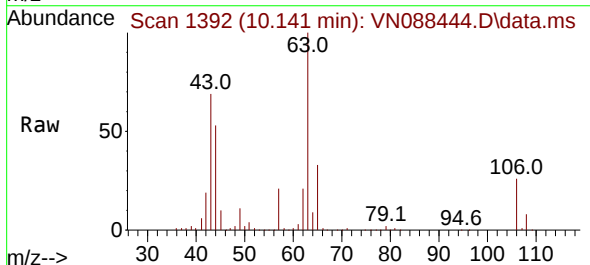
Manual Integrations
APPROVED

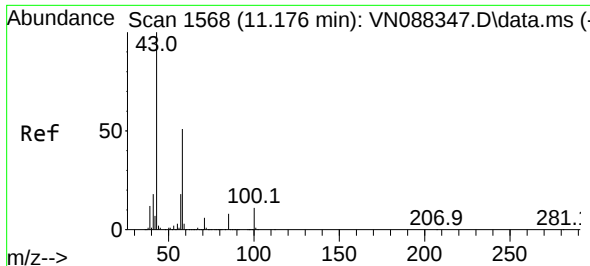
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#58
2-Chloroethyl Vinyl ether
Concen: 94.794 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

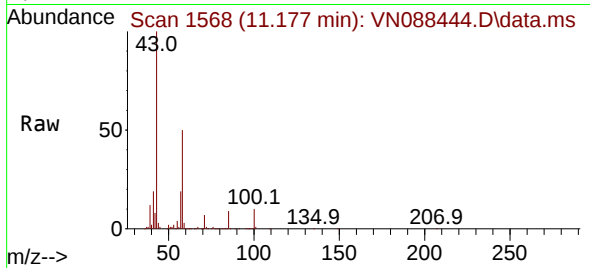
Tgt Ion: 63 Resp: 320414
Ion Ratio Lower Upper
63 100
106 26.5 20.5 30.7





#59
2-Hexanone
Concen: 100.793 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

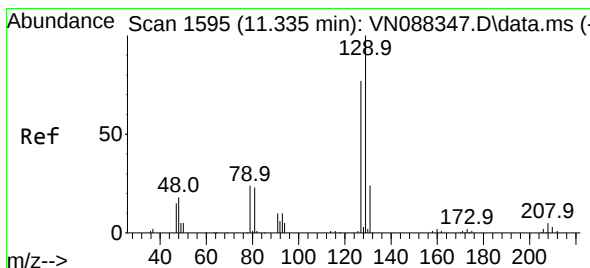
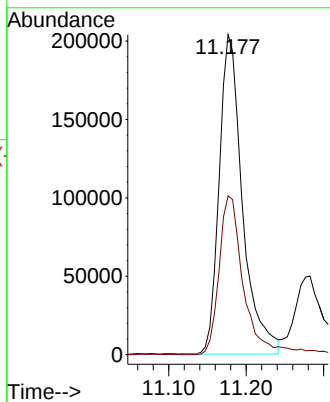
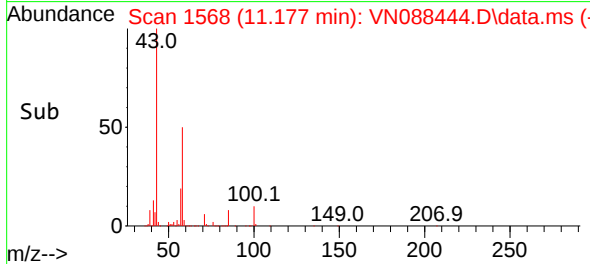
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 43 Resp: 425614
Ion Ratio Lower Upper
43 100
58 53.3 25.3 75.9

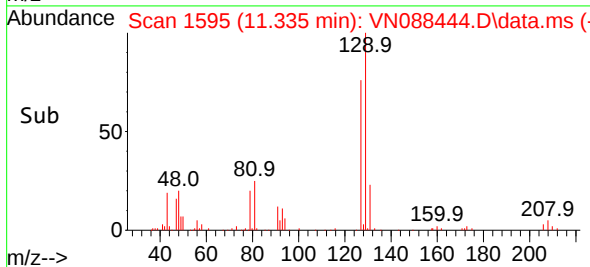
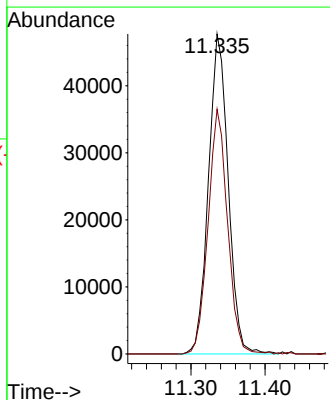
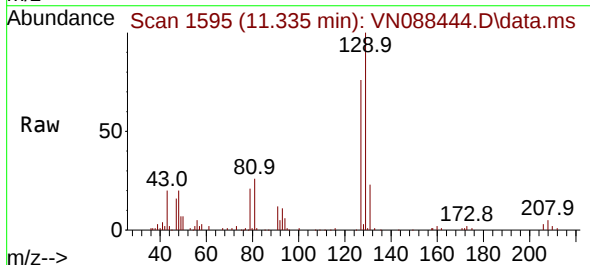
Manual Integrations
APPROVED

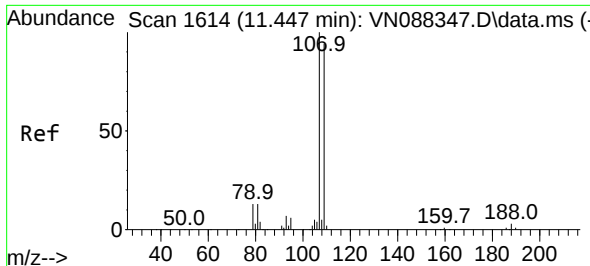
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#60
Dibromochloromethane
Concen: 20.837 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

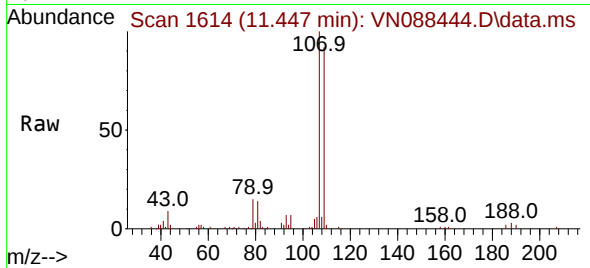
Tgt Ion:129 Resp: 88166
Ion Ratio Lower Upper
129 100
127 75.6 38.2 114.6





#61
1,2-Dibromoethane
Concen: 20.870 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

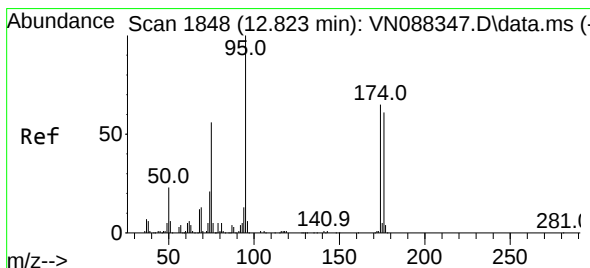
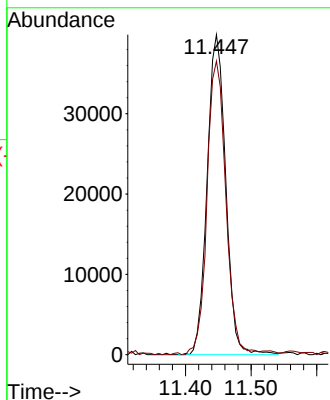
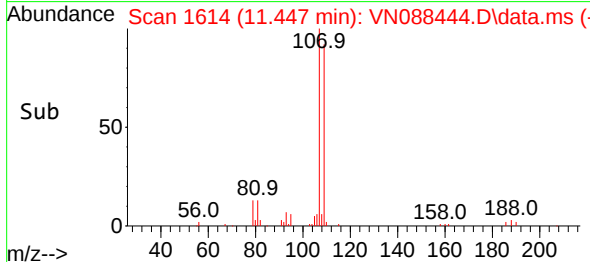
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



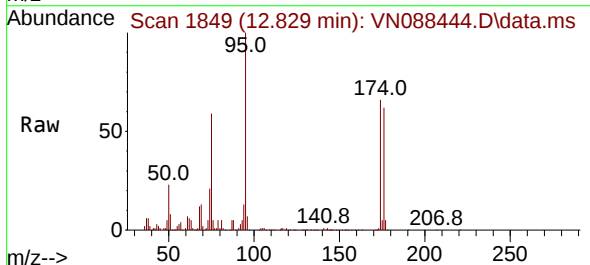
Tgt Ion:107 Resp: 78440
Ion Ratio Lower Upper
107 100
109 92.7 74.6 112.0

Manual Integrations
APPROVED

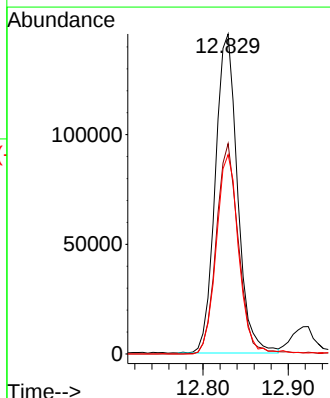
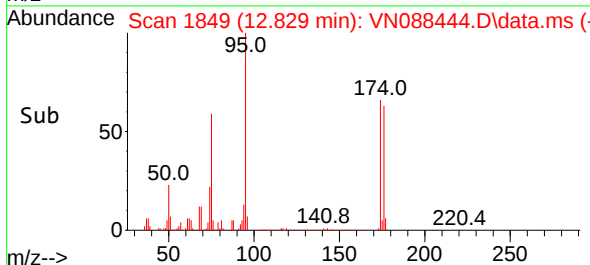
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

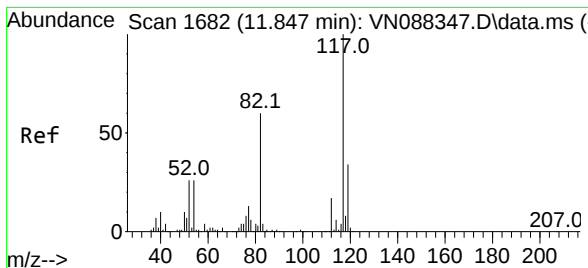


#62
4-Bromofluorobenzene
Concen: 56.328 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45



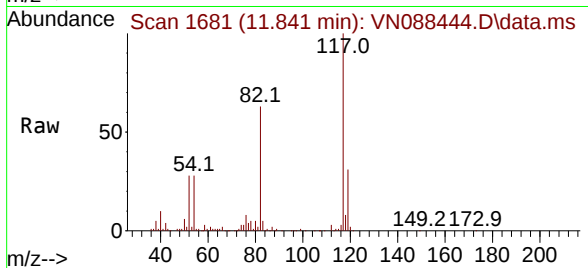
Tgt Ion: 95 Resp: 263766
Ion Ratio Lower Upper
95 100
174 66.4 0.0 139.0
176 63.3 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

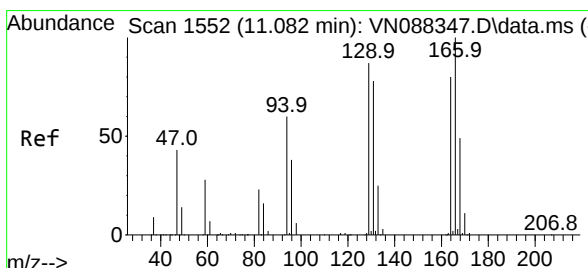
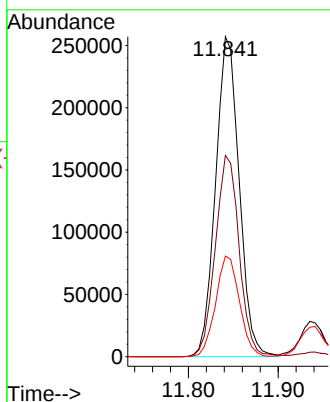
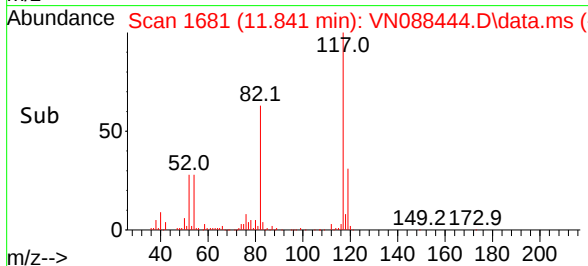
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion:117 Resp: 469860
Ion Ratio Lower Upper
117 100
82 62.9 47.8 71.8
119 31.4 26.9 40.3

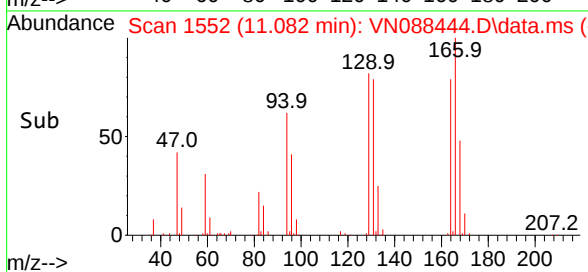
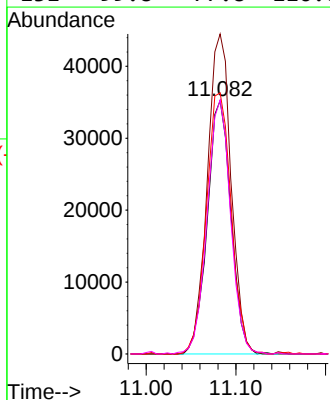
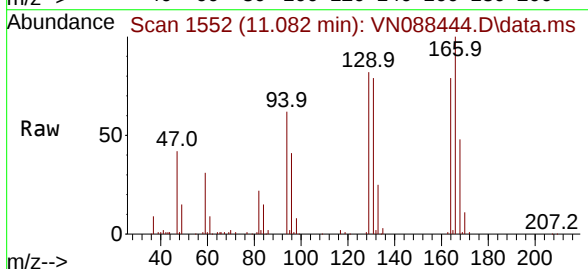
Manual Integrations
APPROVED

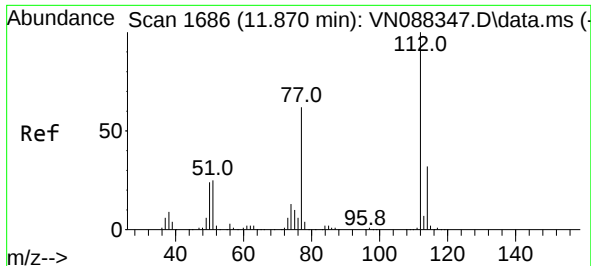
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#64
Tetrachloroethene
Concen: 17.268 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Tgt Ion:164 Resp: 64323
Ion Ratio Lower Upper
164 100
166 126.4 99.6 149.4
129 103.1 86.6 129.8
131 99.8 77.8 116.6





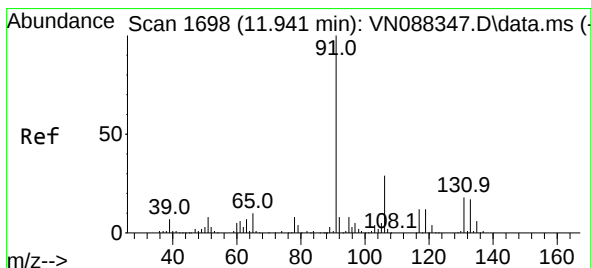
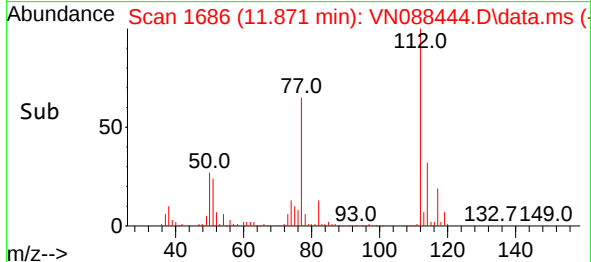
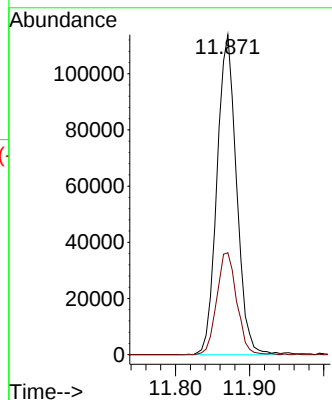
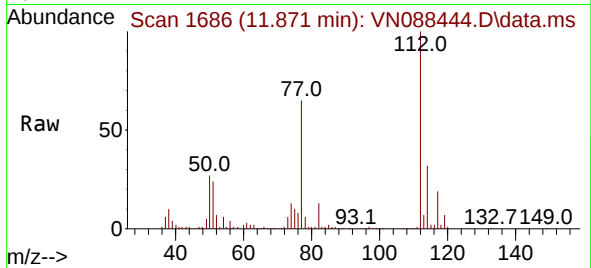
#65
Chlorobenzene
Concen: 19.756 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:112 Resp: 208500
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

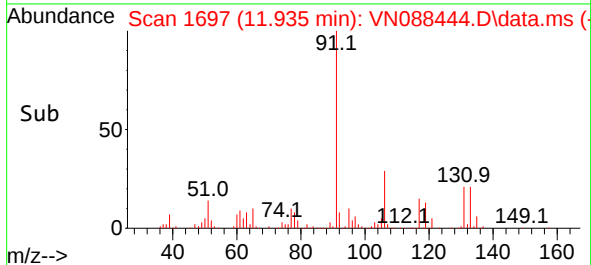
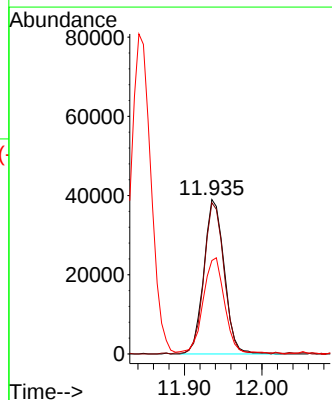
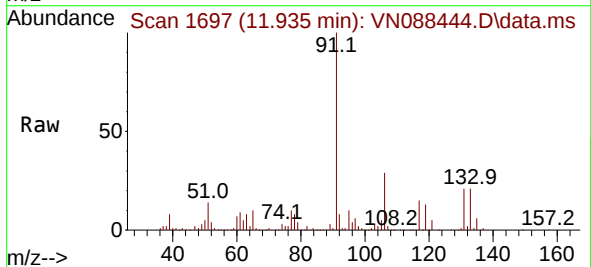
Manual Integrations
APPROVED

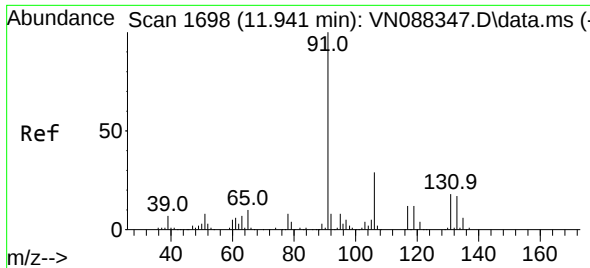
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.077 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Tgt Ion:131 Resp: 71468
Ion Ratio Lower Upper
131 100
133 96.8 47.4 142.2
119 66.6 33.4 100.1





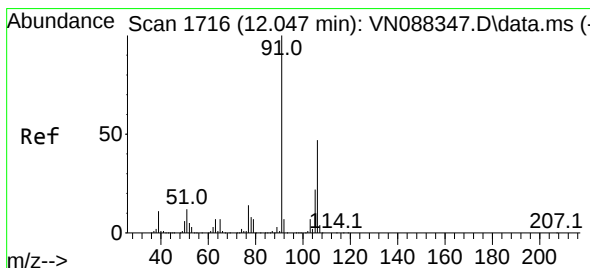
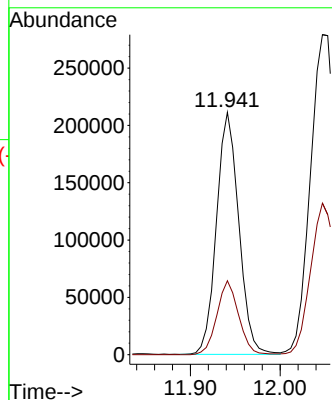
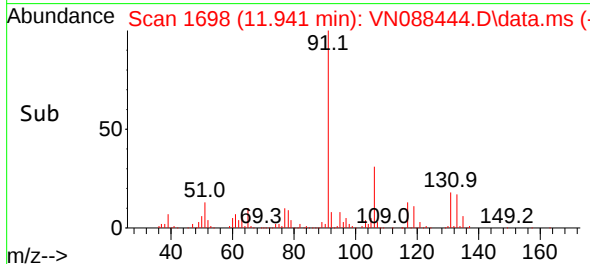
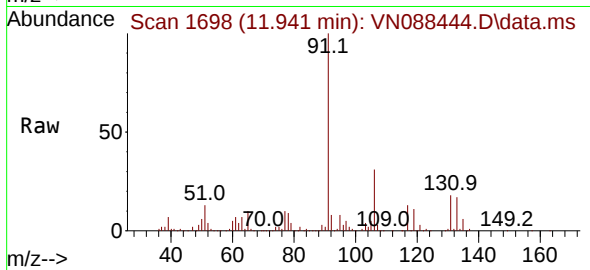
#67
Ethyl Benzene
Concen: 19.762 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 91 Resp: 36454
Ion Ratio Lower Upper
91 100
106 30.5 23.6 35.4

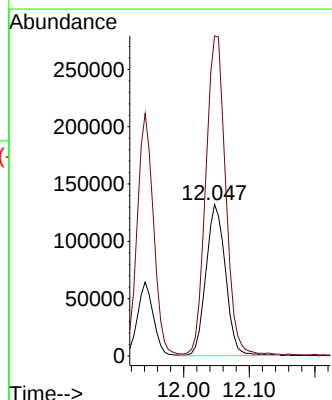
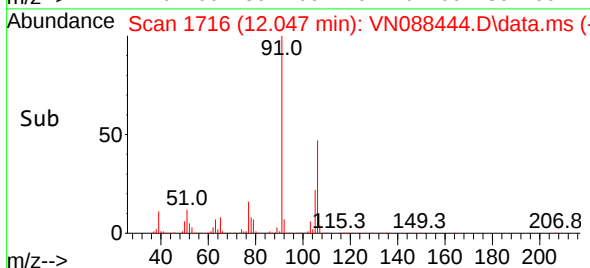
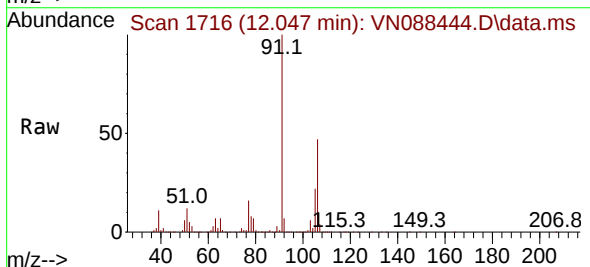
Manual Integrations
APPROVED

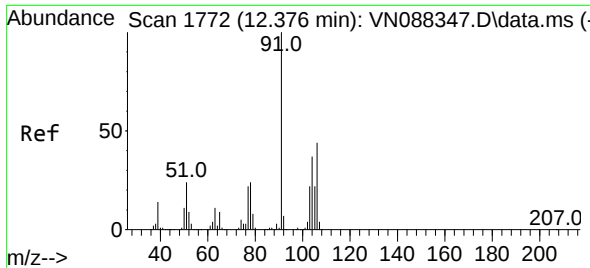
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#68
m/p-Xylenes
Concen: 40.003 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

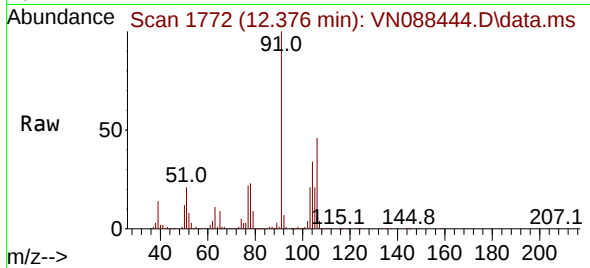
Tgt Ion:106 Resp: 273590
Ion Ratio Lower Upper
106 100
91 214.6 167.8 251.6





#69
o-Xylene
Concen: 19.929 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

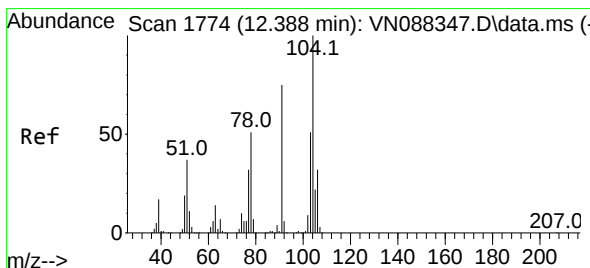
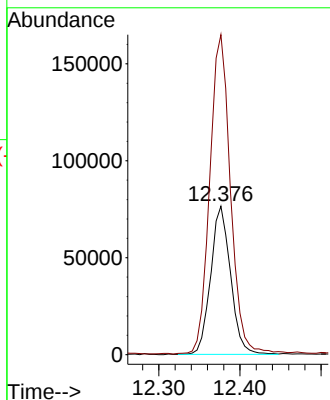
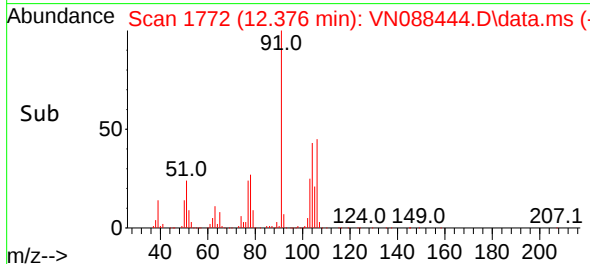
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion:106 Resp: 129944
Ion Ratio Lower Upper
106 100
91 225.6 112.9 338.7

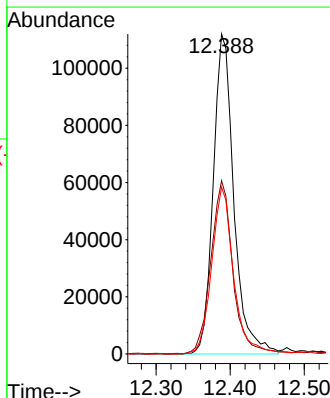
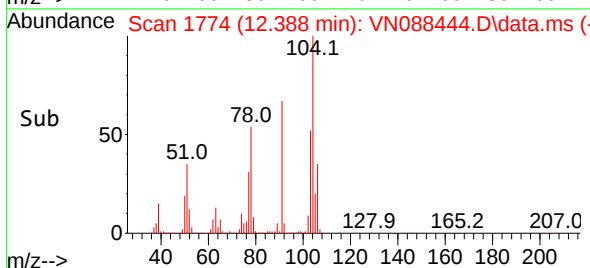
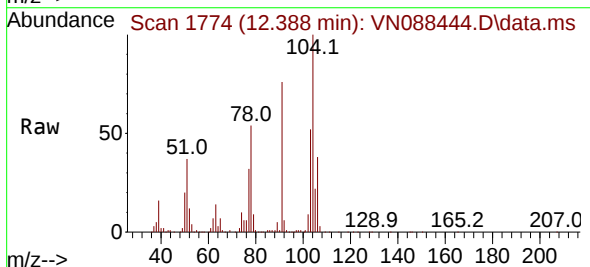
Manual Integrations
APPROVED

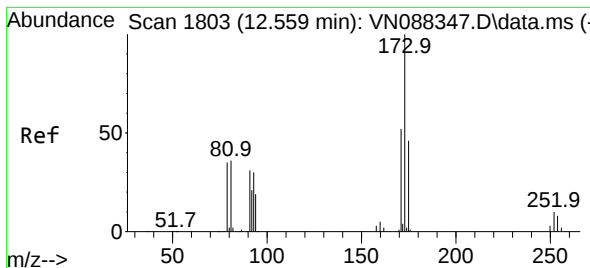
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#70
Styrene
Concen: 20.404 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Tgt Ion:104 Resp: 216021
Ion Ratio Lower Upper
104 100
78 58.3 44.3 66.5
103 55.4 44.2 66.4





#71

Bromoform

Concen: 20.641 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

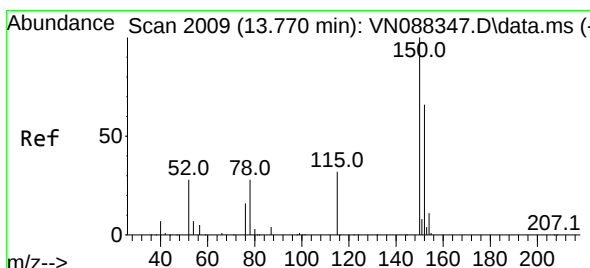
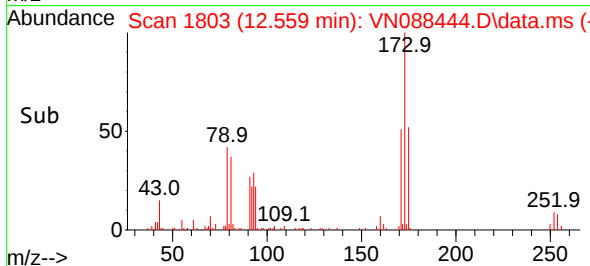
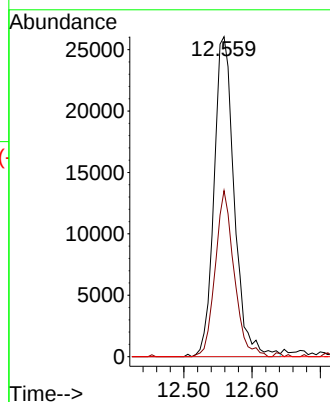
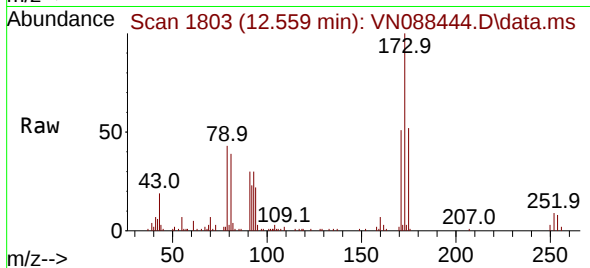
Tgt Ion:	173	Resp:	5381
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.9	71.8
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

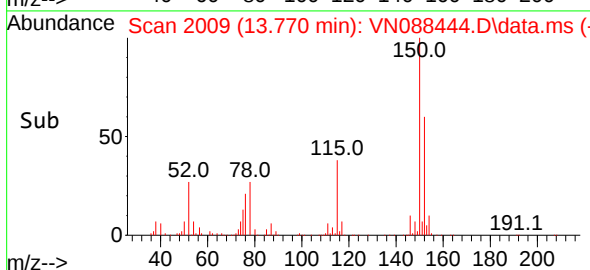
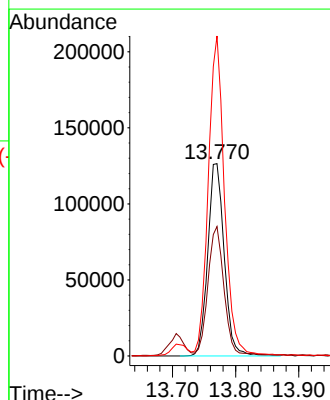
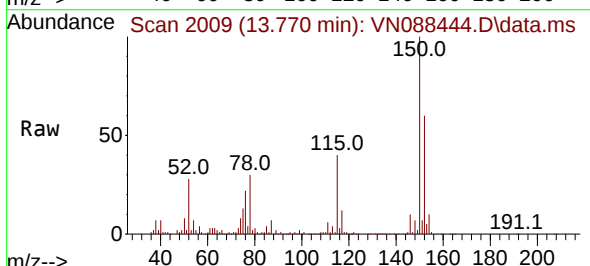
RT: 13.770 min Scan# 2009

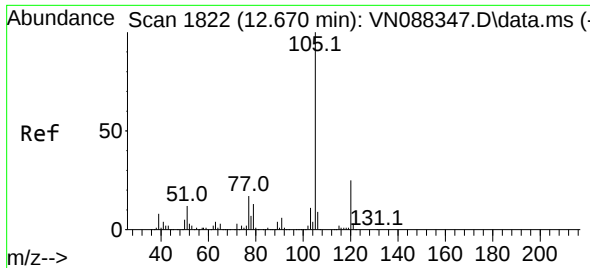
Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

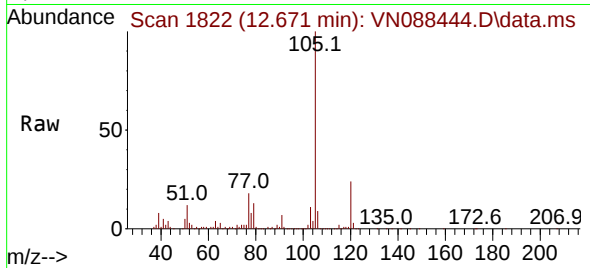
Tgt Ion:	152	Resp:	229597
Ion Ratio	Lower	Upper	
152	100		
115	65.4	33.0	98.9
150	163.5	0.0	349.0





#73
Isopropylbenzene
Concen: 20.454 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

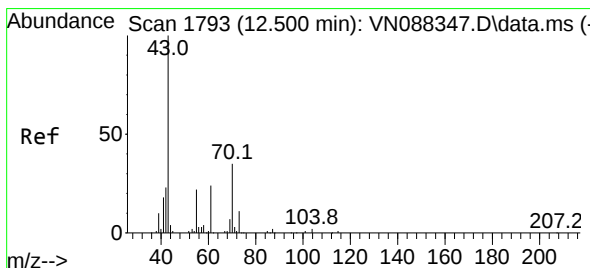
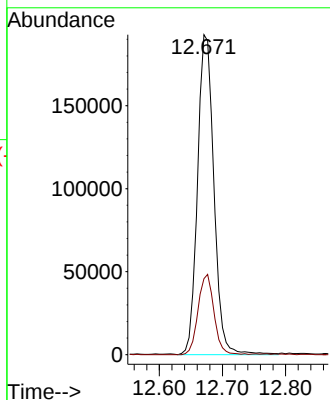
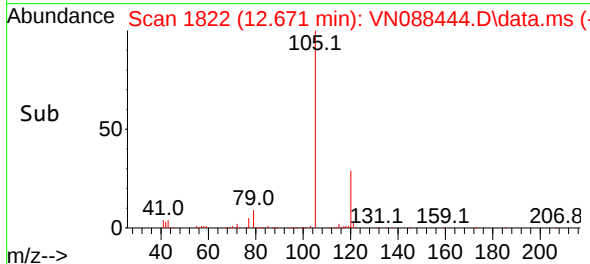
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



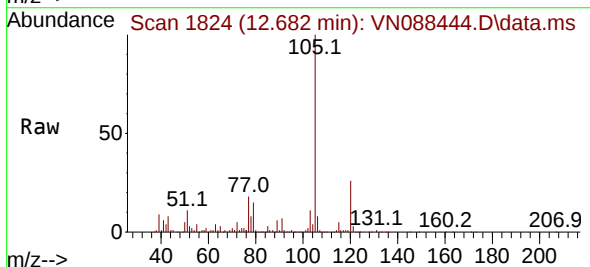
Tgt Ion: 105 Resp: 34723
Ion Ratio Lower Upper
105 100
120 24.3 12.8 38.3

Manual Integrations
APPROVED

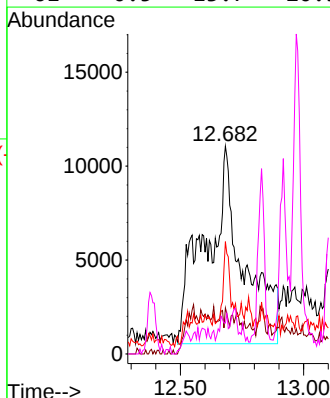
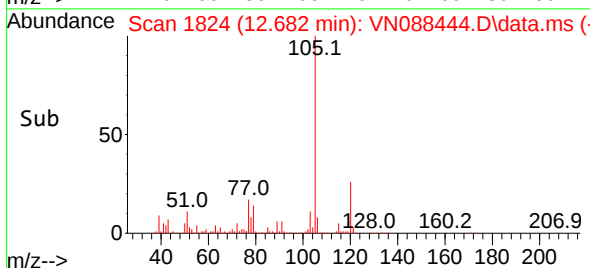
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

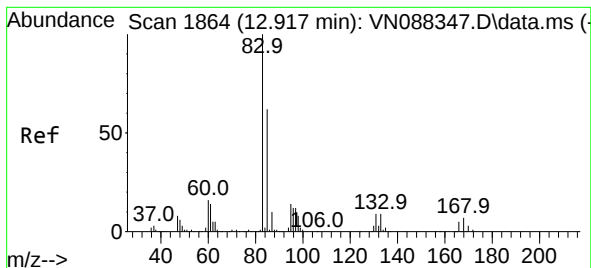


#74
N-ethyl acetate
Concen: 19.256 ug/l m
RT: 12.682 min Scan# 1824
Delta R.T. 0.182 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45



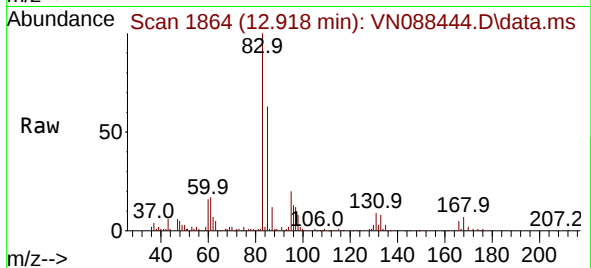
Tgt Ion: 43 Resp: 111327
Ion Ratio Lower Upper
43 100
70 7.4 28.3 42.5#
55 0.4 17.7 26.5#
61 0.5 13.7 20.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.235 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

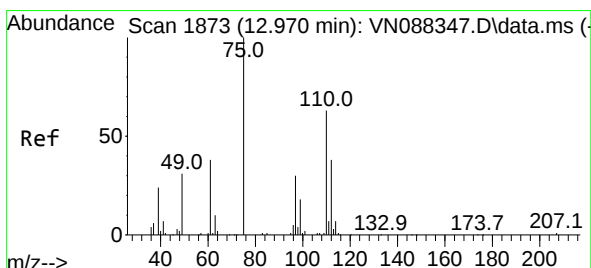
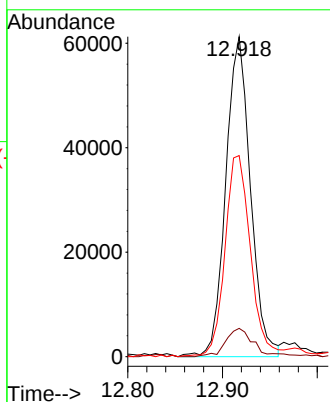
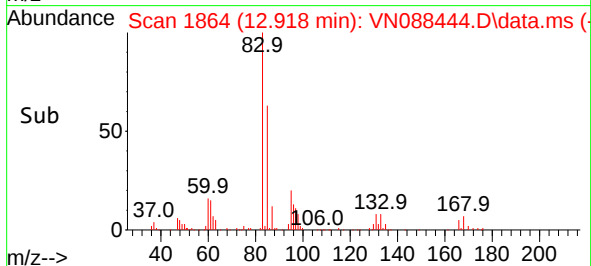
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



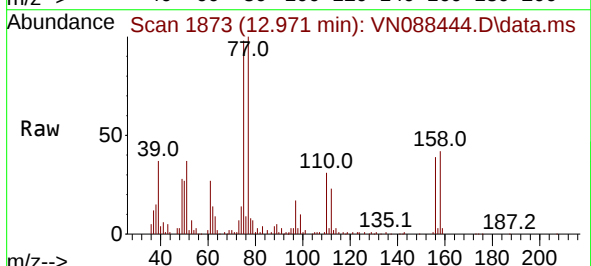
Tgt Ion: 83 Resp: 111054
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 65.2 32.1 96.5

Manual Integrations
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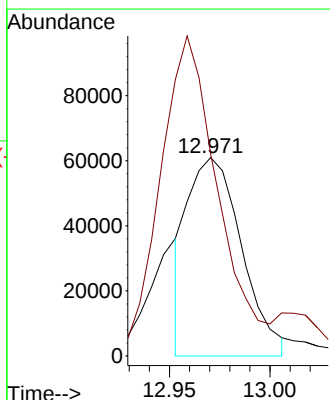
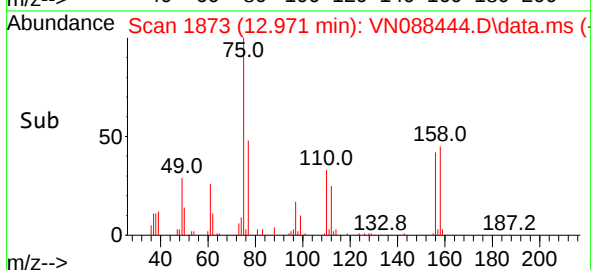
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

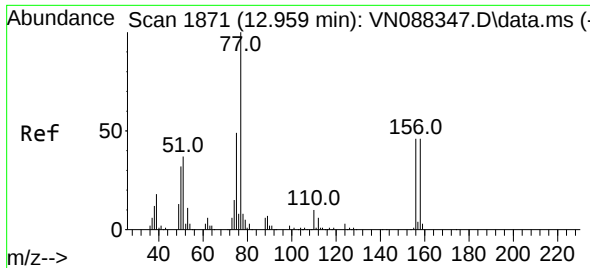


#76
1,2,3-Trichloropropane
Concen: 21.162 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45



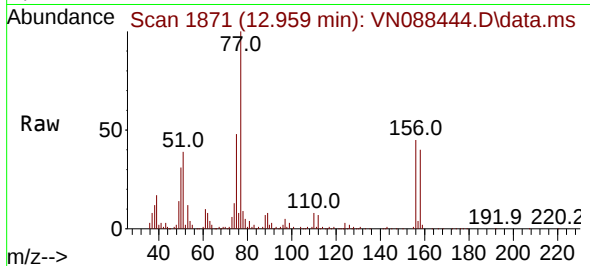
Tgt Ion: 75 Resp: 113801
Ion Ratio Lower Upper
75 100
77 172.4 87.2 261.6





#77
Bromobenzene
Concen: 19.992 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

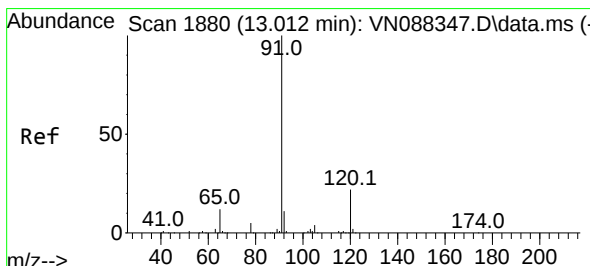
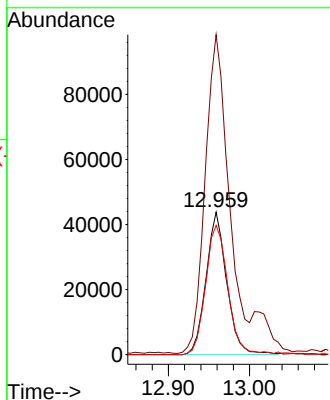
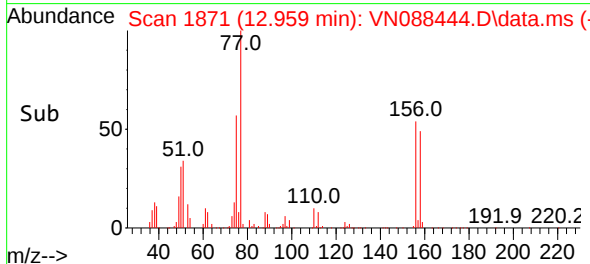
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion:156 Resp: 77652
Ion Ratio Lower Upper
156 100
77 252.7 121.6 364.7
158 97.6 48.6 145.8

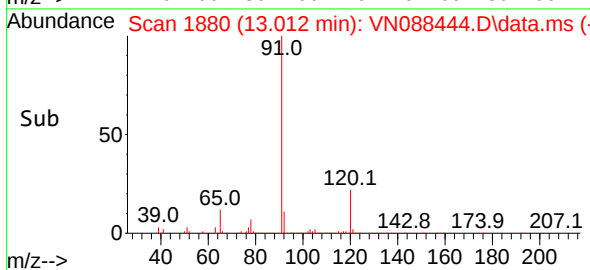
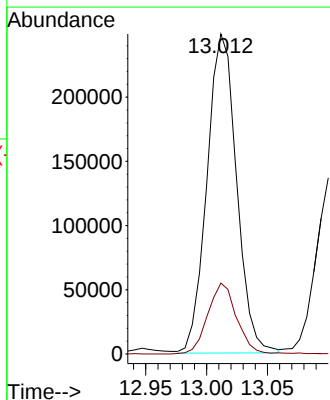
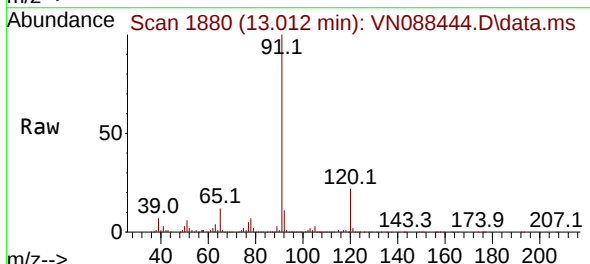
Manual Integrations
APPROVED

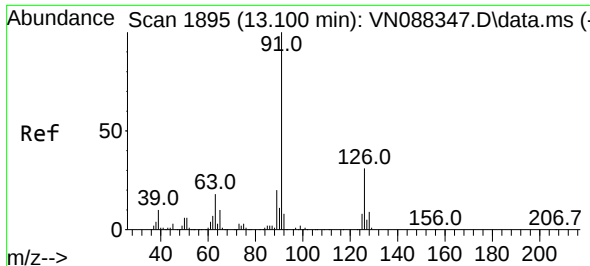
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#78
n-propylbenzene
Concen: 20.281 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

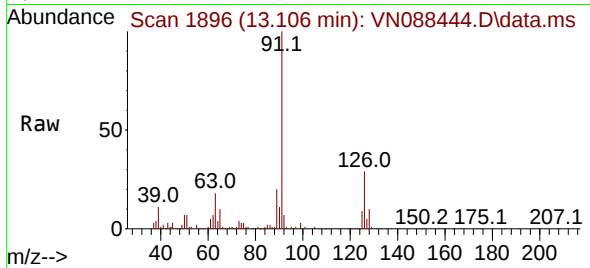
Tgt Ion: 91 Resp: 421199
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





#79
2-Chlorotoluene
Concen: 19.962 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

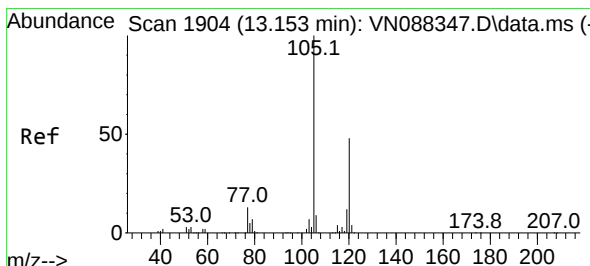
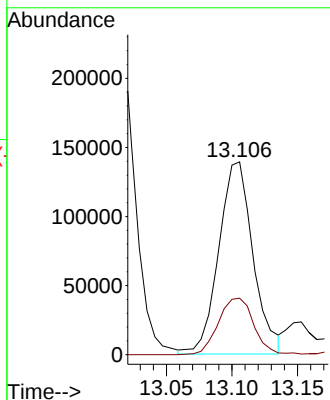
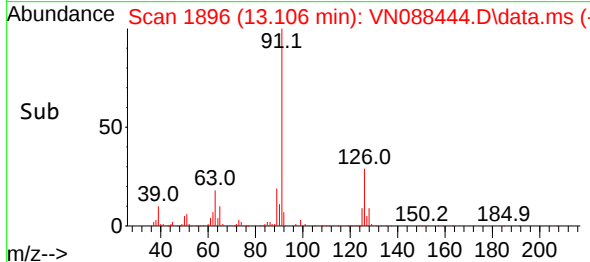
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



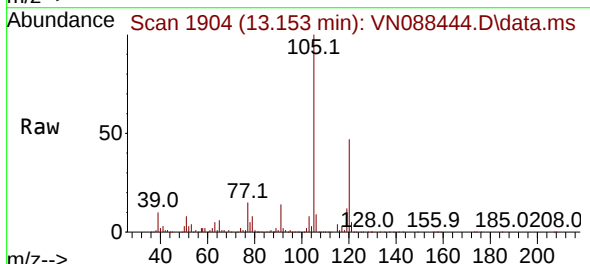
Tgt Ion: 91 Resp: 25317
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.9

Manual Integrations
APPROVED

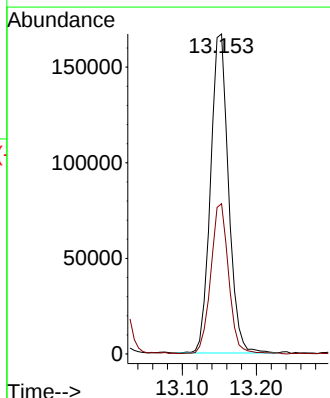
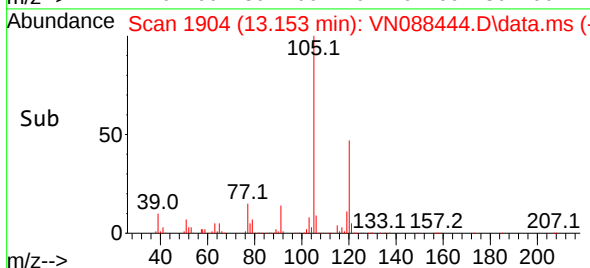
Reviewed By :John Carbone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

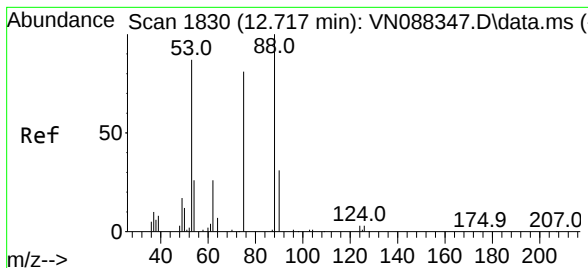


#80
1,3,5-Trimethylbenzene
Concen: 19.995 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45



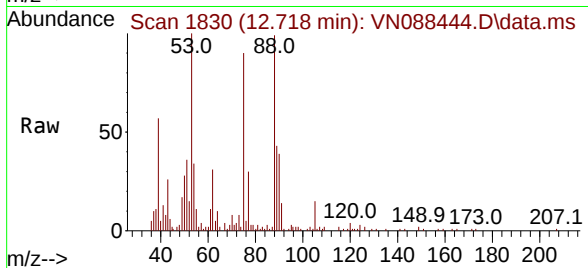
Tgt Ion:105 Resp: 281269
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.590 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

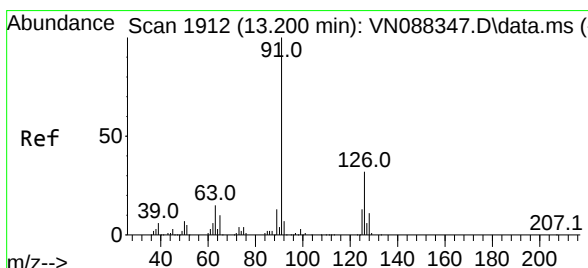
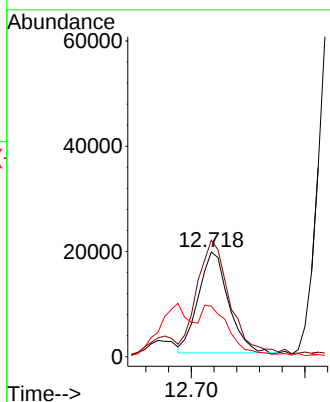
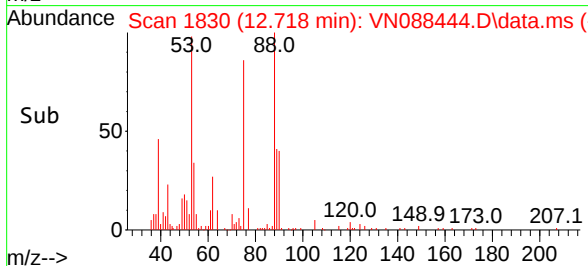
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 75 Resp: 35239
Ion Ratio Lower Upper
75 100
53 122.5 92.2 138.4
89 45.0 0.0 0.0

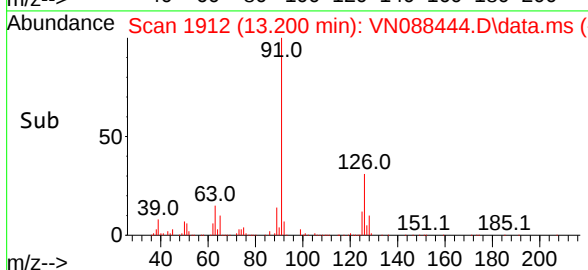
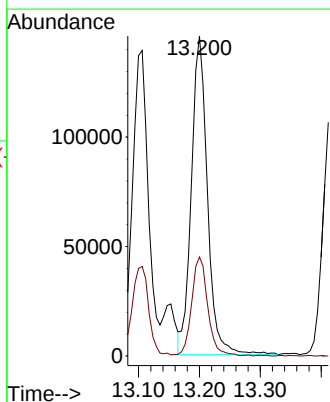
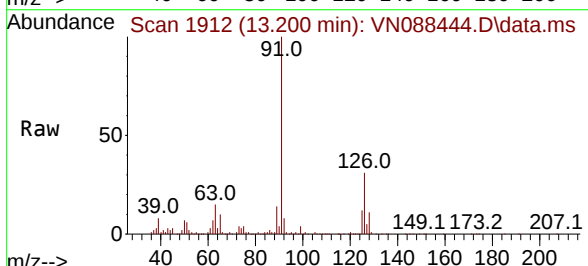
Manual Integrations
APPROVED

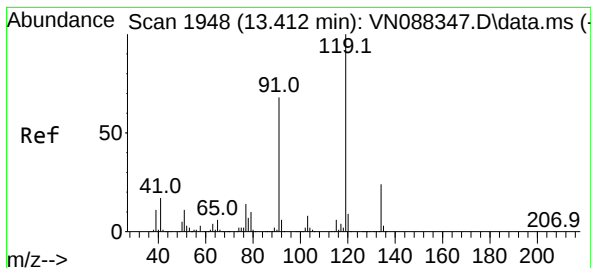
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#82
4-Chlorotoluene
Concen: 21.232 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

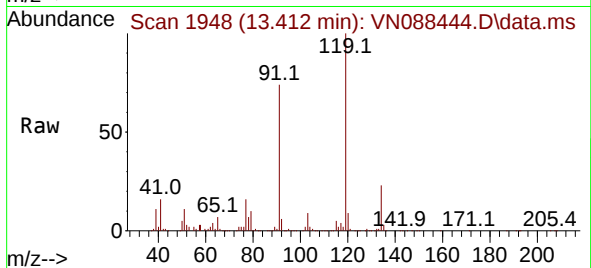
Tgt Ion: 91 Resp: 267452
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.7





#83
tert-Butylbenzene
Concen: 20.064 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

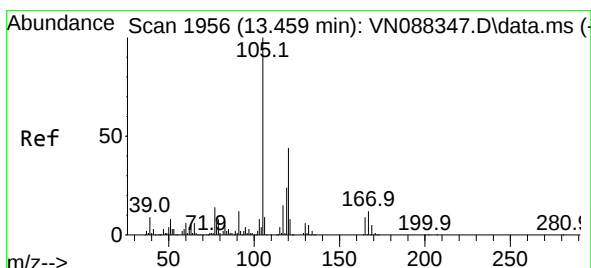
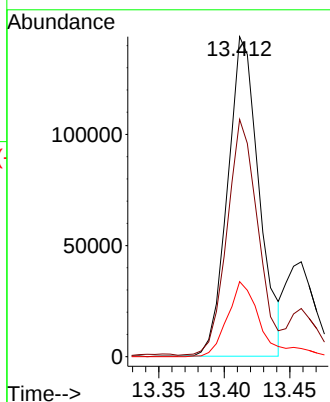
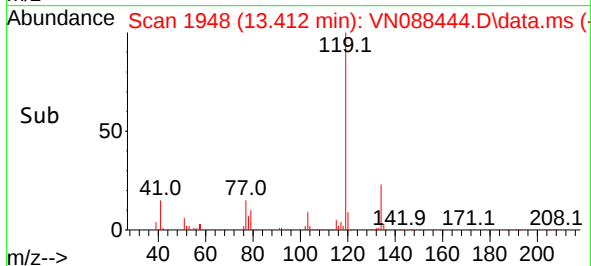
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



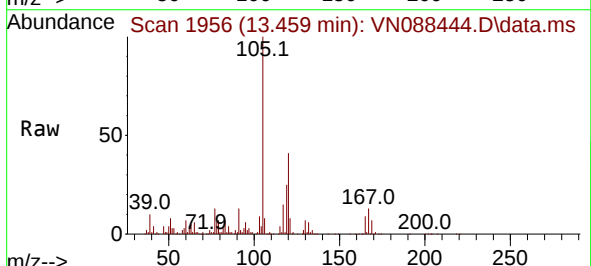
Tgt Ion:119 Resp: 239920
Ion Ratio Lower Upper
119 100
91 72.2 35.1 105.3
134 25.4 12.8 38.4

Manual Integrations
APPROVED

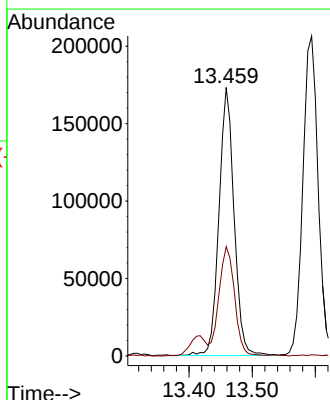
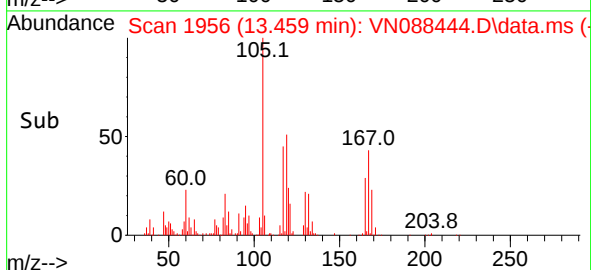
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

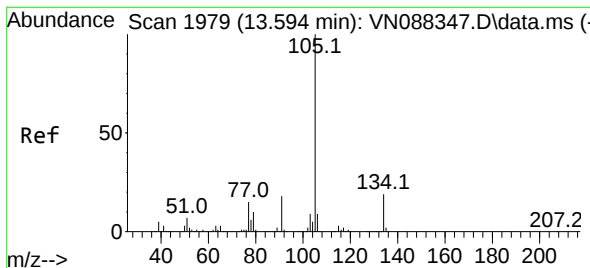


#84
1,2,4-Trimethylbenzene
Concen: 20.474 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45



Tgt Ion:105 Resp: 286265
Ion Ratio Lower Upper
105 100
120 41.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.048 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion:105 Resp: 344400

Ion Ratio Lower Upper

105 100

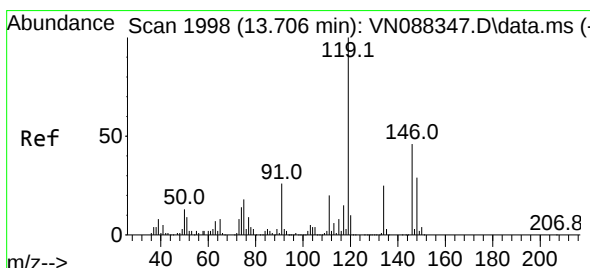
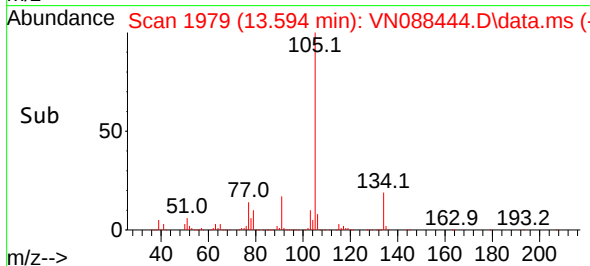
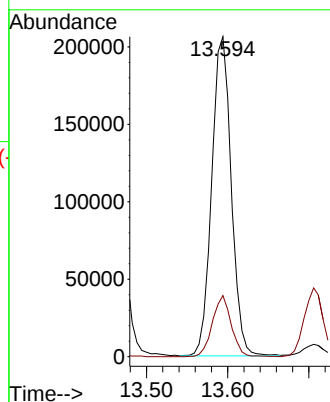
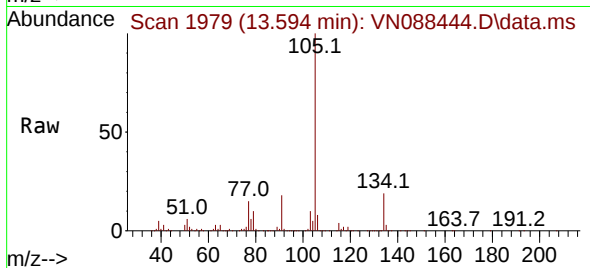
134 18.6 9.5 28.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#86

p-Isopropyltoluene

Concen: 20.130 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

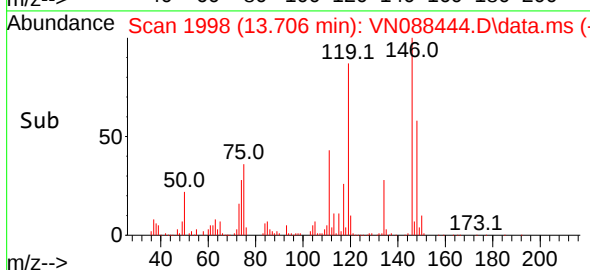
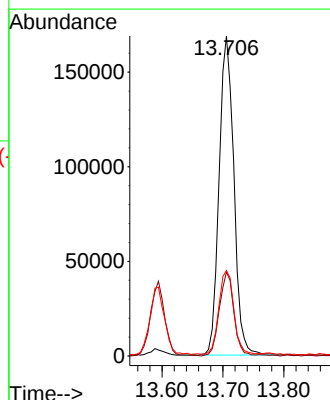
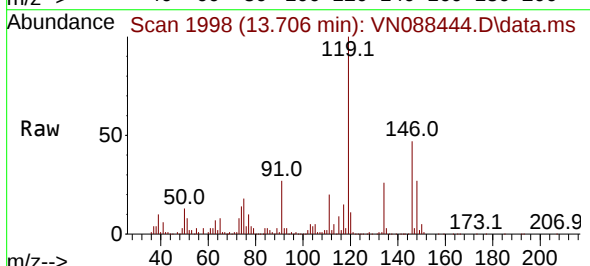
Tgt Ion:119 Resp: 283564

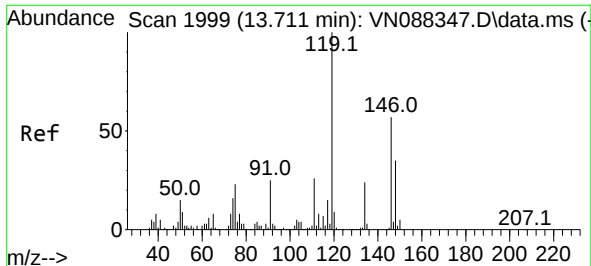
Ion Ratio Lower Upper

119 100

134 25.7 12.2 36.6

91 26.6 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 19.576 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion:146 Resp: 148014

Ion Ratio Lower Upper

146 100

111 44.0 22.4 67.0

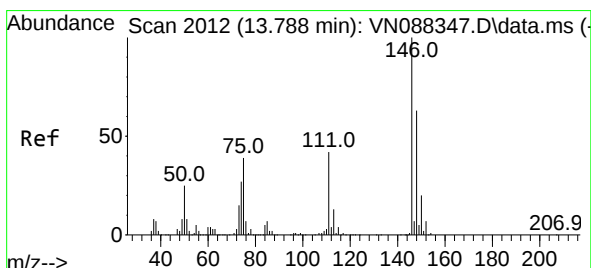
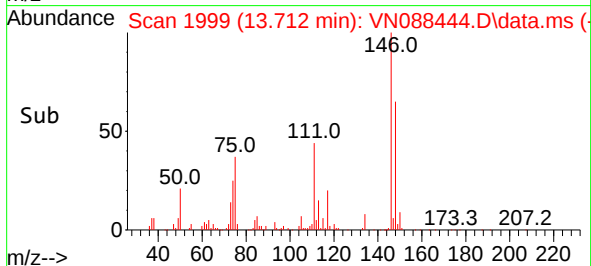
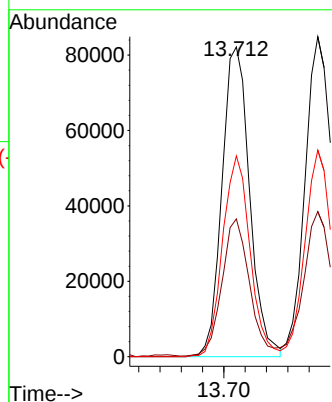
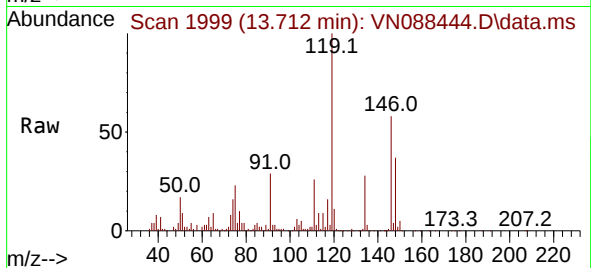
148 64.4 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#88

1,4-Dichlorobenzene

Concen: 19.200 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

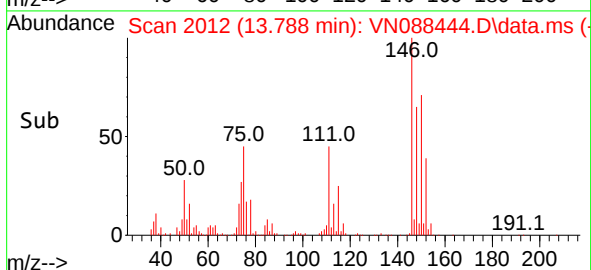
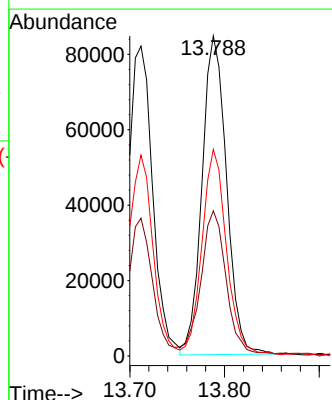
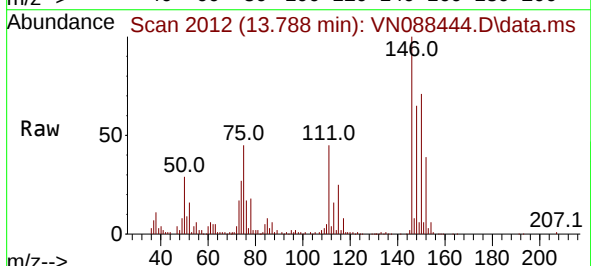
Tgt Ion:146 Resp: 152072

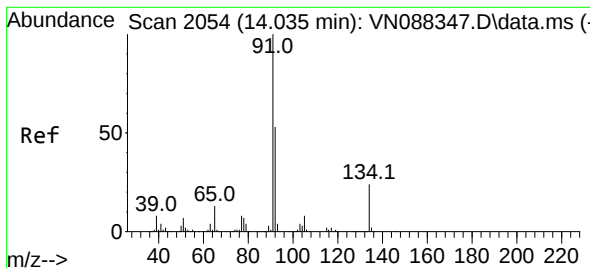
Ion Ratio Lower Upper

146 100

111 46.4 21.6 64.6

148 64.6 31.0 93.0





#89

n-Butylbenzene

Concen: 19.536 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion: 91 Resp: 26720

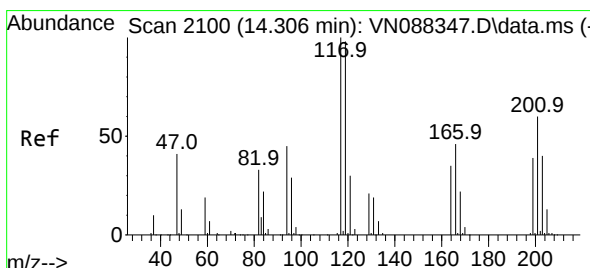
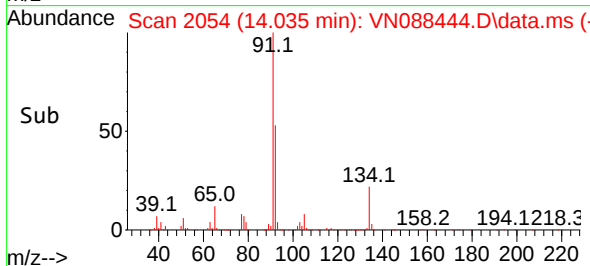
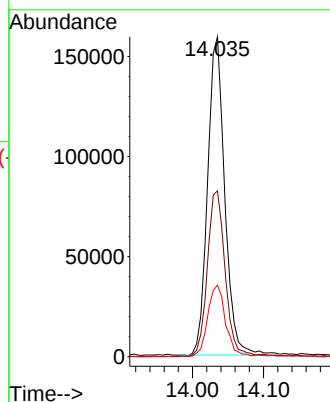
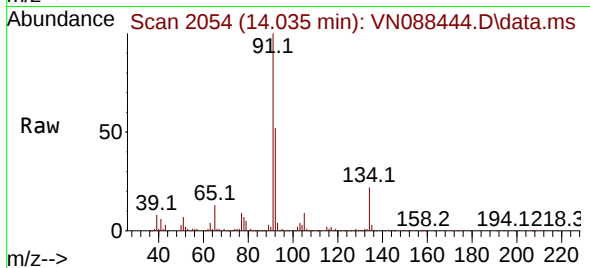
Ion	Ratio	Lower	Upper
91	100		
92	54.6	26.1	78.3
134	23.1	11.7	35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#90

Hexachloroethane

Concen: 18.947 ug/l

RT: 14.312 min Scan# 2101

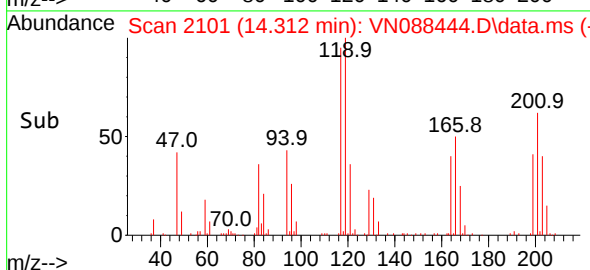
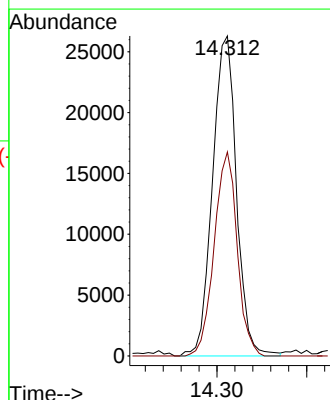
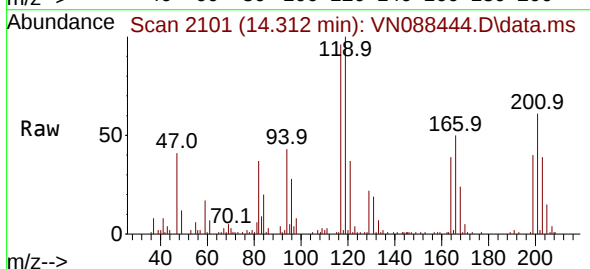
Delta R.T. 0.006 min

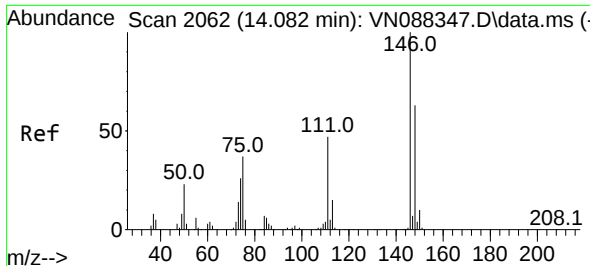
Lab File: VN088444.D

Acq: 04 Dec 2025 14:45

Tgt Ion:117 Resp: 48757

Ion	Ratio	Lower	Upper
117	100		
201	61.1	30.3	90.9





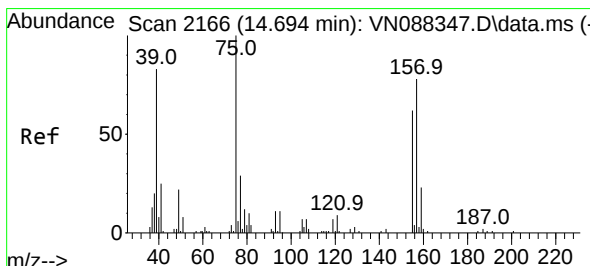
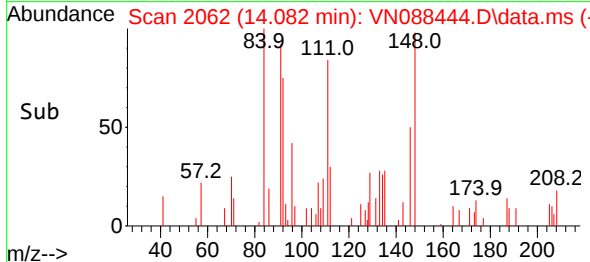
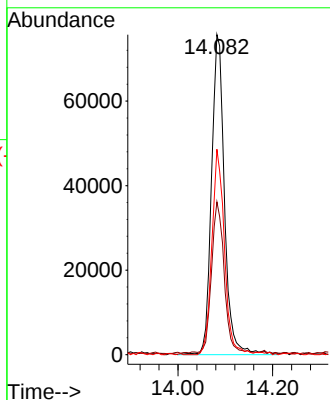
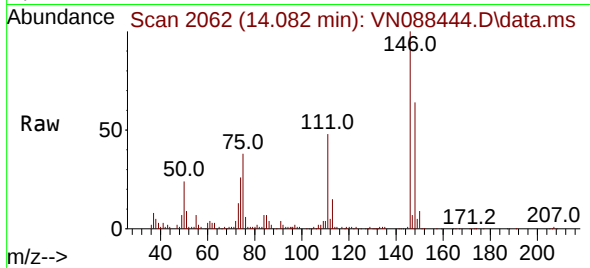
#91
1,2-Dichlorobenzene
Concen: 20.254 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:146 Resp: 14411
Ion Ratio Lower Upper
146 100
111 46.3 23.3 69.9
148 62.1 31.8 95.4

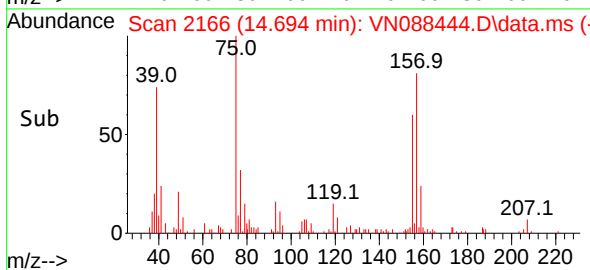
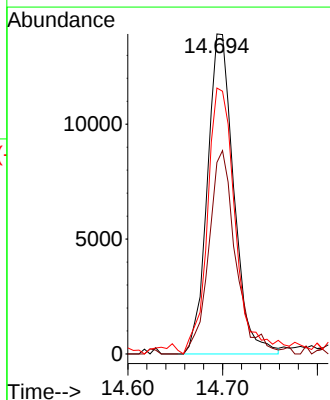
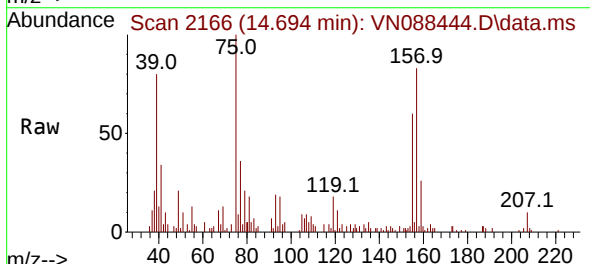
Manual Integrations
APPROVED

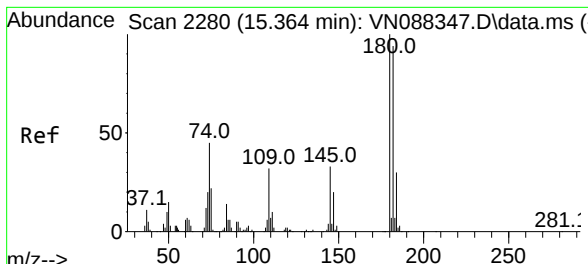
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.271 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

Tgt Ion: 75 Resp: 26992
Ion Ratio Lower Upper
75 100
155 65.1 33.7 101.1
157 88.3 43.8 131.3





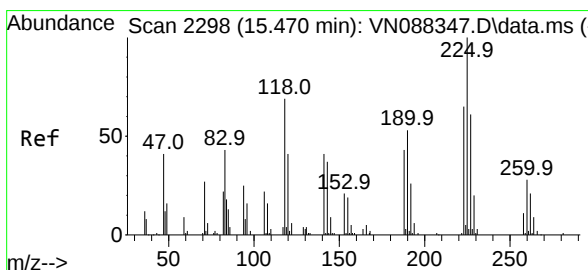
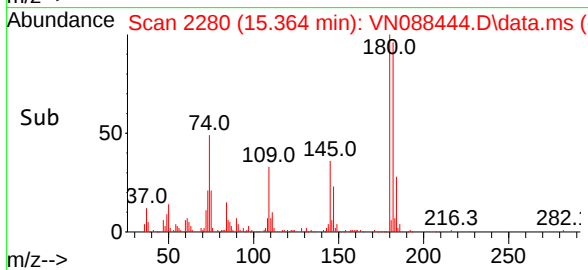
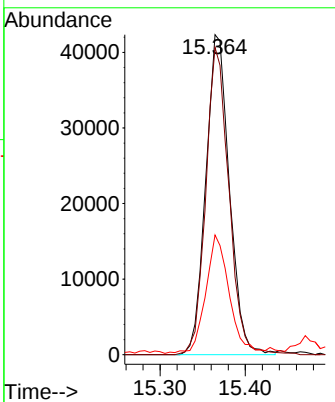
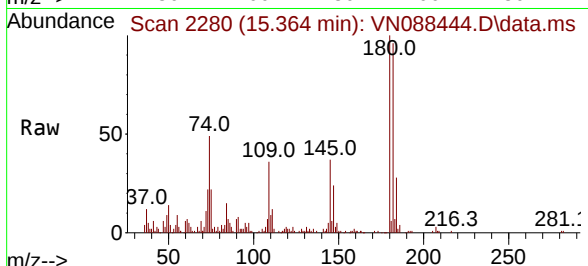
#93
 1,2,4-Trichlorobenzene
 Concen: 19.305 ug/l
 RT: 15.364 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088444.D
 Acq: 04 Dec 2025 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Tgt Ion:180	Resp:	81610
Ion Ratio	Lower	Upper
180	100	
182	94.0	46.1 138.2
145	36.9	16.7 50.1

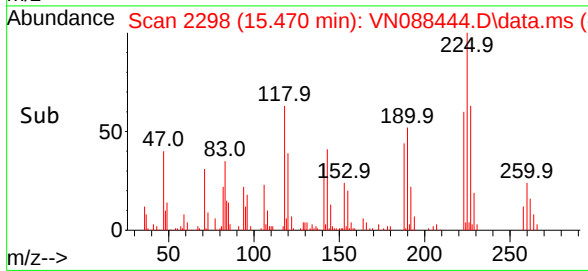
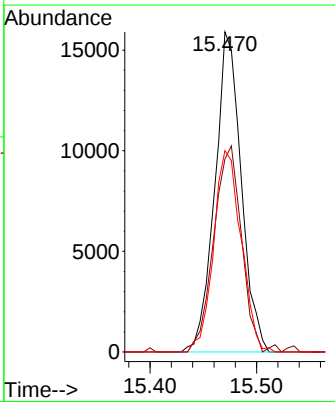
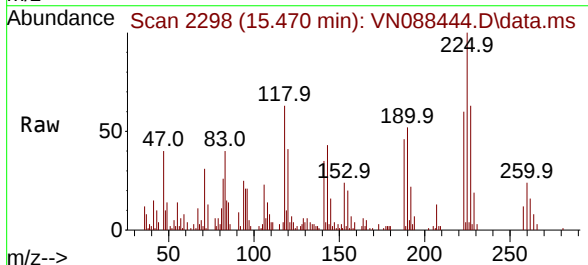
Manual Integrations
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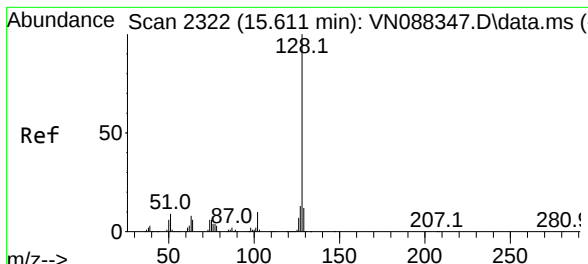
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025



#94
 Hexachlorobutadiene
 Concen: 17.976 ug/l
 RT: 15.470 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VN088444.D
 Acq: 04 Dec 2025 14:45

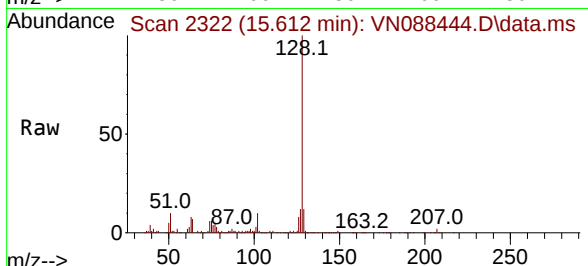
Tgt Ion:225	Resp:	27309
Ion Ratio	Lower	Upper
225	100	
223	67.5	32.3 96.8
227	65.9	29.9 89.8





#95
Naphthalene
Concen: 20.661 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45

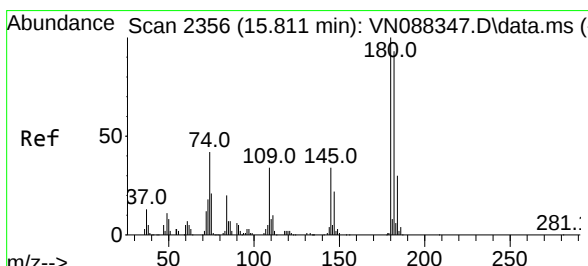
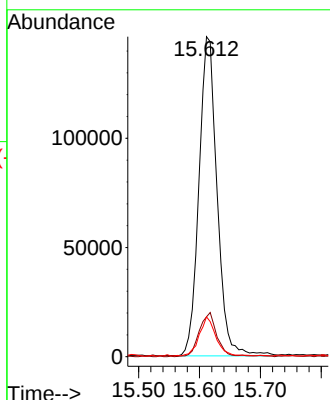
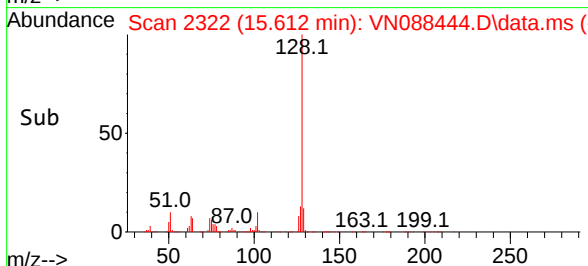
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



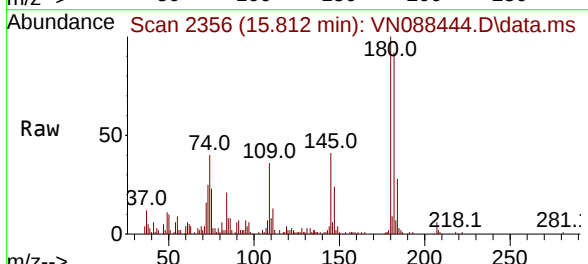
Tgt Ion:128 Resp: 30268
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.0 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.946 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088444.D
Acq: 04 Dec 2025 14:45



Tgt Ion:180 Resp: 77952
Ion Ratio Lower Upper
180 100
182 94.3 45.9 137.7
145 39.5 17.8 53.4

