

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088419.D
 Acq On : 03 Dec 2025 11:38
 Operator : JC\MD
 Sample : VN1203WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Quant Time: Dec 04 00:15:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	204614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	382235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	345174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	173546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	209173	54.267	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.540%			
35) Dibromofluoromethane	8.147	113	135788	51.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	10.547	98	488254	49.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.080%			
62) 4-Bromofluorobenzene	12.829	95	166873	49.346	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	60629	19.728	ug/l	99
3) Chloromethane	2.383	50	65720	19.910	ug/l	100
4) Vinyl Chloride	2.536	62	65541	19.518	ug/l	89
5) Bromomethane	2.983	94	34053	21.070	ug/l	94
6) Chloroethane	3.142	64	43089	20.735	ug/l	98
7) Trichlorofluoromethane	3.518	101	94329	19.987	ug/l	98
8) Diethyl Ether	3.965	74	36580	20.650	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	49588	19.736	ug/l	98
10) Methyl Iodide	4.583	142	41239	16.580	ug/l	92
11) Tert butyl alcohol	5.512	59	54309	88.250	ug/l	100
12) 1,1-Dichloroethene	4.347	96	47292	18.945	ug/l	95
13) Acrolein	4.171	56	59542	101.061	ug/l	97
14) Allyl chloride	5.018	41	89883	19.426	ug/l	99
15) Acrylonitrile	5.706	53	178927	100.773	ug/l	98
16) Acetone	4.424	43	128167	91.942	ug/l	97
17) Carbon Disulfide	4.712	76	158397	19.418	ug/l	98
18) Methyl Acetate	5.024	43	84767	20.428	ug/l	99
19) Methyl tert-butyl Ether	5.782	73	194085	20.752	ug/l	99
20) Methylene Chloride	5.271	84	63283	21.218	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	55829	20.189	ug/l	94
22) Diisopropyl ether	6.653	45	214599	21.725	ug/l	97
23) Vinyl Acetate	6.588	43	930390	116.902	ug/l	99
24) 1,1-Dichloroethane	6.547	63	120920	21.616	ug/l	98
25) 2-Butanone	7.465	43	221378	98.785	ug/l	96
26) 2,2-Dichloropropane	7.471	77	99733	20.655	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	66616	20.728	ug/l	97
28) Bromochloromethane	7.800	49	55880	20.052	ug/l	97
29) Tetrahydrofuran	7.824	42	159218	99.052	ug/l	99
30) Chloroform	7.947	83	120855	21.987	ug/l	97
31) Cyclohexane	8.235	56	96506	19.037	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	99906	20.671	ug/l	91
36) 1,1-Dichloropropene	8.347	75	76957	18.825	ug/l	99
37) Ethyl Acetate	7.547	43	107252	19.953	ug/l	100
38) Carbon Tetrachloride	8.335	117	84507	20.765	ug/l	93
39) Methylcyclohexane	9.582	83	75011	17.154	ug/l	90
40) Benzene	8.582	78	243262	20.274	ug/l	97

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Quant Time: Dec 04 00:15:18 2025
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 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)
41) Methacrylonitrile	7.759	41	53665	20.157	ug/l	99
42) 1,2-Dichloroethane	8.653	62	102116	22.307	ug/l	100
43) Isopropyl Acetate	8.671	43	159565	19.429	ug/l	100
44) Trichloroethene	9.329	130	54294	19.151	ug/l	96
45) 1,2-Dichloropropane	9.600	63	64434	20.960	ug/l	93
46) Dibromomethane	9.688	93	46137	21.030	ug/l	99
47) Bromodichloromethane	9.865	83	97667	21.818	ug/l	89
48) Methyl methacrylate	9.659	41	76248	20.348	ug/l	98
49) 1,4-Dioxane	9.682	88	15069	316.210	ug/l #	100
51) 4-Methyl-2-Pentanone	10.423	43	513300	106.034	ug/l	99
52) Toluene	10.606	92	144540	20.863	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	93059	20.253	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	101913	21.091	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	56551	21.097	ug/l	95
56) Ethyl methacrylate	10.853	69	86232	20.366	ug/l	99
57) 1,3-Dichloropropane	11.141	76	102375	21.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.135	63	244731	100.257	ug/l	100
59) 2-Hexanone	11.176	43	299829	98.319	ug/l	100
60) Dibromochloromethane	11.335	129	65438	21.415	ug/l	97
61) 1,2-Dibromoethane	11.447	107	58683	21.619	ug/l	99
64) Tetrachloroethene	11.082	164	45186	16.513	ug/l	95
65) Chlorobenzene	11.864	112	155133	20.009	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	54875	20.985	ug/l	98
67) Ethyl Benzene	11.941	91	257971	19.037	ug/l	99
68) m/p-Xylenes	12.047	106	189907	37.798	ug/l	97
69) o-Xylene	12.376	106	90507	18.895	ug/l	97
70) Styrene	12.388	104	155850	20.038	ug/l	99
71) Bromoform	12.559	173	39365	20.553	ug/l #	99
73) Isopropylbenzene	12.676	105	232755	18.139	ug/l	99
74) N-amyl acetate	12.688	43	97909m	22.405	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.911	83	81442	19.633	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	72180m	17.758	ug/l	
77) Bromobenzene	12.959	156	57417	19.557	ug/l	98
78) n-propylbenzene	13.011	91	289837	18.463	ug/l	100
79) 2-Chlorotoluene	13.100	91	179184	18.692	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	205222	19.301	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.717	75	25746	17.969	ug/l #	73
82) 4-Chlorotoluene	13.200	91	187794	19.723	ug/l	98
83) tert-Butylbenzene	13.411	119	160403	17.746	ug/l	98
84) 1,2,4-Trimethylbenzene	13.458	105	200317	18.954	ug/l	99
85) sec-Butylbenzene	13.594	105	232322	17.891	ug/l	99
86) p-Isopropyltoluene	13.706	119	189351	17.783	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	109325	19.129	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	117948	19.702	ug/l	99
89) n-Butylbenzene	14.029	91	180513	17.460	ug/l	98
90) Hexachloroethane	14.311	117	36435	18.731	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	104500	19.430	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	18143	18.026	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	56227	17.595	ug/l	98
94) Hexachlorobutadiene	15.470	225	19920	17.347	ug/l	97
95) Naphthalene	15.617	128	185176	16.723	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	54328	17.469	ug/l	99

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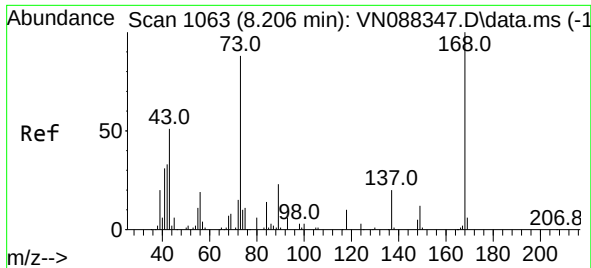
Manual Integrations
APPROVED

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Quant Time: Dec 04 00:15:18 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

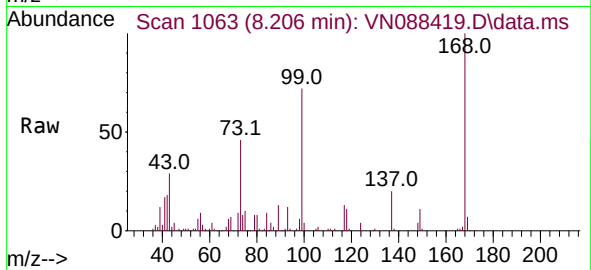
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=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: VN088419.D
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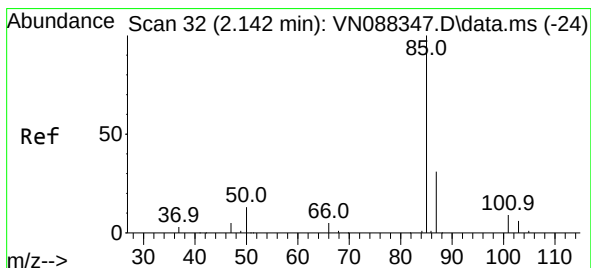
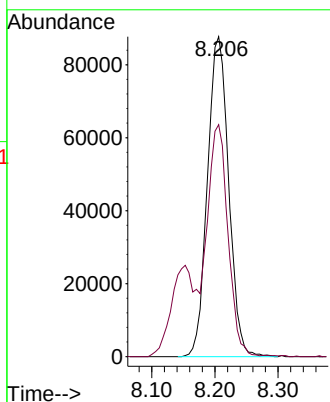
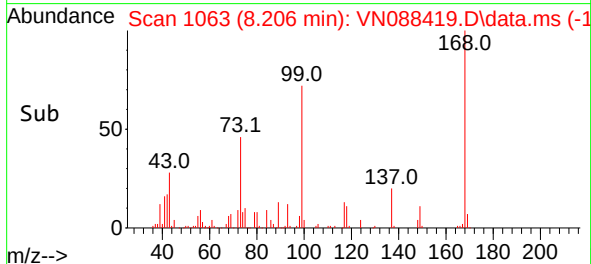
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion:168 Resp: 204614
Ion Ratio Lower Upper
168 100
99 72.2 57.1 85.7

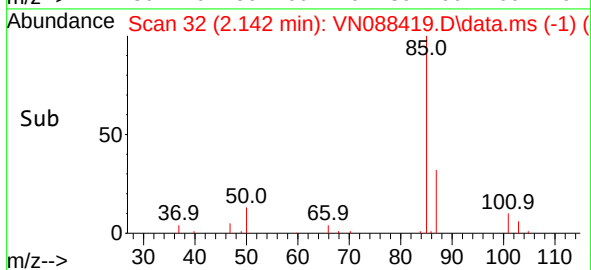
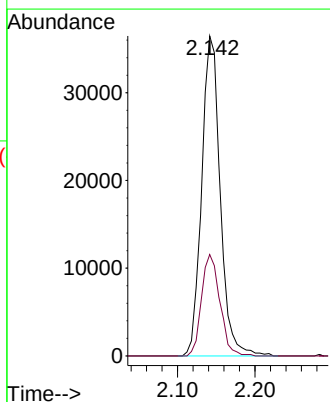
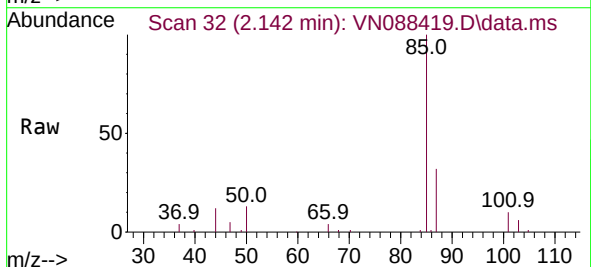
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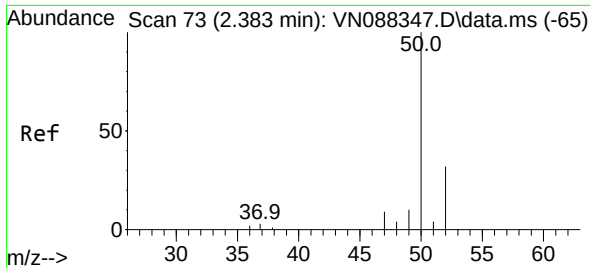
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#2
Dichlorodifluoromethane
Concen: 19.728 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion: 85 Resp: 60629
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.7





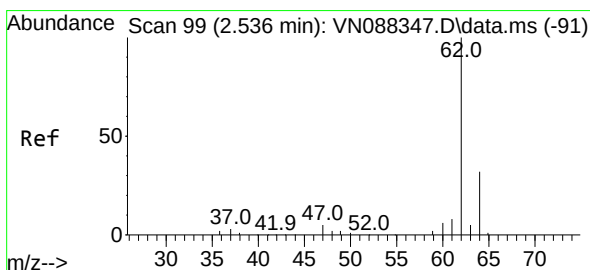
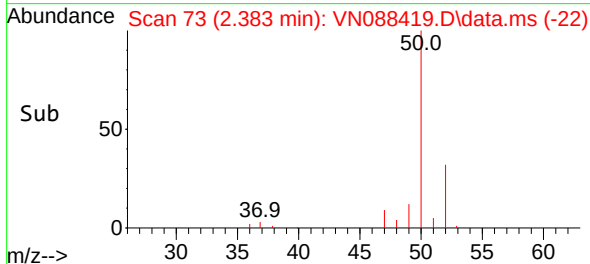
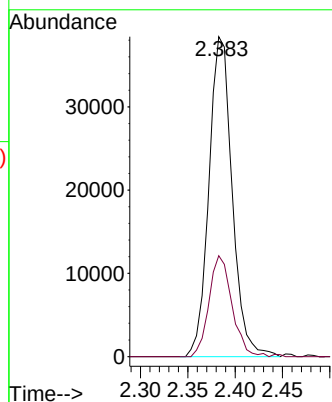
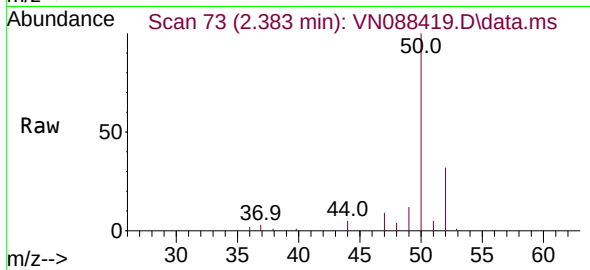
#3
Chloromethane
Concen: 19.910 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Instrument :
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Tgt Ion: 50 Resp: 65720
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8

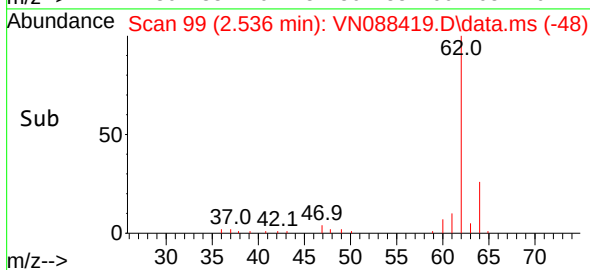
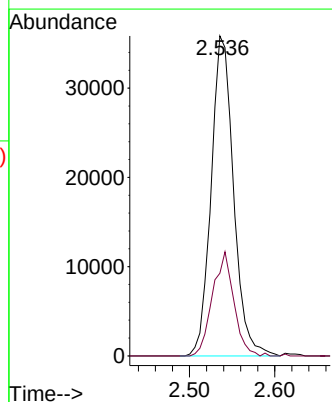
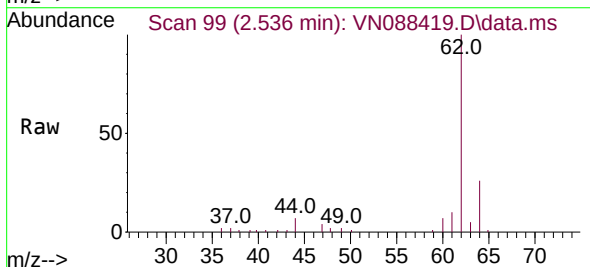
Manual Integrations
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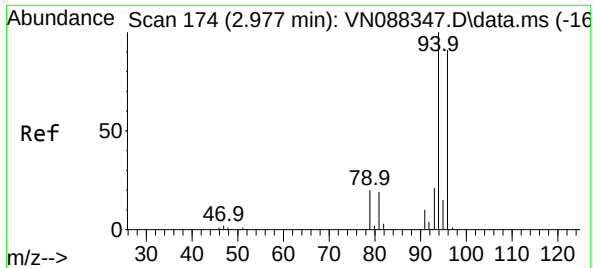
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#4
Vinyl Chloride
Concen: 19.518 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion: 62 Resp: 65541
Ion Ratio Lower Upper
62 100
64 25.8 25.4 38.2





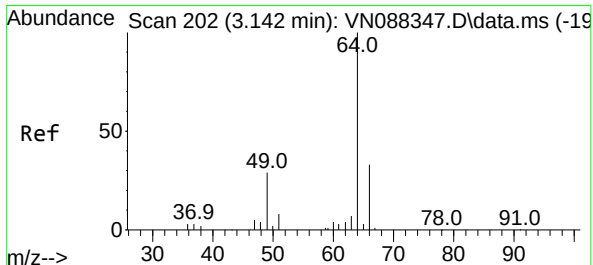
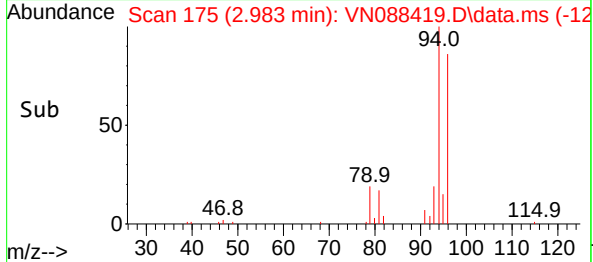
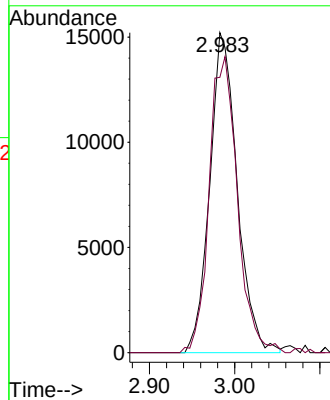
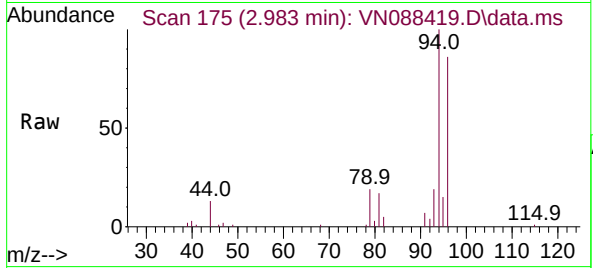
#5
Bromomethane
Concen: 21.070 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Instrument :
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ClientSampleId :
VN1203WBS01

Tgt Ion: 94 Resp: 3405
Ion Ratio Lower Upper
94 100
96 86.1 73.2 109.8

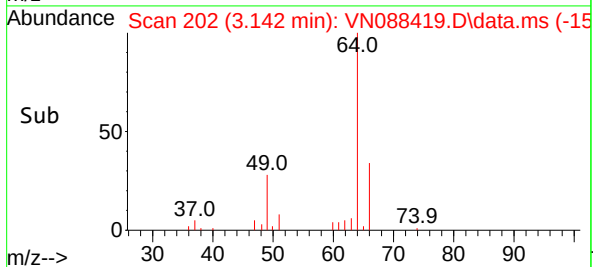
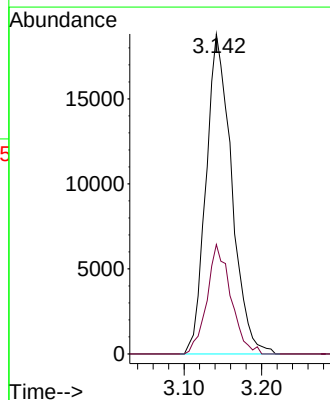
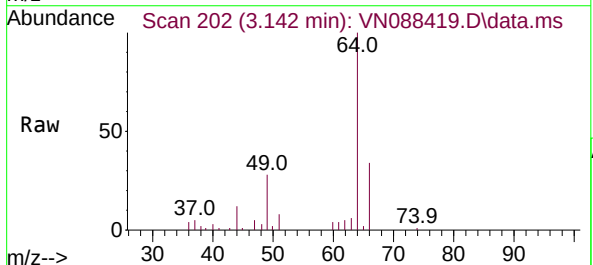
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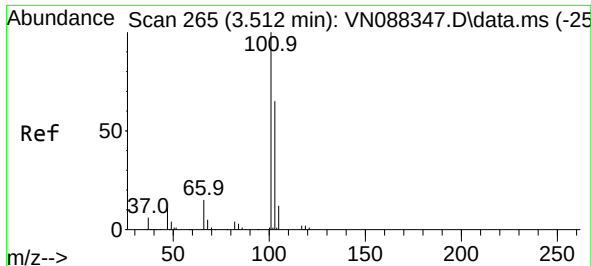
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 20.735 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

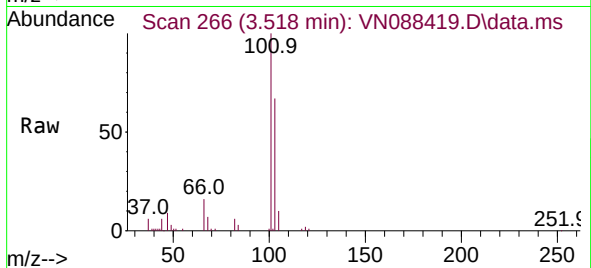
Tgt Ion: 64 Resp: 43089
Ion Ratio Lower Upper
64 100
66 34.2 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.987 ug/l
 RT: 3.518 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN088419.D
 Acq: 03 Dec 2025 11:38

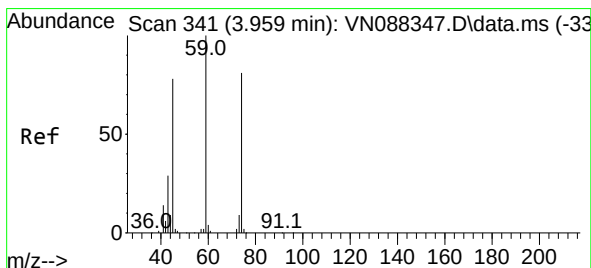
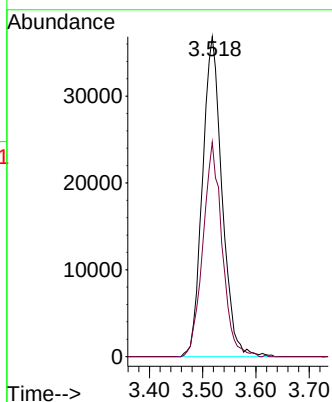
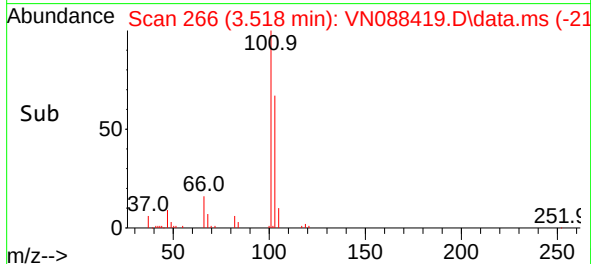
Instrument :
 MSVOA_N
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 VN1203WBS01



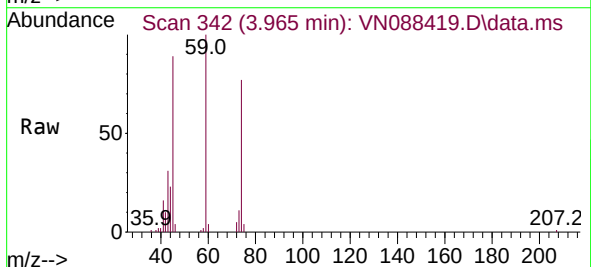
Tgt Ion:101 Resp: 94329
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.3 78.5

Manual Integrations
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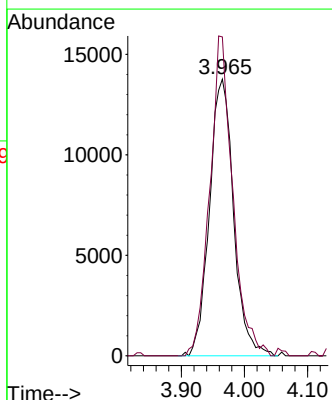
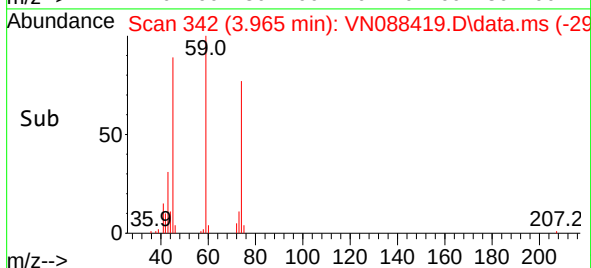
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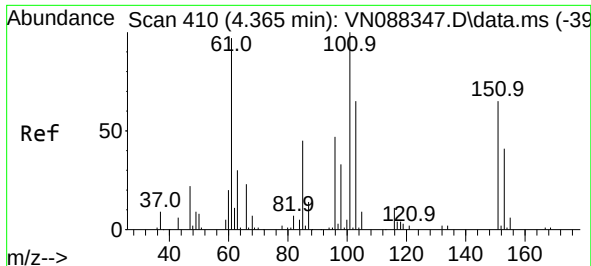


#8
 Diethyl Ether
 Concen: 20.650 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088419.D
 Acq: 03 Dec 2025 11:38



Tgt Ion: 74 Resp: 36580
 Ion Ratio Lower Upper
 74 100
 45 110.1 54.2 162.6





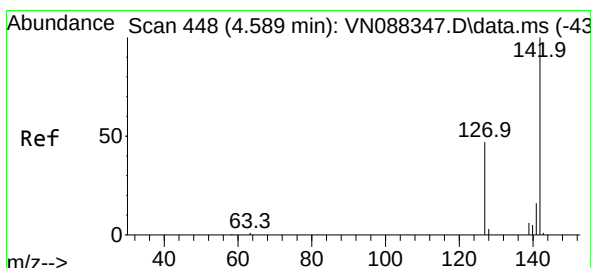
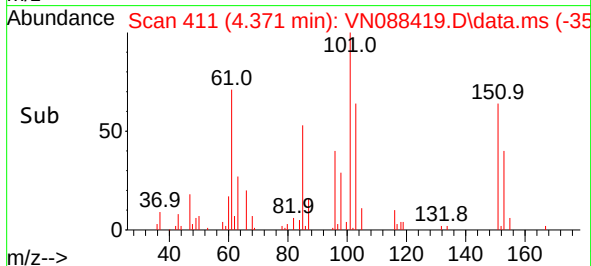
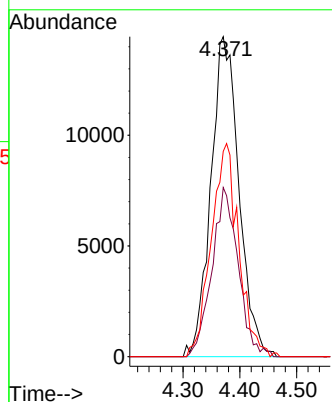
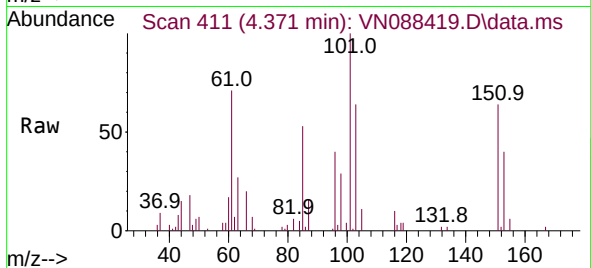
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.736 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088419.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion:101 Resp: 49588
Ion Ratio Lower Upper
101 100
85 49.3 39.2 58.8
151 65.0 53.6 80.4

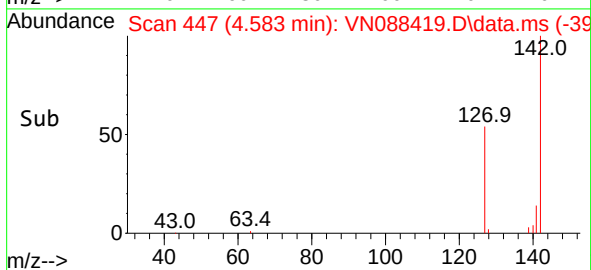
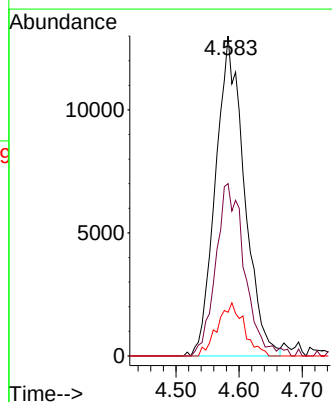
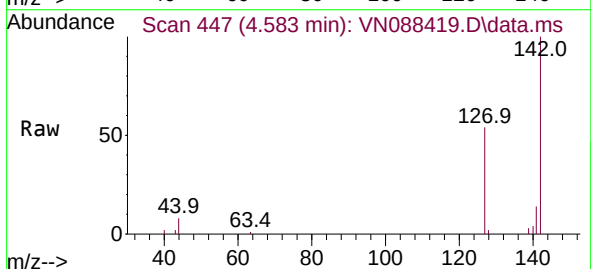
Manual Integrations
APPROVED

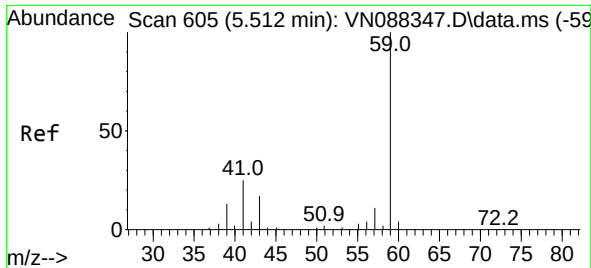
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 16.580 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

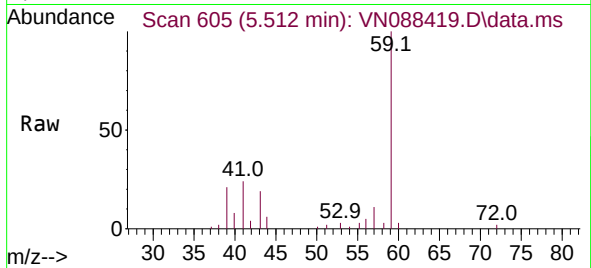
Tgt Ion:142 Resp: 41239
Ion Ratio Lower Upper
142 100
127 53.8 37.9 56.9
141 13.6 12.4 18.6





#11
Tert butyl alcohol
Concen: 88.250 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

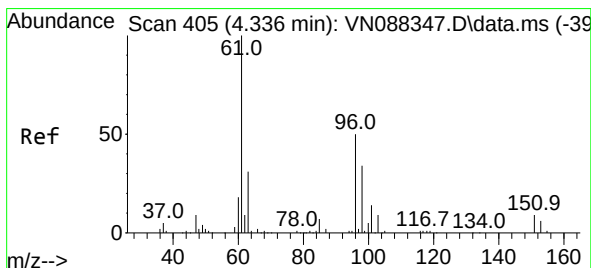
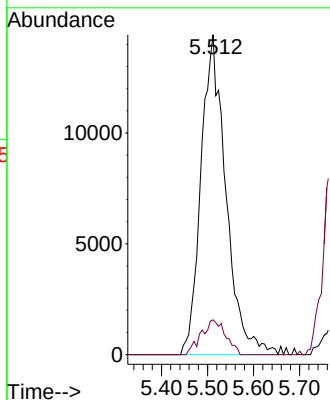
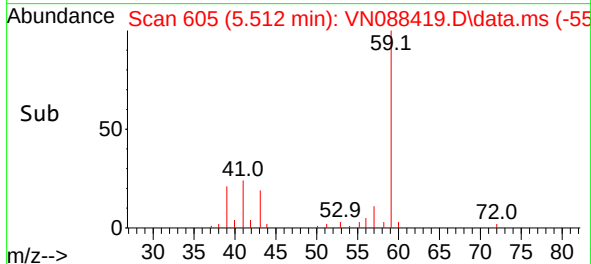
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



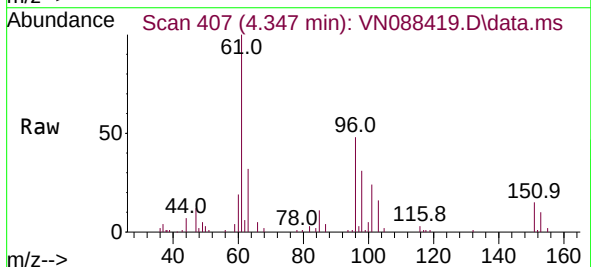
Tgt Ion: 59 Resp: 54309
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

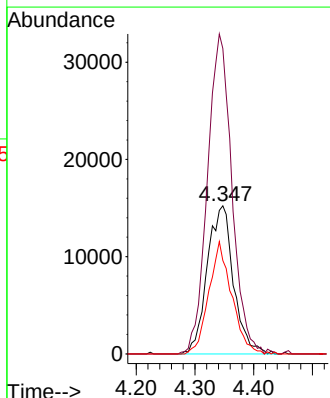
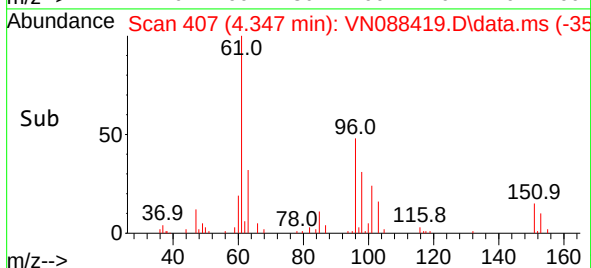
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

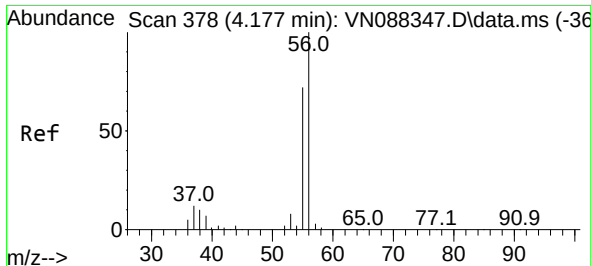


#12
1,1-Dichloroethene
Concen: 18.945 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38



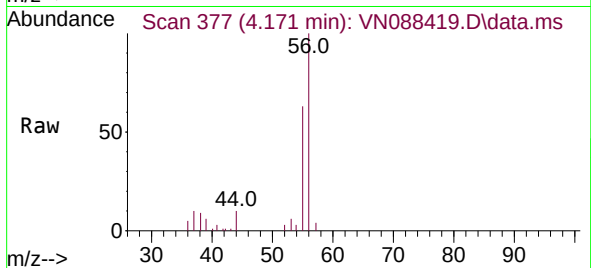
Tgt Ion: 96 Resp: 47292
Ion Ratio Lower Upper
96 100
61 206.2 159.1 238.7
98 63.1 53.7 80.5





#13
Acrolein
Concen: 101.061 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

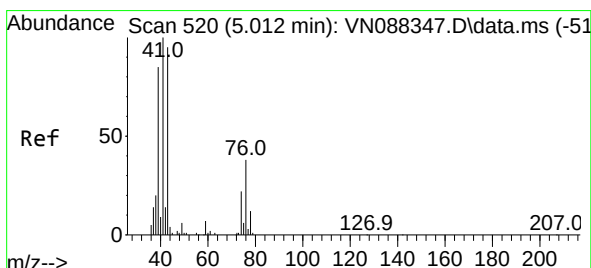
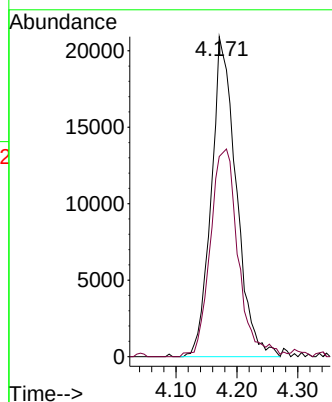
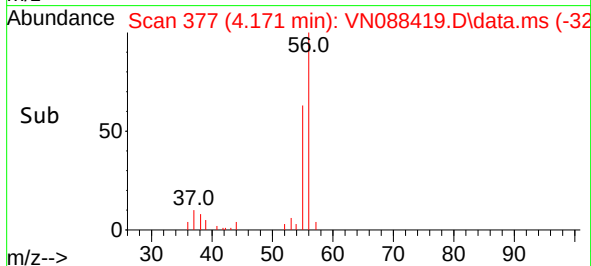
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 56 Resp: 59542
Ion Ratio Lower Upper
56 100
55 72.6 56.3 84.5

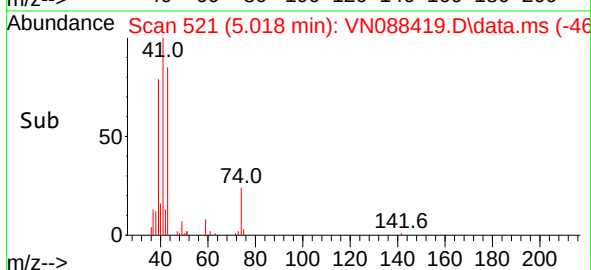
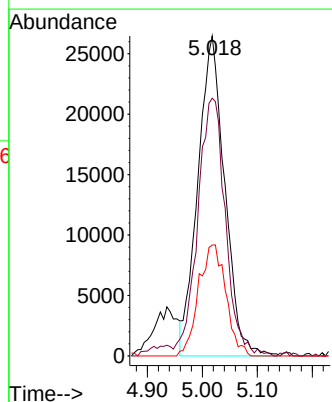
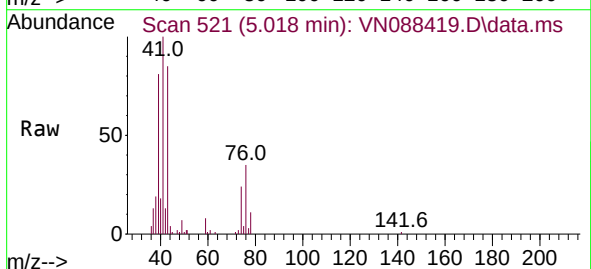
Manual Integrations
APPROVED

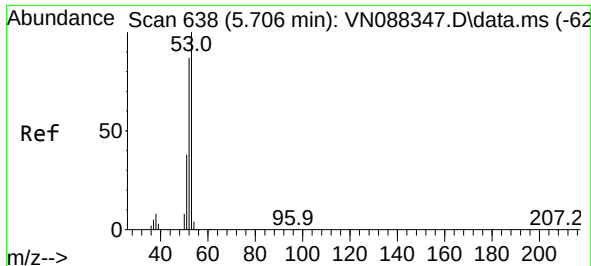
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 19.426 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

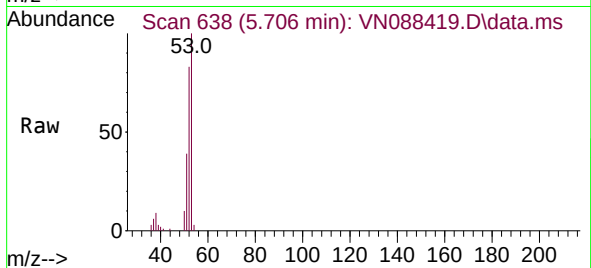
Tgt Ion: 41 Resp: 89883
Ion Ratio Lower Upper
41 100
39 80.6 64.7 97.1
76 35.2 29.1 43.7





#15
Acrylonitrile
Concen: 100.773 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

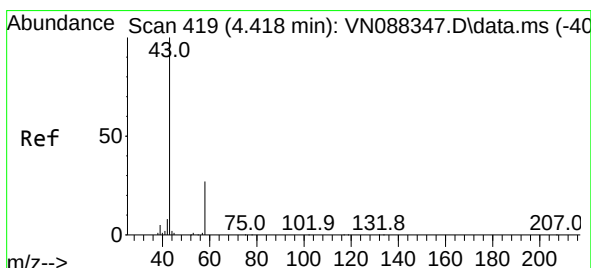
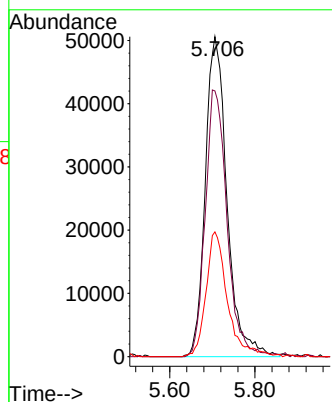
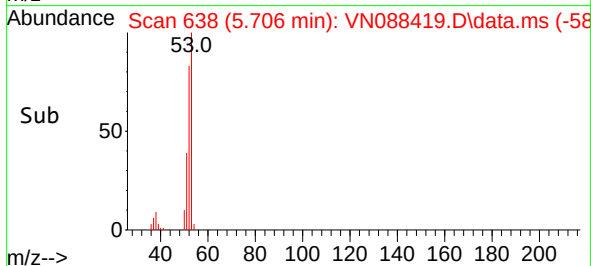
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 53 Resp: 178927
Ion Ratio Lower Upper
53 100
52 83.4 67.8 101.6
51 38.5 29.8 44.8

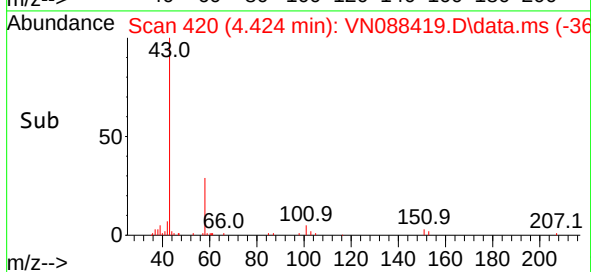
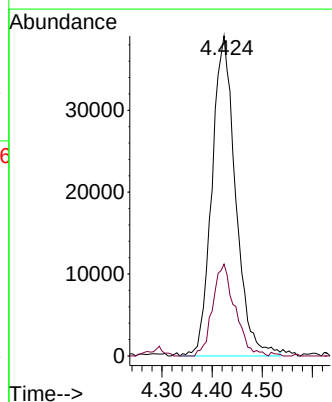
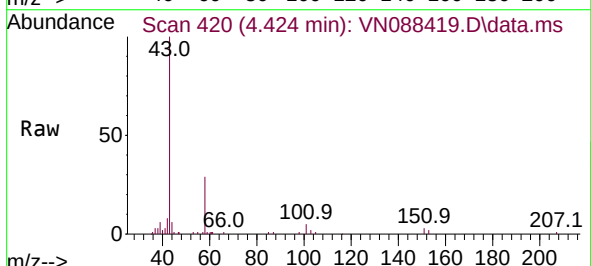
Manual Integrations
APPROVED

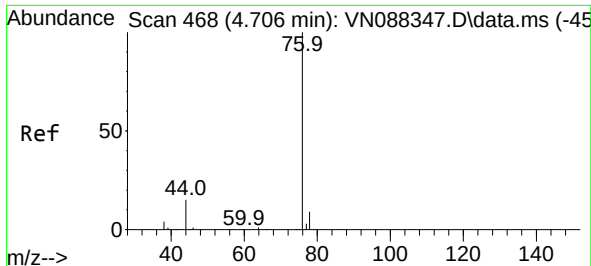
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 91.942 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion: 43 Resp: 128167
Ion Ratio Lower Upper
43 100
58 28.7 21.7 32.5





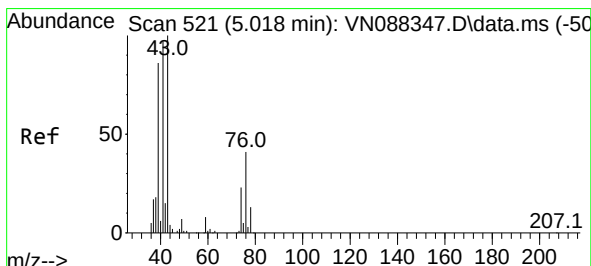
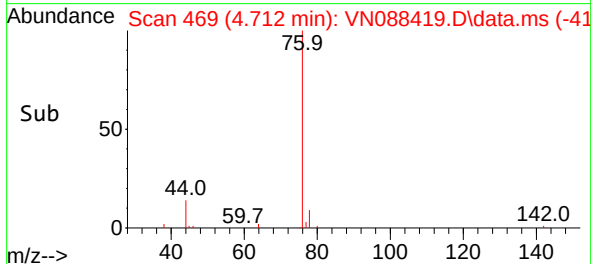
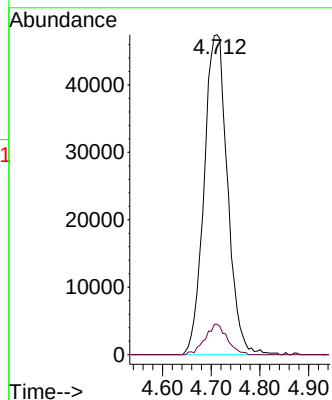
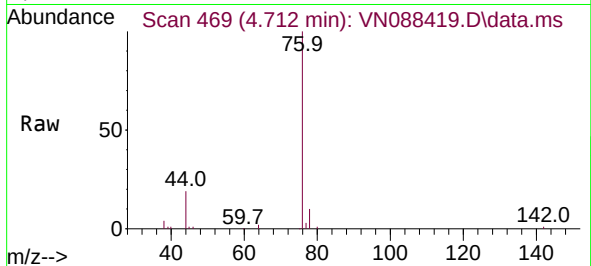
#17
Carbon Disulfide
Concen: 19.418 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion: 76 Resp: 158397
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4

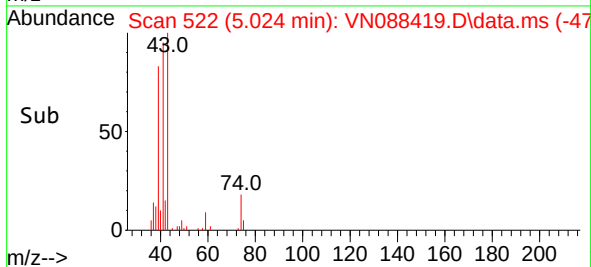
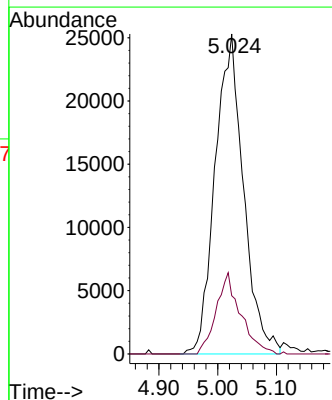
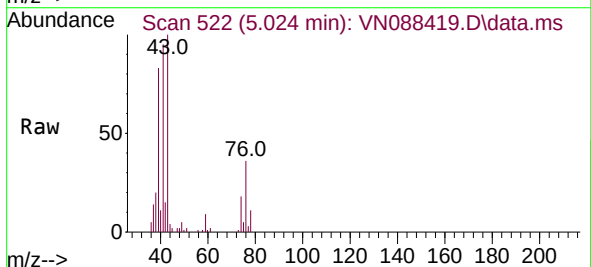
Manual Integrations
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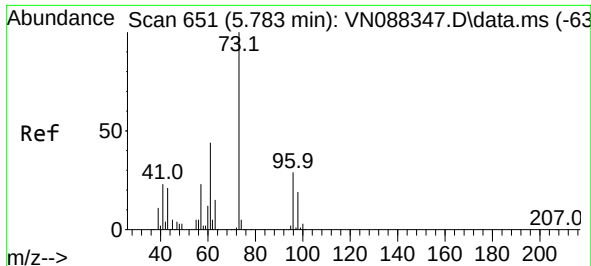
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 20.428 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion: 43 Resp: 84767
Ion Ratio Lower Upper
43 100
74 21.8 17.9 26.9





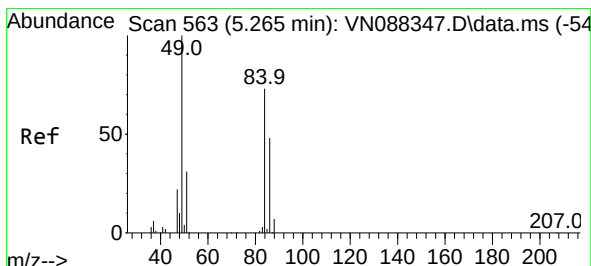
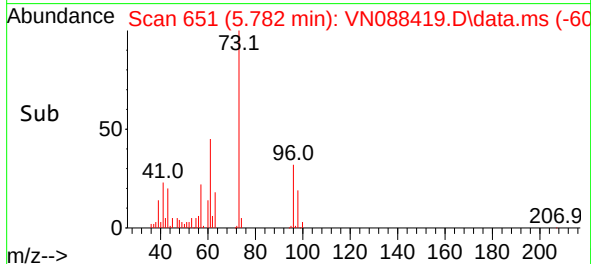
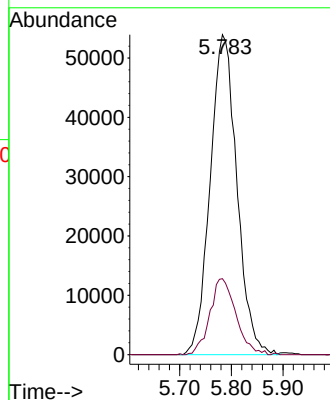
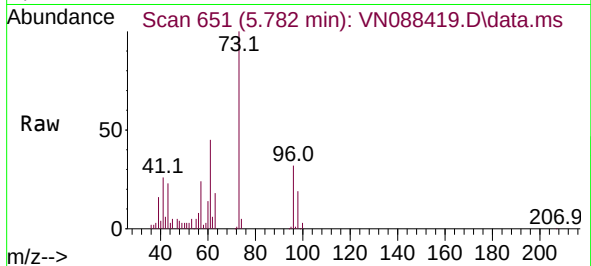
#19
Methyl tert-butyl Ether
Concen: 20.752 ug/l
RT: 5.782 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion: 73 Resp: 194085
Ion Ratio Lower Upper
73 100
57 23.7 18.6 28.0

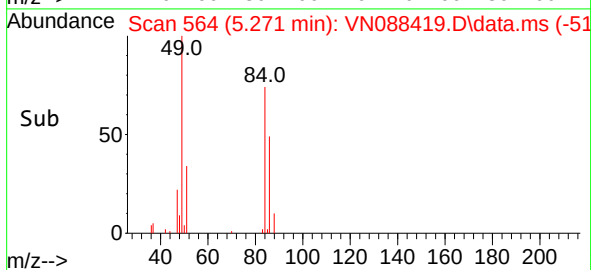
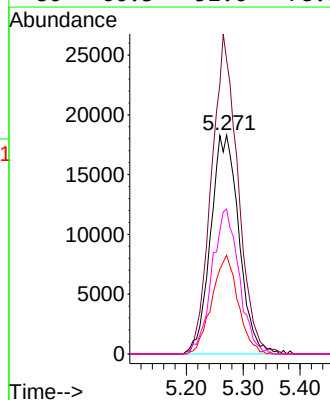
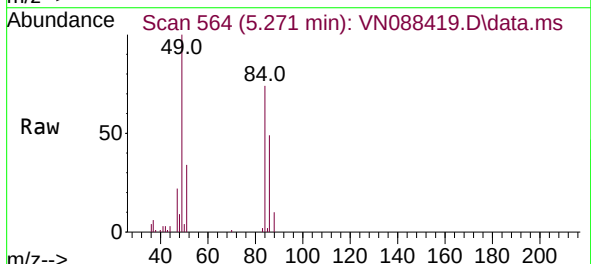
Manual Integrations
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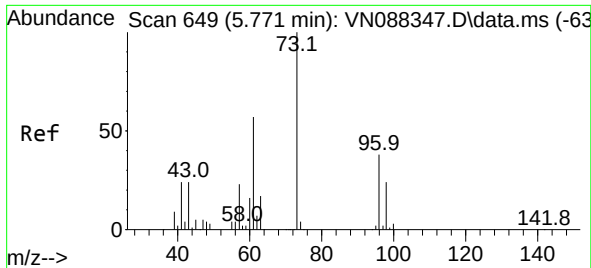
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 21.218 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion: 84 Resp: 63283
Ion Ratio Lower Upper
84 100
49 134.4 110.2 165.2
51 45.1 34.1 51.1
86 66.3 52.6 78.8





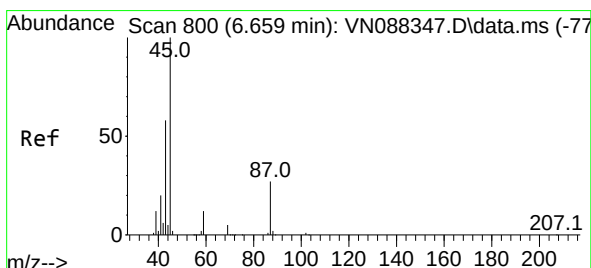
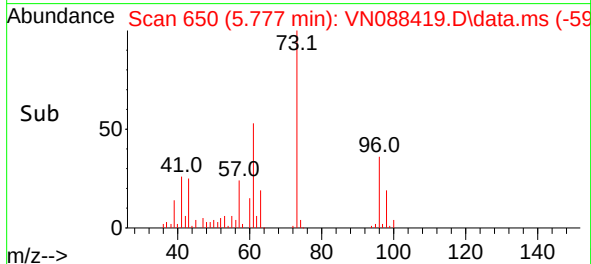
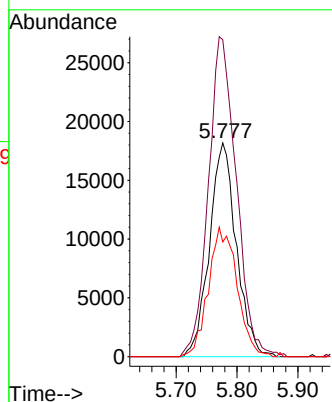
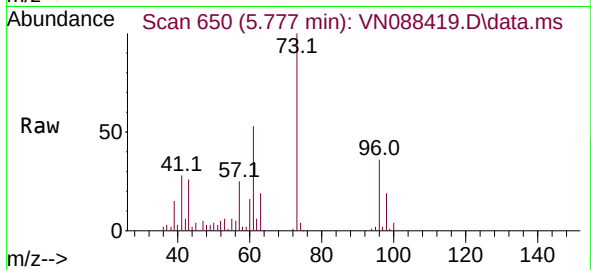
#21
trans-1,2-Dichloroethene
Concen: 20.189 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion: 96 Resp: 55829
Ion Ratio Lower Upper
96 100
61 148.3 122.4 183.6
98 53.7 50.9 76.3

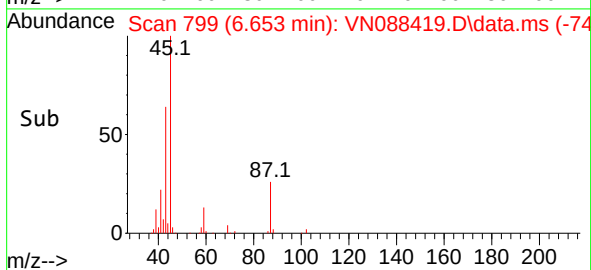
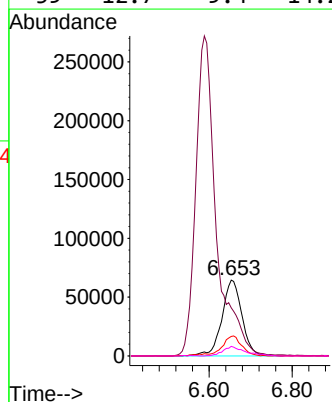
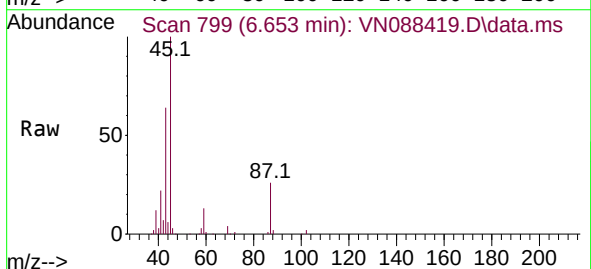
Manual Integrations
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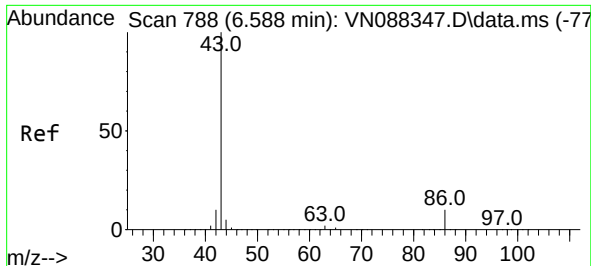
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 21.725 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion: 45 Resp: 214599
Ion Ratio Lower Upper
45 100
43 62.1 47.4 71.2
87 25.7 21.9 32.9
59 12.7 9.4 14.2





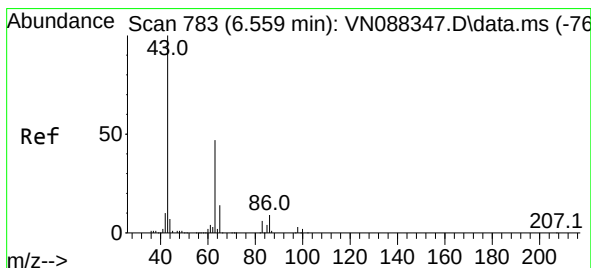
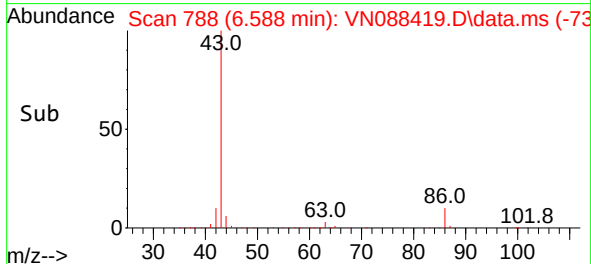
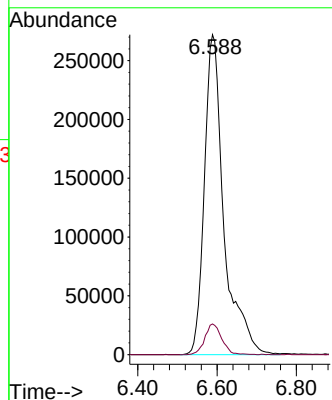
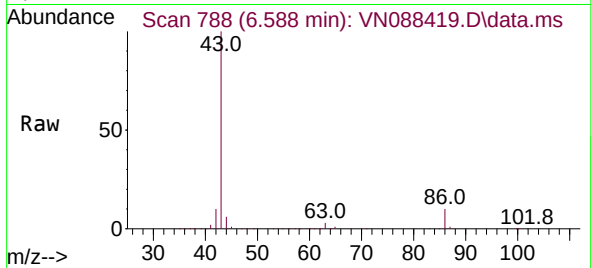
#23
 Vinyl Acetate
 Concen: 116.902 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088419.D
 Acq: 03 Dec 2025 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tgt Ion: 43 Resp: 930390
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

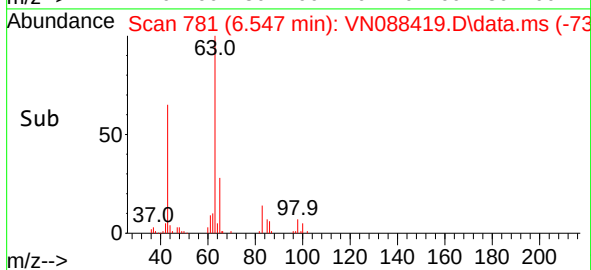
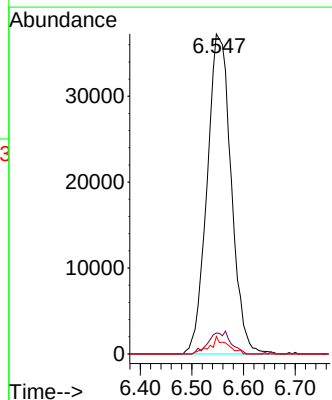
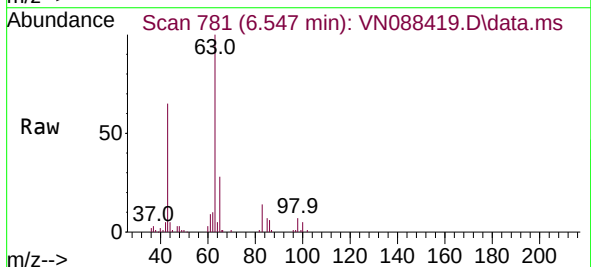
Manual Integrations
 APPROVED

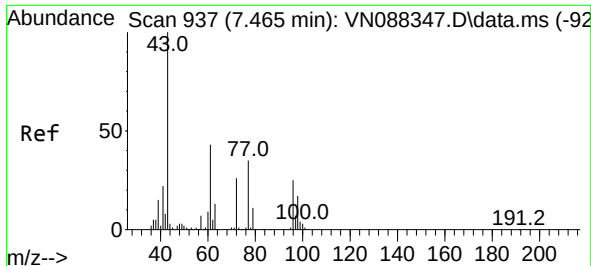
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#24
 1,1-Dichloroethane
 Concen: 21.616 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088419.D
 Acq: 03 Dec 2025 11:38

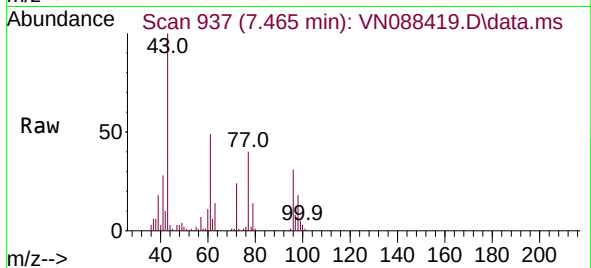
Tgt Ion: 63 Resp: 120920
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 5.4 1.9 5.7





#25
2-Butanone
Concen: 98.785 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

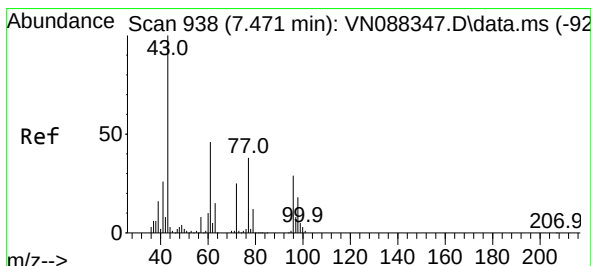
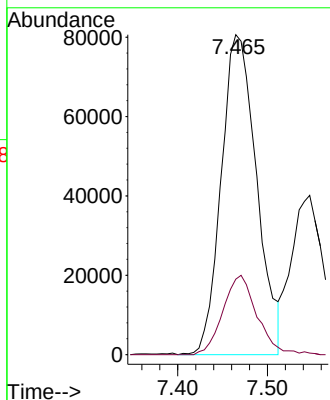
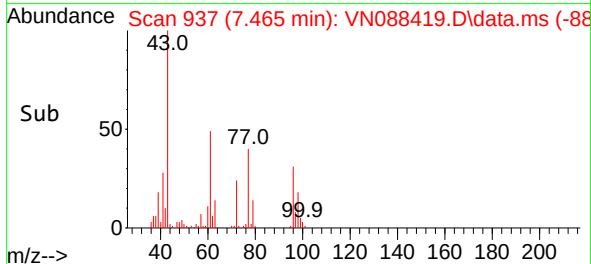
Instrument :
MSVOA_N
Client Sample Id :
VN1203WBS01



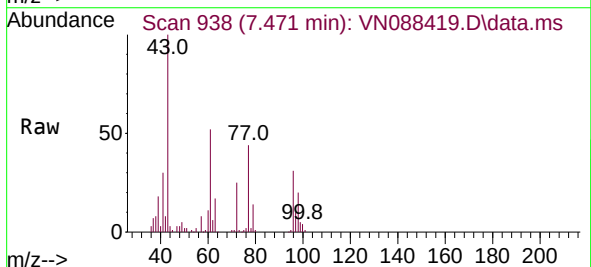
Tgt Ion: 43 Resp: 221378
Ion Ratio Lower Upper
43 100
72 23.6 20.5 30.7

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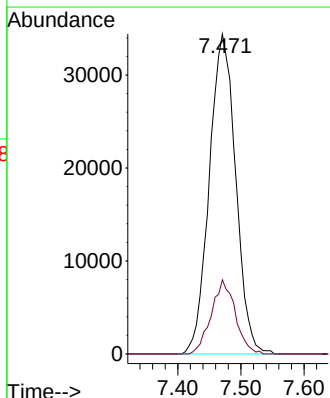
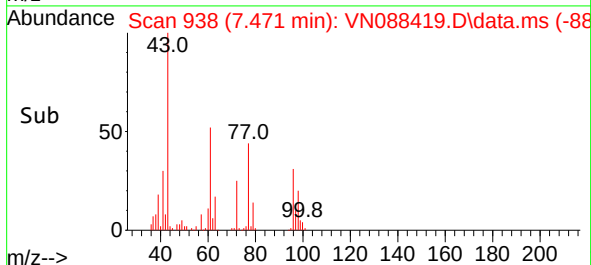
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

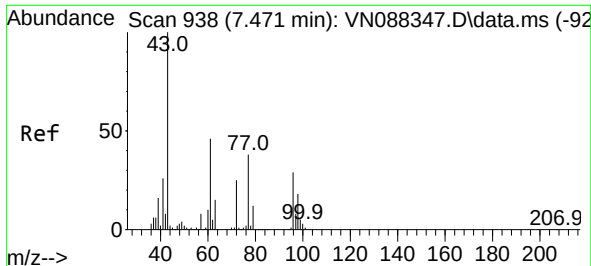


#26
2,2-Dichloropropane
Concen: 20.655 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38



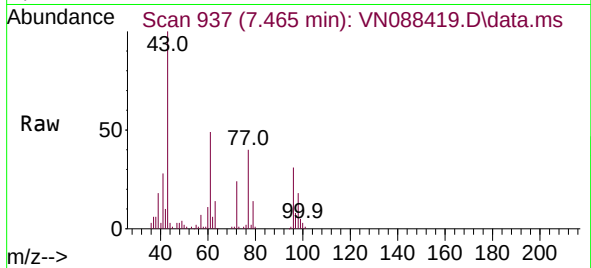
Tgt Ion: 77 Resp: 99733
Ion Ratio Lower Upper
77 100
97 21.0 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 20.728 ug/l
RT: 7.465 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

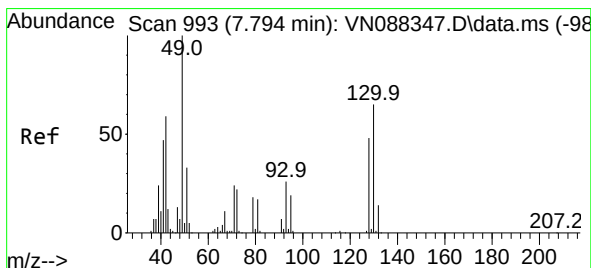
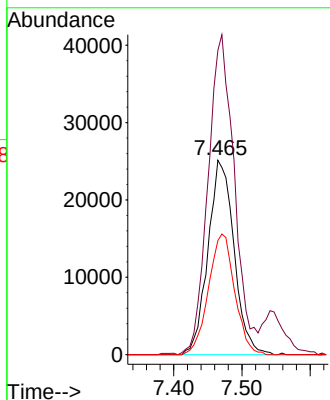
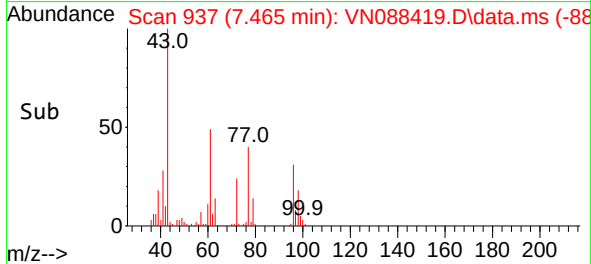
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 96 Resp: 66616
Ion Ratio Lower Upper
96 100
61 166.2 0.0 323.6
98 62.3 0.0 127.2

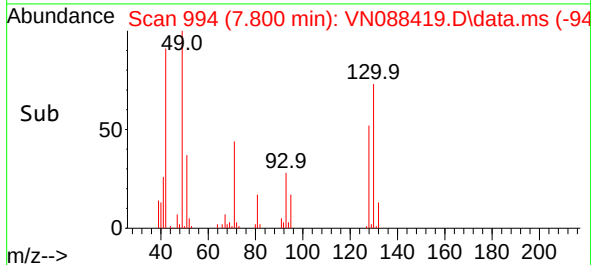
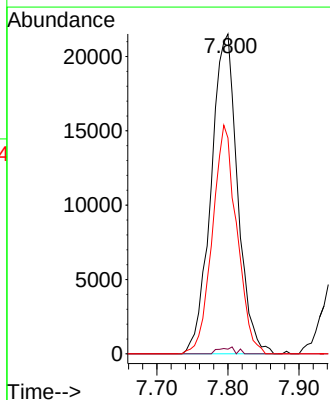
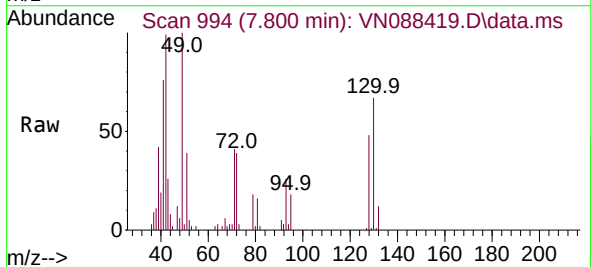
Manual Integrations
APPROVED

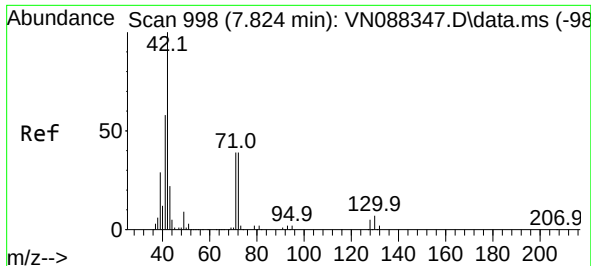
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#28
Bromochloromethane
Concen: 20.052 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion: 49 Resp: 55880
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.6
130 65.9 51.1 76.7





#29

Tetrahydrofuran

Concen: 99.052 ug/l

RT: 7.824 min Scan# 99

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion: 42 Resp: 159218

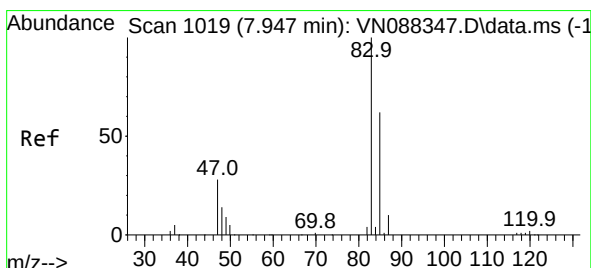
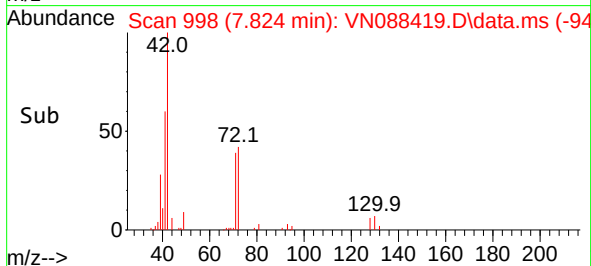
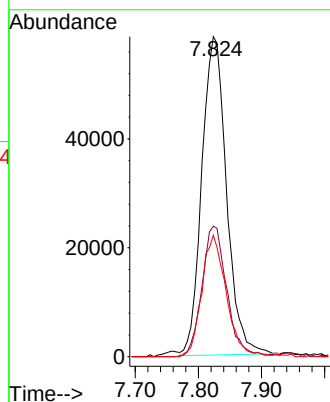
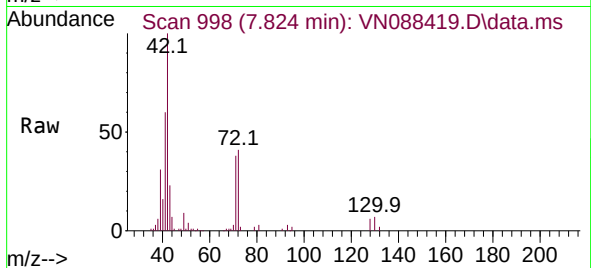
Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.2	48.4
71	37.7	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 21.987 ug/l

RT: 7.947 min Scan# 1019

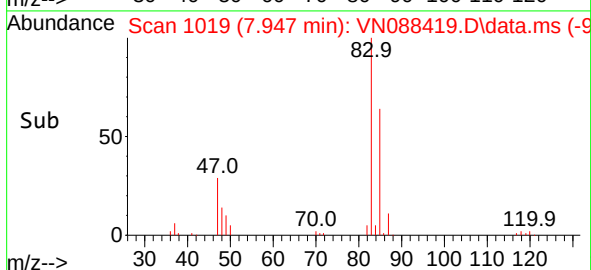
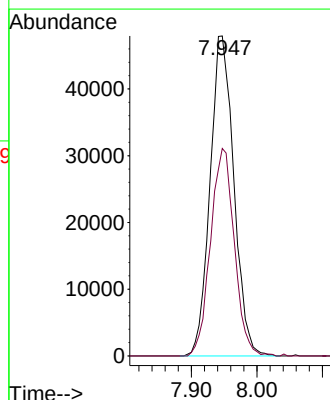
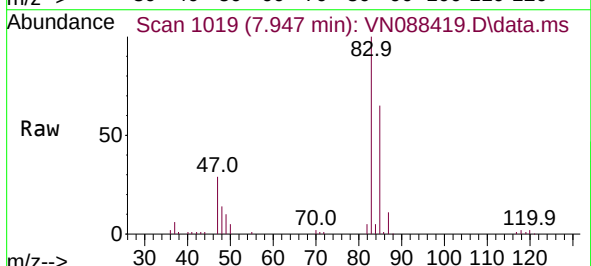
Delta R.T. -0.000 min

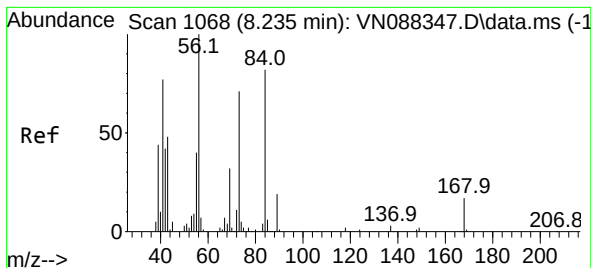
Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Tgt Ion: 83 Resp: 120855

Ion	Ratio	Lower	Upper
83	100		
85	64.8	49.8	74.8





#31

Cyclohexane

Concen: 19.037 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

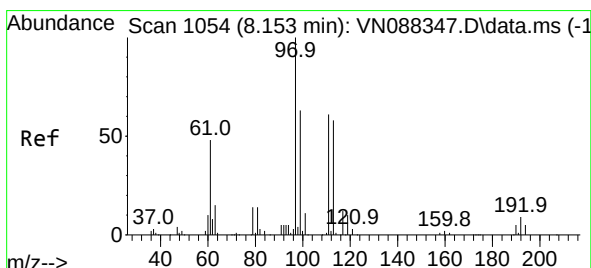
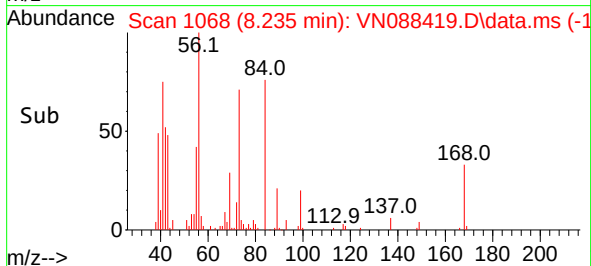
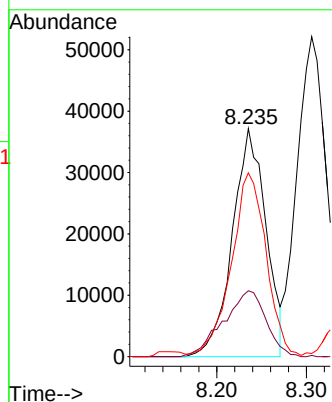
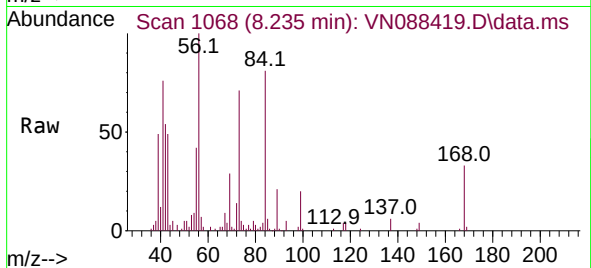
Tgt Ion:	56	Resp:	96506
Ion Ratio	Lower	Upper	
56	100		
69	28.8	25.3	37.9
84	78.6	65.4	98.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#32

1,1,1-Trichloroethane

Concen: 20.671 ug/l

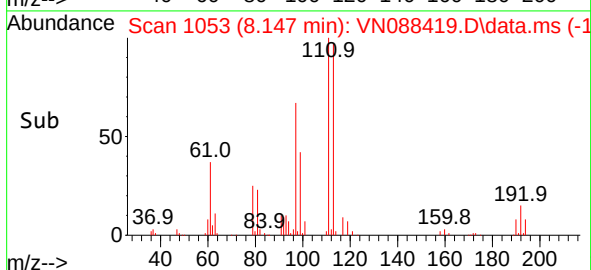
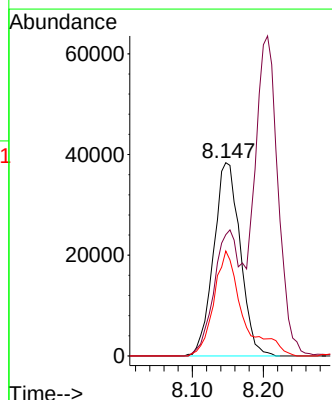
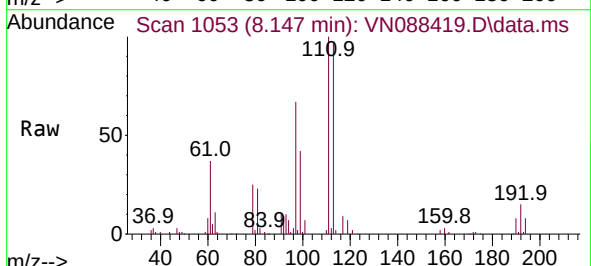
RT: 8.147 min Scan# 1053

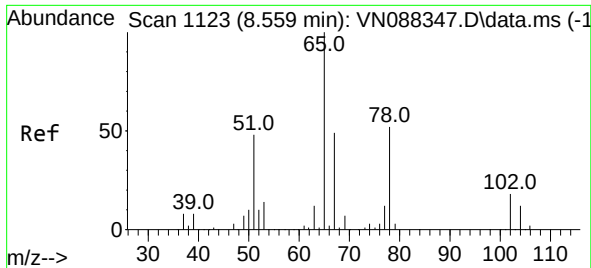
Delta R.T. -0.006 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Tgt Ion:	97	Resp:	99906
Ion Ratio	Lower	Upper	
97	100		
99	56.8	50.8	76.2
61	58.8	42.2	63.2





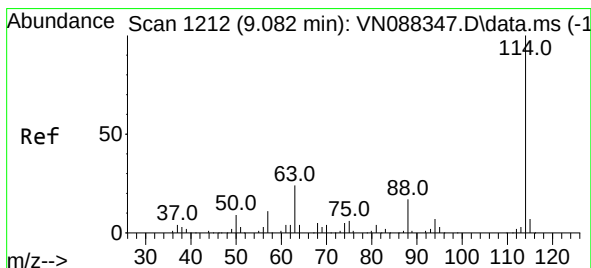
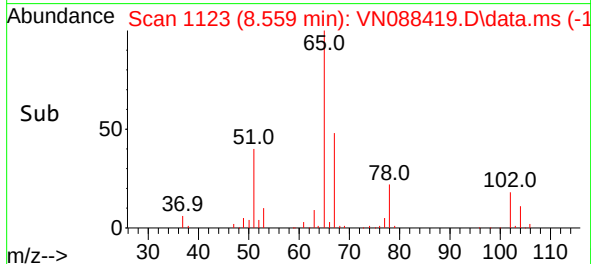
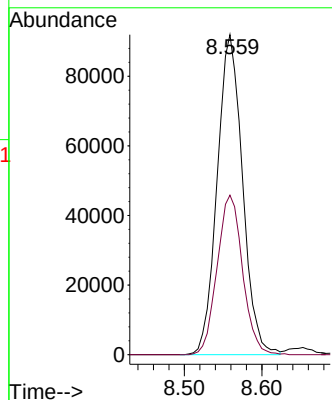
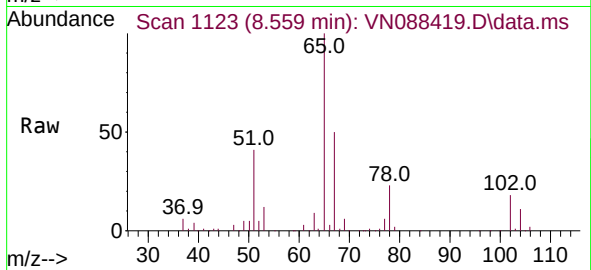
#33
 1,2-Dichloroethane-d4
 Concen: 54.267 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: VN088419.D
 Acq: 03 Dec 2025 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tgt Ion: 65 Resp: 209173
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.8

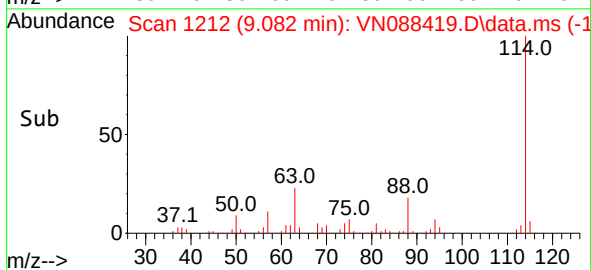
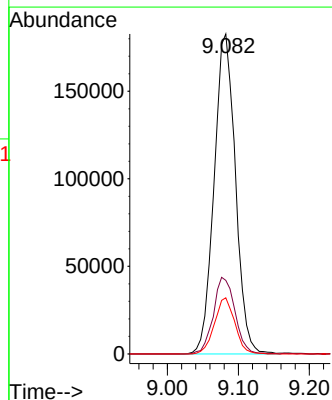
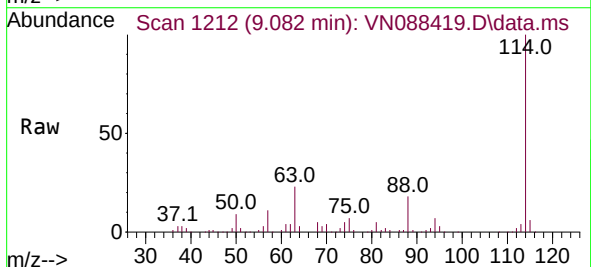
Manual Integrations
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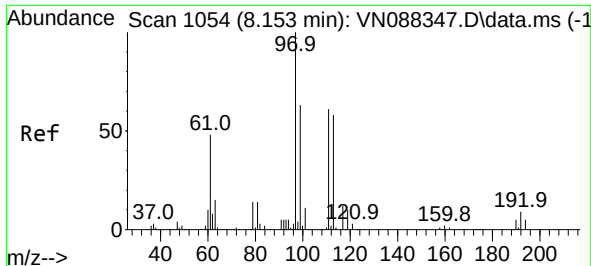
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088419.D
 Acq: 03 Dec 2025 11:38

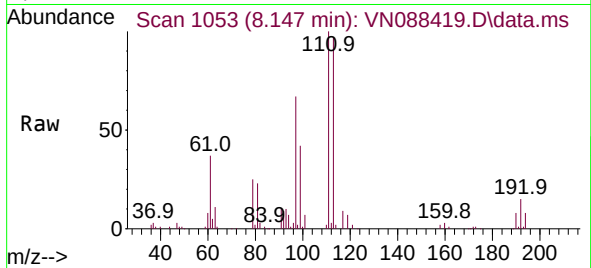
Tgt Ion:114 Resp: 382235
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 49.0
 88 17.5 0.0 34.0





#35
Dibromofluoromethane
Concen: 51.263 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

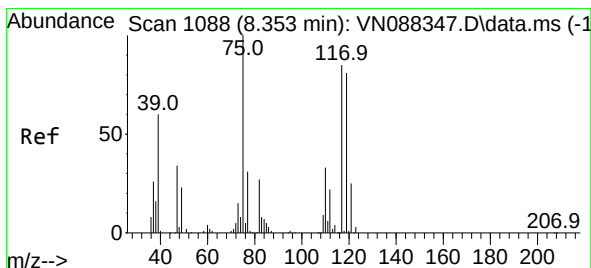
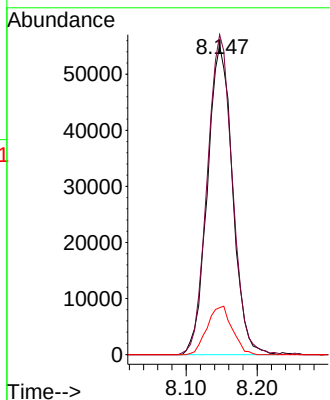
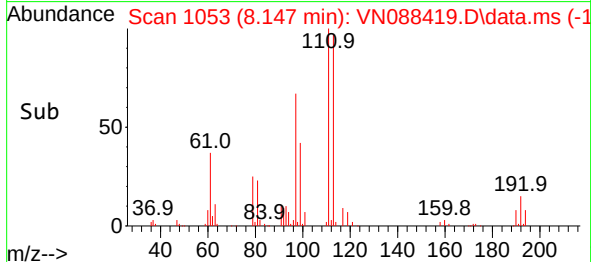
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 113 Resp: 135788
Ion Ratio Lower Upper
113 100
111 103.5 82.5 123.7
192 15.5 12.8 19.2

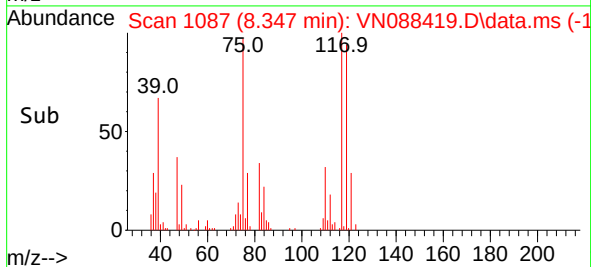
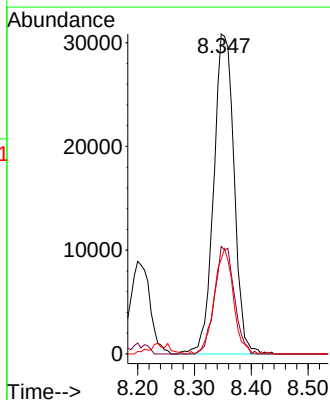
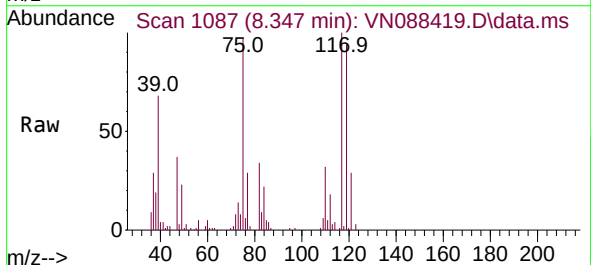
Manual Integrations
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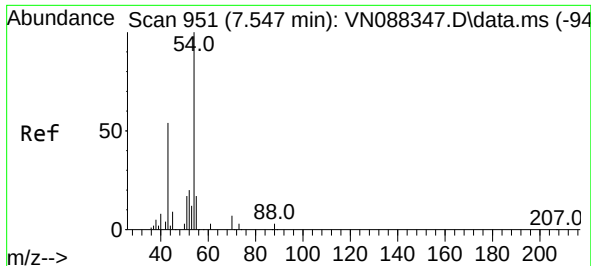
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#36
1,1-Dichloropropene
Concen: 18.825 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion: 75 Resp: 76957
Ion Ratio Lower Upper
75 100
110 32.6 15.8 47.4
77 30.7 24.2 36.2





#37

Ethyl Acetate

Concen: 19.953 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN088419.D

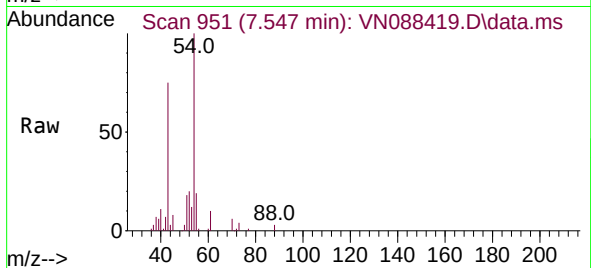
Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01



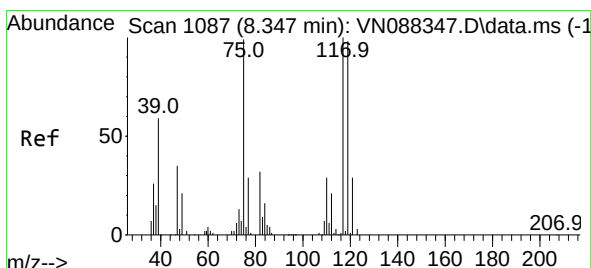
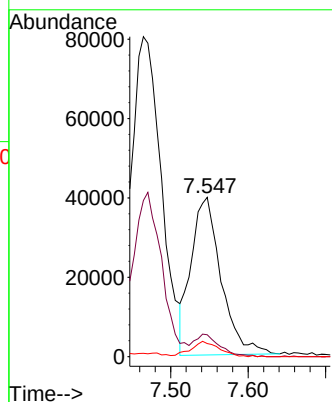
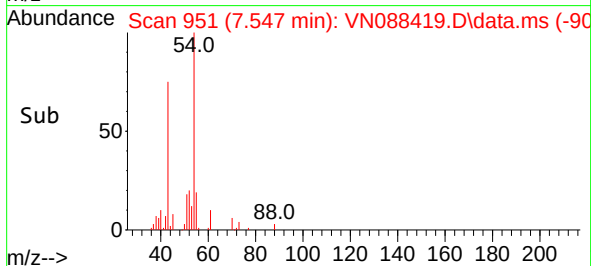
Tgt Ion:	43	Resp:	107252
Ion Ratio	Lower	Upper	
43	100		
61	11.7	9.5	14.3
70	8.9	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#38

Carbon Tetrachloride

Concen: 20.765 ug/l

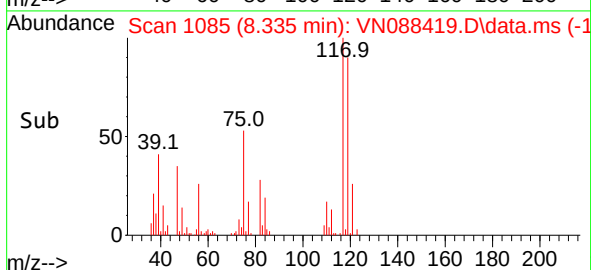
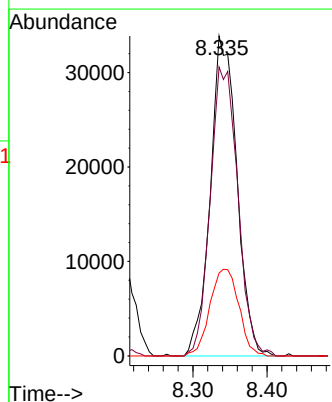
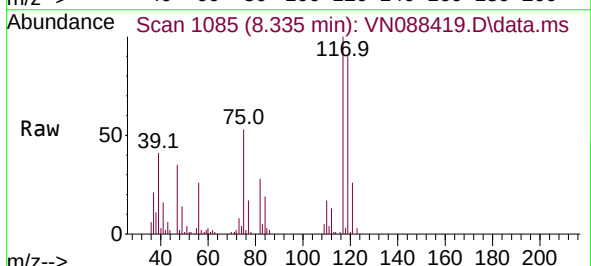
RT: 8.335 min Scan# 1085

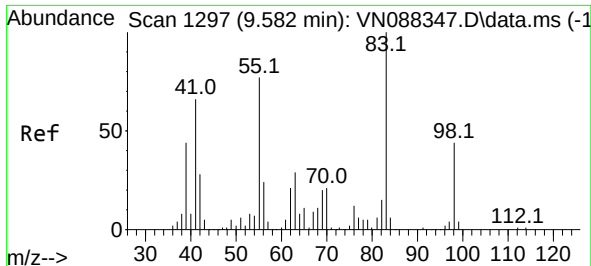
Delta R.T. -0.012 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Tgt Ion:	117	Resp:	84507
Ion Ratio	Lower	Upper	
117	100		
119	90.3	78.2	117.4
121	25.9	23.4	35.2





#39

Methylcyclohexane

Concen: 17.154 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

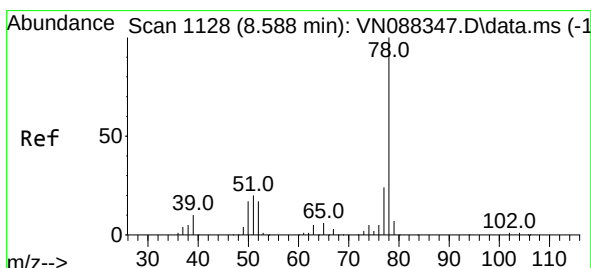
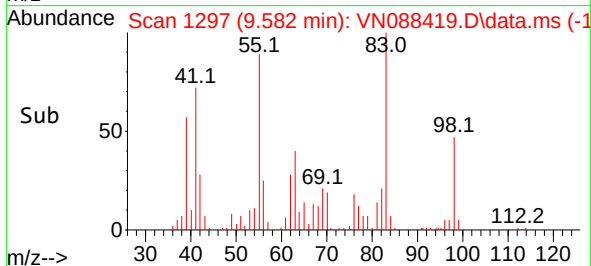
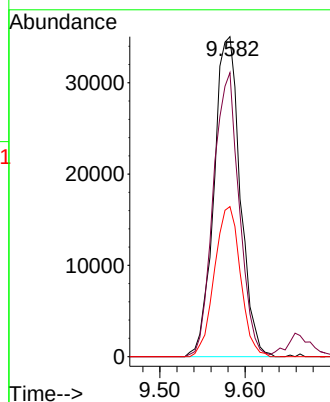
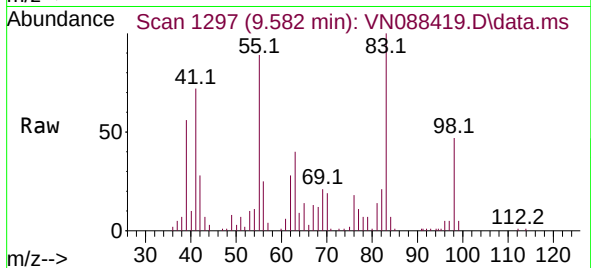
Tgt Ion: 83	Resp: 7501
Ion Ratio	Lower Upper
83 100	
55 88.7	61.6 92.4
98 46.9	35.3 52.9

Manual Integrations

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Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#40

Benzene

Concen: 20.274 ug/l

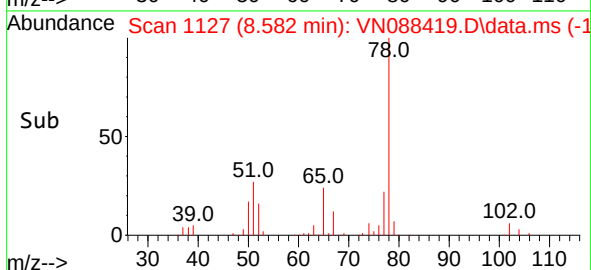
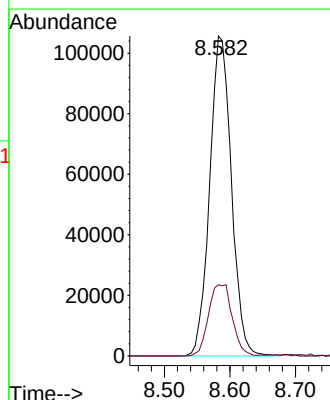
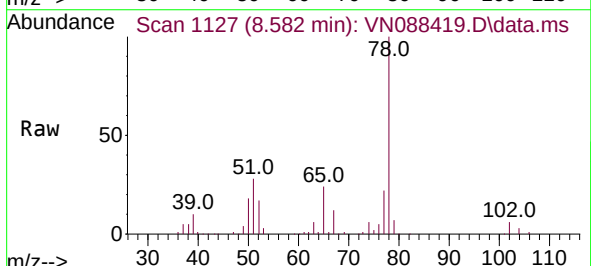
RT: 8.582 min Scan# 1127

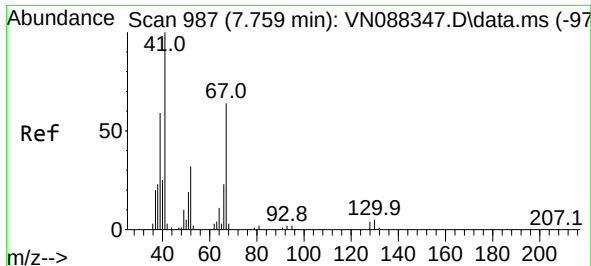
Delta R.T. -0.006 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

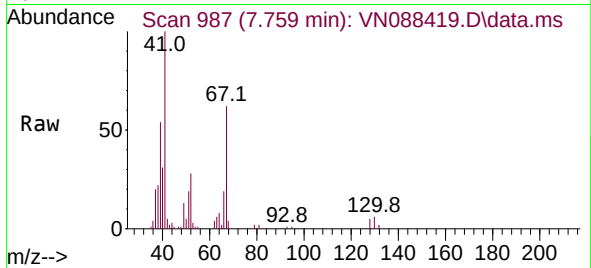
Tgt Ion: 78	Resp: 243262
Ion Ratio	Lower Upper
78 100	
77 22.2	19.0 28.4





#41
Methacrylonitrile
Concen: 20.157 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

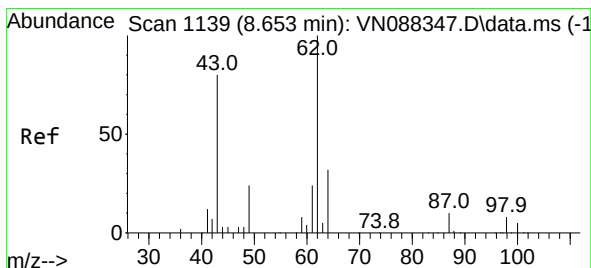
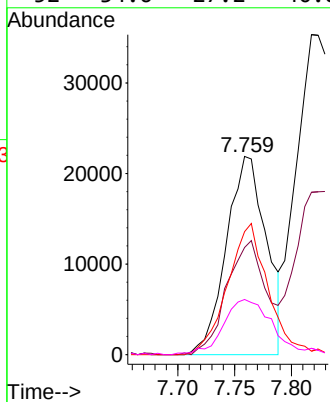
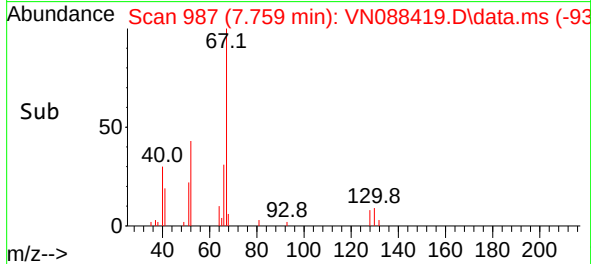
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion:	41	Resp:	5366
Ion Ratio	100	Lower	Upper
39	57.0	46.3	69.5
67	67.5	54.7	82.1
52	34.6	27.2	40.8

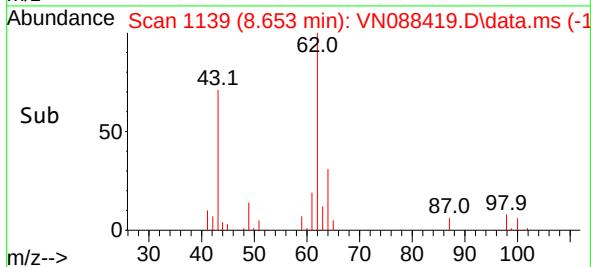
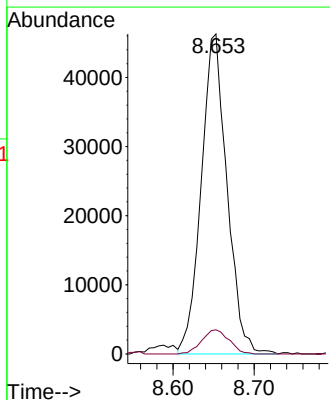
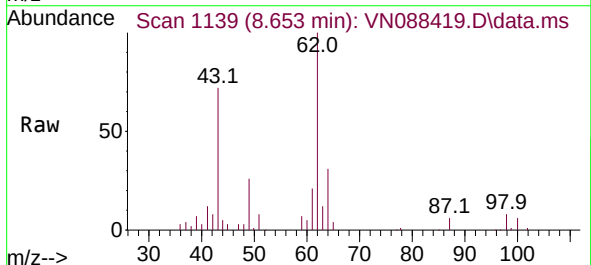
Manual Integrations
APPROVED

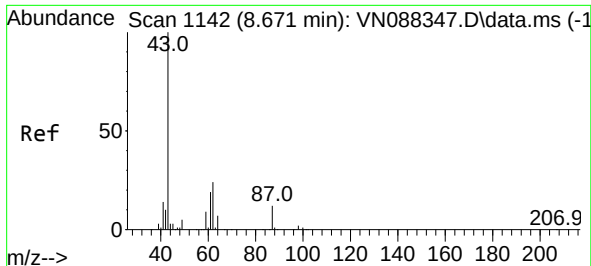
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 22.307 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

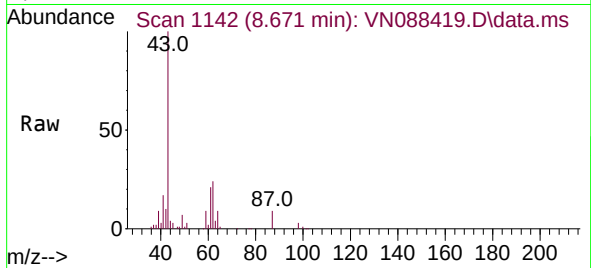
Tgt Ion:	62	Resp:	102116
Ion Ratio	100	Lower	Upper
98	7.9	0.0	16.2





#43
Isopropyl Acetate
Concen: 19.429 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

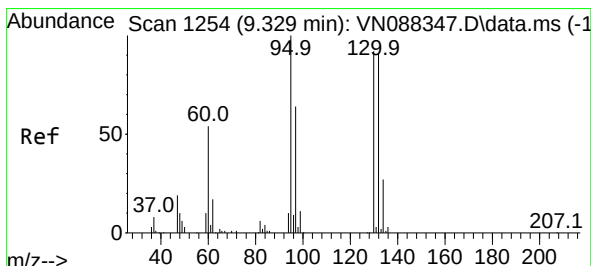
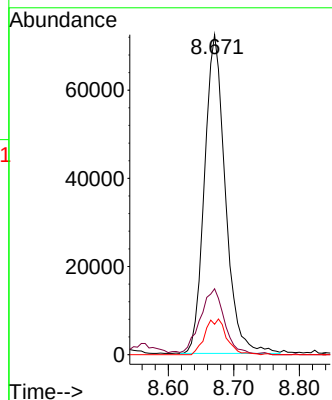
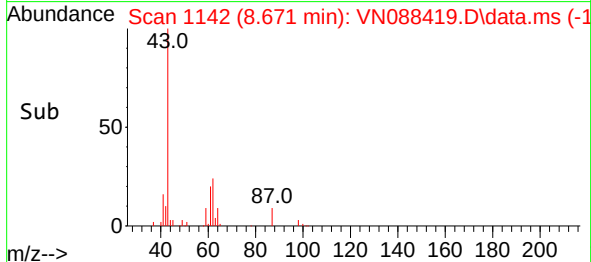
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 43 Resp: 159568
Ion Ratio Lower Upper
43 100
61 23.3 18.7 28.1
87 11.5 9.1 13.7

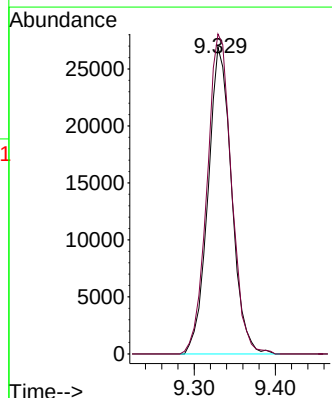
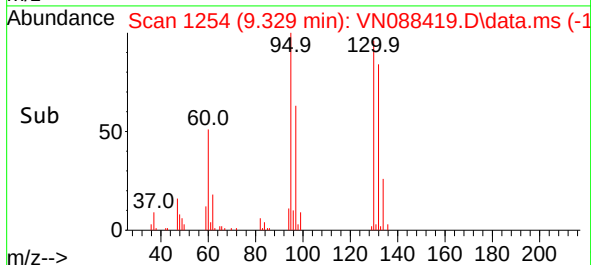
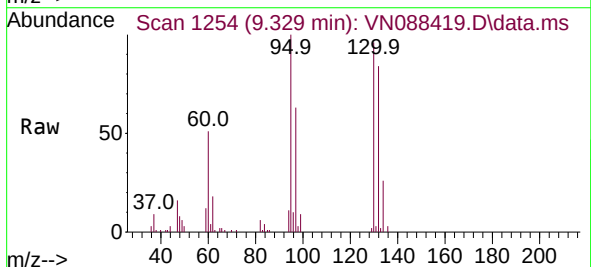
Manual Integrations
APPROVED

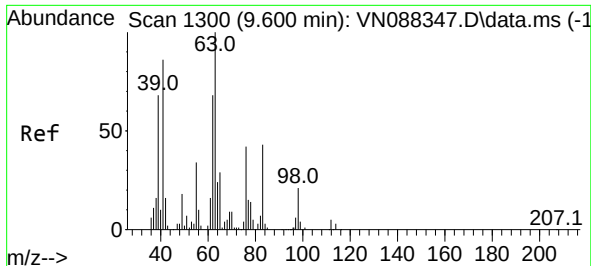
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 19.151 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion:130 Resp: 54294
Ion Ratio Lower Upper
130 100
95 104.3 0.0 217.0





#45

1,2-Dichloropropane

Concen: 20.960 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion: 63 Resp: 64434

Ion Ratio Lower Upper

63 100

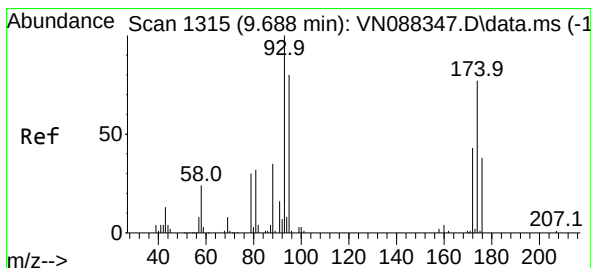
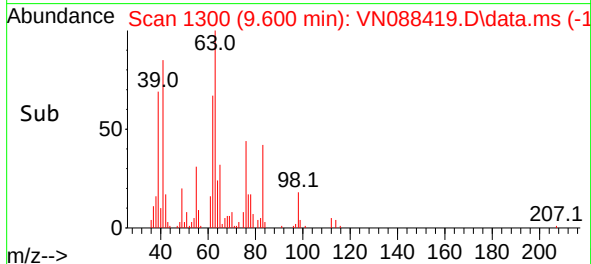
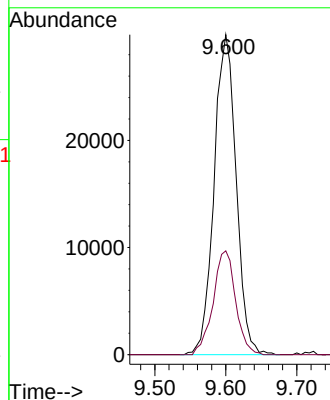
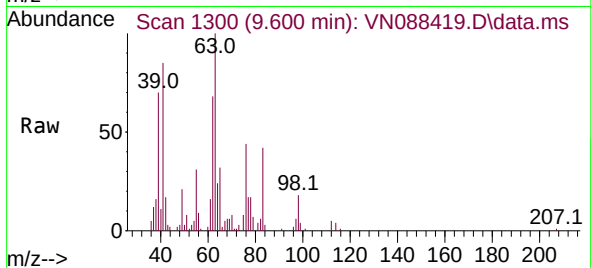
65 32.4 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 21.030 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

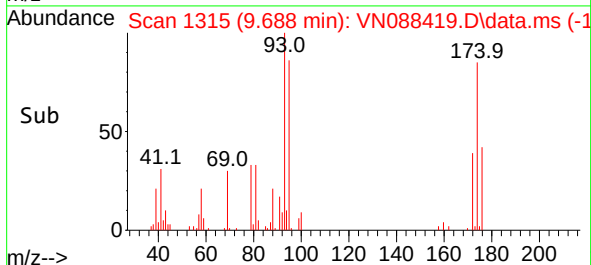
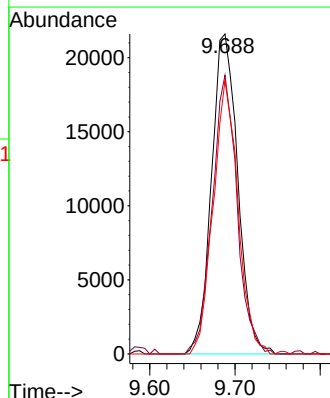
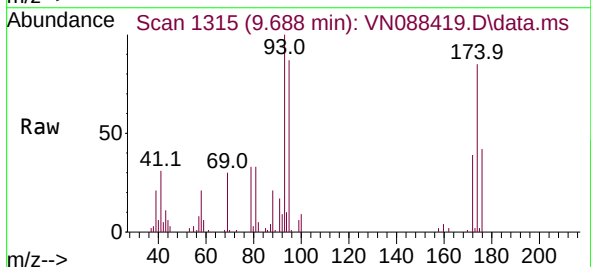
Tgt Ion: 93 Resp: 46137

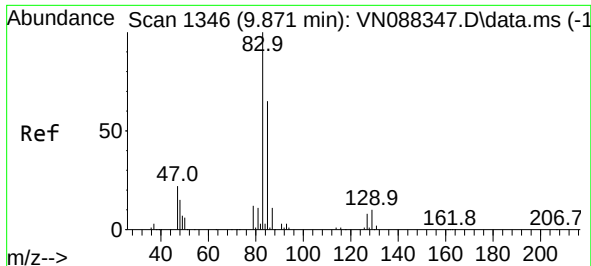
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 80.9 64.3 96.5





#47

Bromodichloromethane

Concen: 21.818 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

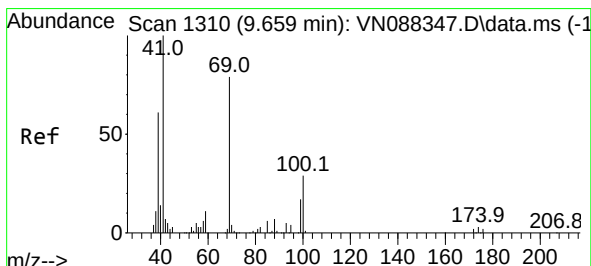
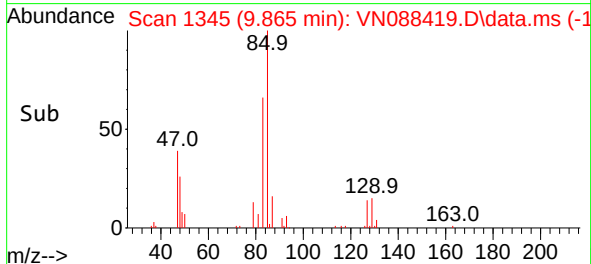
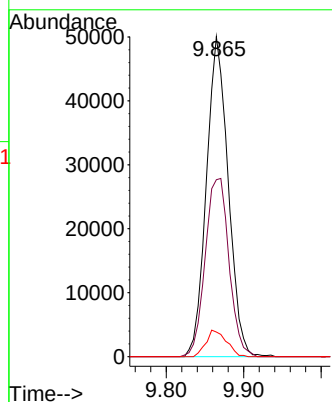
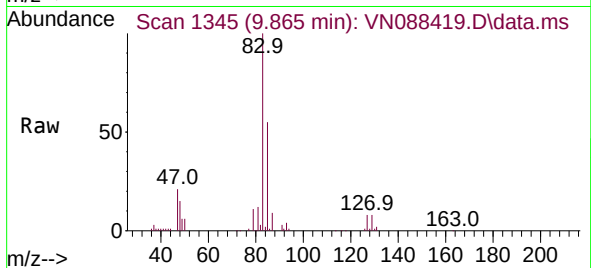
Tgt Ion: 83	Resp: 97662
Ion Ratio	Lower Upper
83 100	
85 55.3	51.9 77.9
127 7.7	6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#48

Methyl methacrylate

Concen: 20.348 ug/l

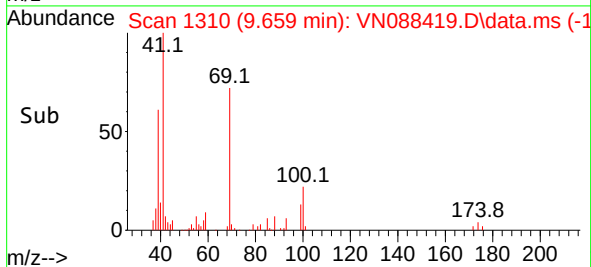
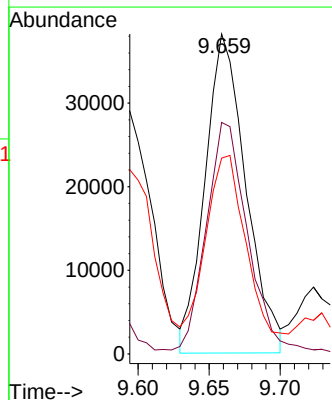
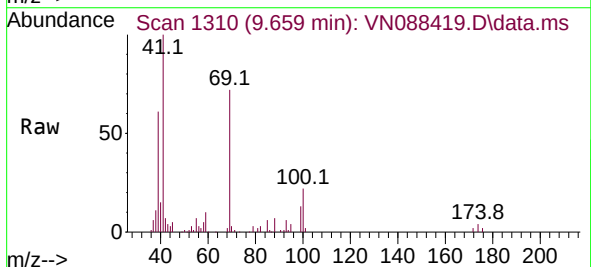
RT: 9.659 min Scan# 1310

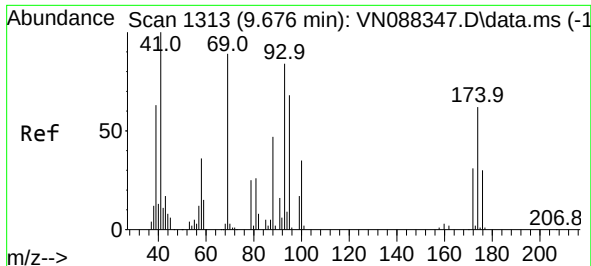
Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Tgt Ion: 41	Resp: 76248
Ion Ratio	Lower Upper
41 100	
69 75.5	62.4 93.6
39 65.2	52.6 79.0





#49

1,4-Dioxane

Concen: 316.210 ug/l

RT: 9.682 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion: 88 Resp: 15069

Ion Ratio Lower Upper

88 100

43 34.6 0.0 0.0

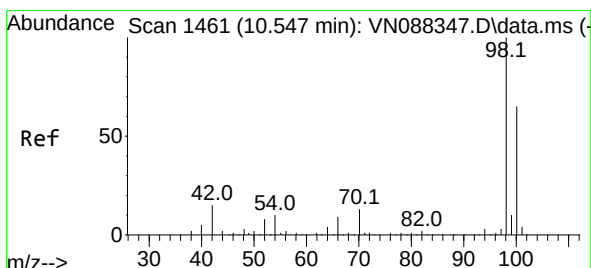
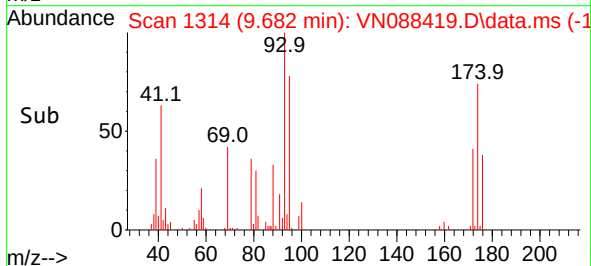
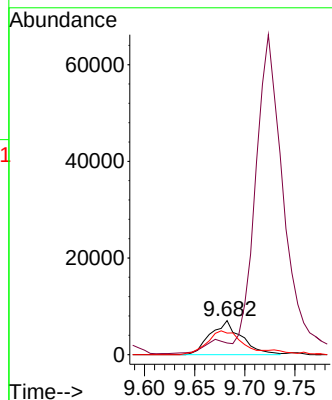
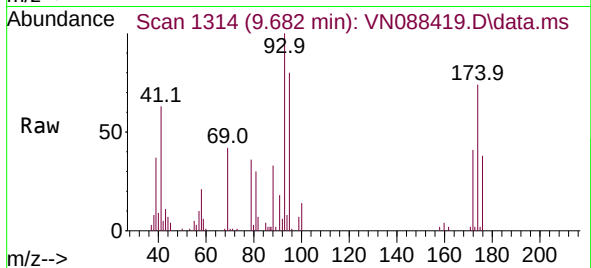
58 77.3 62.0 93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 49.539 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088419.D

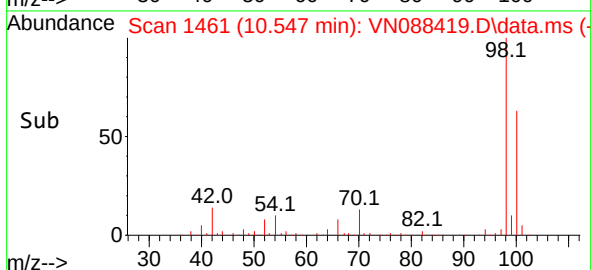
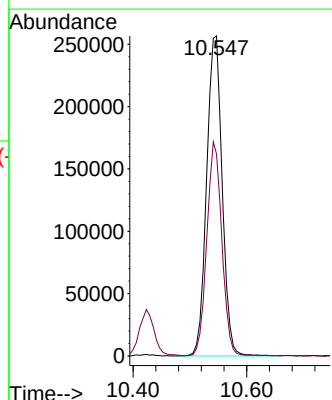
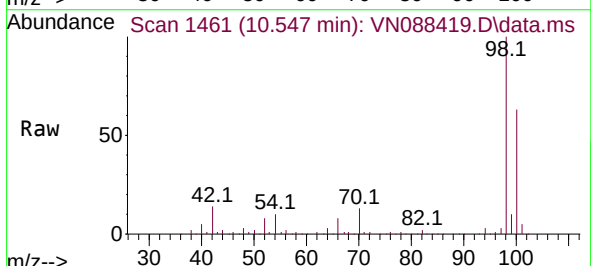
Acq: 03 Dec 2025 11:38

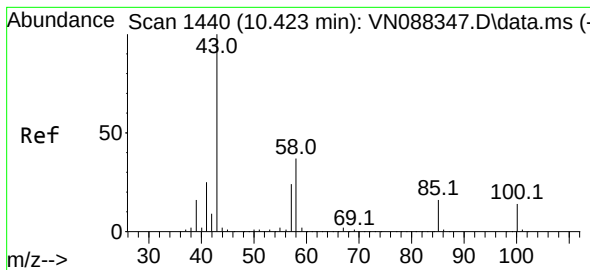
Tgt Ion: 98 Resp: 488254

Ion Ratio Lower Upper

98 100

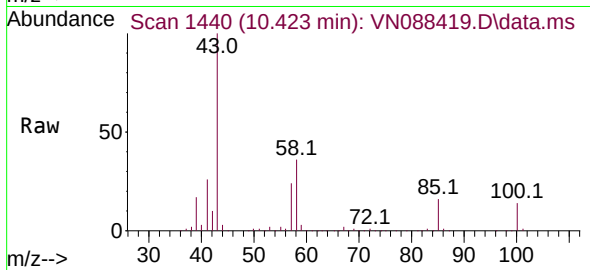
100 64.5 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 106.034 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

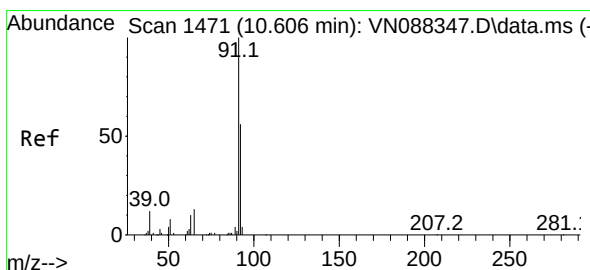
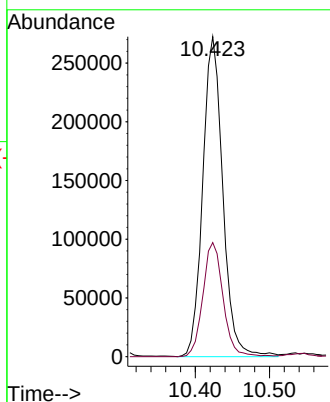
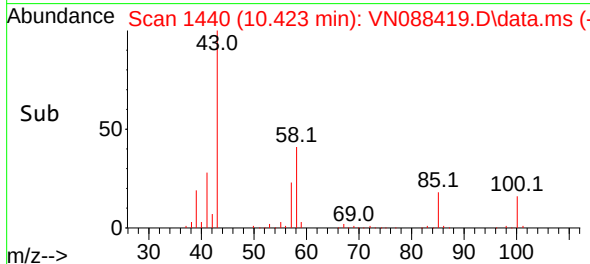
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 43 Resp: 513300
Ion Ratio Lower Upper
43 100
58 35.8 29.1 43.7

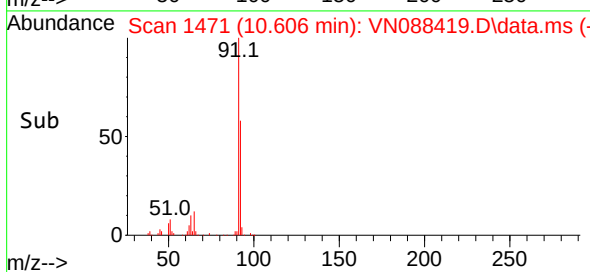
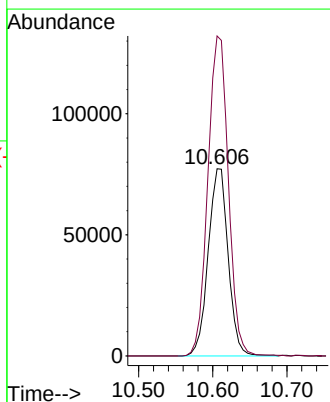
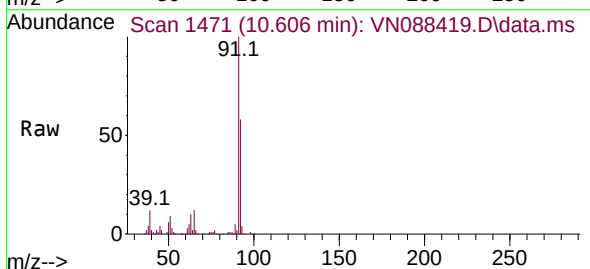
Manual Integrations
APPROVED

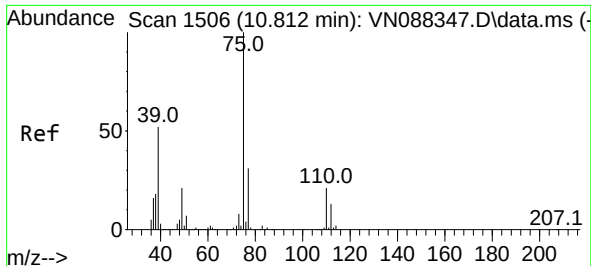
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 20.863 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

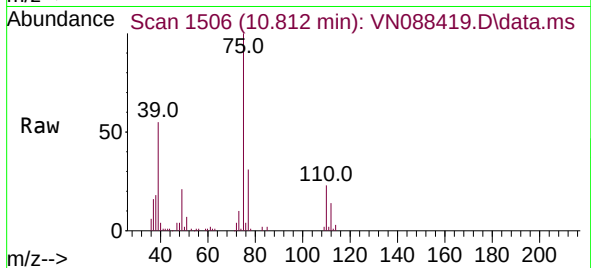
Tgt Ion: 92 Resp: 144540
Ion Ratio Lower Upper
92 100
91 175.6 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 20.253 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

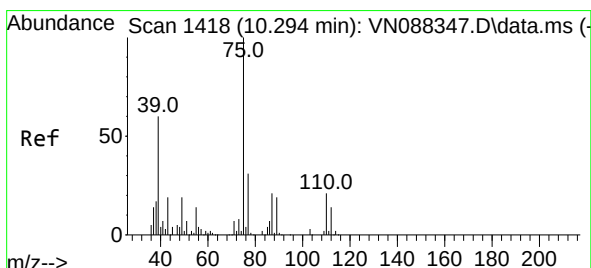
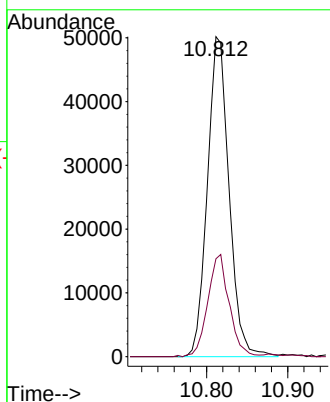
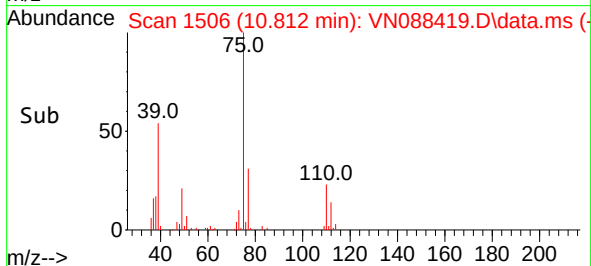
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



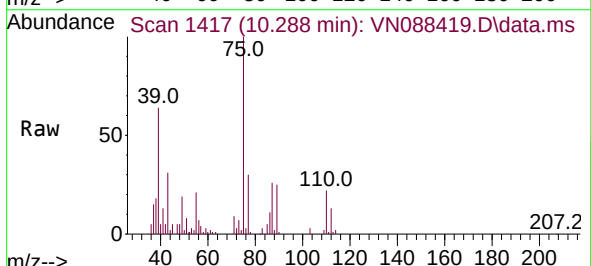
Tgt Ion: 75 Resp: 93059
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2

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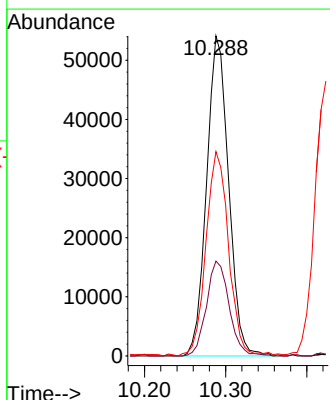
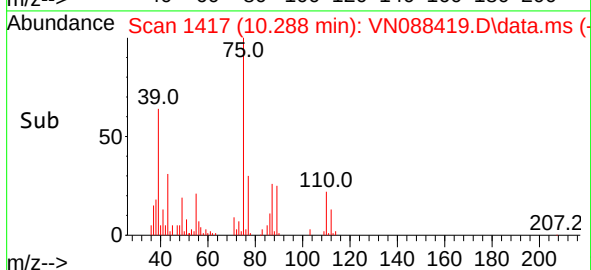
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

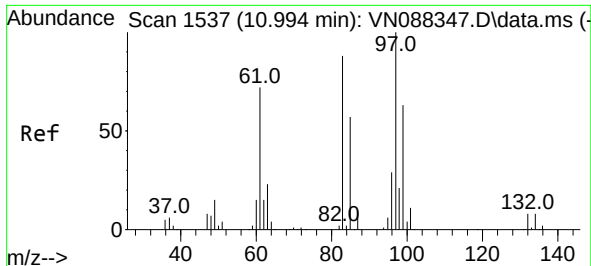


#54
cis-1,3-Dichloropropene
Concen: 21.091 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38



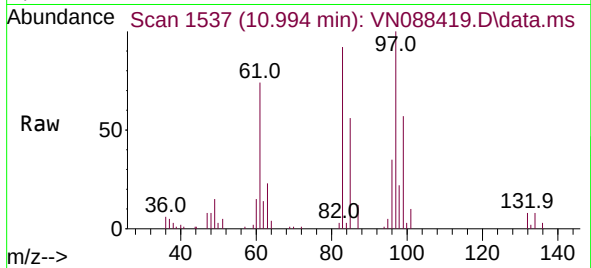
Tgt Ion: 75 Resp: 101913
Ion Ratio Lower Upper
75 100
77 29.6 24.5 36.7
39 63.8 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 21.097 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

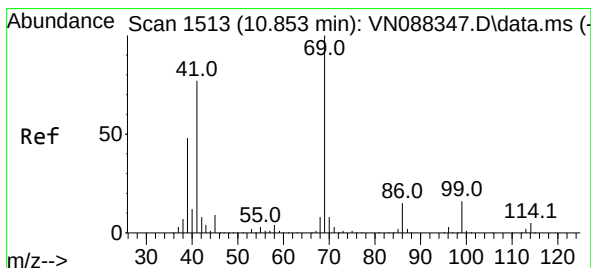
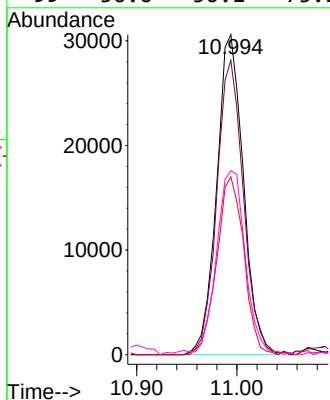
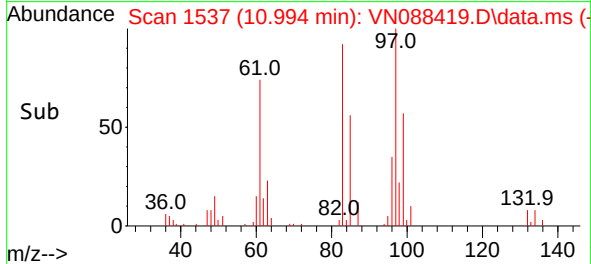
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 97 Resp: 5655
Ion Ratio Lower Upper
97 100
83 91.9 70.4 105.6
85 55.6 45.4 68.2
99 56.6 50.1 75.1

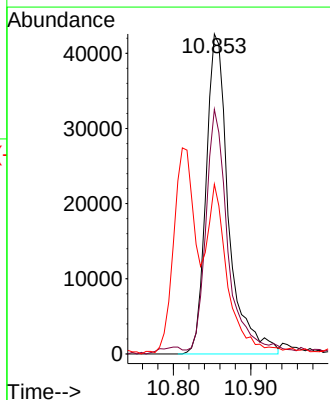
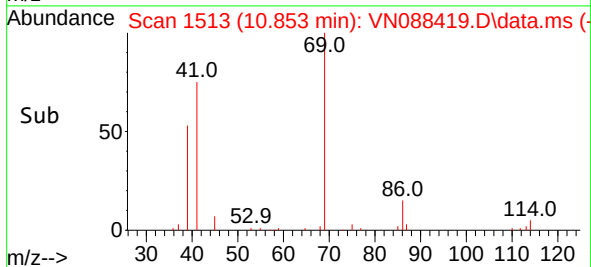
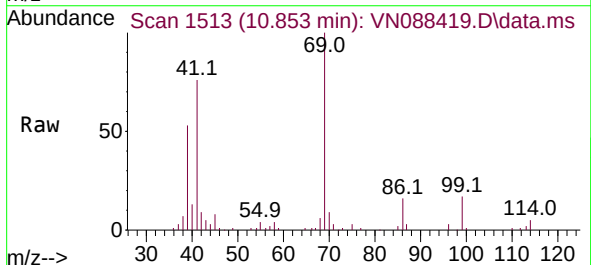
Manual Integrations
APPROVED

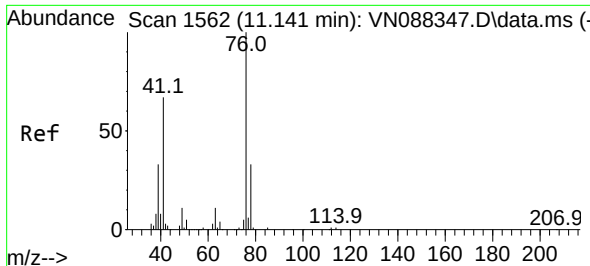
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#56
Ethyl methacrylate
Concen: 20.366 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

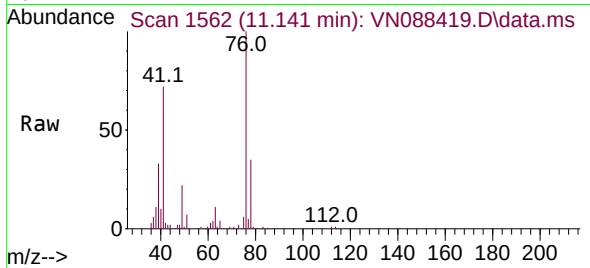
Tgt Ion: 69 Resp: 86232
Ion Ratio Lower Upper
69 100
41 73.9 59.6 89.4
39 47.0 36.4 54.6





#57
1,3-Dichloropropane
Concen: 21.171 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

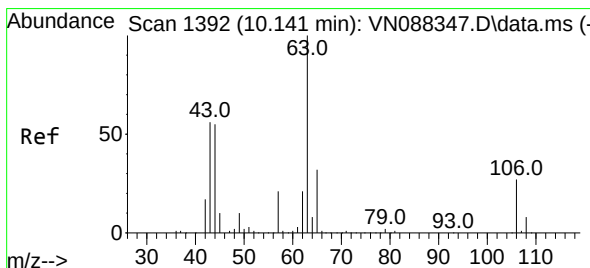
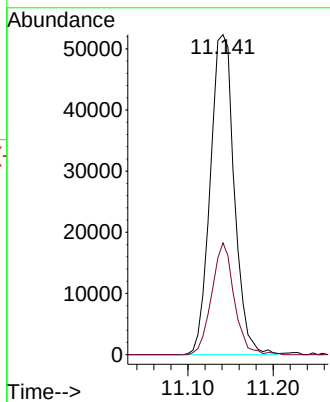
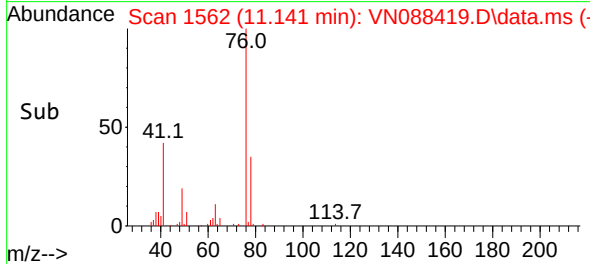
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 76 Resp: 102375
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4

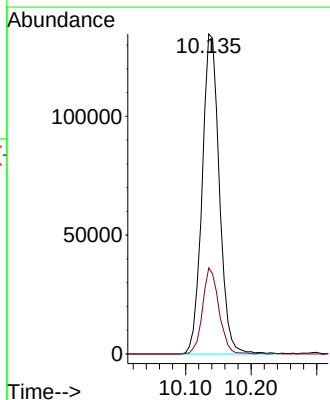
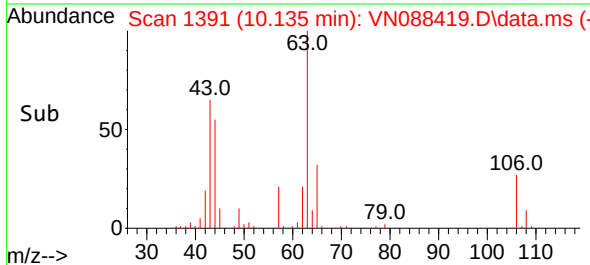
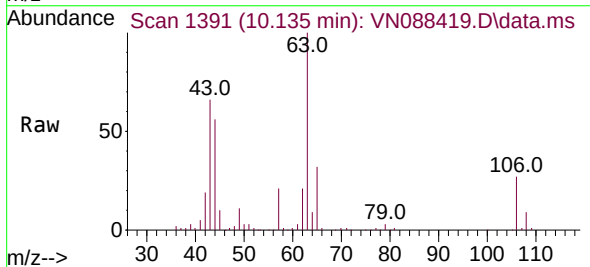
Manual Integrations
APPROVED

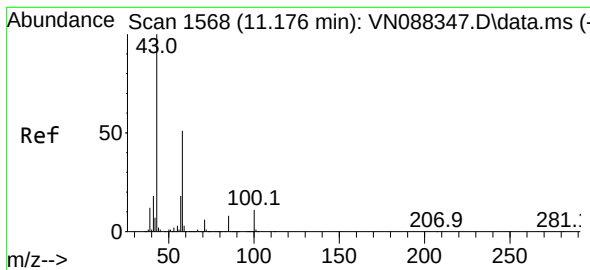
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 100.257 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

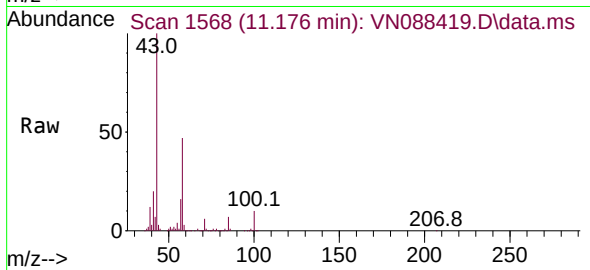
Tgt Ion: 63 Resp: 244731
Ion Ratio Lower Upper
63 100
106 25.4 20.5 30.7





#59
2-Hexanone
Concen: 98.319 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

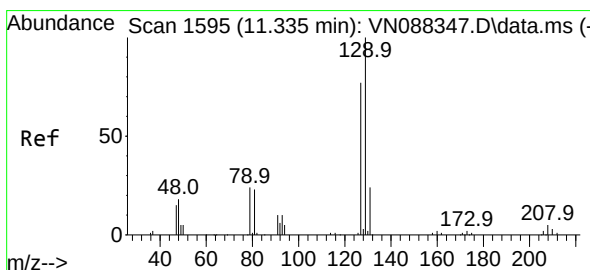
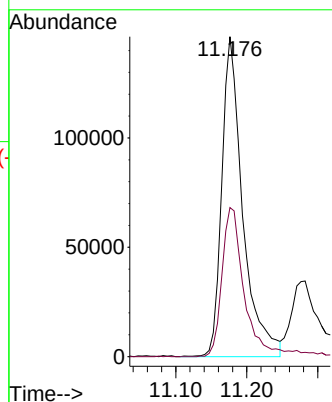
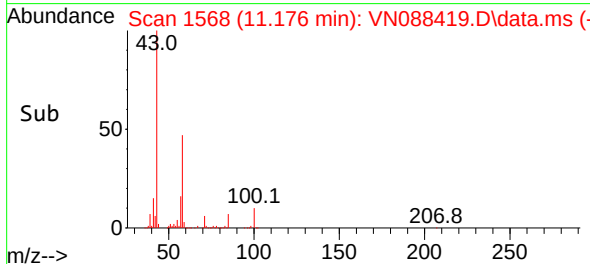
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 43 Resp: 299829
Ion Ratio Lower Upper
43 100
58 50.8 25.3 75.9

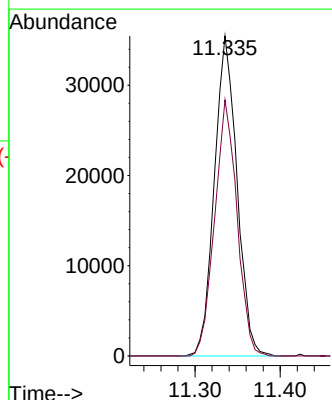
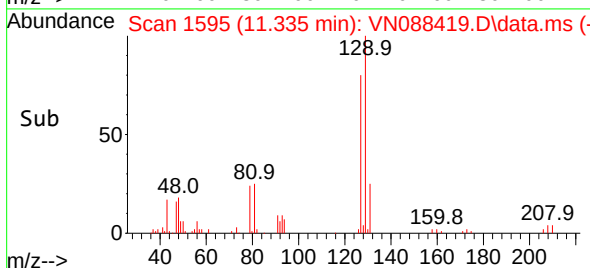
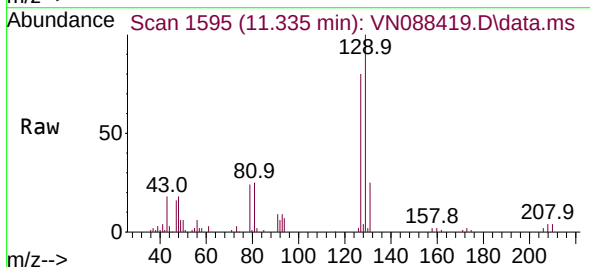
Manual Integrations
APPROVED

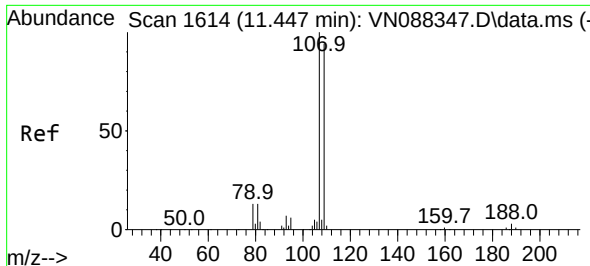
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 21.415 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

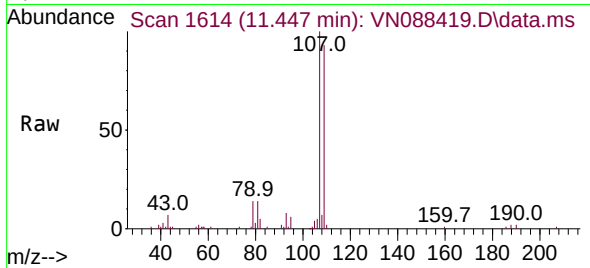
Tgt Ion:129 Resp: 65438
Ion Ratio Lower Upper
129 100
127 78.9 38.2 114.6





#61
1,2-Dibromoethane
Concen: 21.619 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

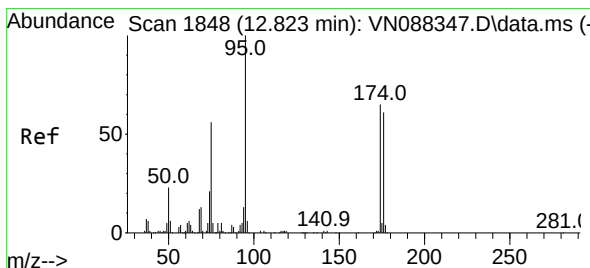
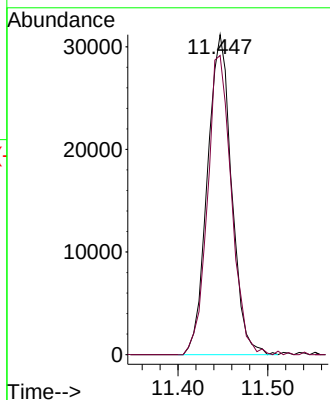
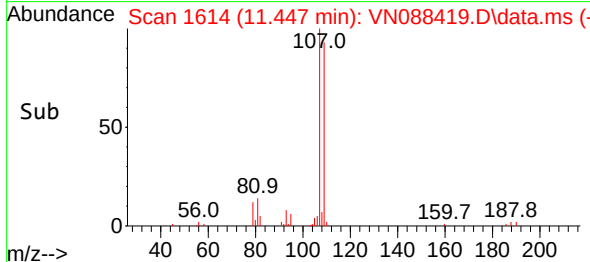
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion:107 Resp: 58683
Ion Ratio Lower Upper
107 100
109 92.7 74.6 112.0

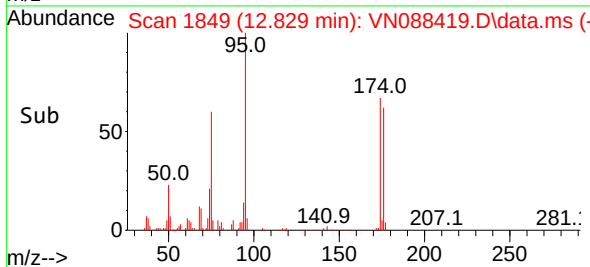
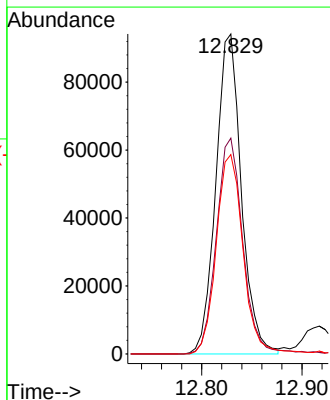
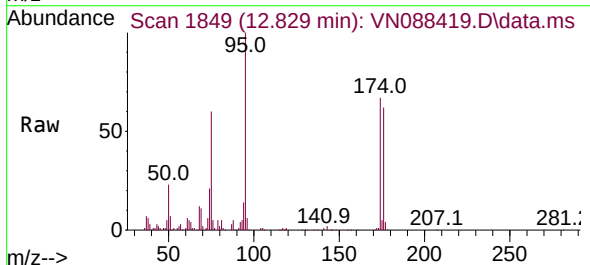
Manual Integrations
APPROVED

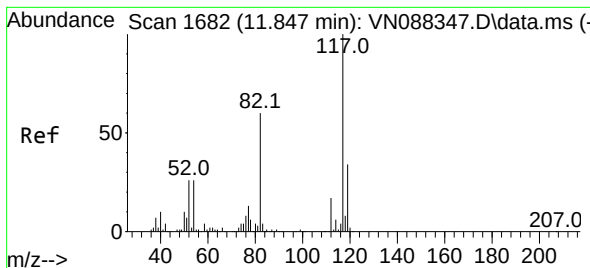
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#62
4-Bromofluorobenzene
Concen: 49.346 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

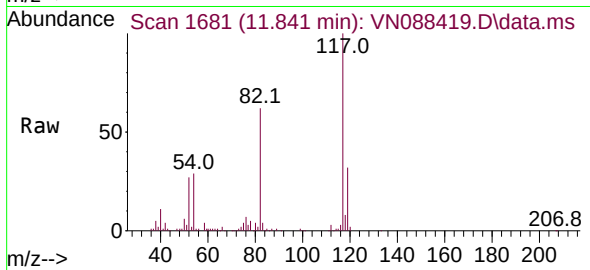
Tgt Ion: 95 Resp: 166873
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.0
176 65.5 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

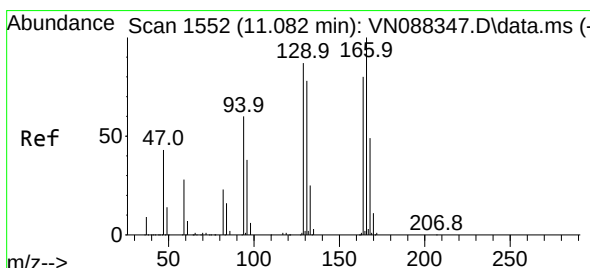
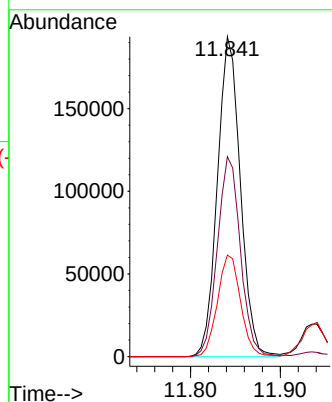
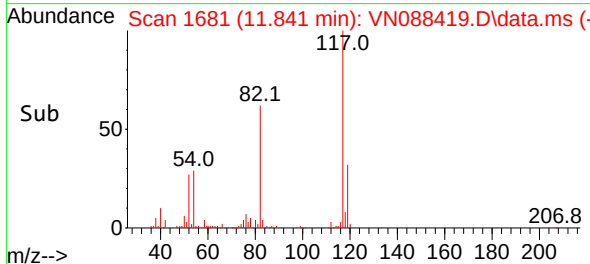
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion:117 Resp: 345174
Ion Ratio Lower Upper
117 100
82 62.5 47.8 71.8
119 31.7 26.9 40.3

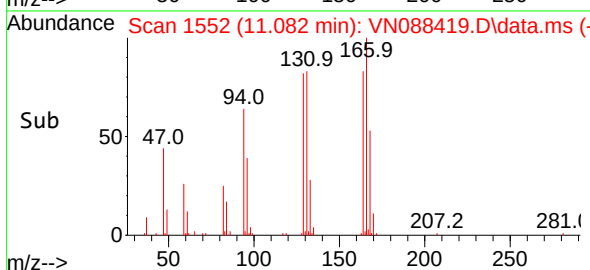
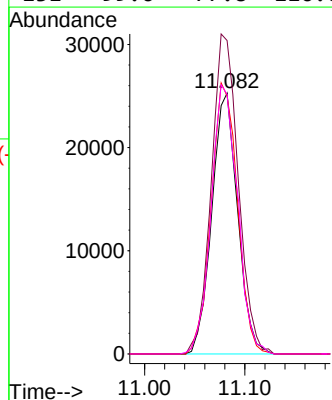
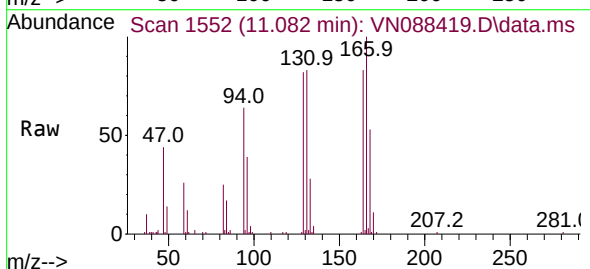
Manual Integrations
APPROVED

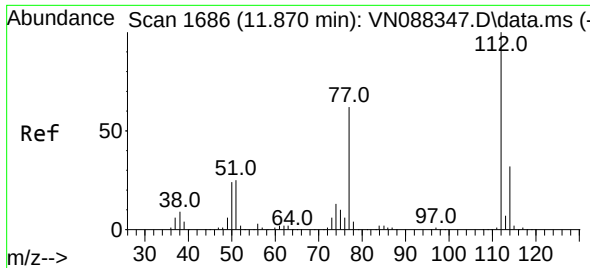
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 16.513 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion:164 Resp: 45186
Ion Ratio Lower Upper
164 100
166 120.2 99.6 149.4
129 98.9 86.6 129.8
131 99.6 77.8 116.6





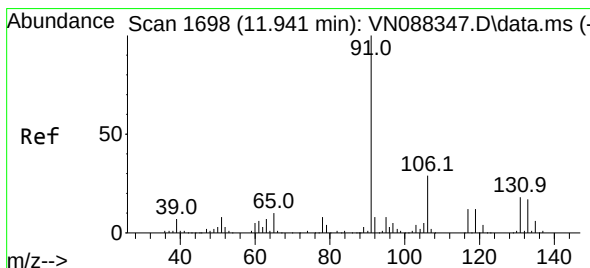
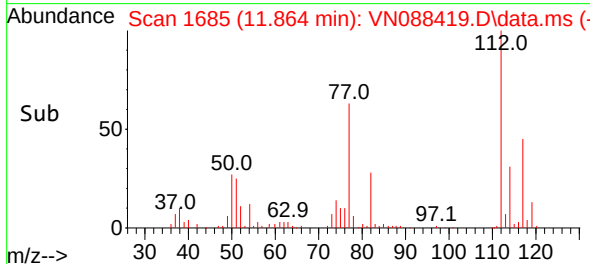
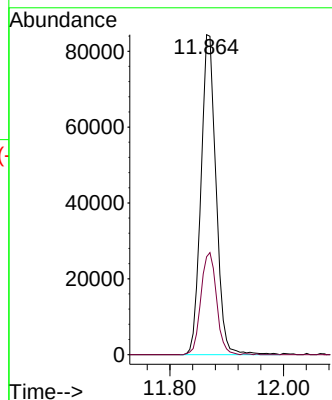
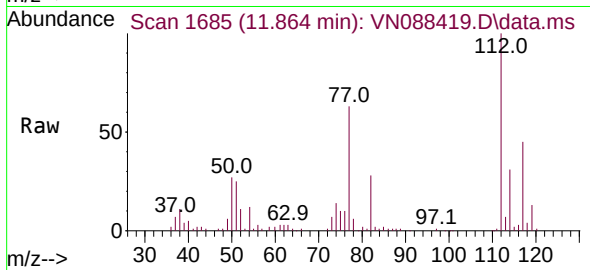
#65
Chlorobenzene
Concen: 20.009 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion:112 Resp: 155133
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.2

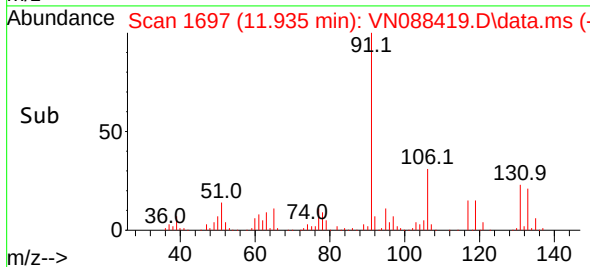
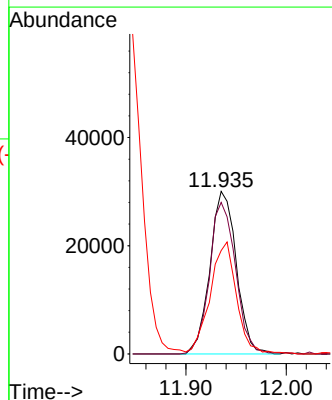
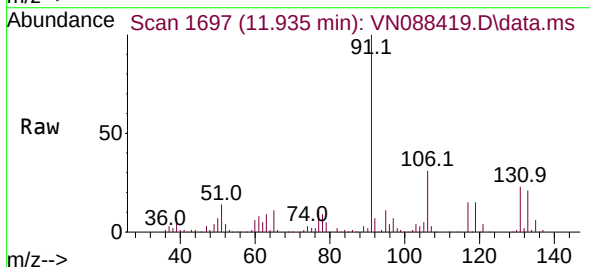
Manual Integrations
APPROVED

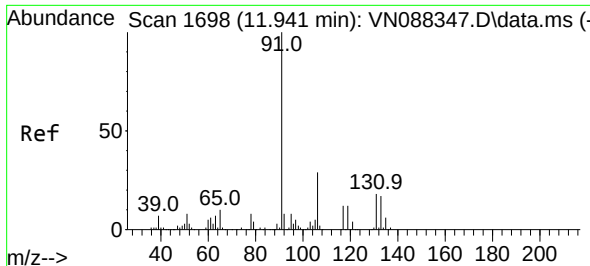
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.985 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

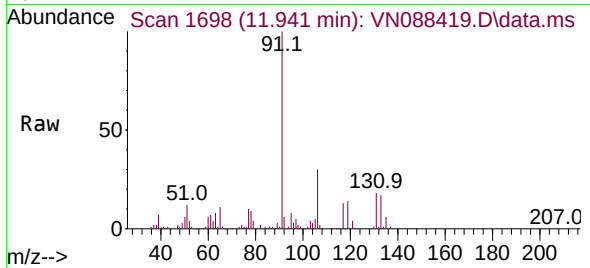
Tgt Ion:131 Resp: 54875
Ion Ratio Lower Upper
131 100
133 92.8 47.4 142.2
119 68.9 33.4 100.1





#67
Ethyl Benzene
Concen: 19.037 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

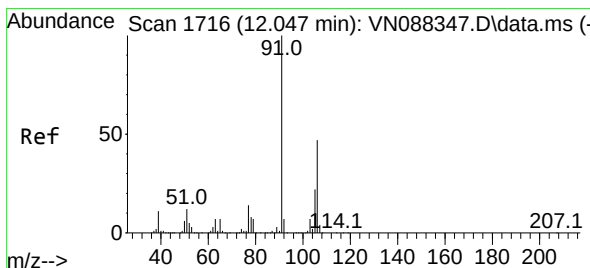
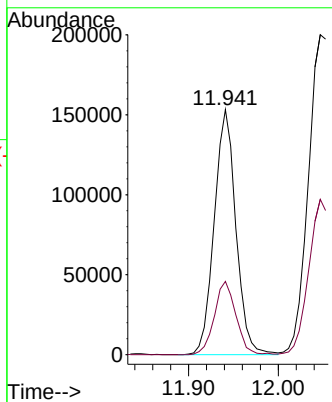
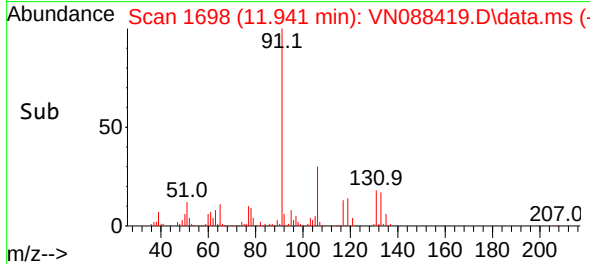
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



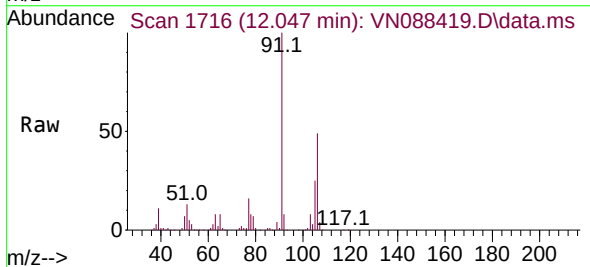
Tgt Ion: 91 Resp: 25797
Ion Ratio Lower Upper
91 100
106 29.9 23.6 35.4

Manual Integrations
APPROVED

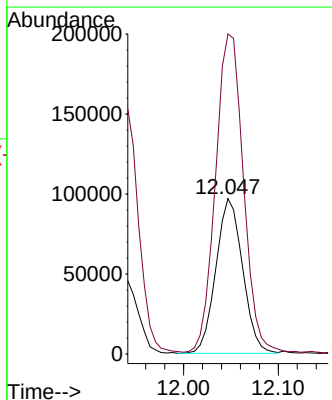
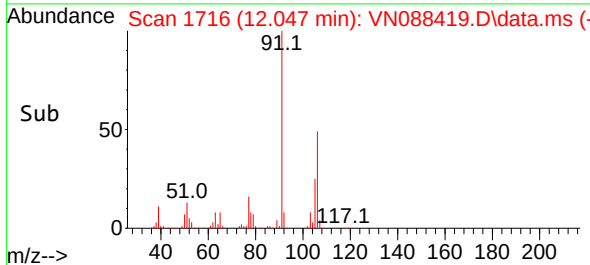
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

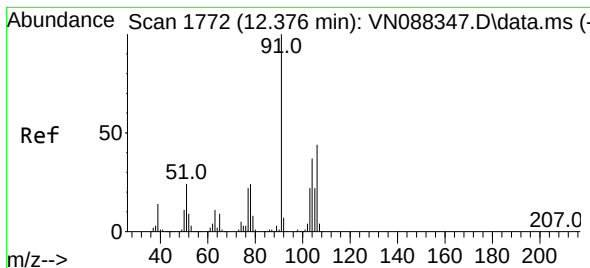


#68
m/p-Xylenes
Concen: 37.798 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38



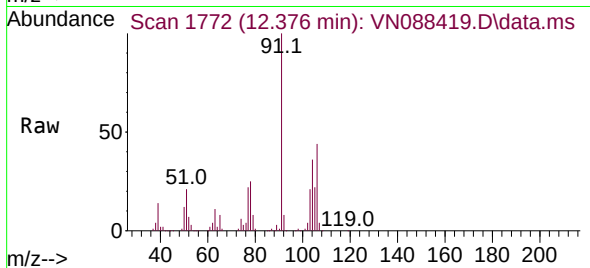
Tgt Ion:106 Resp: 189907
Ion Ratio Lower Upper
106 100
91 215.0 167.8 251.6





#69
o-Xylene
Concen: 18.895 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

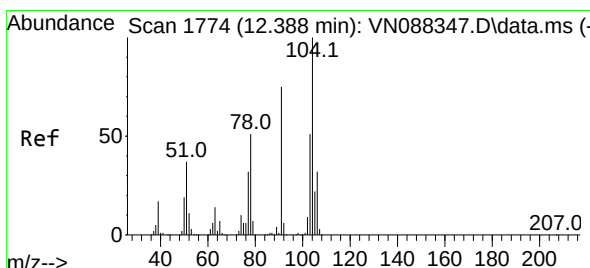
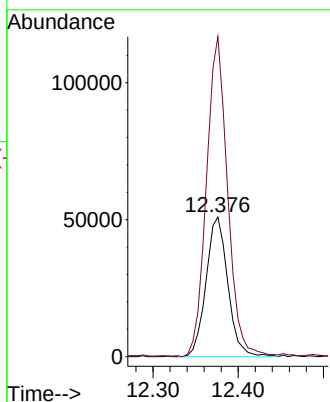
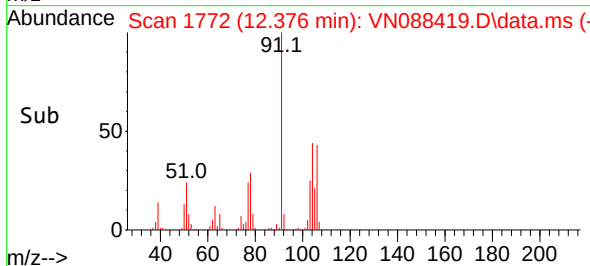
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion:106 Resp: 90507
Ion Ratio Lower Upper
106 100
91 221.6 112.9 338.7

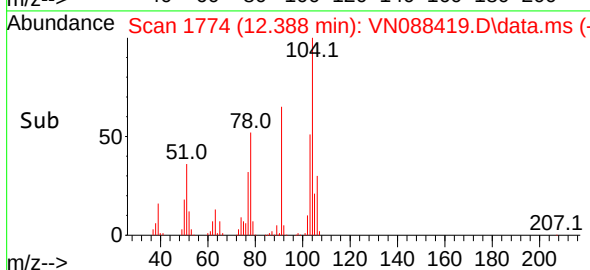
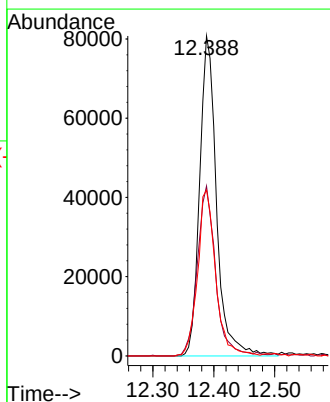
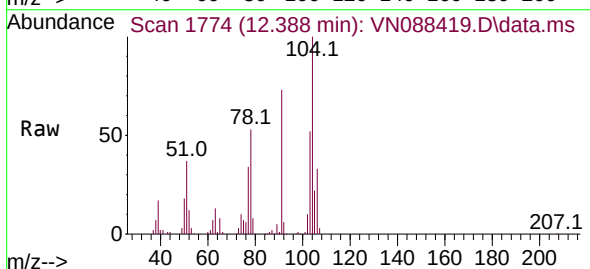
Manual Integrations
APPROVED

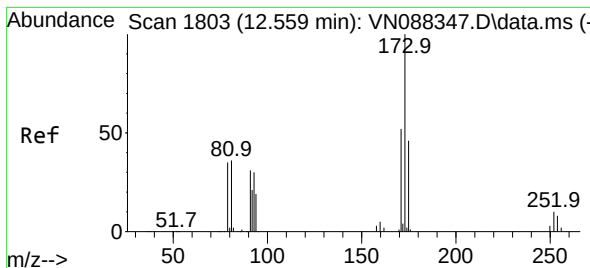
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 20.038 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion:104 Resp: 155850
Ion Ratio Lower Upper
104 100
78 56.6 44.3 66.5
103 55.1 44.2 66.4





#71

Bromoform

Concen: 20.553 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

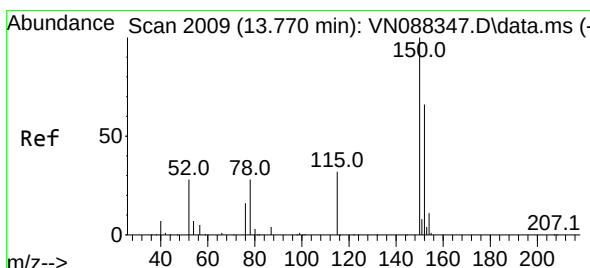
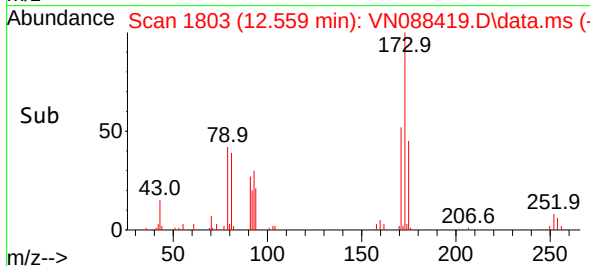
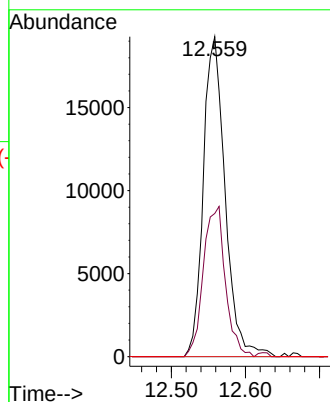
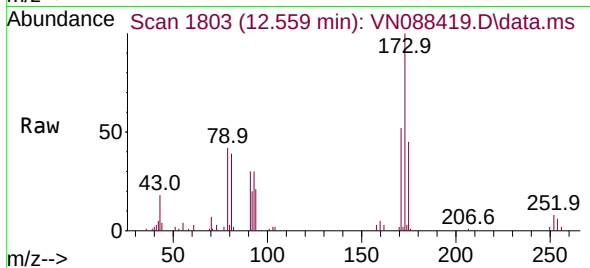
Tgt Ion:	173	Resp:	3936
Ion Ratio	Lower	Upper	
173	100		
175	47.4	23.9	71.8
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

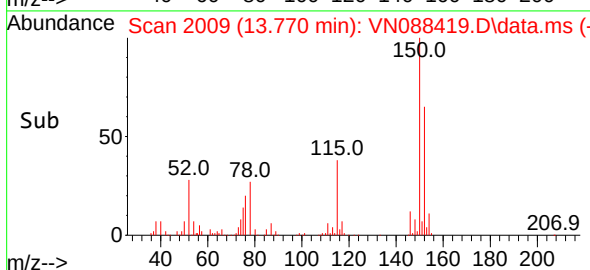
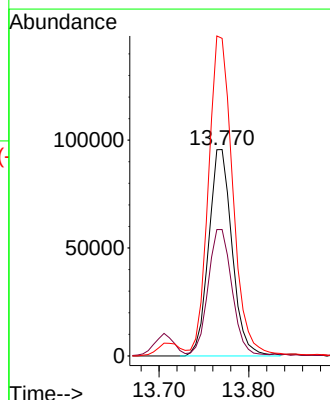
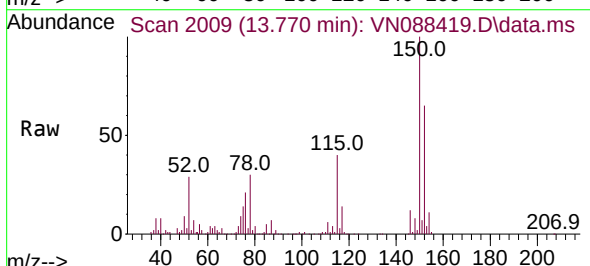
RT: 13.770 min Scan# 2009

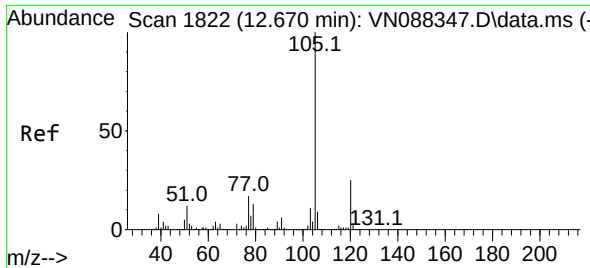
Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Tgt Ion:	152	Resp:	173546
Ion Ratio	Lower	Upper	
152	100		
115	61.2	33.0	98.9
150	160.0	0.0	349.0





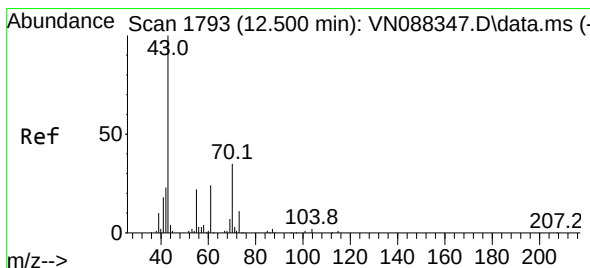
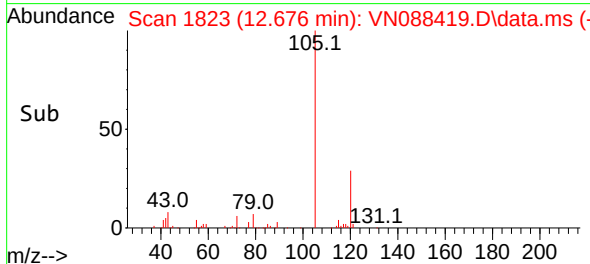
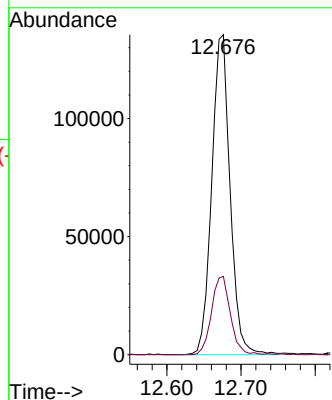
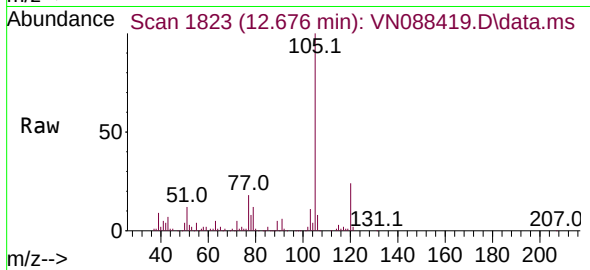
#73
Isopropylbenzene
Concen: 18.139 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion:105 Resp: 232755
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.3

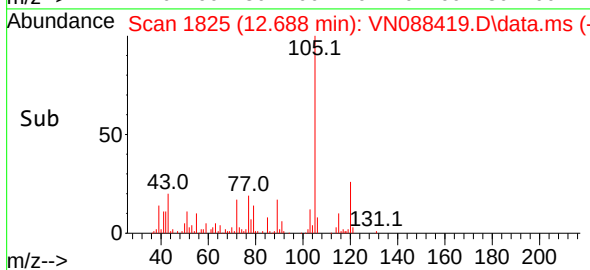
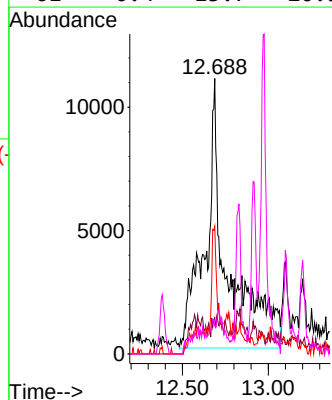
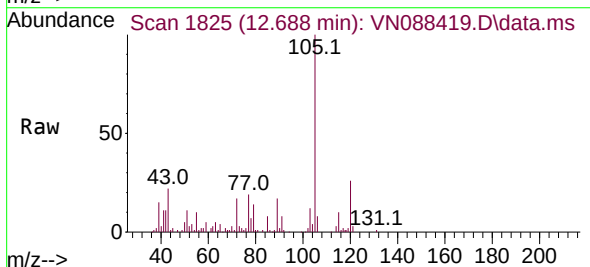
Manual Integrations
APPROVED

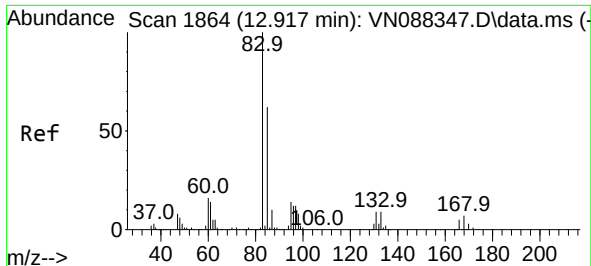
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#74
N-ethyl acetate
Concen: 22.405 ug/l m
RT: 12.688 min Scan# 1825
Delta R.T. 0.188 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion: 43 Resp: 97909
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 1.5 17.7 26.5#
61 0.4 13.7 20.5#





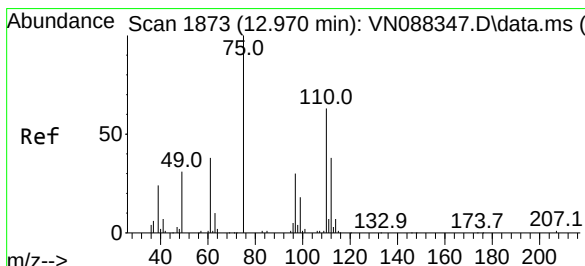
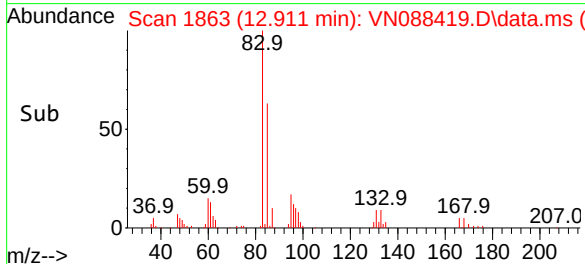
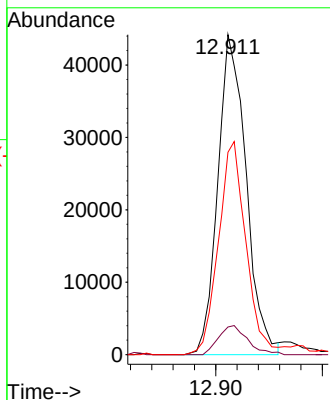
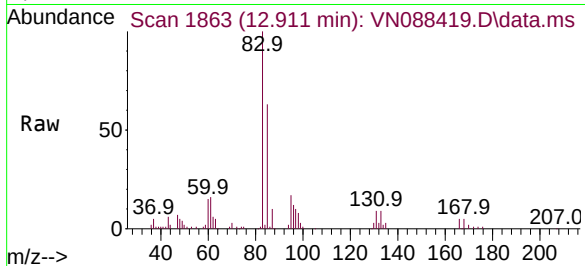
#75
1,1,2,2-Tetrachloroethane
Concen: 19.633 ug/l
RT: 12.911 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion:	83	Resp:	8144
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.4
85	64.6	32.1	96.5

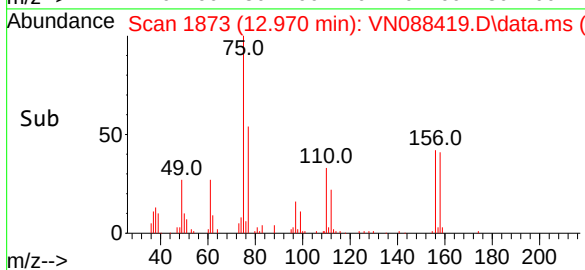
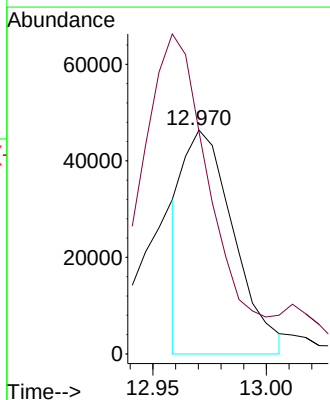
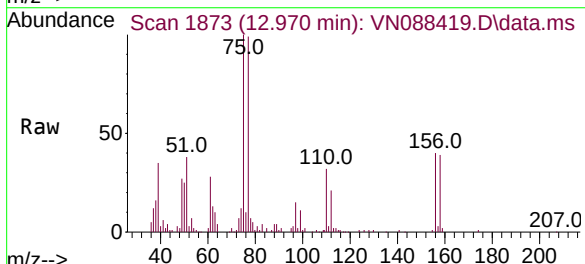
Manual Integrations
APPROVED

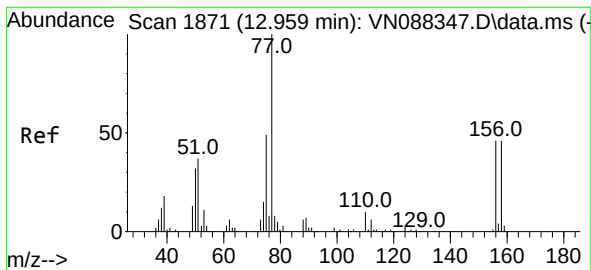
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#76
1,2,3-Trichloropropane
Concen: 17.758 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion:	75	Resp:	72180
Ion Ratio	Lower	Upper	
75	100		
77	195.6	87.2	261.6





#77

Bromobenzene

Concen: 19.557 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

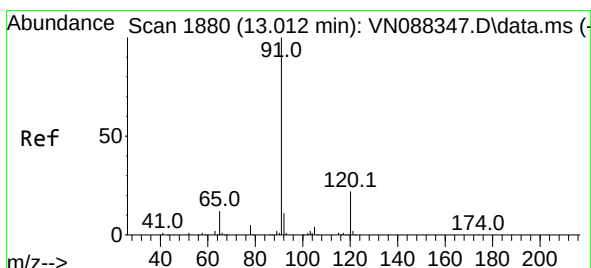
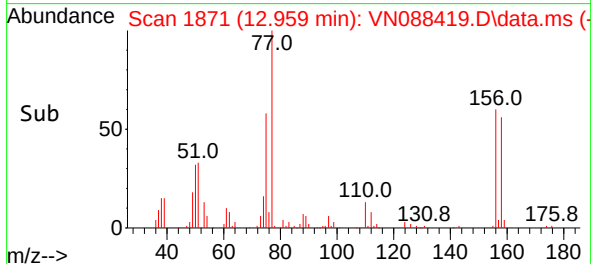
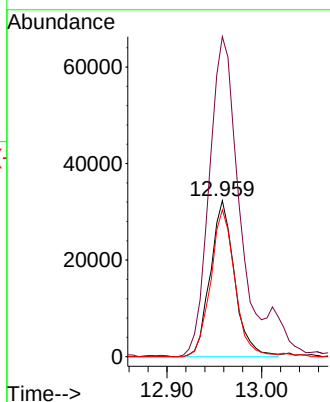
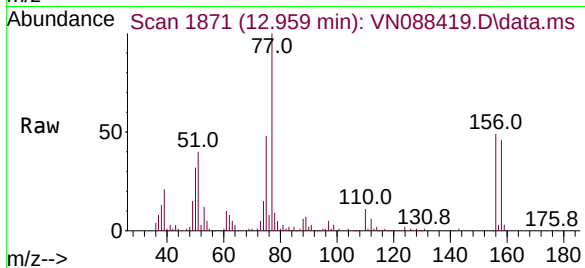
VN1203WBS01

Tgt Ion:156 Resp: 57417
 Ion Ratio Lower Upper
 156 100
 77 245.9 121.6 364.7
 158 94.0 48.6 145.8

Manual Integrations

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



#78

n-propylbenzene

Concen: 18.463 ug/l

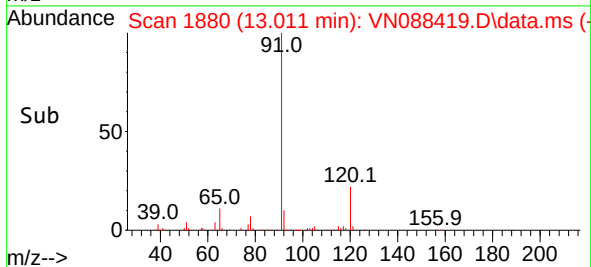
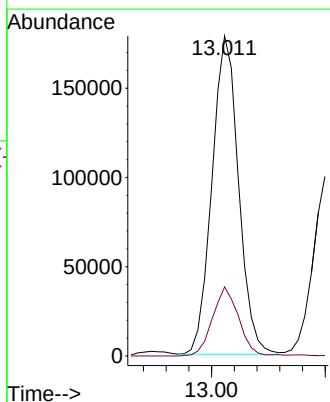
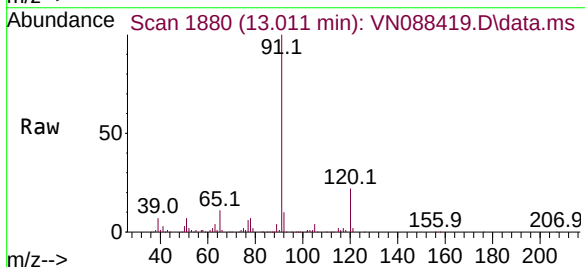
RT: 13.011 min Scan# 1880

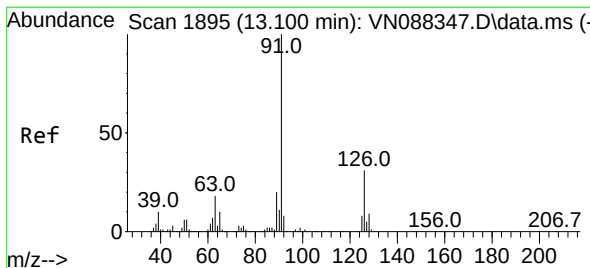
Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

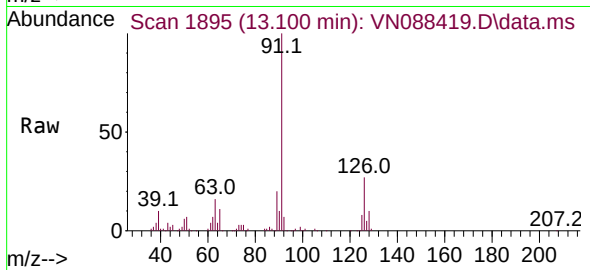
Tgt Ion: 91 Resp: 289837
 Ion Ratio Lower Upper
 91 100
 120 21.5 10.9 32.6





#79
2-Chlorotoluene
Concen: 18.692 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

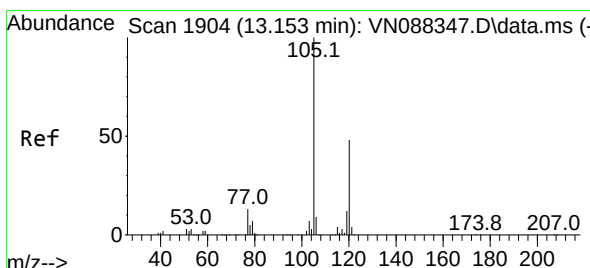
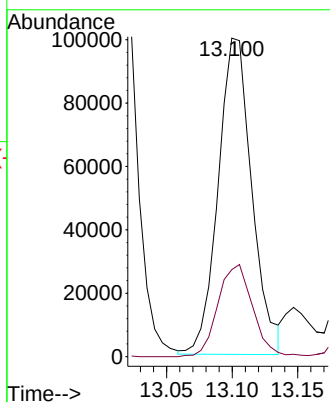
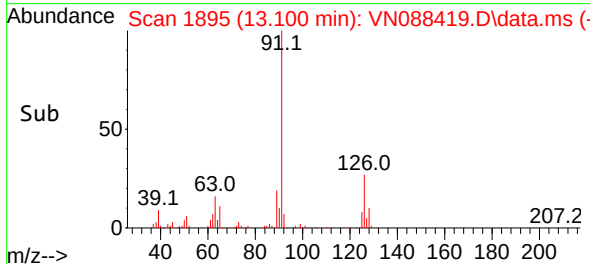
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



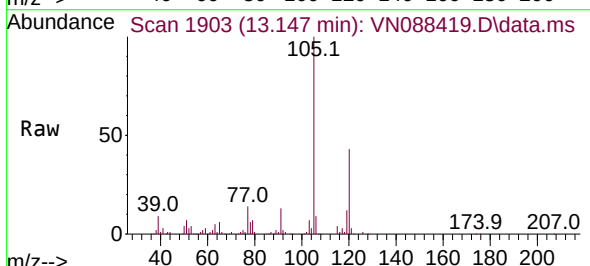
Tgt Ion: 91 Resp: 179184
Ion Ratio Lower Upper
91 100
126 29.9 15.3 45.9

Manual Integrations
APPROVED

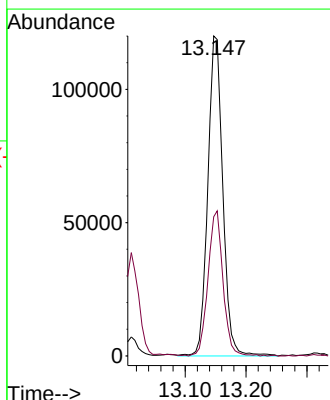
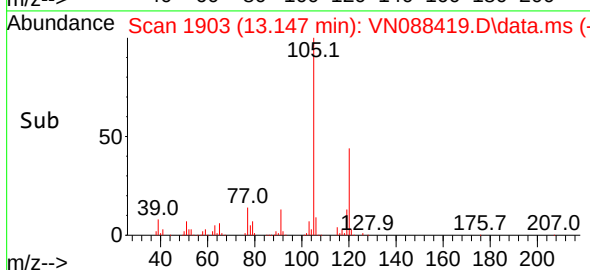
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

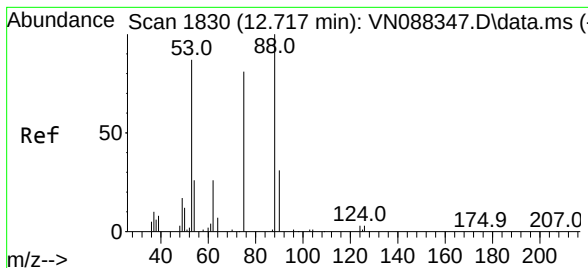


#80
1,3,5-Trimethylbenzene
Concen: 19.301 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38



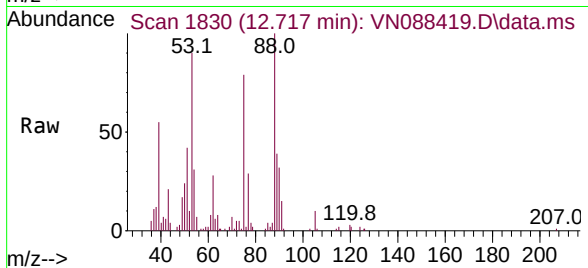
Tgt Ion:105 Resp: 205222
Ion Ratio Lower Upper
105 100
120 45.3 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.969 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

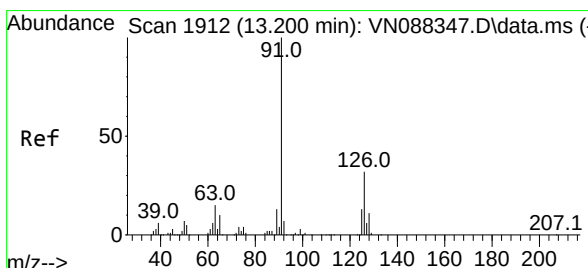
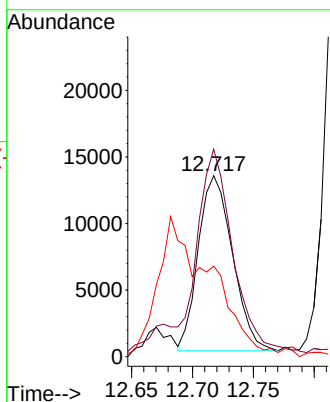
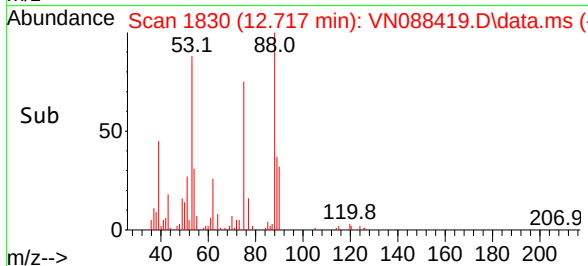
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 75 Resp: 25746
Ion Ratio Lower Upper
75 100
53 144.1 92.2 138.4
89 0.0 0.0 0.0

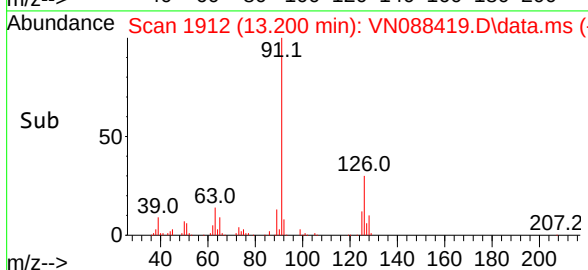
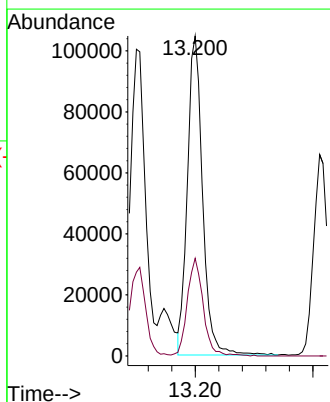
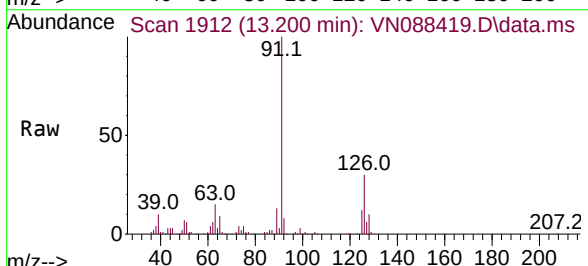
Manual Integrations
APPROVED

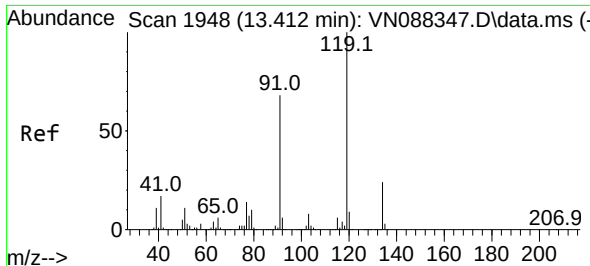
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 19.723 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

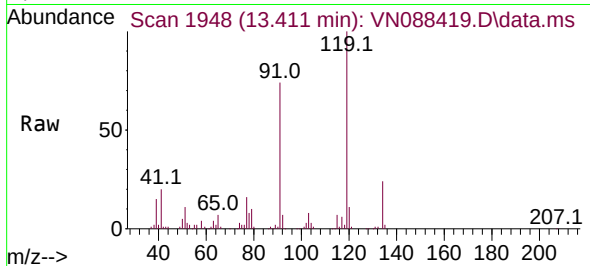
Tgt Ion: 91 Resp: 187794
Ion Ratio Lower Upper
91 100
126 32.0 15.6 46.7





#83
tert-Butylbenzene
Concen: 17.746 ug/l
RT: 13.411 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

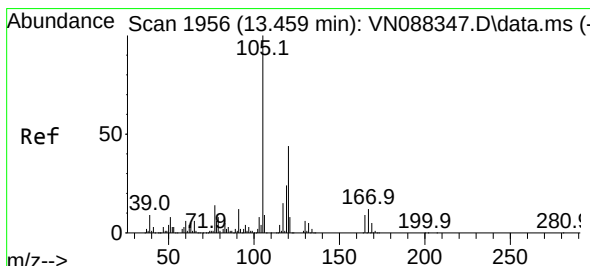
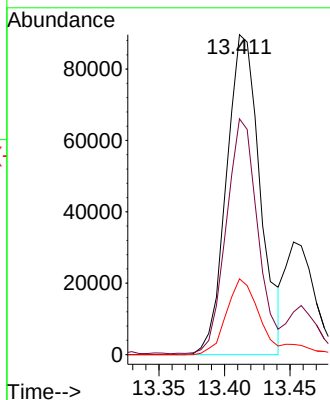
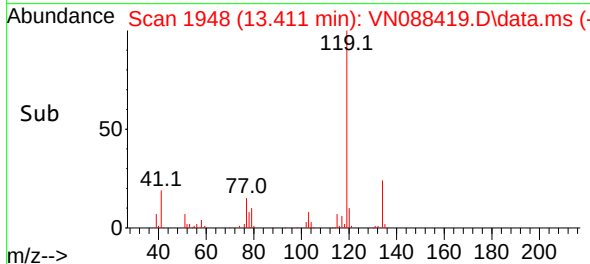
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



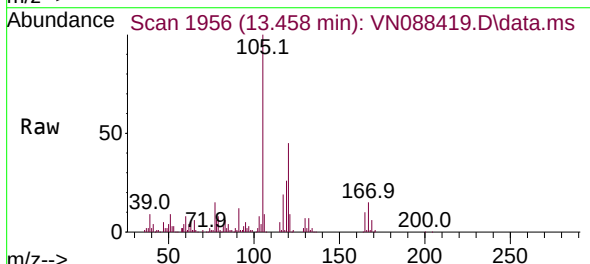
Tgt Ion:119 Resp: 160403
Ion Ratio Lower Upper
119 100
91 68.7 35.1 105.3
134 25.1 12.8 38.4

Manual Integrations
APPROVED

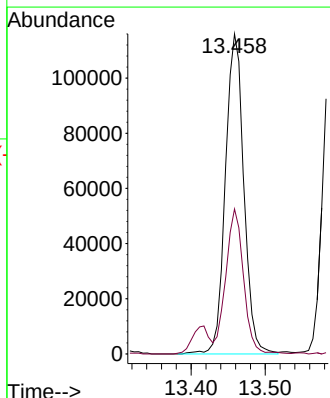
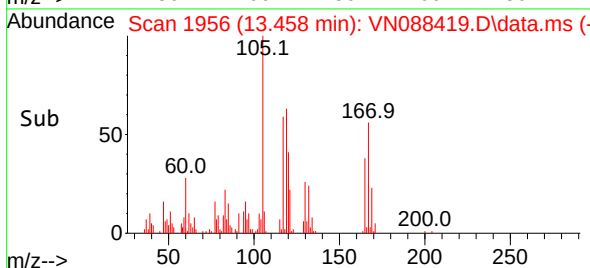
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

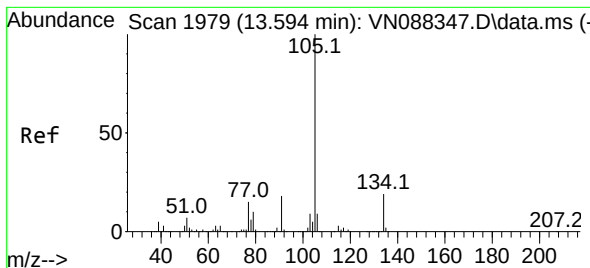


#84
1,2,4-Trimethylbenzene
Concen: 18.954 ug/l
RT: 13.458 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38



Tgt Ion:105 Resp: 200317
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.1





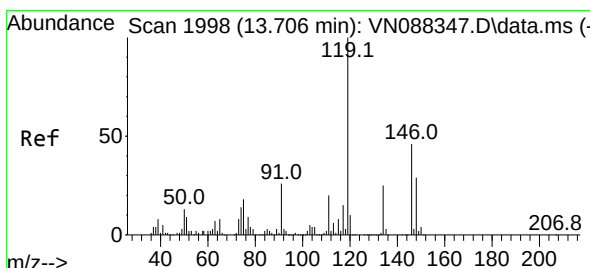
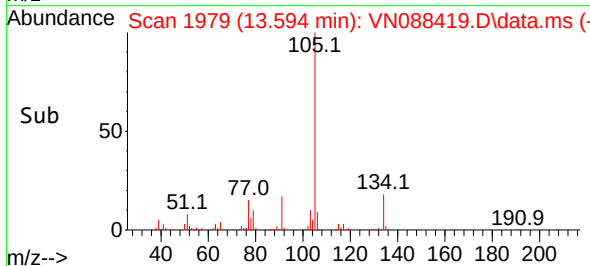
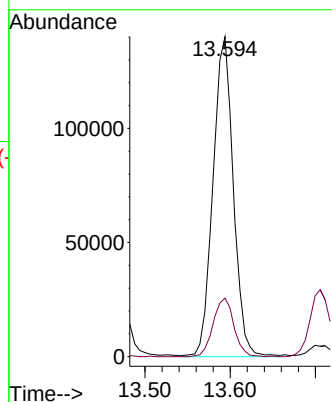
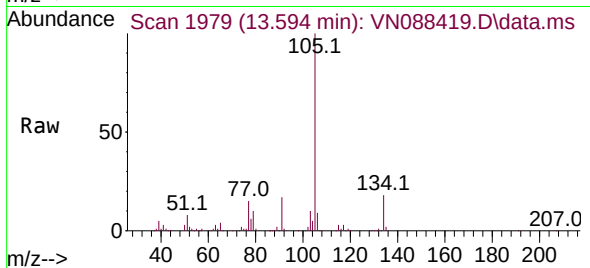
#85
 sec-Butylbenzene
 Concen: 17.891 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088419.D
 Acq: 03 Dec 2025 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tgt Ion:105 Resp: 232322
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.5 28.5

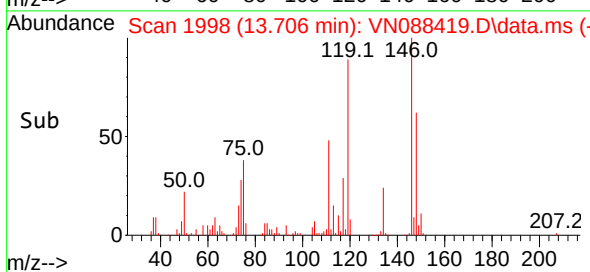
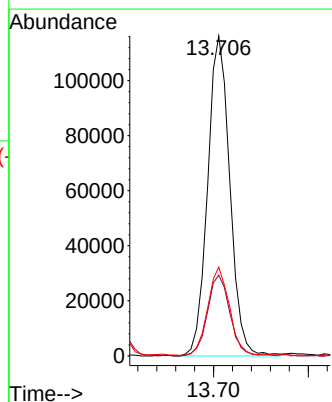
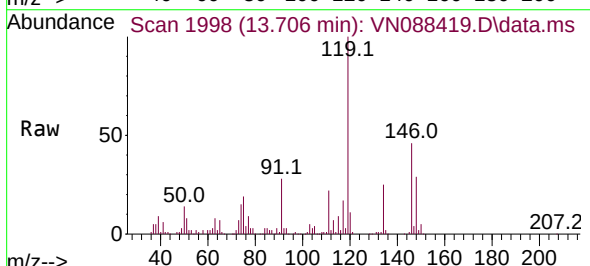
Manual Integrations
 APPROVED

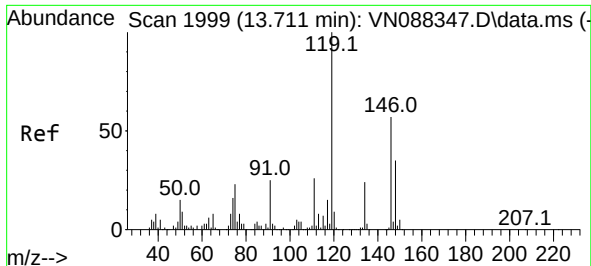
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#86
 p-Isopropyltoluene
 Concen: 17.783 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088419.D
 Acq: 03 Dec 2025 11:38

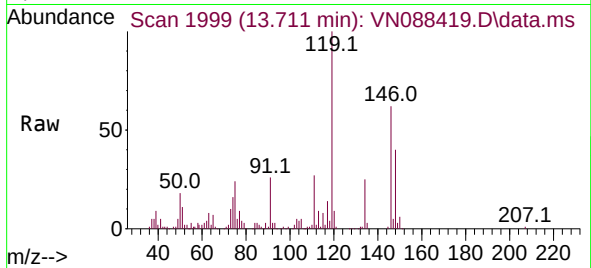
Tgt Ion:119 Resp: 189351
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.2 36.6
 91 26.7 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 19.129 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

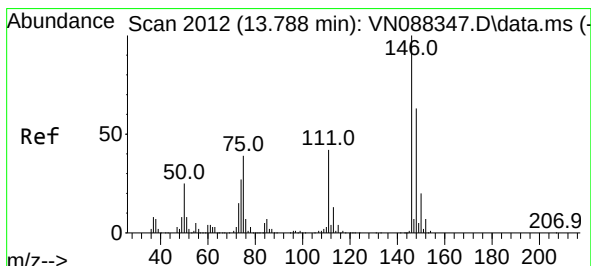
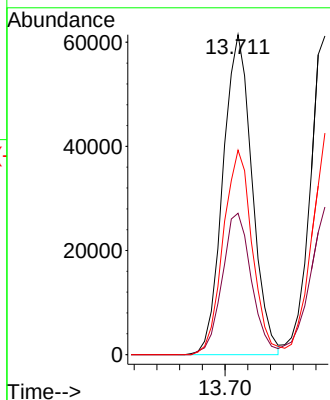
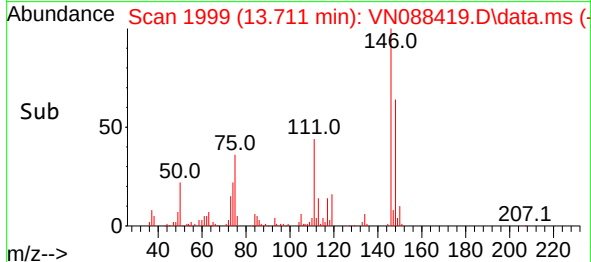
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



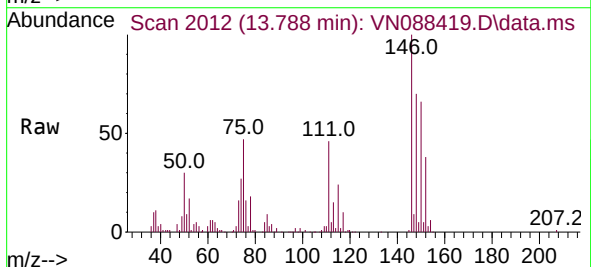
Tgt Ion:146 Resp: 109325
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 64.1 31.6 94.8

Manual Integrations
APPROVED

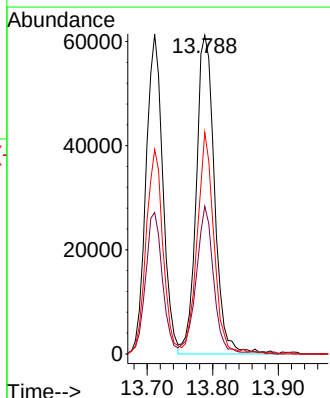
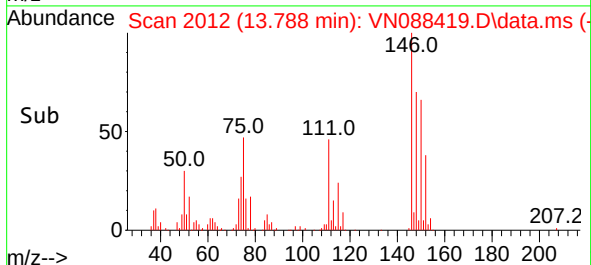
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

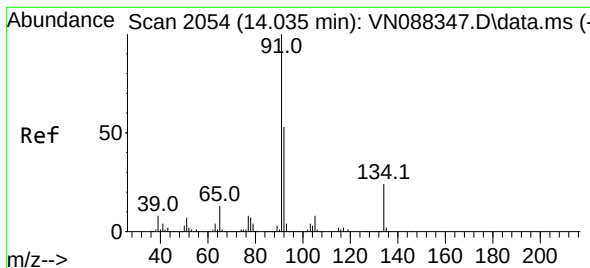


#88
1,4-Dichlorobenzene
Concen: 19.702 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38



Tgt Ion:146 Resp: 117948
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.6
148 63.3 31.0 93.0





#89

n-Butylbenzene

Concen: 17.460 ug/l

RT: 14.029 min Scan# 2054

Delta R.T. -0.006 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

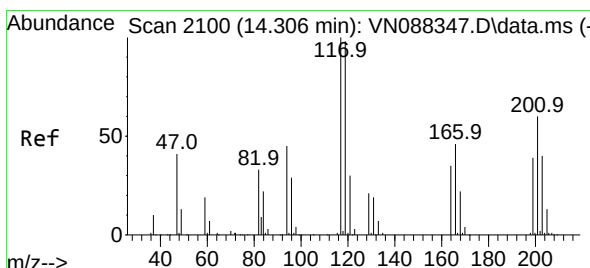
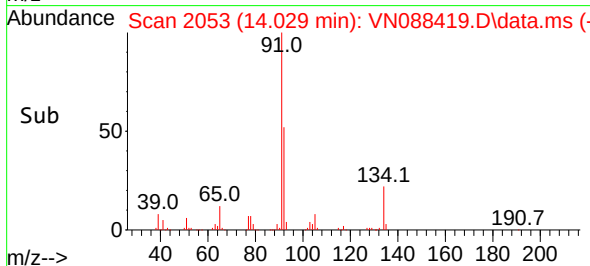
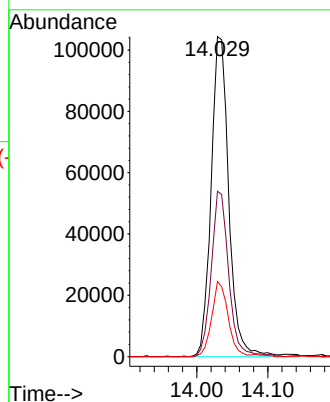
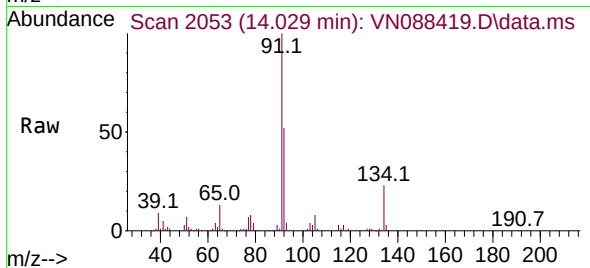
Tgt Ion: 91	Resp: 18051
Ion Ratio	Lower Upper
91	100
92	51.0 26.1 78.3
134	21.8 11.7 35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#90

Hexachloroethane

Concen: 18.731 ug/l

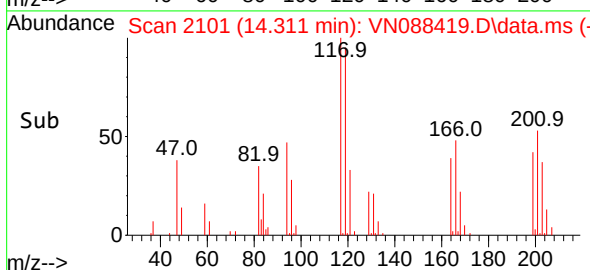
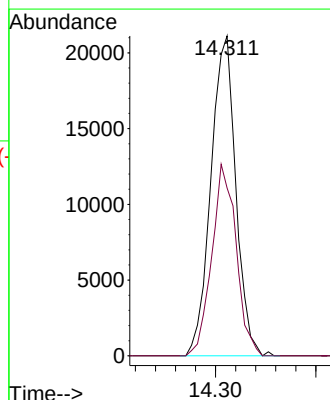
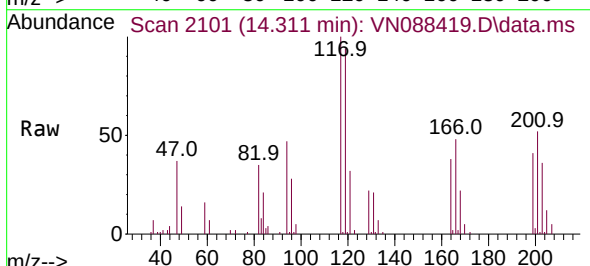
RT: 14.311 min Scan# 2101

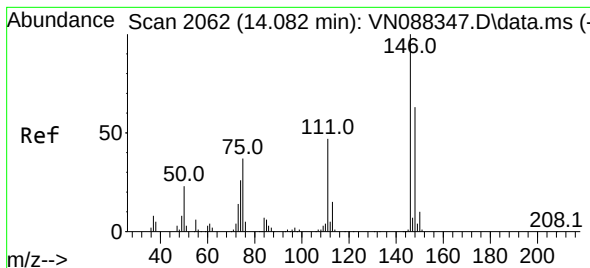
Delta R.T. 0.006 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Tgt Ion: 117	Resp: 36435
Ion Ratio	Lower Upper
117	100
201	58.6 30.3 90.9





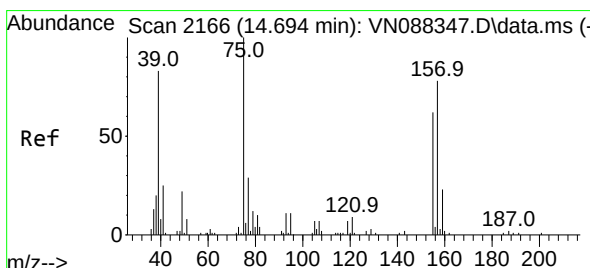
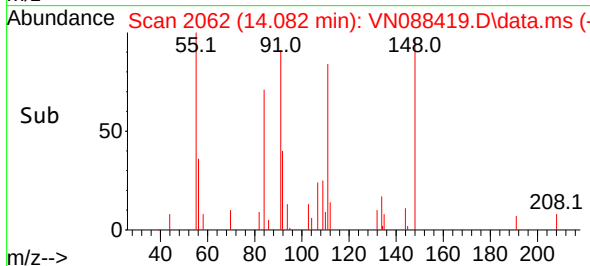
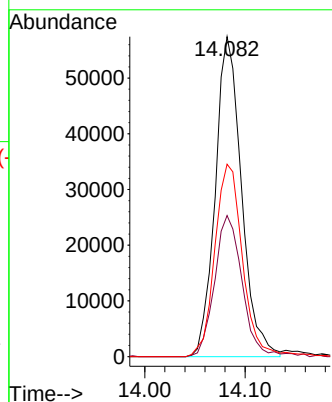
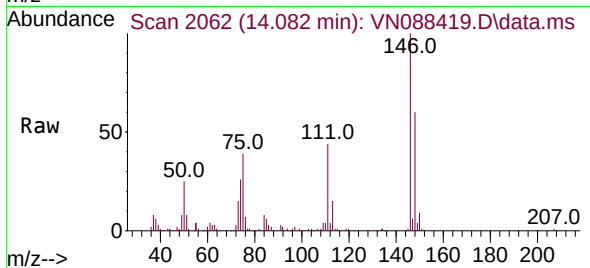
#91
1,2-Dichlorobenzene
Concen: 19.430 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion:146 Resp: 104500
Ion Ratio Lower Upper
146 100
111 46.5 23.3 69.9
148 63.9 31.8 95.4

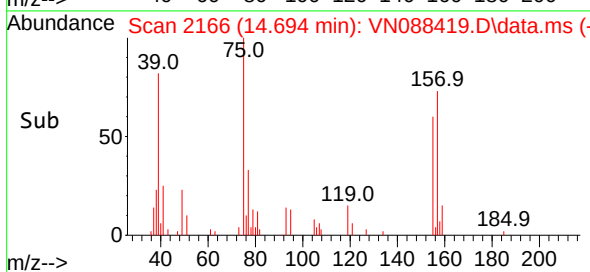
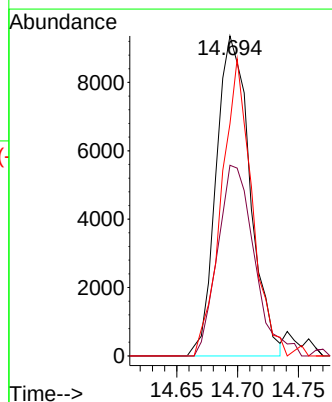
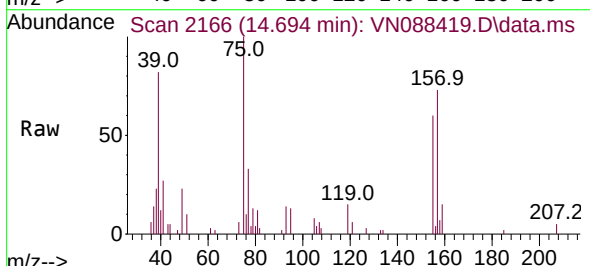
Manual Integrations
APPROVED

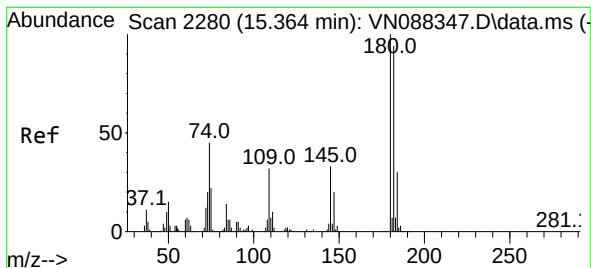
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.026 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion: 75 Resp: 18143
Ion Ratio Lower Upper
75 100
155 64.4 33.7 101.1
157 83.5 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 17.595 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

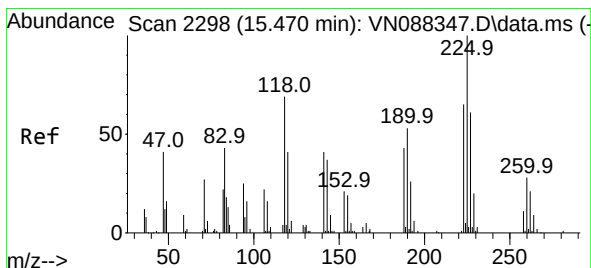
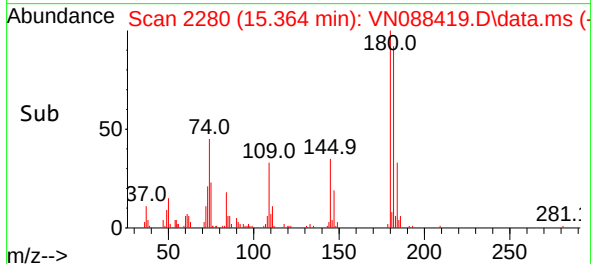
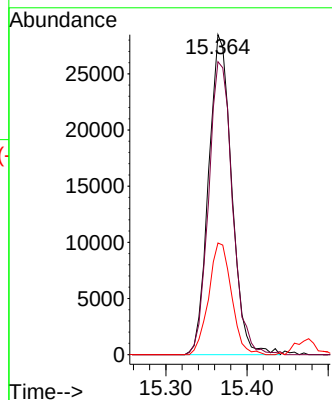
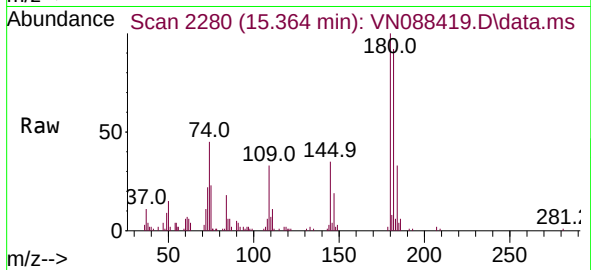
Tgt Ion:180	Resp:	5622
Ion Ratio	Lower	Upper
180	100	
182	94.6	46.1 138.2
145	34.5	16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 17.347 ug/l

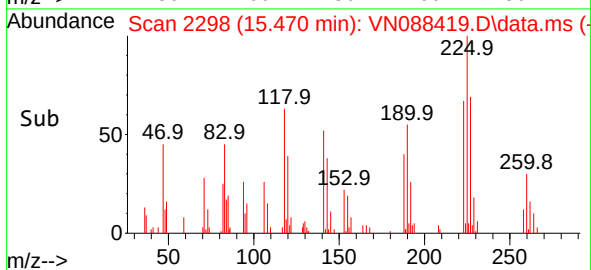
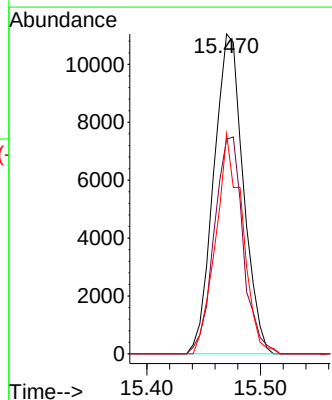
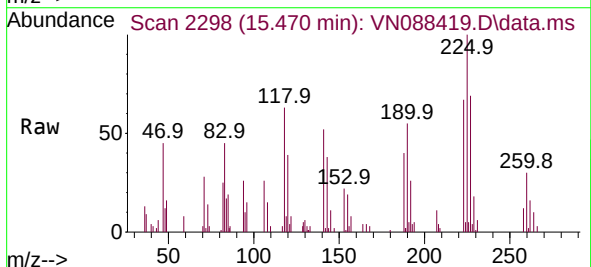
RT: 15.470 min Scan# 2298

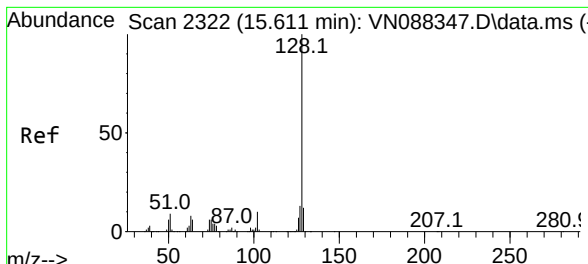
Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

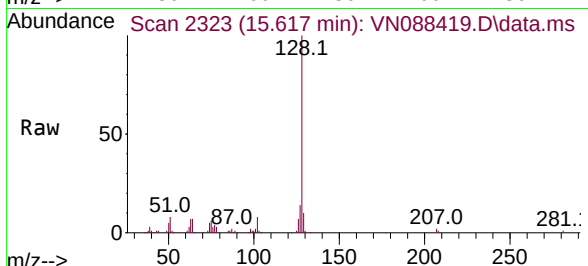
Tgt Ion:225	Resp:	19920
Ion Ratio	Lower	Upper
225	100	
223	66.3	32.3 96.8
227	62.3	29.9 89.8





#95
Naphthalene
Concen: 16.723 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

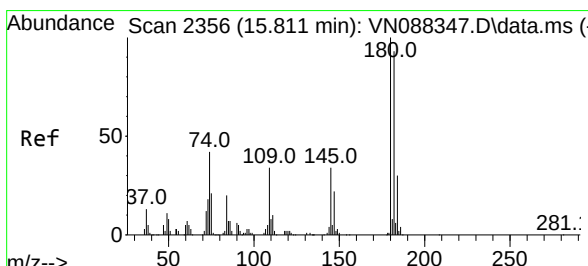
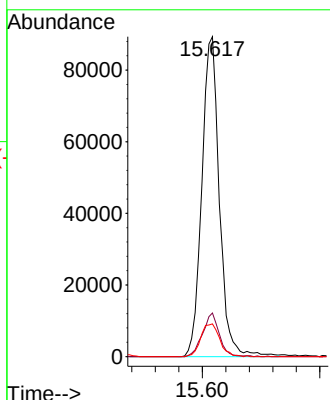
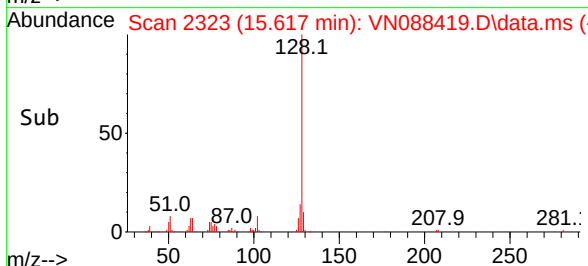
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion:128 Resp: 185176
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 9.0 13.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 17.469 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088419.D
Acq: 03 Dec 2025 11:38

Tgt Ion:180 Resp: 54328
Ion Ratio Lower Upper
180 100
182 93.2 45.9 137.7
145 35.1 17.8 53.4

