

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088491.D
 Acq On : 10 Dec 2025 12:03
 Operator : JC\MD
 Sample : VN1210WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 02:04:57 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	279896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	512638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	464243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	225326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	302126	57.300	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.600%	
35) Dibromofluoromethane	8.147	113	197450	55.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.160%	
50) Toluene-d8	10.541	98	712188	53.879	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.760%	
62) 4-Bromofluorobenzene	12.829	95	249748	55.066	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	82749	19.683	ug/l	97
3) Chloromethane	2.383	50	86390	19.133	ug/l	99
4) Vinyl Chloride	2.536	62	86755	18.887	ug/l	99
5) Bromomethane	2.989	94	42404	19.180	ug/l	100
6) Chloroethane	3.147	64	56571	19.901	ug/l	97
7) Trichlorofluoromethane	3.518	101	131030	20.296	ug/l	95
8) Diethyl Ether	3.959	74	47849	19.747	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	68173	19.835	ug/l	99
10) Methyl Iodide	4.583	142	58580	17.217	ug/l #	92
11) Tert butyl alcohol	5.512	59	70533	83.787	ug/l	98
12) 1,1-Dichloroethene	4.342	96	63472	18.587	ug/l	96
13) Acrolein	4.183	56	70604	87.605	ug/l	94
14) Allyl chloride	5.012	41	120689	19.068	ug/l	97
15) Acrylonitrile	5.706	53	241627	99.484	ug/l	99
16) Acetone	4.424	43	206481	108.282	ug/l	95
17) Carbon Disulfide	4.706	76	200301	17.950	ug/l	97
18) Methyl Acetate	5.024	43	119208	21.002	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	266679	20.844	ug/l	94
20) Methylene Chloride	5.265	84	80934	19.838	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	72315	19.117	ug/l	99
22) Diisopropyl ether	6.659	45	289254	21.406	ug/l	96
23) Vinyl Acetate	6.588	43	1260159	115.750	ug/l	99
24) 1,1-Dichloroethane	6.553	63	156969	20.513	ug/l	97
25) 2-Butanone	7.465	43	317156	103.459	ug/l	95
26) 2,2-Dichloropropane	7.477	77	136406	20.652	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	85160	19.371	ug/l	94
28) Bromochloromethane	7.794	49	76036	19.947	ug/l	96
29) Tetrahydrofuran	7.824	42	220027	100.066	ug/l	98
30) Chloroform	7.947	83	158499	21.079	ug/l	93
31) Cyclohexane	8.241	56	133815	19.297	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	136127	20.590	ug/l	98
36) 1,1-Dichloropropene	8.353	75	105160	19.180	ug/l	98
37) Ethyl Acetate	7.547	43	135954	18.859	ug/l	98
38) Carbon Tetrachloride	8.341	117	114063	20.898	ug/l	95
39) Methylcyclohexane	9.582	83	106499	18.160	ug/l	98
40) Benzene	8.582	78	322165	20.020	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	74755	20.936	ug/l	98
42) 1,2-Dichloroethane	8.653	62	138256	22.519	ug/l	99
43) Isopropyl Acetate	8.671	43	220654	20.033	ug/l	99
44) Trichloroethene	9.329	130	69870	18.376	ug/l	98
45) 1,2-Dichloropropane	9.600	63	85464	20.729	ug/l	97
46) Dibromomethane	9.688	93	60983	20.726	ug/l	98
47) Bromodichloromethane	9.865	83	129700	21.604	ug/l	98
48) Methyl methacrylate	9.659	41	103591	20.612	ug/l	98
49) 1,4-Dioxane	9.682	88	21469	335.910	ug/l #	92
51) 4-Methyl-2-Pentanone	10.423	43	692727	106.698	ug/l	99
52) Toluene	10.606	92	194573	20.940	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	125115	20.303	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	132169	20.395	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	76463	21.269	ug/l	98
56) Ethyl methacrylate	10.859	69	115793	20.391	ug/l	99
57) 1,3-Dichloropropane	11.141	76	134721	20.773	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	279608	85.407	ug/l	99
59) 2-Hexanone	11.176	43	413196	101.028	ug/l	98
60) Dibromochloromethane	11.335	129	88020	21.478	ug/l	100
61) 1,2-Dibromoethane	11.447	107	77397	21.260	ug/l	98
64) Tetrachloroethene	11.082	164	64200	17.444	ug/l	95
65) Chlorobenzene	11.870	112	204424	19.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	72826	20.707	ug/l	98
67) Ethyl Benzene	11.941	91	350926	19.254	ug/l	98
68) m/p-Xylenes	12.047	106	264504	39.142	ug/l	97
69) o-Xylene	12.376	106	123765	19.211	ug/l	99
70) Styrene	12.388	104	210279	20.102	ug/l	99
71) Bromoform	12.559	173	54485	21.151	ug/l #	97
73) Isopropylbenzene	12.670	105	316021	18.969	ug/l	100
74) N-amyl acetate	12.529	43	7487	1.320	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.917	83	118148	21.936	ug/l	96
76) 1,2,3-Trichloropropane	12.970	75	153298	29.047	ug/l	66
77) Bromobenzene	12.959	156	77783	20.405	ug/l	96
78) n-propylbenzene	13.012	91	407902	20.013	ug/l	99
79) 2-Chlorotoluene	13.100	91	247457	19.882	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	272542	19.742	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	34219	18.394	ug/l #	92
82) 4-Chlorotoluene	13.200	91	257740	20.849	ug/l	100
83) tert-Butylbenzene	13.412	119	226056	19.262	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	274739	20.022	ug/l	98
85) sec-Butylbenzene	13.594	105	329448	19.541	ug/l	99
86) p-Isopropyltoluene	13.706	119	272515	19.712	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	147679	19.901	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	151712	19.518	ug/l	97
89) n-Butylbenzene	14.035	91	255518	19.036	ug/l	97
90) Hexachloroethane	14.311	117	48753	19.304	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	139106	19.921	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	24058	18.410	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	75376	18.167	ug/l	99
94) Hexachlorobutadiene	15.470	225	28573	19.164	ug/l	96
95) Naphthalene	15.611	128	252994	17.597	ug/l	98
96) 1,2,3-Trichlorobenzene	15.811	180	70909	17.561	ug/l	94

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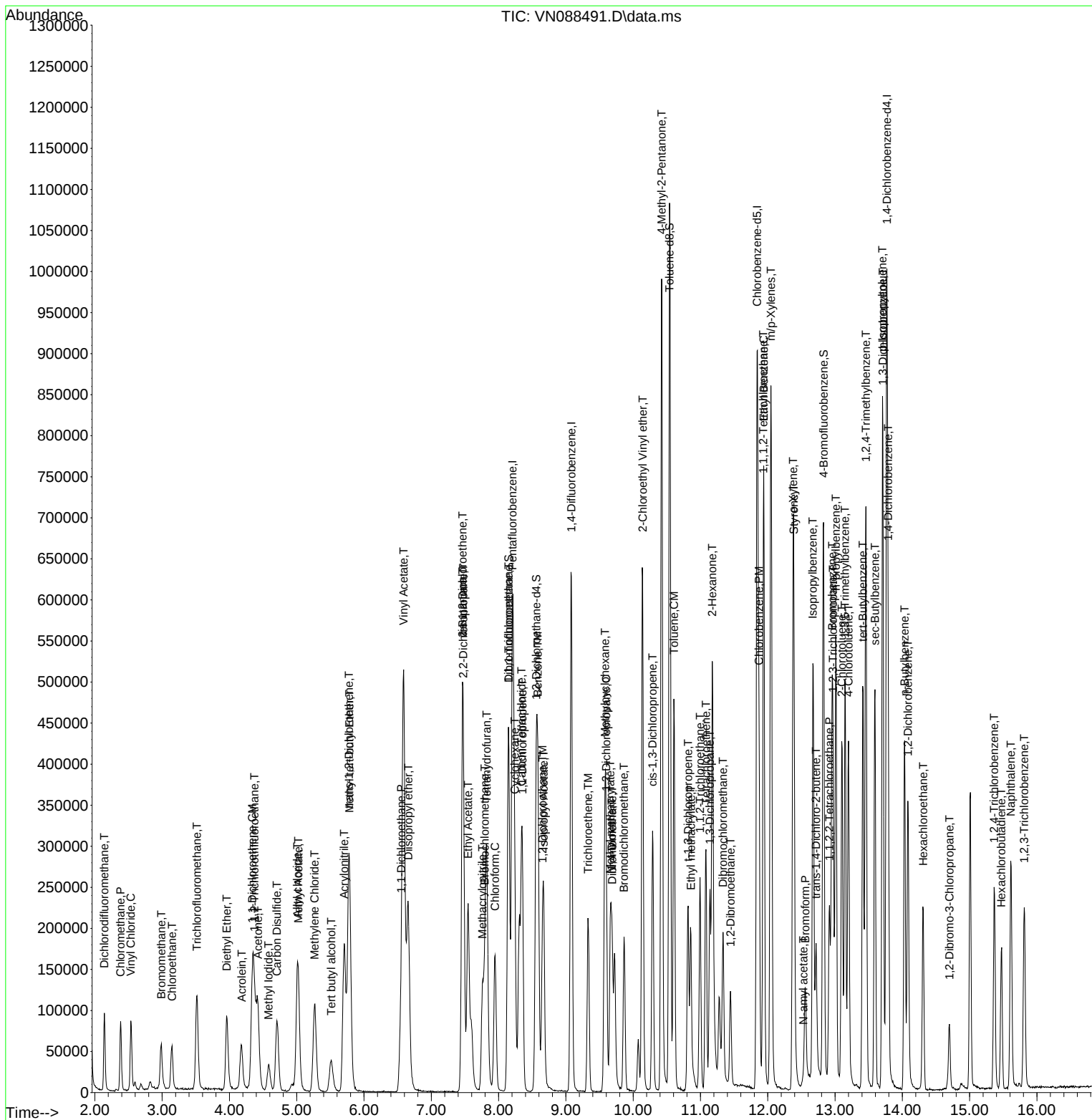
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MSVOA_N
ClientSampleId :

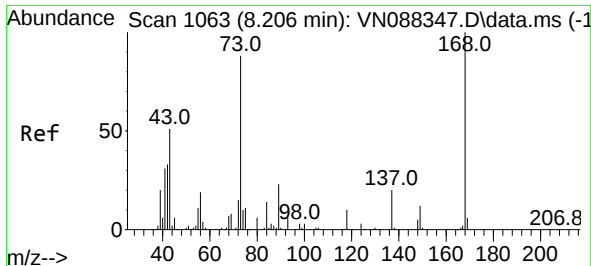
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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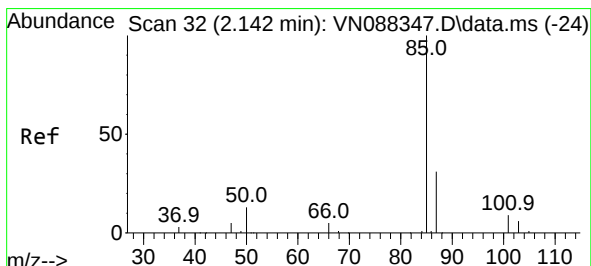
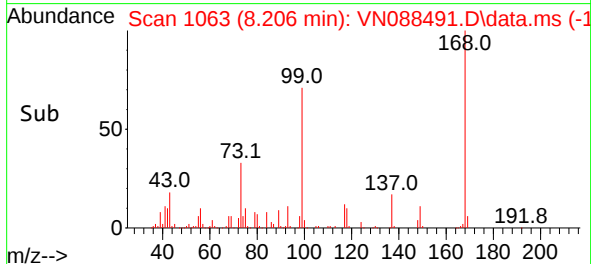
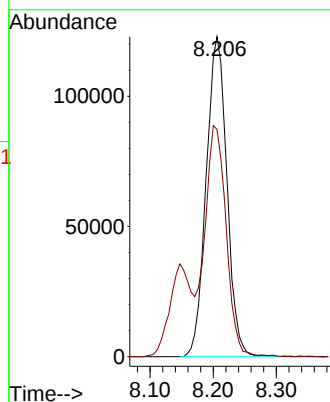
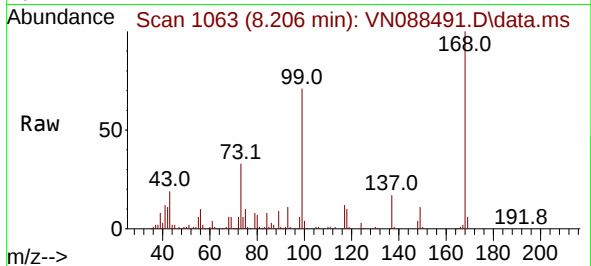




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

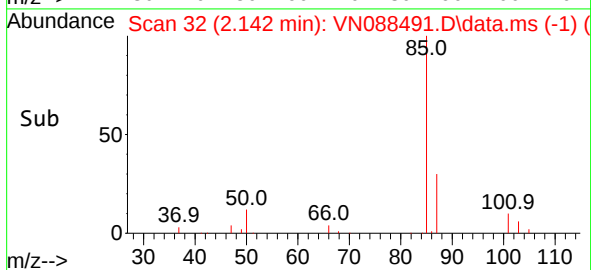
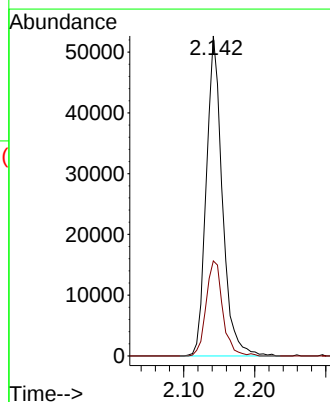
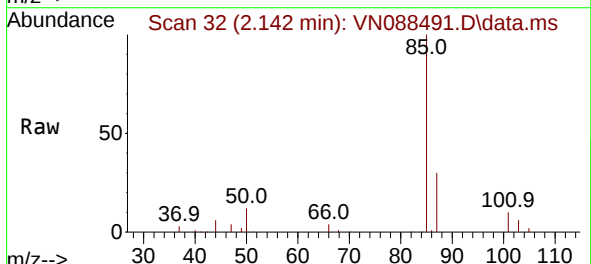
Instrument :
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ClientSampleId :

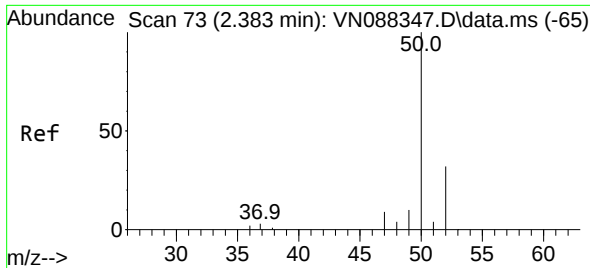
Tgt Ion:168 Resp: 279896
Ion Ratio Lower Upper
168 100
99 70.9 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 19.683 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 85 Resp: 82749
Ion Ratio Lower Upper
85 100
87 29.7 15.6 46.7

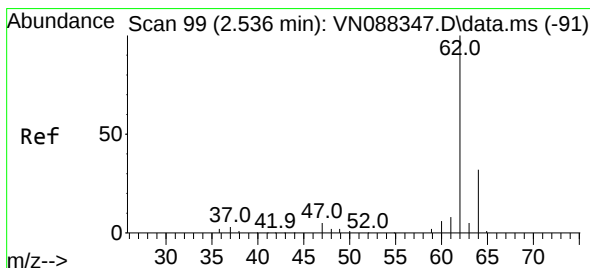
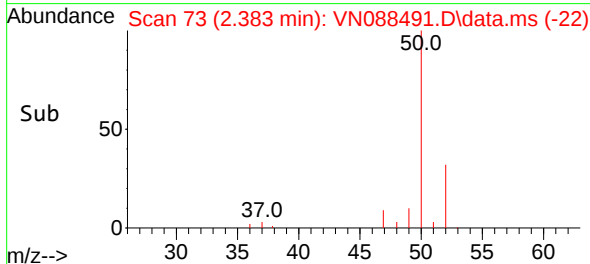
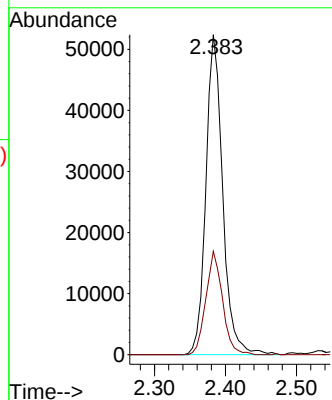
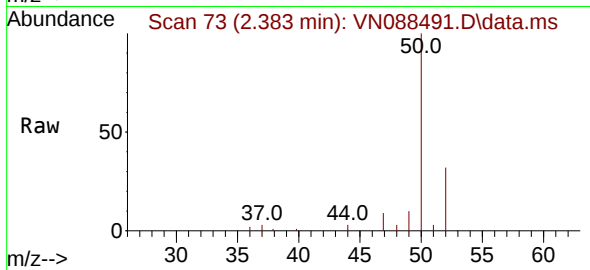




#3
Chloromethane
Concen: 19.133 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

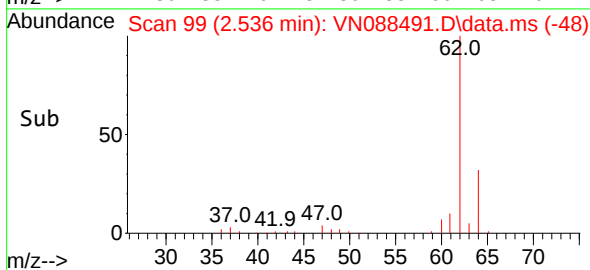
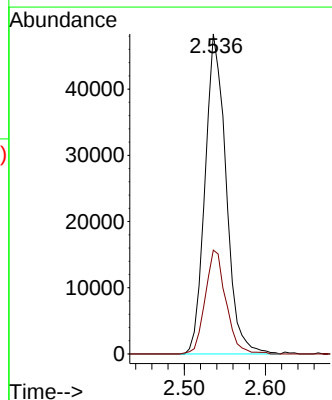
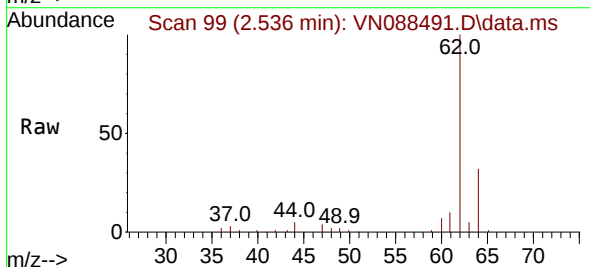
Instrument :
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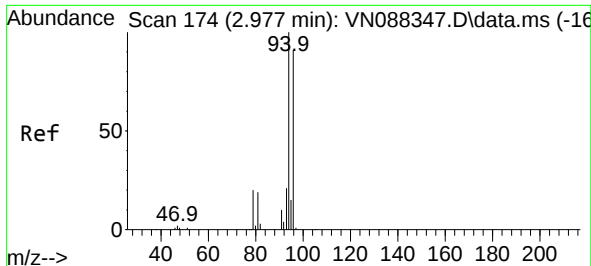
Tgt Ion: 50 Resp: 86390
Ion Ratio Lower Upper
50 100
52 32.3 25.2 37.8



#4
Vinyl Chloride
Concen: 18.887 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 62 Resp: 86755
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.2

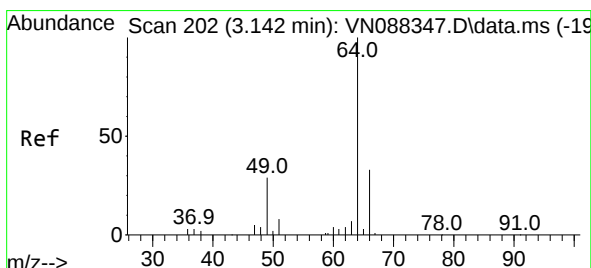
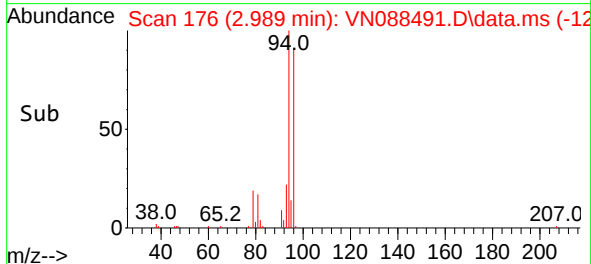
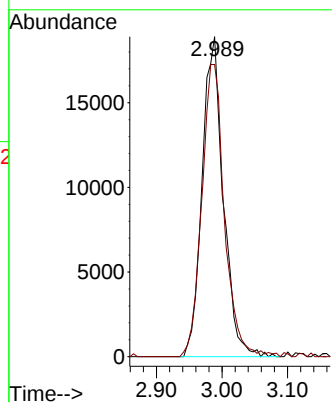
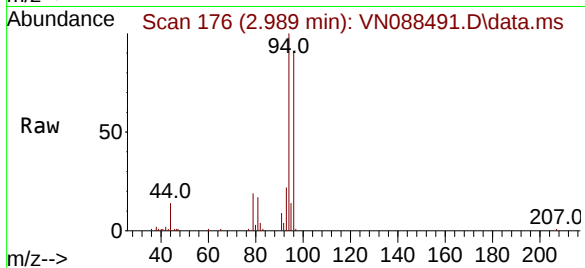




#5
Bromomethane
Concen: 19.180 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

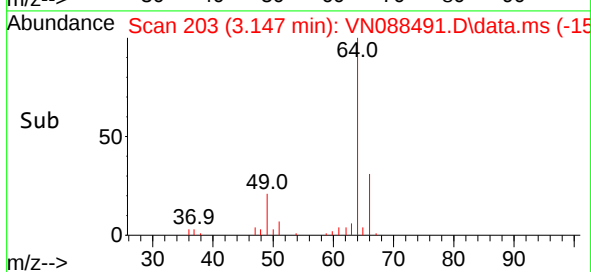
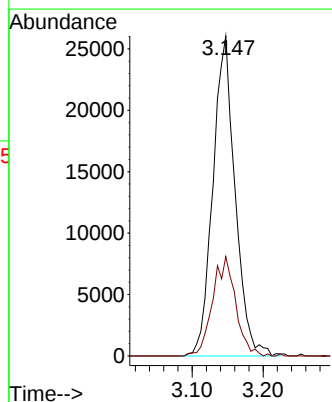
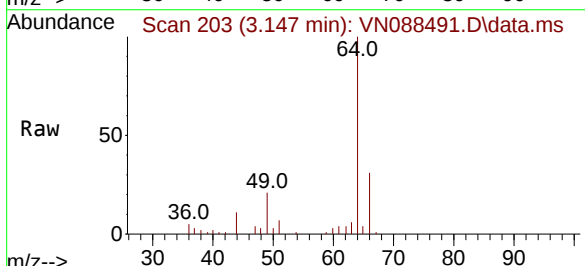
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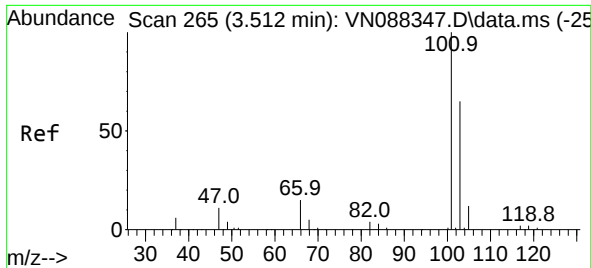
Tgt Ion: 94 Resp: 42404
Ion Ratio Lower Upper
94 100
96 91.3 73.2 109.8



#6
Chloroethane
Concen: 19.901 ug/l
RT: 3.147 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 64 Resp: 56571
Ion Ratio Lower Upper
64 100
66 31.0 26.4 39.6

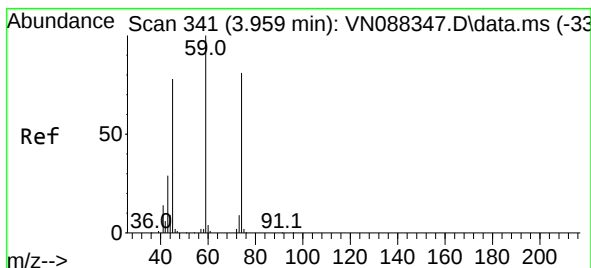
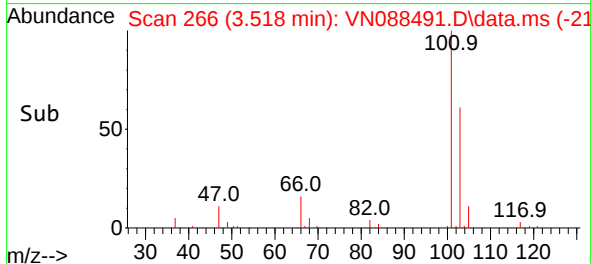
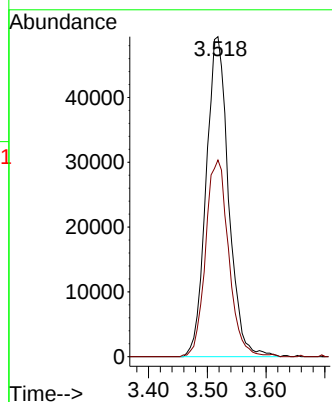
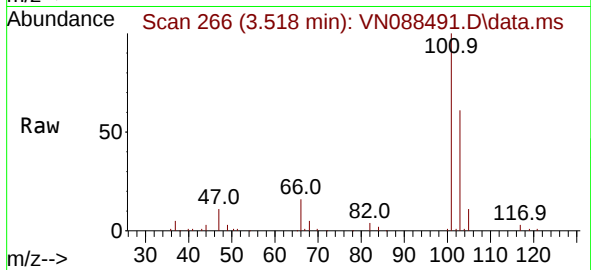




#7
 Trichlorofluoromethane
 Concen: 20.296 ug/l
 RT: 3.518 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

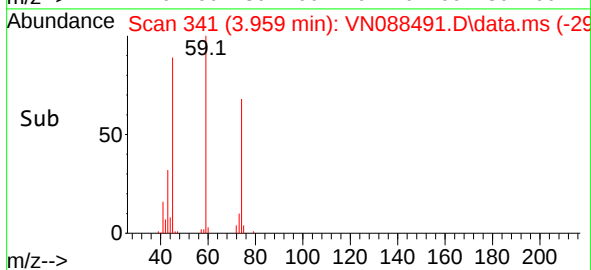
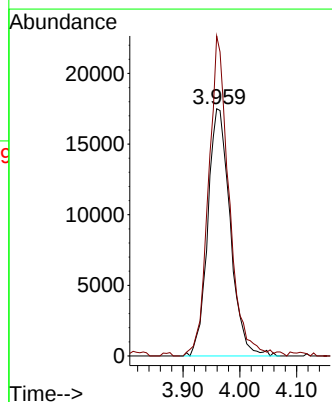
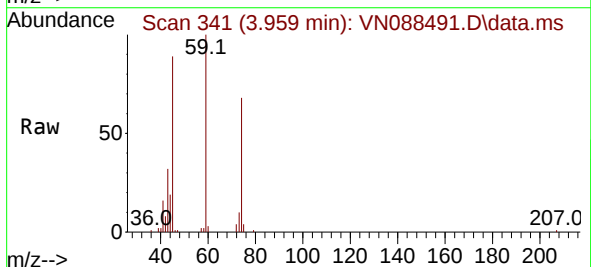
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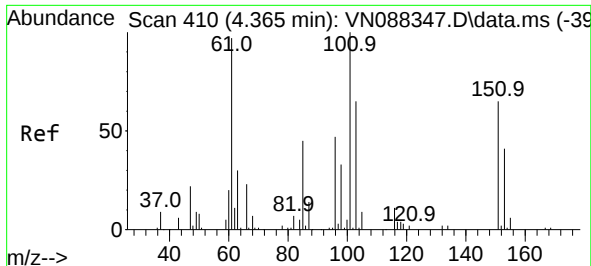
Tgt Ion:101 Resp: 131030
 Ion Ratio Lower Upper
 101 100
 103 61.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.747 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088491.D
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Tgt Ion: 74 Resp: 47849
 Ion Ratio Lower Upper
 74 100
 45 119.0 54.2 162.6

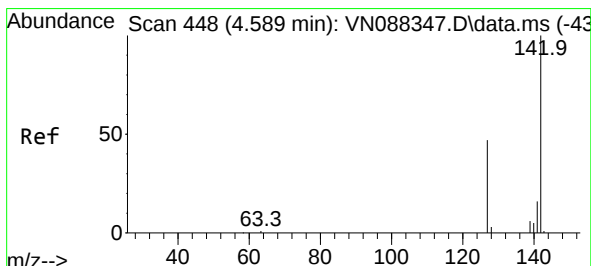
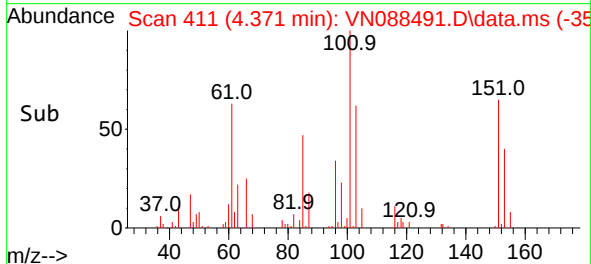
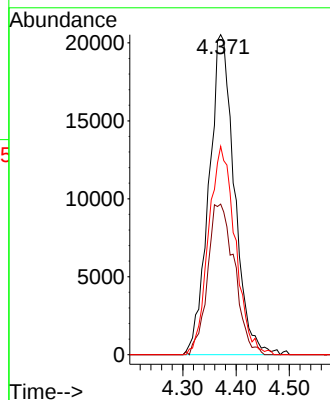
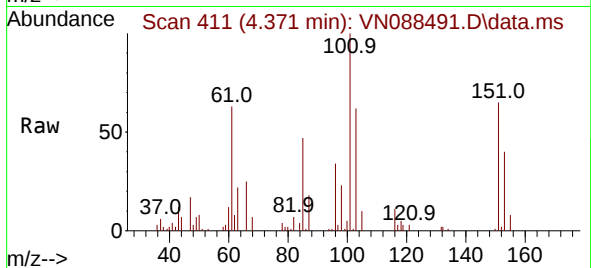




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.835 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

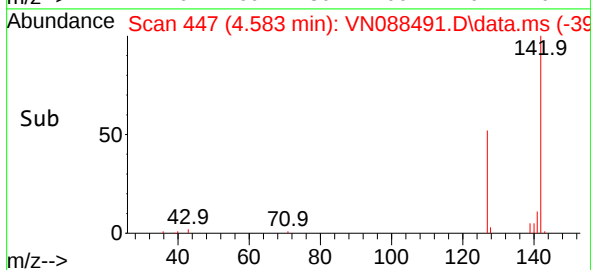
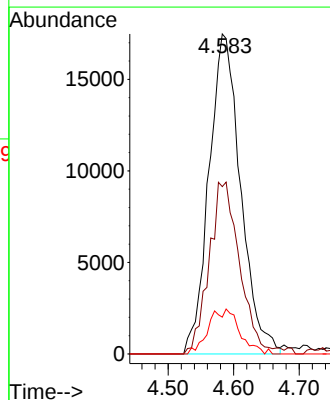
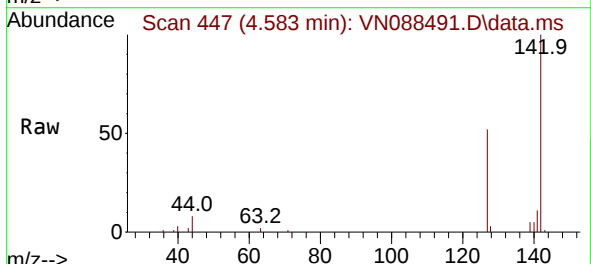
Instrument :
MSVOA_N
ClientSampleId :

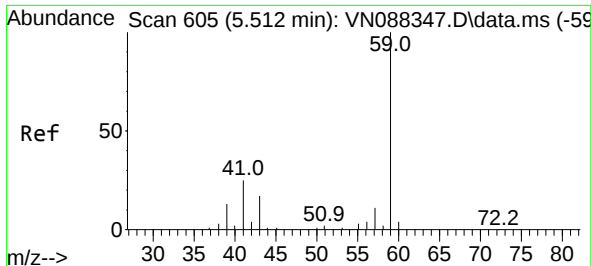
Tgt Ion:101 Resp: 68173
Ion Ratio Lower Upper
101 100
85 49.8 39.2 58.8
151 68.2 53.6 80.4



#10
Methyl Iodide
Concen: 17.217 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion:142 Resp: 58580
Ion Ratio Lower Upper
142 100
127 52.3 37.9 56.9
141 11.5 12.4 18.6#

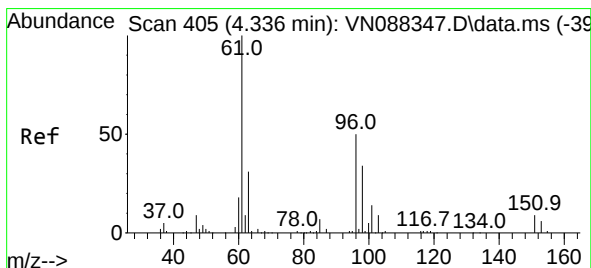
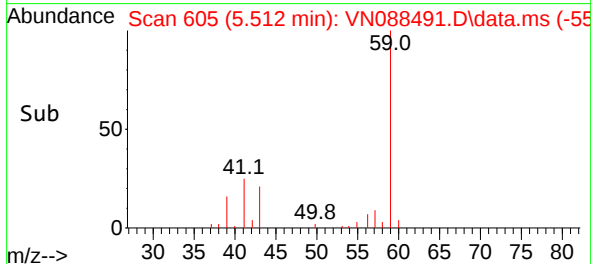
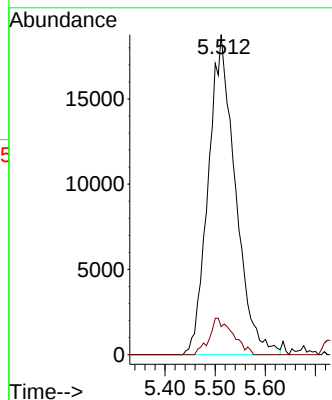
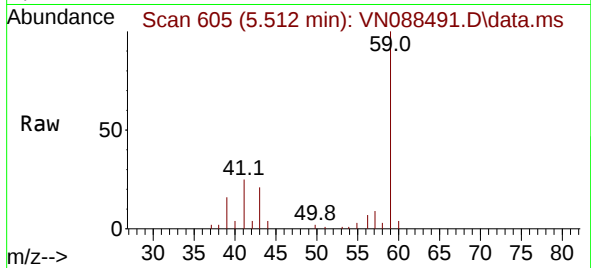




#11
Tert butyl alcohol
Concen: 83.787 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

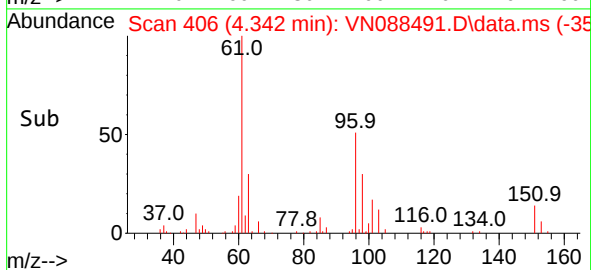
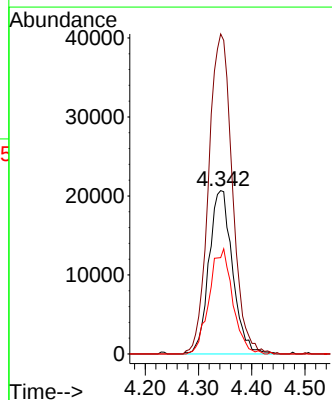
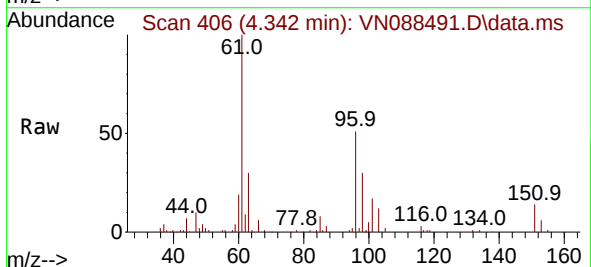
Instrument :
MSVOA_N
ClientSampleId :

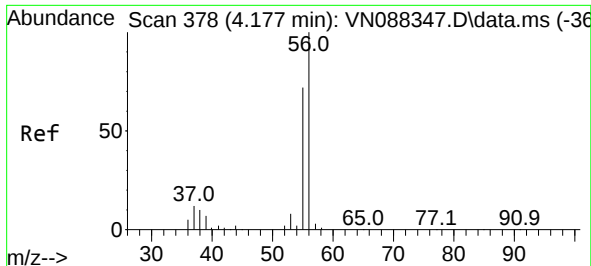
Tgt Ion: 59 Resp: 70533
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.587 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 96 Resp: 63472
Ion Ratio Lower Upper
96 100
61 195.8 159.1 238.7
98 59.0 53.7 80.5





#13

Acrolein

Concen: 87.605 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

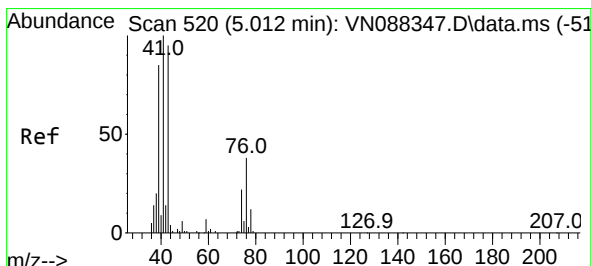
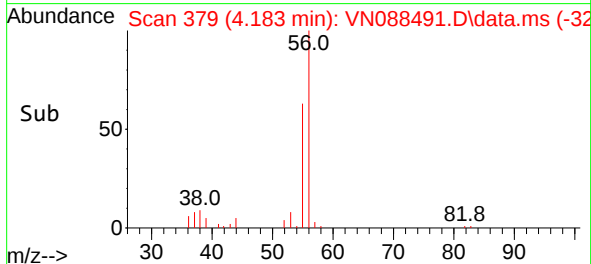
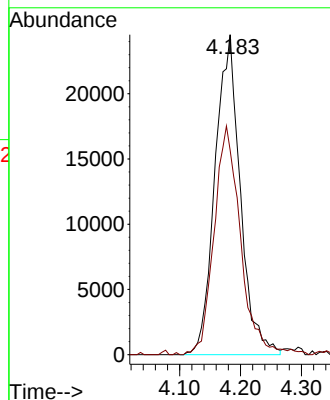
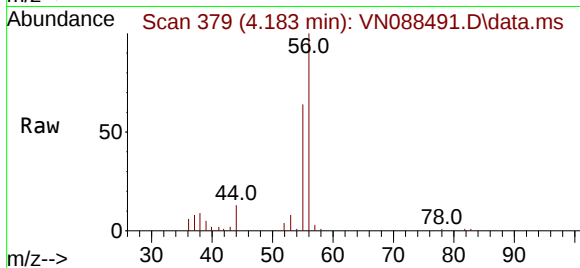
ClientSampleId :

Tgt Ion: 56 Resp: 70604

Ion Ratio Lower Upper

56 100

55 75.0 56.3 84.5



#14

Allyl chloride

Concen: 19.068 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

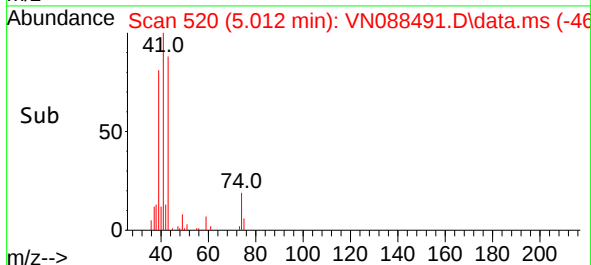
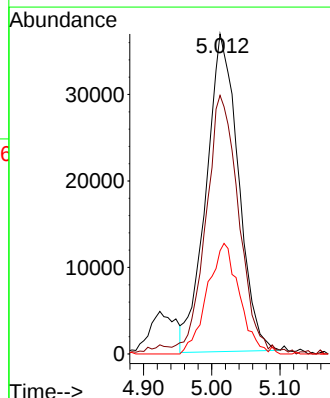
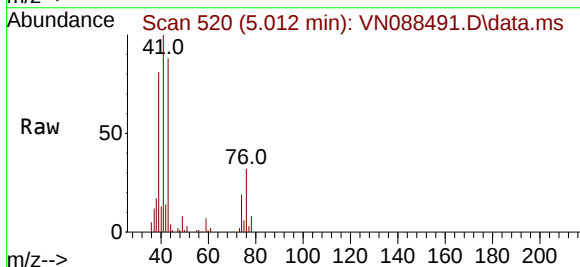
Tgt Ion: 41 Resp: 120689

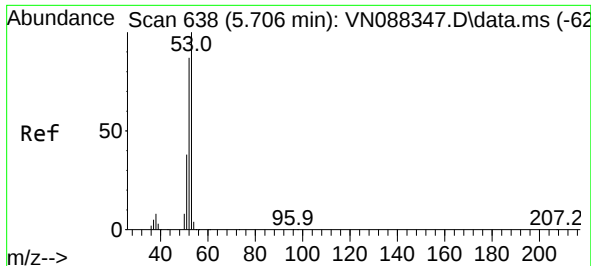
Ion Ratio Lower Upper

41 100

39 83.4 64.7 97.1

76 34.9 29.1 43.7

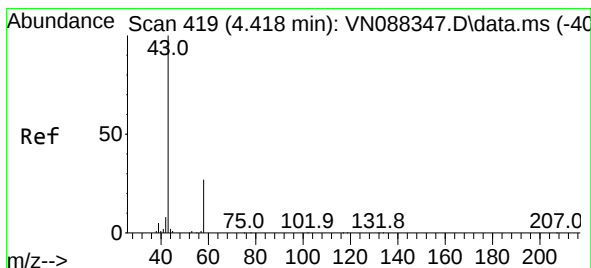
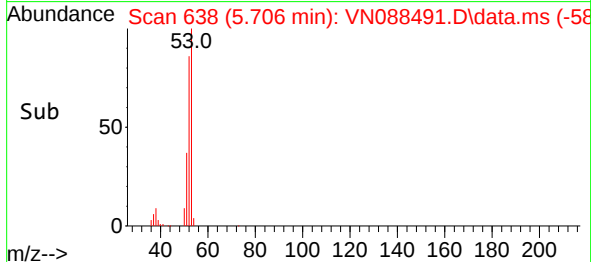
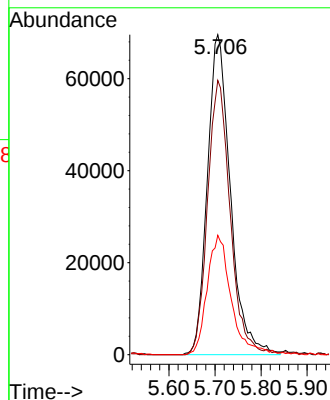
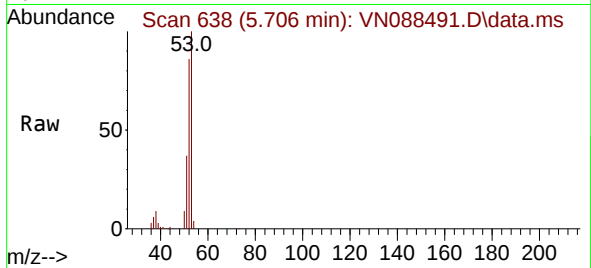




#15
Acrylonitrile
Concen: 99.484 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

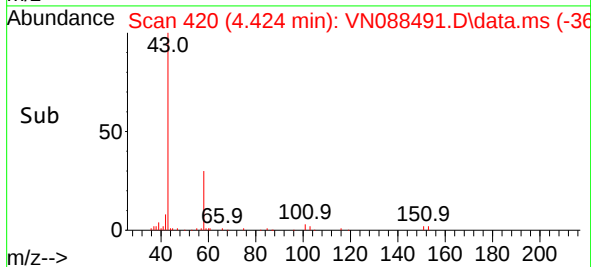
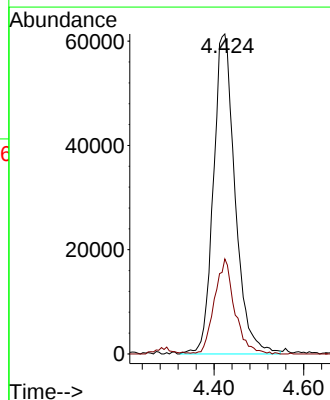
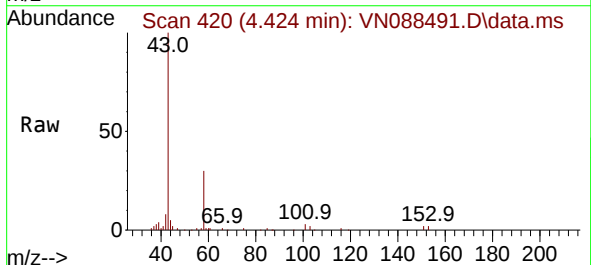
Instrument :
MSVOA_N
ClientSampleId :

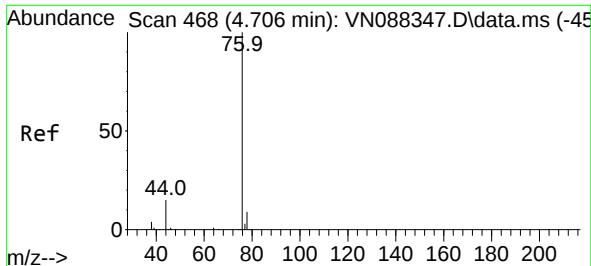
Tgt Ion: 53 Resp: 241627
Ion Ratio Lower Upper
53 100
52 84.2 67.8 101.6
51 38.9 29.8 44.8



#16
Acetone
Concen: 108.282 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 43 Resp: 206481
Ion Ratio Lower Upper
43 100
58 29.7 21.7 32.5

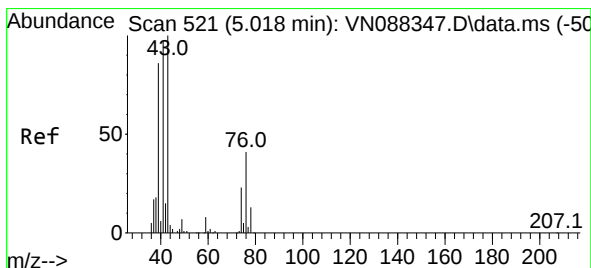
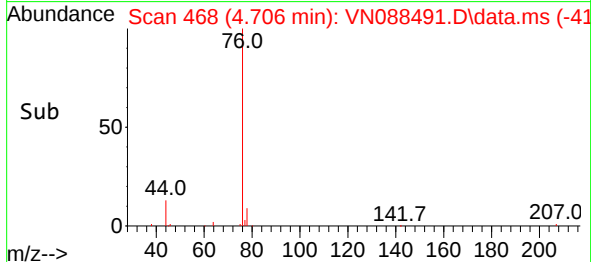
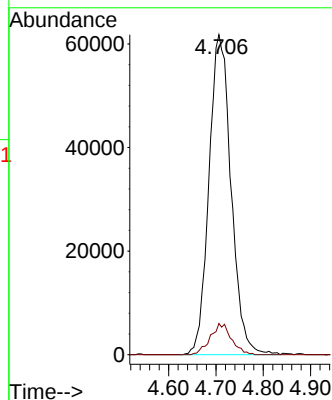
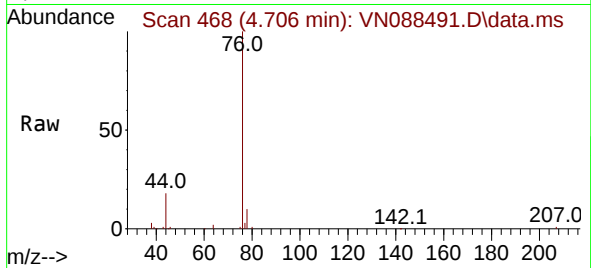




#17
Carbon Disulfide
Concen: 17.950 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

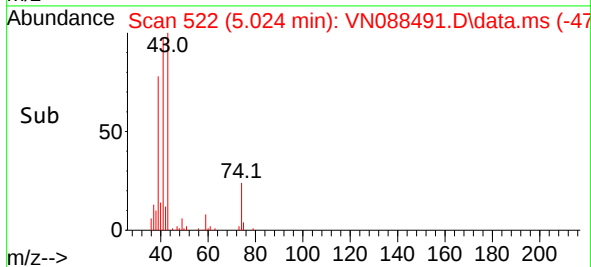
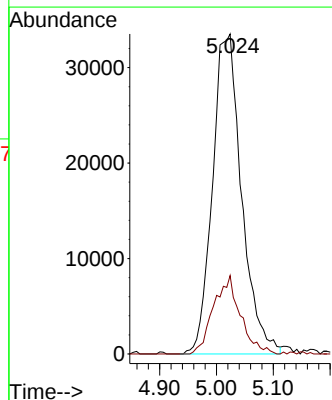
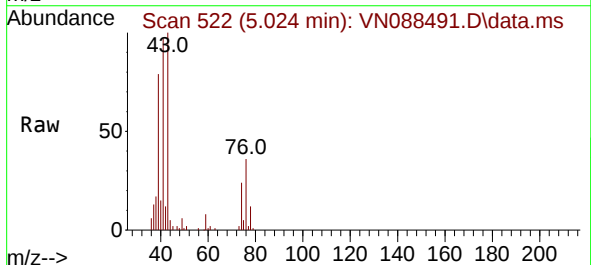
Instrument :
MSVOA_N
ClientSampleId :

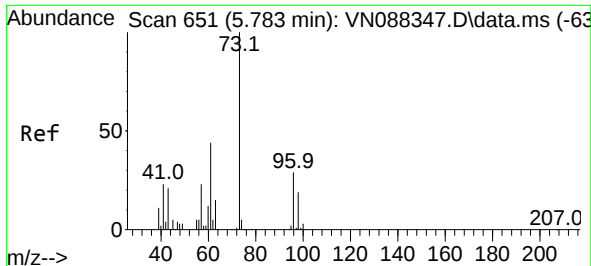
Tgt Ion: 76 Resp: 200301
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 21.002 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 43 Resp: 119208
Ion Ratio Lower Upper
43 100
74 22.5 17.9 26.9

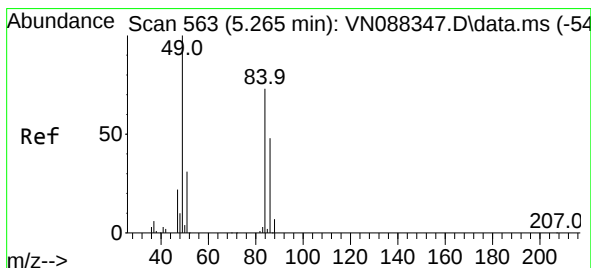
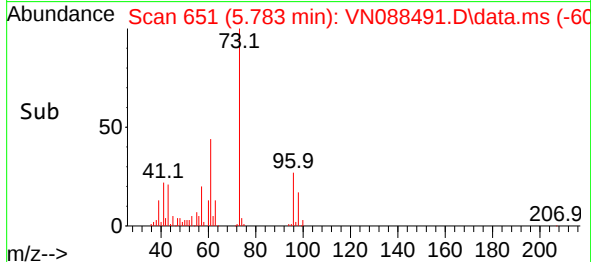
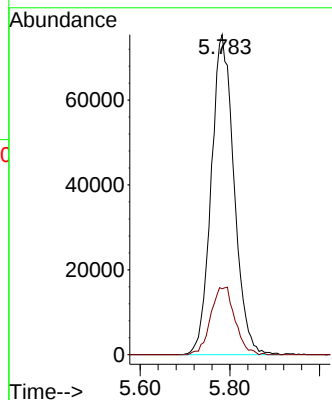
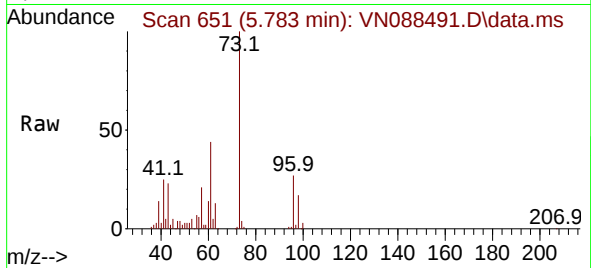




#19
Methyl tert-butyl Ether
Concen: 20.844 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

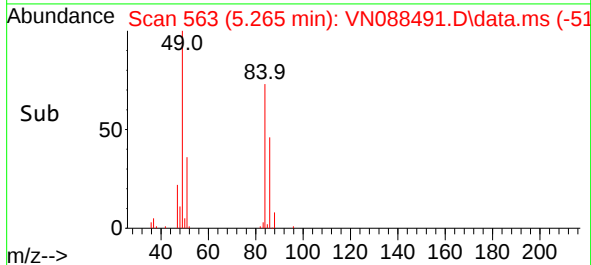
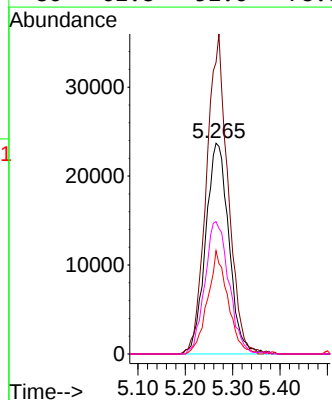
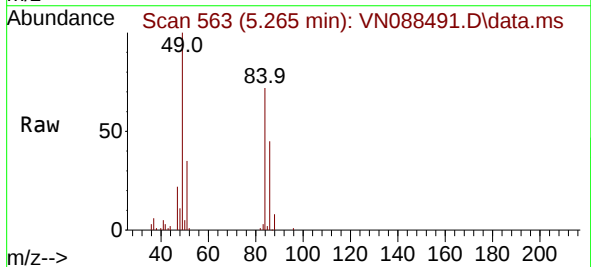
Instrument :
MSVOA_N
ClientSampleId :

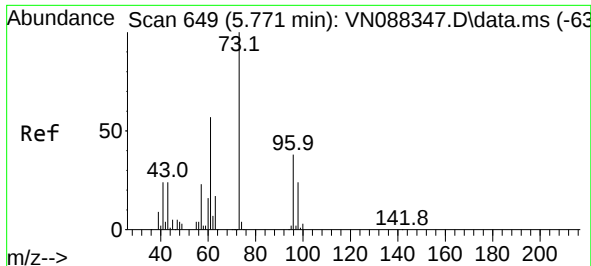
Tgt Ion: 73 Resp: 266679
Ion Ratio Lower Upper
73 100
57 20.6 18.6 28.0



#20
Methylene Chloride
Concen: 19.838 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 84 Resp: 80934
Ion Ratio Lower Upper
84 100
49 138.3 110.2 165.2
51 49.0 34.1 51.1
86 62.8 52.6 78.8

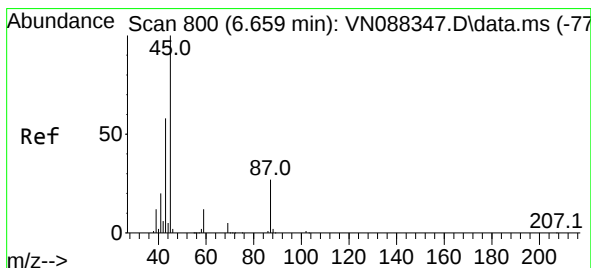
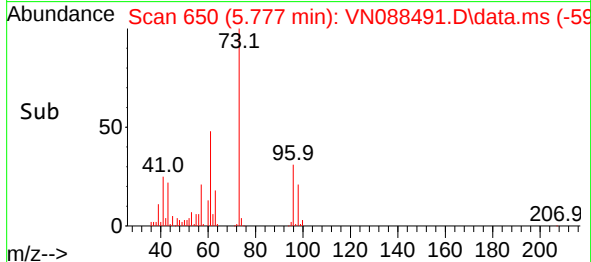
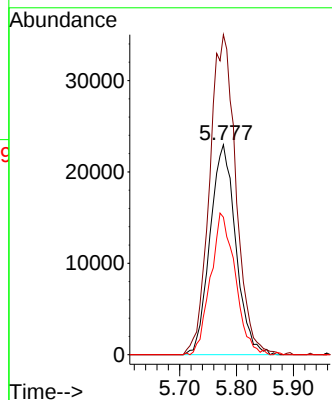
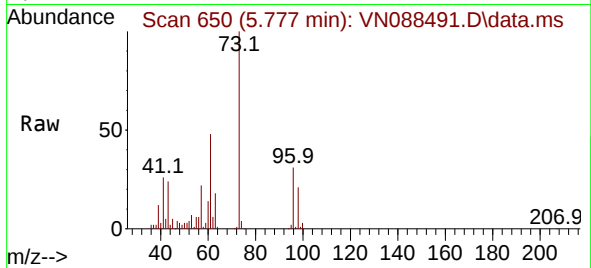




#21
trans-1,2-Dichloroethene
Concen: 19.117 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

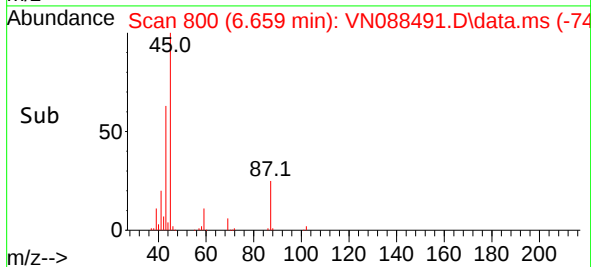
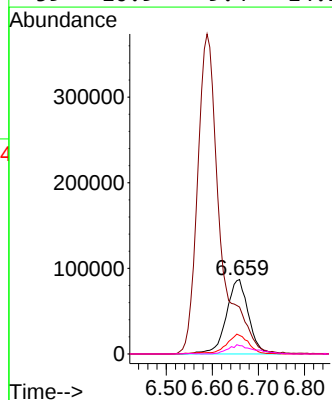
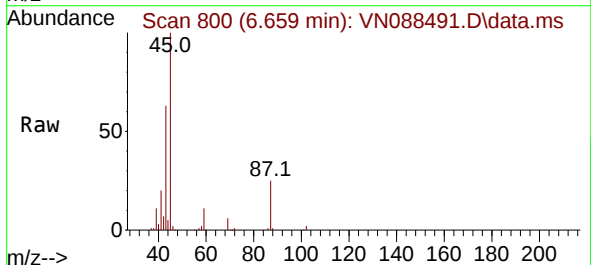
Instrument :
MSVOA_N
ClientSampleId :

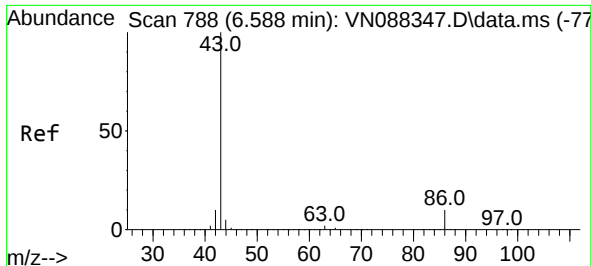
Tgt Ion: 96 Resp: 72315
Ion Ratio Lower Upper
96 100
61 152.5 122.4 183.6
98 65.5 50.9 76.3



#22
Diisopropyl ether
Concen: 21.406 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 45 Resp: 289254
Ion Ratio Lower Upper
45 100
43 61.7 47.4 71.2
87 24.6 21.9 32.9
59 10.9 9.4 14.2

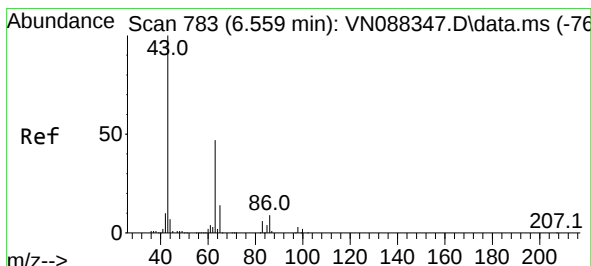
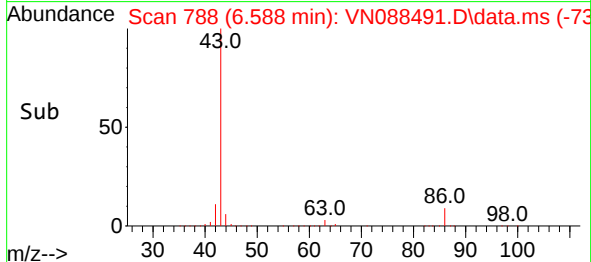
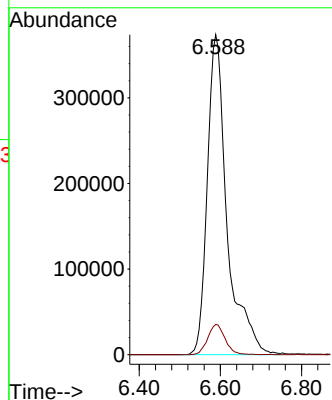
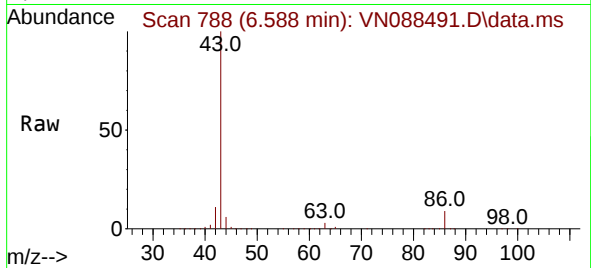




#23
 Vinyl Acetate
 Concen: 115.750 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

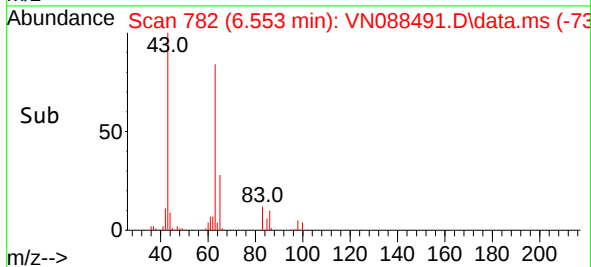
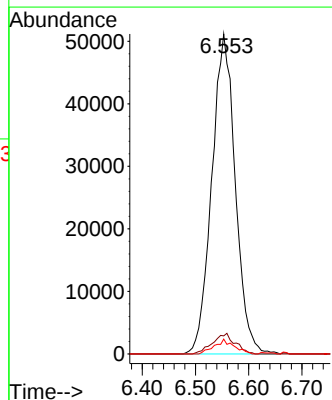
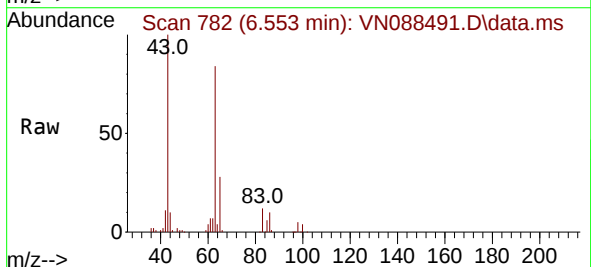
Instrument :
 MSVOA_N
 ClientSampleId :

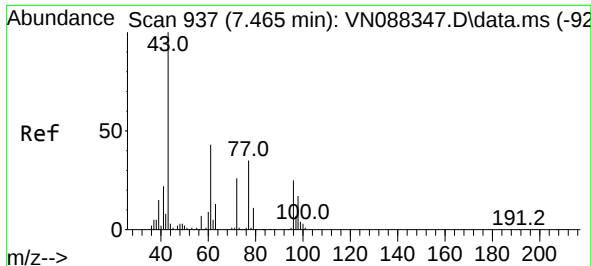
Tgt Ion: 43 Resp: 1260159
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.513 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

Tgt Ion: 63 Resp: 156969
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.4 10.2
 100 4.6 1.9 5.7

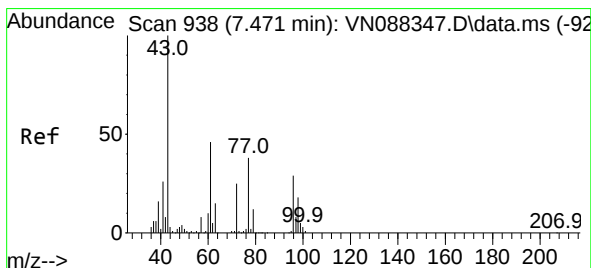
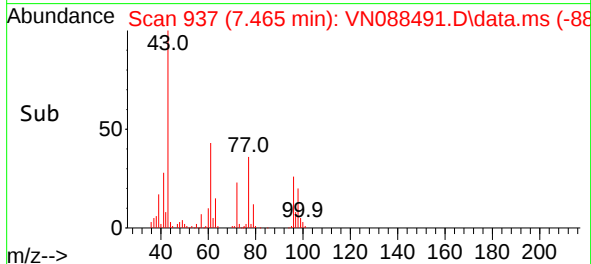
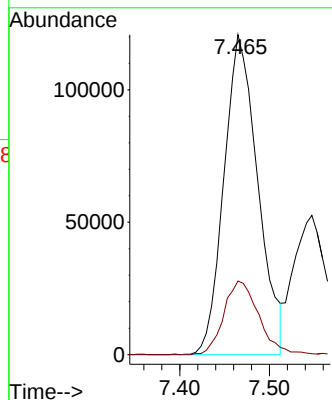
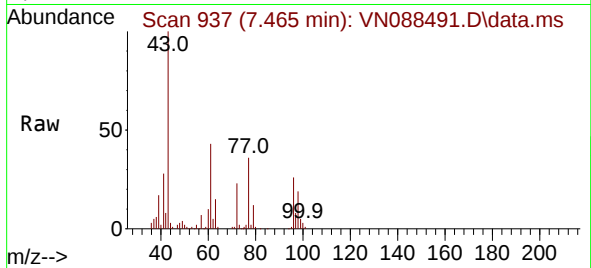




#25
2-Butanone
Concen: 103.459 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

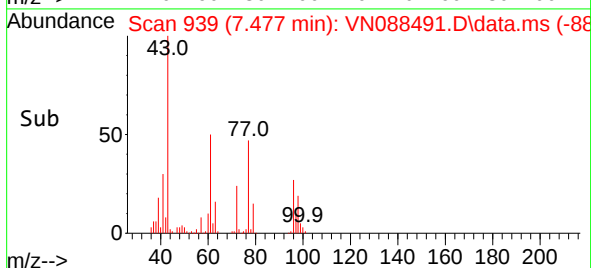
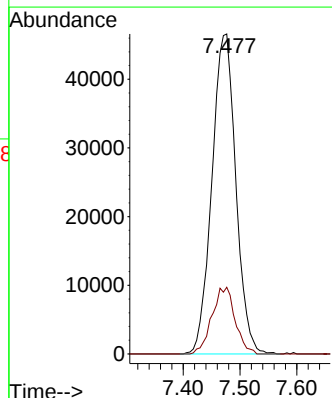
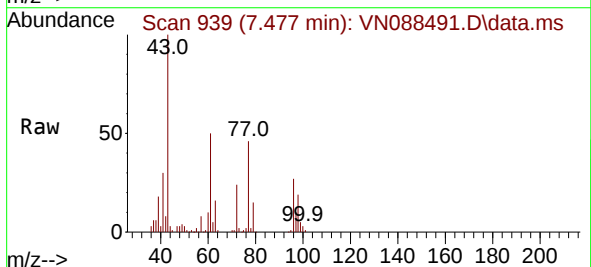
Instrument :
MSVOA_N
ClientSampleId :

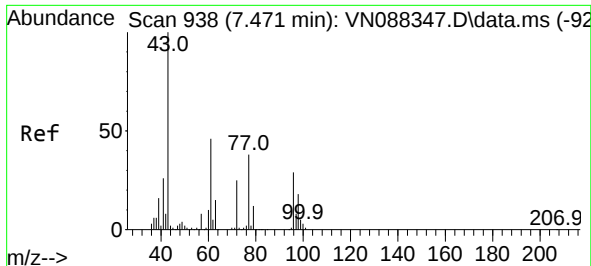
Tgt Ion: 43 Resp: 317156
Ion Ratio Lower Upper
43 100
72 23.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.652 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

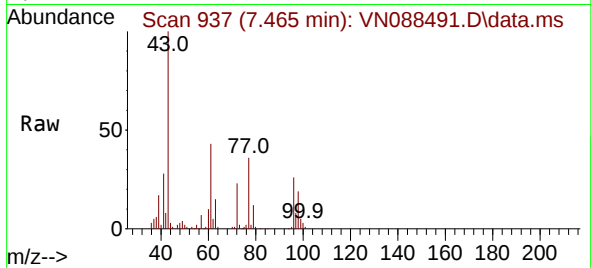
Tgt Ion: 77 Resp: 136406
Ion Ratio Lower Upper
77 100
97 20.1 10.3 30.9



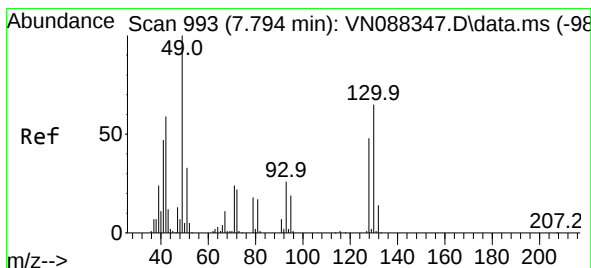
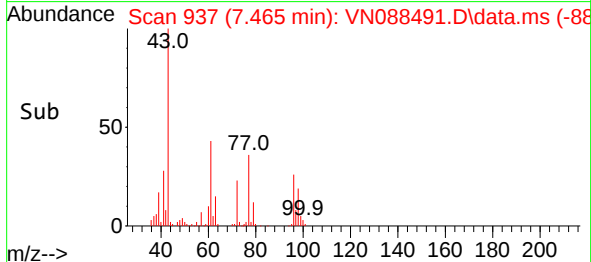
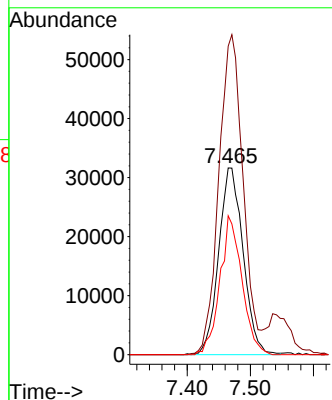


#27
 cis-1,2-Dichloroethene
 Concen: 19.371 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

Instrument :
 MSVOA_N
 ClientSampleId :

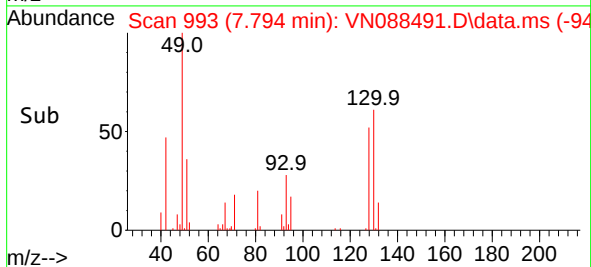
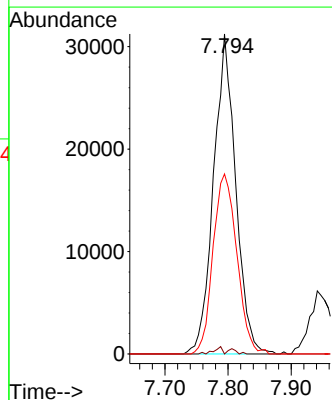
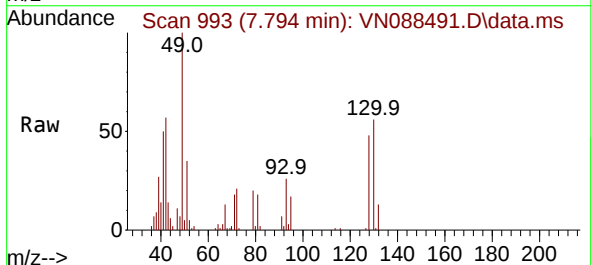


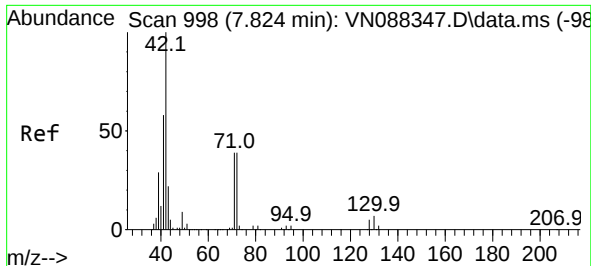
Tgt Ion: 96 Resp: 85160
 Ion Ratio Lower Upper
 96 100
 61 169.9 0.0 323.6
 98 67.0 0.0 127.2



#28
 Bromochloromethane
 Concen: 19.947 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

Tgt Ion: 49 Resp: 76036
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.6
 130 60.6 51.1 76.7





#29

Tetrahydrofuran

Concen: 100.066 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

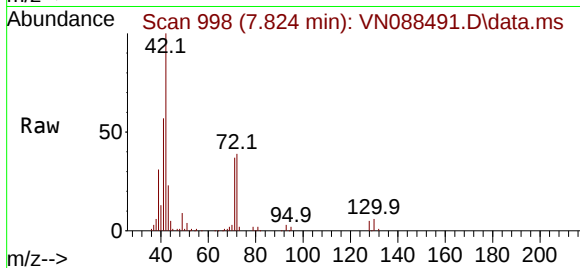
Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

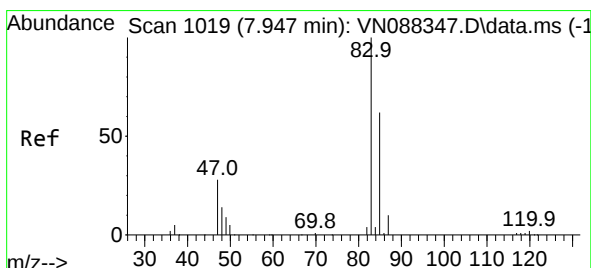
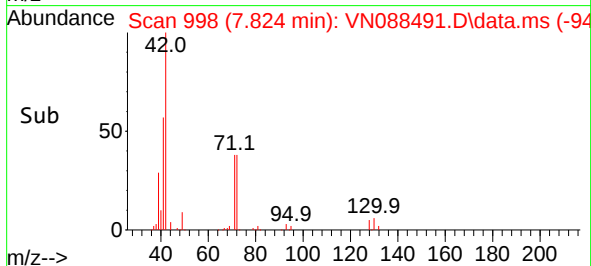
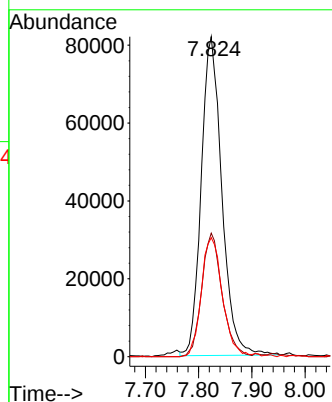
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	220027
Ion	Ratio	Lower	Upper
42	100		
72	38.4	32.2	48.4
71	38.1	31.1	46.7



#30

Chloroform

Concen: 21.079 ug/l

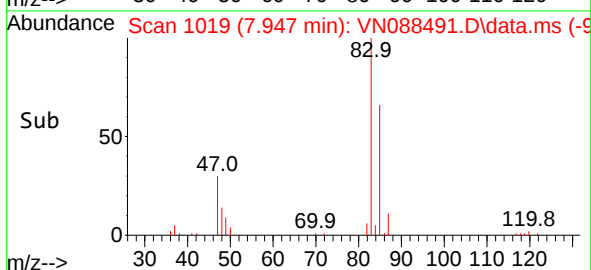
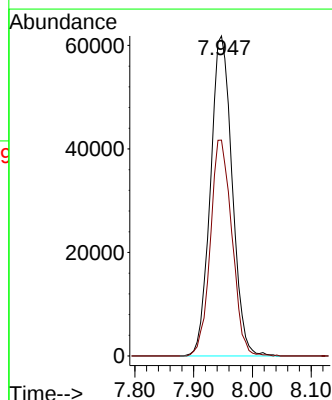
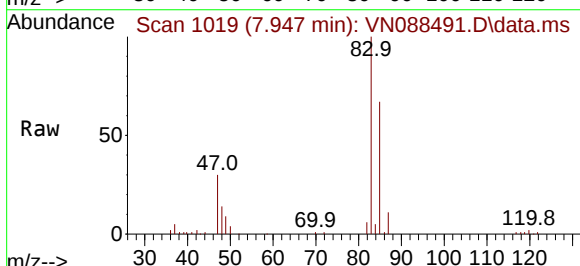
RT: 7.947 min Scan# 1019

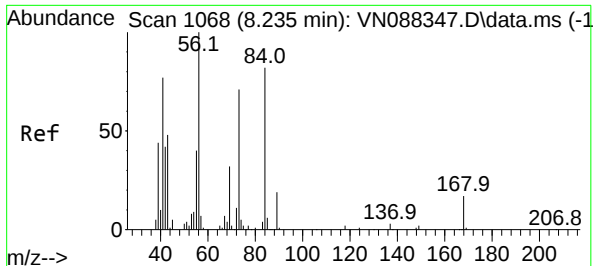
Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

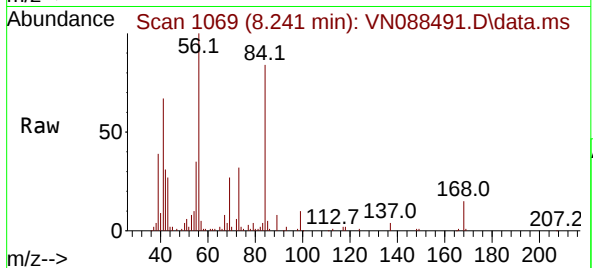
Tgt Ion:	83	Resp:	158499
Ion	Ratio	Lower	Upper
83	100		
85	67.4	49.8	74.8



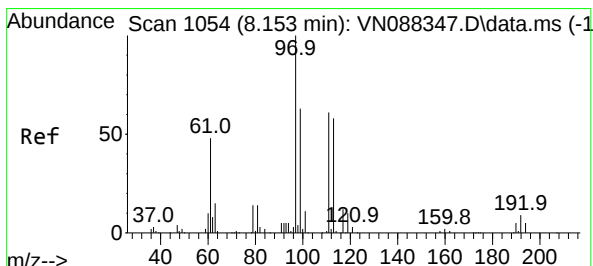
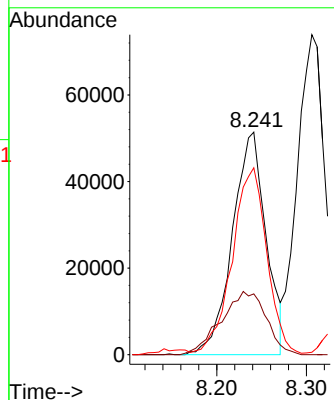
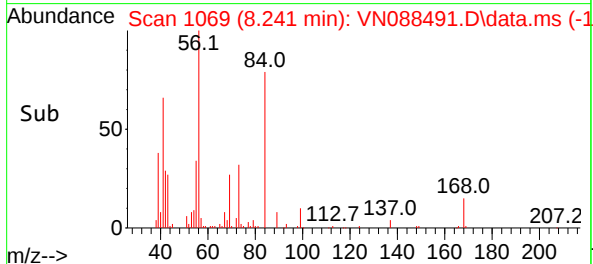


#31
Cyclohexane
Concen: 19.297 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :

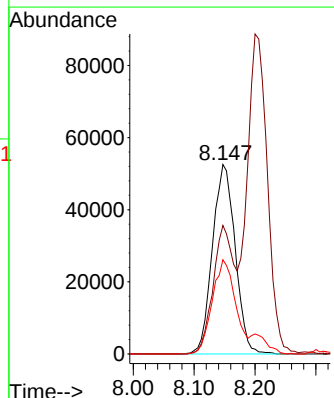
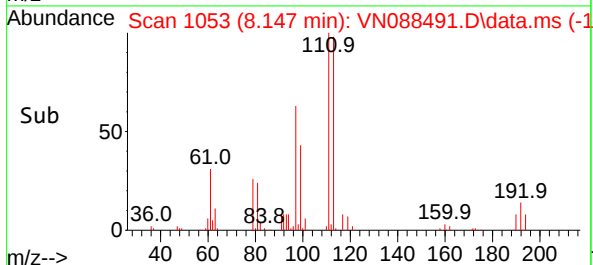
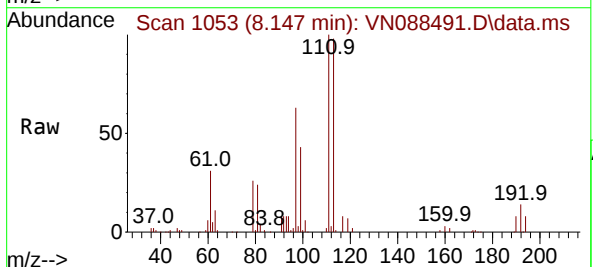


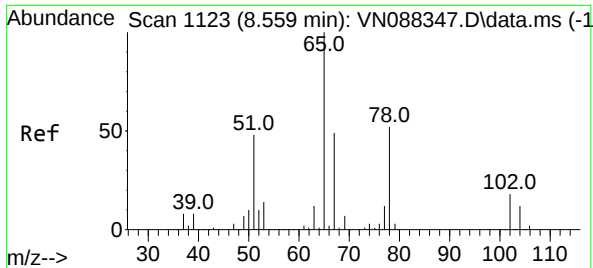
Tgt Ion: 56 Resp: 133815
Ion Ratio Lower Upper
56 100
69 27.3 25.3 37.9
84 81.8 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 20.590 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 97 Resp: 136127
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 50.7 42.2 63.2

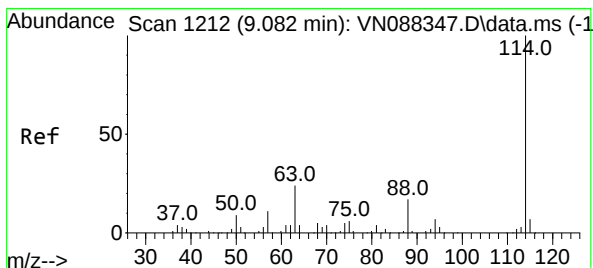
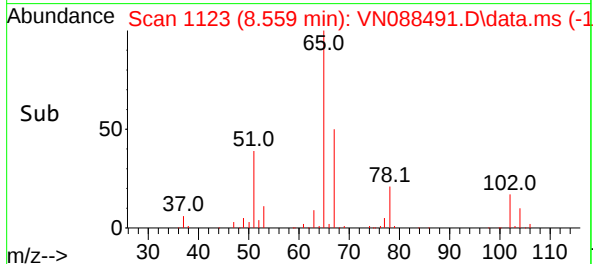
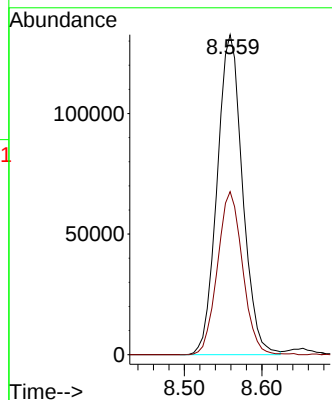
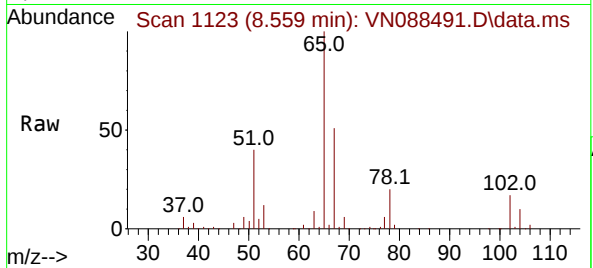




#33
 1,2-Dichloroethane-d4
 Concen: 57.300 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

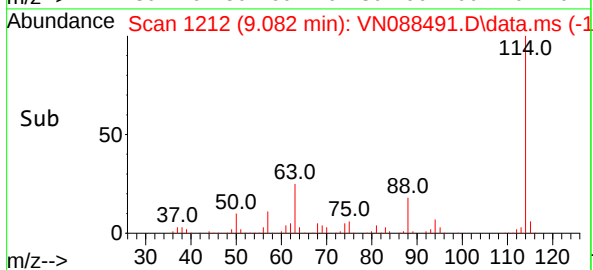
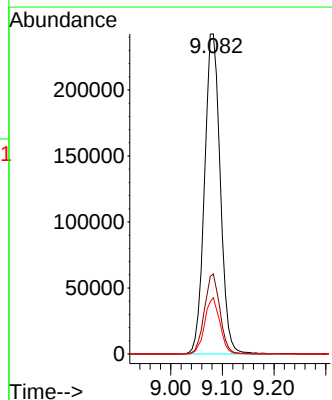
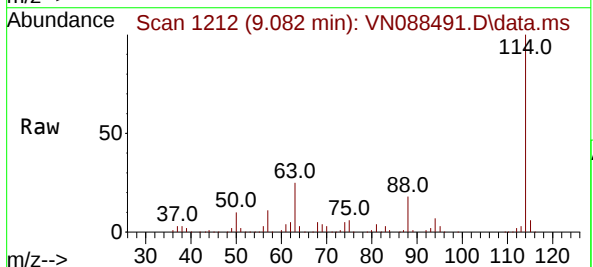
Instrument :
 MSVOA_N
 ClientSampleId :

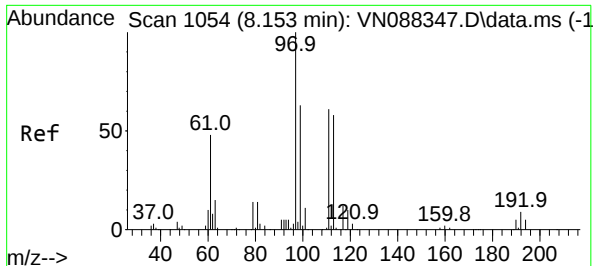
Tgt Ion: 65 Resp: 302126
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

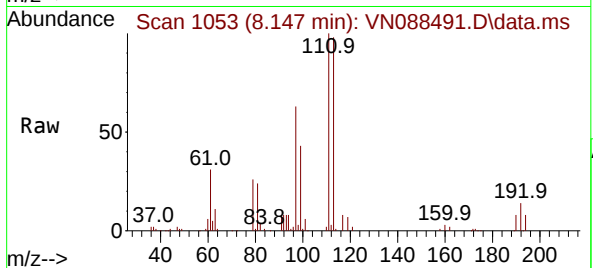
Tgt Ion: 114 Resp: 512638
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.0
 88 17.6 0.0 34.0



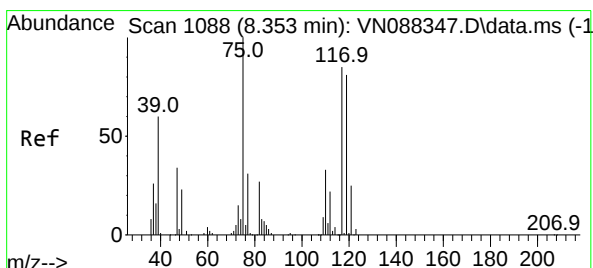
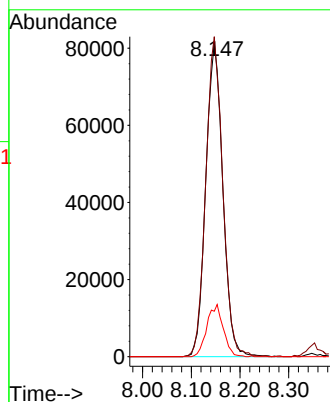
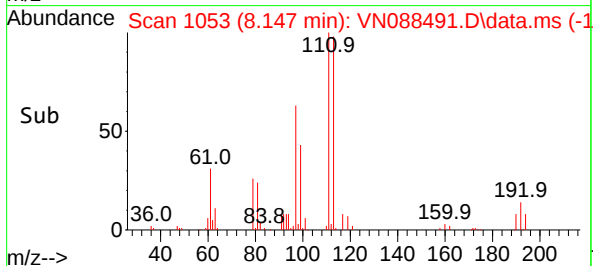


#35
Dibromofluoromethane
Concen: 55.580 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

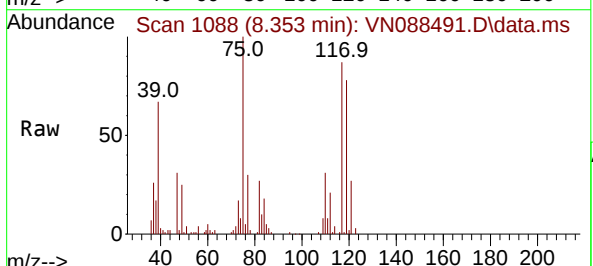
Instrument :
MSVOA_N
ClientSampleId :



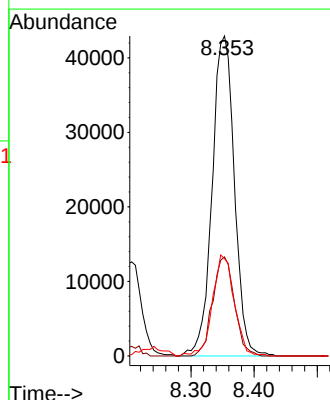
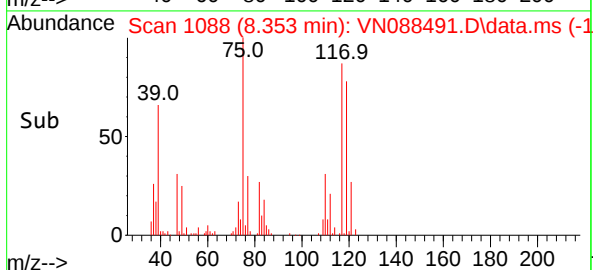
Tgt Ion:113 Resp: 197450
Ion Ratio Lower Upper
113 100
111 101.5 82.5 123.7
192 16.0 12.8 19.2

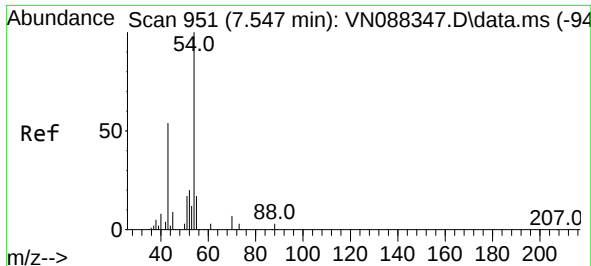


#36
1,1-Dichloropropene
Concen: 19.180 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03



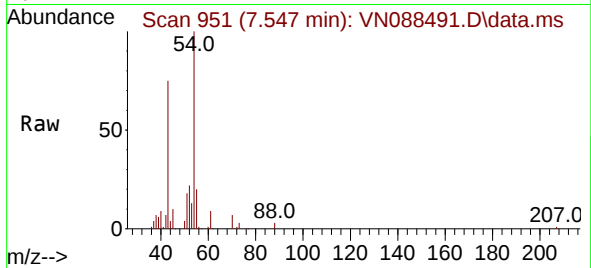
Tgt Ion: 75 Resp: 105160
Ion Ratio Lower Upper
75 100
110 30.3 15.8 47.4
77 30.8 24.2 36.2



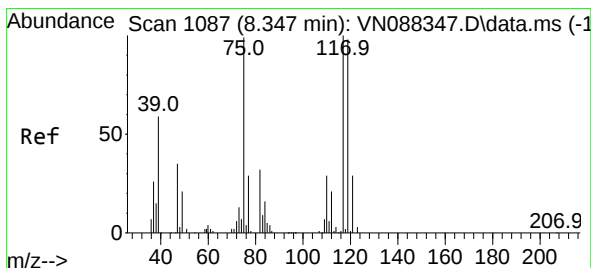
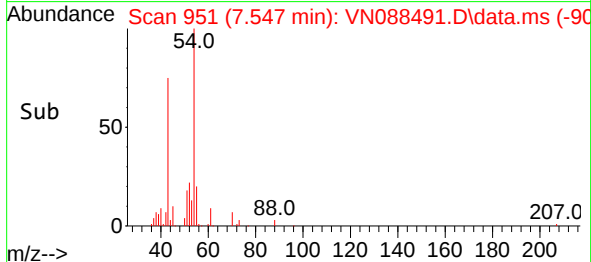
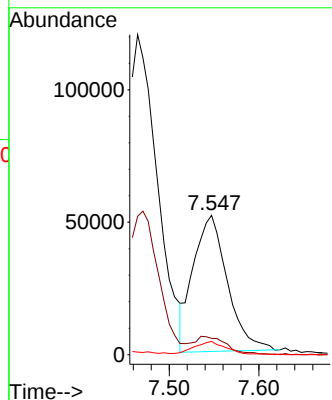


#37
Ethyl Acetate
Concen: 18.859 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :

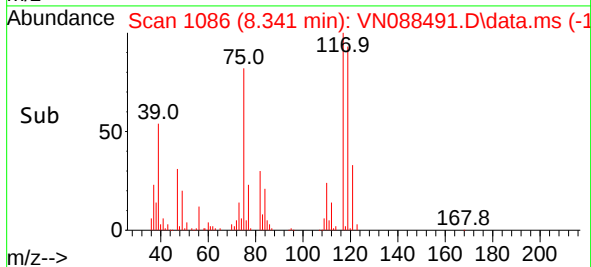
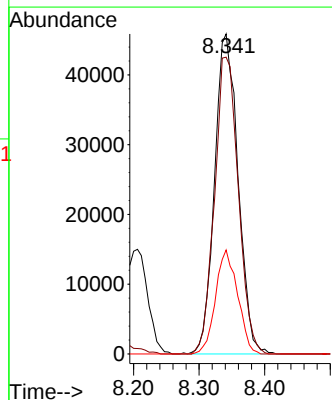
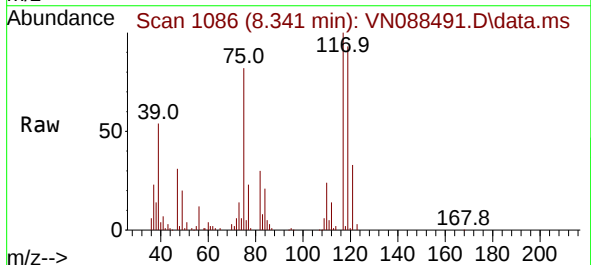


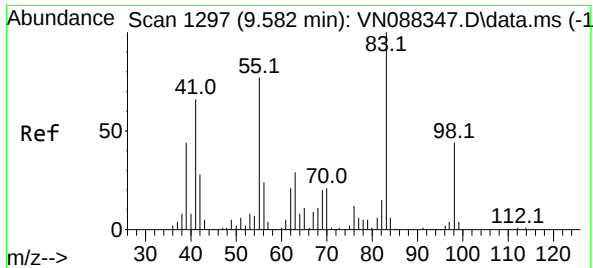
Tgt Ion: 43 Resp: 135954
Ion Ratio Lower Upper
43 100
61 13.3 9.5 14.3
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.898 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 117 Resp: 114063
Ion Ratio Lower Upper
117 100
119 92.7 78.2 117.4
121 32.5 23.4 35.2





#39

Methylcyclohexane

Concen: 18.160 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

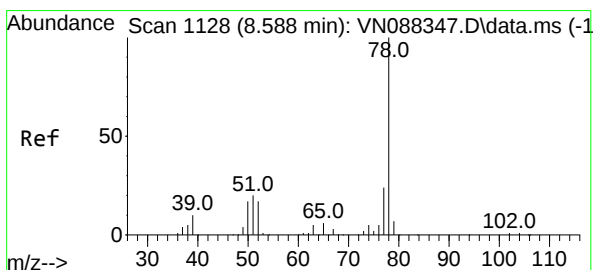
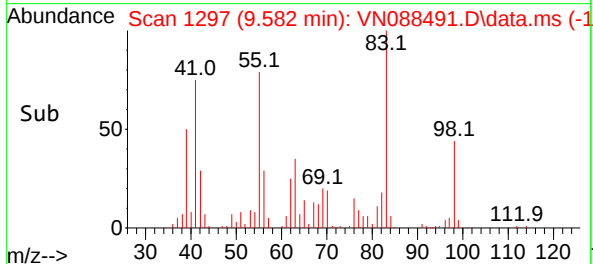
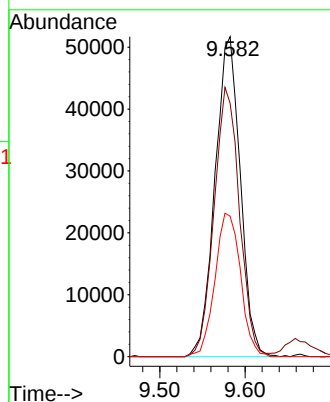
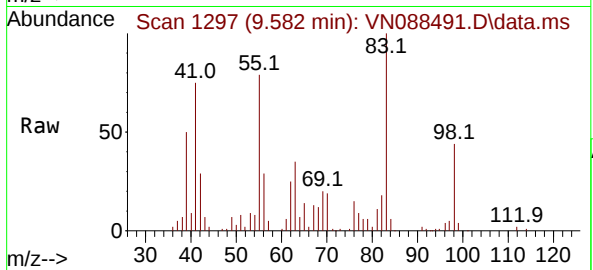
Tgt Ion: 83 Resp: 106499

Ion Ratio Lower Upper

83 100

55 79.2 61.6 92.4

98 43.9 35.3 52.9



#40

Benzene

Concen: 20.020 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088491.D

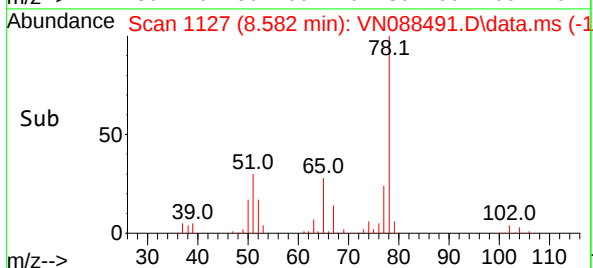
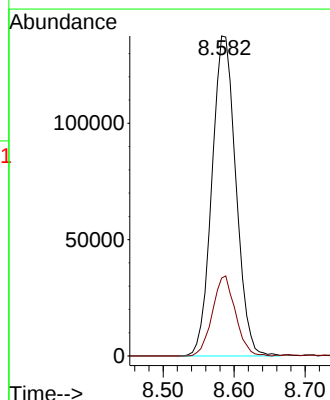
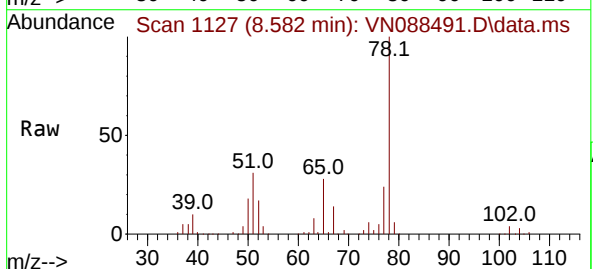
Acq: 10 Dec 2025 12:03

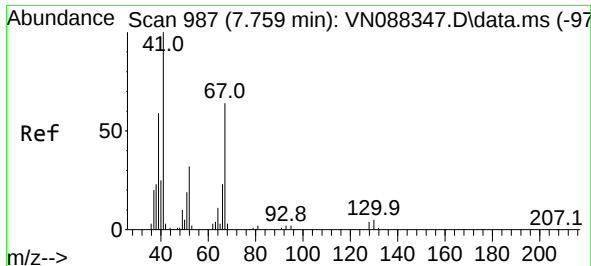
Tgt Ion: 78 Resp: 322165

Ion Ratio Lower Upper

78 100

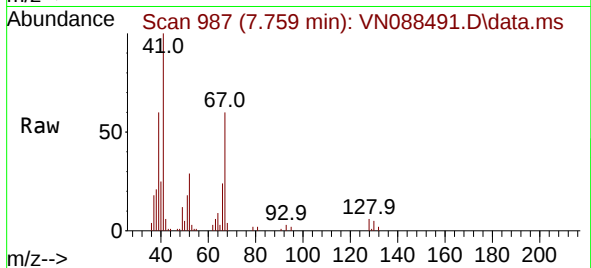
77 24.3 19.0 28.4



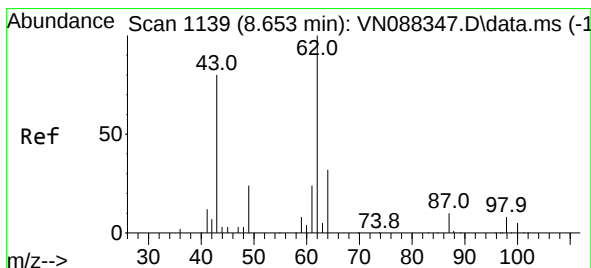
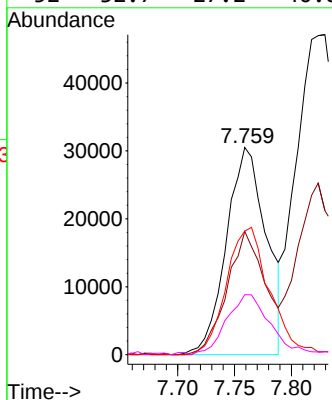
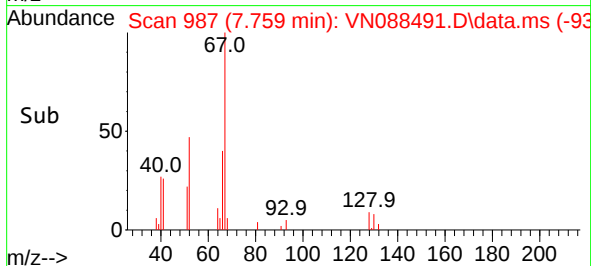


#41
Methacrylonitrile
Concen: 20.936 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :

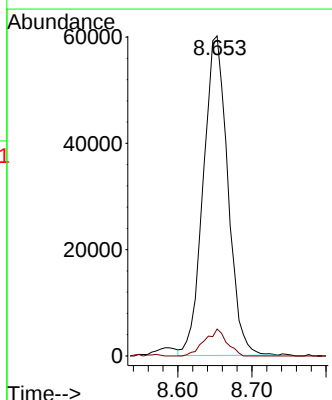
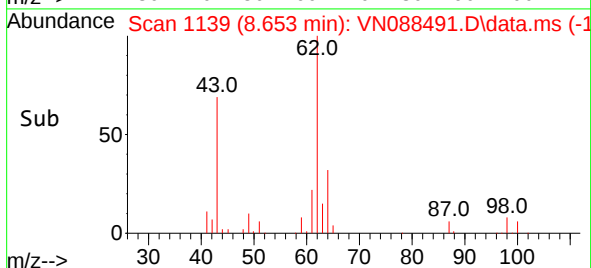
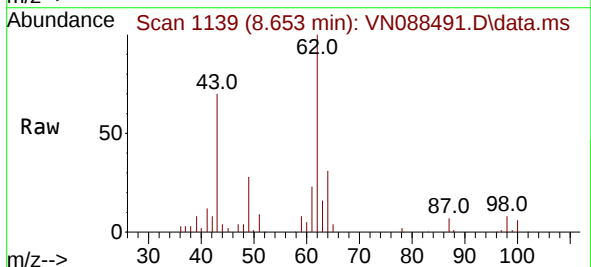


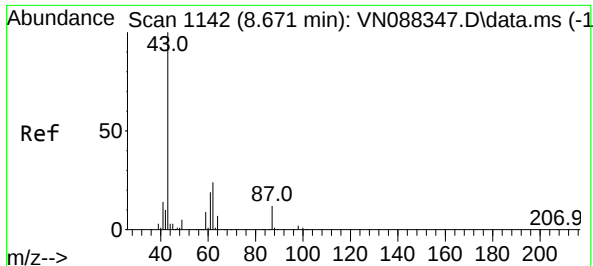
Tgt Ion:	41	Resp:	74755
Ion Ratio	Lower	Upper	
41	100		
39	56.9	46.3	69.5
67	66.7	54.7	82.1
52	32.7	27.2	40.8



#42
1,2-Dichloroethane
Concen: 22.519 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion:	62	Resp:	138256
Ion Ratio	Lower	Upper	
62	100		
98	7.6	0.0	16.2





#43

Isopropyl Acetate

Concen: 20.033 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

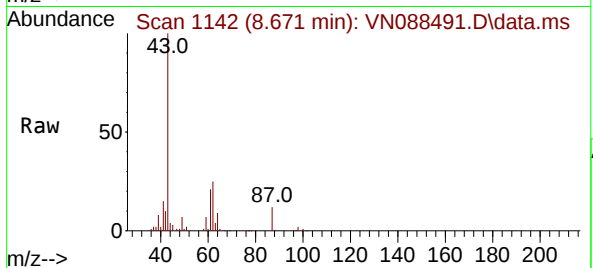
Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :



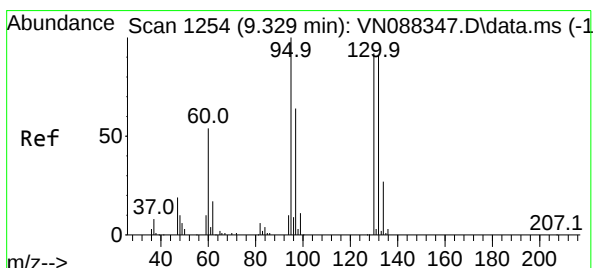
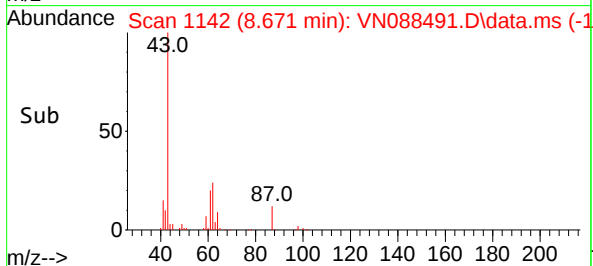
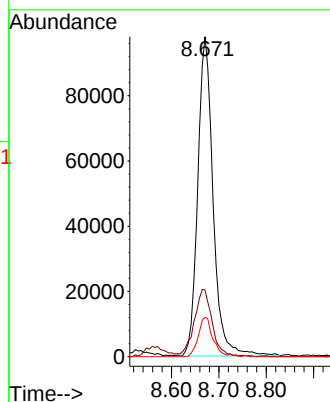
Tgt Ion: 43 Resp: 220654

Ion Ratio Lower Upper

43 100

61 23.8 18.7 28.1

87 11.7 9.1 13.7



#44

Trichloroethene

Concen: 18.376 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. 0.000 min

Lab File: VN088491.D

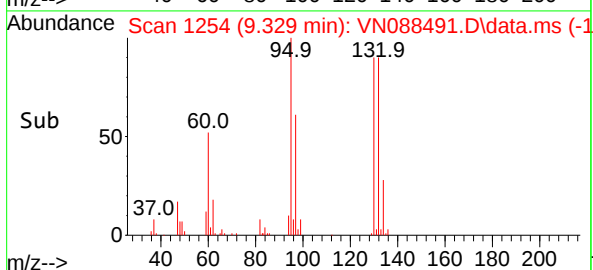
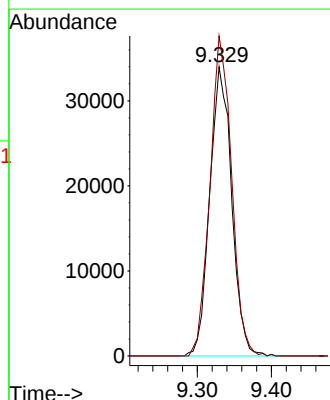
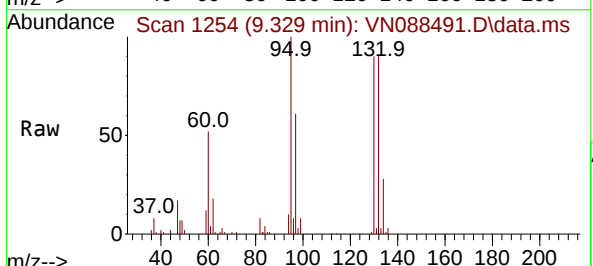
Acq: 10 Dec 2025 12:03

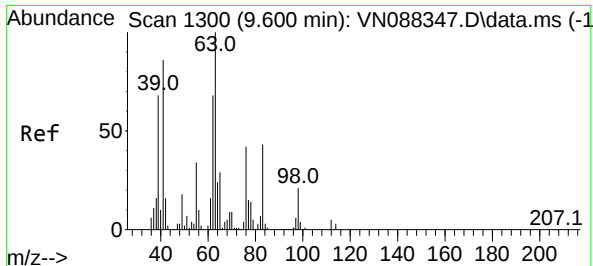
Tgt Ion:130 Resp: 69870

Ion Ratio Lower Upper

130 100

95 110.7 0.0 217.0





#45

1,2-Dichloropropane

Concen: 20.729 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

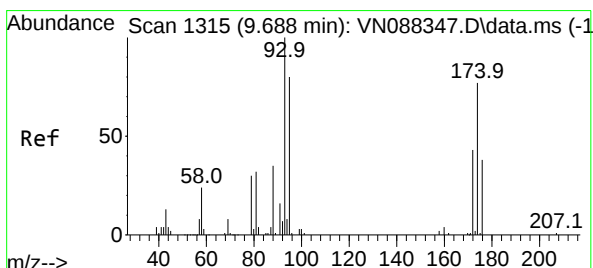
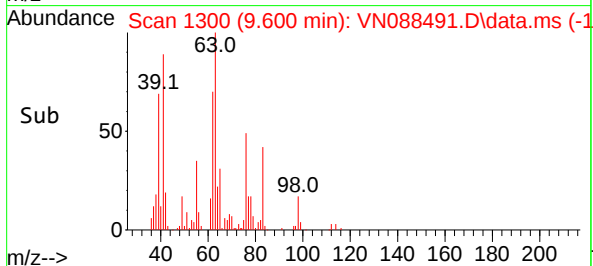
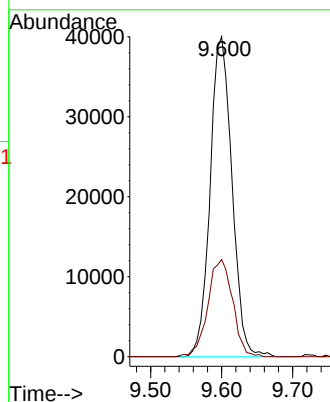
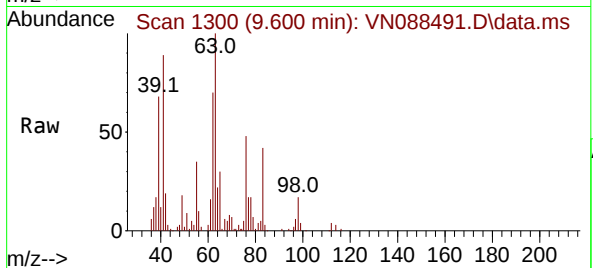
ClientSampleId :

Tgt Ion: 63 Resp: 85464

Ion Ratio Lower Upper

63 100

65 30.3 23.0 34.4



#46

Dibromomethane

Concen: 20.726 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

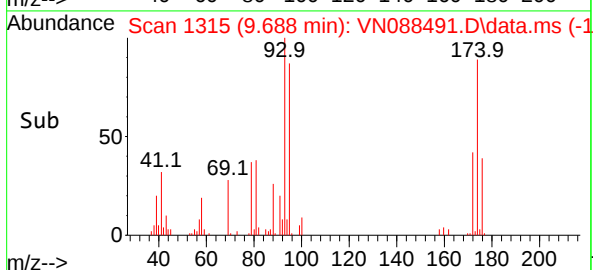
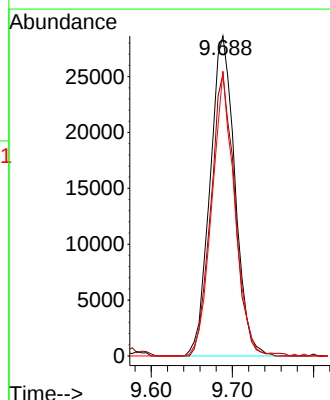
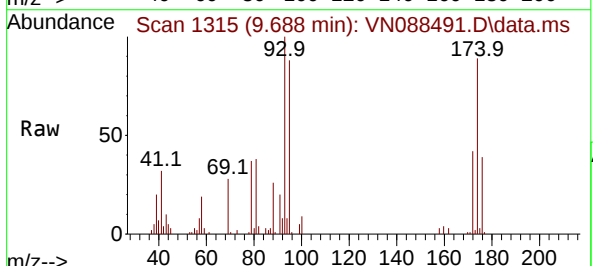
Tgt Ion: 93 Resp: 60983

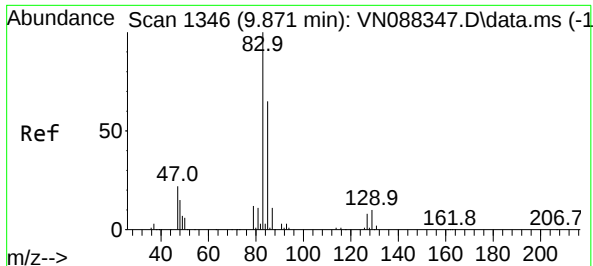
Ion Ratio Lower Upper

93 100

95 84.8 65.8 98.6

174 81.1 64.3 96.5





#47

Bromodichloromethane

Concen: 21.604 ug/l

RT: 9.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

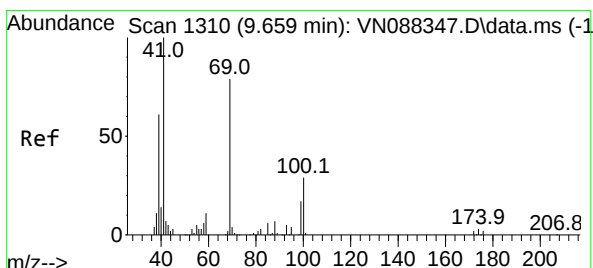
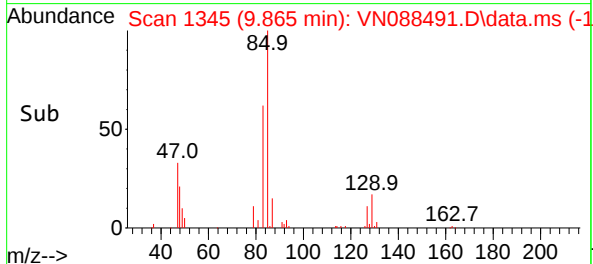
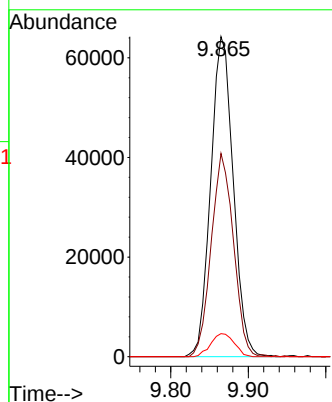
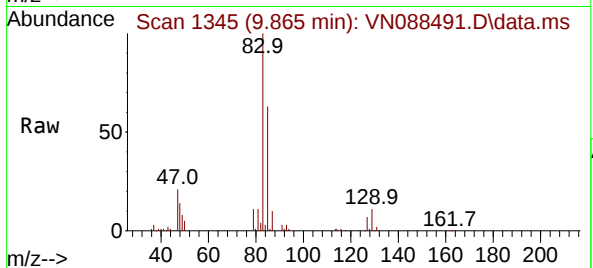
Tgt Ion: 83 Resp: 129700

Ion Ratio Lower Upper

83 100

85 63.5 51.9 77.9

127 7.2 6.3 9.5



#48

Methyl methacrylate

Concen: 20.612 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

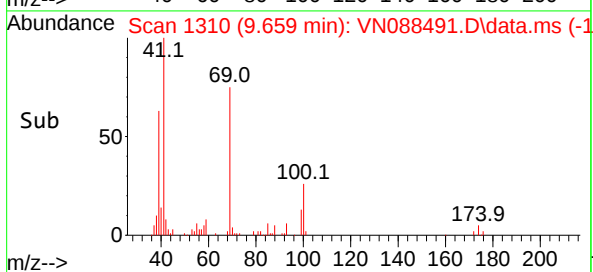
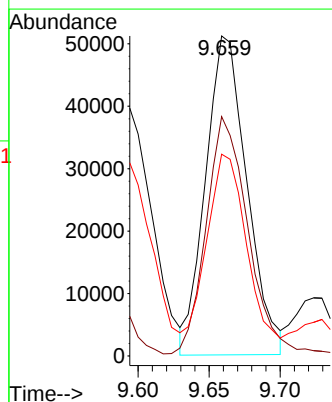
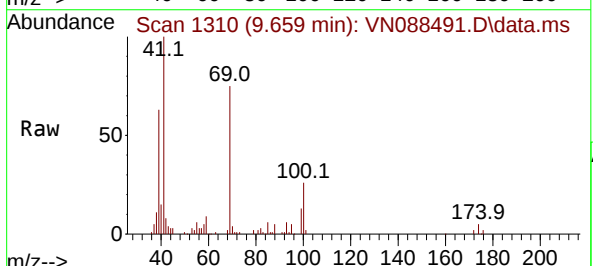
Tgt Ion: 41 Resp: 103591

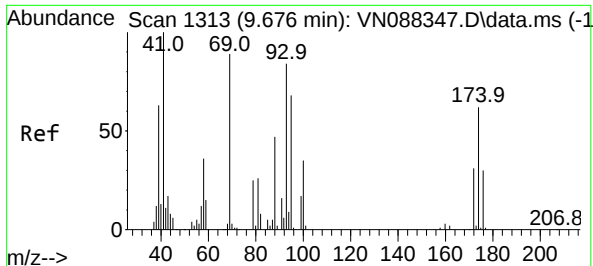
Ion Ratio Lower Upper

41 100

69 77.8 62.4 93.6

39 63.0 52.6 79.0





#49

1,4-Dioxane

Concen: 335.910 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

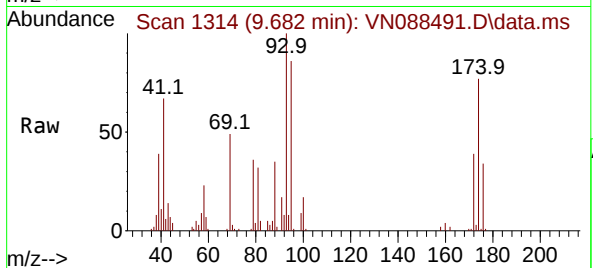
Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

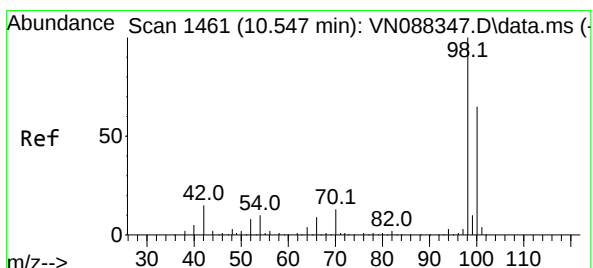
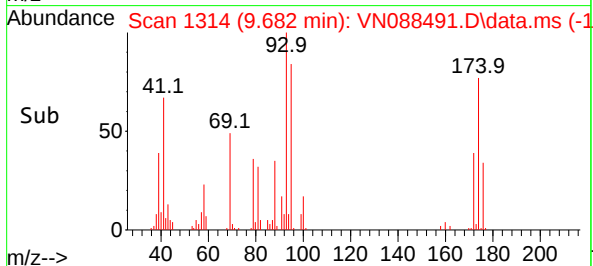
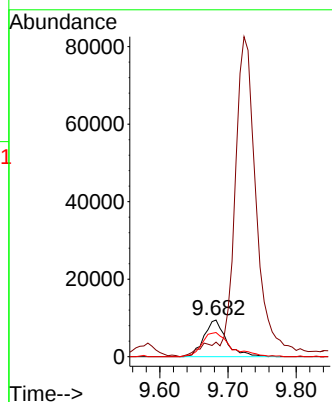
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	88	Resp:	21469
Ion	Ratio	Lower	Upper
88	100		
43	25.2	0.0	0.0#
58	84.6	62.0	93.0



#50

Toluene-d8

Concen: 53.879 ug/l

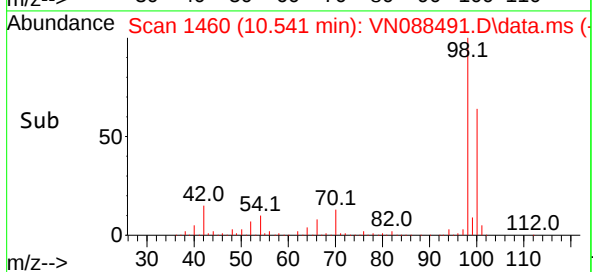
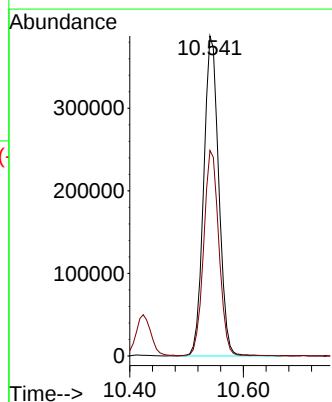
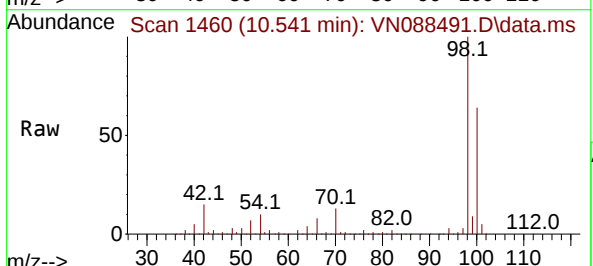
RT: 10.541 min Scan# 1460

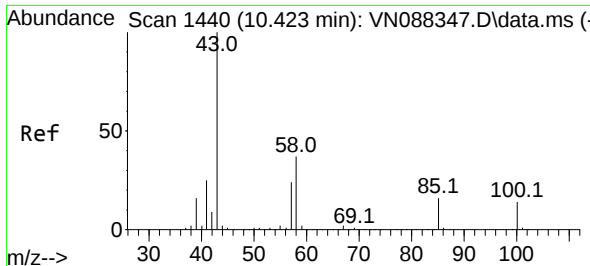
Delta R.T. -0.006 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Tgt Ion:	98	Resp:	712188
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 106.698 ug/l

RT: 10.423 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

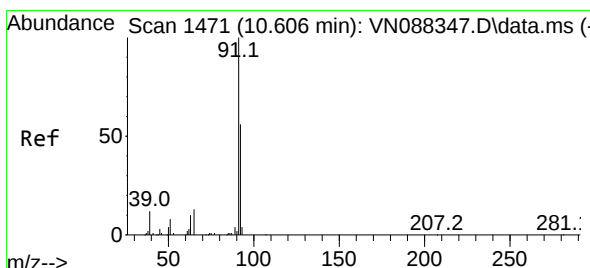
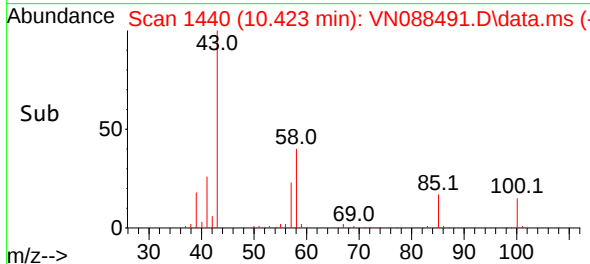
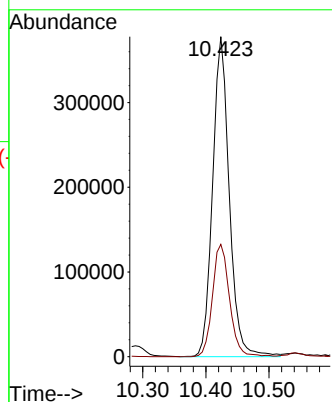
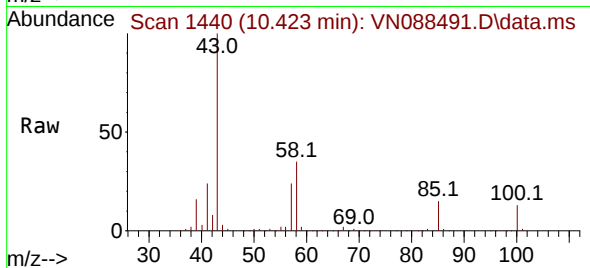
ClientSampleId :

Tgt Ion: 43 Resp: 692727

Ion Ratio Lower Upper

43 100

58 36.0 29.1 43.7



#52

Toluene

Concen: 20.940 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VN088491.D

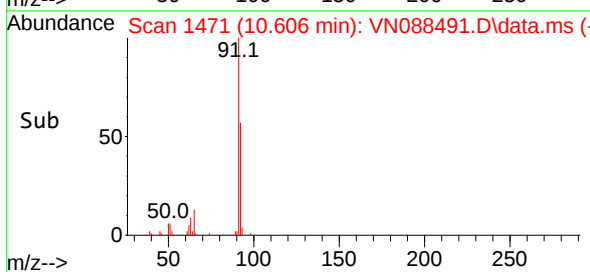
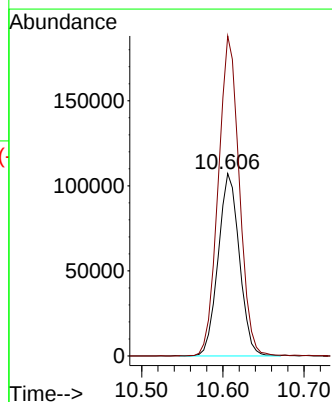
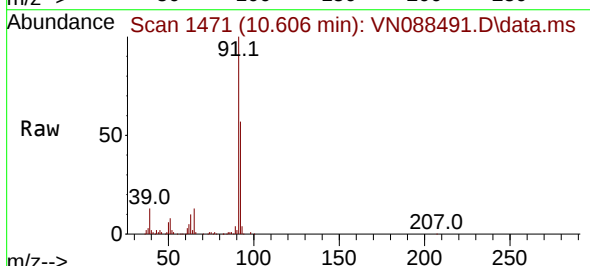
Acq: 10 Dec 2025 12:03

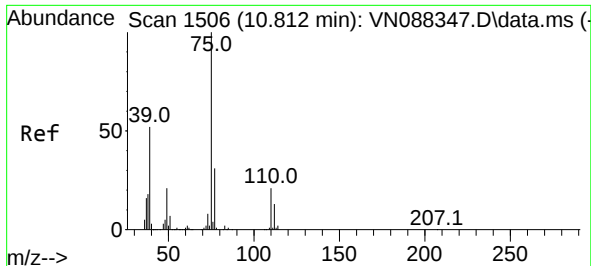
Tgt Ion: 92 Resp: 194573

Ion Ratio Lower Upper

92 100

91 174.7 140.2 210.2

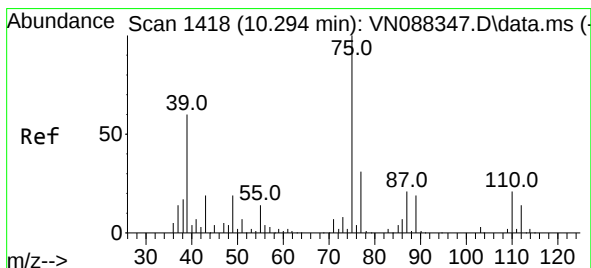
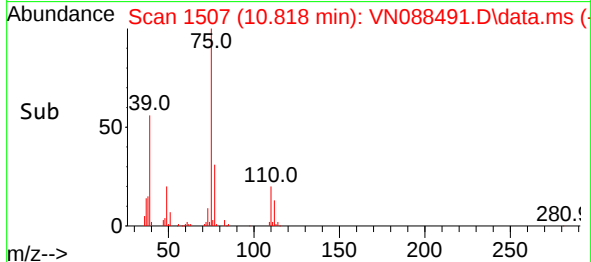
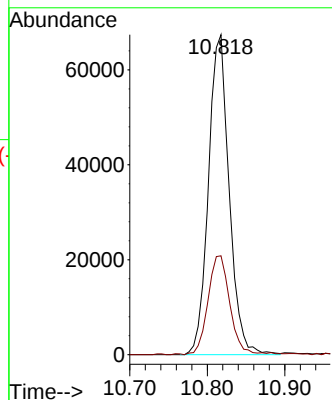
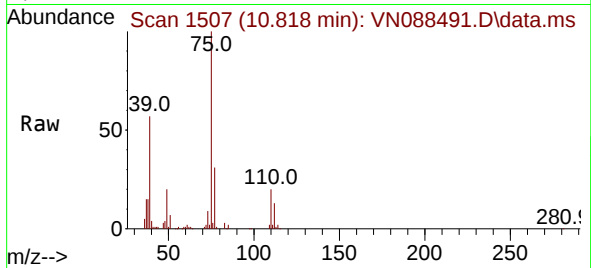




#53
 t-1,3-Dichloropropene
 Concen: 20.303 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

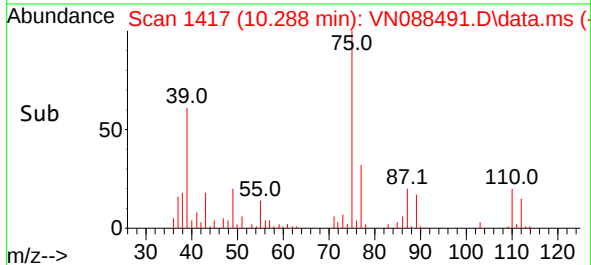
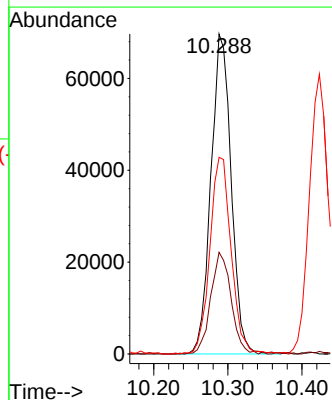
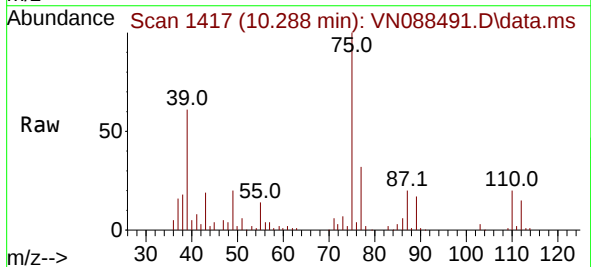
Instrument :
 MSVOA_N
 ClientSampleId :

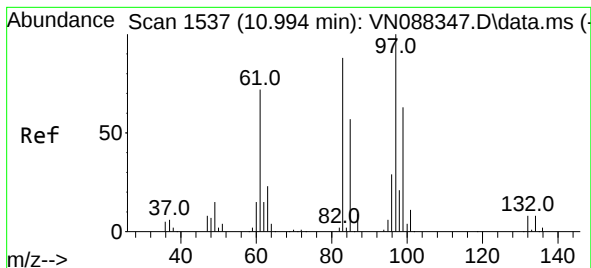
Tgt Ion: 75 Resp: 125115
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.395 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

Tgt Ion: 75 Resp: 132169
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.5 36.7
 39 61.4 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 21.269 ug/l

RT: 10.994 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 76463

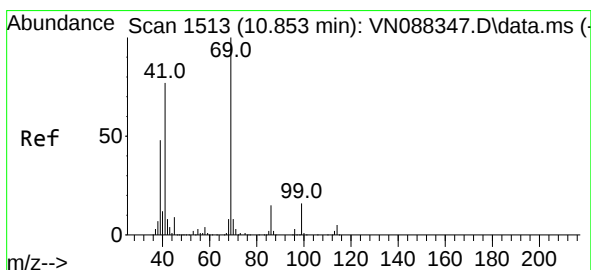
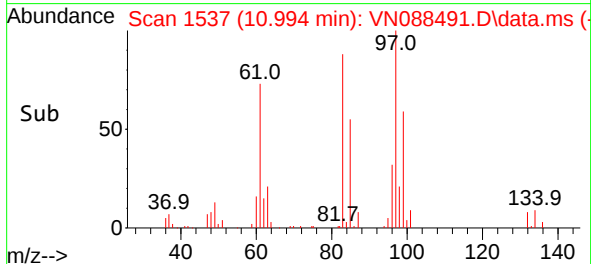
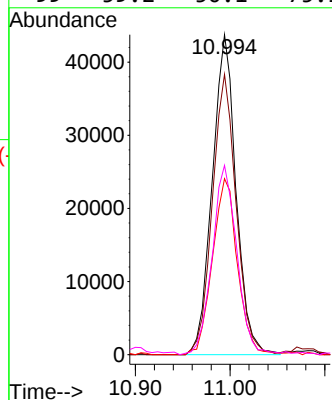
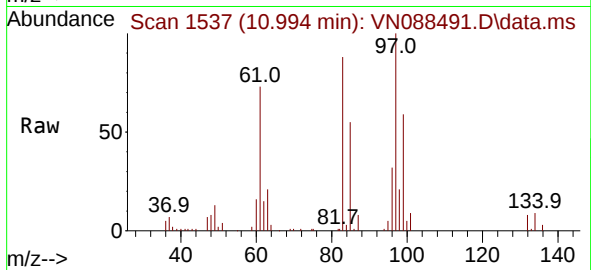
Ion Ratio Lower Upper

97 100

83 87.6 70.4 105.6

85 55.0 45.4 68.2

99 59.2 50.1 75.1



#56

Ethyl methacrylate

Concen: 20.391 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

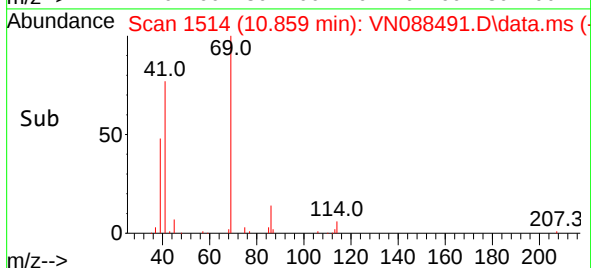
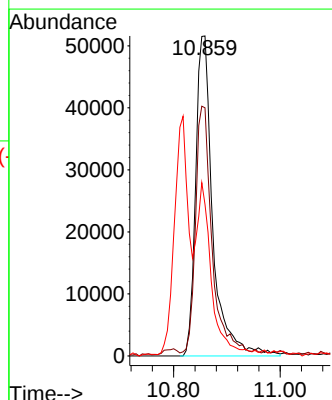
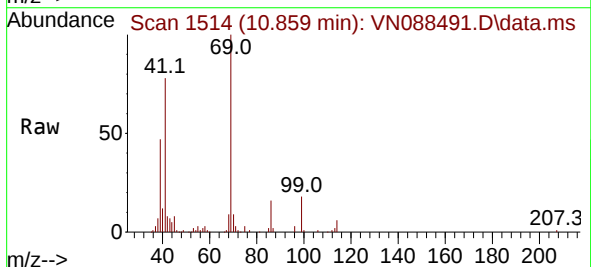
Tgt Ion: 69 Resp: 115793

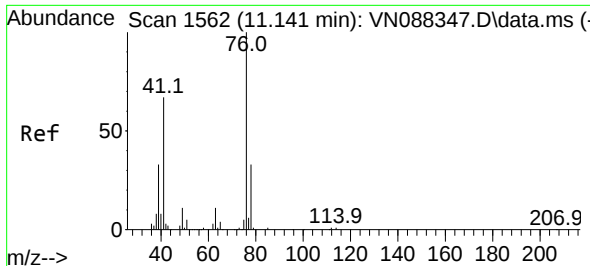
Ion Ratio Lower Upper

69 100

41 73.5 59.6 89.4

39 45.1 36.4 54.6





#57

1,3-Dichloropropane

Concen: 20.773 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

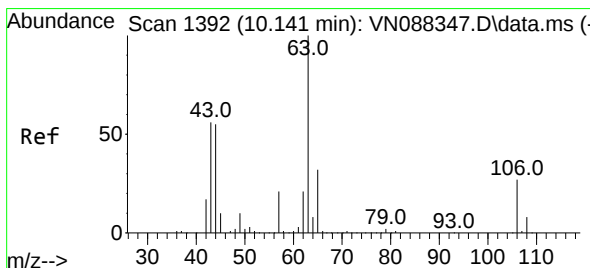
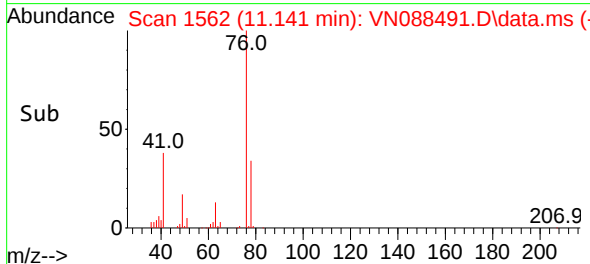
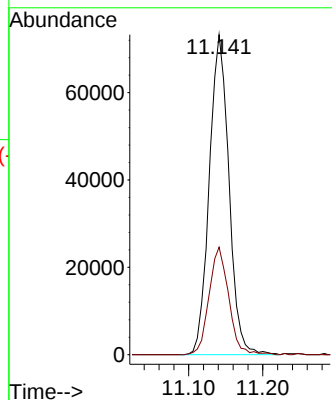
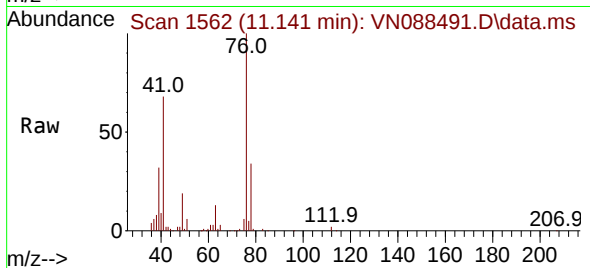
ClientSampleId :

Tgt Ion: 76 Resp: 134721

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 85.407 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088491.D

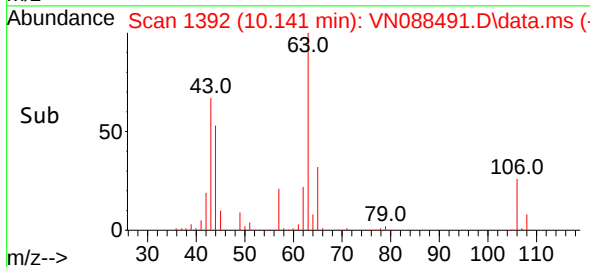
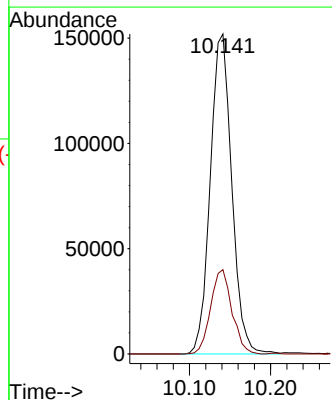
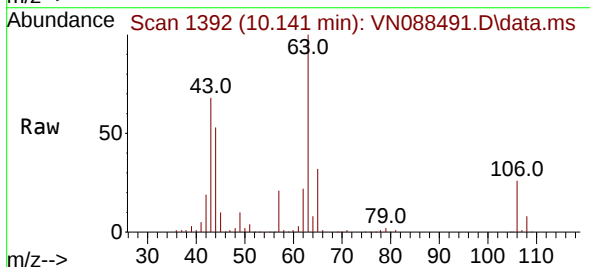
Acq: 10 Dec 2025 12:03

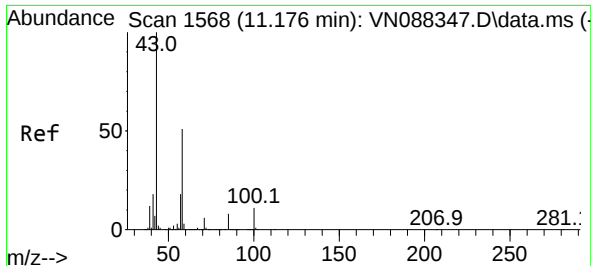
Tgt Ion: 63 Resp: 279608

Ion Ratio Lower Upper

63 100

106 26.1 20.5 30.7

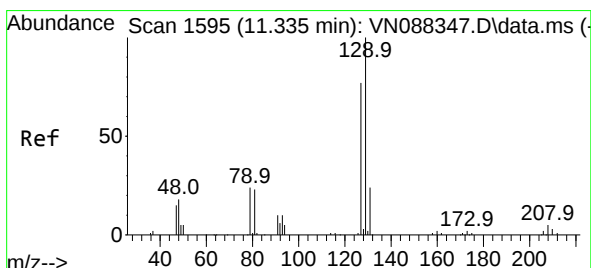
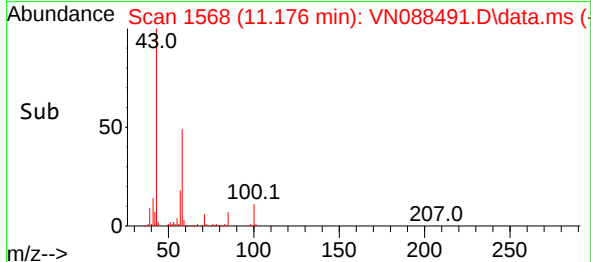
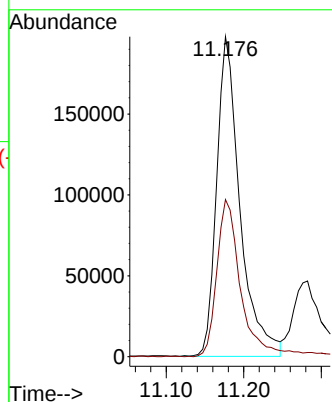
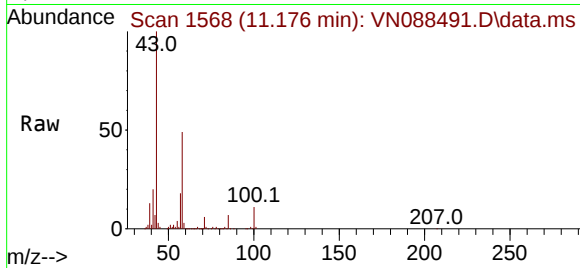




#59
2-Hexanone
Concen: 101.028 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

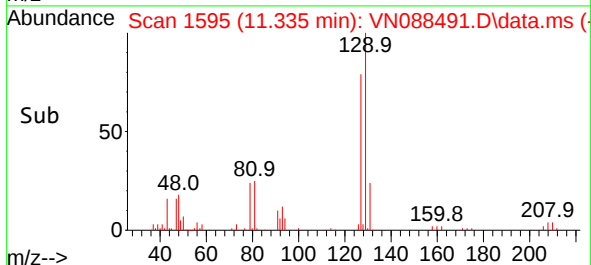
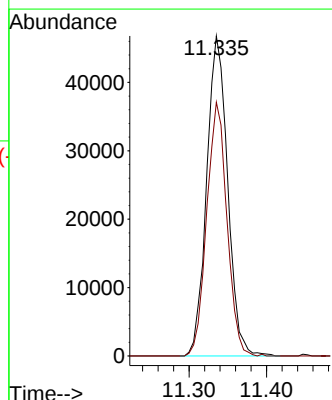
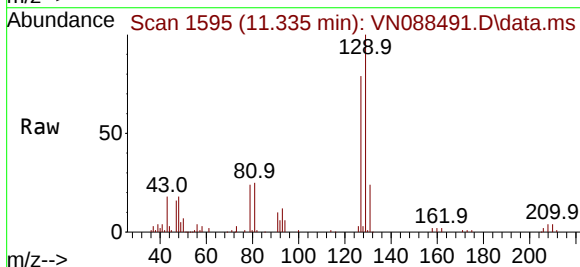
Instrument :
MSVOA_N
ClientSampleId :

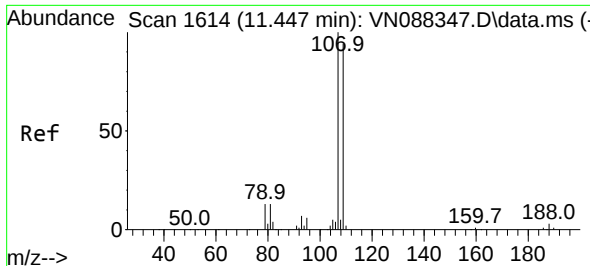
Tgt Ion: 43 Resp: 413196
Ion Ratio Lower Upper
43 100
58 51.7 25.3 75.9



#60
Dibromochloromethane
Concen: 21.478 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 129 Resp: 88020
Ion Ratio Lower Upper
129 100
127 76.3 38.2 114.6

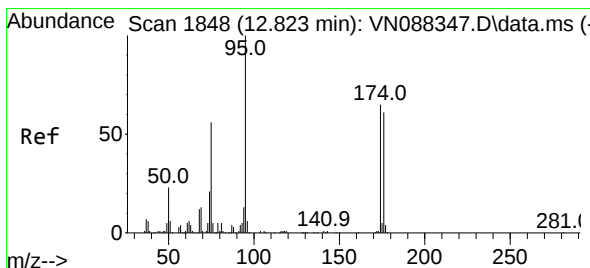
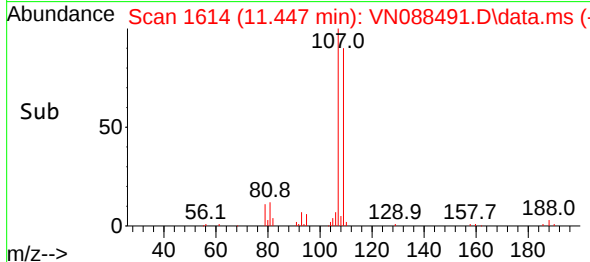
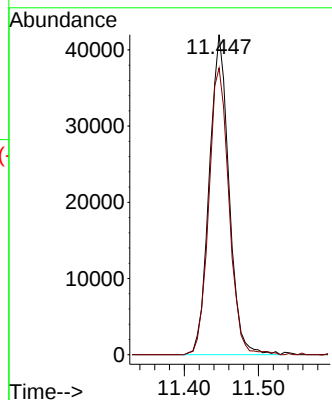
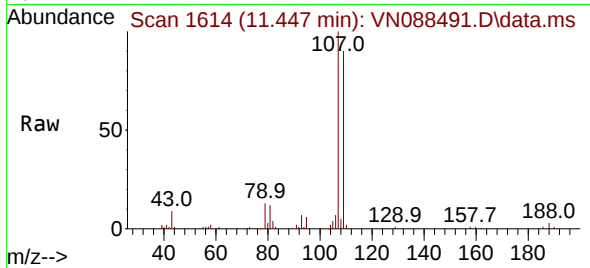




#61
1,2-Dibromoethane
Concen: 21.260 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

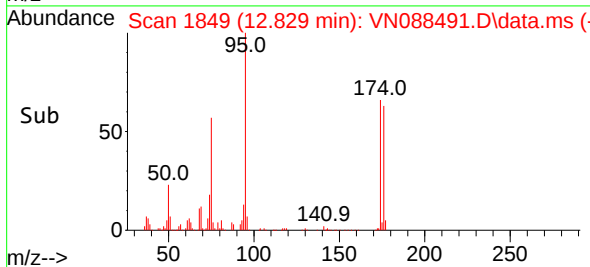
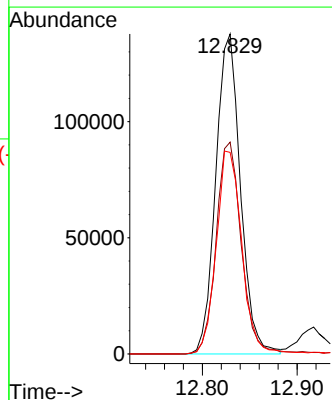
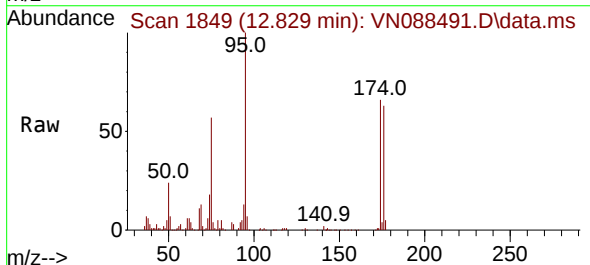
Instrument :
MSVOA_N
ClientSampleId :

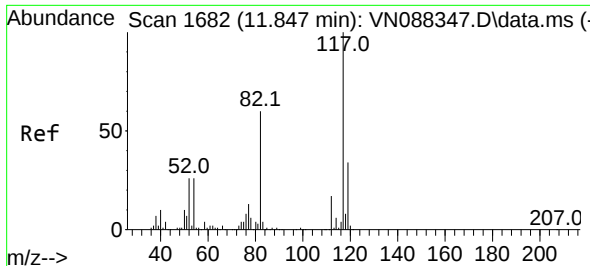
Tgt Ion:107 Resp: 77397
Ion Ratio Lower Upper
107 100
109 91.7 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 55.066 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

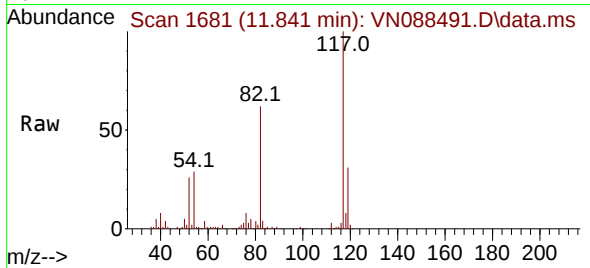
Tgt Ion: 95 Resp: 249748
Ion Ratio Lower Upper
95 100
174 68.0 0.0 139.0
176 65.7 0.0 132.4



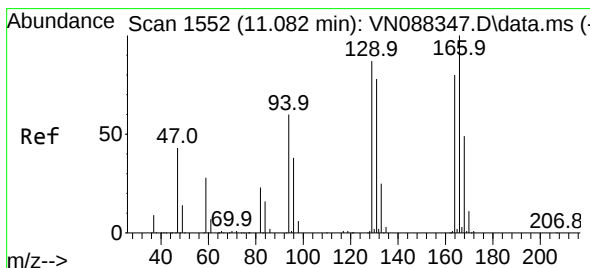
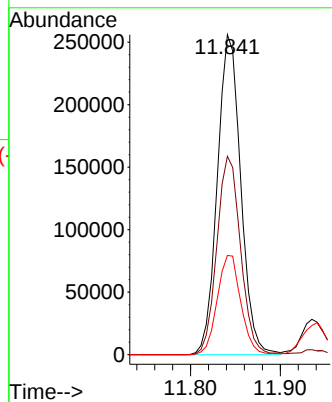
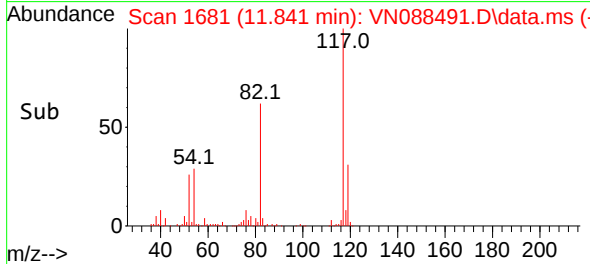


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :

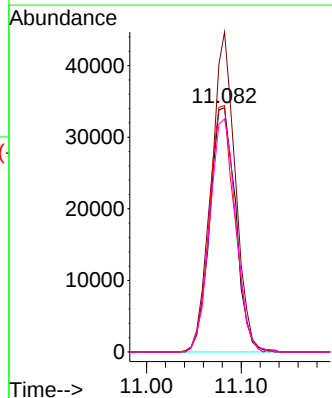
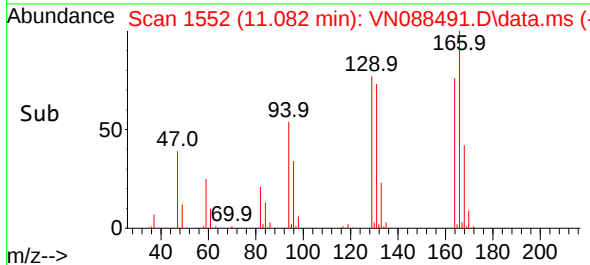
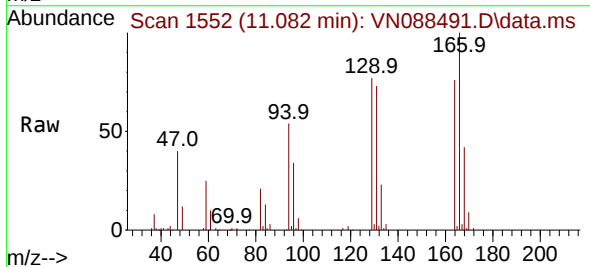


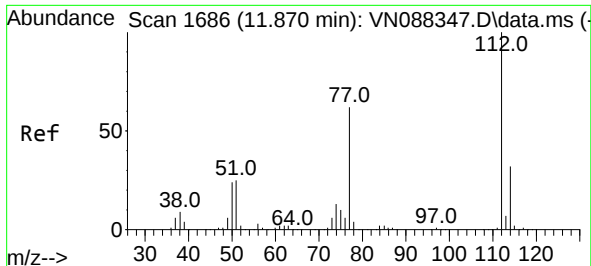
Tgt Ion:117 Resp: 464243
Ion Ratio Lower Upper
117 100
82 62.0 47.8 71.8
119 31.0 26.9 40.3



#64
Tetrachloroethene
Concen: 17.444 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion:164 Resp: 64200
Ion Ratio Lower Upper
164 100
166 131.0 99.6 149.4
129 100.9 86.6 129.8
131 95.5 77.8 116.6

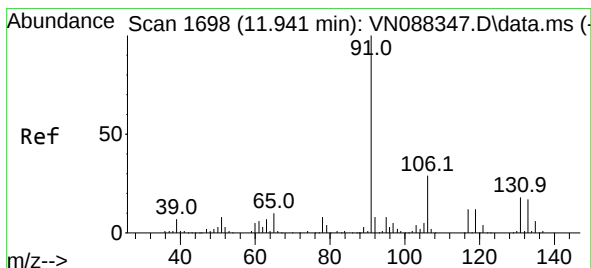
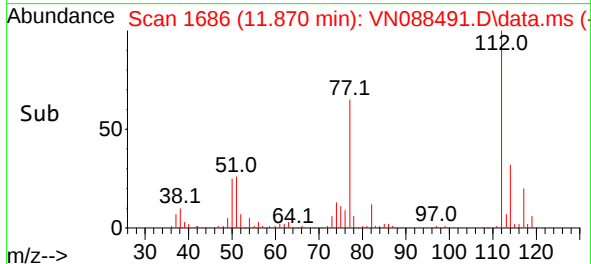
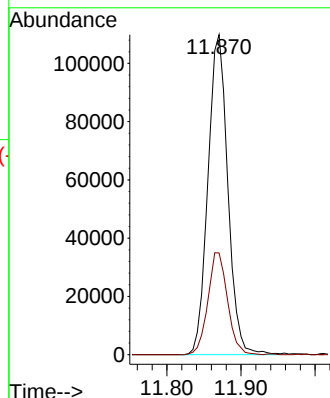
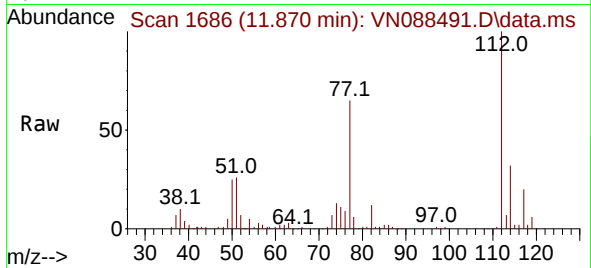




#65
Chlorobenzene
Concen: 19.604 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

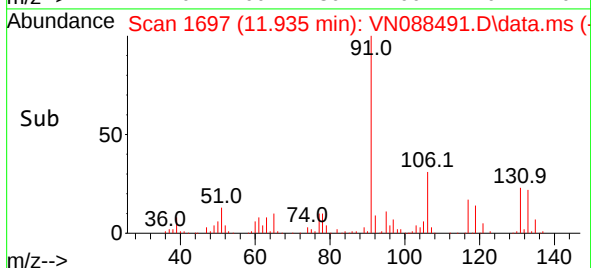
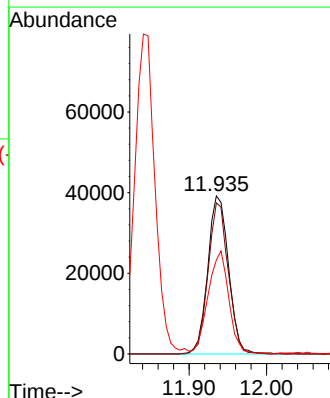
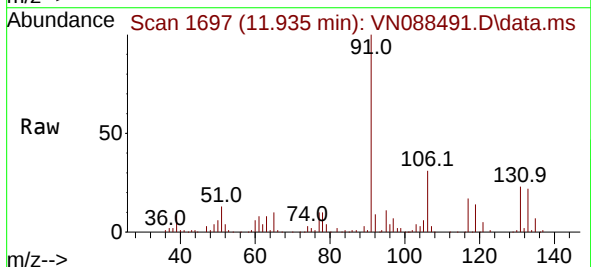
Instrument :
MSVOA_N
ClientSampleId :

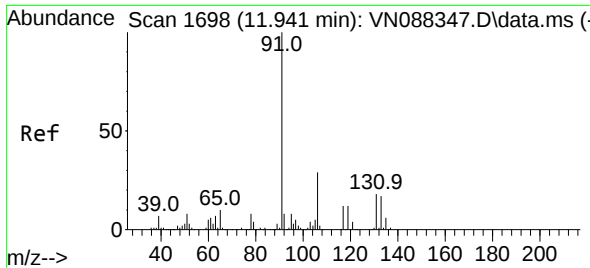
Tgt Ion:112 Resp: 204424
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.707 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion:131 Resp: 72826
Ion Ratio Lower Upper
131 100
133 93.4 47.4 142.2
119 65.2 33.4 100.1

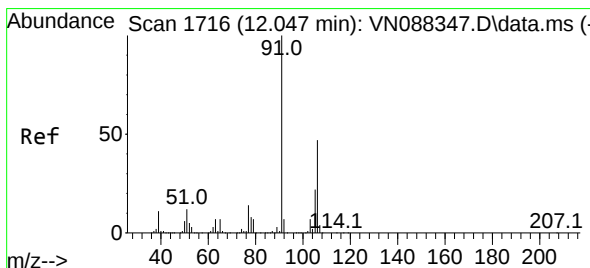
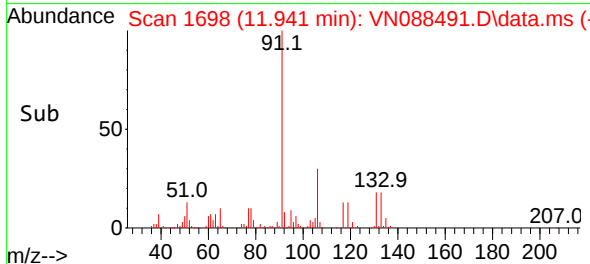
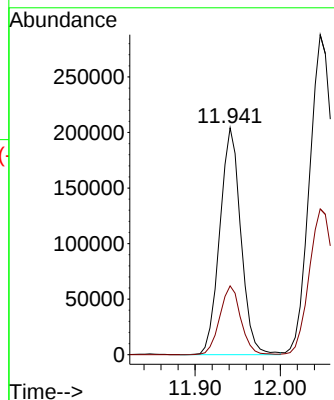
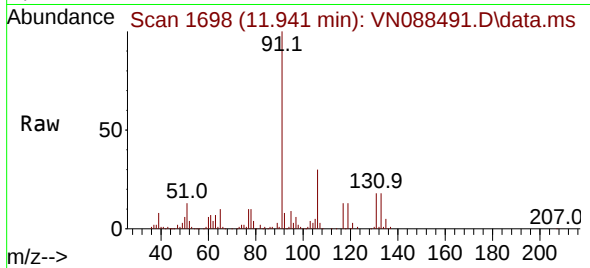




#67
Ethyl Benzene
Concen: 19.254 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

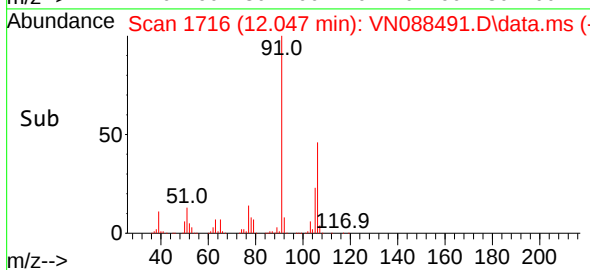
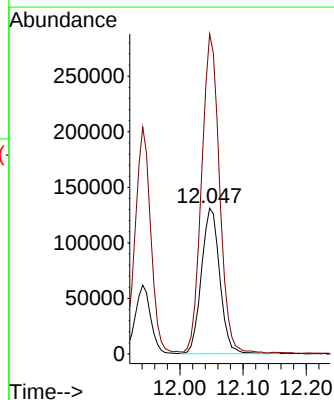
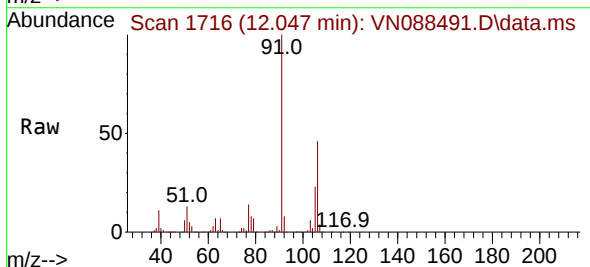
Instrument :
MSVOA_N
ClientSampleId :

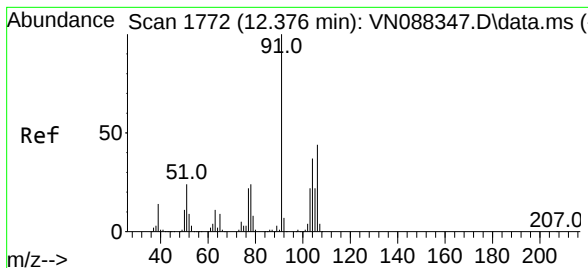
Tgt Ion: 91 Resp: 350926
Ion Ratio Lower Upper
91 100
106 30.3 23.6 35.4



#68
m/p-Xylenes
Concen: 39.142 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion:106 Resp: 264504
Ion Ratio Lower Upper
106 100
91 214.0 167.8 251.6

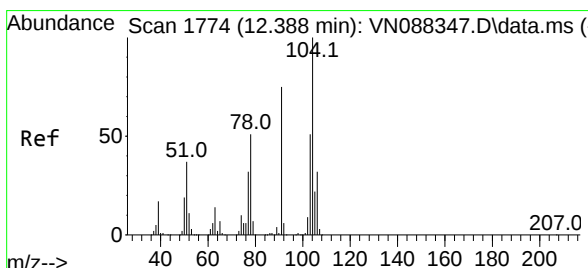
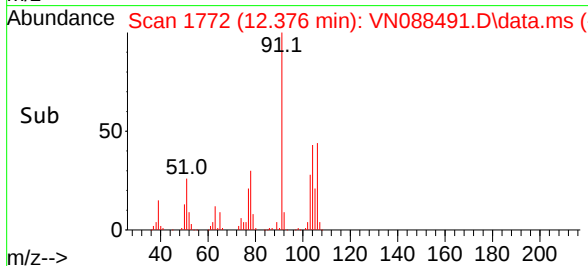
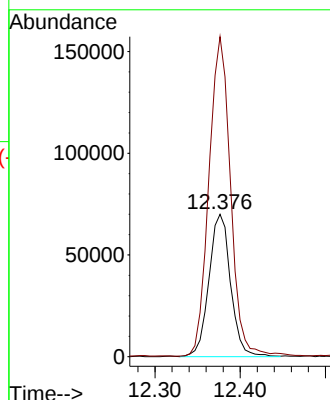
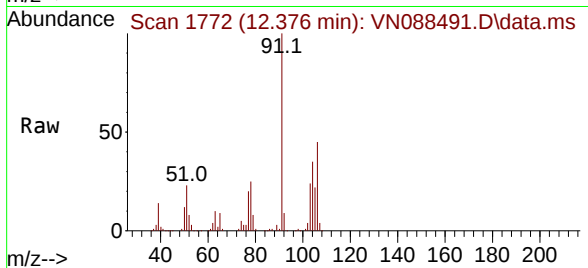




#69
o-Xylene
Concen: 19.211 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

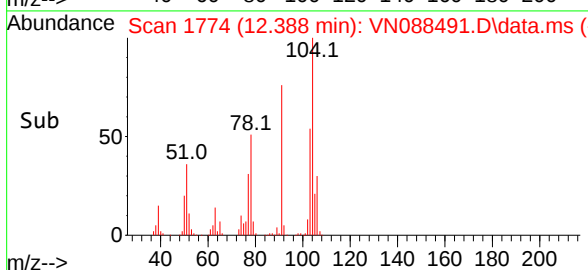
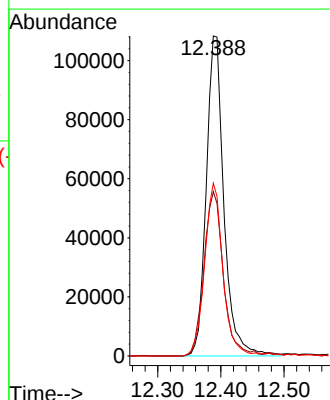
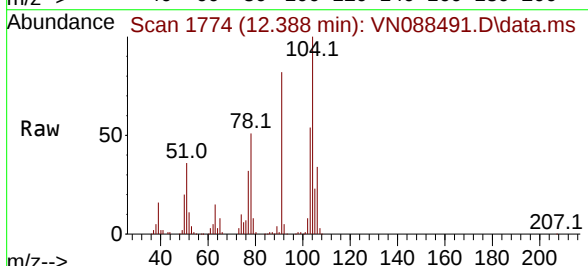
Instrument :
MSVOA_N
ClientSampleId :

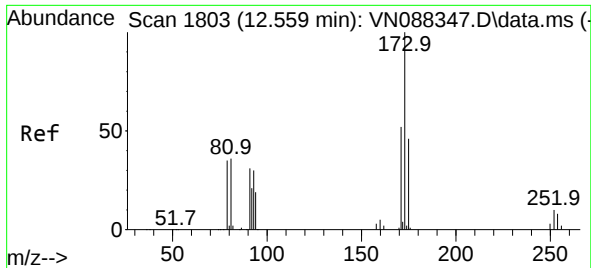
Tgt Ion:106 Resp: 123765
Ion Ratio Lower Upper
106 100
91 223.8 112.9 338.7



#70
Styrene
Concen: 20.102 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

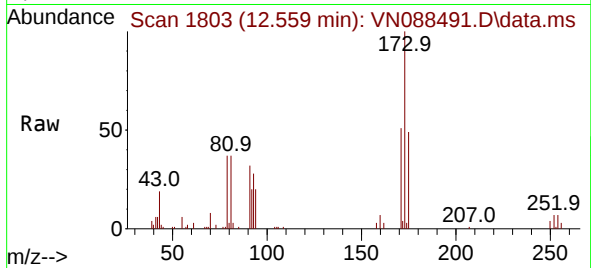
Tgt Ion:104 Resp: 210279
Ion Ratio Lower Upper
104 100
78 56.3 44.3 66.5
103 55.9 44.2 66.4



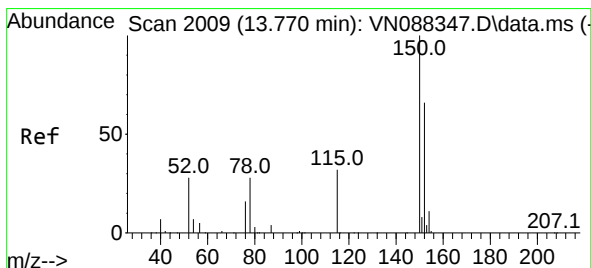
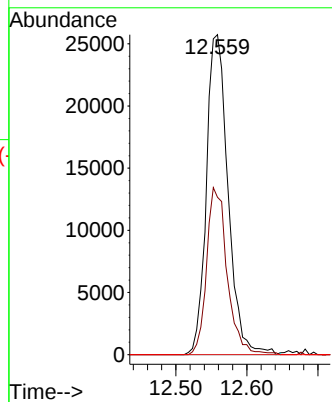
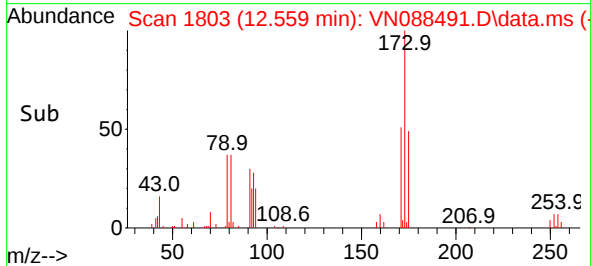


#71
Bromoform
Concen: 21.151 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

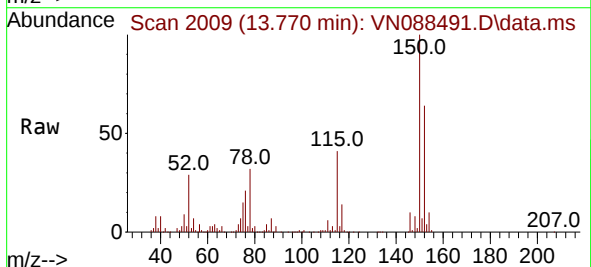
Instrument :
MSVOA_N
ClientSampleId :



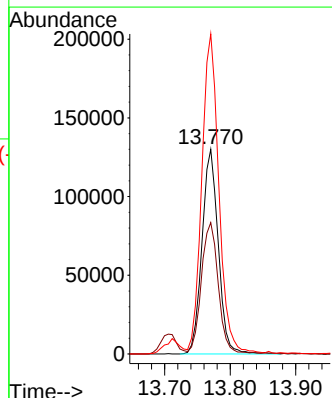
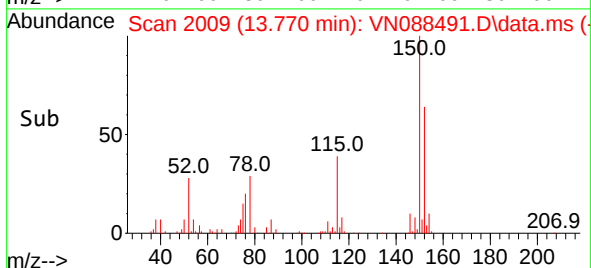
Tgt Ion:173 Resp: 54485
Ion Ratio Lower Upper
173 100
175 49.6 23.9 71.8
254 0.0 0.1 0.1#

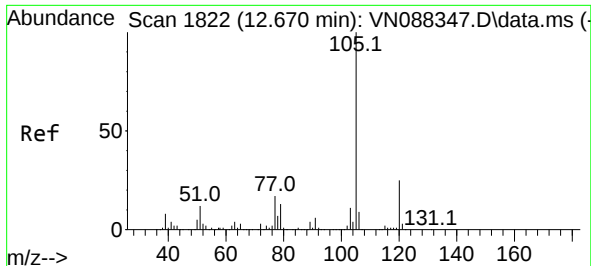


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03



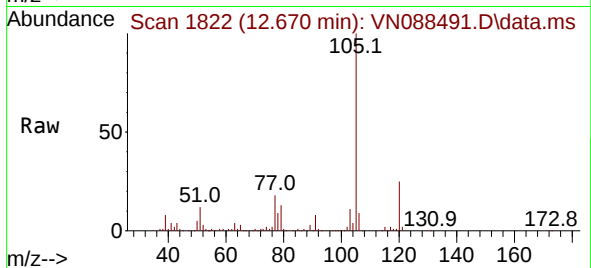
Tgt Ion:152 Resp: 225326
Ion Ratio Lower Upper
152 100
115 66.0 33.0 98.9
150 162.5 0.0 349.0



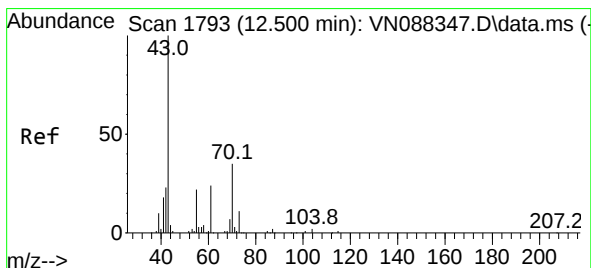
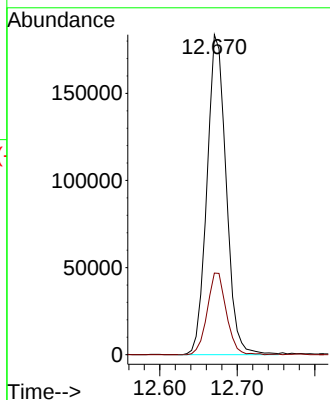
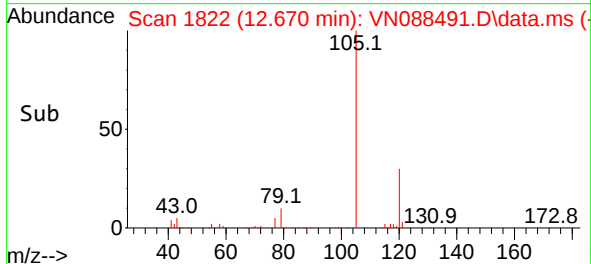


#73
Isopropylbenzene
Concen: 18.969 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

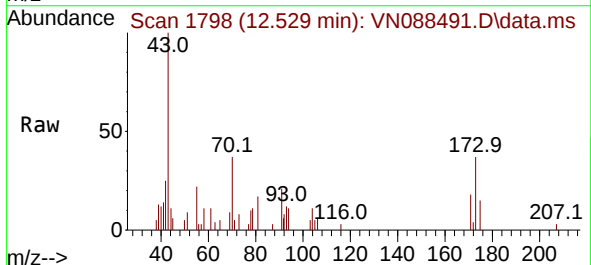
Instrument :
MSVOA_N
ClientSampleId :



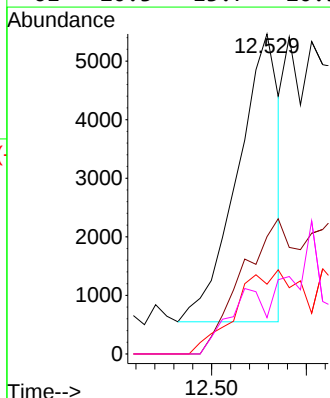
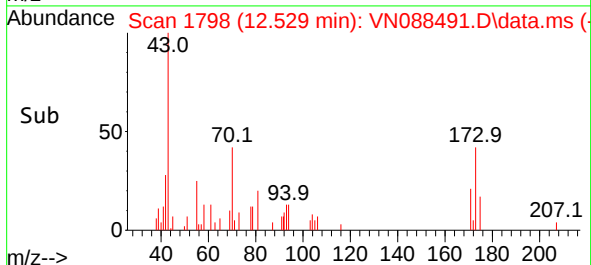
Tgt Ion:105 Resp: 316021
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3

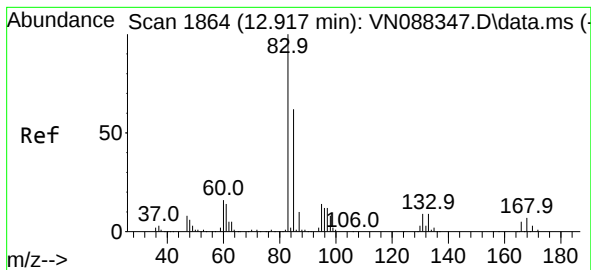


#74
N-ethyl acetate
Concen: 1.320 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.029 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03



Tgt Ion: 43 Resp: 7487
Ion Ratio Lower Upper
43 100
70 61.8 28.3 42.5#
55 25.0 17.7 26.5
61 20.3 13.7 20.5

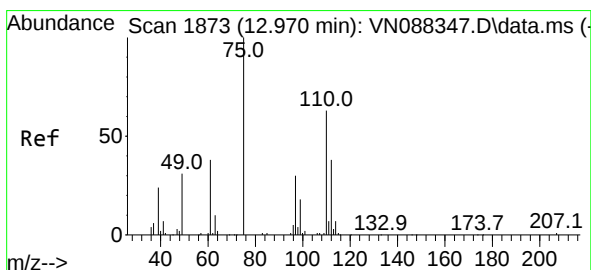
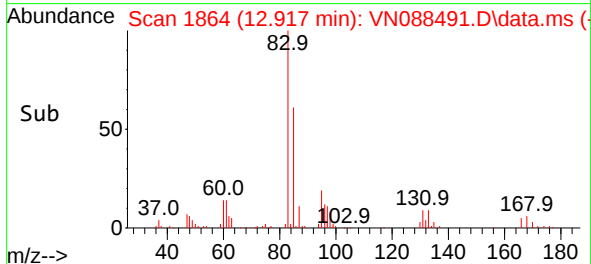
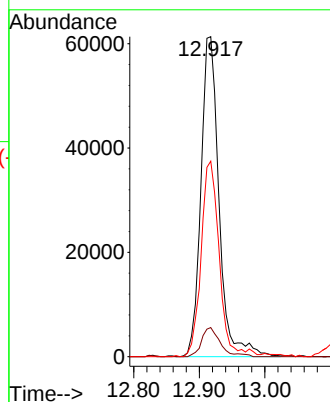
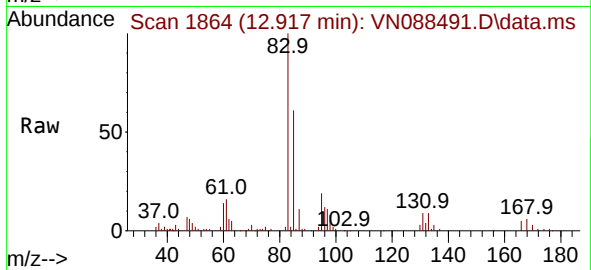




#75
1,1,2,2-Tetrachloroethane
Concen: 21.936 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

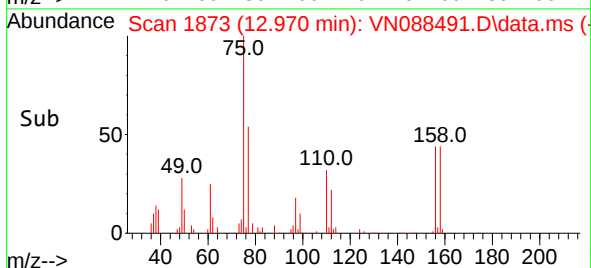
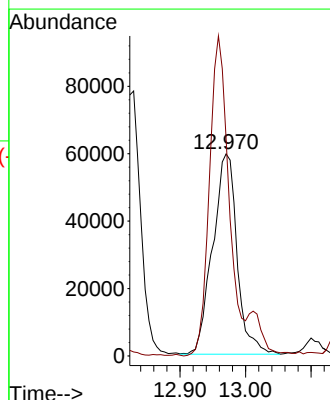
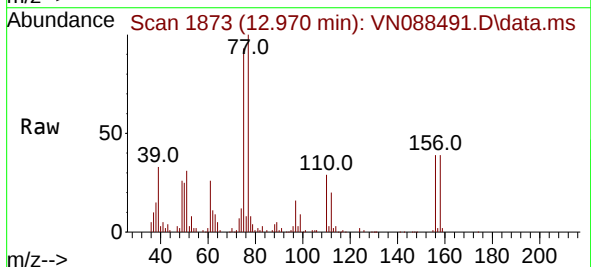
Instrument :
MSVOA_N
ClientSampleId :

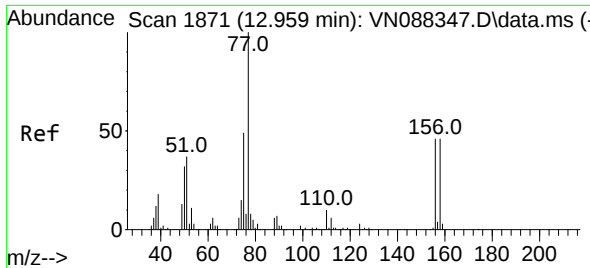
Tgt Ion: 83 Resp: 118148
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 61.1 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 29.047 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 75 Resp: 153298
Ion Ratio Lower Upper
75 100
77 127.7 87.2 261.6

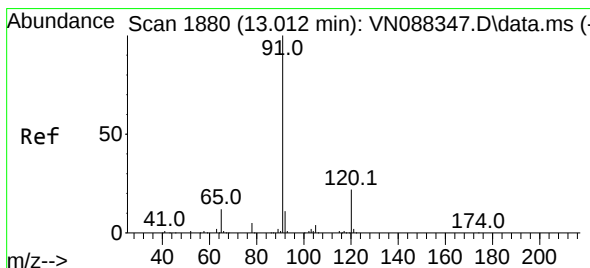
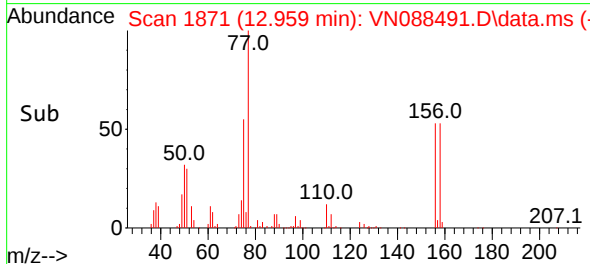
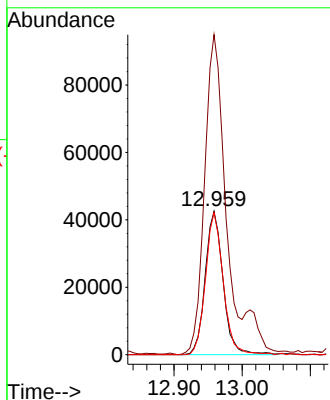
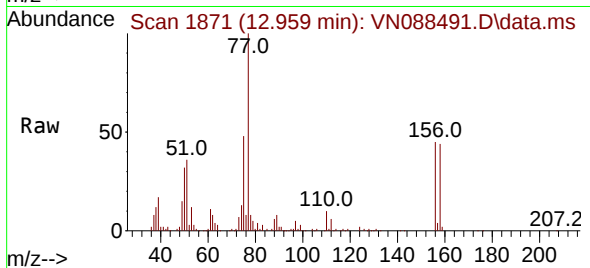




#77
Bromobenzene
Concen: 20.405 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

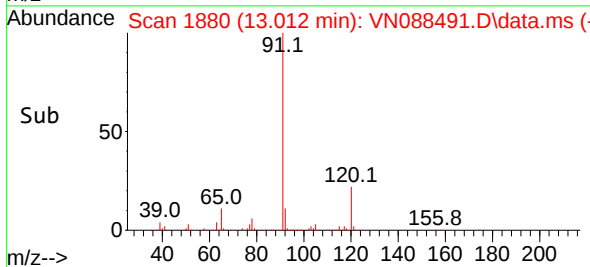
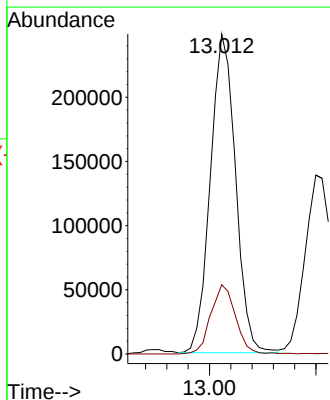
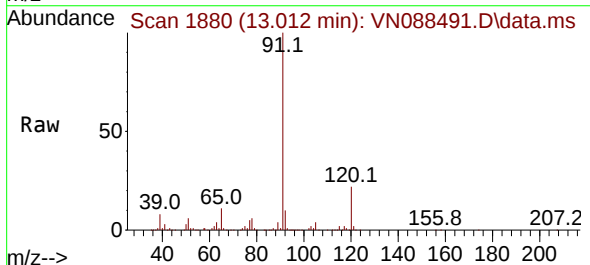
Instrument :
MSVOA_N
ClientSampleId :

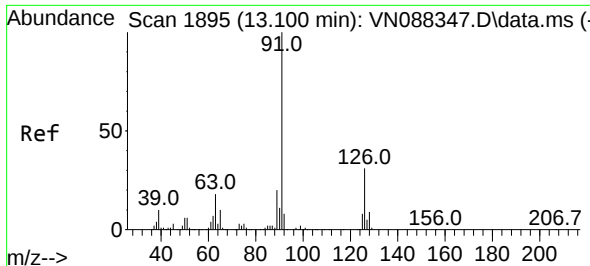
Tgt Ion:156 Resp: 77783
Ion Ratio Lower Upper
156 100
77 251.7 121.6 364.7
158 97.9 48.6 145.8



#78
n-propylbenzene
Concen: 20.013 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 91 Resp: 407902
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.6

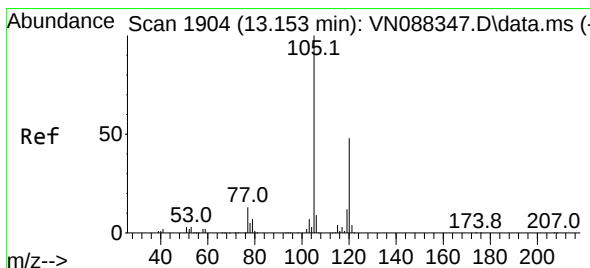
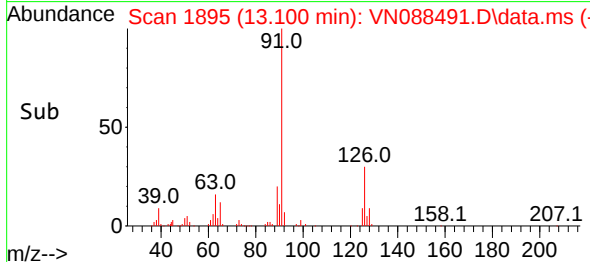
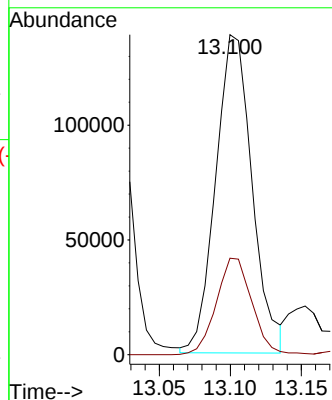
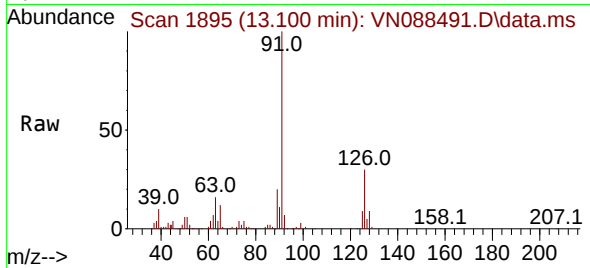




#79
2-Chlorotoluene
Concen: 19.882 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

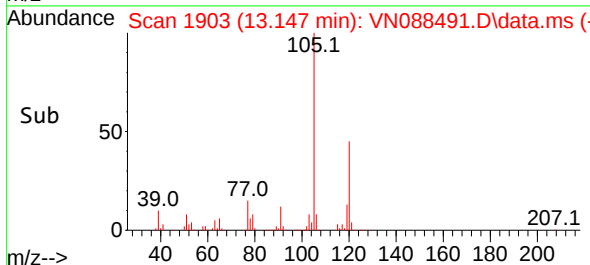
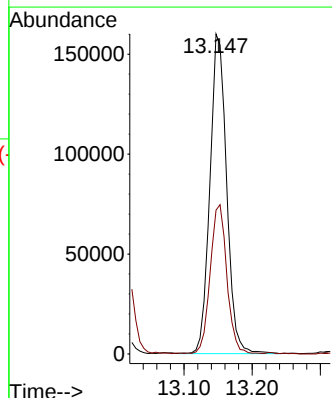
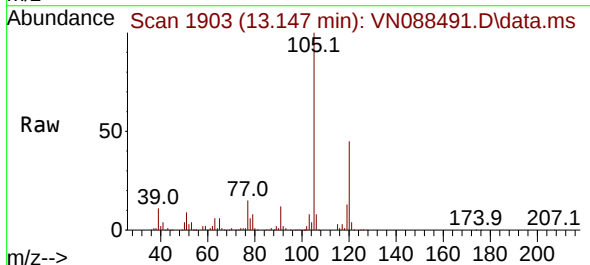
Instrument :
MSVOA_N
ClientSampleId :

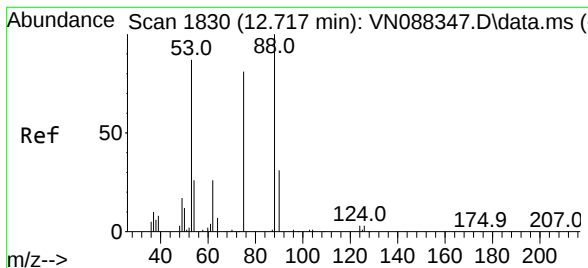
Tgt Ion: 91 Resp: 247457
Ion Ratio Lower Upper
91 100
126 29.7 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 19.742 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

Tgt Ion: 105 Resp: 272542
Ion Ratio Lower Upper
105 100
120 46.4 23.8 71.5

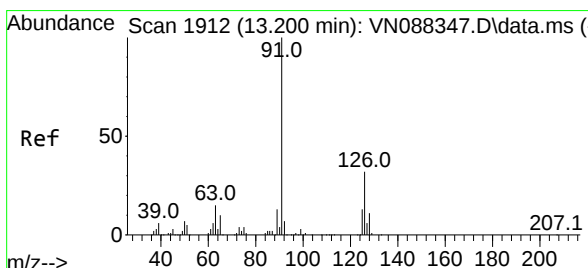
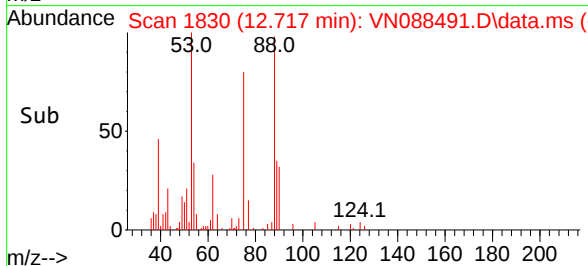
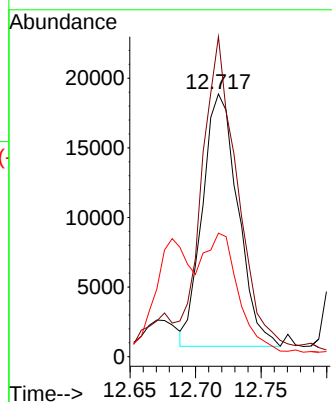
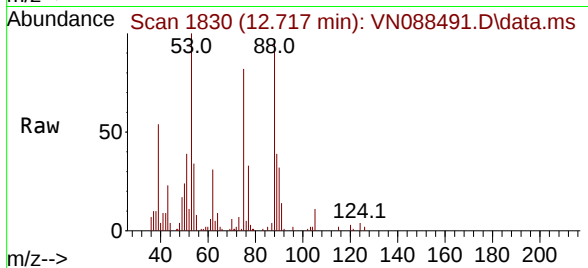




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.394 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

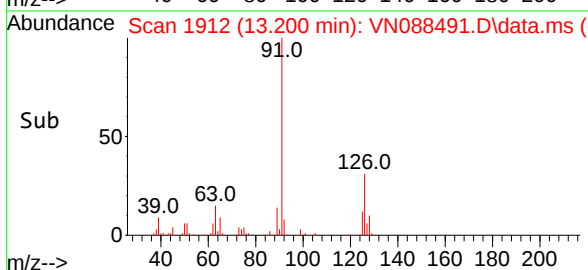
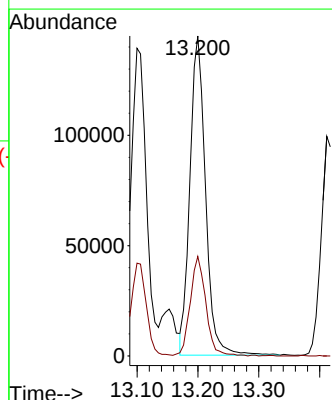
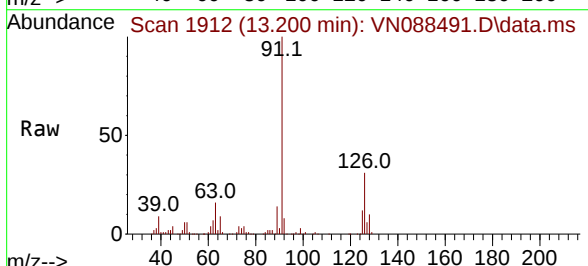
Instrument :
 MSVOA_N
 ClientSampleId :

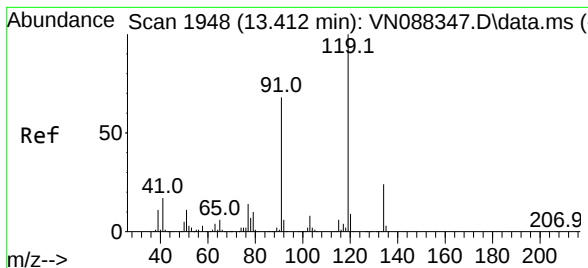
Tgt Ion: 75 Resp: 34219
 Ion Ratio Lower Upper
 75 100
 53 123.8 92.2 138.4
 89 49.8 0.0 0.0#



#82
 4-Chlorotoluene
 Concen: 20.849 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

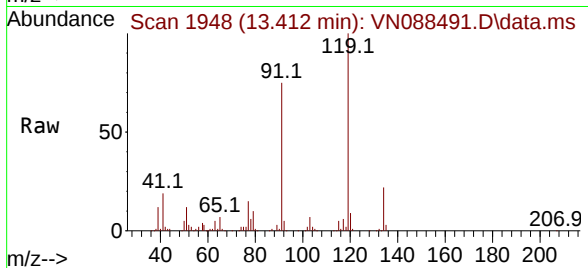
Tgt Ion: 91 Resp: 257740
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.6 46.7



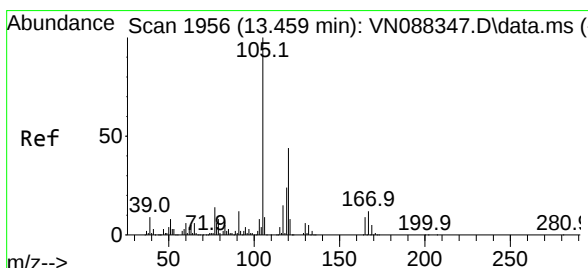
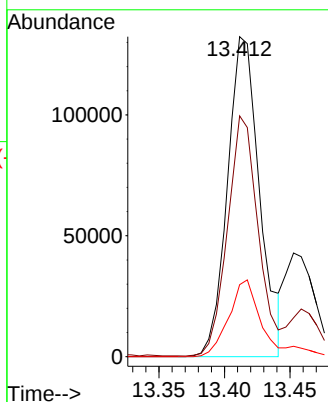
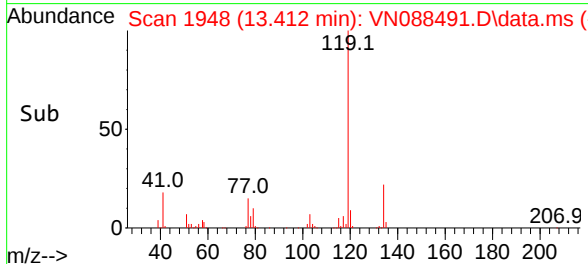


#83
 tert-Butylbenzene
 Concen: 19.262 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03

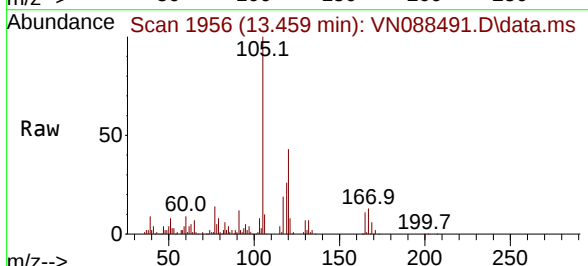
Instrument :
 MSVOA_N
 ClientSampleId :



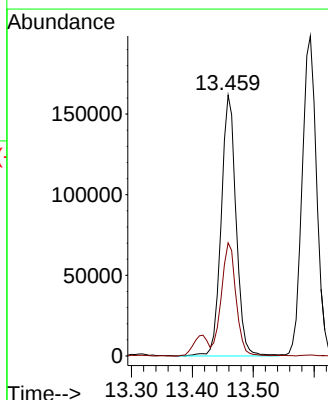
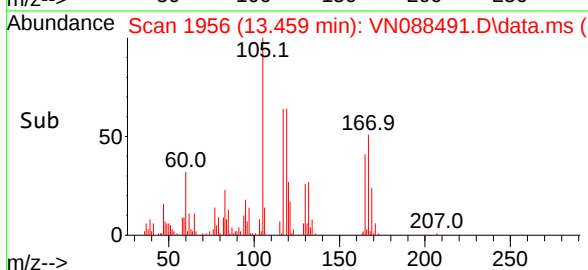
Tgt Ion:119 Resp: 226056
 Ion Ratio Lower Upper
 119 100
 91 71.4 35.1 105.3
 134 25.4 12.8 38.4

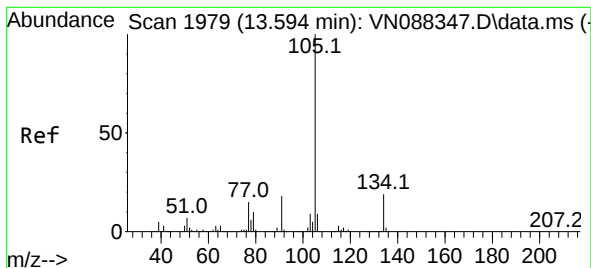


#84
 1,2,4-Trimethylbenzene
 Concen: 20.022 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN088491.D
 Acq: 10 Dec 2025 12:03



Tgt Ion:105 Resp: 274739
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 19.541 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

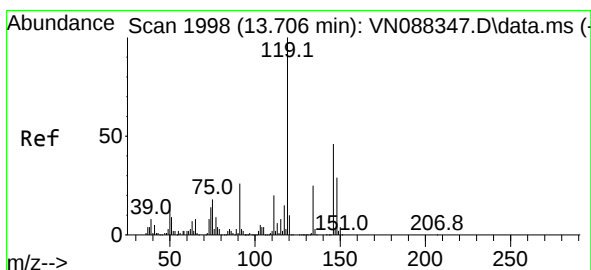
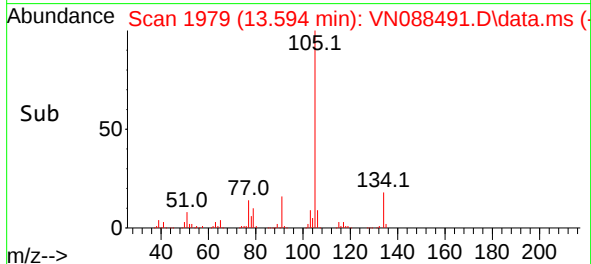
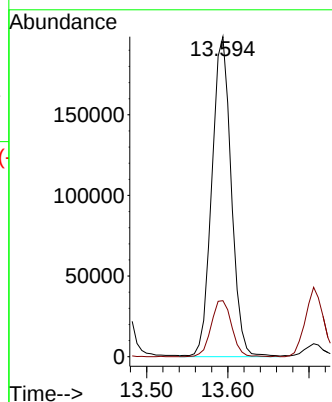
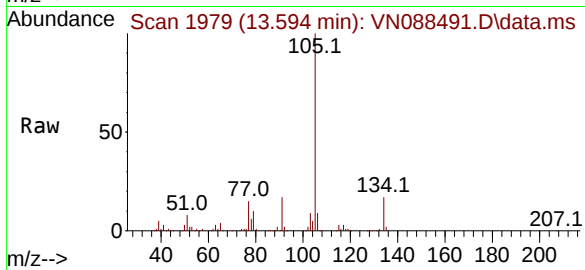
ClientSampleId :

Tgt Ion:105 Resp: 329448

Ion Ratio Lower Upper

105 100

134 18.5 9.5 28.5



#86

p-Isopropyltoluene

Concen: 19.712 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

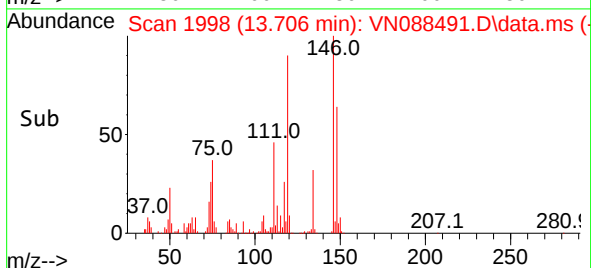
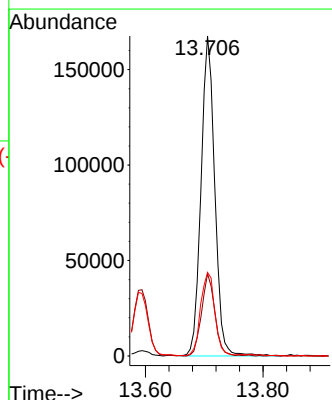
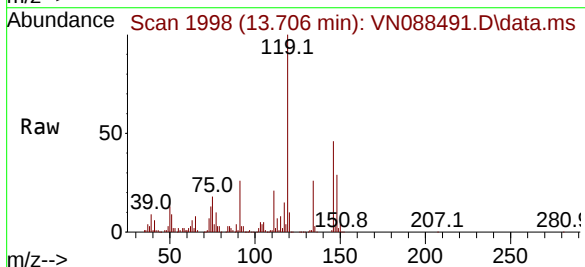
Tgt Ion:119 Resp: 272515

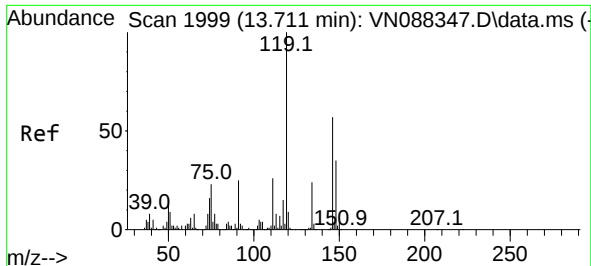
Ion Ratio Lower Upper

119 100

134 24.8 12.2 36.6

91 26.7 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 19.901 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

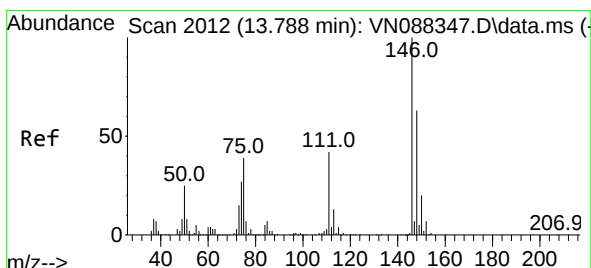
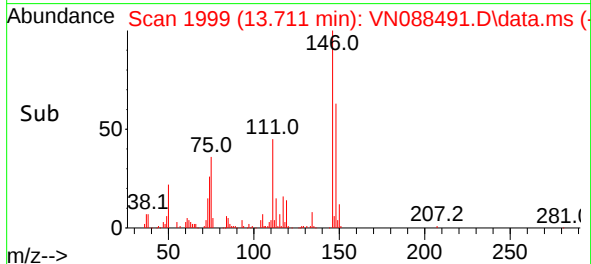
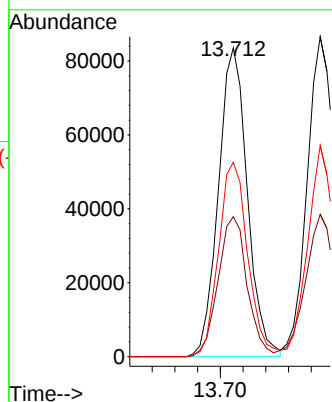
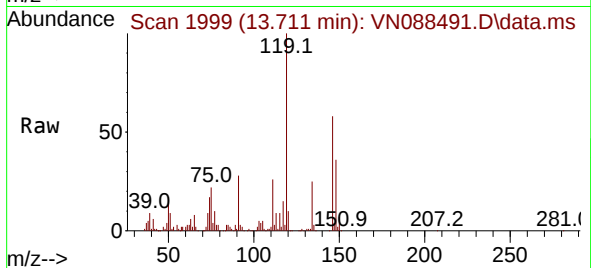
Tgt Ion:146 Resp: 147679

Ion Ratio Lower Upper

146 100

111 45.5 22.4 67.0

148 63.6 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 19.518 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

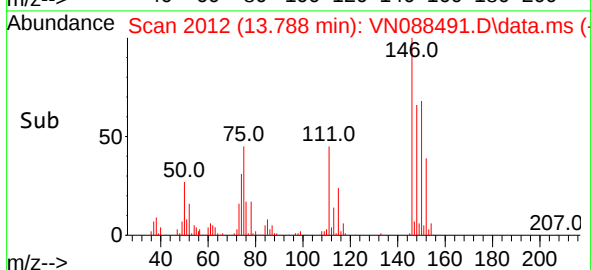
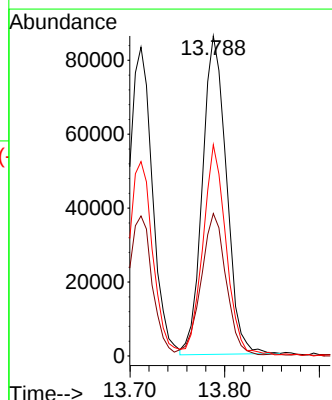
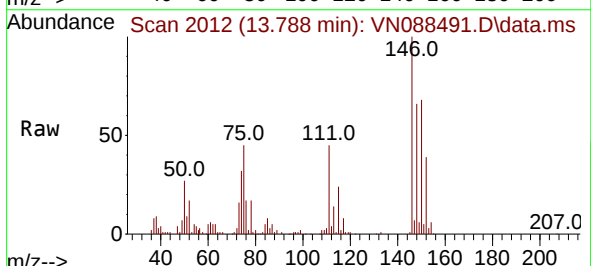
Tgt Ion:146 Resp: 151712

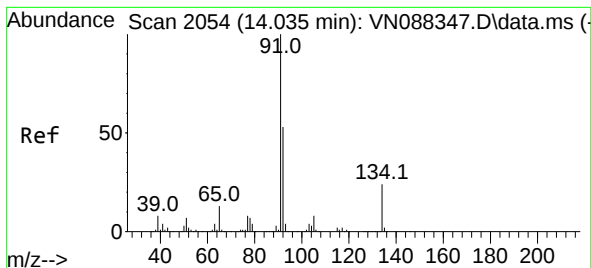
Ion Ratio Lower Upper

146 100

111 46.0 21.6 64.6

148 63.7 31.0 93.0





#89

n-Butylbenzene

Concen: 19.036 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

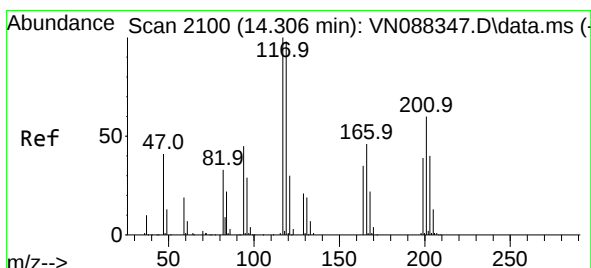
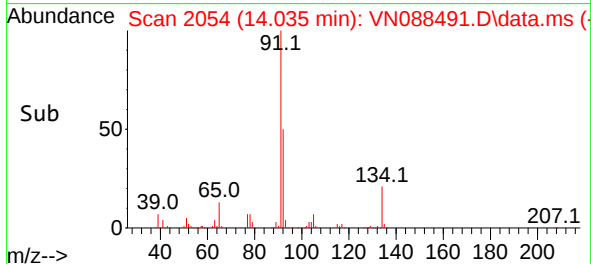
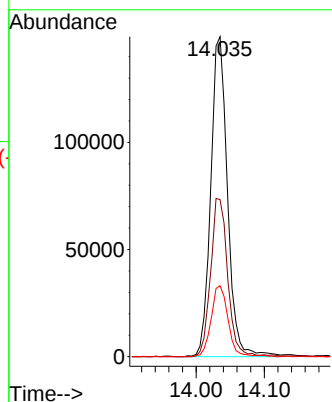
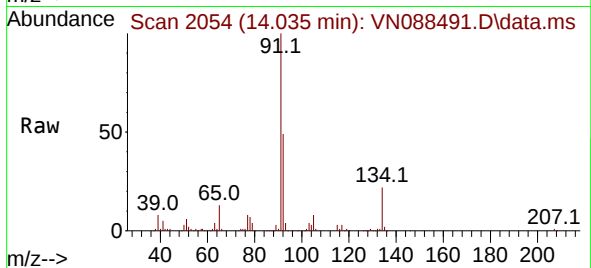
Tgt Ion: 91 Resp: 255518

Ion Ratio Lower Upper

91 100

92 50.2 26.1 78.3

134 22.4 11.7 35.1



#90

Hexachloroethane

Concen: 19.304 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. 0.006 min

Lab File: VN088491.D

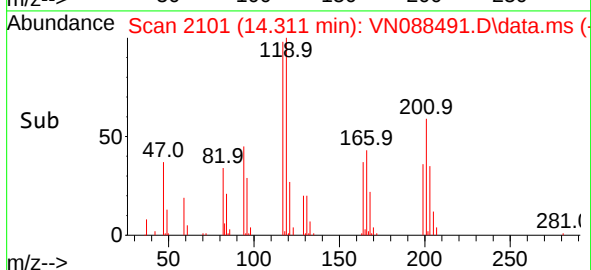
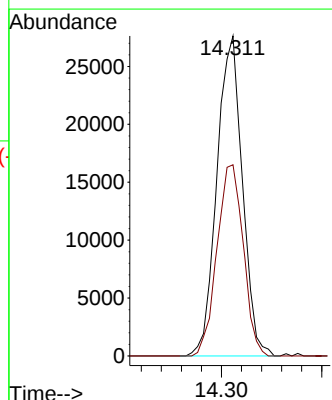
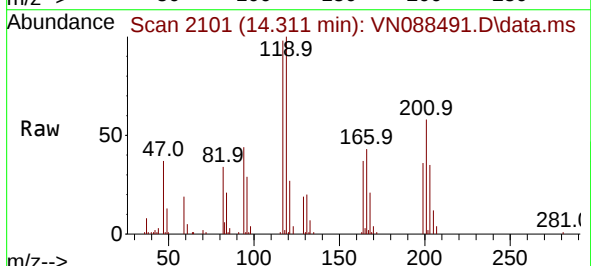
Acq: 10 Dec 2025 12:03

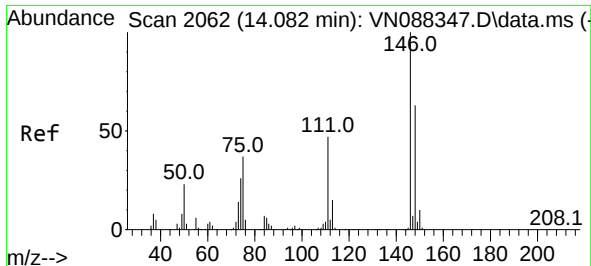
Tgt Ion: 117 Resp: 48753

Ion Ratio Lower Upper

117 100

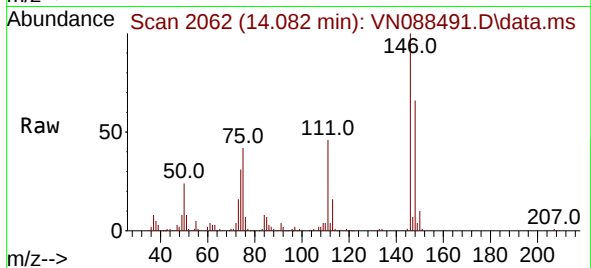
201 61.6 30.3 90.9



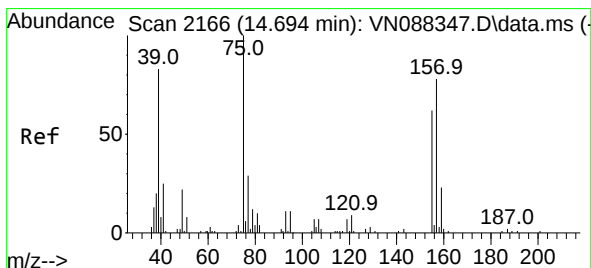
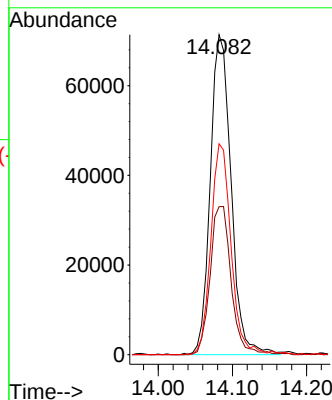
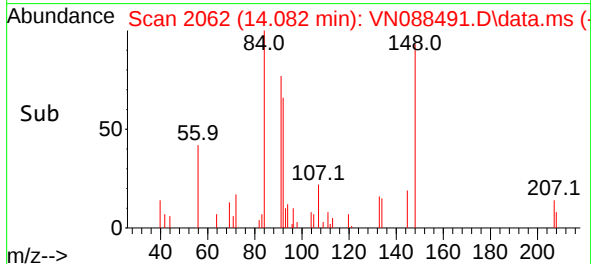


#91
1,2-Dichlorobenzene
Concen: 19.921 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03

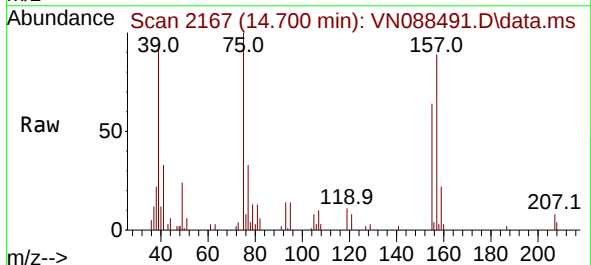
Instrument :
MSVOA_N
ClientSampleId :



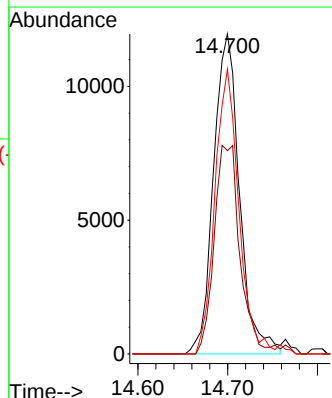
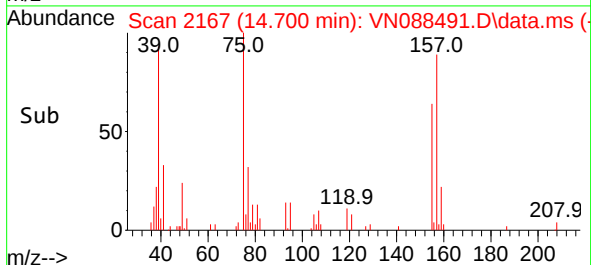
Tgt Ion:146 Resp: 139106
Ion Ratio Lower Upper
146 100
111 46.8 23.3 69.9
148 63.7 31.8 95.4

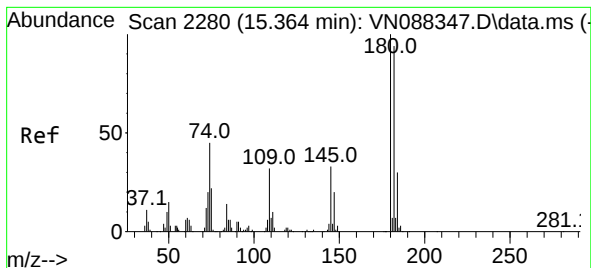


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.410 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088491.D
Acq: 10 Dec 2025 12:03



Tgt Ion: 75 Resp: 24058
Ion Ratio Lower Upper
75 100
155 64.3 33.7 101.1
157 81.6 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 18.167 ug/l

RT: 15.364 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

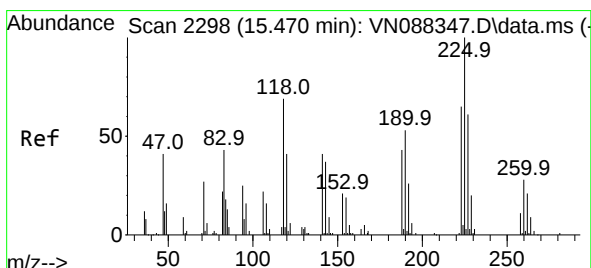
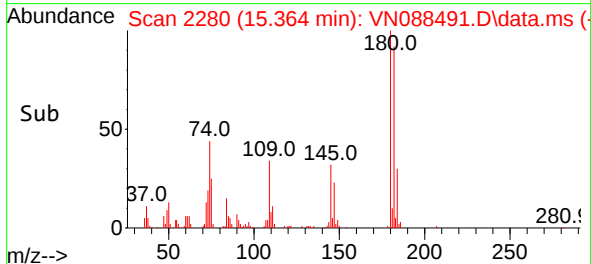
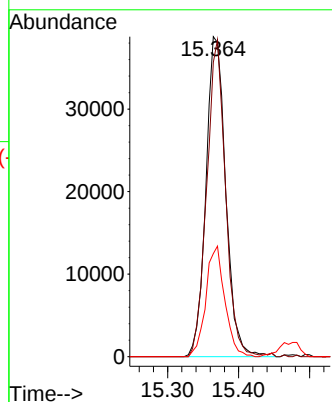
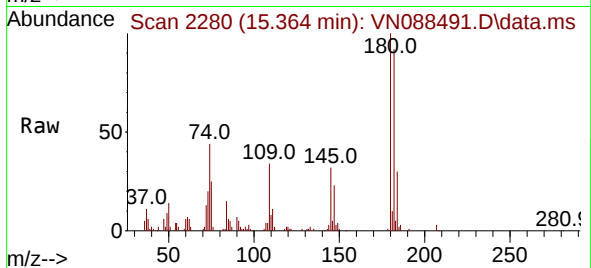
Tgt Ion:180 Resp: 75376

Ion Ratio Lower Upper

180 100

182 93.7 46.1 138.2

145 33.0 16.7 50.1



#94

Hexachlorobutadiene

Concen: 19.164 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

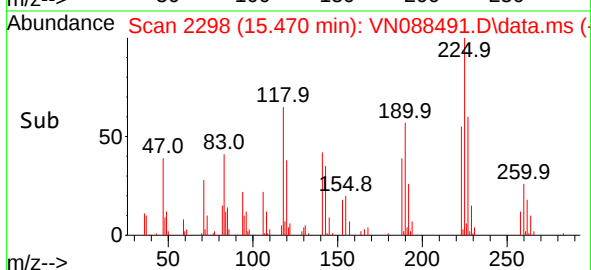
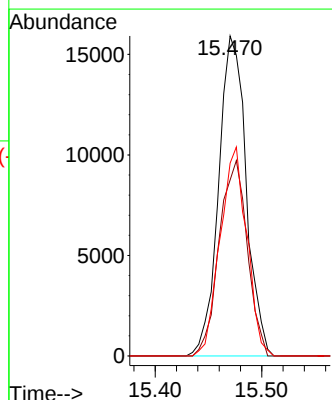
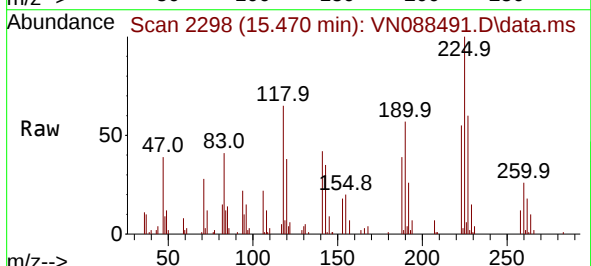
Tgt Ion:225 Resp: 28573

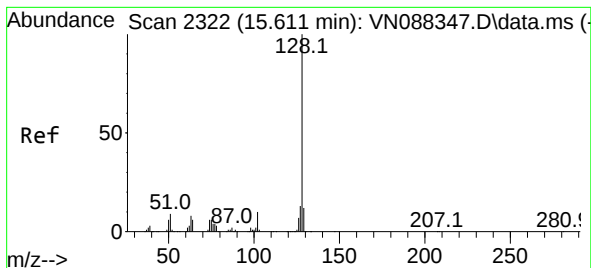
Ion Ratio Lower Upper

225 100

223 62.4 32.3 96.8

227 63.3 29.9 89.8





#95

Naphthalene

Concen: 17.597 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

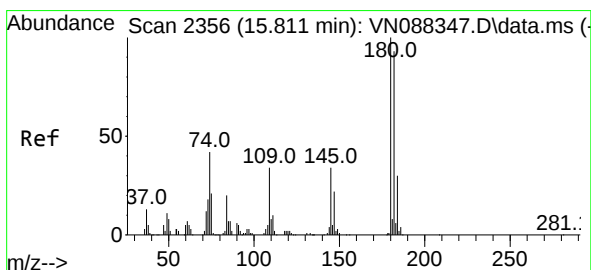
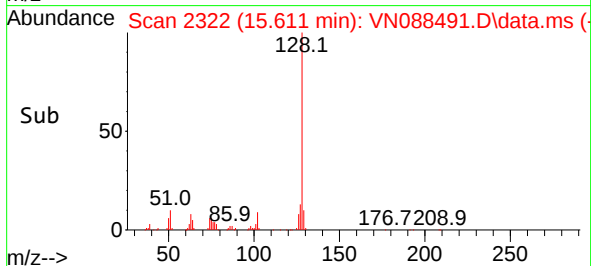
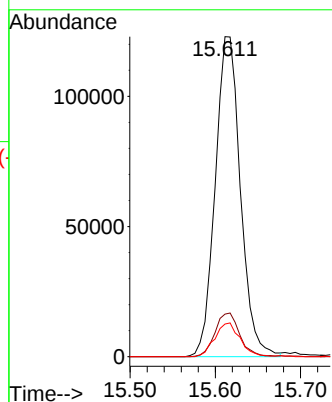
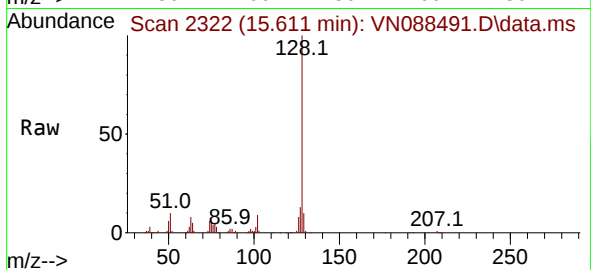
Tgt Ion:128 Resp: 252994

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 10.6 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 17.561 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088491.D

Acq: 10 Dec 2025 12:03

Tgt Ion:180 Resp: 70909

Ion Ratio Lower Upper

180 100

182 98.3 45.9 137.7

145 38.2 17.8 53.4

