

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088514.D
 Acq On : 10 Dec 2025 19:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 02:16:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	248032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	475472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	442565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	225391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	283852	60.750	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.500%	
35) Dibromofluoromethane	8.147	113	181930	55.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.420%	
50) Toluene-d8	10.541	98	648407	52.888	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.823	95	238848	56.779	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.560%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	182870	49.087	ug/l	100
3) Chloromethane	2.383	50	202386	50.581	ug/l	98
4) Vinyl Chloride	2.536	62	204919	50.342	ug/l	100
5) Bromomethane	2.977	94	97769	49.904	ug/l	96
6) Chloroethane	3.142	64	135134	53.645	ug/l	100
7) Trichlorofluoromethane	3.512	101	299428	52.338	ug/l	95
8) Diethyl Ether	3.965	74	118450	55.162	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	154801	50.826	ug/l	99
10) Methyl Iodide	4.583	142	139944	46.415	ug/l	91
11) Tert butyl alcohol	5.518	59	185641	248.855	ug/l	98
12) 1,1-Dichloroethene	4.342	96	152974	50.553	ug/l	96
13) Acrolein	4.177	56	223439	312.858	ug/l	98
14) Allyl chloride	5.018	41	305593	54.485	ug/l	98
15) Acrylonitrile	5.706	53	624998	290.386	ug/l	99
16) Acetone	4.418	43	622457	368.363	ug/l	99
17) Carbon Disulfide	4.706	76	472366	47.770	ug/l	99
18) Methyl Acetate	5.018	43	335797	66.759	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	679153	59.904	ug/l	95
20) Methylene Chloride	5.265	84	198036	54.777	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	179381	53.513	ug/l	95
22) Diisopropyl ether	6.659	45	733329	61.242	ug/l	98
23) Vinyl Acetate	6.588	43	3282780	340.273	ug/l	99
24) 1,1-Dichloroethane	6.553	63	392711	57.913	ug/l	99
25) 2-Butanone	7.471	43	896263	329.928	ug/l	97
26) 2,2-Dichloropropane	7.471	77	304534	52.029	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	219012	56.219	ug/l	97
28) Bromochloromethane	7.794	49	209521	62.025	ug/l	96
29) Tetrahydrofuran	7.824	42	589864	302.728	ug/l	99
30) Chloroform	7.947	83	404519	60.710	ug/l	97
31) Cyclohexane	8.241	56	289398	47.095	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	330605	56.431	ug/l	99
36) 1,1-Dichloropropene	8.353	75	253748	49.899	ug/l	100
37) Ethyl Acetate	7.547	43	380984	56.978	ug/l	99
38) Carbon Tetrachloride	8.341	117	268546	53.048	ug/l	97
39) Methylcyclohexane	9.582	83	244183	44.892	ug/l	91
40) Benzene	8.582	78	794373	53.224	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	192417	58.101	ug/l	97
42) 1,2-Dichloroethane	8.653	62	336150	59.032	ug/l	99
43) Isopropyl Acetate	8.671	43	574441	56.229	ug/l	99
44) Trichloroethene	9.329	130	169736	48.130	ug/l	98
45) 1,2-Dichloropropane	9.600	63	216131	56.520	ug/l	95
46) Dibromomethane	9.688	93	154691	56.684	ug/l	100
47) Bromodichloromethane	9.865	83	321183	57.681	ug/l	95
48) Methyl methacrylate	9.659	41	275745	59.156	ug/l	97
49) 1,4-Dioxane	9.677	88	56079	946.012	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	1839403	305.462	ug/l	99
52) Toluene	10.606	92	481701	55.894	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	322918	56.498	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	335805	55.869	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	190489	57.129	ug/l	98
56) Ethyl methacrylate	10.853	69	321568	61.054	ug/l	99
57) 1,3-Dichloropropane	11.141	76	349494	58.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	932187	306.996	ug/l	100
59) 2-Hexanone	11.176	43	1220204	321.665	ug/l	100
60) Dibromochloromethane	11.335	129	222562	58.552	ug/l	99
61) 1,2-Dibromoethane	11.447	107	191567	56.735	ug/l	99
64) Tetrachloroethene	11.082	164	143914	41.019	ug/l	93
65) Chlorobenzene	11.870	112	511933	51.498	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	184666	55.078	ug/l	98
67) Ethyl Benzene	11.941	91	902618	51.950	ug/l	99
68) m/p-Xylenes	12.047	106	677889	105.231	ug/l	97
69) o-Xylene	12.376	106	325276	52.963	ug/l	98
70) Styrene	12.388	104	569776	57.137	ug/l	99
71) Bromoform	12.559	173	137347	55.929	ug/l #	100
73) Isopropylbenzene	12.670	105	829291	49.762	ug/l	99
74) N-amyl acetate	12.500	43	169824	29.923	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.917	83	287620	53.386	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	400026	75.776	ug/l	65
77) Bromobenzene	12.959	156	195323	51.225	ug/l	94
78) n-propylbenzene	13.012	91	1015615	49.815	ug/l	99
79) 2-Chlorotoluene	13.100	91	622803	50.024	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	713383	51.659	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	91645	49.250	ug/l #	97
82) 4-Chlorotoluene	13.200	91	654423	52.922	ug/l	99
83) tert-Butylbenzene	13.412	119	570338	48.585	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	725381	52.848	ug/l	99
85) sec-Butylbenzene	13.594	105	811362	48.111	ug/l	99
86) p-Isopropyltoluene	13.706	119	674235	48.756	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	371328	50.026	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	377759	48.585	ug/l	97
89) n-Butylbenzene	14.029	91	627951	46.767	ug/l	100
90) Hexachloroethane	14.312	117	125429	49.650	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	358390	51.309	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	69301	53.017	ug/l	92
93) 1,2,4-Trichlorobenzene	15.364	180	188917	45.519	ug/l	97
94) Hexachlorobutadiene	15.470	225	61258	41.075	ug/l	98
95) Naphthalene	15.611	128	704209	48.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	184947	45.790	ug/l	97

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QLast Update : Tue Nov 25 01:34:52 2025
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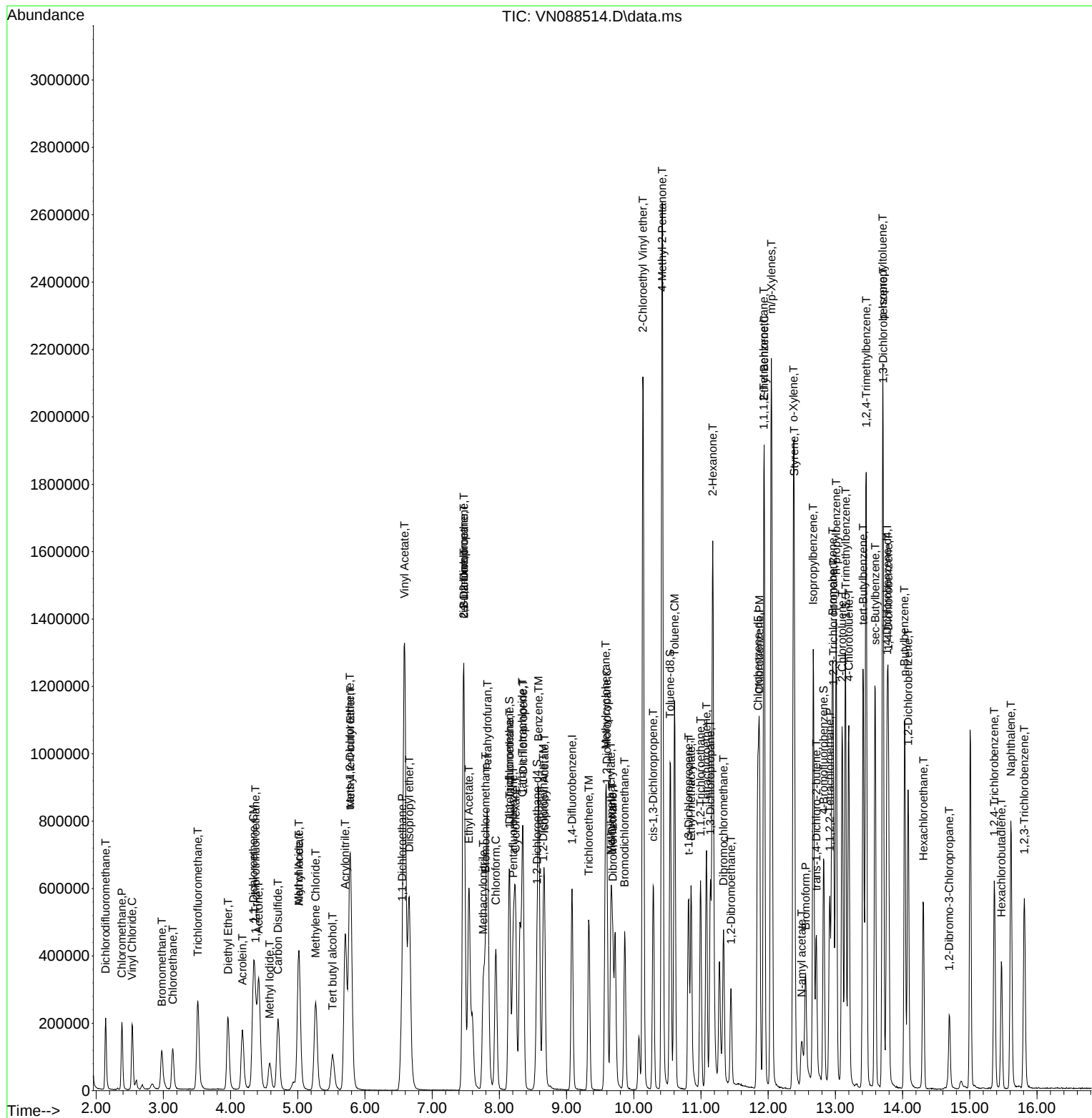
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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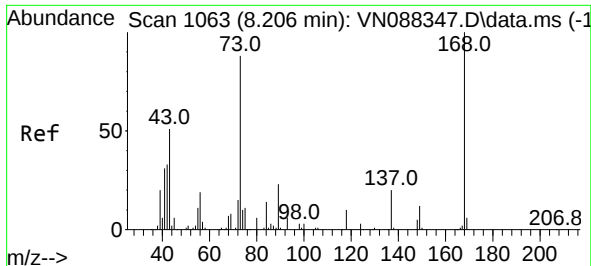
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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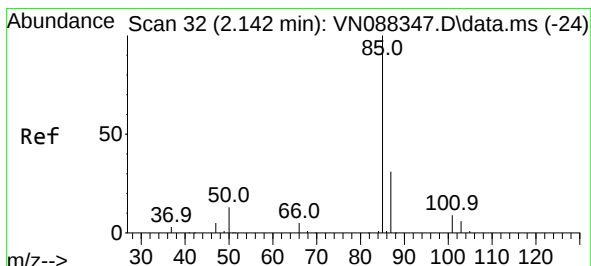
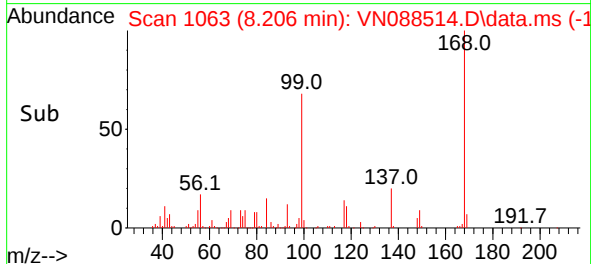
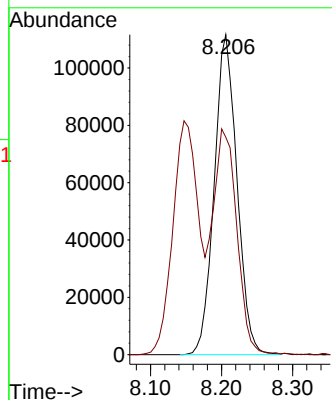
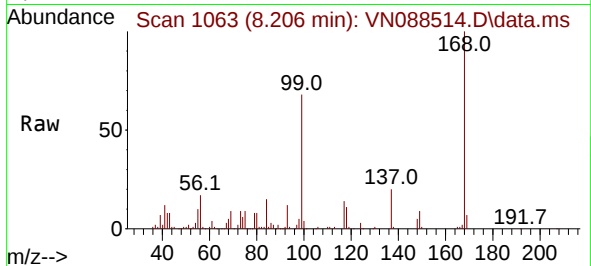




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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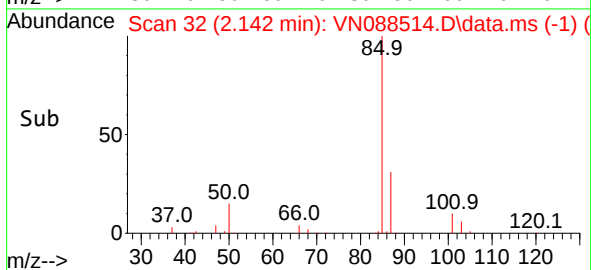
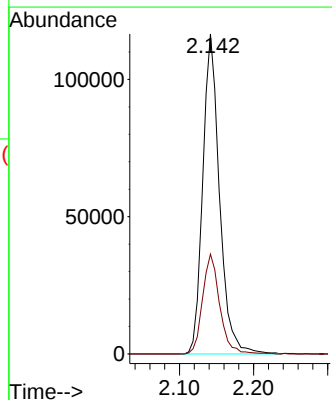
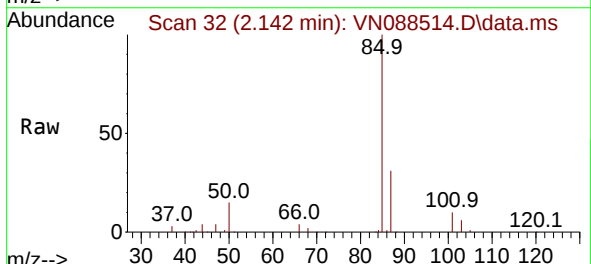
Instrument :
MSVOA_N
ClientSampleId :

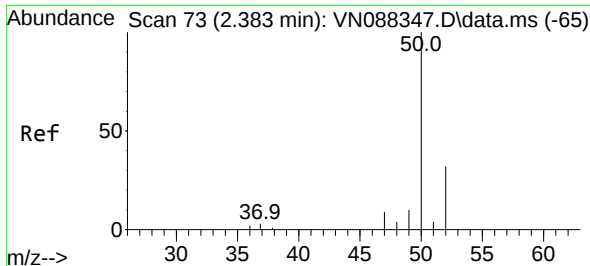
Tgt Ion:168 Resp: 248032
Ion Ratio Lower Upper
168 100
99 67.7 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 49.087 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 85 Resp: 182870
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.7

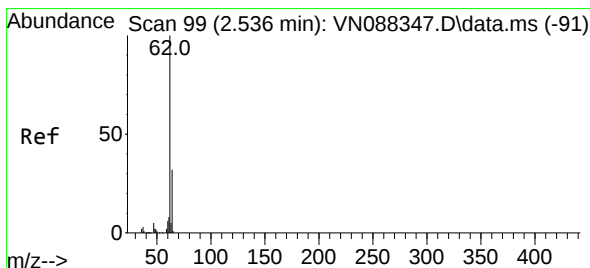
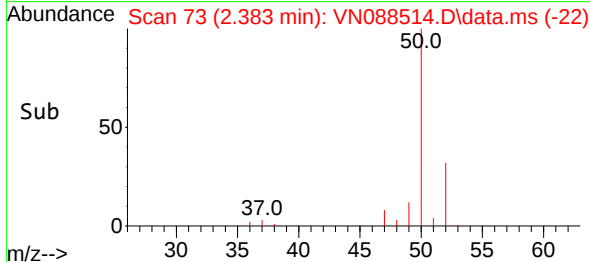
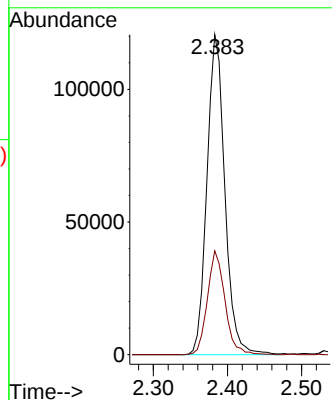
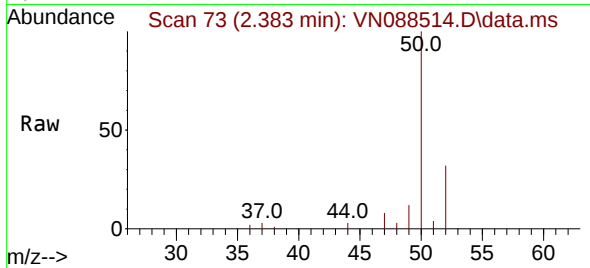




#3
Chloromethane
Concen: 50.581 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088514.D
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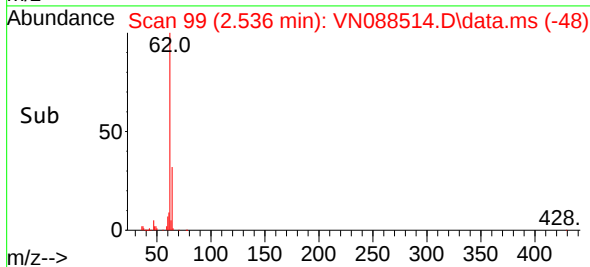
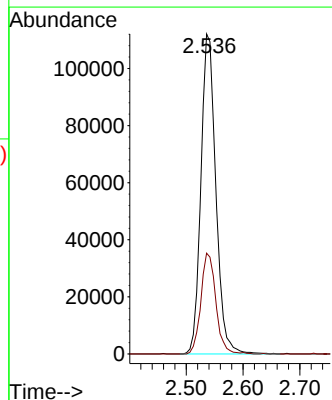
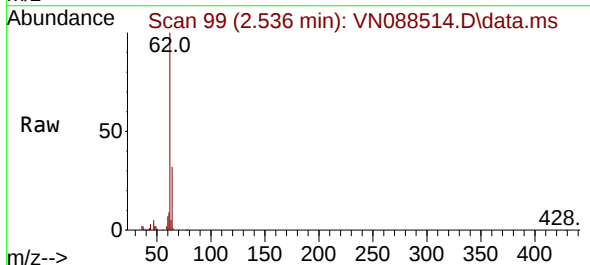
Instrument :
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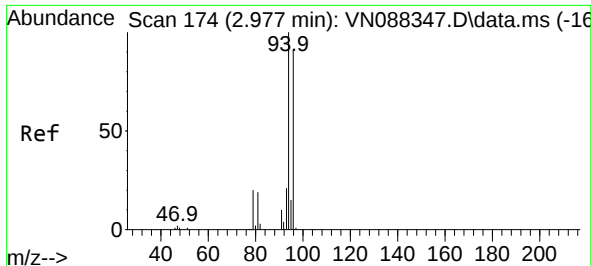
Tgt Ion: 50 Resp: 202386
Ion Ratio Lower Upper
50 100
52 32.4 25.2 37.8



#4
Vinyl Chloride
Concen: 50.342 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 62 Resp: 204919
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2

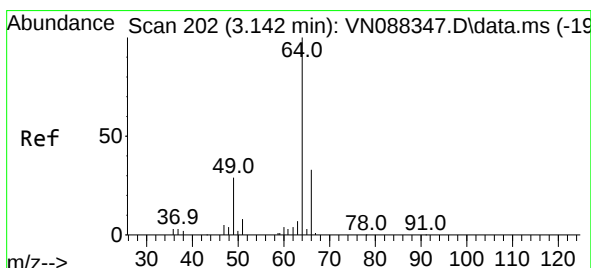
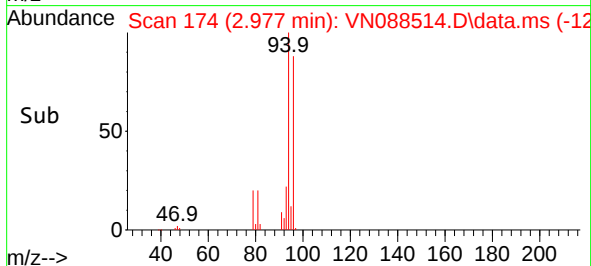
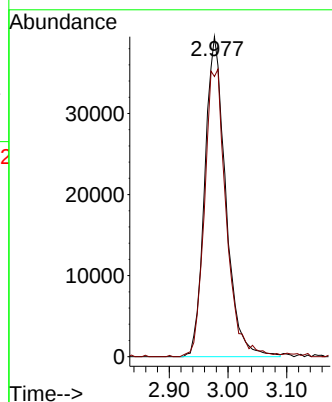
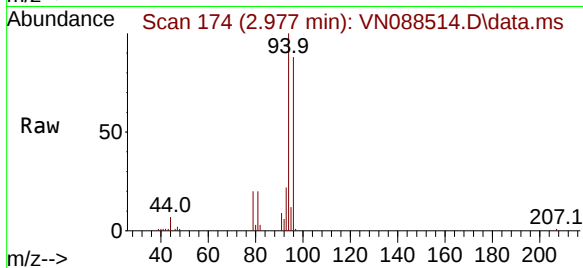




#5
Bromomethane
Concen: 49.904 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
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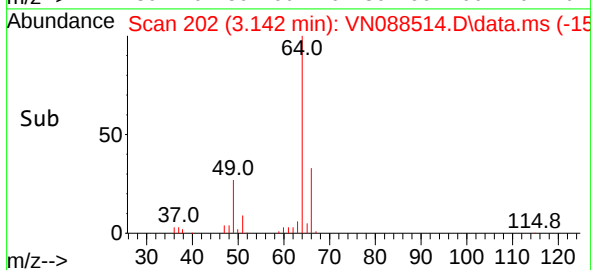
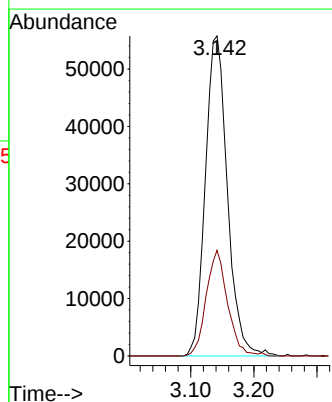
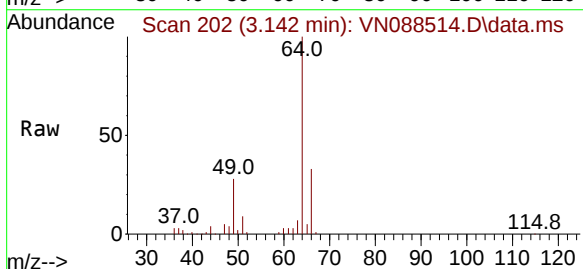
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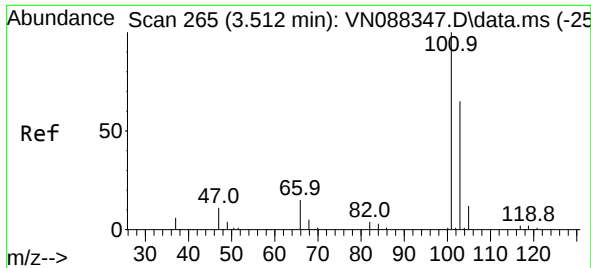
Tgt Ion: 94 Resp: 97769
Ion Ratio Lower Upper
94 100
96 87.6 73.2 109.8



#6
Chloroethane
Concen: 53.645 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088514.D
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Tgt Ion: 64 Resp: 135134
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6

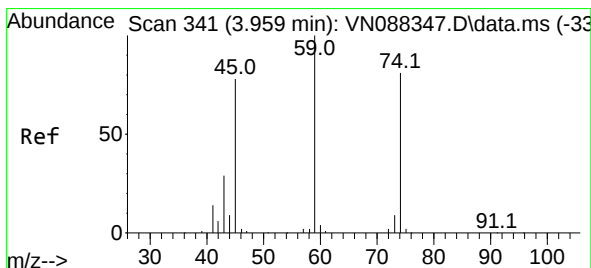
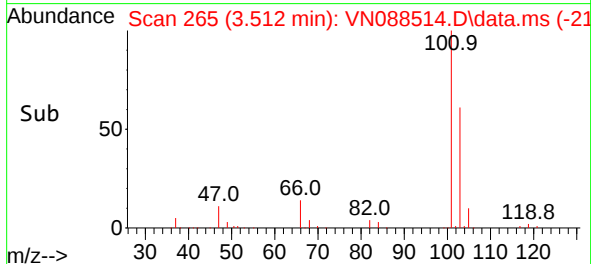
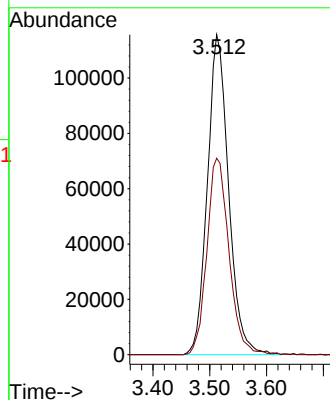
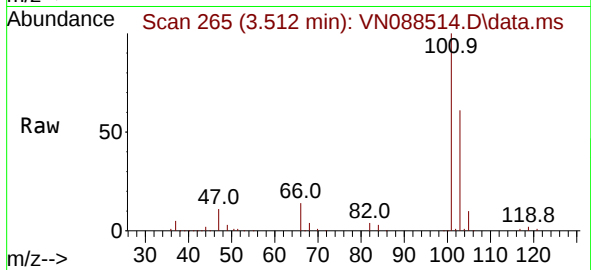




#7
 Trichlorofluoromethane
 Concen: 52.338 ug/l
 RT: 3.512 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VN088514.D
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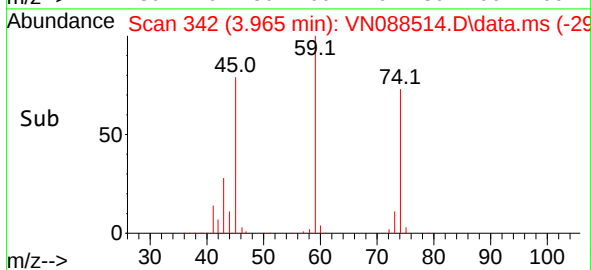
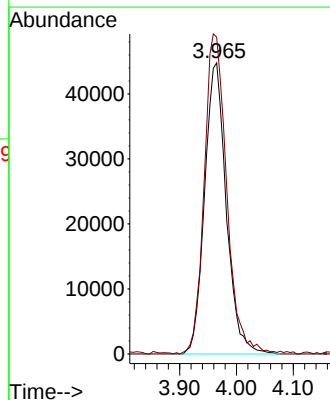
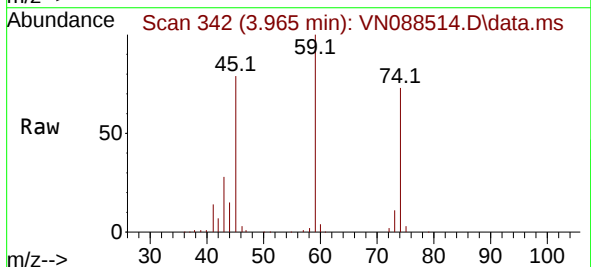
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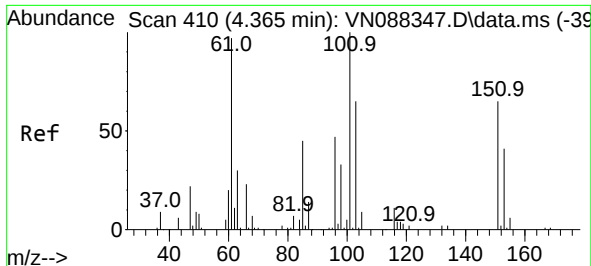
Tgt Ion:101 Resp: 299428
 Ion Ratio Lower Upper
 101 100
 103 61.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 55.162 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088514.D
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Tgt Ion: 74 Resp: 118450
 Ion Ratio Lower Upper
 74 100
 45 114.2 54.2 162.6

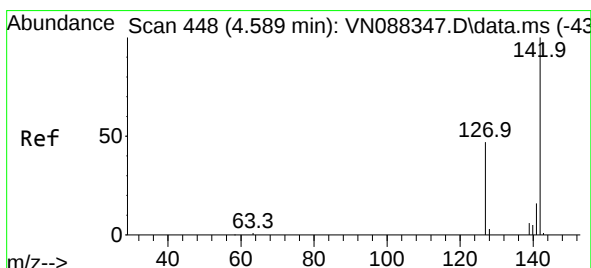
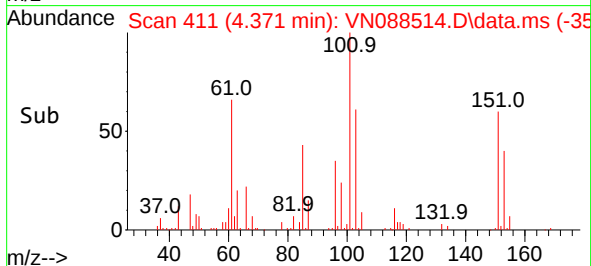
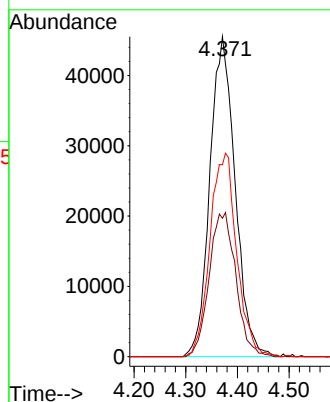
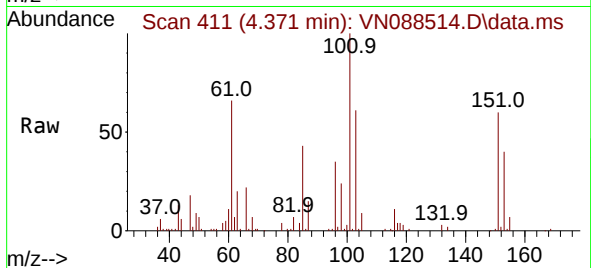




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.826 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

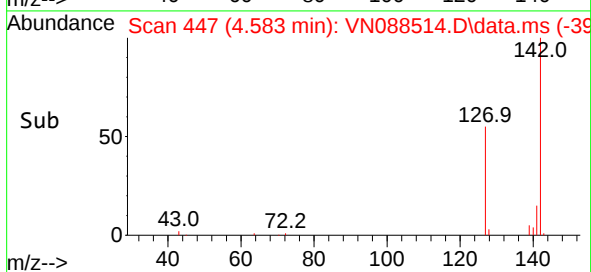
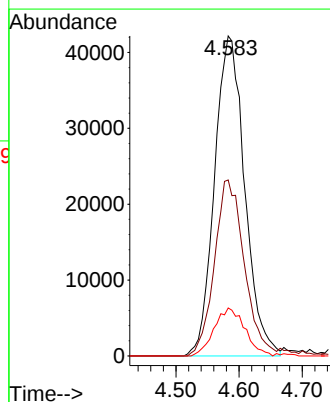
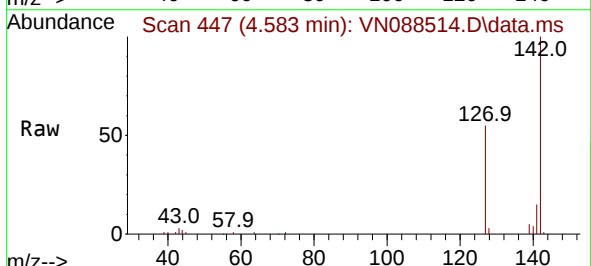
Instrument :
MSVOA_N
ClientSampleId :

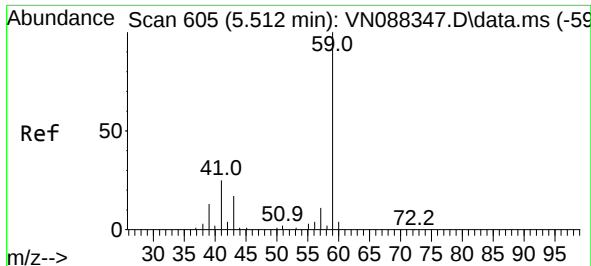
Tgt Ion:101 Resp: 154801
Ion Ratio Lower Upper
101 100
85 47.6 39.2 58.8
151 67.2 53.6 80.4



#10
Methyl Iodide
Concen: 46.415 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion:142 Resp: 139944
Ion Ratio Lower Upper
142 100
127 55.0 37.9 56.9
141 15.0 12.4 18.6

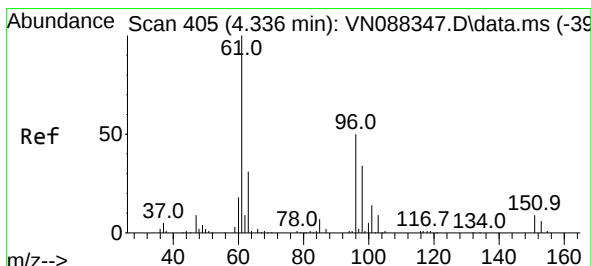
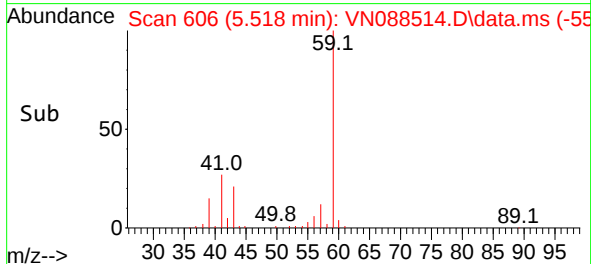
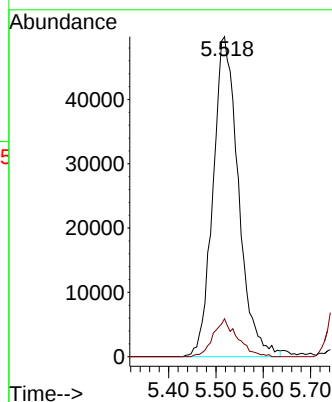
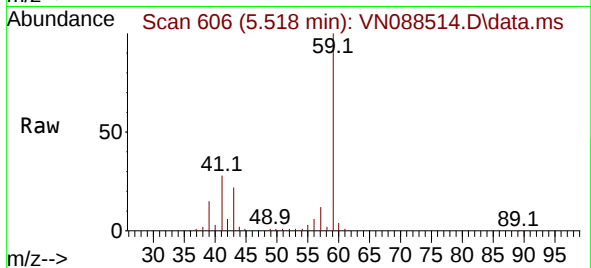




#11
Tert butyl alcohol
Concen: 248.855 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

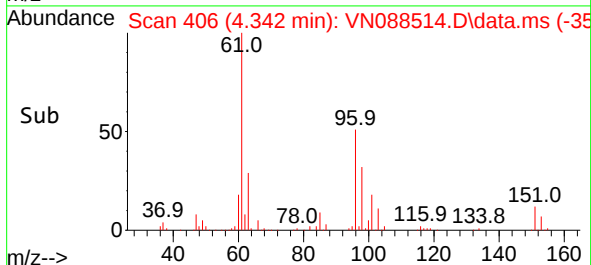
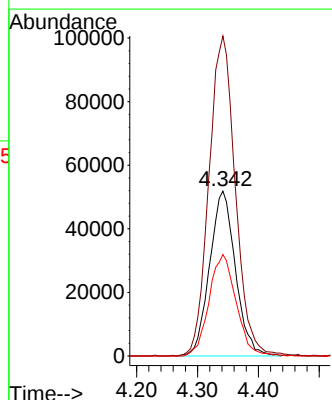
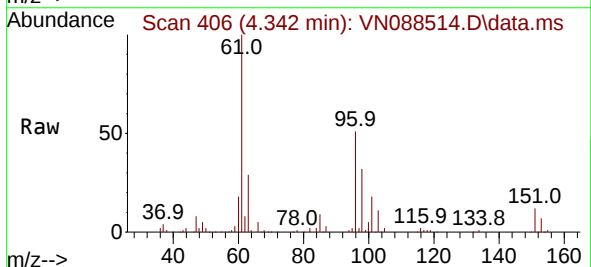
Instrument :
MSVOA_N
ClientSampleId :

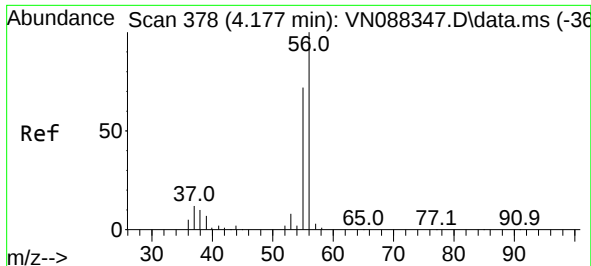
Tgt Ion: 59 Resp: 185641
Ion Ratio Lower Upper
59 100
57 11.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 50.553 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 96 Resp: 152974
Ion Ratio Lower Upper
96 100
61 193.7 159.1 238.7
98 61.6 53.7 80.5

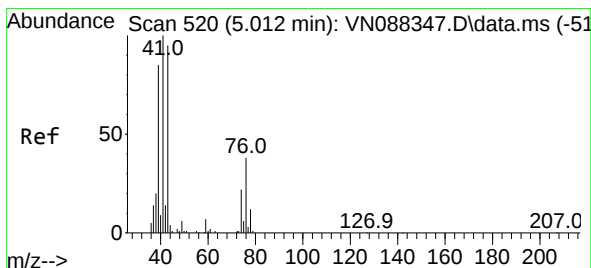
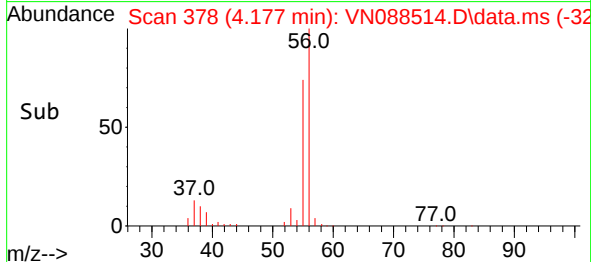
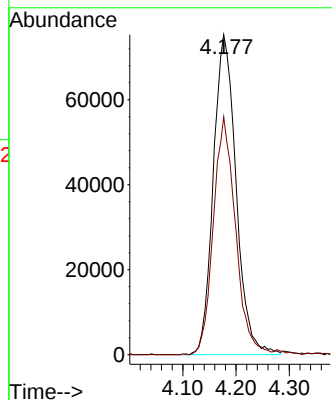
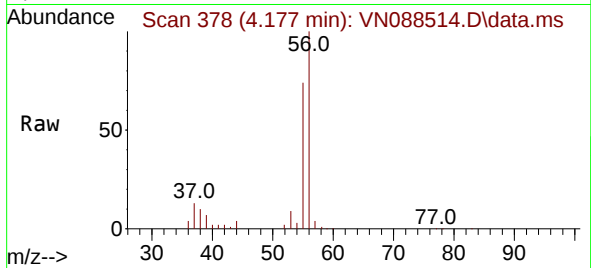




#13
Acrolein
Concen: 312.858 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

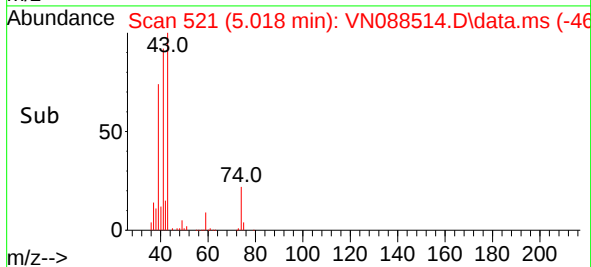
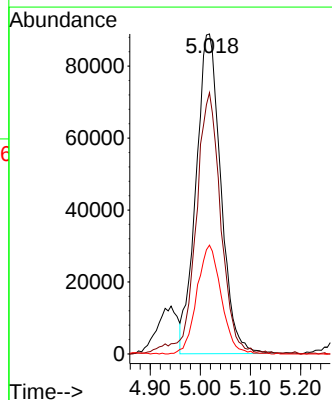
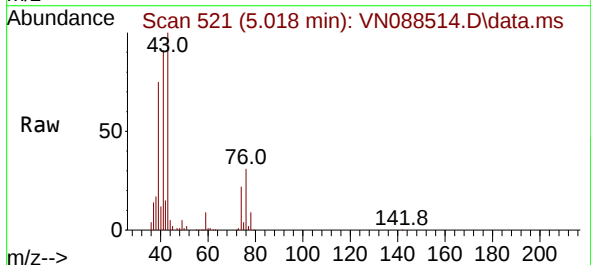
Instrument :
MSVOA_N
ClientSampleId :

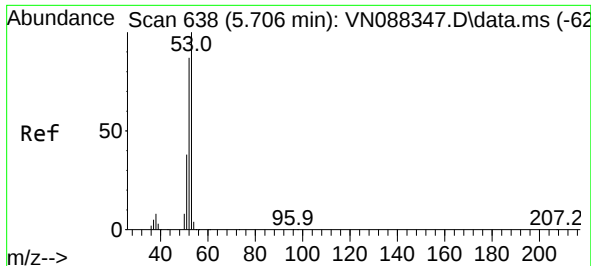
Tgt Ion: 56 Resp: 223439
Ion Ratio Lower Upper
56 100
55 72.3 56.3 84.5



#14
Allyl chloride
Concen: 54.485 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

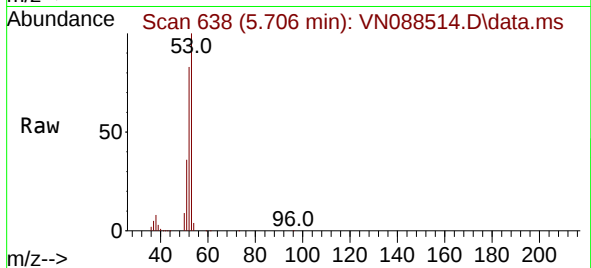
Tgt Ion: 41 Resp: 305593
Ion Ratio Lower Upper
41 100
39 81.8 64.7 97.1
76 33.4 29.1 43.7





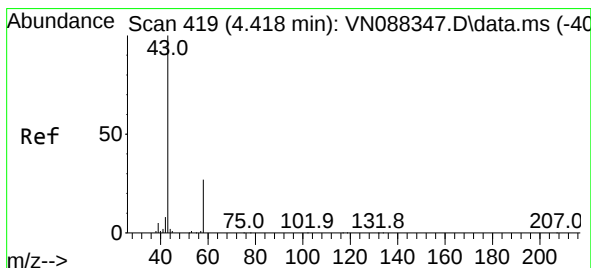
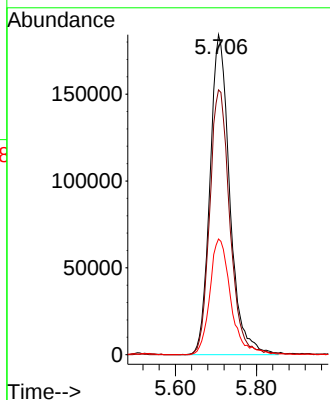
#15
Acrylonitrile
Concen: 290.386 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 624998

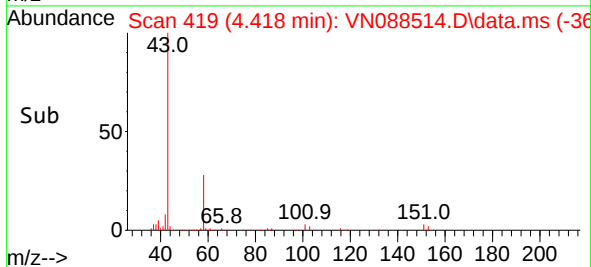
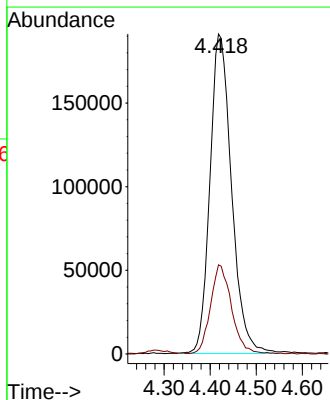
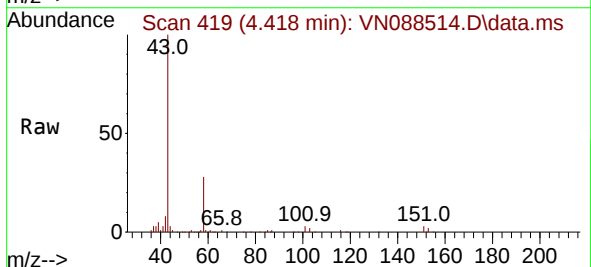
Ion	Ratio	Lower	Upper
53	100		
52	84.1	67.8	101.6
51	38.3	29.8	44.8

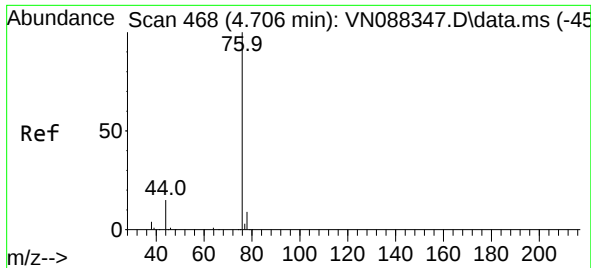


#16
Acetone
Concen: 368.363 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 43 Resp: 622457

Ion	Ratio	Lower	Upper
43	100		
58	27.7	21.7	32.5

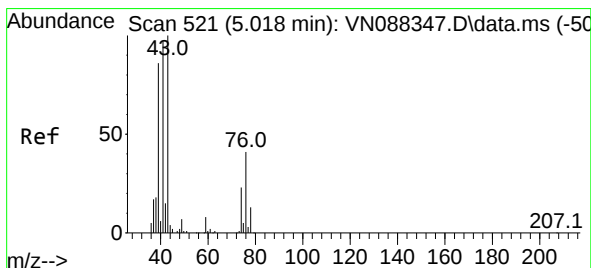
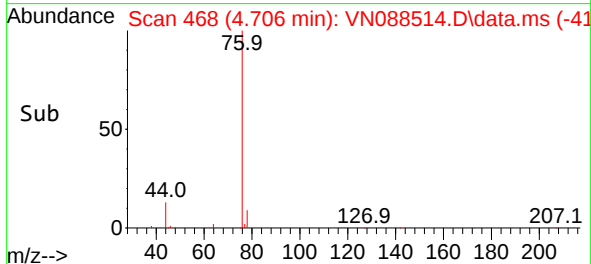
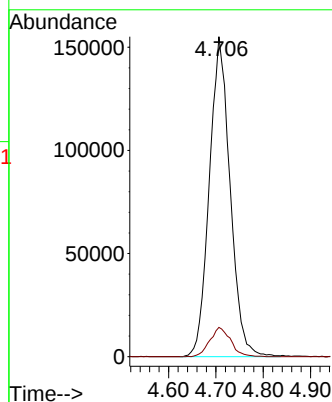
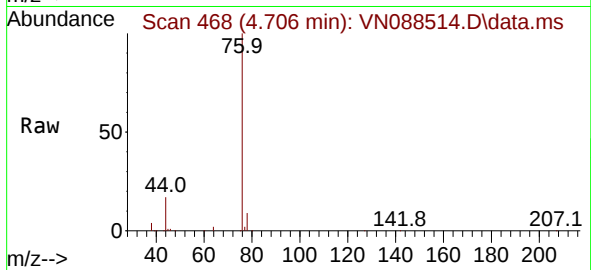




#17
Carbon Disulfide
Concen: 47.770 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

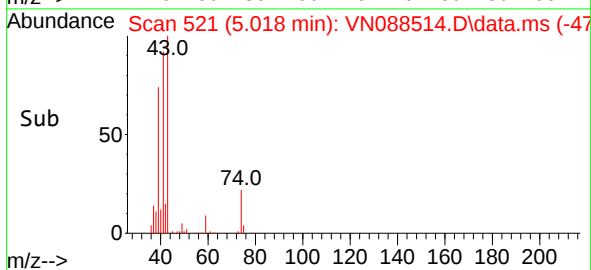
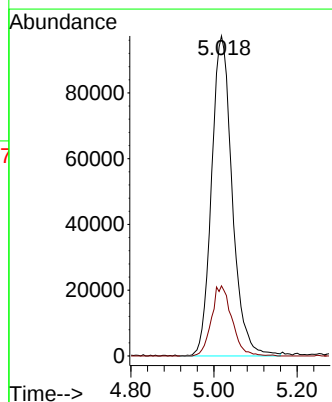
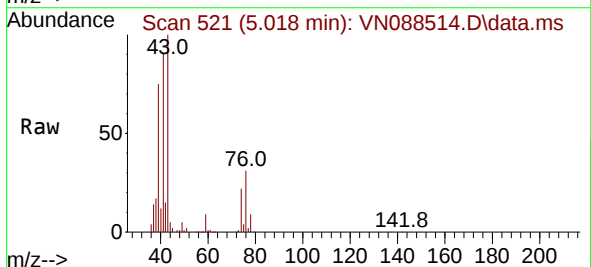
Instrument :
MSVOA_N
ClientSampleId :

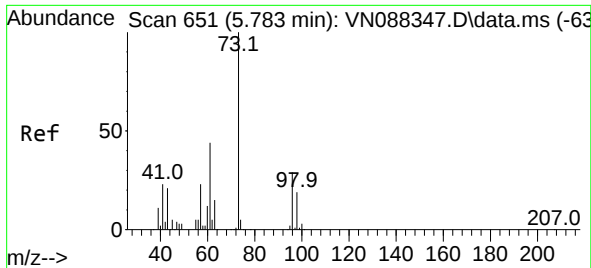
Tgt Ion: 76 Resp: 472366
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 66.759 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 43 Resp: 335797
Ion Ratio Lower Upper
43 100
74 21.6 17.9 26.9

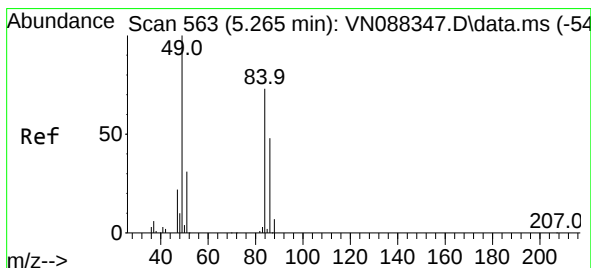
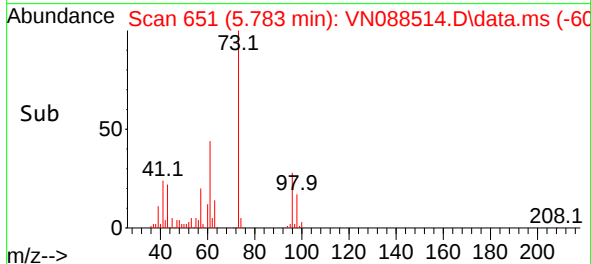
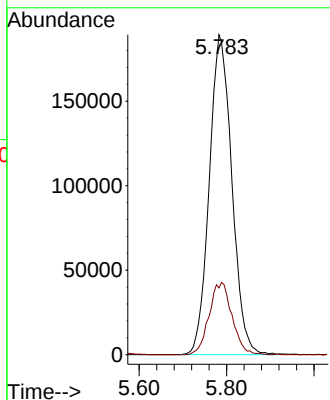
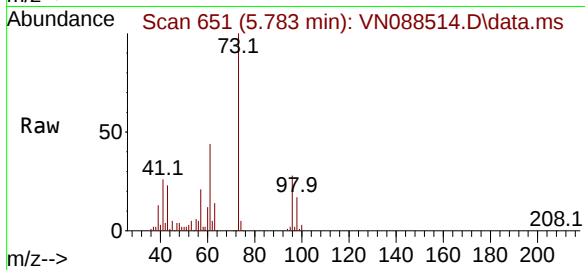




#19
Methyl tert-butyl Ether
Concen: 59.904 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

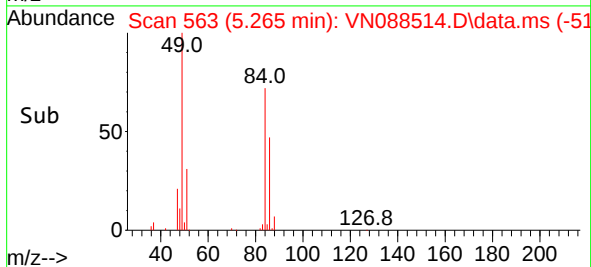
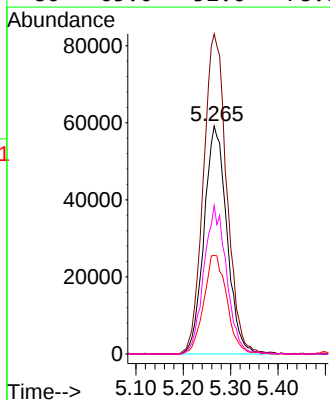
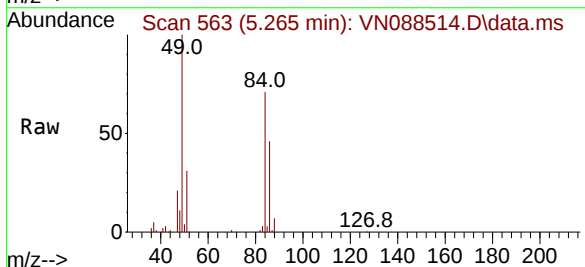
Instrument :
MSVOA_N
ClientSampleId :

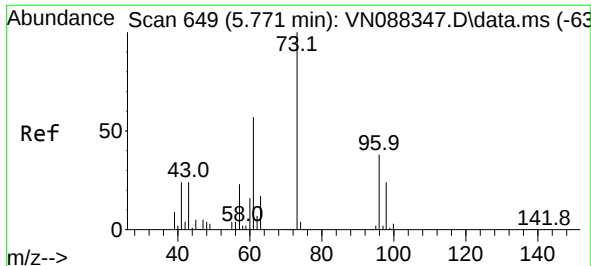
Tgt Ion: 73 Resp: 679153
Ion Ratio Lower Upper
73 100
57 20.9 18.6 28.0



#20
Methylene Chloride
Concen: 54.777 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 84 Resp: 198036
Ion Ratio Lower Upper
84 100
49 140.3 110.2 165.2
51 43.2 34.1 51.1
86 65.0 52.6 78.8

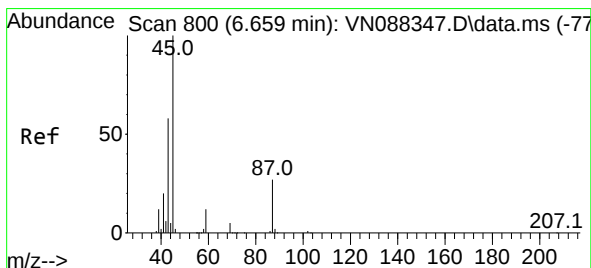
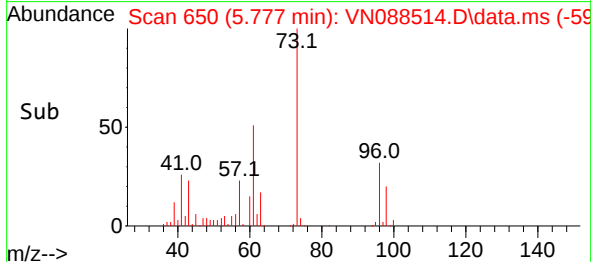
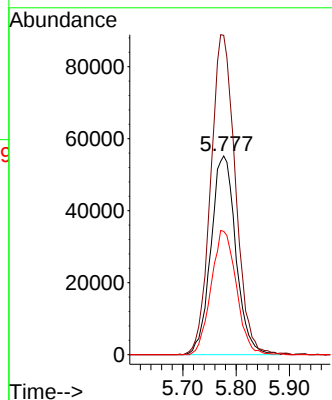
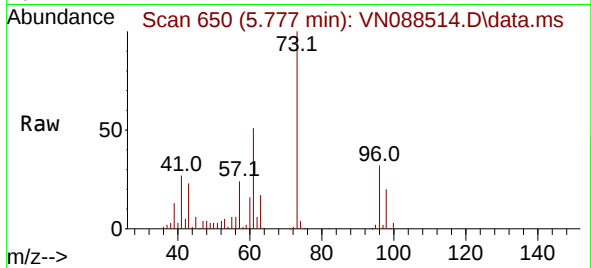




#21
trans-1,2-Dichloroethene
Concen: 53.513 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

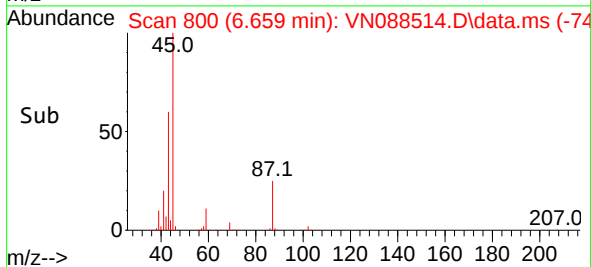
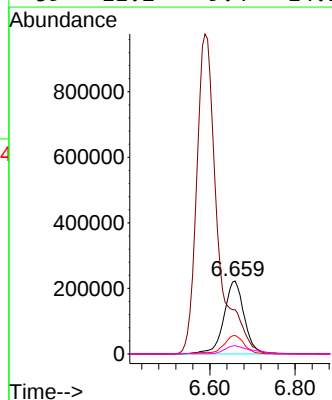
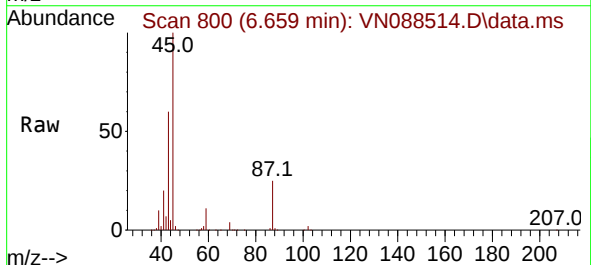
Instrument :
MSVOA_N
ClientSampleId :

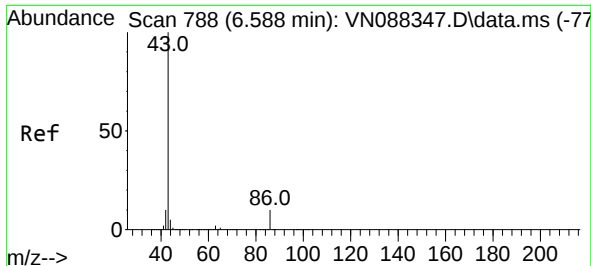
Tgt Ion: 96 Resp: 179381
Ion Ratio Lower Upper
96 100
61 160.3 122.4 183.6
98 62.0 50.9 76.3



#22
Diisopropyl ether
Concen: 61.242 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 45 Resp: 733329
Ion Ratio Lower Upper
45 100
43 59.6 47.4 71.2
87 25.4 21.9 32.9
59 11.2 9.4 14.2

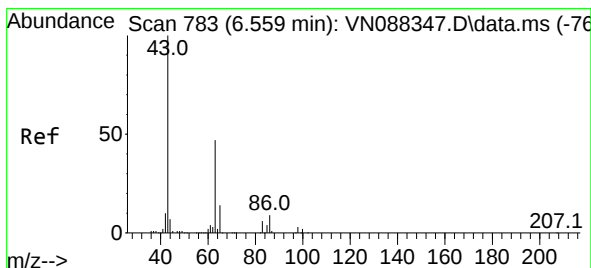
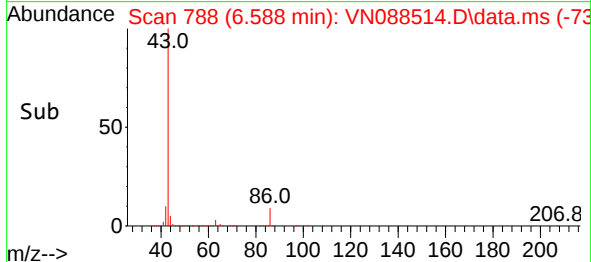
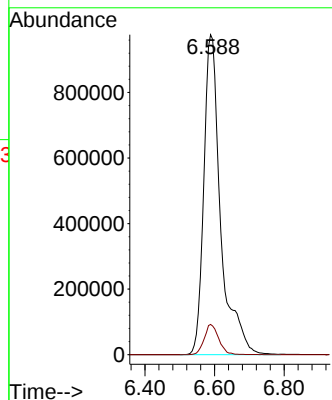
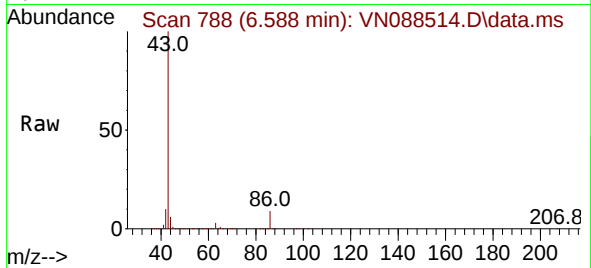




#23
 Vinyl Acetate
 Concen: 340.273 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

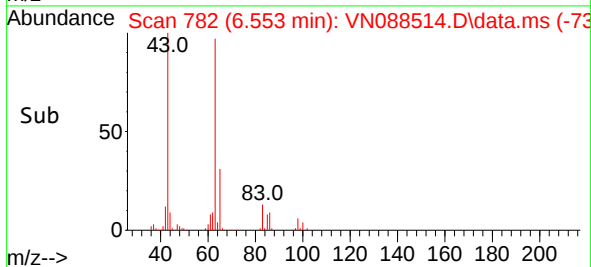
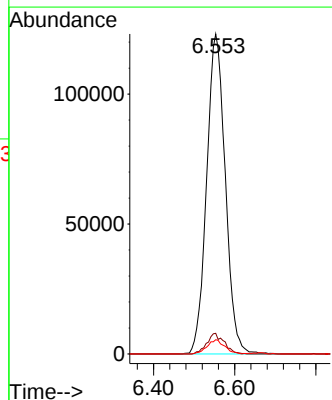
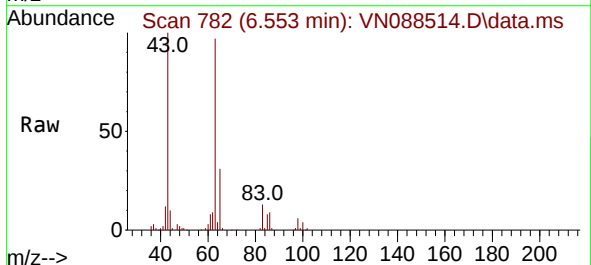
Instrument :
 MSVOA_N
 ClientSampleId :

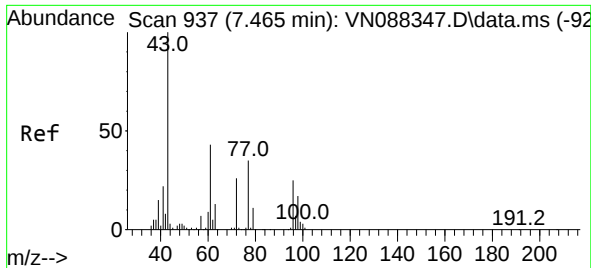
Tgt Ion: 43 Resp: 3282780
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 57.913 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

Tgt Ion: 63 Resp: 392711
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.5 1.9 5.7

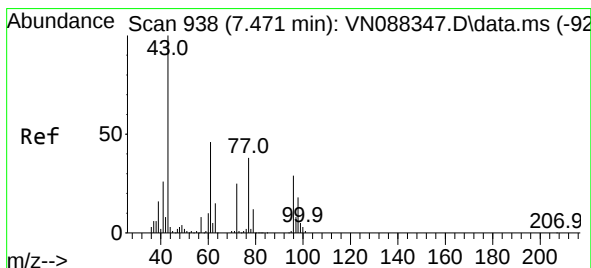
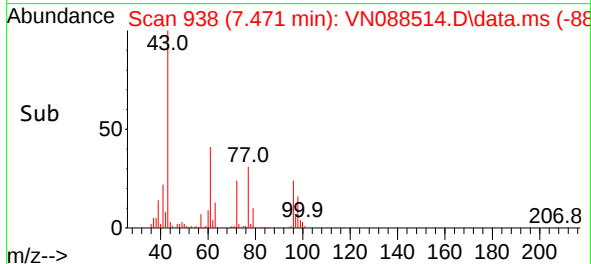
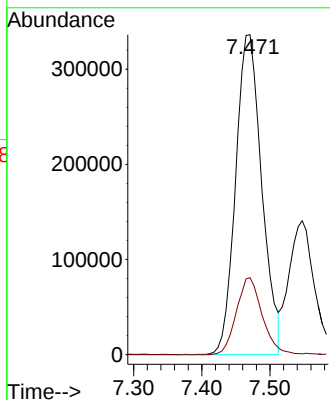
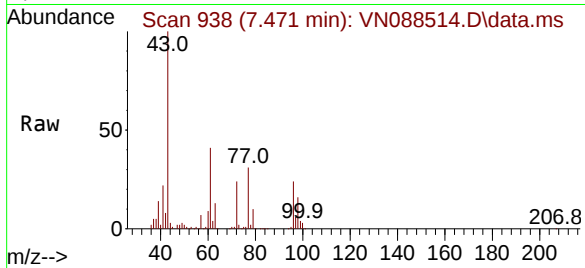




#25
2-Butanone
Concen: 329.928 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

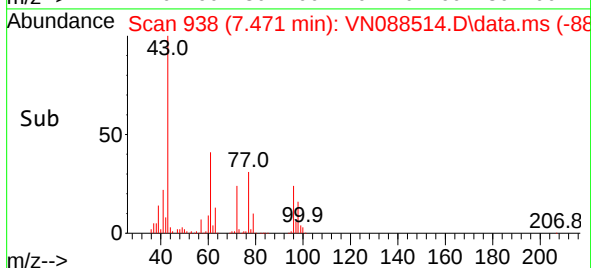
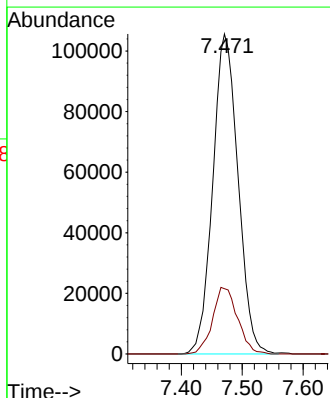
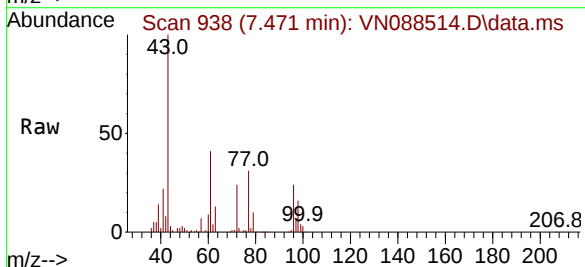
Instrument :
MSVOA_N
ClientSampleId :

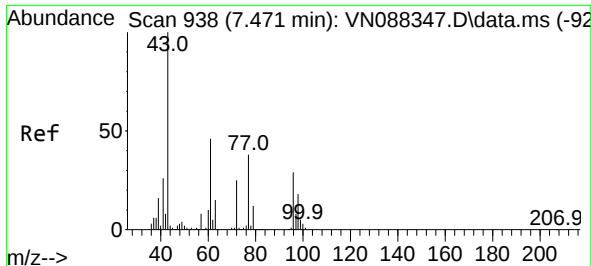
Tgt Ion: 43 Resp: 896263
Ion Ratio Lower Upper
43 100
72 24.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 52.029 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

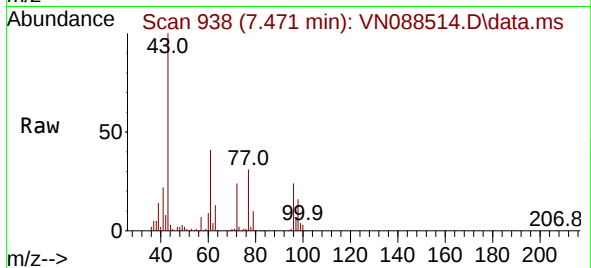
Tgt Ion: 77 Resp: 304534
Ion Ratio Lower Upper
77 100
97 20.5 10.3 30.9



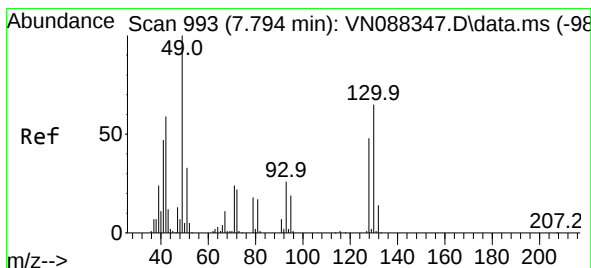
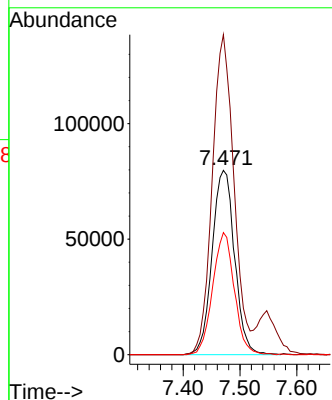
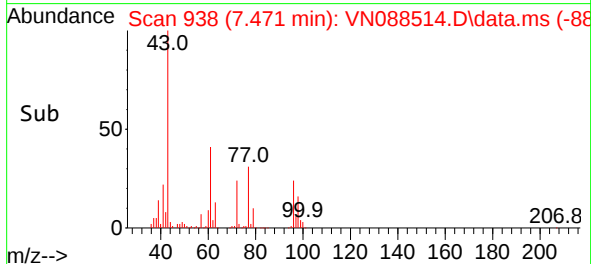


#27
 cis-1,2-Dichloroethene
 Concen: 56.219 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

Instrument :
 MSVOA_N
 ClientSampleId :

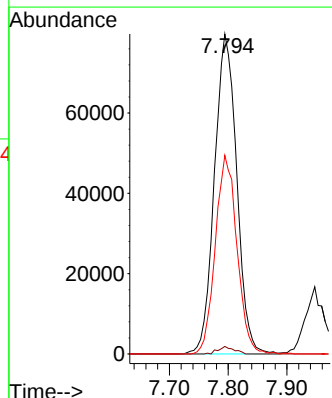
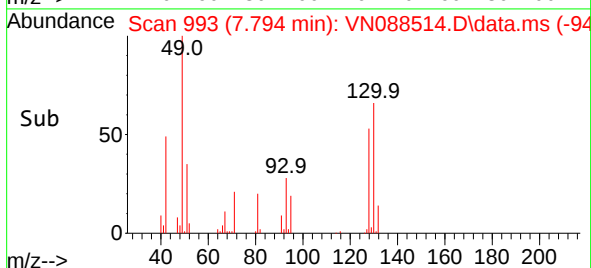
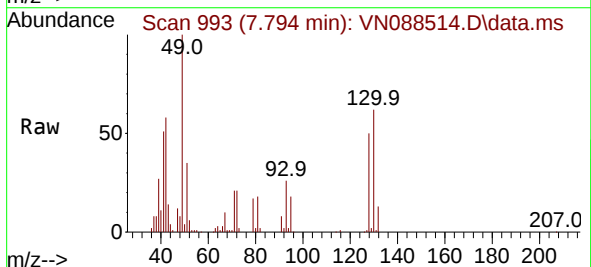


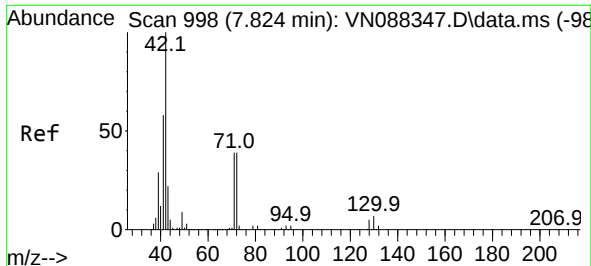
Tgt Ion: 96 Resp: 219012
 Ion Ratio Lower Upper
 96 100
 61 166.8 0.0 323.6
 98 63.9 0.0 127.2



#28
 Bromochloromethane
 Concen: 62.025 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

Tgt Ion: 49 Resp: 209521
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 60.4 51.1 76.7





#29

Tetrahydrofuran

Concen: 302.728 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

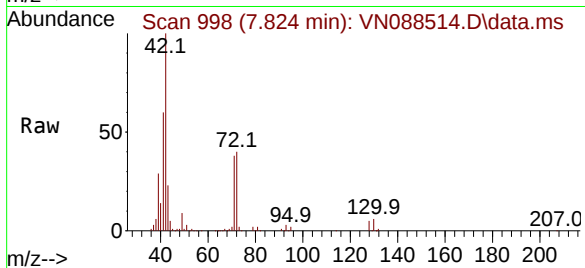
Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

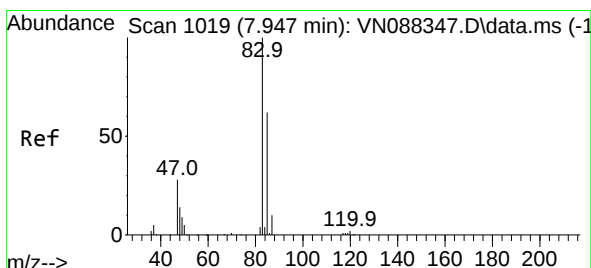
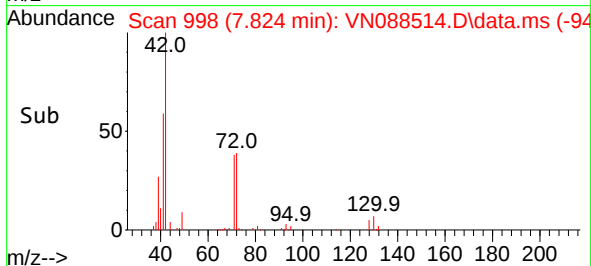
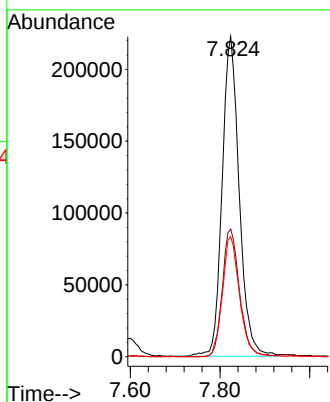
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	589864
Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.2	48.4
71	37.7	31.1	46.7



#30

Chloroform

Concen: 60.710 ug/l

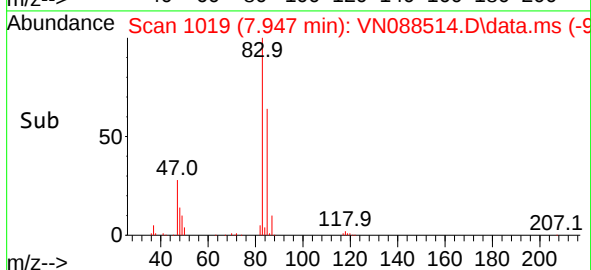
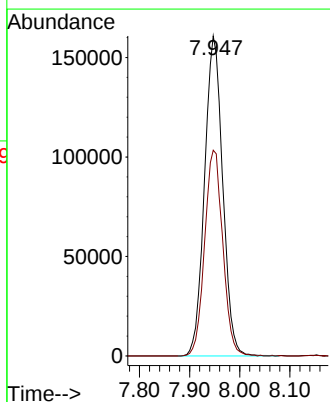
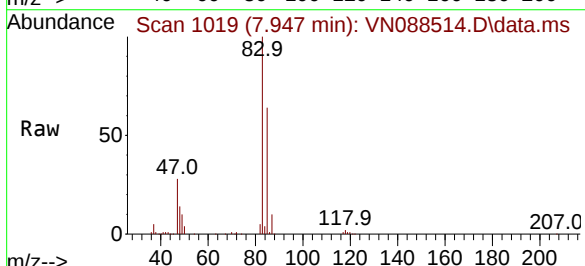
RT: 7.947 min Scan# 1019

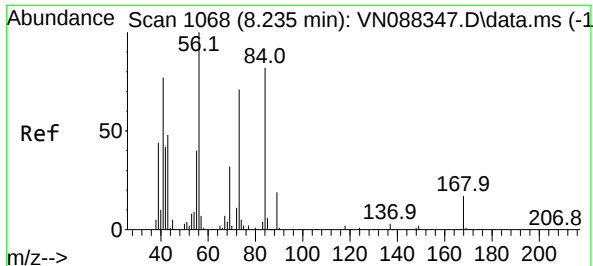
Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

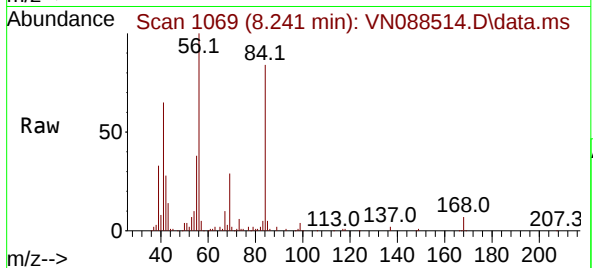
Tgt Ion:	83	Resp:	404519
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.8	74.8



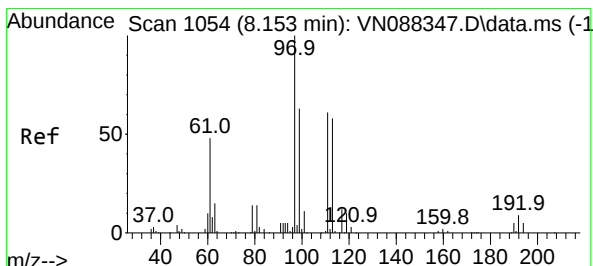
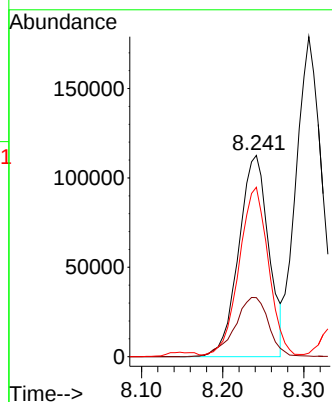
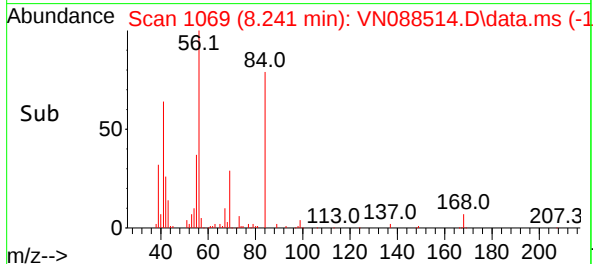


#31
Cyclohexane
Concen: 47.095 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :

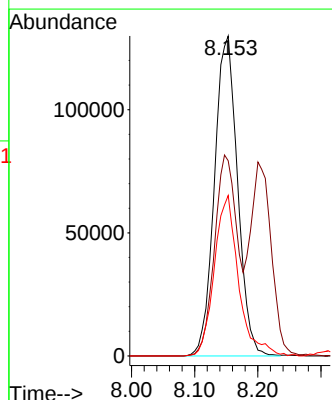
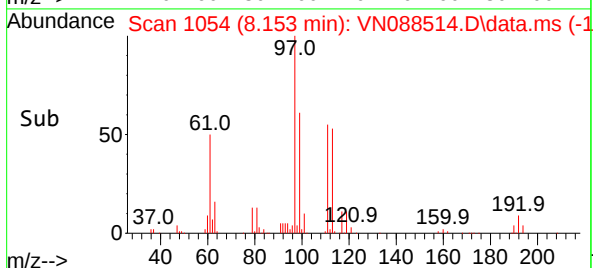
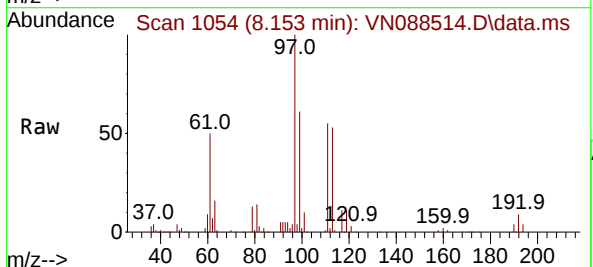


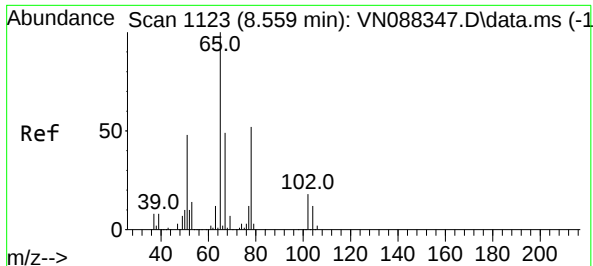
Tgt Ion: 56 Resp: 289398
Ion Ratio Lower Upper
56 100
69 29.4 25.3 37.9
84 81.6 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 56.431 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 97 Resp: 330605
Ion Ratio Lower Upper
97 100
99 61.7 50.8 76.2
61 52.7 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 60.750 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

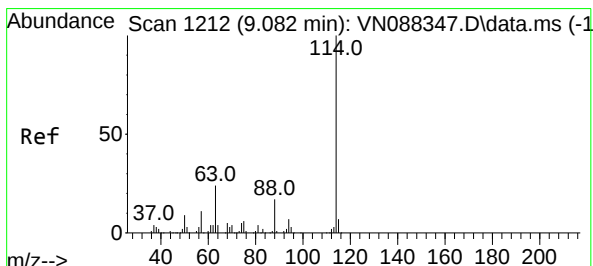
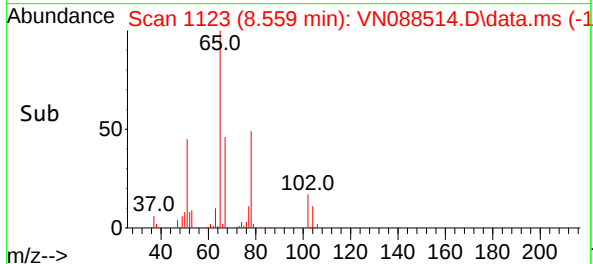
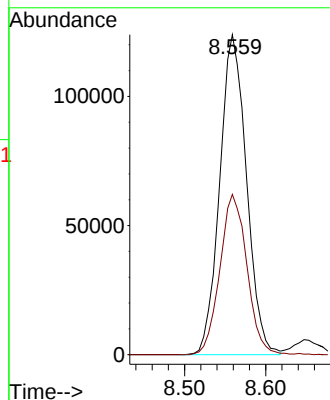
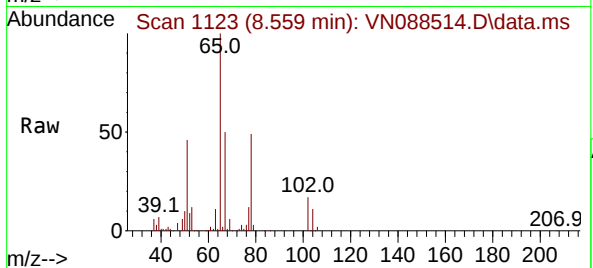
ClientSampleId :

Tgt Ion: 65 Resp: 283852

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

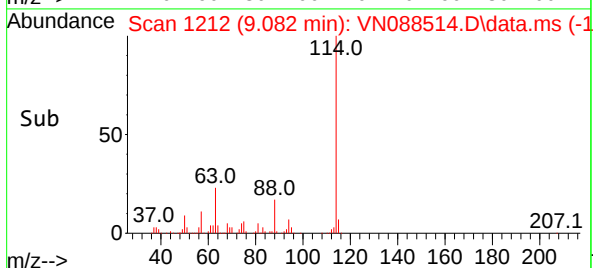
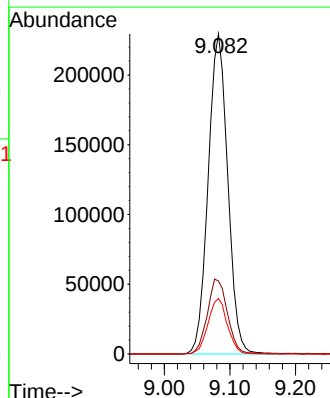
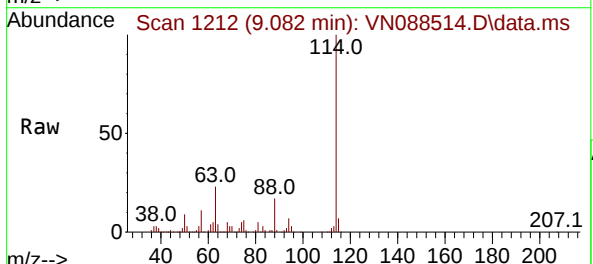
Tgt Ion: 114 Resp: 475472

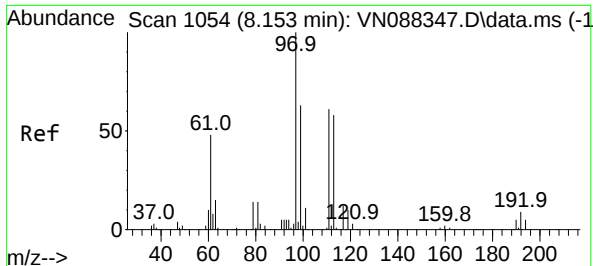
Ion Ratio Lower Upper

114 100

63 22.8 0.0 49.0

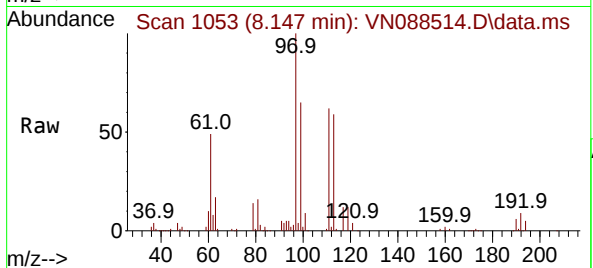
88 17.3 0.0 34.0



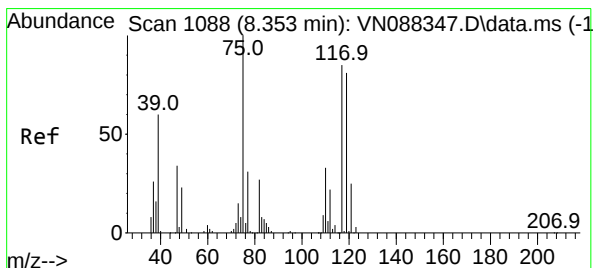
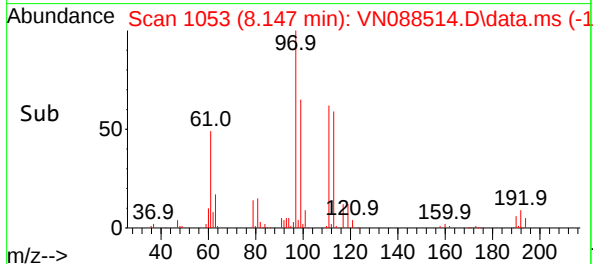
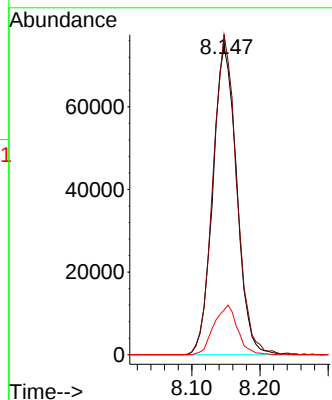


#35
Dibromofluoromethane
Concen: 55.214 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :

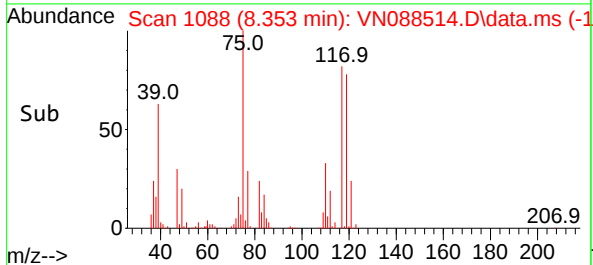
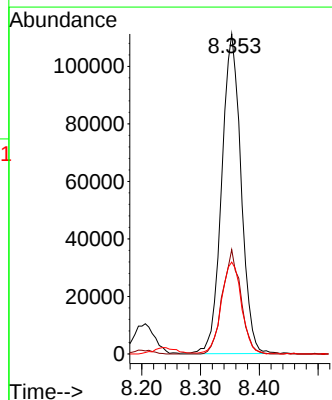
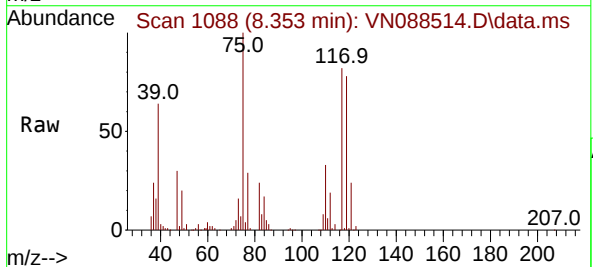


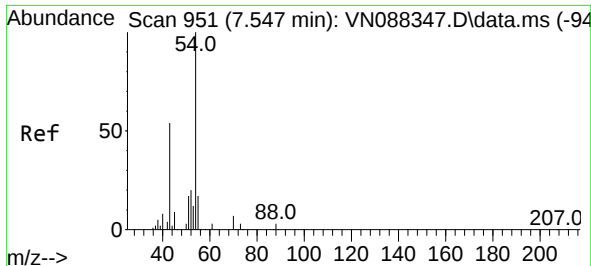
Tgt Ion:113 Resp: 181930
Ion Ratio Lower Upper
113 100
111 102.7 82.5 123.7
192 15.8 12.8 19.2



#36
1,1-Dichloropropene
Concen: 49.899 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 75 Resp: 253748
Ion Ratio Lower Upper
75 100
110 31.1 15.8 47.4
77 30.2 24.2 36.2

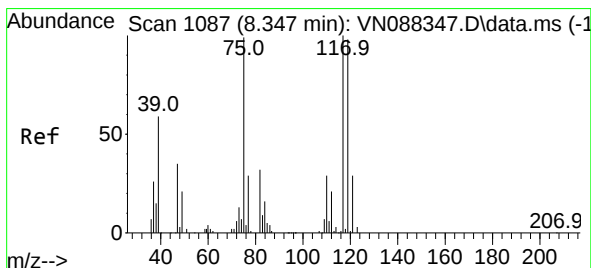
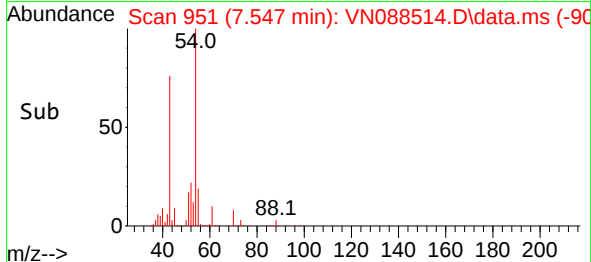
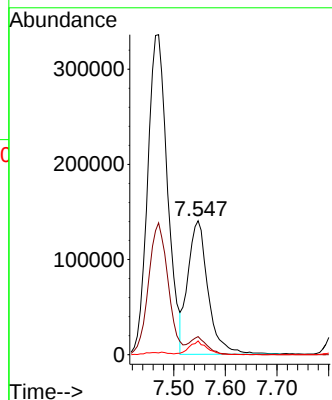
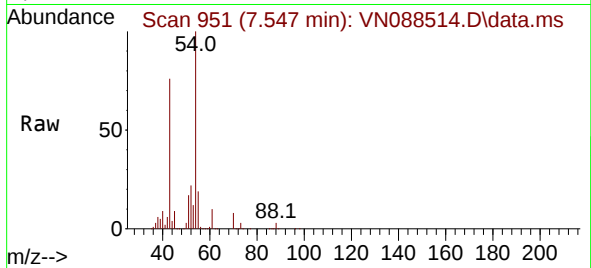




#37
Ethyl Acetate
Concen: 56.978 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

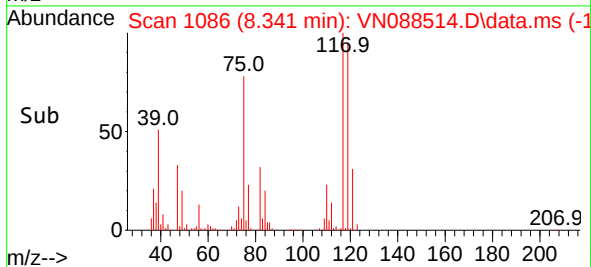
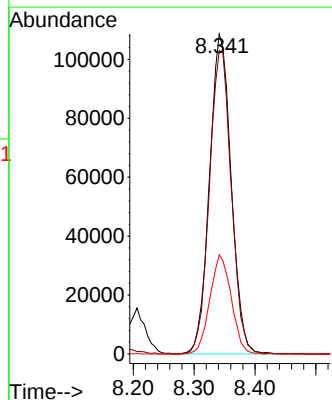
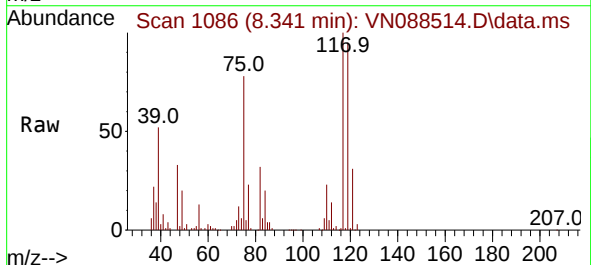
Instrument :
MSVOA_N
ClientSampleId :

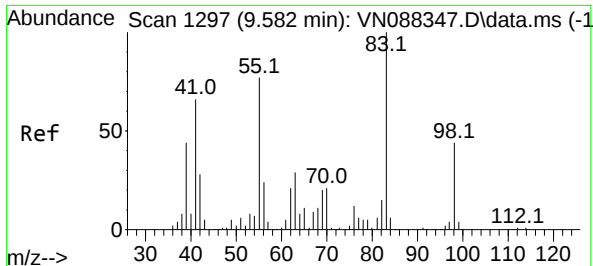
Tgt Ion: 43 Resp: 380984
Ion Ratio Lower Upper
43 100
61 11.4 9.5 14.3
70 8.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.048 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 117 Resp: 268546
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4
121 31.0 23.4 35.2





#39

Methylcyclohexane

Concen: 44.892 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

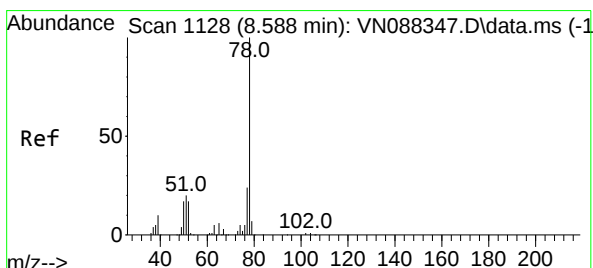
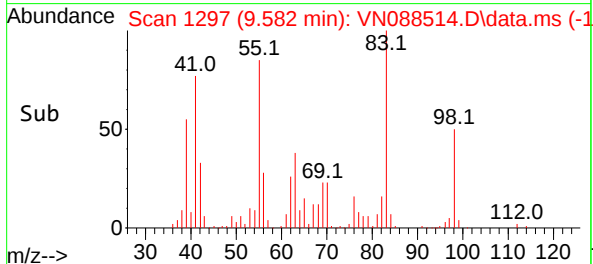
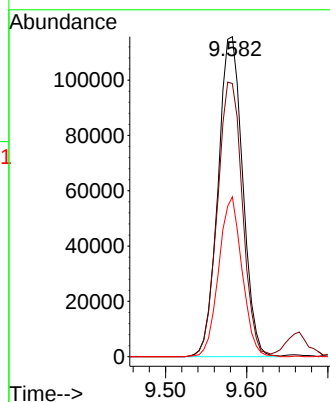
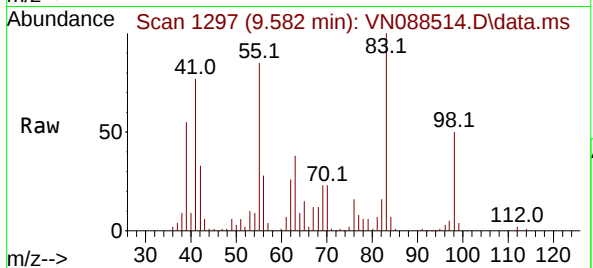
Tgt Ion: 83 Resp: 244183

Ion Ratio Lower Upper

83 100

55 85.3 61.6 92.4

98 49.9 35.3 52.9



#40

Benzene

Concen: 53.224 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088514.D

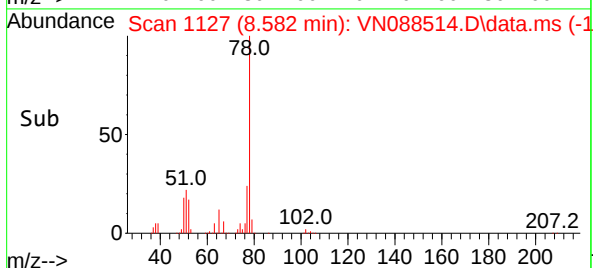
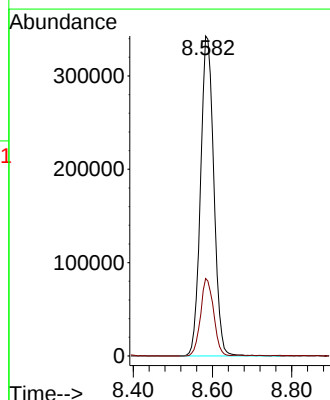
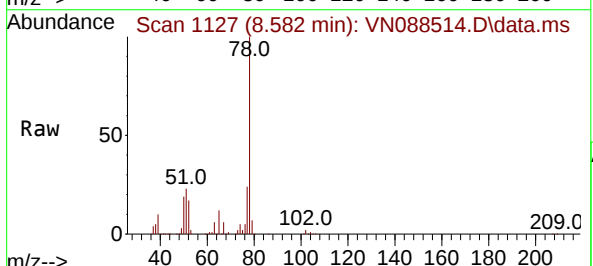
Acq: 10 Dec 2025 19:59

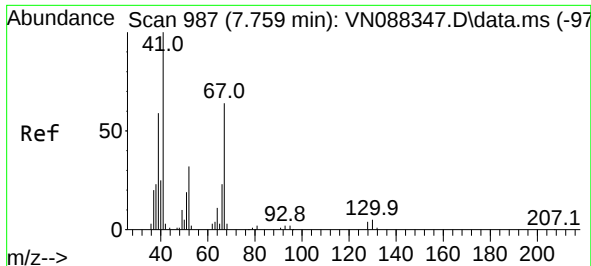
Tgt Ion: 78 Resp: 794373

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4



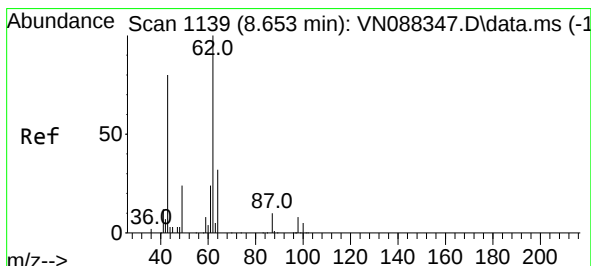
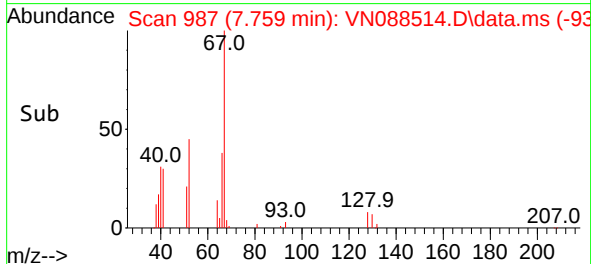
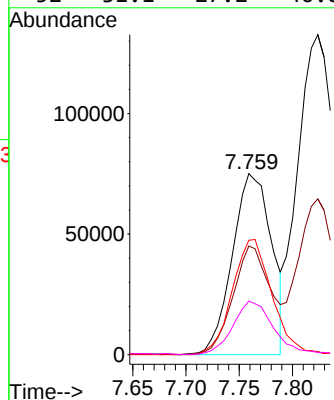
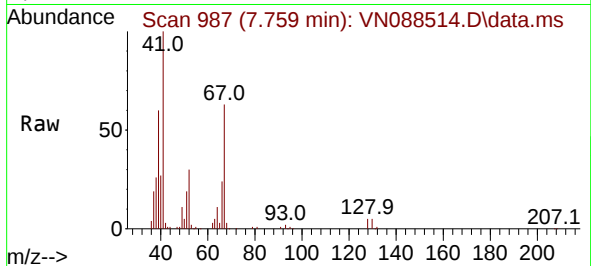


#41
Methacrylonitrile
Concen: 58.101 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 192417

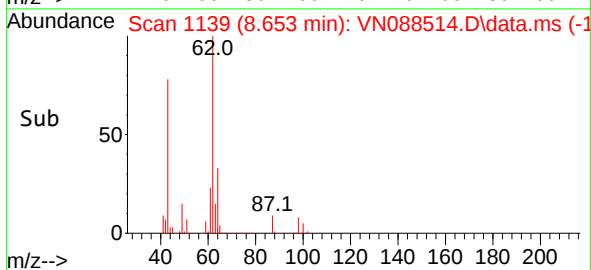
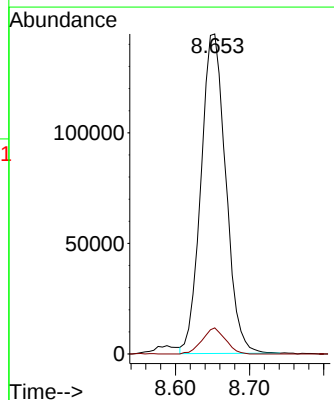
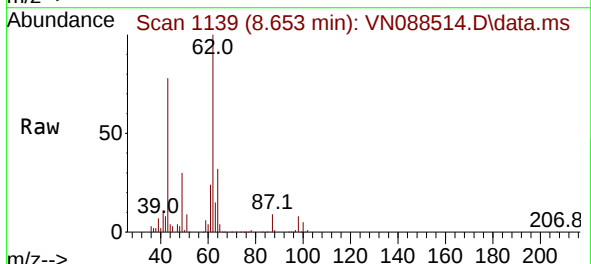
Ion	Ratio	Lower	Upper
41	100		
39	57.6	46.3	69.5
67	64.7	54.7	82.1
52	31.1	27.2	40.8

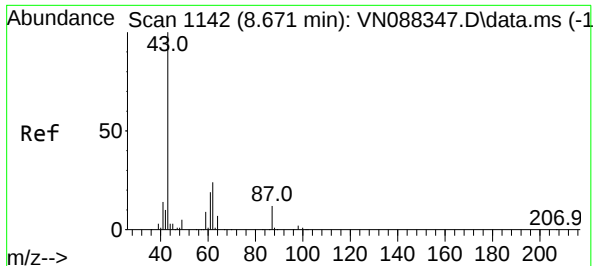


#42
1,2-Dichloroethane
Concen: 59.032 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 62 Resp: 336150

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.2

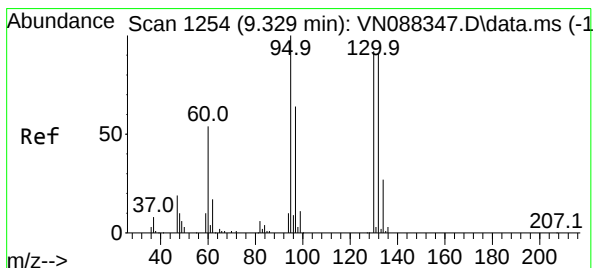
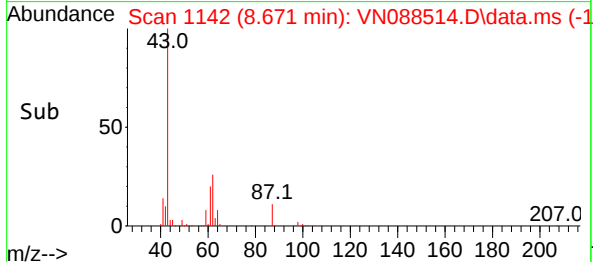
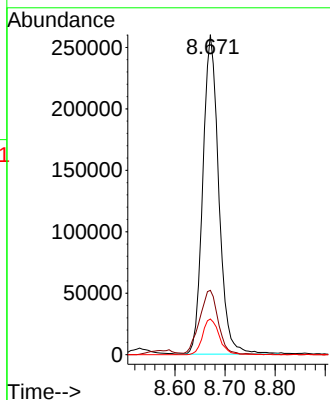
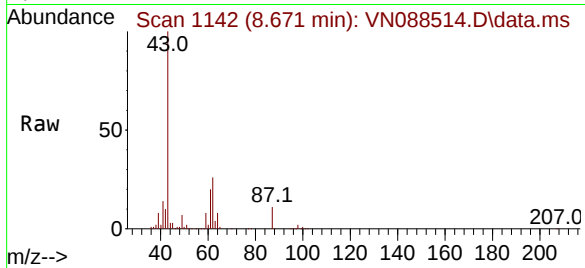




#43
Isopropyl Acetate
Concen: 56.229 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

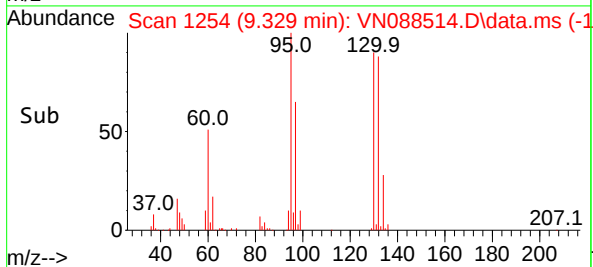
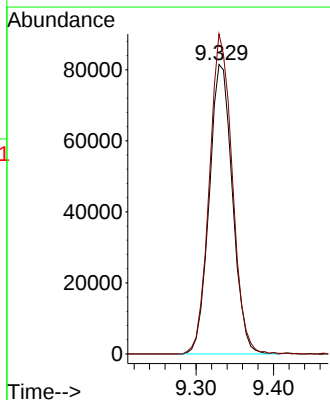
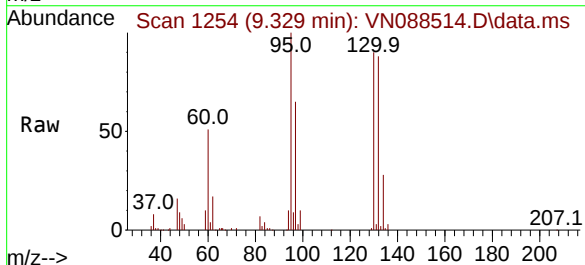
Instrument :
MSVOA_N
ClientSampleId :

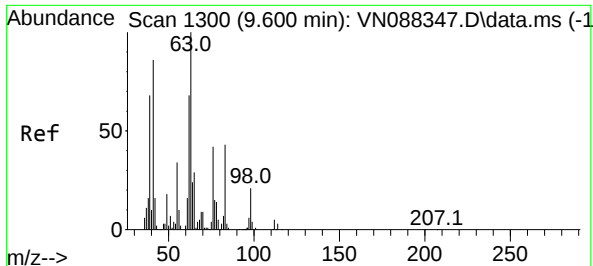
Tgt Ion: 43 Resp: 574441
Ion Ratio Lower Upper
43 100
61 22.9 18.7 28.1
87 11.7 9.1 13.7



#44
Trichloroethene
Concen: 48.130 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion:130 Resp: 169736
Ion Ratio Lower Upper
130 100
95 110.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 56.520 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

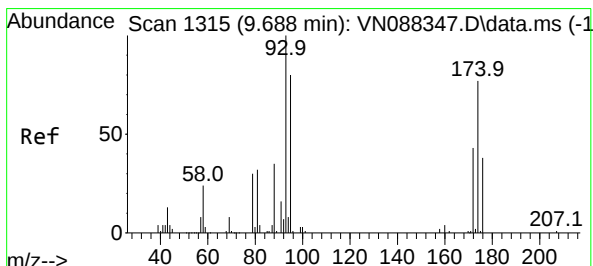
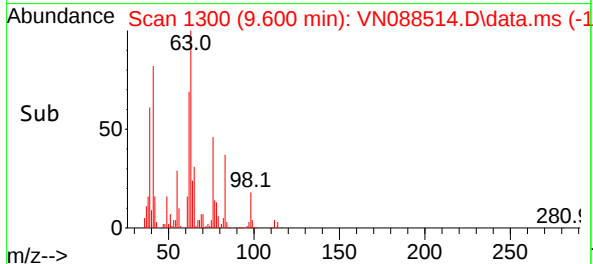
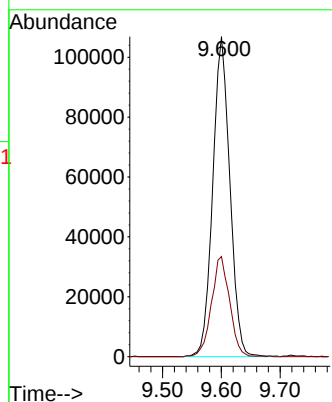
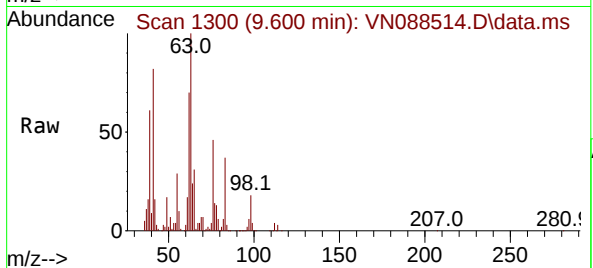
ClientSampleId :

Tgt Ion: 63 Resp: 216131

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.4



#46

Dibromomethane

Concen: 56.684 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

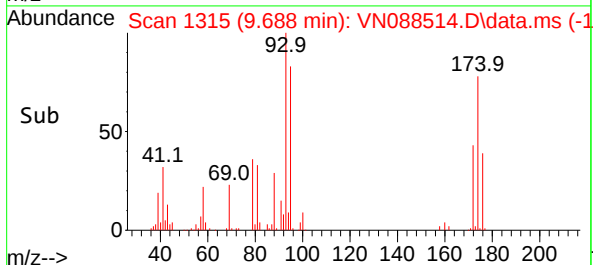
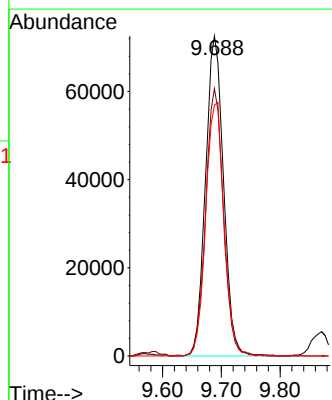
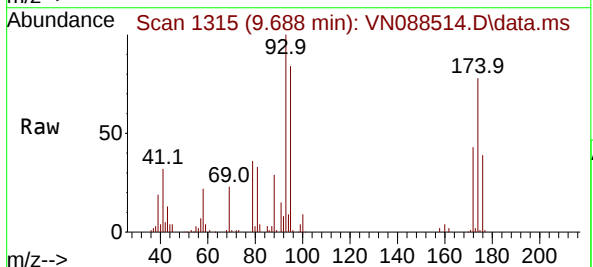
Tgt Ion: 93 Resp: 154691

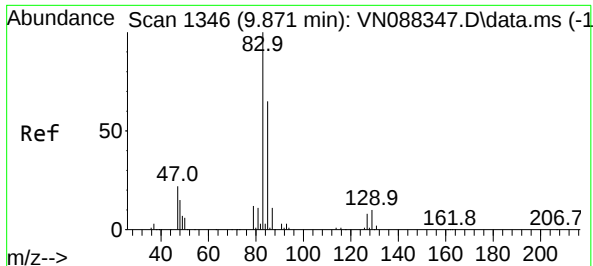
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 80.3 64.3 96.5





#47

Bromodichloromethane

Concen: 57.681 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

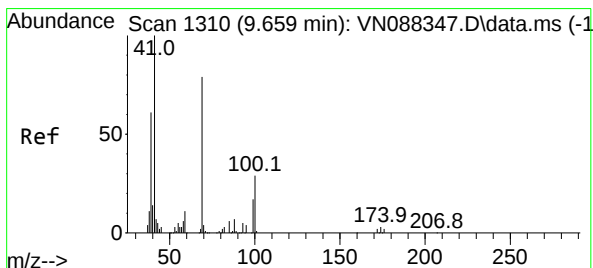
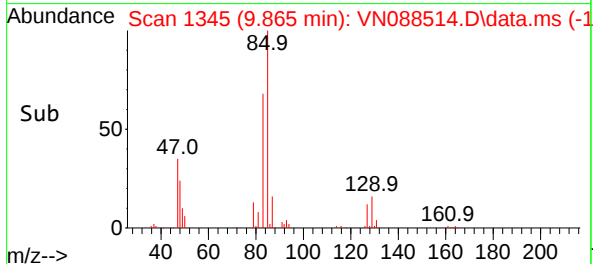
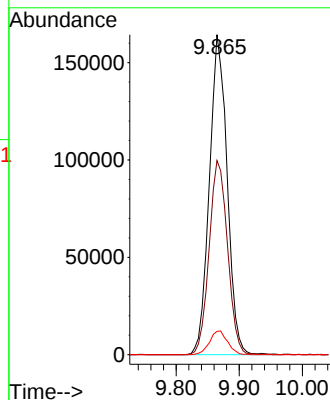
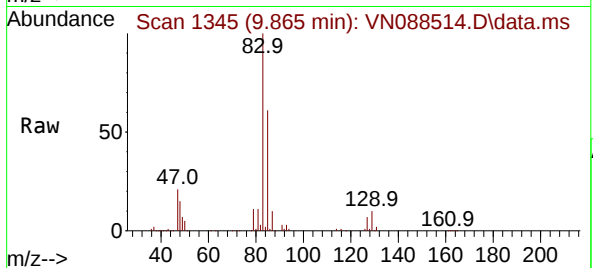
Tgt Ion: 83 Resp: 321183

Ion Ratio Lower Upper

83 100

85 60.7 51.9 77.9

127 7.3 6.3 9.5



#48

Methyl methacrylate

Concen: 59.156 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

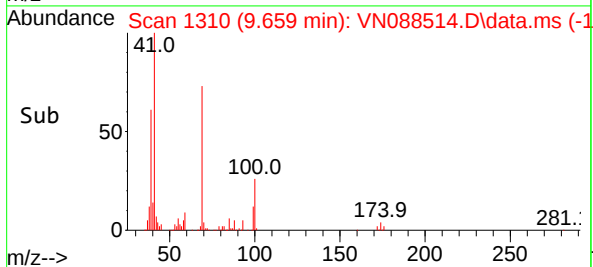
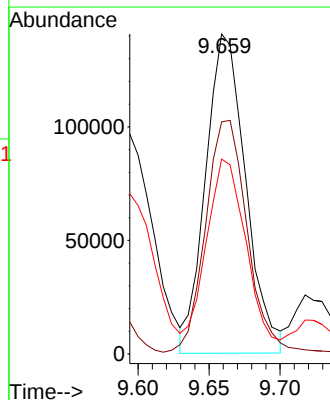
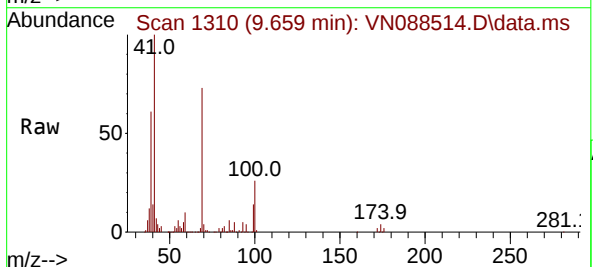
Tgt Ion: 41 Resp: 275745

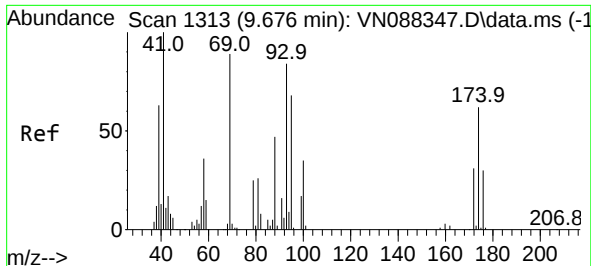
Ion Ratio Lower Upper

41 100

69 76.5 62.4 93.6

39 62.0 52.6 79.0





#49

1,4-Dioxane

Concen: 946.012 ug/l

RT: 9.677 min Scan# 11

Delta R.T. 0.000 min

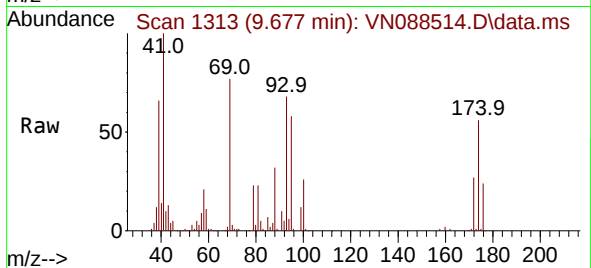
Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :



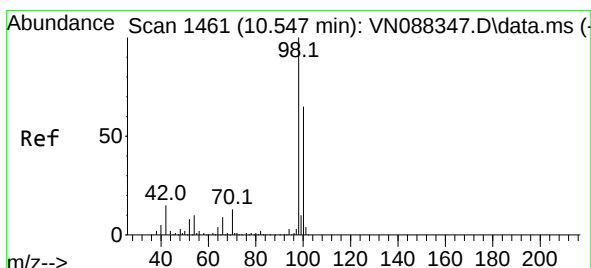
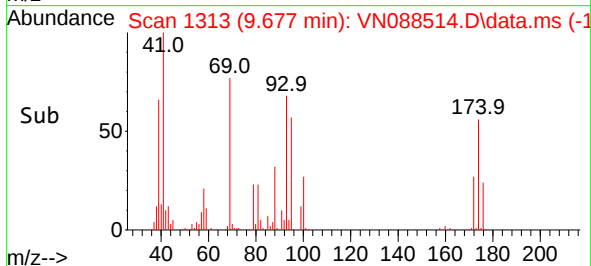
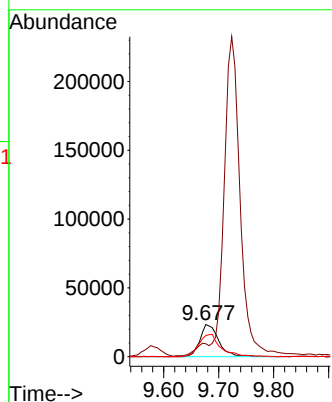
Tgt Ion: 88 Resp: 56079

Ion Ratio Lower Upper

88 100

43 29.3 0.0 0.0#

58 79.2 62.0 93.0



#50

Toluene-d8

Concen: 52.888 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088514.D

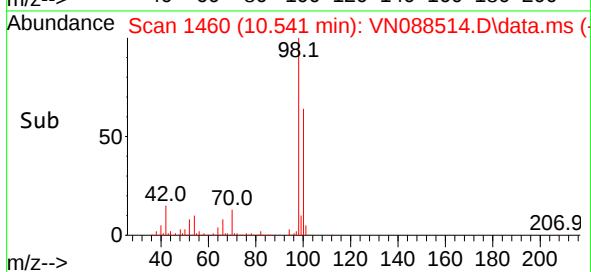
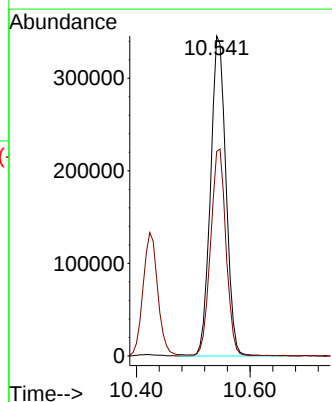
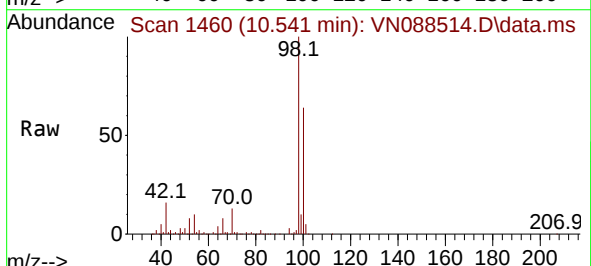
Acq: 10 Dec 2025 19:59

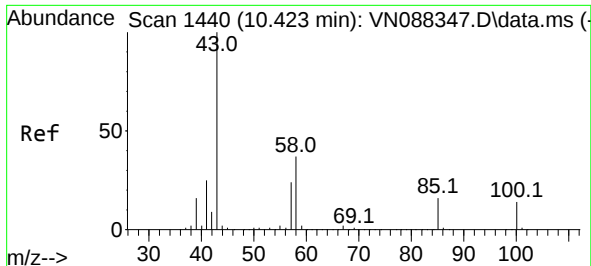
Tgt Ion: 98 Resp: 648407

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2

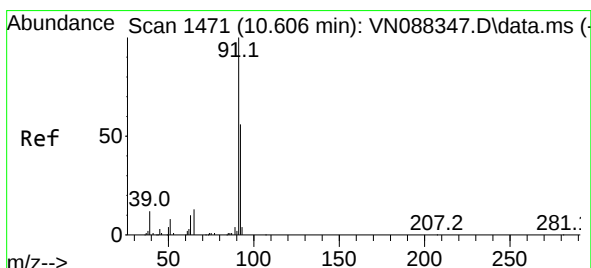
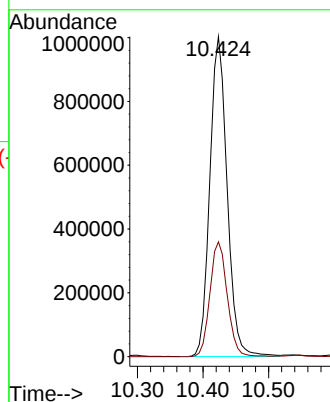
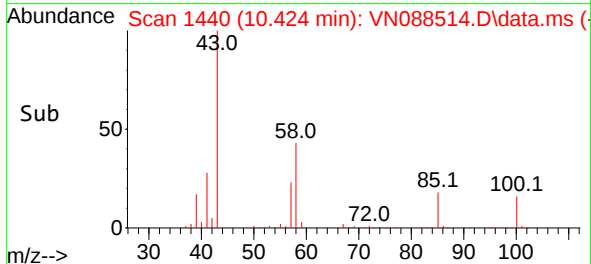
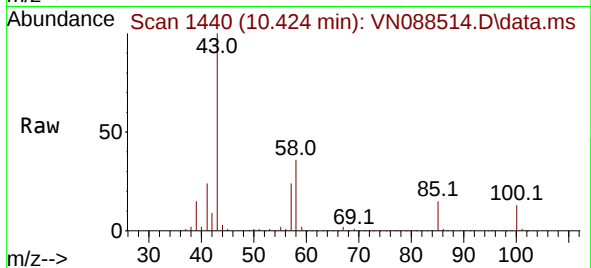




#51
4-Methyl-2-Pentanone
Concen: 305.462 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

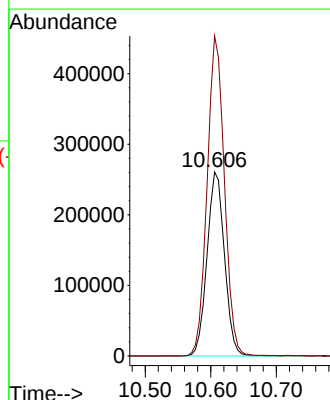
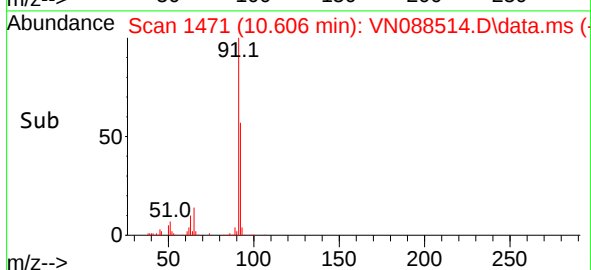
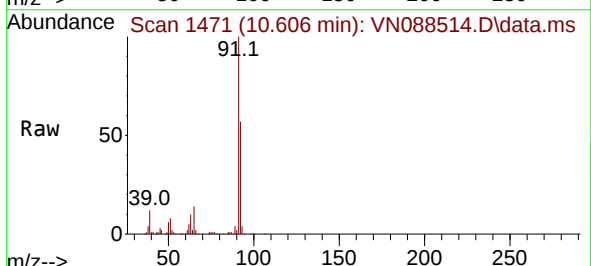
Instrument :
MSVOA_N
ClientSampleId :

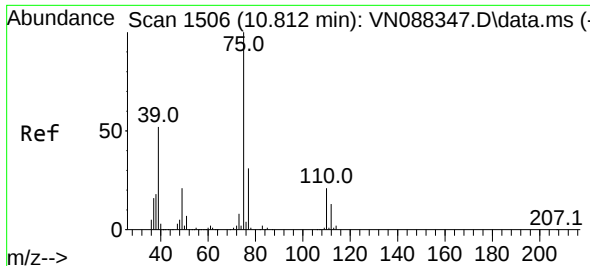
Tgt Ion: 43 Resp: 1839403
Ion Ratio Lower Upper
43 100
58 36.0 29.1 43.7



#52
Toluene
Concen: 55.894 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 92 Resp: 481701
Ion Ratio Lower Upper
92 100
91 172.5 140.2 210.2

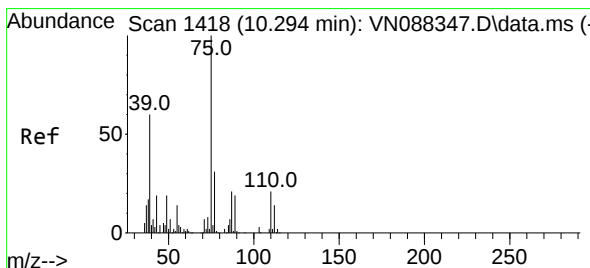
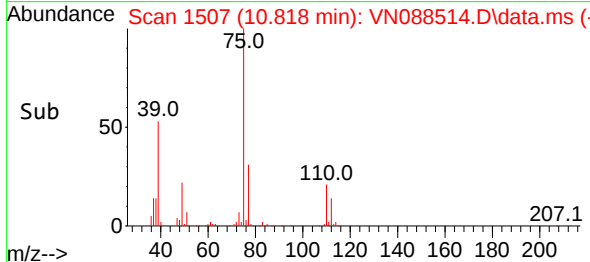
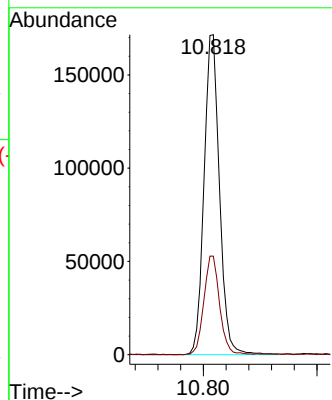
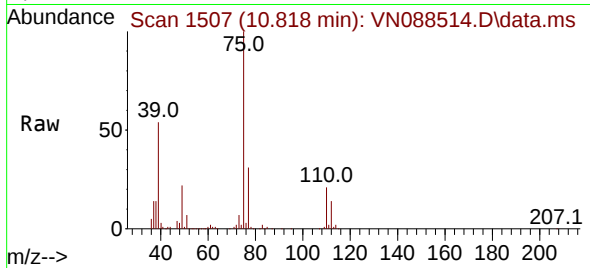




#53
t-1,3-Dichloropropene
Concen: 56.498 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

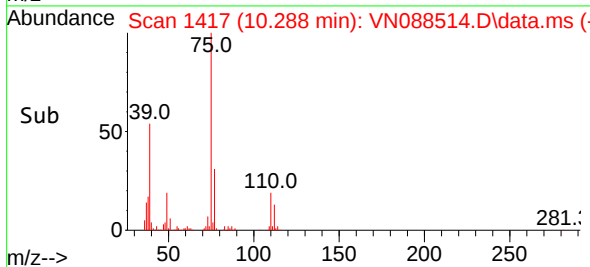
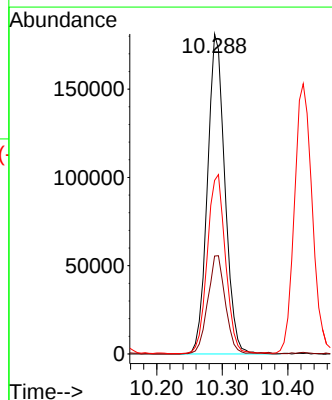
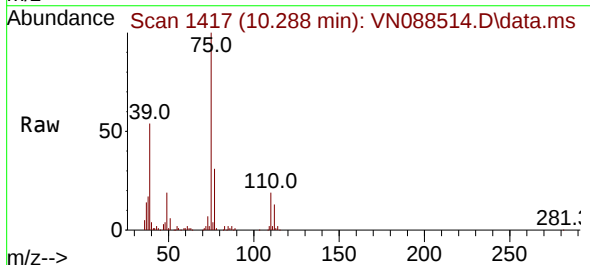
Instrument :
MSVOA_N
ClientSampleId :

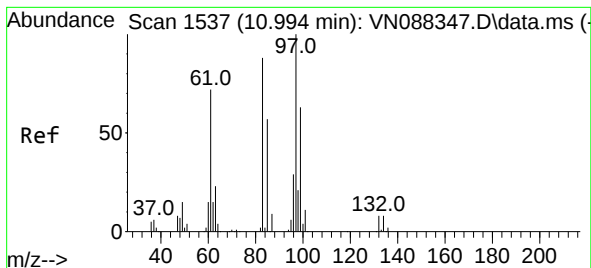
Tgt Ion: 75 Resp: 322918
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 55.869 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 75 Resp: 335805
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 54.1 48.3 72.5

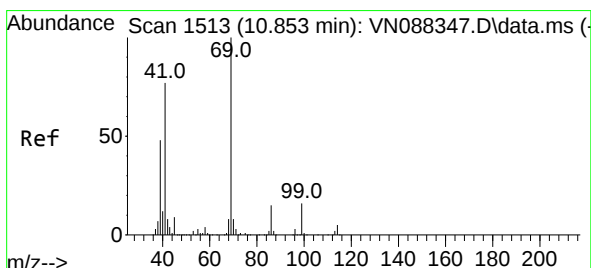
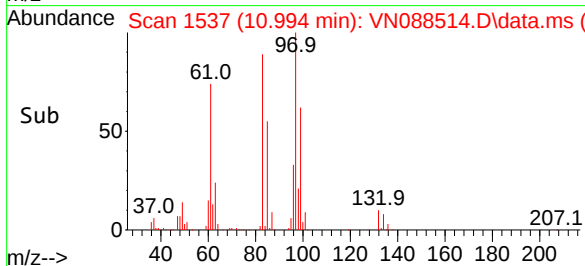
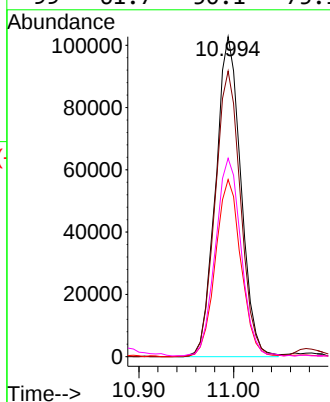
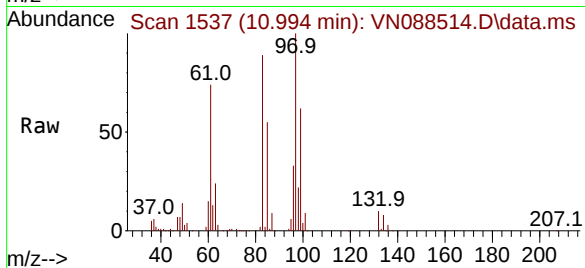




#55
1,1,2-Trichloroethane
Concen: 57.129 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

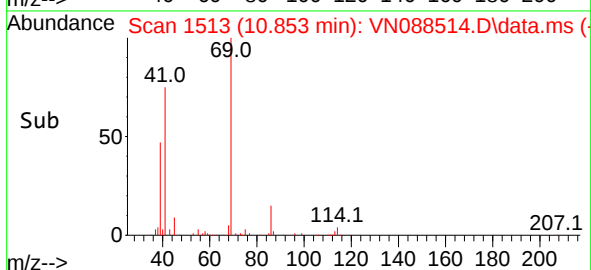
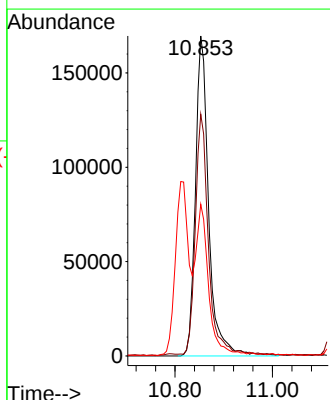
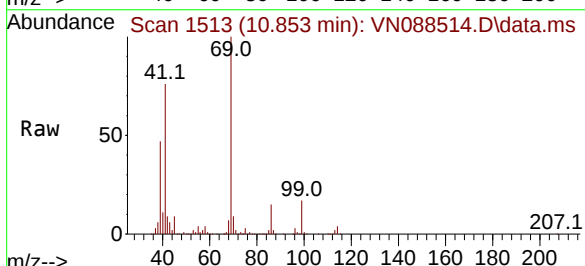
Instrument :
MSVOA_N
ClientSampleId :

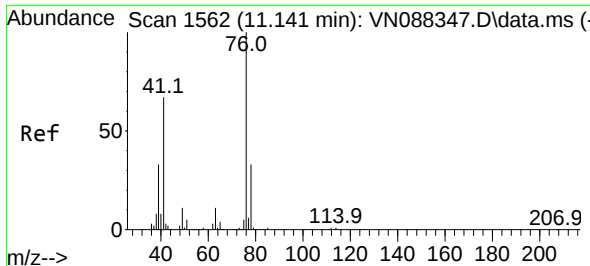
Tgt Ion:	97	Resp:	190489
Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.4	105.6
85	55.2	45.4	68.2
99	61.7	50.1	75.1



#56
Ethyl methacrylate
Concen: 61.054 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion:	69	Resp:	321568
Ion	Ratio	Lower	Upper
69	100		
41	73.8	59.6	89.4
39	43.8	36.4	54.6





#57

1,3-Dichloropropane

Concen: 58.101 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

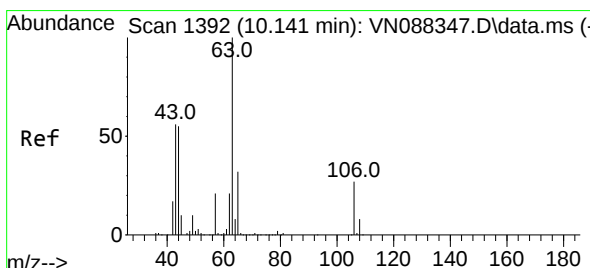
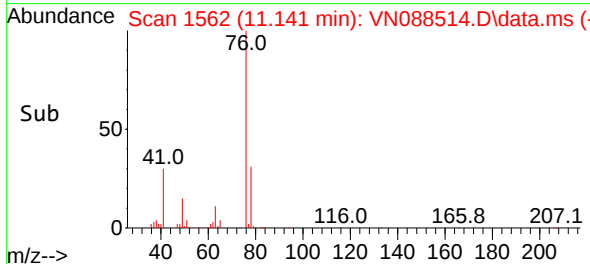
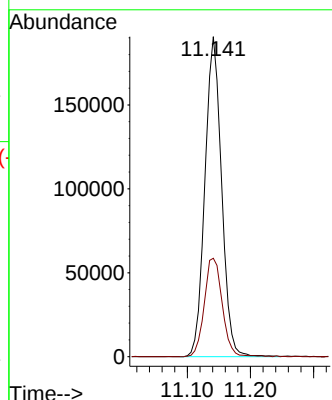
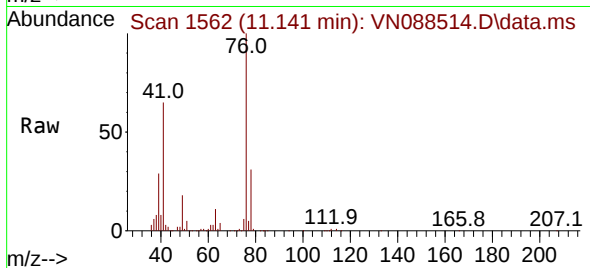
ClientSampleId :

Tgt Ion: 76 Resp: 349494

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 306.996 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088514.D

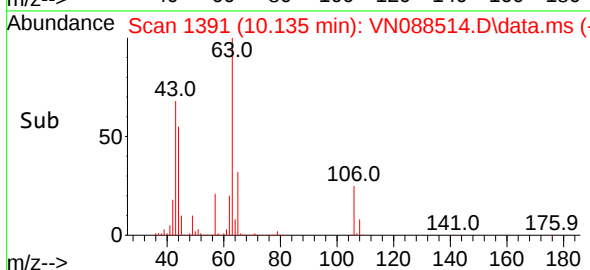
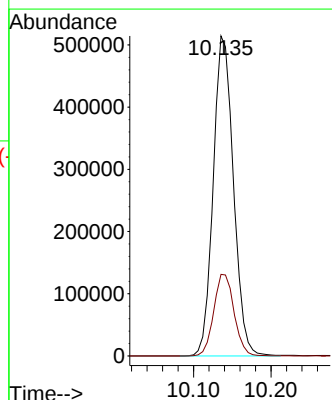
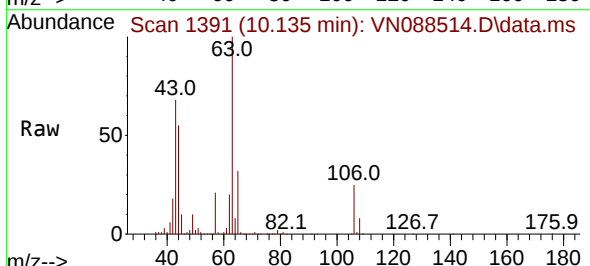
Acq: 10 Dec 2025 19:59

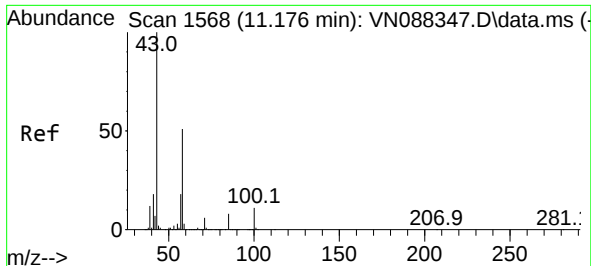
Tgt Ion: 63 Resp: 932187

Ion Ratio Lower Upper

63 100

106 25.7 20.5 30.7

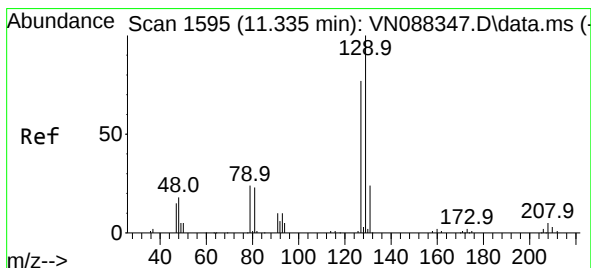
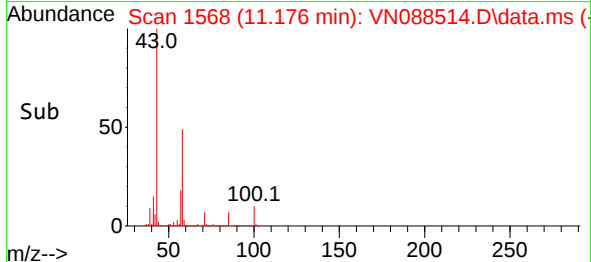
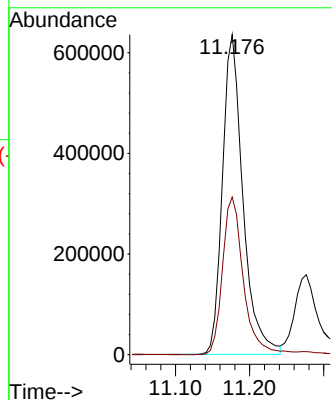
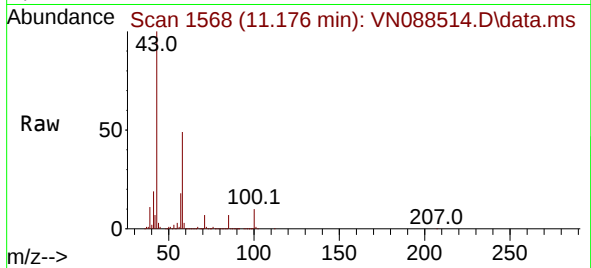




#59
2-Hexanone
Concen: 321.665 ug/l
RT: 11.176 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

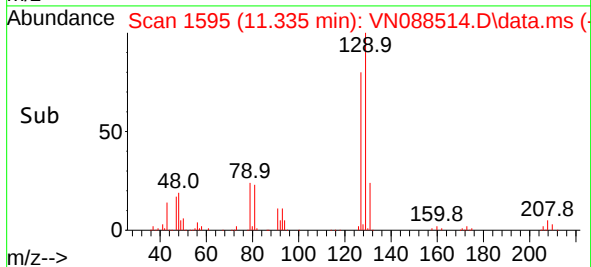
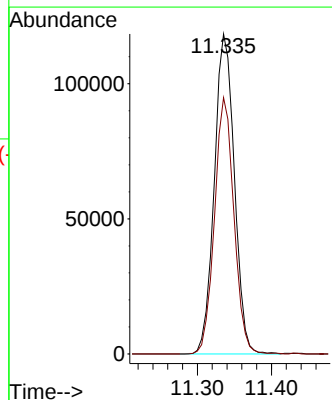
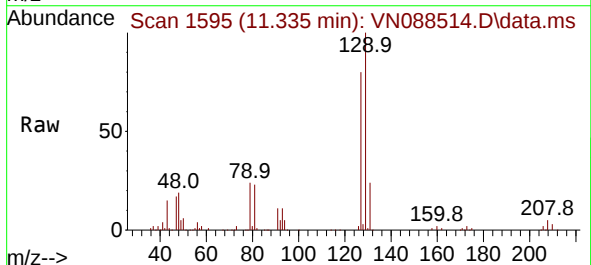
Instrument :
MSVOA_N
ClientSampleId :

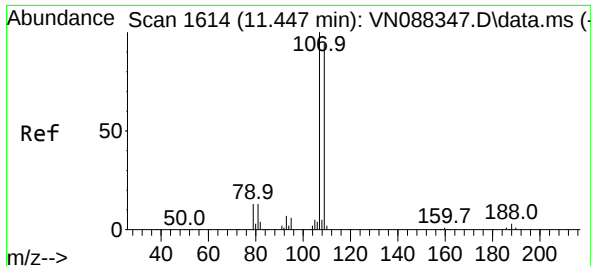
Tgt Ion: 43 Resp: 1220204
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.9



#60
Dibromochloromethane
Concen: 58.552 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion:129 Resp: 222562
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6

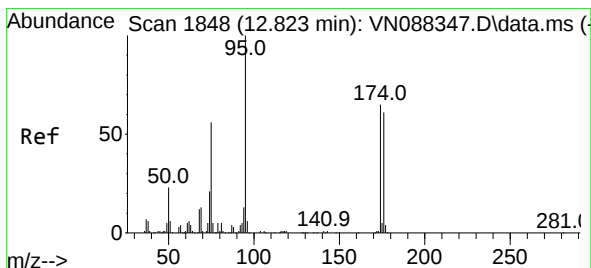
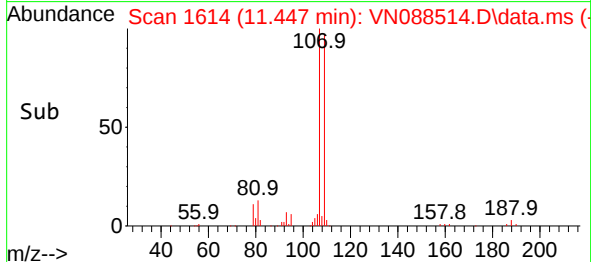
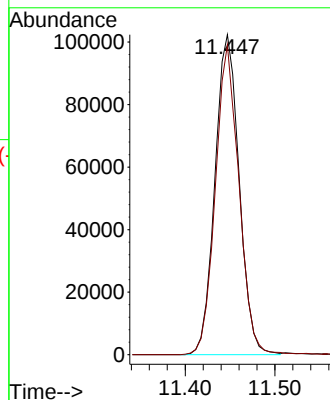
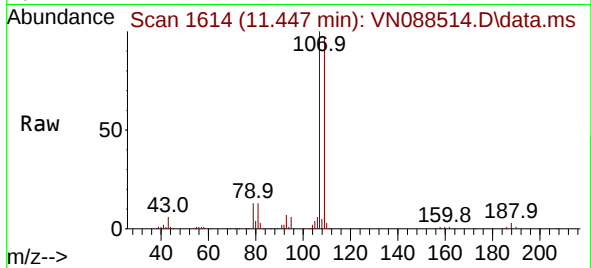




#61
1,2-Dibromoethane
Concen: 56.735 ug/l
RT: 11.447 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

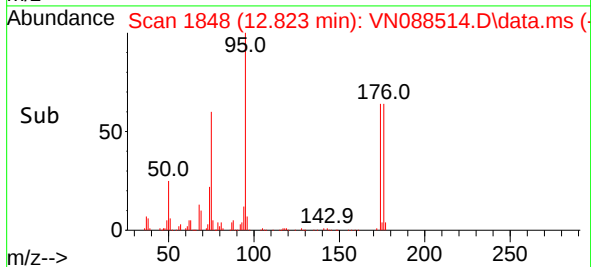
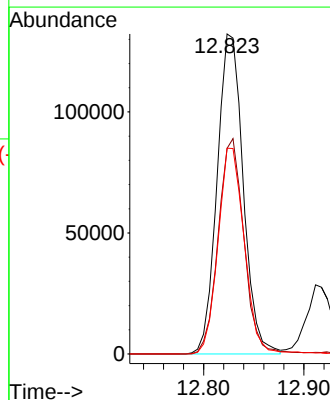
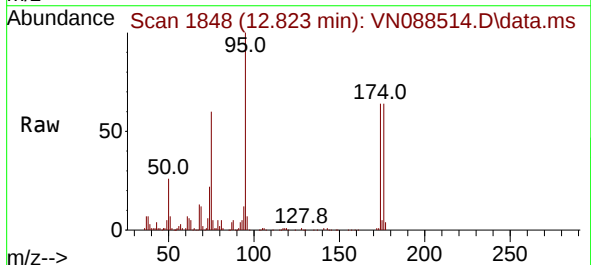
Instrument :
MSVOA_N
ClientSampleId :

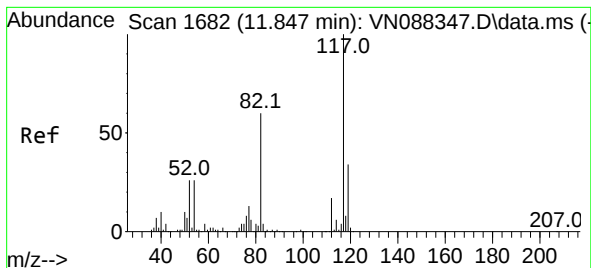
Tgt Ion:107 Resp: 191567
Ion Ratio Lower Upper
107 100
109 94.7 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 56.779 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 95 Resp: 238848
Ion Ratio Lower Upper
95 100
174 66.4 0.0 139.0
176 65.0 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

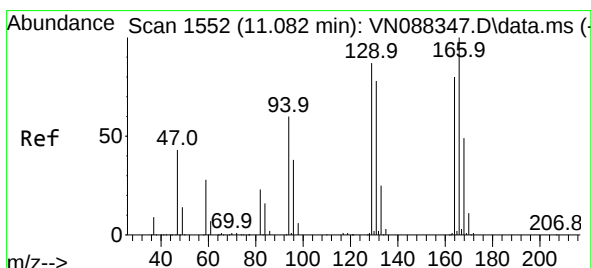
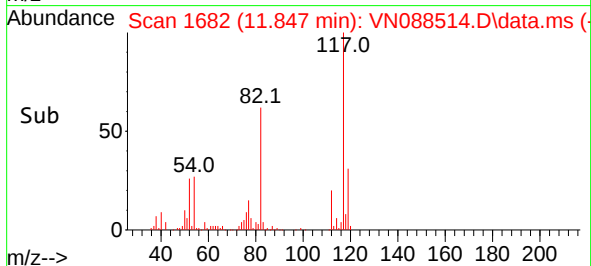
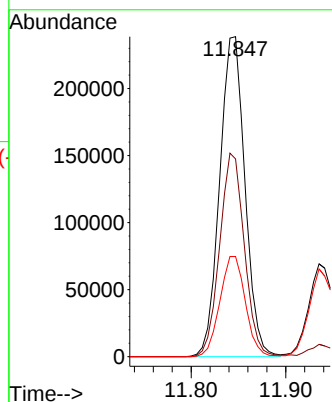
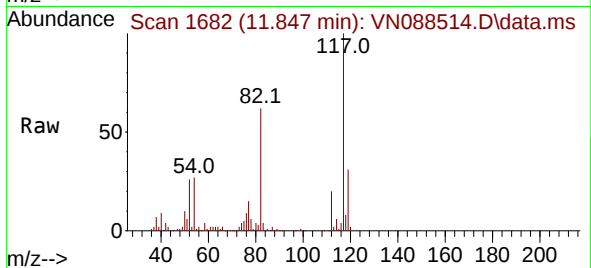
Tgt Ion:117 Resp: 442565

Ion Ratio Lower Upper

117 100

82 61.8 47.8 71.8

119 31.3 26.9 40.3



#64

Tetrachloroethene

Concen: 41.019 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Tgt Ion:164 Resp: 143914

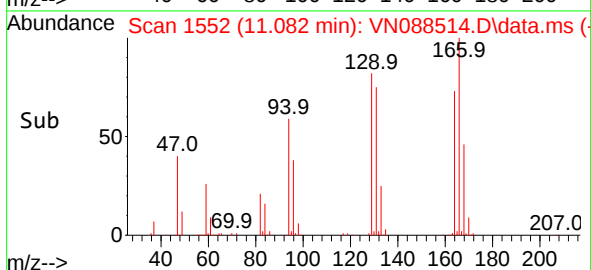
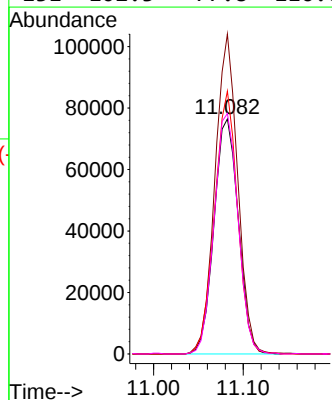
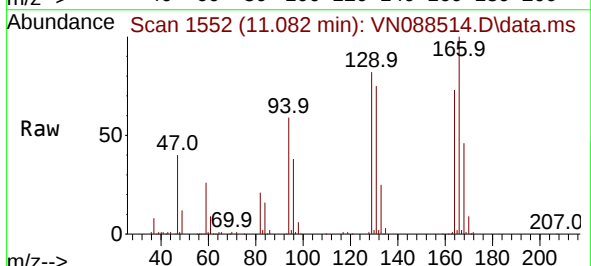
Ion Ratio Lower Upper

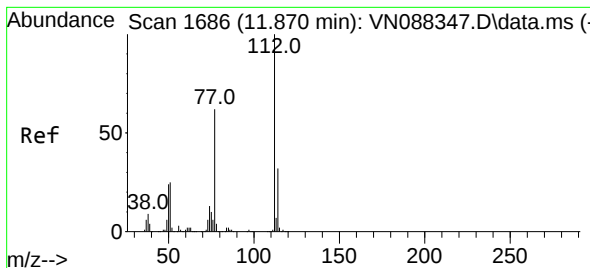
164 100

166 136.1 99.6 149.4

129 111.8 86.6 129.8

131 102.3 77.8 116.6





#65

Chlorobenzene

Concen: 51.498 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

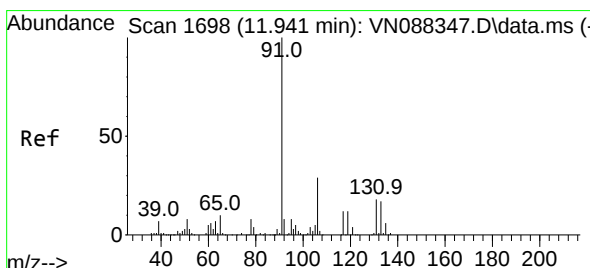
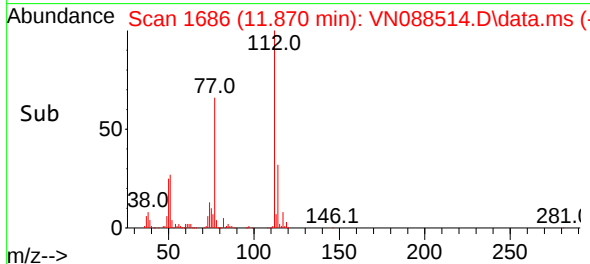
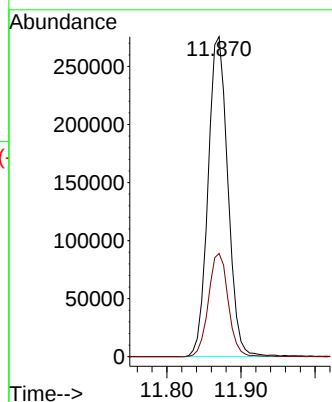
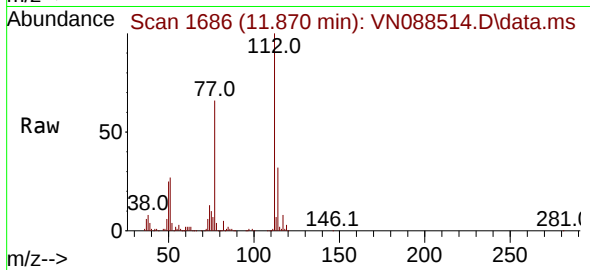
ClientSampleId :

Tgt Ion:112 Resp: 511933

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 55.078 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

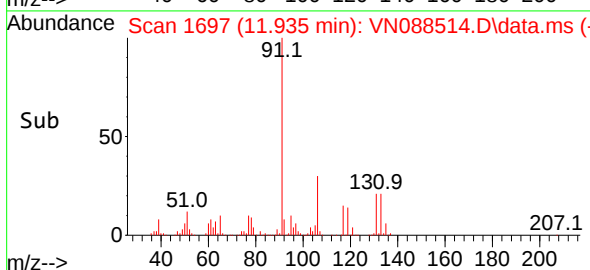
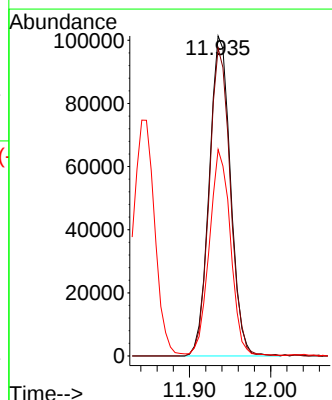
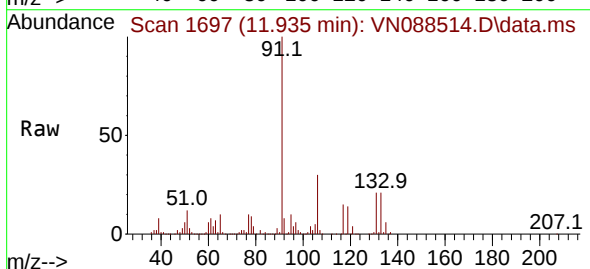
Tgt Ion:131 Resp: 184666

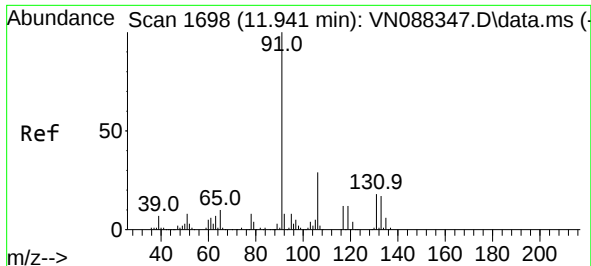
Ion Ratio Lower Upper

131 100

133 95.6 47.4 142.2

119 63.9 33.4 100.1





#67

Ethyl Benzene

Concen: 51.950 ug/l

RT: 11.941 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

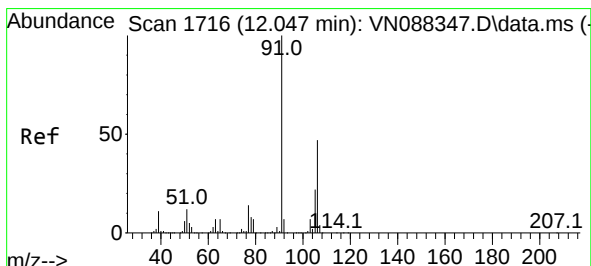
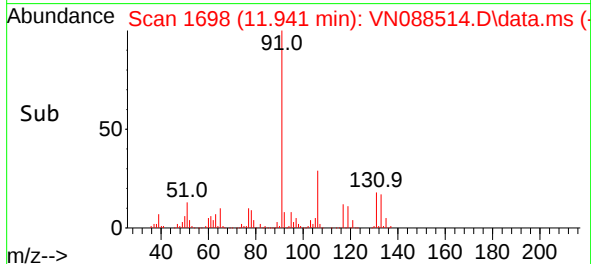
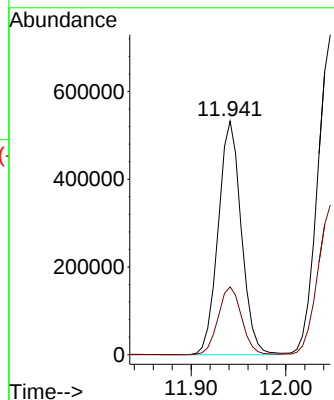
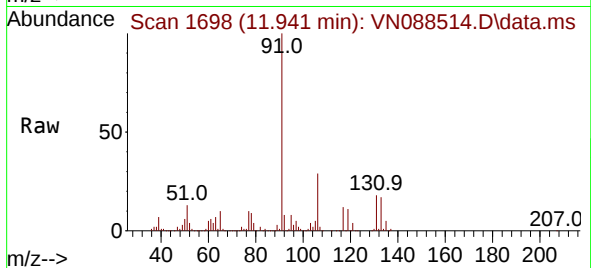
ClientSampleId :

Tgt Ion: 91 Resp: 902618

Ion Ratio Lower Upper

91 100

106 29.0 23.6 35.4



#68

m/p-Xylenes

Concen: 105.231 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN088514.D

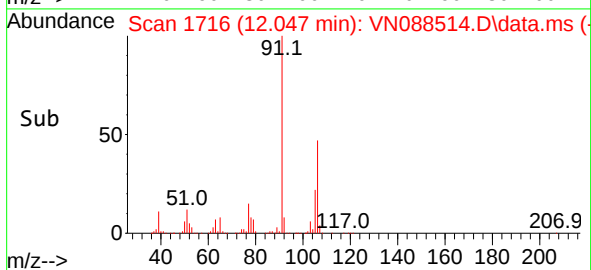
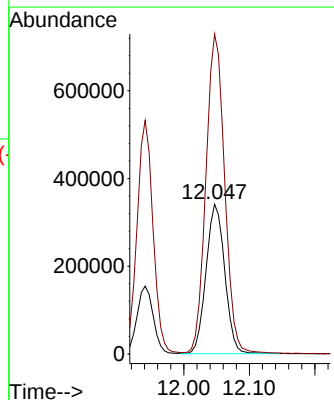
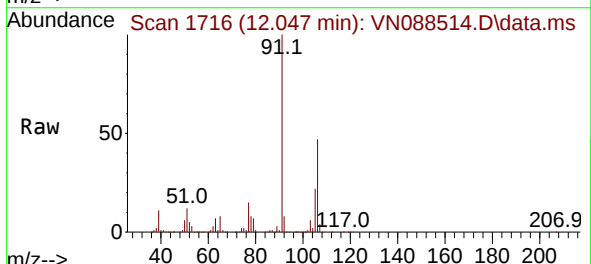
Acq: 10 Dec 2025 19:59

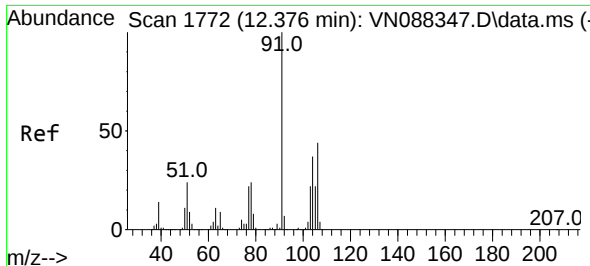
Tgt Ion:106 Resp: 677889

Ion Ratio Lower Upper

106 100

91 214.3 167.8 251.6

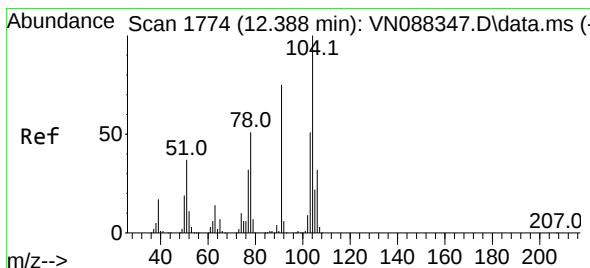
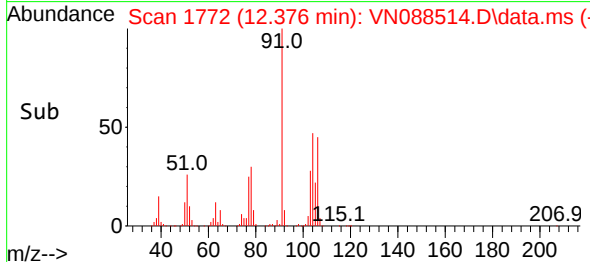
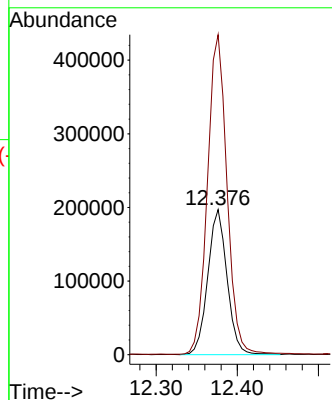
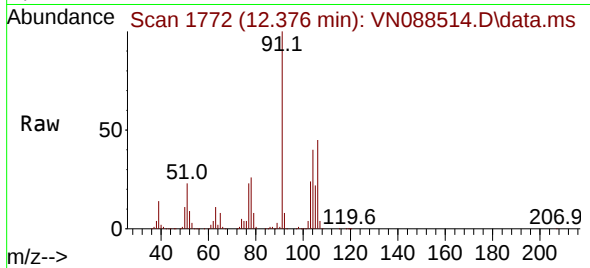




#69
o-Xylene
Concen: 52.963 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

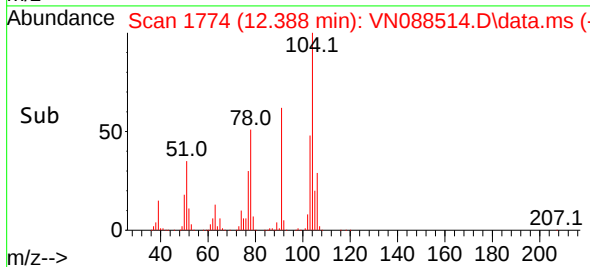
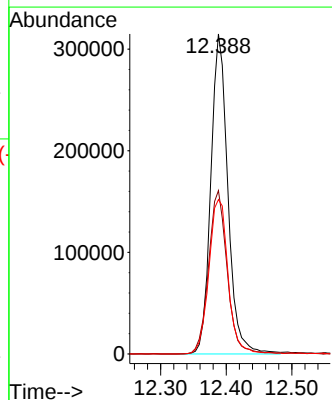
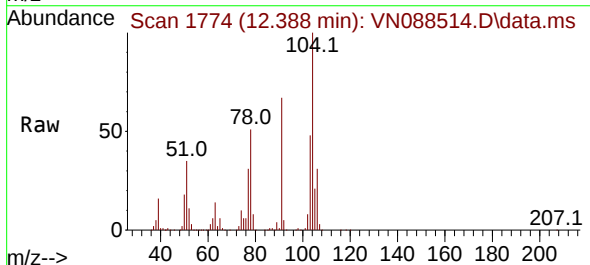
Instrument :
MSVOA_N
ClientSampleId :

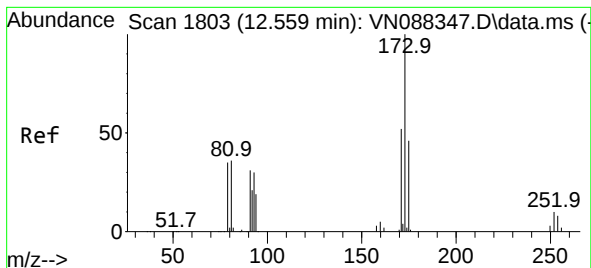
Tgt Ion:106 Resp: 325276
Ion Ratio Lower Upper
106 100
91 223.2 112.9 338.7



#70
Styrene
Concen: 57.137 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion:104 Resp: 569776
Ion Ratio Lower Upper
104 100
78 55.8 44.3 66.5
103 54.6 44.2 66.4





#71

Bromoform

Concen: 55.929 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

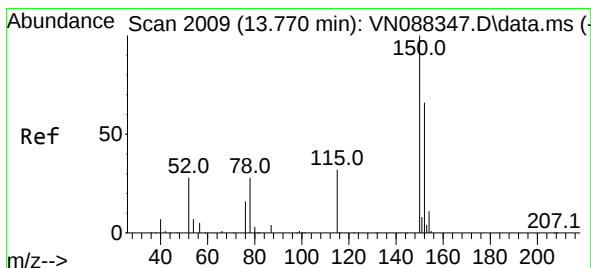
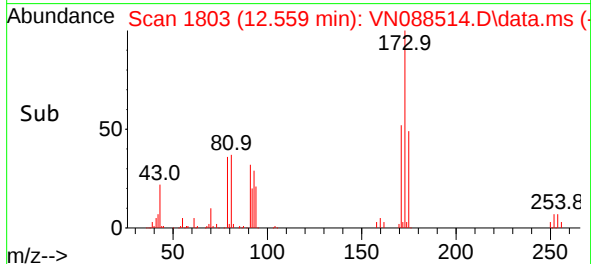
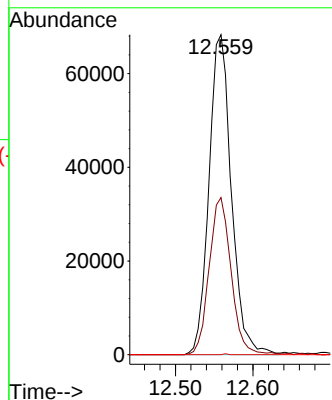
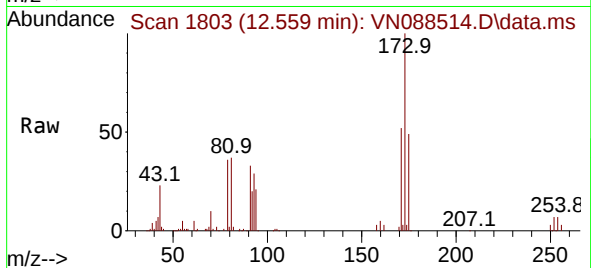
Tgt Ion:173 Resp: 137347

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

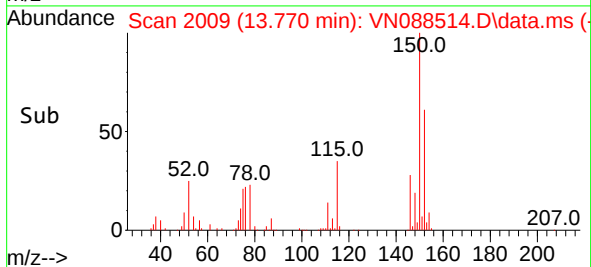
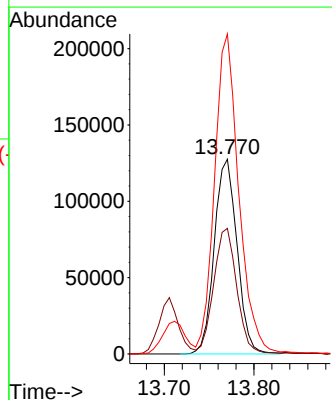
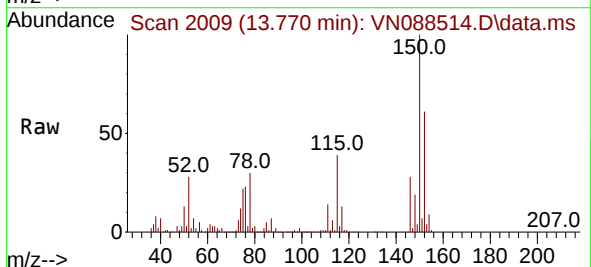
Tgt Ion:152 Resp: 225391

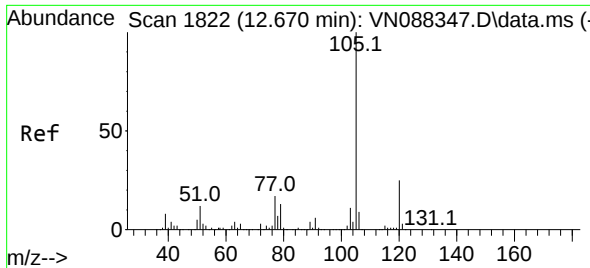
Ion Ratio Lower Upper

152 100

115 64.4 33.0 98.9

150 174.6 0.0 349.0

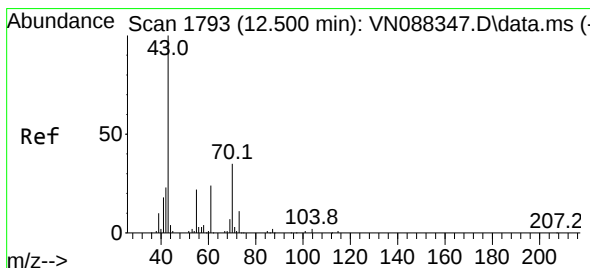
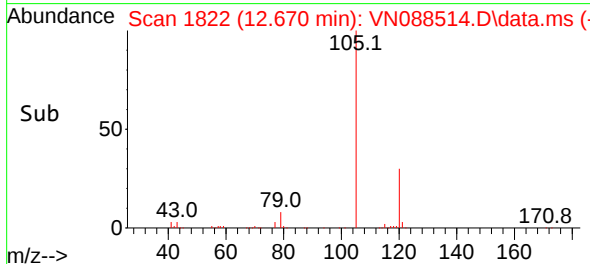
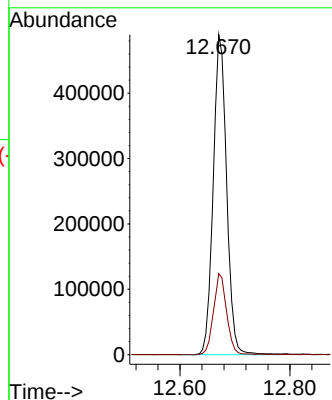
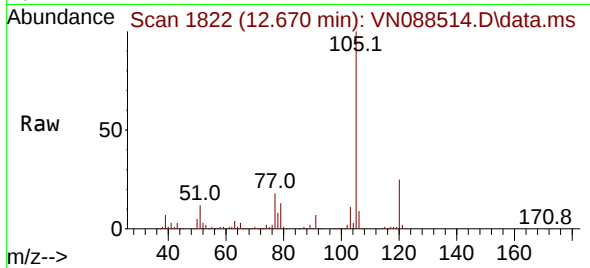




#73
Isopropylbenzene
Concen: 49.762 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

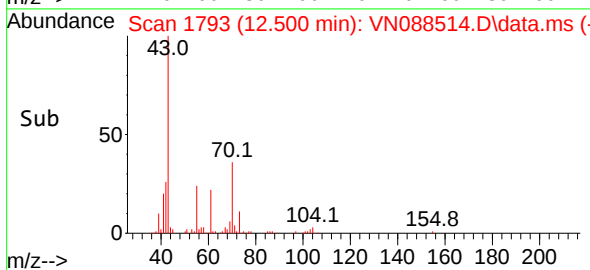
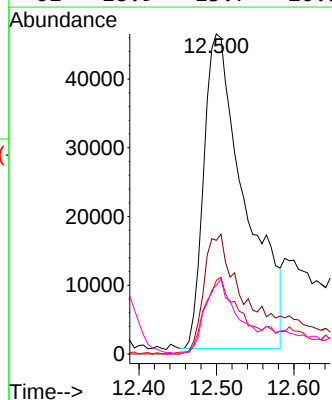
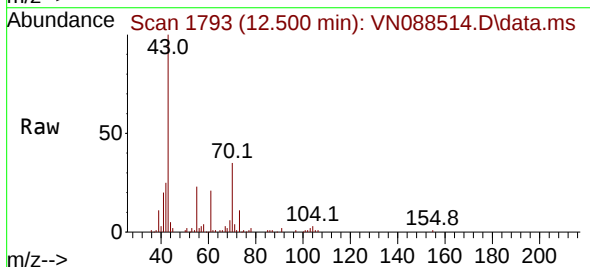
Instrument :
MSVOA_N
ClientSampleId :

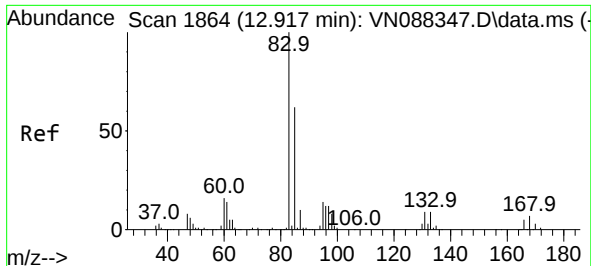
Tgt Ion:105 Resp: 829291
Ion Ratio Lower Upper
105 100
120 24.8 12.8 38.3



#74
N-ethyl acetate
Concen: 29.923 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 43 Resp: 169824
Ion Ratio Lower Upper
43 100
70 48.3 28.3 42.5#
55 21.1 17.7 26.5
61 18.9 13.7 20.5

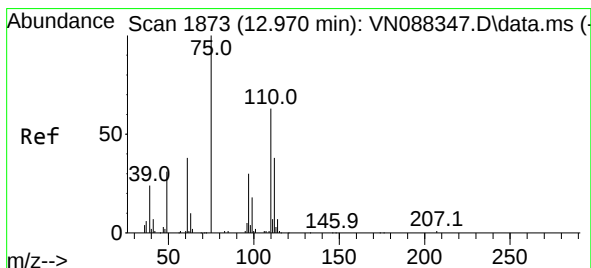
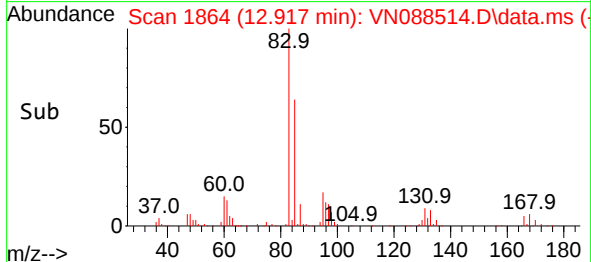
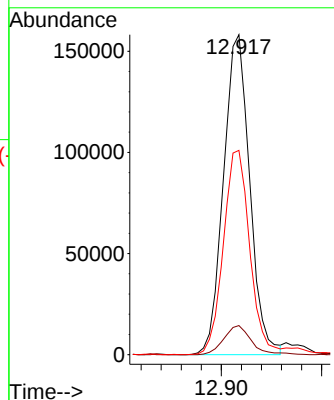
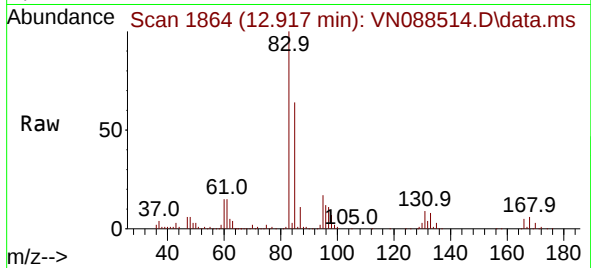




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.386 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

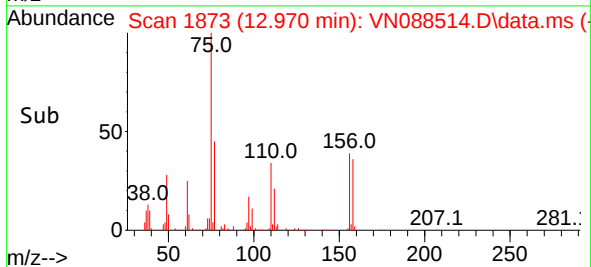
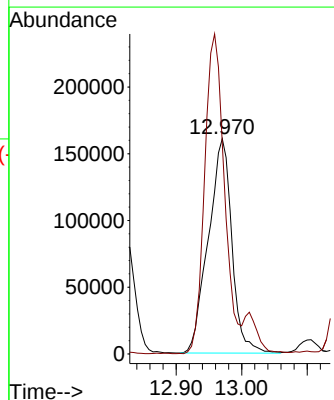
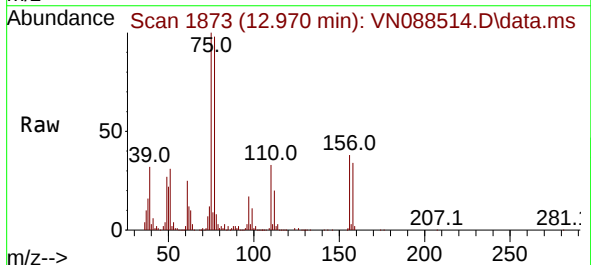
Instrument :
 MSVOA_N
 ClientSampleId :

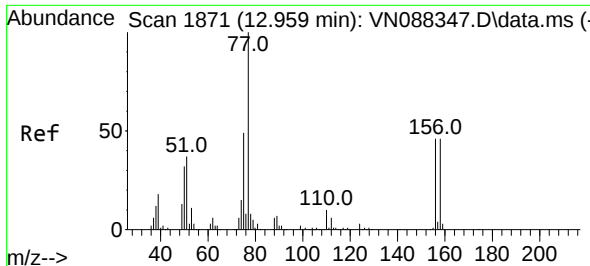
Tgt Ion: 83 Resp: 287620
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.8 14.4
 85 66.2 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 75.776 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

Tgt Ion: 75 Resp: 400026
 Ion Ratio Lower Upper
 75 100
 77 126.0 87.2 261.6

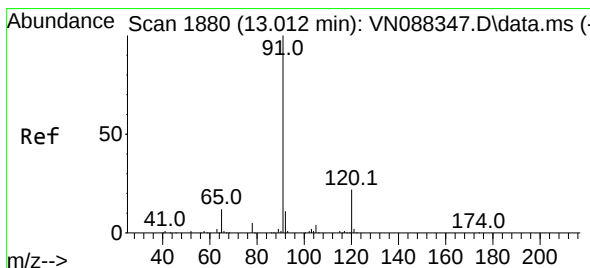
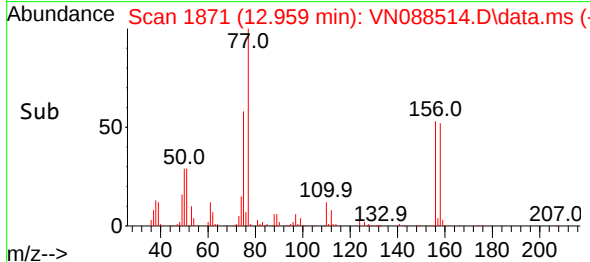
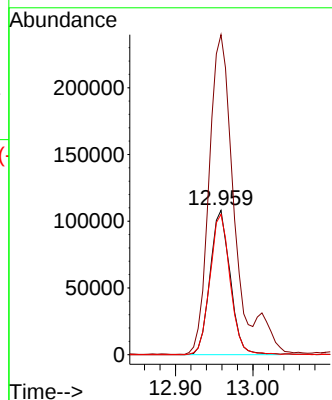
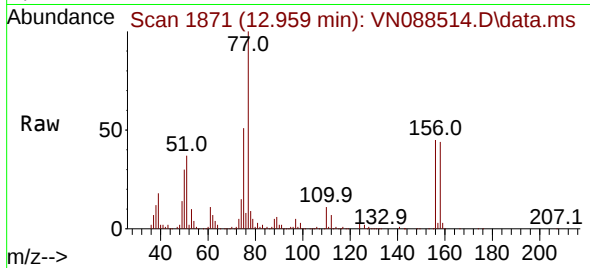




#77
Bromobenzene
Concen: 51.225 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

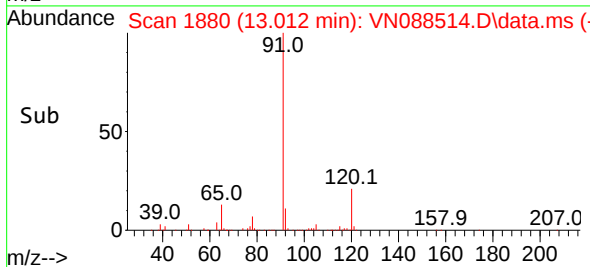
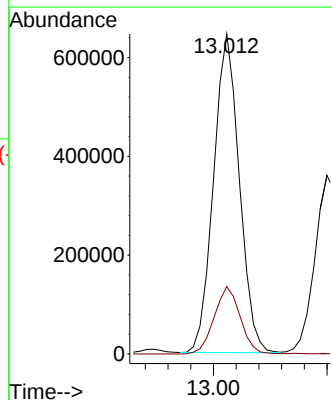
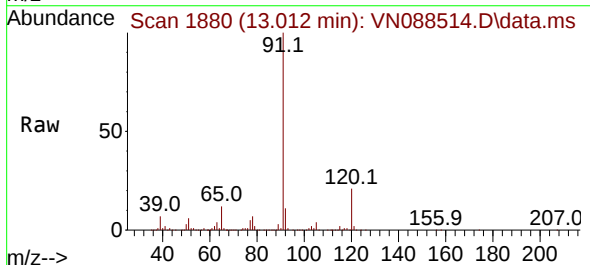
Instrument :
MSVOA_N
ClientSampleId :

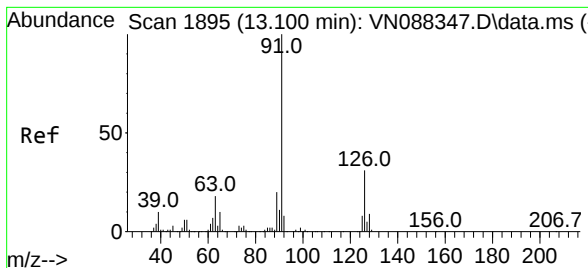
Tgt Ion:156 Resp: 195323
Ion Ratio Lower Upper
156 100
77 258.1 121.6 364.7
158 97.8 48.6 145.8



#78
n-propylbenzene
Concen: 49.815 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 91 Resp: 1015615
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.6





#79

2-Chlorotoluene

Concen: 50.024 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

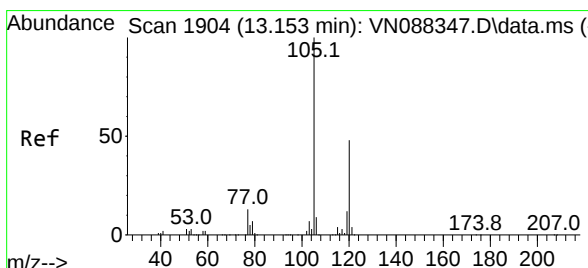
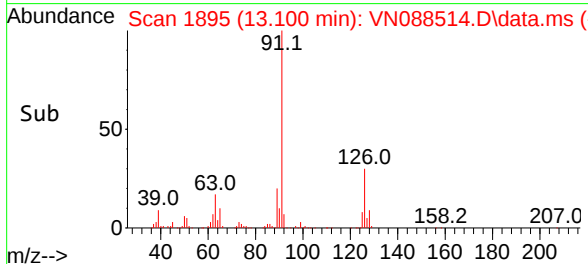
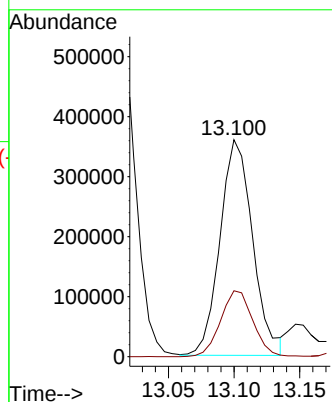
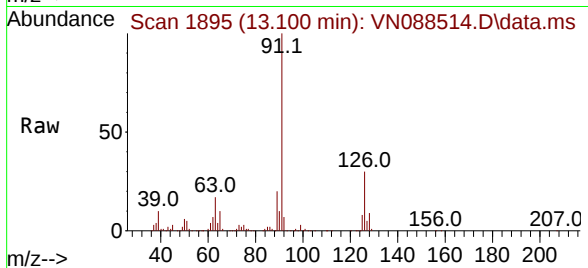
ClientSampleId :

Tgt Ion: 91 Resp: 622803

Ion Ratio Lower Upper

91 100

126 30.4 15.3 45.9



#80

1,3,5-Trimethylbenzene

Concen: 51.659 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN088514.D

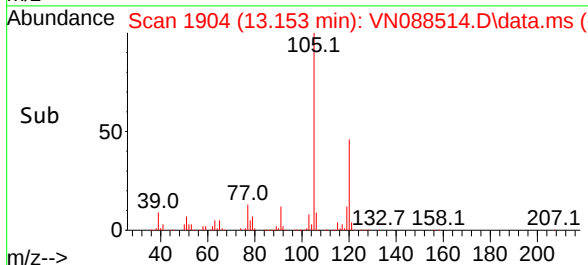
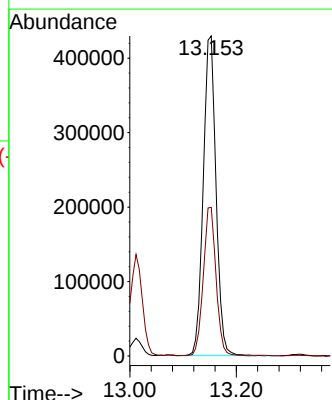
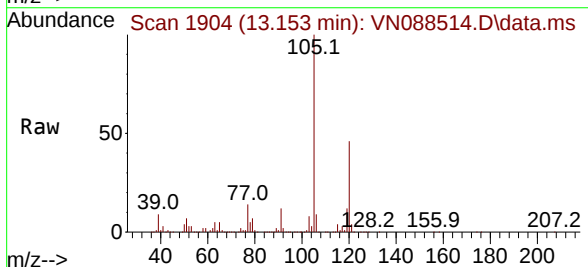
Acq: 10 Dec 2025 19:59

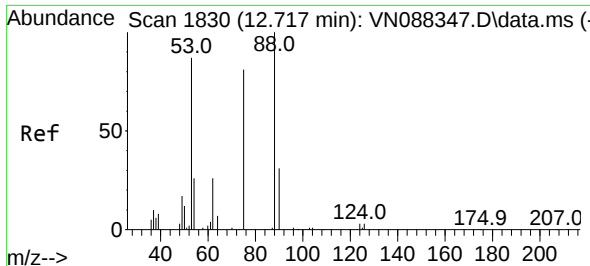
Tgt Ion: 105 Resp: 713383

Ion Ratio Lower Upper

105 100

120 46.3 23.8 71.5

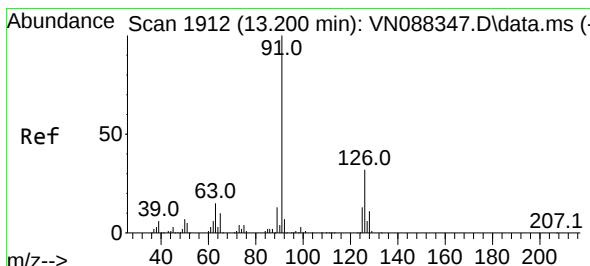
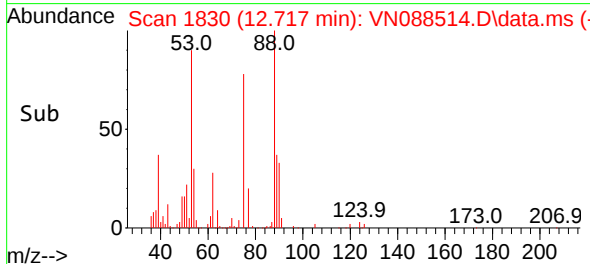
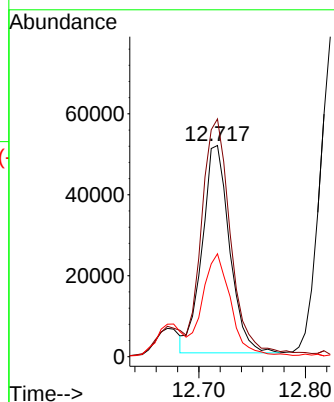
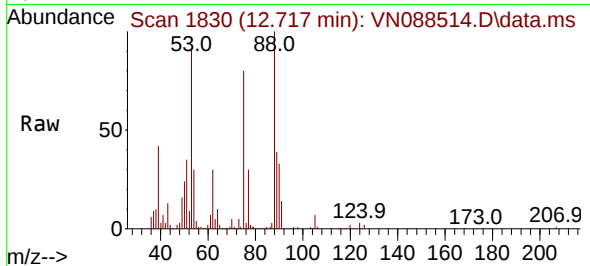




#81
trans-1,4-Dichloro-2-butene
Concen: 49.250 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

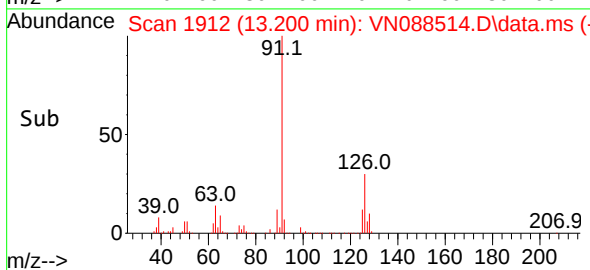
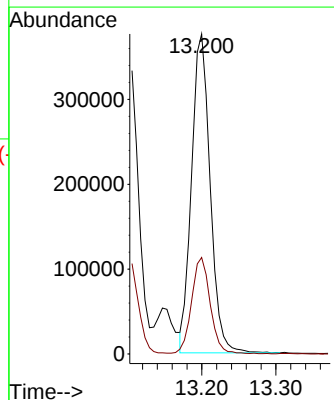
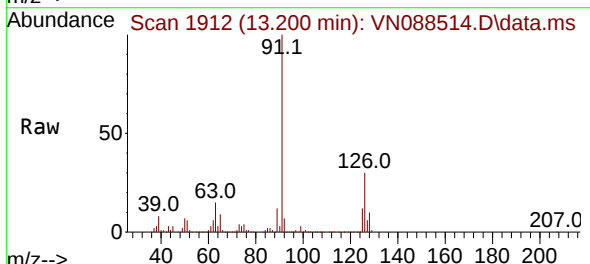
Instrument :
MSVOA_N
ClientSampleId :

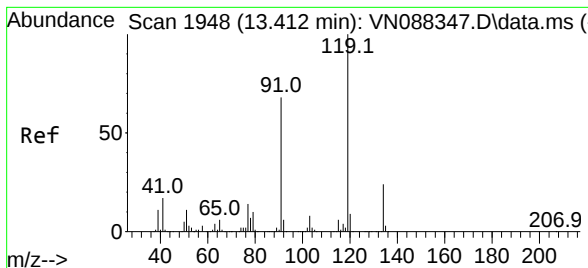
Tgt Ion: 75 Resp: 91645
Ion Ratio Lower Upper
75 100
53 118.9 92.2 138.4
89 50.6 0.0 0.0#



#82
4-Chlorotoluene
Concen: 52.922 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 91 Resp: 654423
Ion Ratio Lower Upper
91 100
126 30.5 15.6 46.7

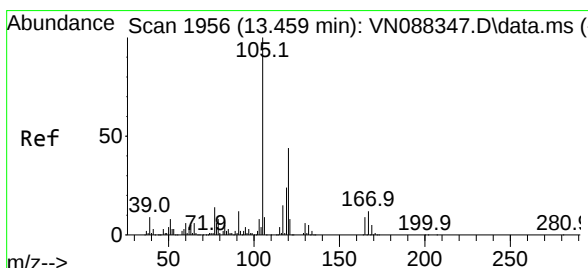
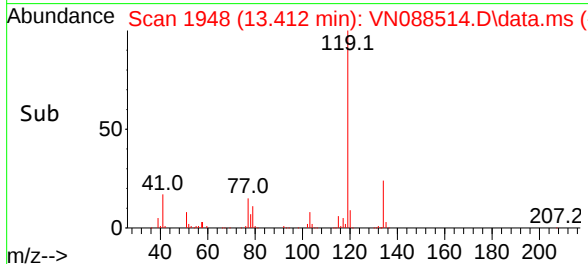
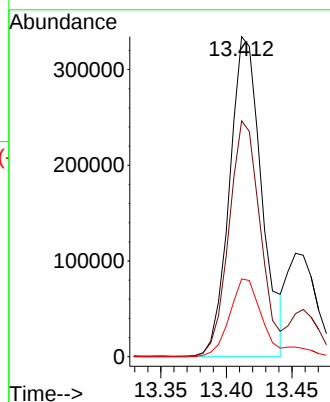
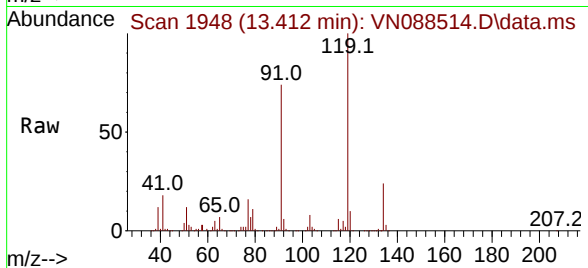




#83
 tert-Butylbenzene
 Concen: 48.585 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

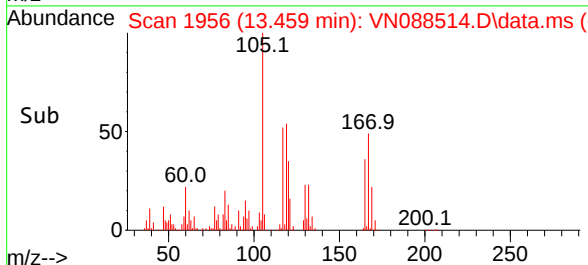
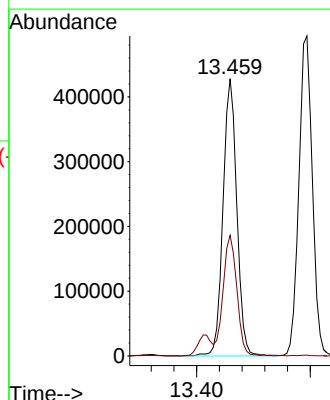
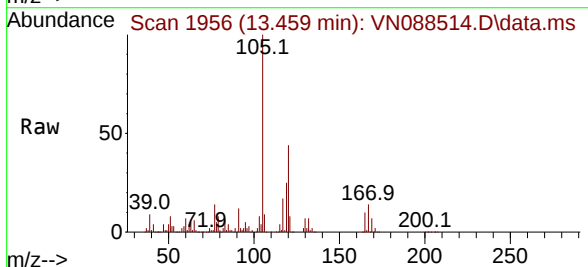
Instrument :
 MSVOA_N
 ClientSampleId :

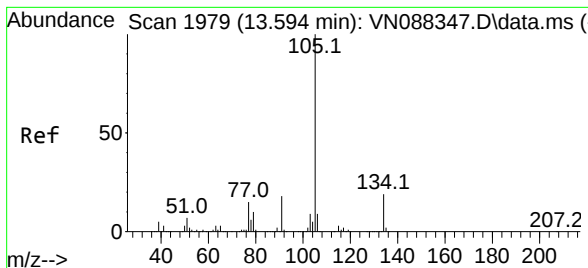
Tgt Ion:119 Resp: 570338
 Ion Ratio Lower Upper
 119 100
 91 71.7 35.1 105.3
 134 26.3 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.848 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

Tgt Ion:105 Resp: 725381
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 48.111 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

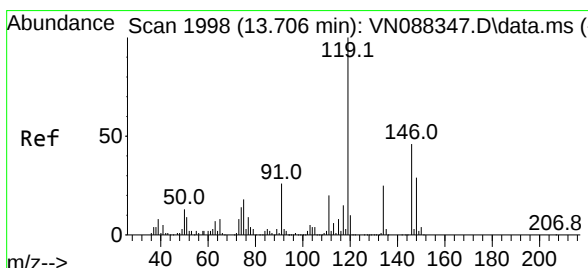
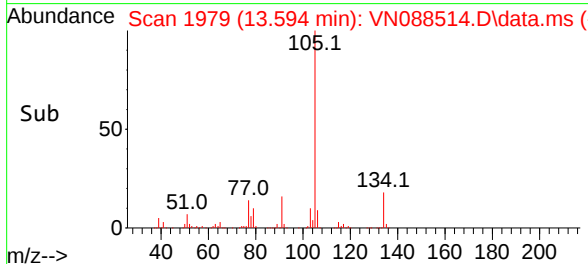
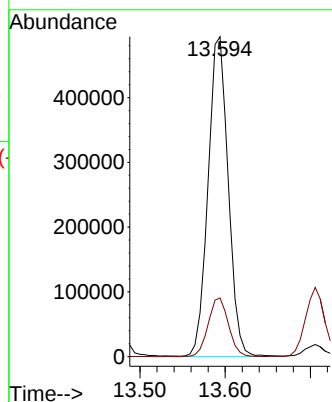
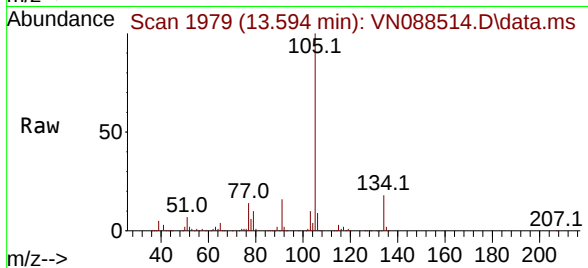
ClientSampleId :

Tgt Ion:105 Resp: 811362

Ion Ratio Lower Upper

105 100

134 18.6 9.5 28.5



#86

p-Isopropyltoluene

Concen: 48.756 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

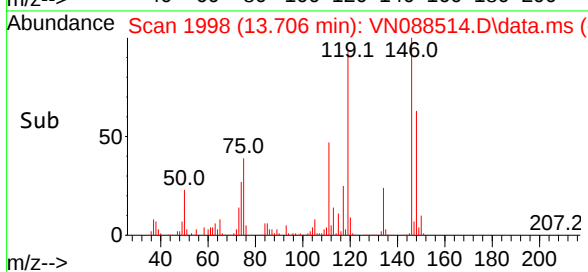
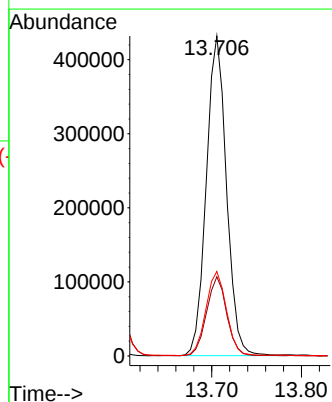
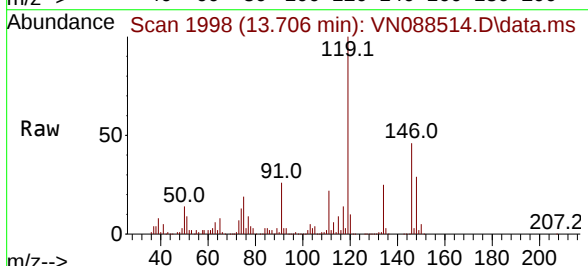
Tgt Ion:119 Resp: 674235

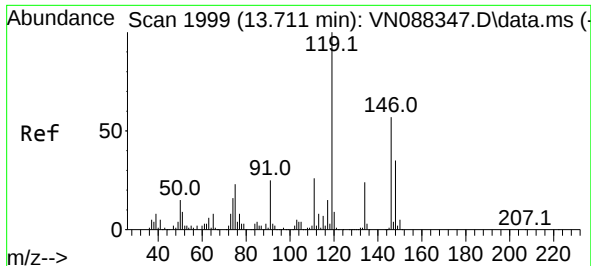
Ion Ratio Lower Upper

119 100

134 24.7 12.2 36.6

91 26.8 13.0 39.0

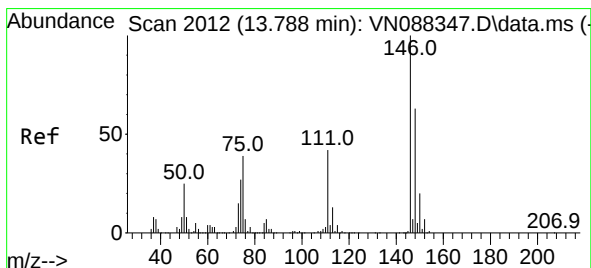
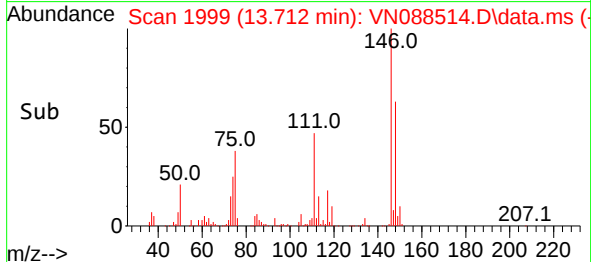
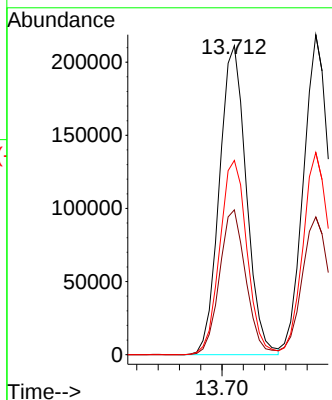
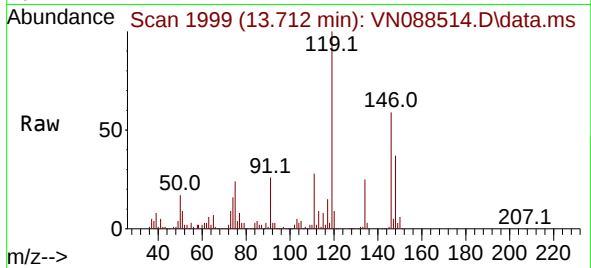




#87
 1,3-Dichlorobenzene
 Concen: 50.026 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

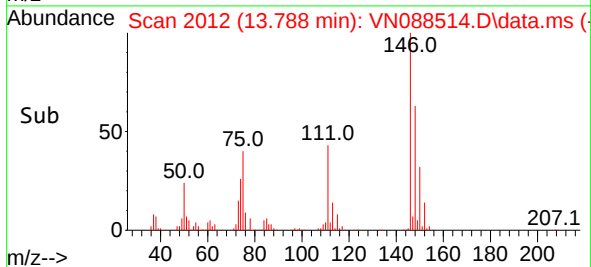
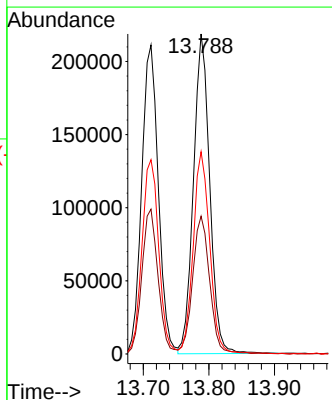
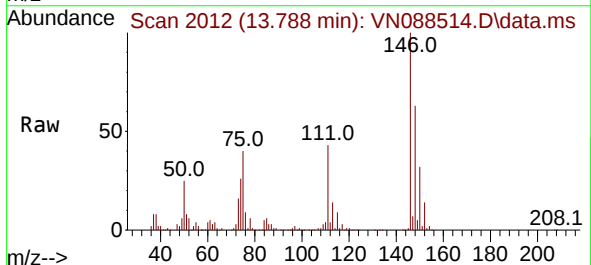
Instrument :
 MSVOA_N
 ClientSampleId :

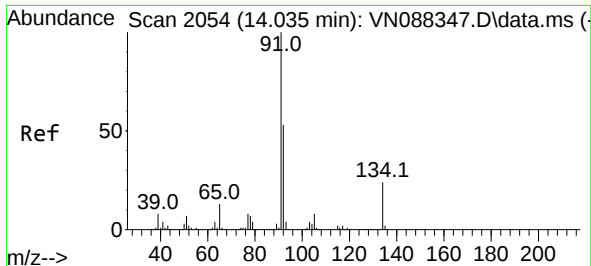
Tgt Ion:146 Resp: 371328
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.4 67.0
 148 63.5 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 48.585 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

Tgt Ion:146 Resp: 377759
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.6 64.6
 148 64.3 31.0 93.0

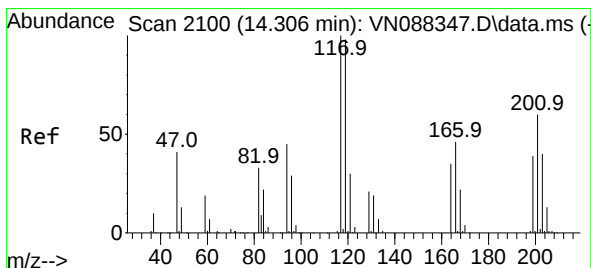
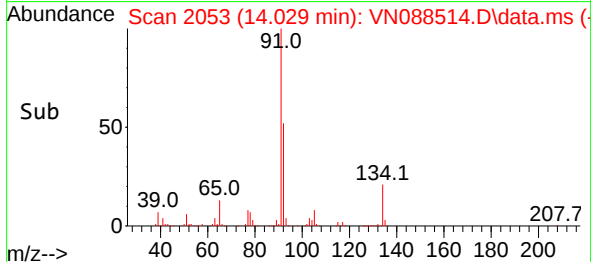
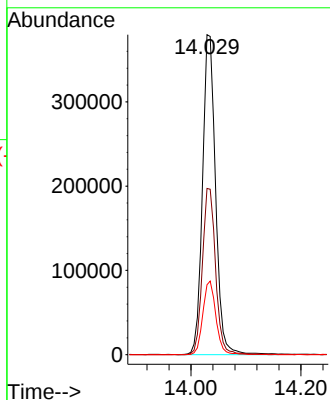
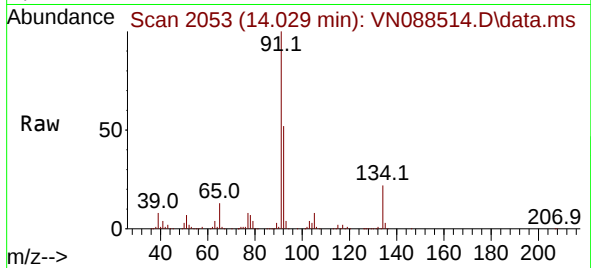




#89
n-Butylbenzene
Concen: 46.767 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

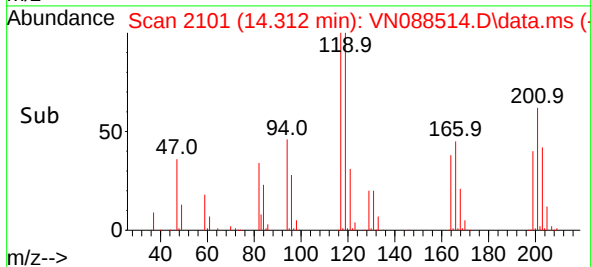
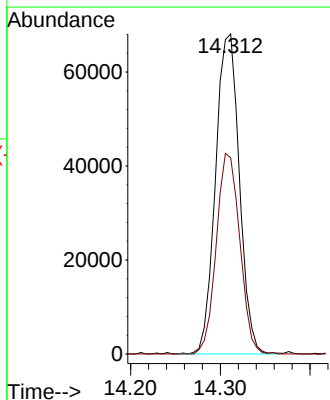
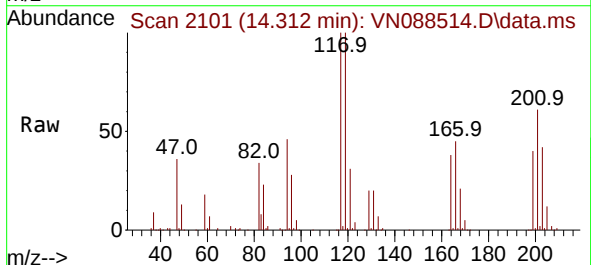
Instrument :
MSVOA_N
ClientSampleId :

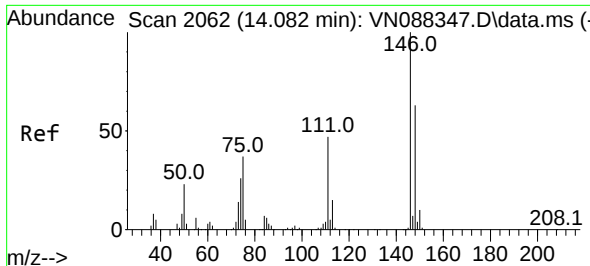
Tgt Ion: 91 Resp: 627951
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.3
134 23.0 11.7 35.1



#90
Hexachloroethane
Concen: 49.650 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.006 min
Lab File: VN088514.D
Acq: 10 Dec 2025 19:59

Tgt Ion: 117 Resp: 125429
Ion Ratio Lower Upper
117 100
201 61.8 30.3 90.9

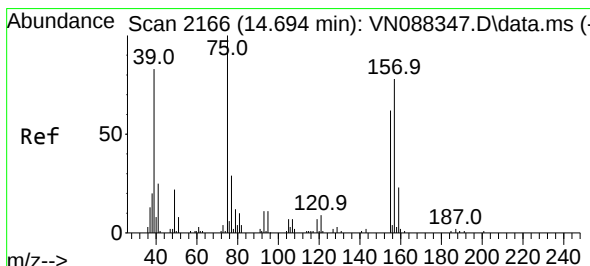
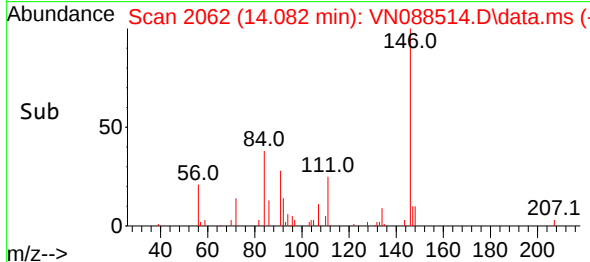
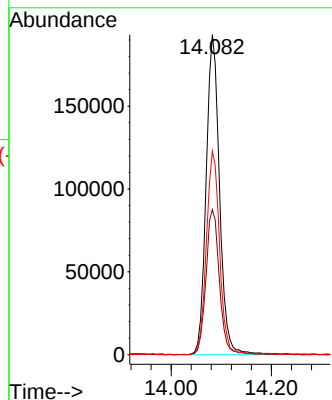
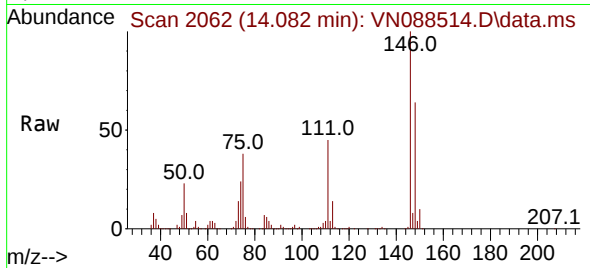




#91
 1,2-Dichlorobenzene
 Concen: 51.309 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

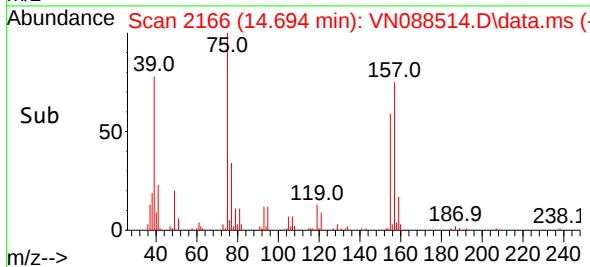
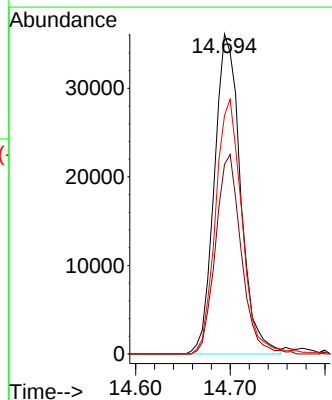
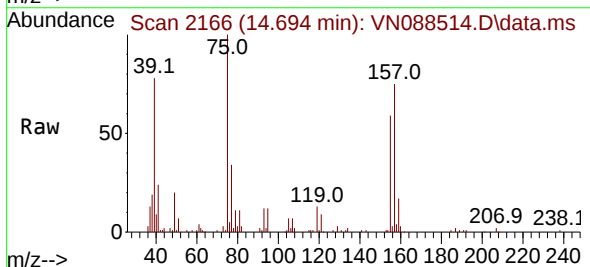
Instrument :
 MSVOA_N
 ClientSampleId :

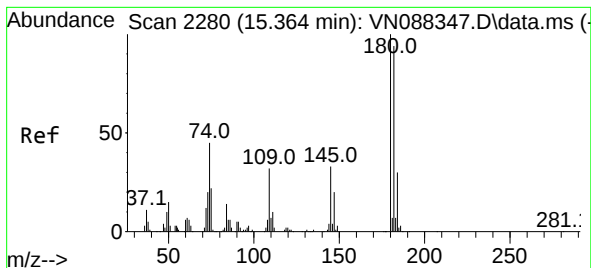
Tgt Ion:146 Resp: 358390
 Ion Ratio Lower Upper
 146 100
 111 45.6 23.3 69.9
 148 63.1 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.017 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VN088514.D
 Acq: 10 Dec 2025 19:59

Tgt Ion: 75 Resp: 69301
 Ion Ratio Lower Upper
 75 100
 155 61.2 33.7 101.1
 157 80.7 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 45.519 ug/l

RT: 15.364 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

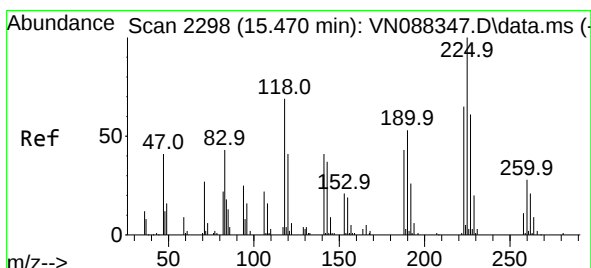
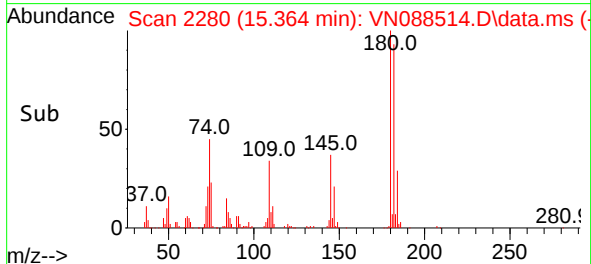
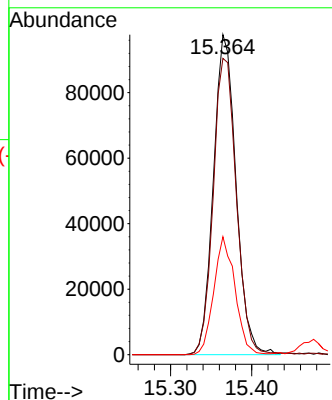
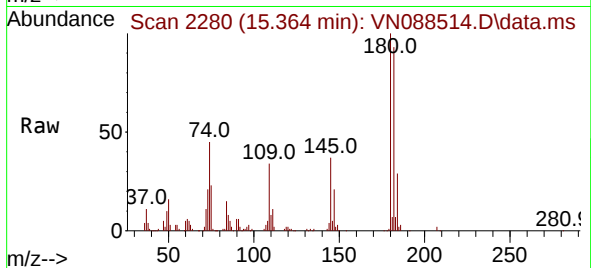
Tgt Ion:180 Resp: 188917

Ion Ratio Lower Upper

180 100

182 95.0 46.1 138.2

145 34.6 16.7 50.1



#94

Hexachlorobutadiene

Concen: 41.075 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

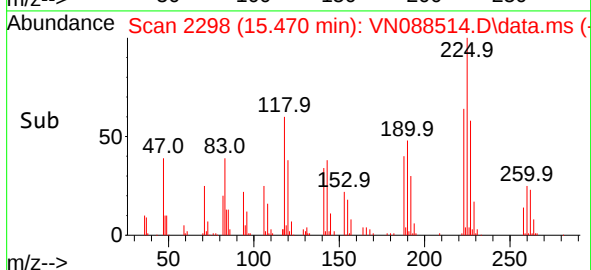
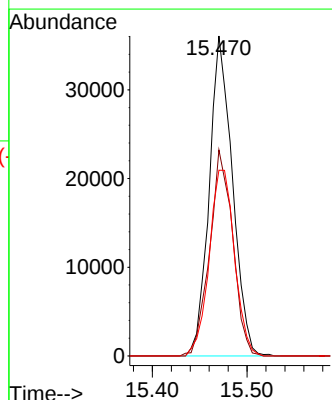
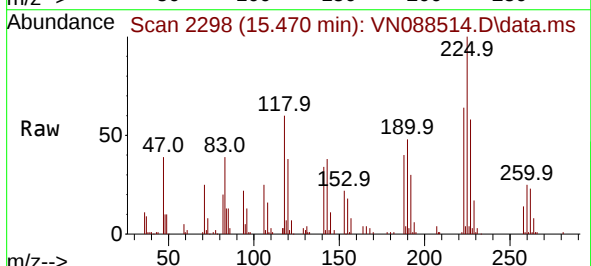
Tgt Ion:225 Resp: 61258

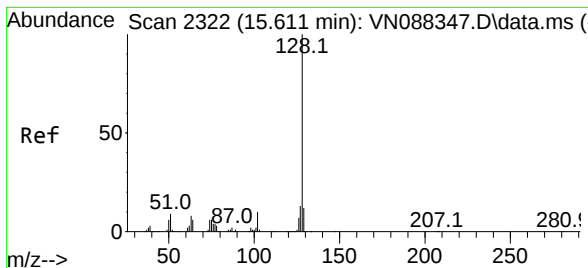
Ion Ratio Lower Upper

225 100

223 64.2 32.3 96.8

227 63.4 29.9 89.8





#95

Naphthalene

Concen: 48.966 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

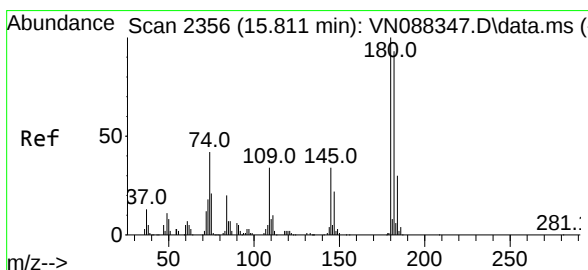
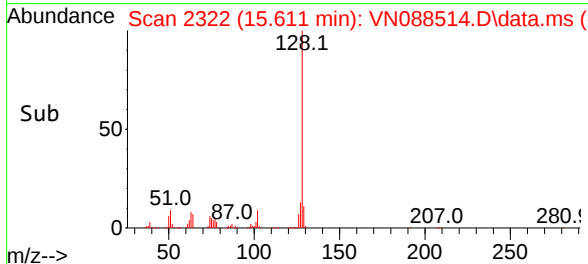
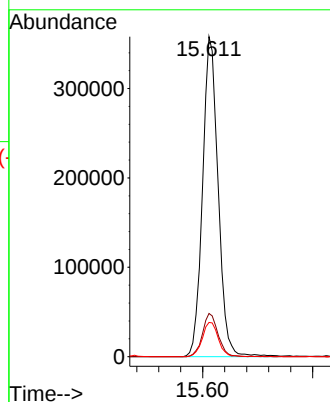
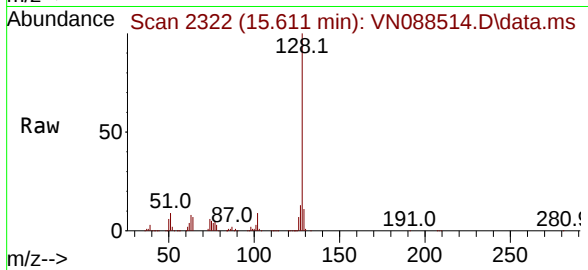
Tgt Ion:128 Resp: 704209

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.1 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 45.790 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088514.D

Acq: 10 Dec 2025 19:59

Tgt Ion:180 Resp: 184947

Ion Ratio Lower Upper

180 100

182 94.4 45.9 137.7

145 37.4 17.8 53.4

