

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088496.D
 Acq On : 10 Dec 2025 13:45
 Operator : JC\MD
 Sample : VN1210WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 02:06:59 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	226609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	440776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	408174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	199717	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	259490	60.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.580%	
35) Dibromofluoromethane	8.147	113	169025	55.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.680%	
50) Toluene-d8	10.541	98	597142	52.541	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.080%	
62) 4-Bromofluorobenzene	12.823	95	210912	54.085	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	62439	18.345	ug/l	96
3) Chloromethane	2.383	50	67502	18.465	ug/l	98
4) Vinyl Chloride	2.536	62	67189	18.067	ug/l	99
5) Bromomethane	2.989	94	33391	18.655	ug/l	90
6) Chloroethane	3.148	64	43783	19.024	ug/l	99
7) Trichlorofluoromethane	3.524	101	99969	19.126	ug/l	92
8) Diethyl Ether	3.959	74	38362	19.554	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	52513	18.872	ug/l	98
10) Methyl Iodide	4.583	142	42947	15.591	ug/l #	93
11) Tert butyl alcohol	5.506	59	60652	88.991	ug/l	99
12) 1,1-Dichloroethene	4.342	96	53154	19.226	ug/l	89
13) Acrolein	4.177	56	52703	80.771	ug/l	100
14) Allyl chloride	5.018	41	97887	19.102	ug/l	98
15) Acrylonitrile	5.706	53	206874	105.204	ug/l	98
16) Acetone	4.418	43	226535	146.735	ug/l	98
17) Carbon Disulfide	4.712	76	161159	17.839	ug/l	99
18) Methyl Acetate	5.018	43	101935	22.181	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	211986	20.466	ug/l	99
20) Methylene Chloride	5.265	84	66444	20.116	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	58805	19.201	ug/l	98
22) Diisopropyl ether	6.653	45	230841	21.101	ug/l	91
23) Vinyl Acetate	6.589	43	1022501	116.006	ug/l	98
24) 1,1-Dichloroethane	6.559	63	128321	20.712	ug/l	95
25) 2-Butanone	7.465	43	288097	116.079	ug/l	94
26) 2,2-Dichloropropane	7.471	77	105983	19.819	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	71205	20.006	ug/l	98
28) Bromochloromethane	7.794	49	88987	28.833	ug/l	100
29) Tetrahydrofuran	7.824	42	178261	100.135	ug/l	99
30) Chloroform	7.947	83	131389	21.583	ug/l	99
31) Cyclohexane	8.236	56	96701	17.224	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	108515	20.273	ug/l	95
36) 1,1-Dichloropropene	8.353	75	82081	17.412	ug/l	98
37) Ethyl Acetate	7.541	43	118034	19.042	ug/l	98
38) Carbon Tetrachloride	8.341	117	87318	18.606	ug/l	99
39) Methylcyclohexane	9.577	83	75150	14.903	ug/l	98
40) Benzene	8.588	78	263185	19.022	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088496.D
 Acq On : 10 Dec 2025 13:45
 Operator : JC\MD
 Sample : VN1210WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 02:06:59 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)
41) Methacrylonitrile	7.765	41	60031	19.554	ug/l	98
42) 1,2-Dichloroethane	8.653	62	112287	21.271	ug/l	98
43) Isopropyl Acetate	8.671	43	178268	18.823	ug/l	99
44) Trichloroethene	9.330	130	56577	17.306	ug/l	99
45) 1,2-Dichloropropane	9.606	63	70358	19.847	ug/l	97
46) Dibromomethane	9.694	93	51460	20.341	ug/l	98
47) Bromodichloromethane	9.865	83	105403	20.419	ug/l	98
48) Methyl methacrylate	9.659	41	80824	18.704	ug/l	100
49) 1,4-Dioxane	9.677	88	19429	353.552	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	567860	101.725	ug/l	100
52) Toluene	10.606	92	156589	19.600	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	99689	18.815	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	105841	18.995	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	64166	20.759	ug/l	96
56) Ethyl methacrylate	10.853	69	91116	18.661	ug/l	98
57) 1,3-Dichloropropane	11.141	76	112040	20.092	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	126034	44.774	ug/l	98
59) 2-Hexanone	11.177	43	340552	96.841	ug/l	99
60) Dibromochloromethane	11.329	129	71113	20.181	ug/l	100
61) 1,2-Dibromoethane	11.447	107	63175	20.183	ug/l	99
64) Tetrachloroethene	11.082	164	46267	14.298	ug/l	92
65) Chlorobenzene	11.865	112	165806	18.085	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.935	131	59129	19.122	ug/l	98
67) Ethyl Benzene	11.941	91	276056	17.227	ug/l	98
68) m/p-Xylenes	12.047	106	205689	34.620	ug/l	98
69) o-Xylene	12.376	106	98717	17.428	ug/l	96
70) Styrene	12.388	104	166487	18.102	ug/l	99
71) Bromoform	12.559	173	42890	18.937	ug/l #	99
73) Isopropylbenzene	12.676	105	237264	16.067	ug/l	99
74) N-amyl acetate	12.618	43	22084	4.391	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.918	83	92597	19.397	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	123839	26.474	ug/l	64
77) Bromobenzene	12.959	156	62228	18.418	ug/l	98
78) n-propylbenzene	13.012	91	308833	17.095	ug/l	99
79) 2-Chlorotoluene	13.100	91	194938	17.670	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	208192	17.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	27006	16.379	ug/l #	92
82) 4-Chlorotoluene	13.200	91	202428	18.474	ug/l	99
83) tert-Butylbenzene	13.412	119	166323	15.990	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	215051	17.682	ug/l	97
85) sec-Butylbenzene	13.594	105	242366	16.219	ug/l	99
86) p-Isopropyltoluene	13.706	119	198002	16.159	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	117572	17.876	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	121032	17.568	ug/l	97
89) n-Butylbenzene	14.035	91	184645	15.519	ug/l	99
90) Hexachloroethane	14.306	117	38861	17.360	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	111046	17.942	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20968	18.103	ug/l	93
93) 1,2,4-Trichlorobenzene	15.365	180	57086	15.523	ug/l	96
94) Hexachlorobutadiene	15.470	225	19943	15.091	ug/l	94
95) Naphthalene	15.617	128	195728	15.359	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	56108	15.677	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
Data File : VN088496.D
Acq On : 10 Dec 2025 13:45
Operator : JC\MD
Sample : VN1210WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

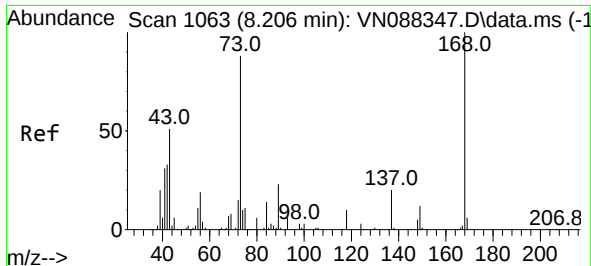
Quant Time: Dec 11 02:06:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Dec 11 02:06:59 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

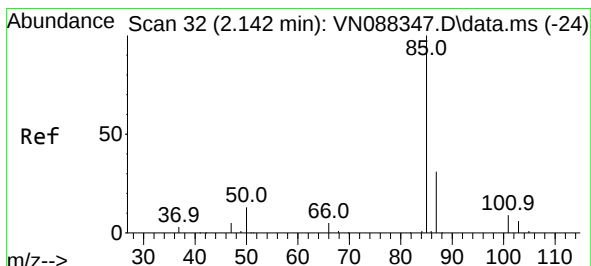
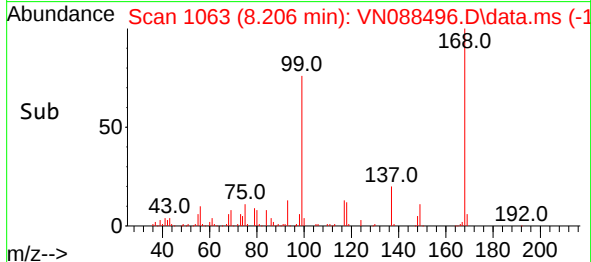
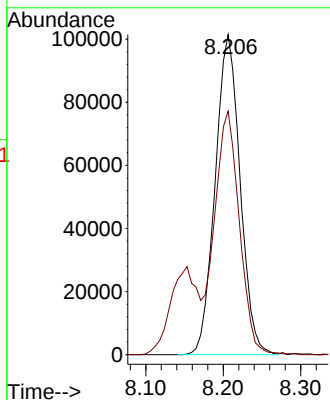
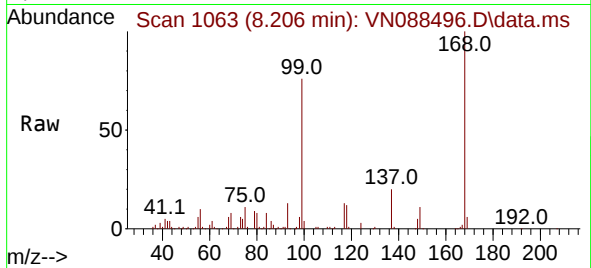




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

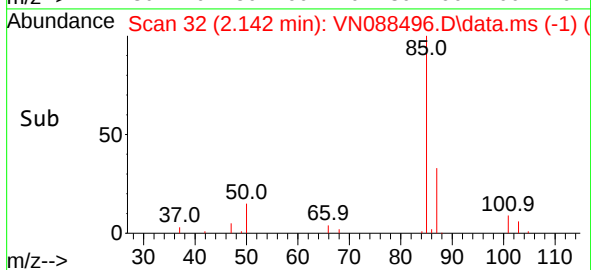
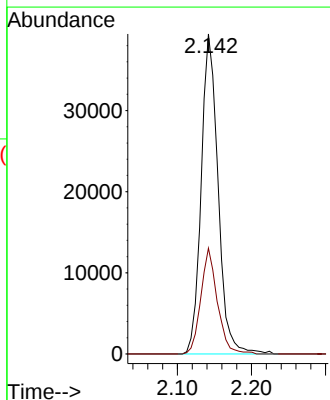
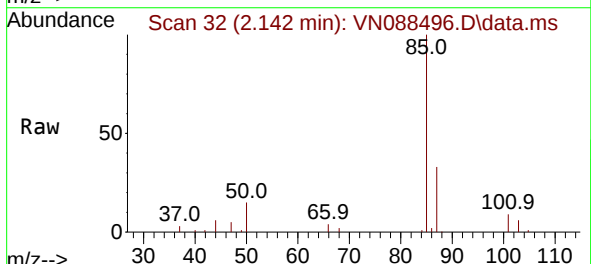
Instrument :
MSVOA_N
ClientSampleId :

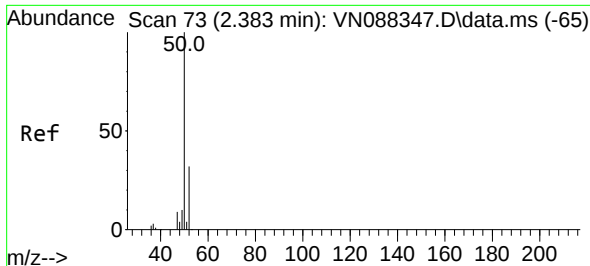
Tgt Ion:168 Resp: 226609
Ion Ratio Lower Upper
168 100
99 75.5 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 18.345 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 85 Resp: 62439
Ion Ratio Lower Upper
85 100
87 33.0 15.6 46.7

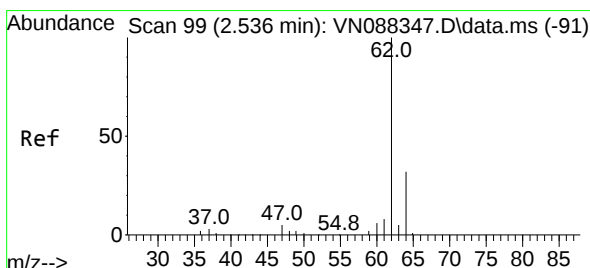
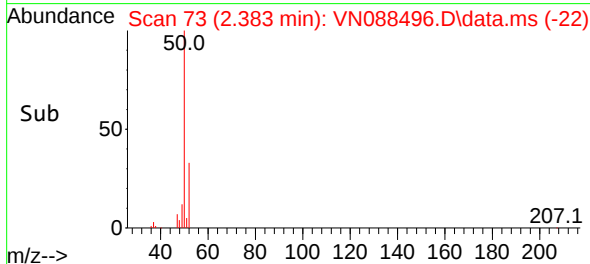
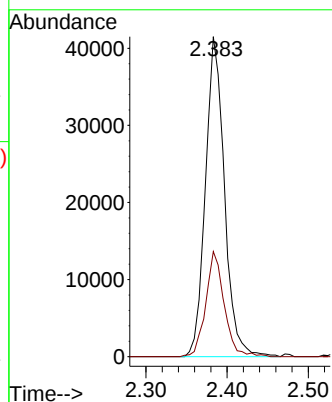
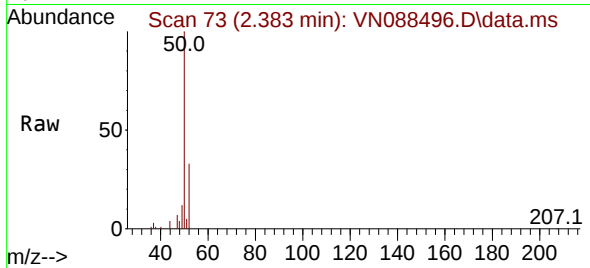




#3
Chloromethane
Concen: 18.465 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

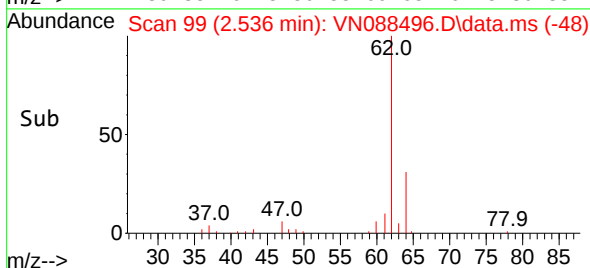
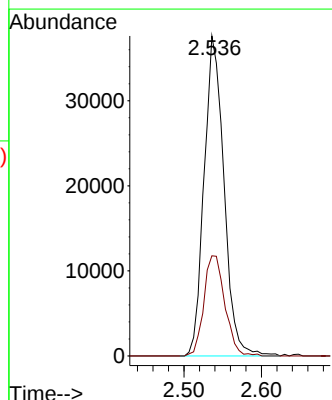
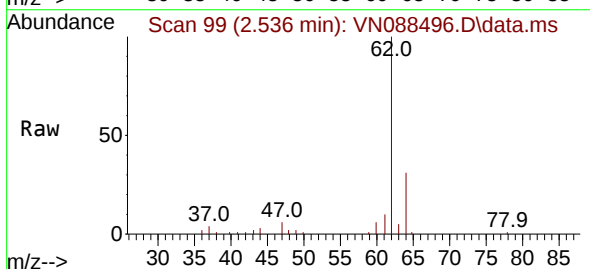
Instrument :
MSVOA_N
ClientSampleId :

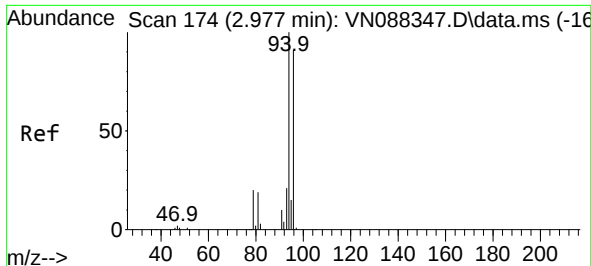
Tgt Ion: 50 Resp: 67502
Ion Ratio Lower Upper
50 100
52 32.8 25.2 37.8



#4
Vinyl Chloride
Concen: 18.067 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 62 Resp: 67189
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.2

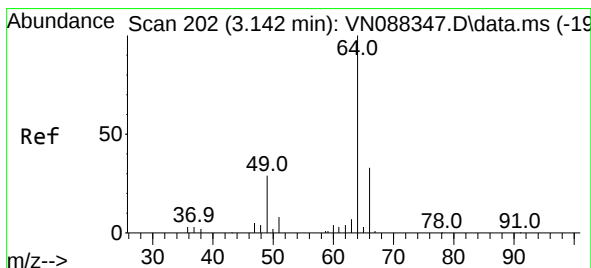
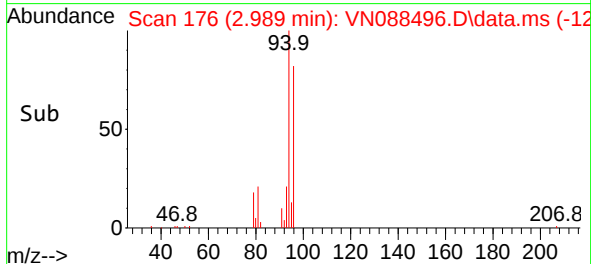
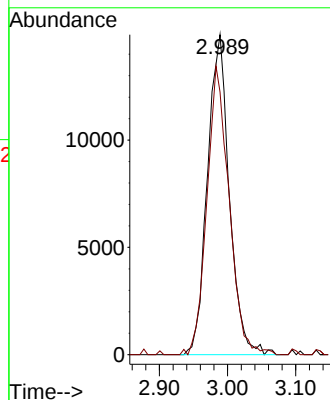
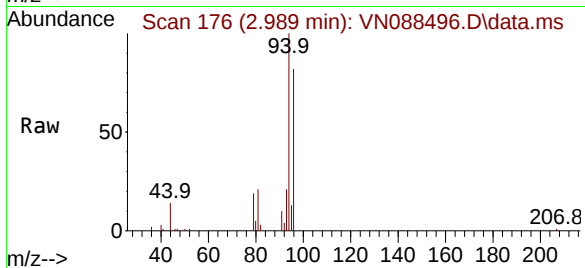




#5
Bromomethane
Concen: 18.655 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

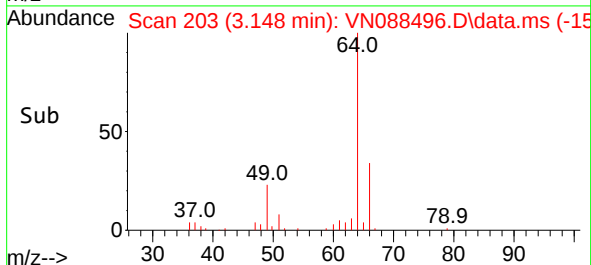
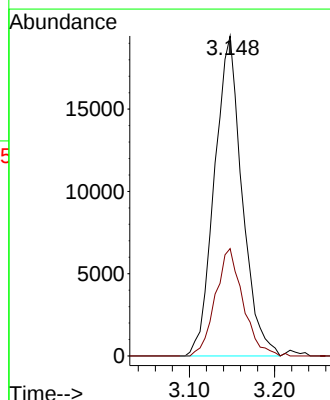
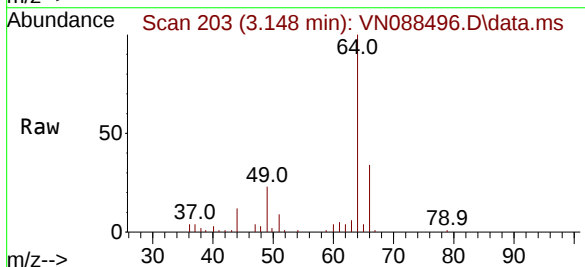
Instrument :
MSVOA_N
ClientSampleId :

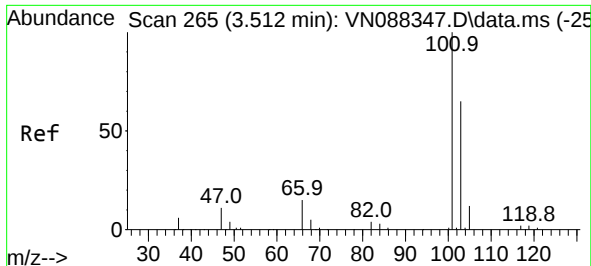
Tgt Ion: 94 Resp: 33391
Ion Ratio Lower Upper
94 100
96 82.0 73.2 109.8



#6
Chloroethane
Concen: 19.024 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 64 Resp: 43783
Ion Ratio Lower Upper
64 100
66 33.6 26.4 39.6

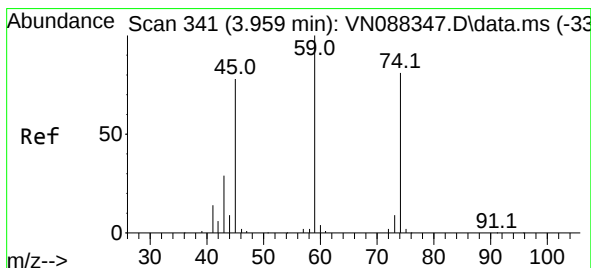
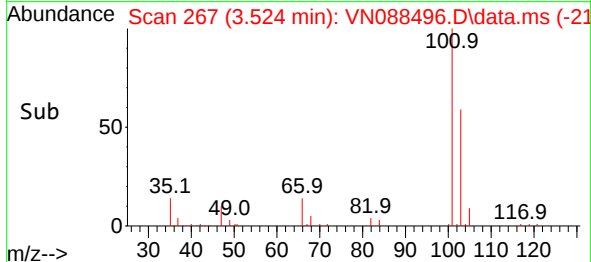
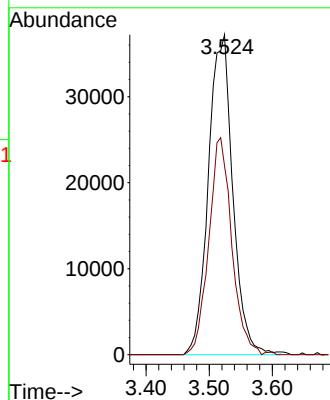
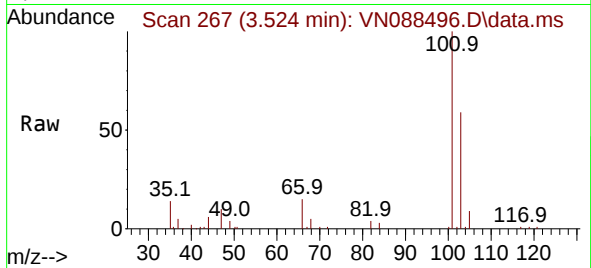




#7
Trichlorofluoromethane
Concen: 19.126 ug/l
RT: 3.524 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

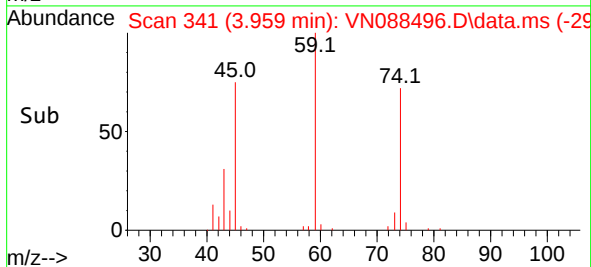
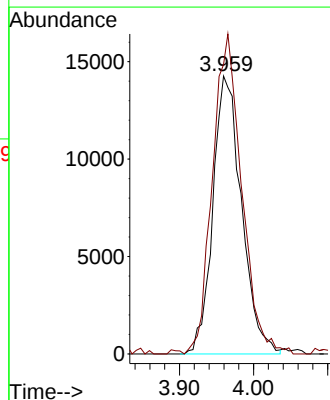
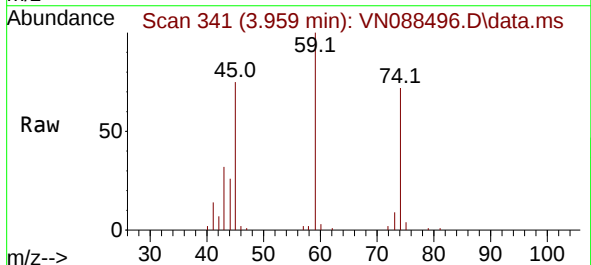
Instrument :
MSVOA_N
ClientSampleId :

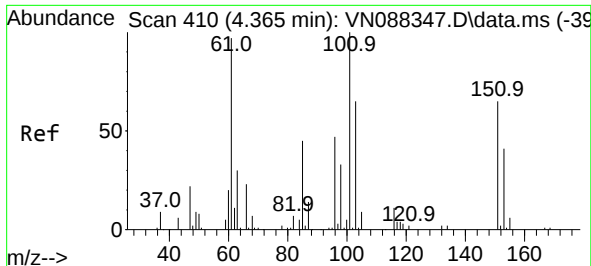
Tgt Ion:101 Resp: 99969
Ion Ratio Lower Upper
101 100
103 59.0 52.3 78.5



#8
Diethyl Ether
Concen: 19.554 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 74 Resp: 38362
Ion Ratio Lower Upper
74 100
45 117.1 54.2 162.6

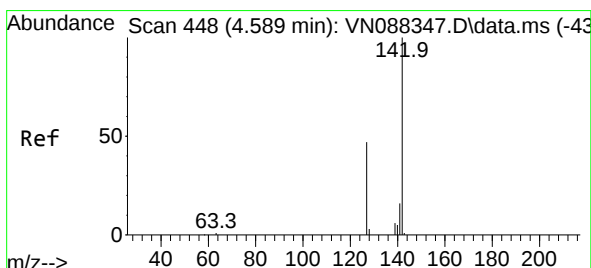
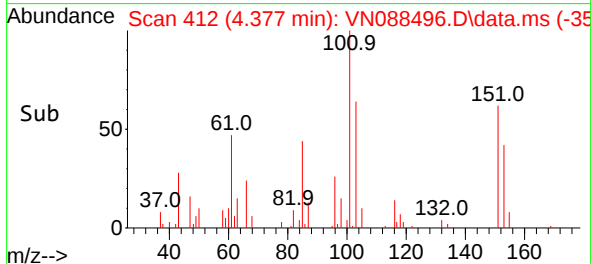
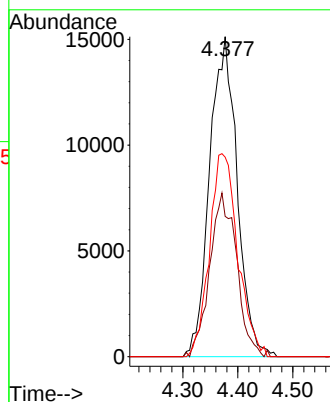
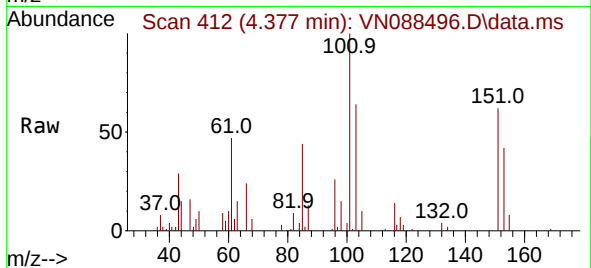




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.872 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

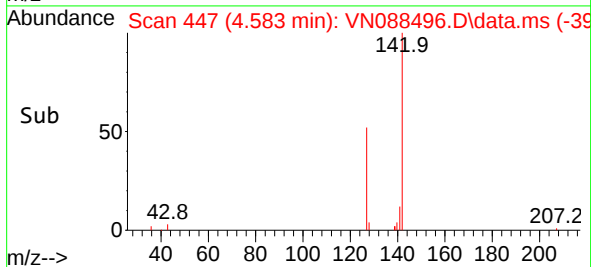
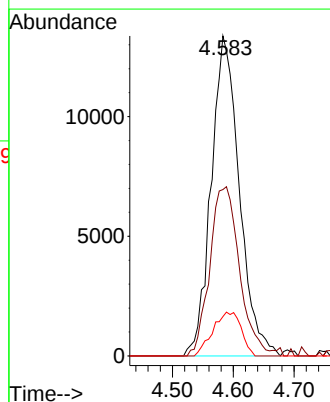
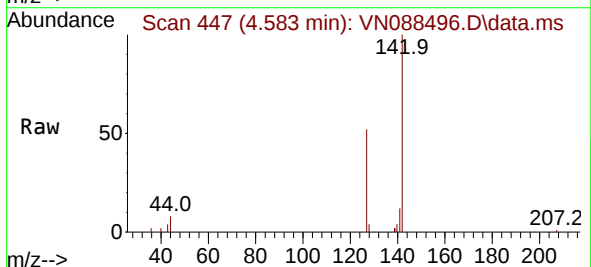
Instrument :
MSVOA_N
ClientSampleId :

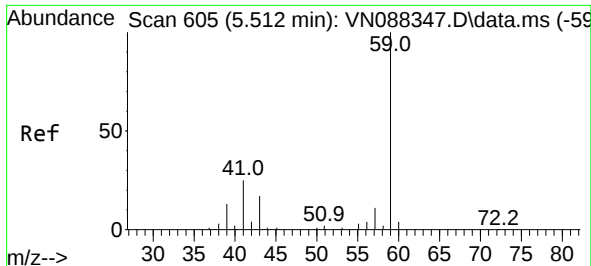
Tgt Ion:101 Resp: 52513
Ion Ratio Lower Upper
101 100
85 49.9 39.2 58.8
151 65.4 53.6 80.4



#10
Methyl Iodide
Concen: 15.591 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion:142 Resp: 42947
Ion Ratio Lower Upper
142 100
127 52.0 37.9 56.9
141 12.3 12.4 18.6#

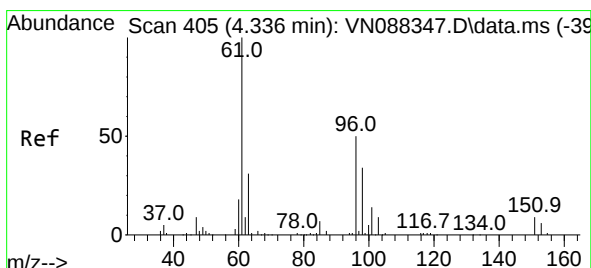
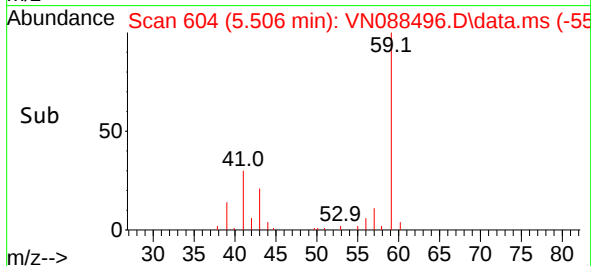
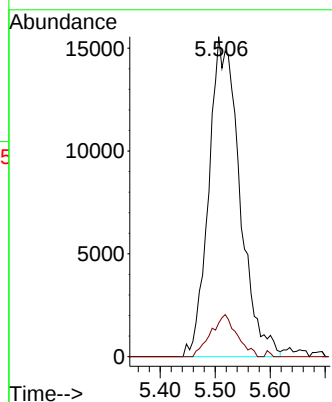
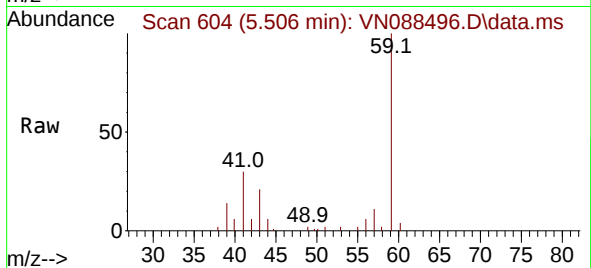




#11
Tert butyl alcohol
Concen: 88.991 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

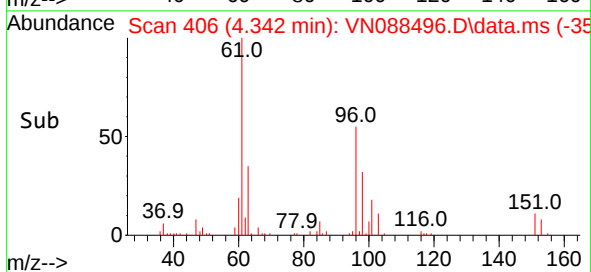
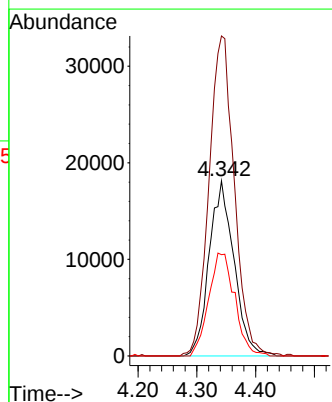
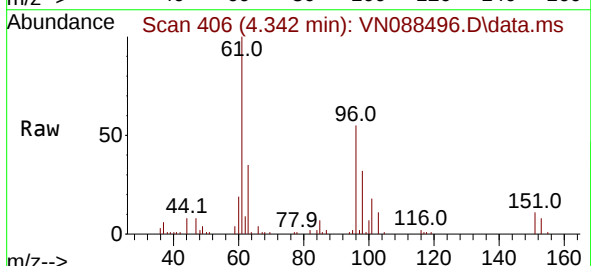
Instrument :
MSVOA_N
ClientSampleId :

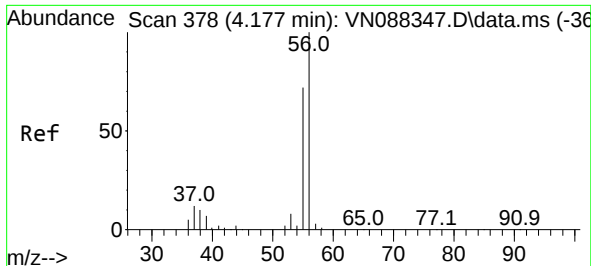
Tgt Ion: 59 Resp: 60652
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.226 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 96 Resp: 53154
Ion Ratio Lower Upper
96 100
61 182.9 159.1 238.7
98 57.9 53.7 80.5





#13

Acrolein

Concen: 80.771 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

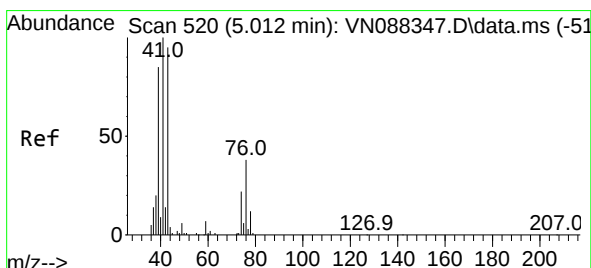
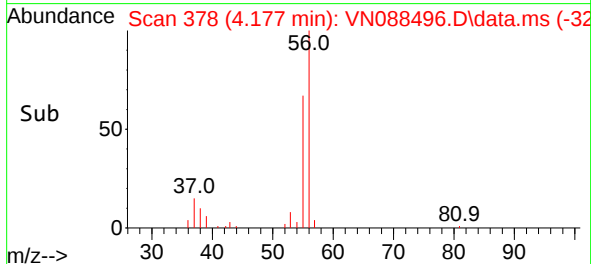
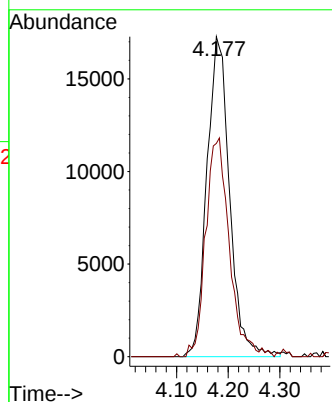
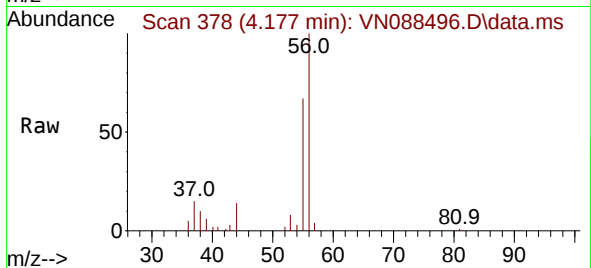
ClientSampleId :

Tgt Ion: 56 Resp: 52703

Ion Ratio Lower Upper

56 100

55 70.4 56.3 84.5



#14

Allyl chloride

Concen: 19.102 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

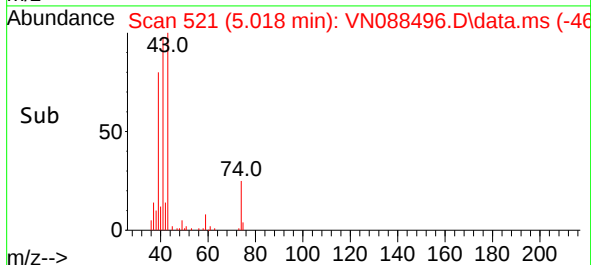
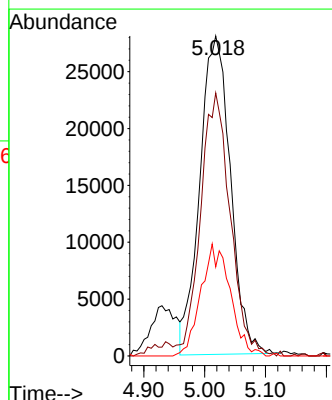
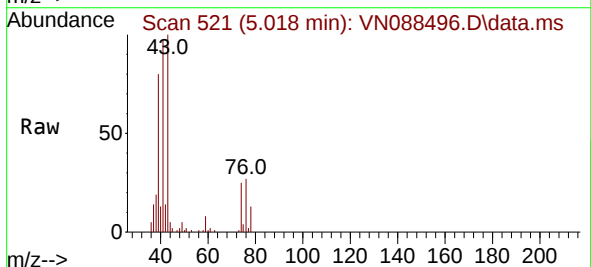
Tgt Ion: 41 Resp: 97887

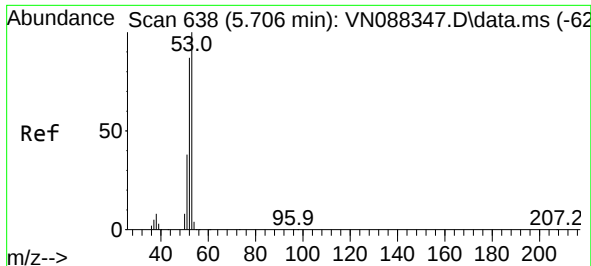
Ion Ratio Lower Upper

41 100

39 79.9 64.7 97.1

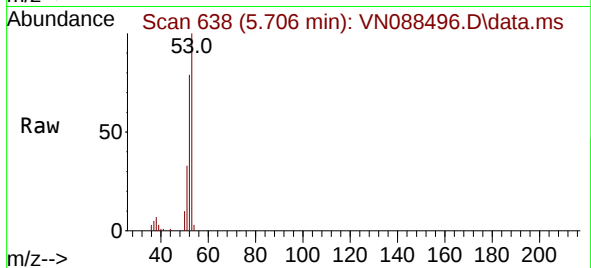
76 33.7 29.1 43.7





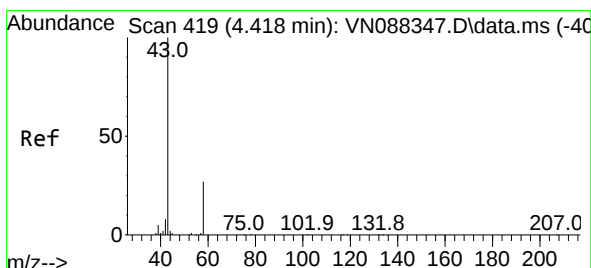
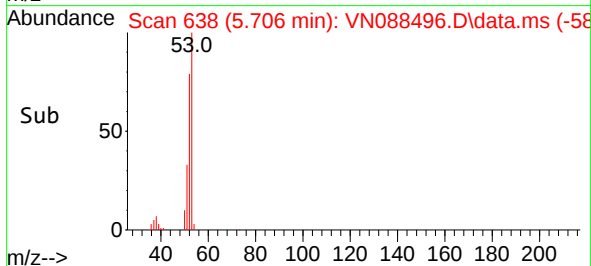
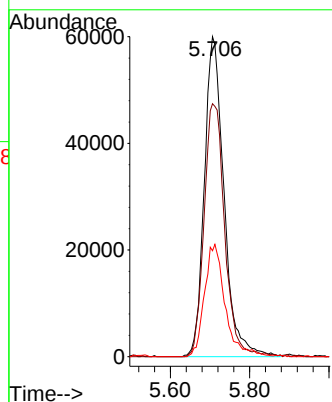
#15
Acrylonitrile
Concen: 105.204 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 206874

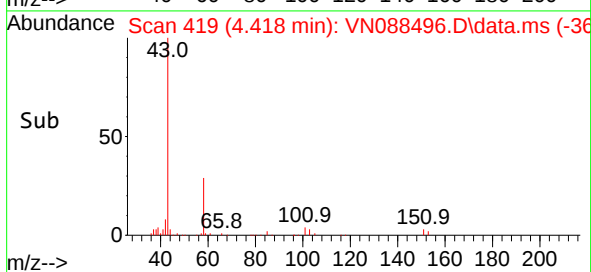
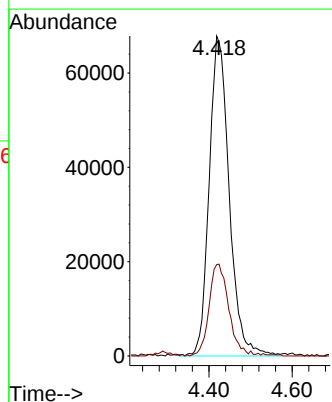
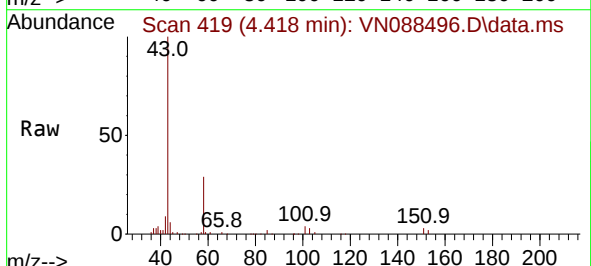
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.8	101.6
51	36.9	29.8	44.8

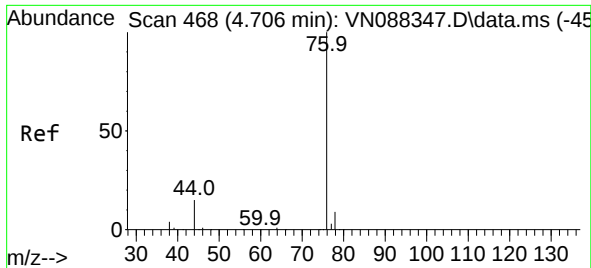


#16
Acetone
Concen: 146.735 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 43 Resp: 226535

Ion	Ratio	Lower	Upper
43	100		
58	28.2	21.7	32.5

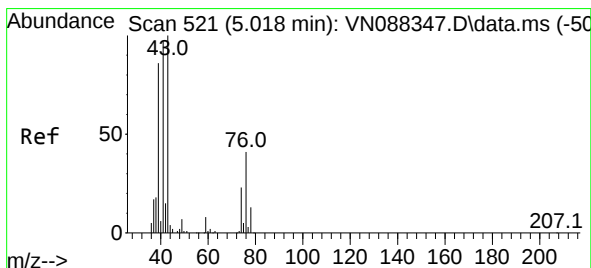
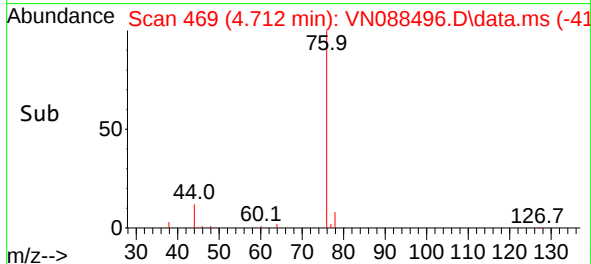
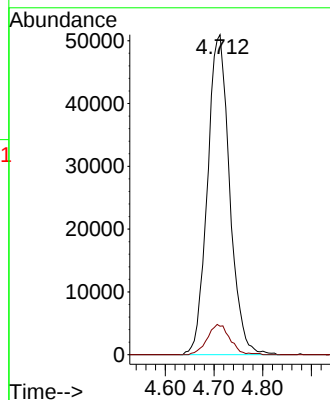
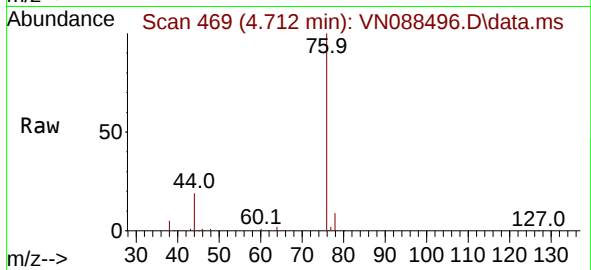




#17
Carbon Disulfide
Concen: 17.839 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

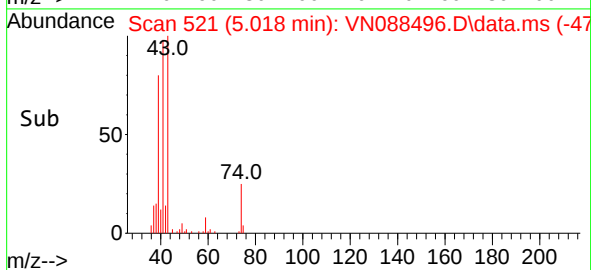
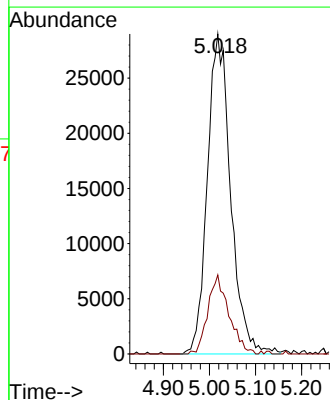
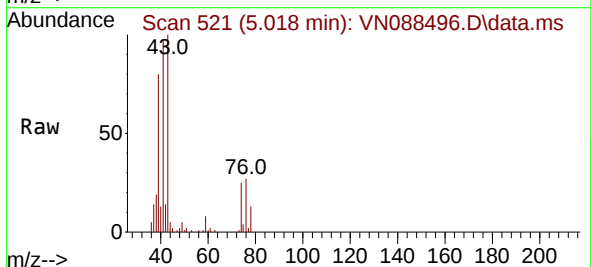
Instrument :
MSVOA_N
ClientSampleId :

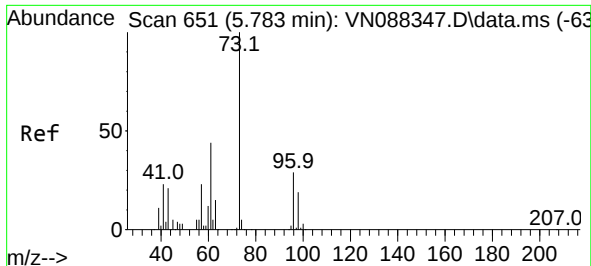
Tgt Ion: 76 Resp: 161159
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 22.181 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 43 Resp: 101935
Ion Ratio Lower Upper
43 100
74 22.3 17.9 26.9

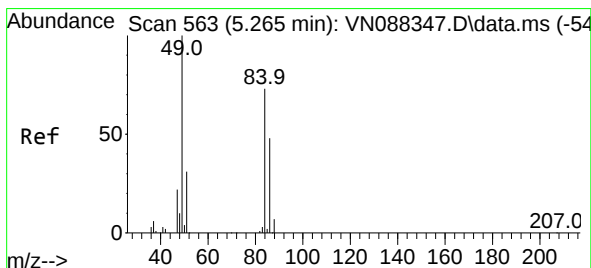
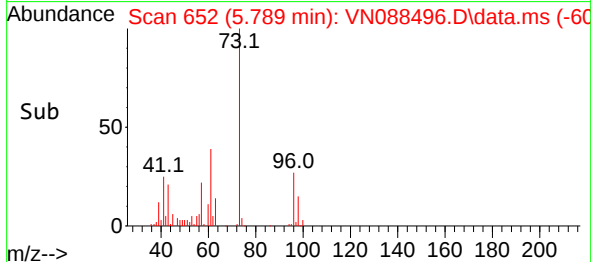
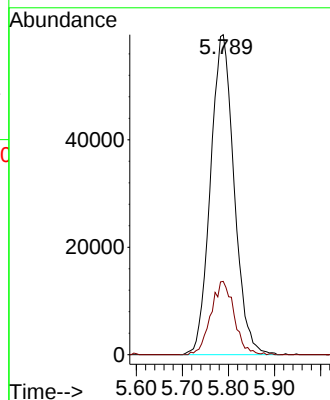
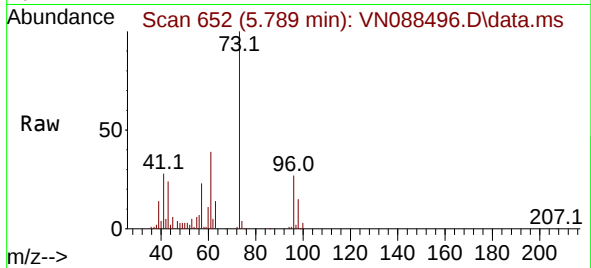




#19
Methyl tert-butyl Ether
Concen: 20.466 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

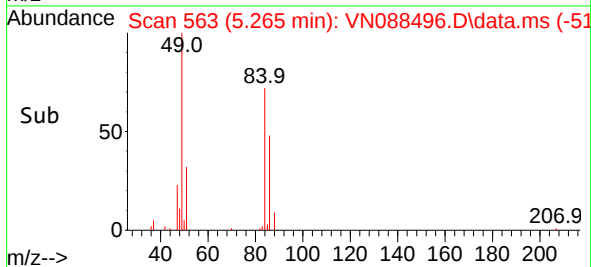
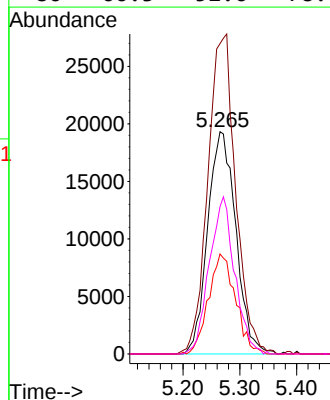
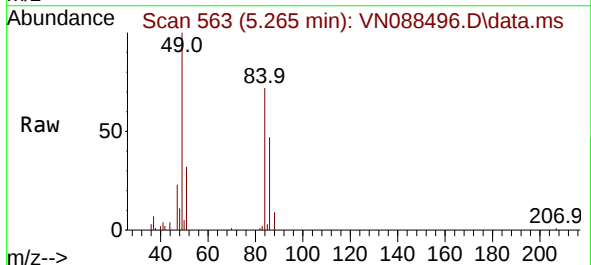
Instrument :
MSVOA_N
ClientSampleId :

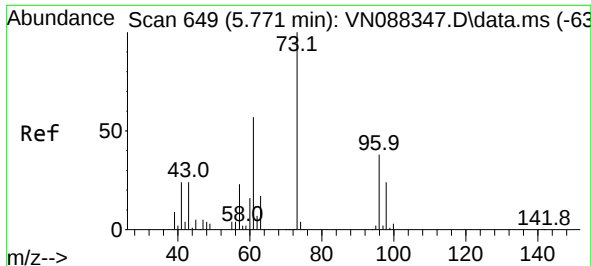
Tgt Ion: 73 Resp: 211986
Ion Ratio Lower Upper
73 100
57 22.9 18.6 28.0



#20
Methylene Chloride
Concen: 20.116 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 84 Resp: 66444
Ion Ratio Lower Upper
84 100
49 139.7 110.2 165.2
51 45.0 34.1 51.1
86 66.3 52.6 78.8

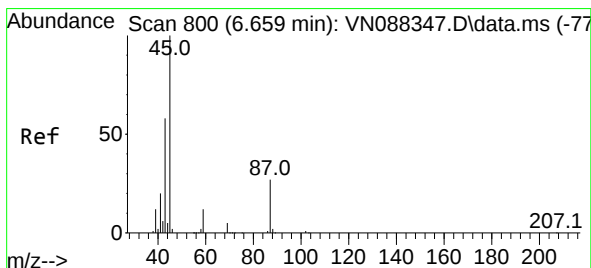
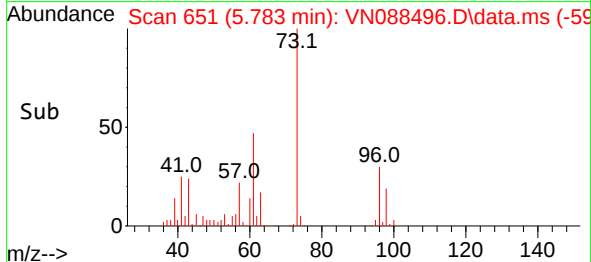
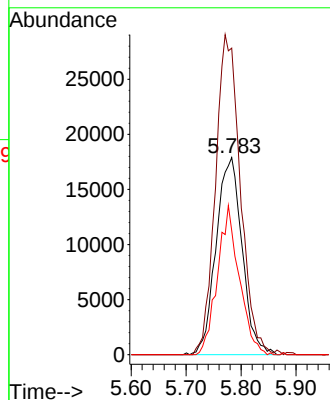
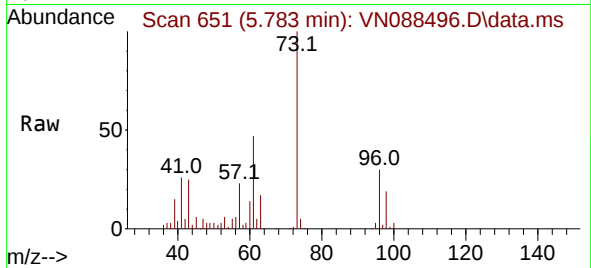




#21
trans-1,2-Dichloroethene
Concen: 19.201 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

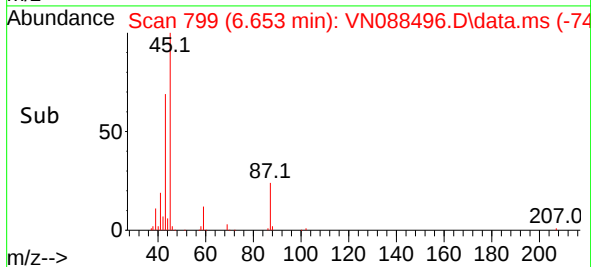
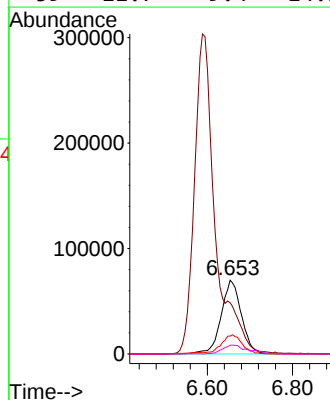
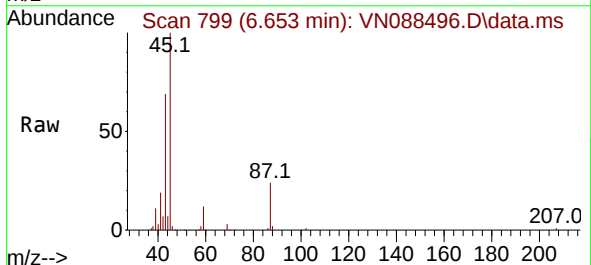
Instrument :
MSVOA_N
ClientSampleId :

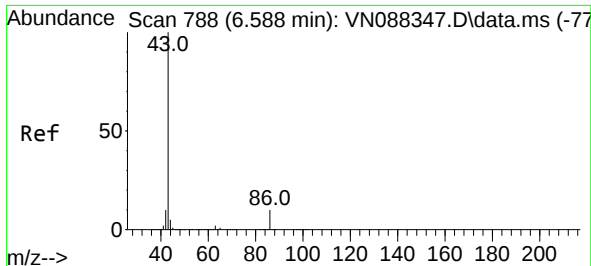
Tgt Ion: 96 Resp: 58805
Ion Ratio Lower Upper
96 100
61 155.5 122.4 183.6
98 62.9 50.9 76.3



#22
Diisopropyl ether
Concen: 21.101 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 45 Resp: 230841
Ion Ratio Lower Upper
45 100
43 68.1 47.4 71.2
87 24.0 21.9 32.9
59 11.7 9.4 14.2

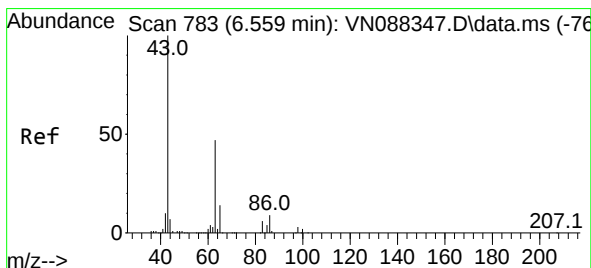
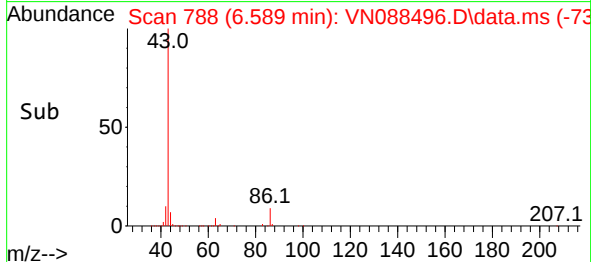
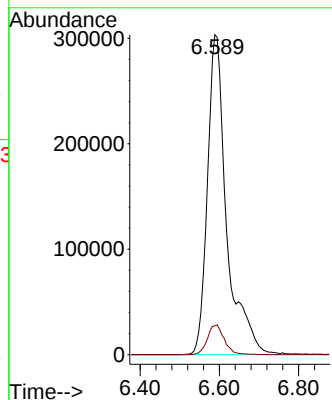
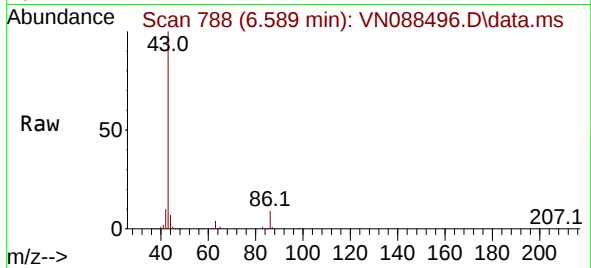




#23
 Vinyl Acetate
 Concen: 116.006 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088496.D
 Acq: 10 Dec 2025 13:45

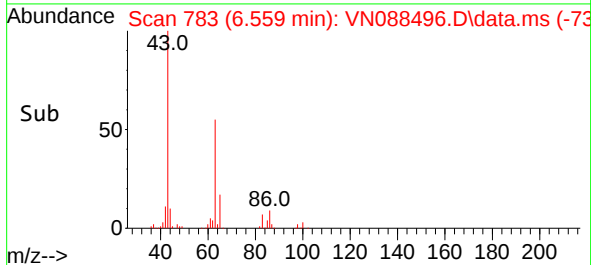
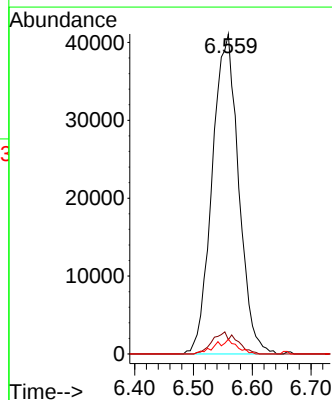
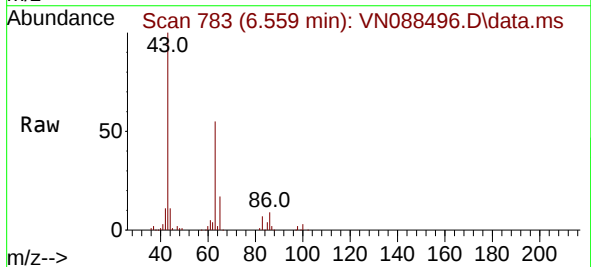
Instrument :
 MSVOA_N
 ClientSampleId :

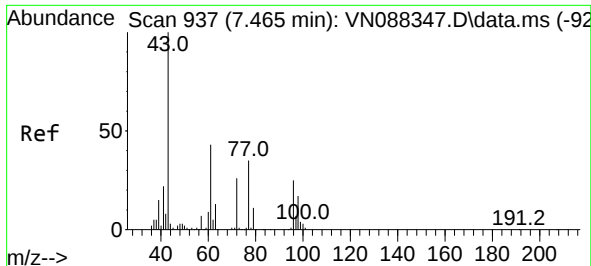
Tgt Ion: 43 Resp: 1022501
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.712 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN088496.D
 Acq: 10 Dec 2025 13:45

Tgt Ion: 63 Resp: 128321
 Ion Ratio Lower Upper
 63 100
 98 4.5 3.4 10.2
 100 4.6 1.9 5.7

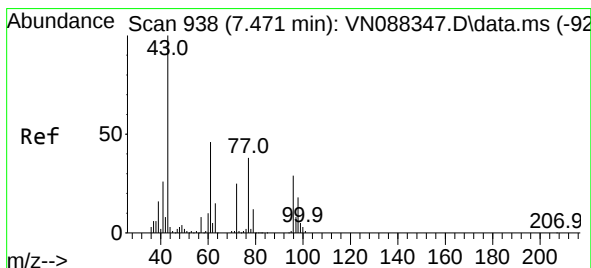
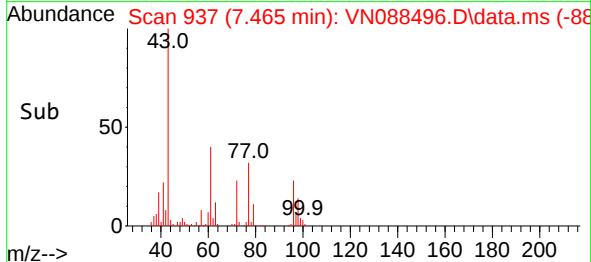
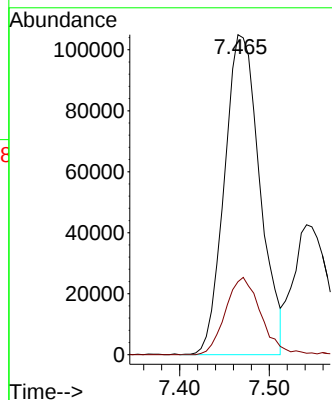
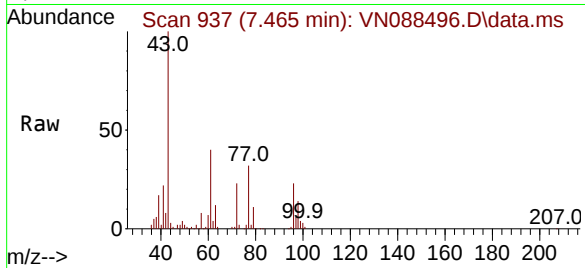




#25
2-Butanone
Concen: 116.079 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

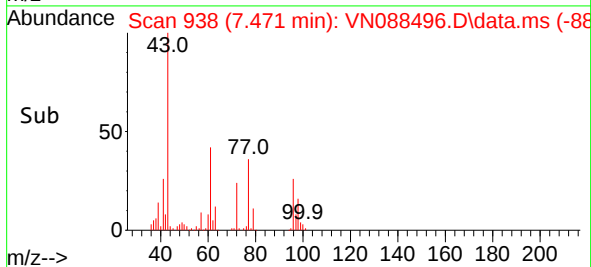
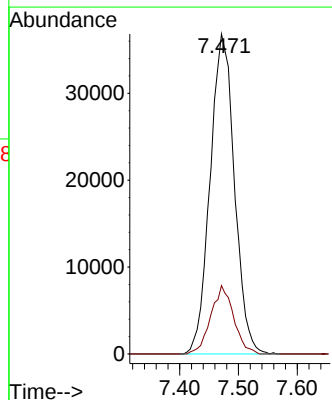
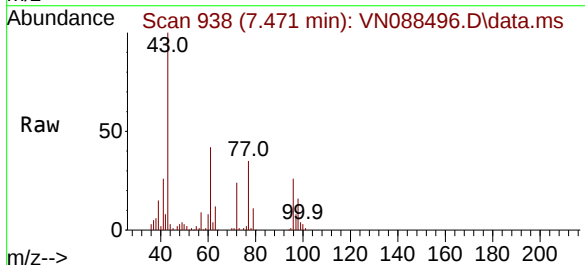
Instrument :
MSVOA_N
ClientSampleId :

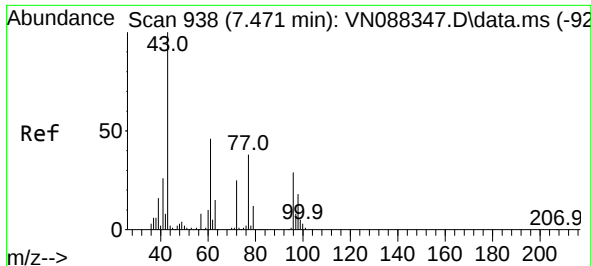
Tgt Ion: 43 Resp: 288097
Ion Ratio Lower Upper
43 100
72 22.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.819 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

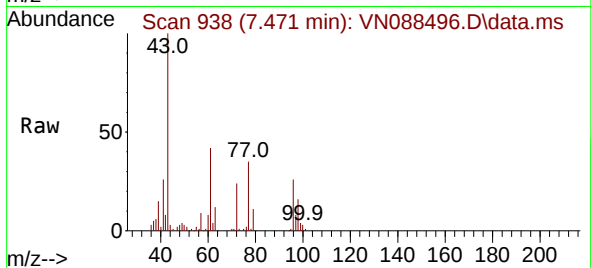
Tgt Ion: 77 Resp: 105983
Ion Ratio Lower Upper
77 100
97 20.1 10.3 30.9



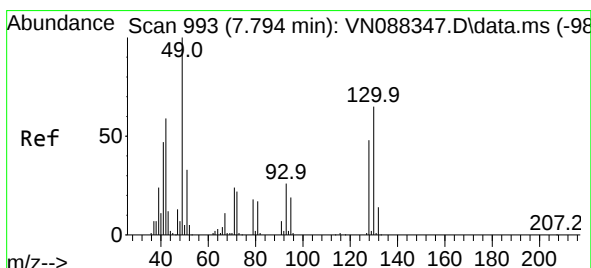
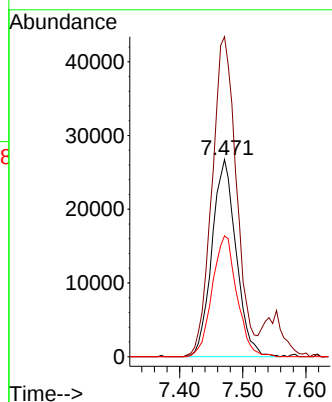
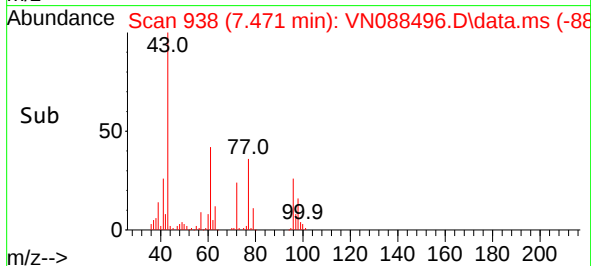


#27
 cis-1,2-Dichloroethene
 Concen: 20.006 ug/l
 RT: 7.471 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN088496.D
 Acq: 10 Dec 2025 13:45

Instrument :
 MSVOA_N
 ClientSampleId :

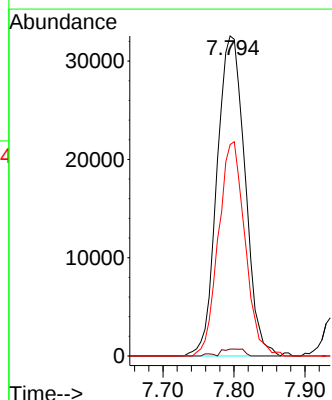
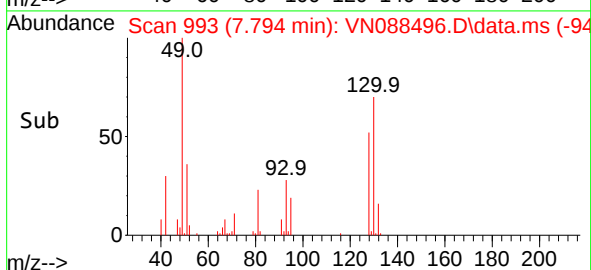
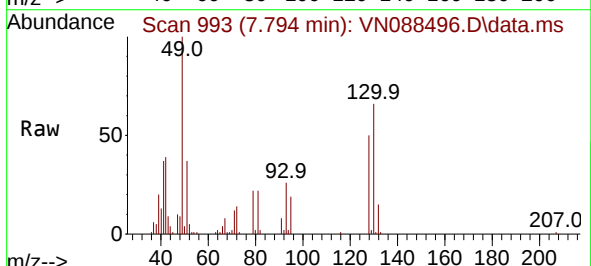


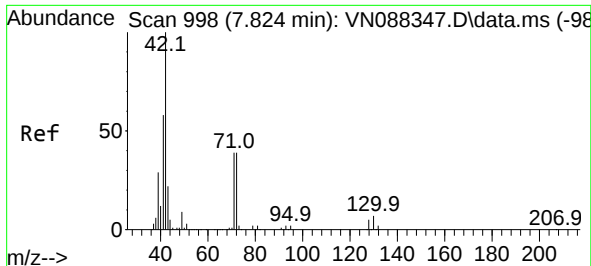
Tgt Ion: 96 Resp: 71205
 Ion Ratio Lower Upper
 96 100
 61 164.3 0.0 323.6
 98 62.6 0.0 127.2



#28
 Bromochloromethane
 Concen: 28.833 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088496.D
 Acq: 10 Dec 2025 13:45

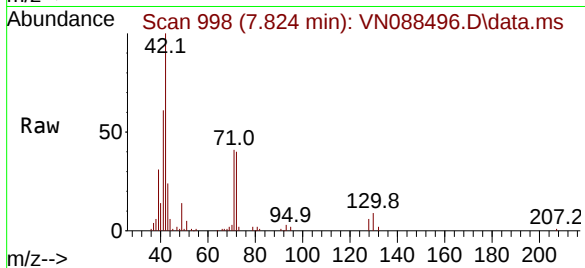
Tgt Ion: 49 Resp: 88987
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 63.6 51.1 76.7



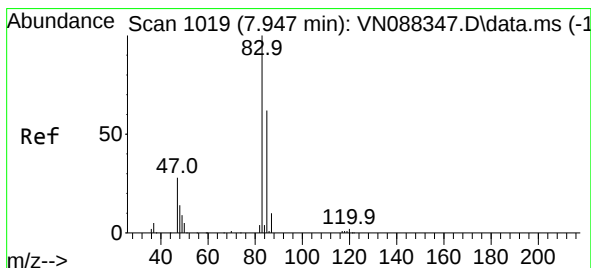
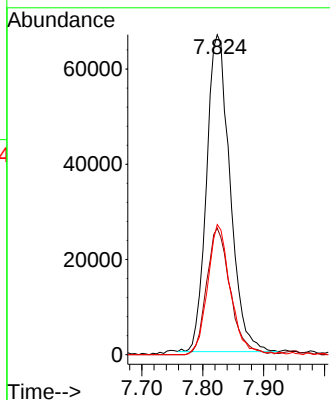
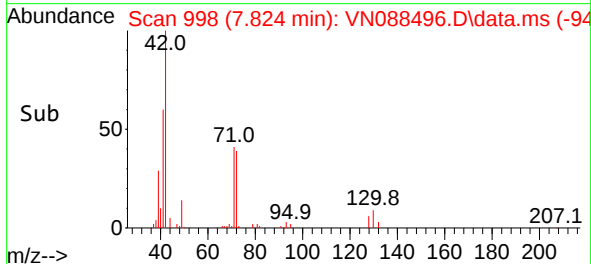


#29
Tetrahydrofuran
Concen: 100.135 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :

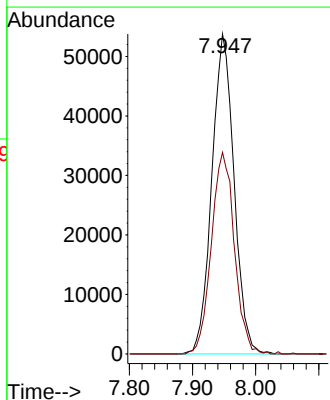
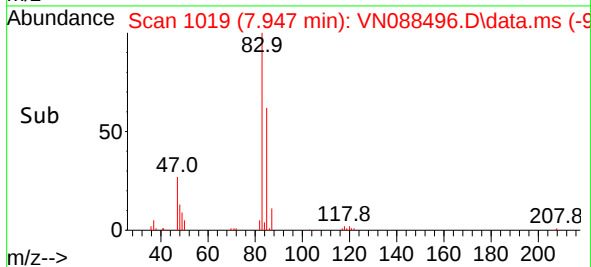
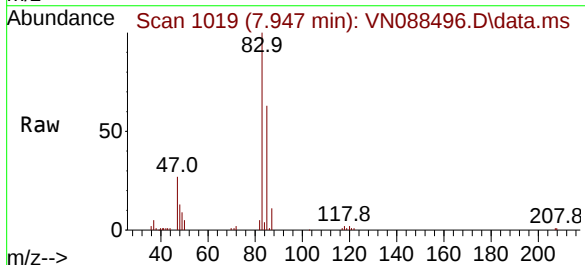


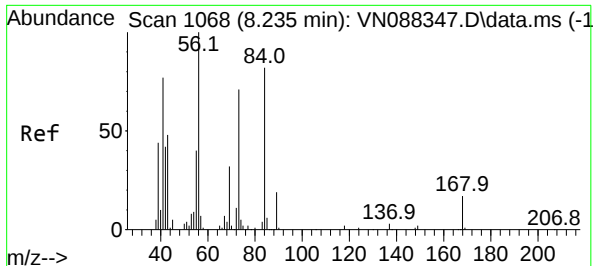
Tgt Ion: 42 Resp: 178261
Ion Ratio Lower Upper
42 100
72 40.3 32.2 48.4
71 39.8 31.1 46.7



#30
Chloroform
Concen: 21.583 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 83 Resp: 131389
Ion Ratio Lower Upper
83 100
85 63.0 49.8 74.8





#31

Cyclohexane

Concen: 17.224 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

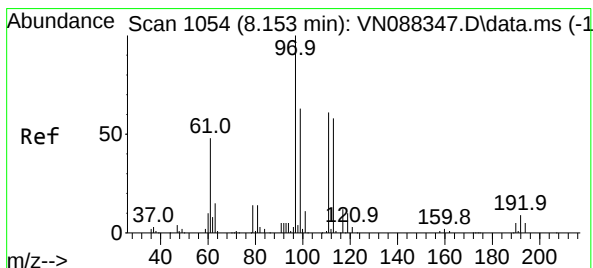
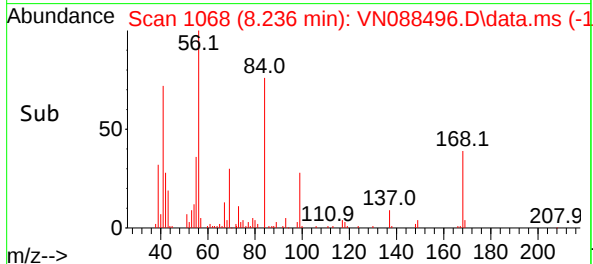
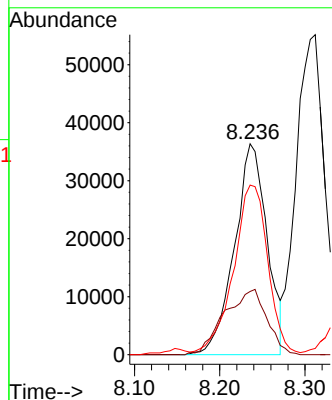
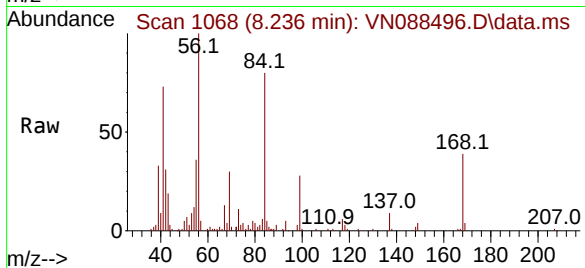
Tgt Ion: 56 Resp: 96701

Ion Ratio Lower Upper

56 100

69 30.0 25.3 37.9

84 77.9 65.4 98.2



#32

1,1,1-Trichloroethane

Concen: 20.273 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

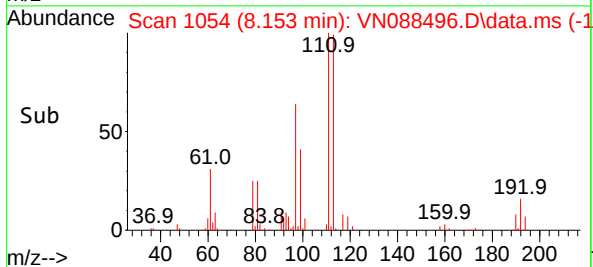
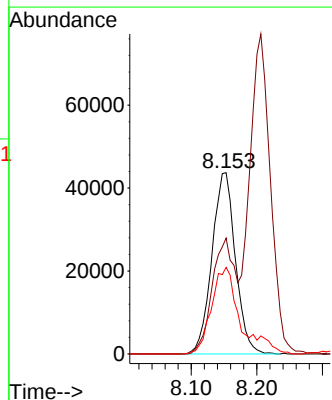
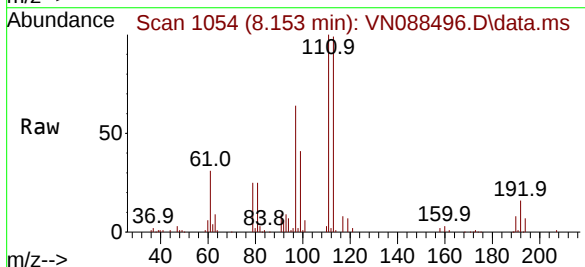
Tgt Ion: 97 Resp: 108515

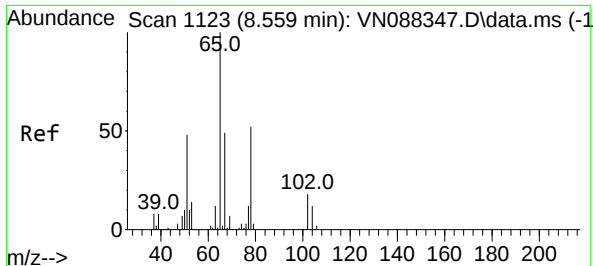
Ion Ratio Lower Upper

97 100

99 61.8 50.8 76.2

61 58.2 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 60.787 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

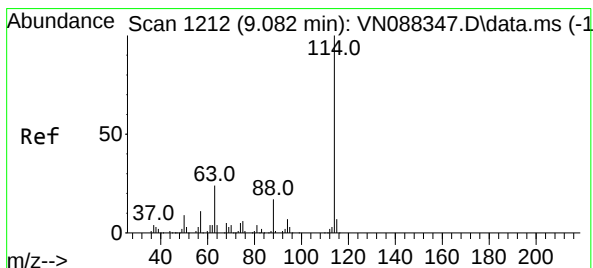
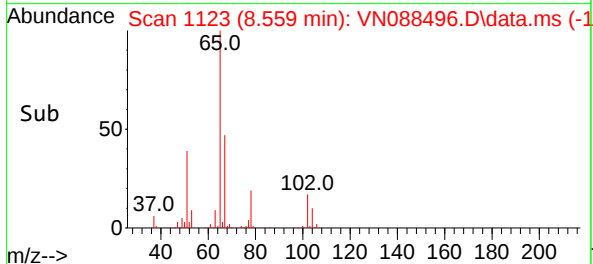
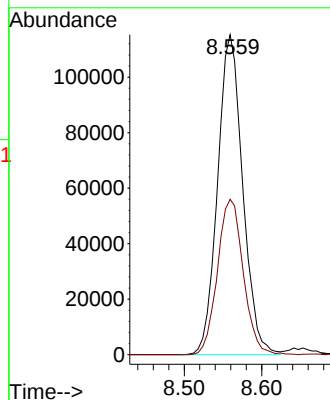
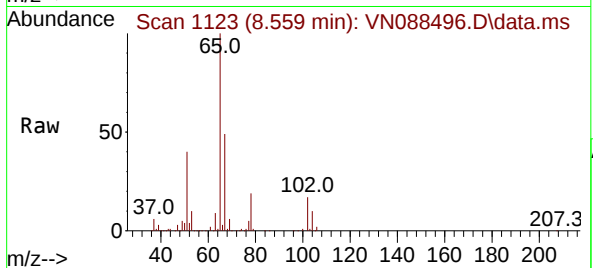
ClientSampleId :

Tgt Ion: 65 Resp: 259490

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

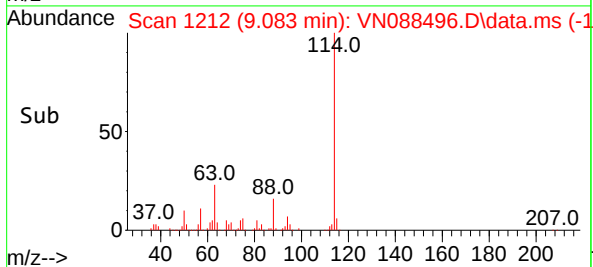
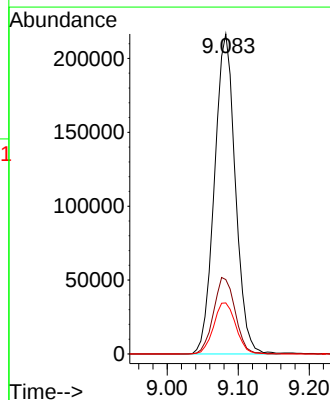
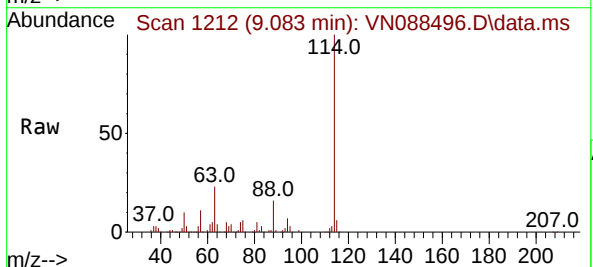
Tgt Ion: 114 Resp: 440776

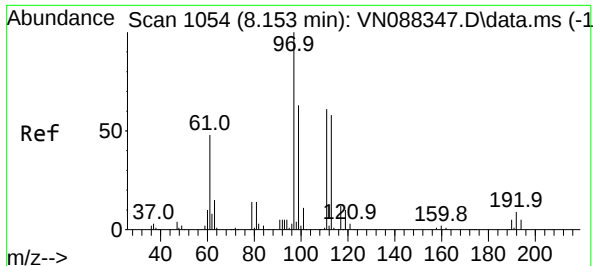
Ion Ratio Lower Upper

114 100

63 23.3 0.0 49.0

88 16.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 55.335 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

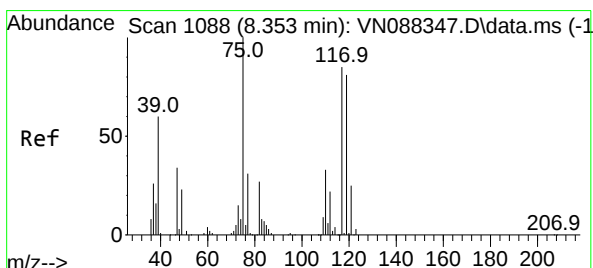
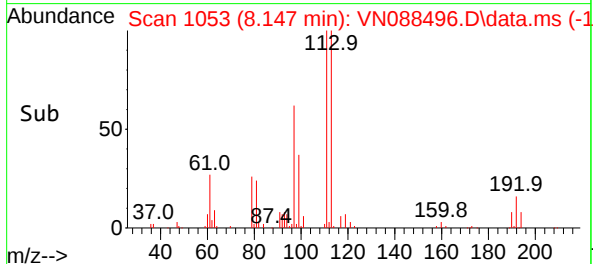
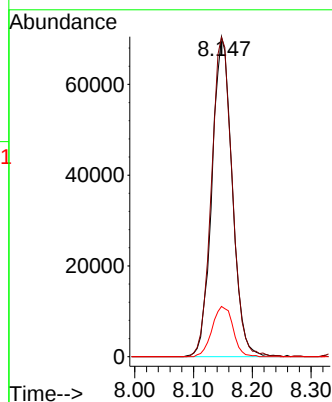
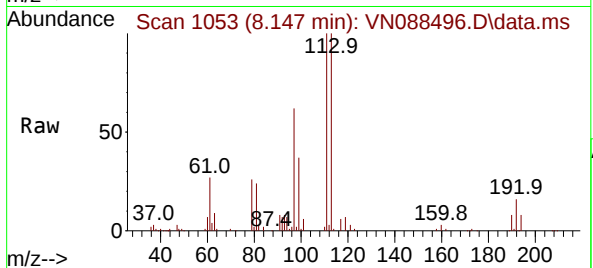
Tgt Ion:113 Resp: 169025

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 16.2 12.8 19.2



#36

1,1-Dichloropropene

Concen: 17.412 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

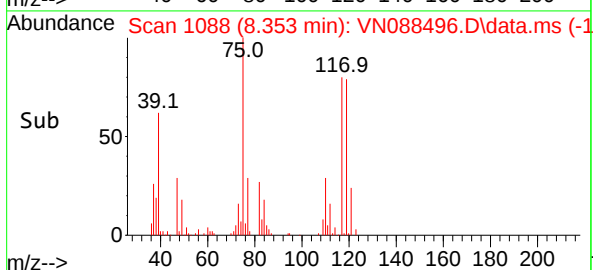
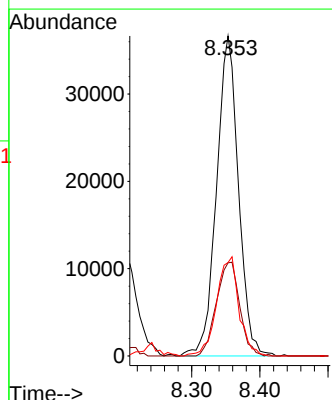
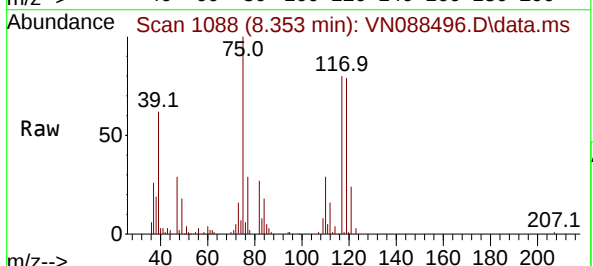
Tgt Ion: 75 Resp: 82081

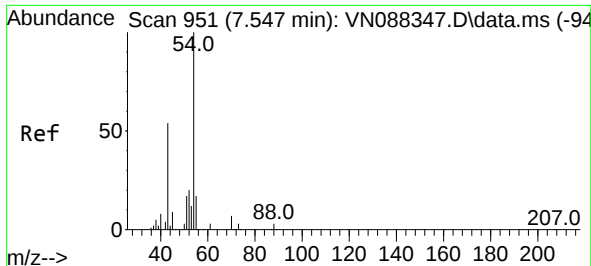
Ion Ratio Lower Upper

75 100

110 31.2 15.8 47.4

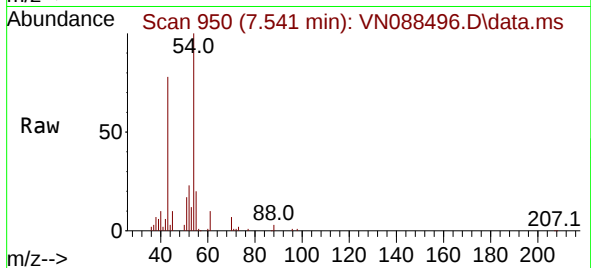
77 31.6 24.2 36.2



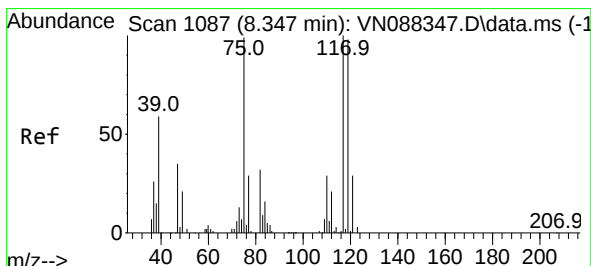
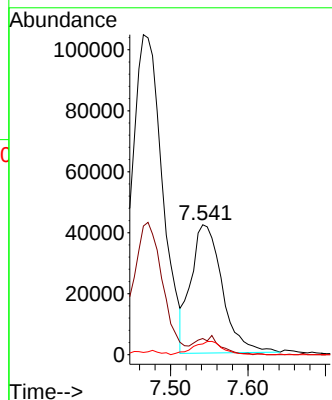
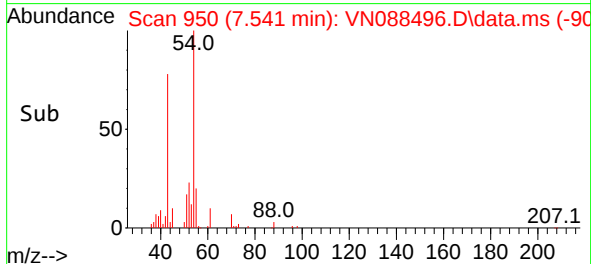


#37
Ethyl Acetate
Concen: 19.042 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :

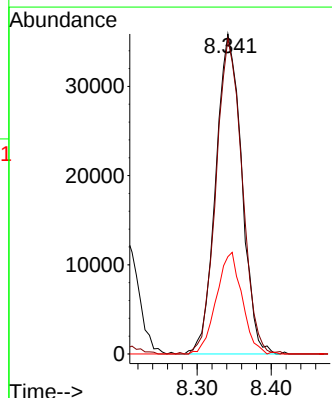
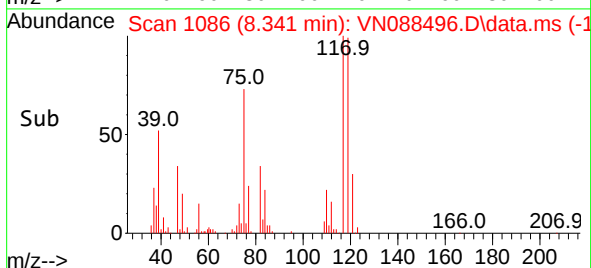
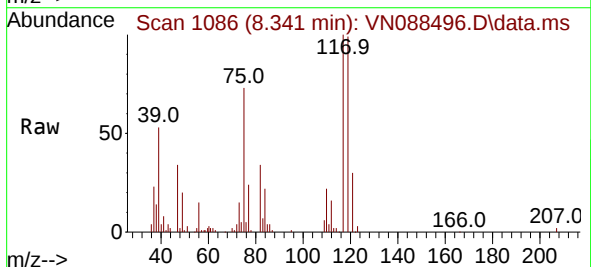


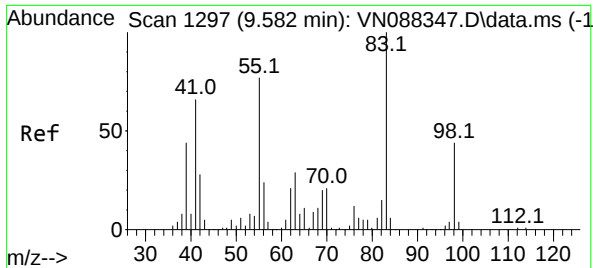
Tgt Ion: 43 Resp: 118034
Ion Ratio Lower Upper
43 100
61 11.1 9.5 14.3
70 9.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.606 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 117 Resp: 87318
Ion Ratio Lower Upper
117 100
119 98.0 78.2 117.4
121 30.4 23.4 35.2





#39

Methylcyclohexane

Concen: 14.903 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088496.D

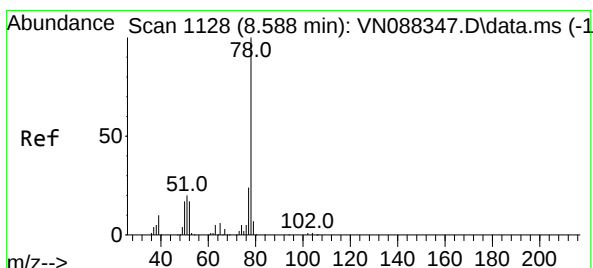
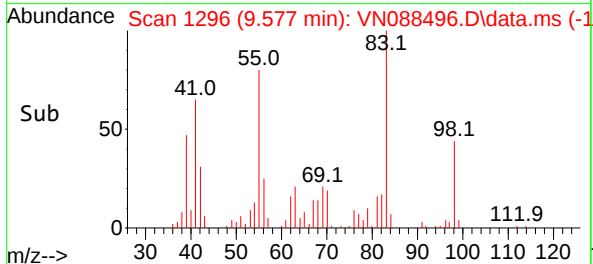
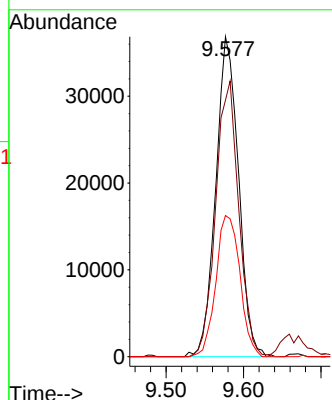
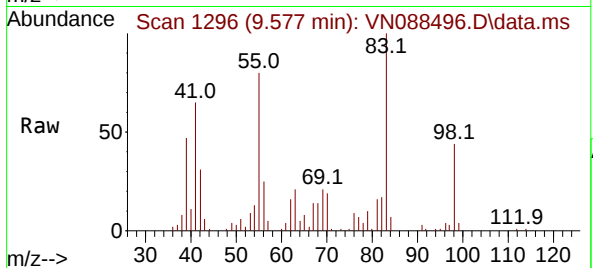
Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 75150
Ion Ratio	Lower Upper
83 100	
55 80.1	61.6 92.4
98 44.1	35.3 52.9



#40

Benzene

Concen: 19.022 ug/l

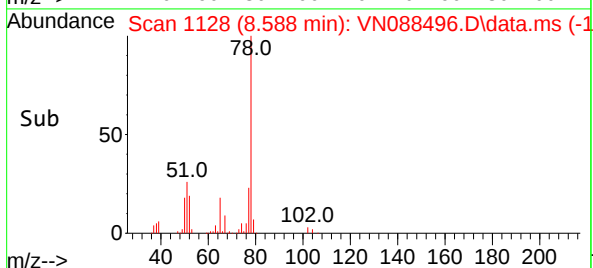
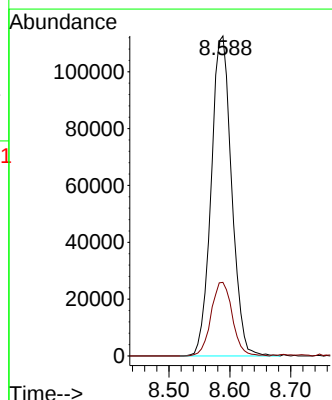
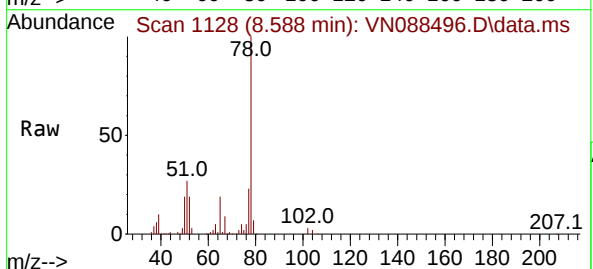
RT: 8.588 min Scan# 1128

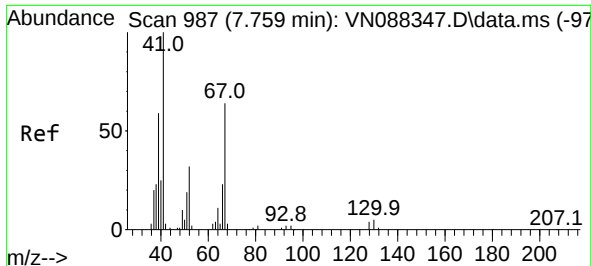
Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Tgt Ion: 78	Resp: 263185
Ion Ratio	Lower Upper
78 100	
77 23.0	19.0 28.4

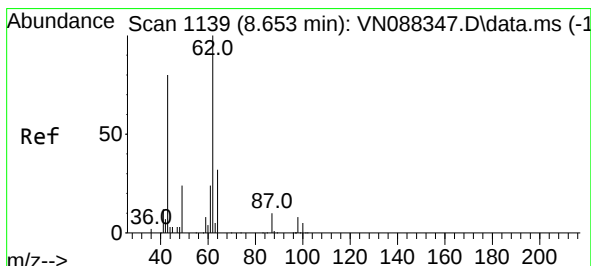
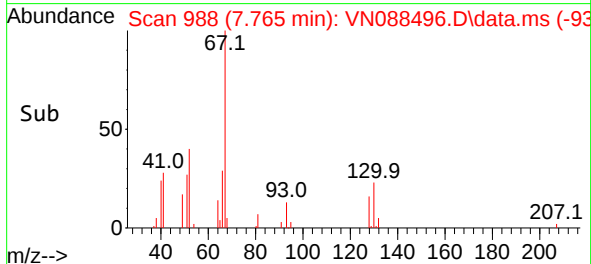
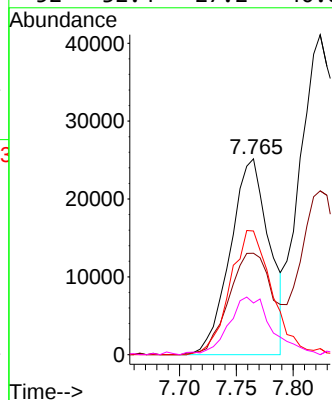
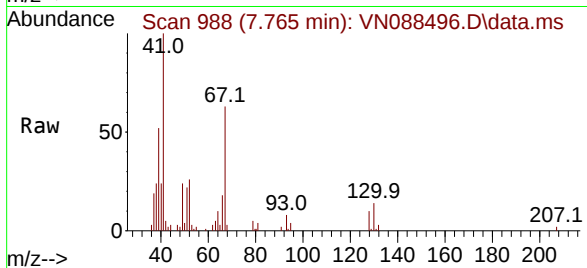




#41
Methacrylonitrile
Concen: 19.554 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

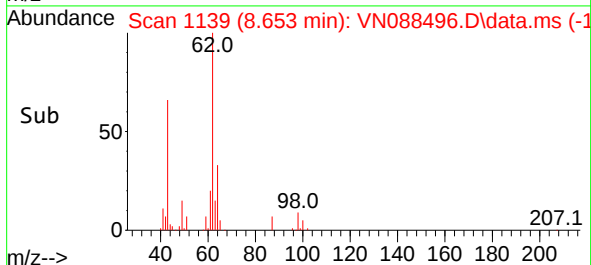
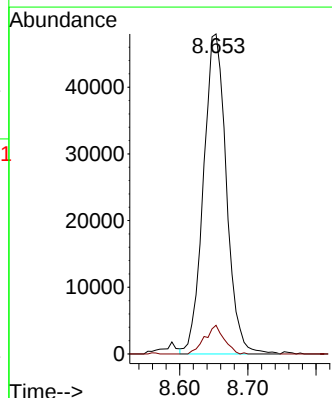
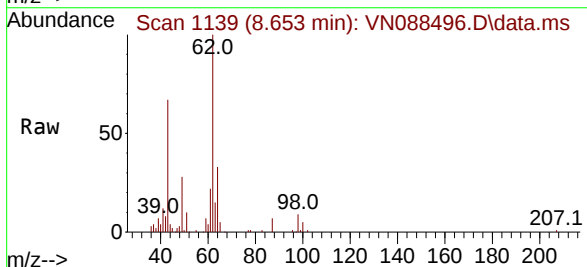
Instrument :
MSVOA_N
ClientSampleId :

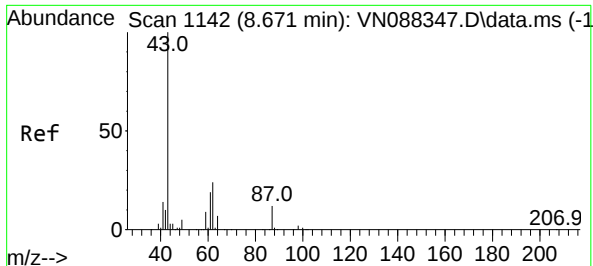
Tgt Ion:	41	Resp:	60031
Ion	Ratio	Lower	Upper
41	100		
39	61.1	46.3	69.5
67	68.3	54.7	82.1
52	32.4	27.2	40.8



#42
1,2-Dichloroethane
Concen: 21.271 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

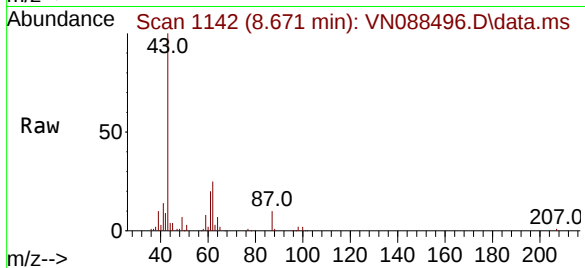
Tgt Ion:	62	Resp:	112287
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.2



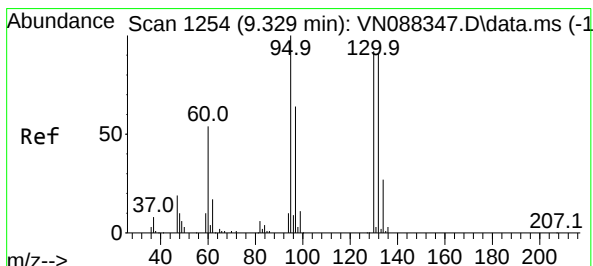
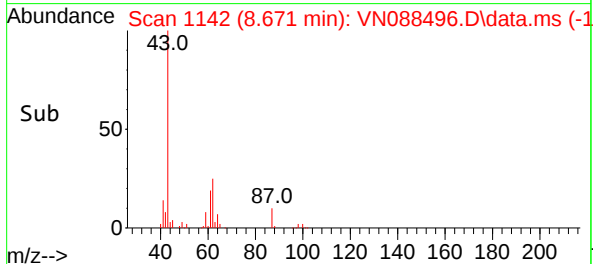
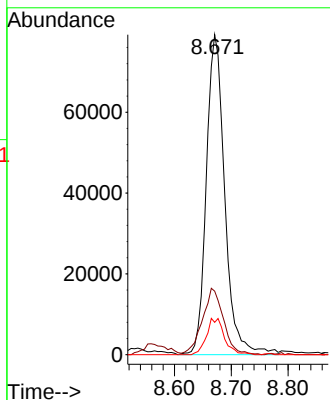


#43
Isopropyl Acetate
Concen: 18.823 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :

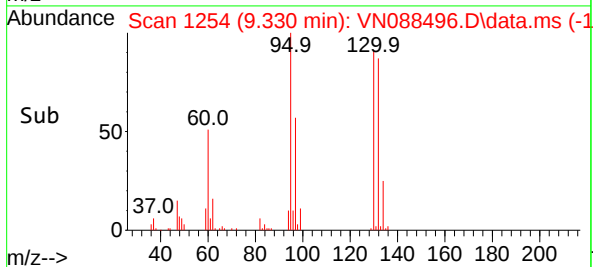
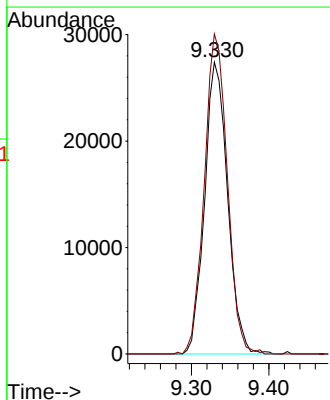
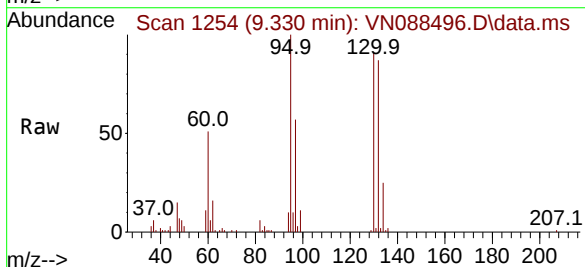


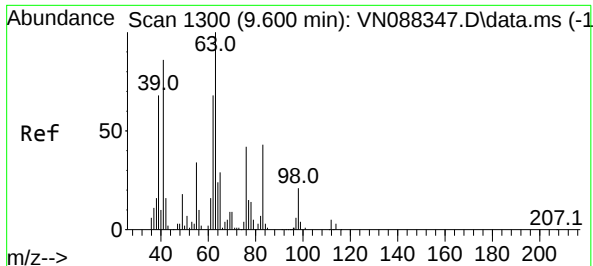
Tgt Ion: 43 Resp: 178268
Ion Ratio Lower Upper
43 100
61 23.7 18.7 28.1
87 11.1 9.1 13.7



#44
Trichloroethene
Concen: 17.306 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion:130 Resp: 56577
Ion Ratio Lower Upper
130 100
95 109.7 0.0 217.0





#45

1,2-Dichloropropane

Concen: 19.847 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

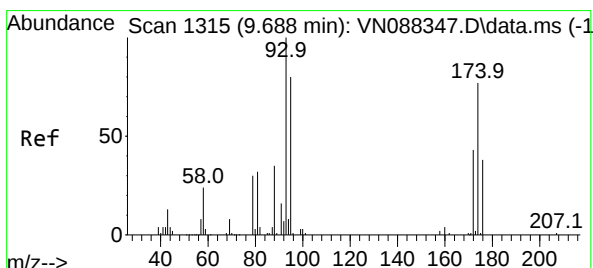
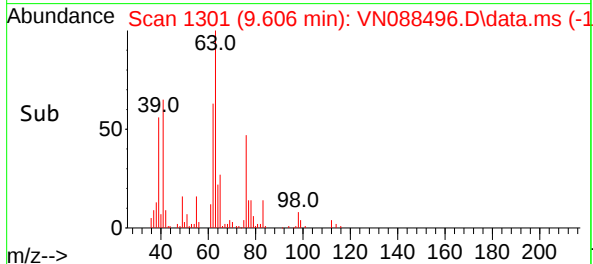
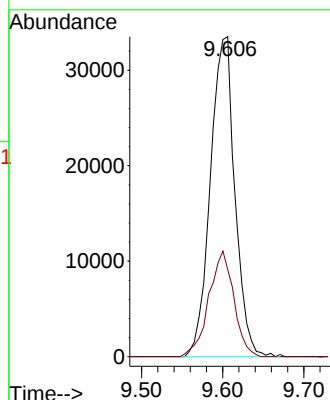
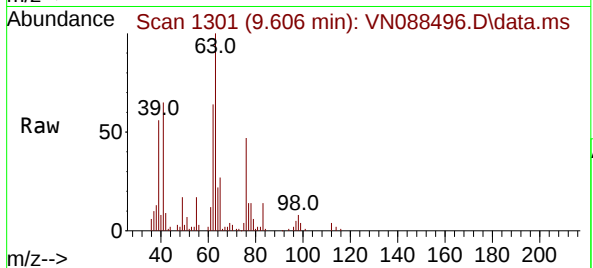
ClientSampleId :

Tgt Ion: 63 Resp: 70358

Ion Ratio Lower Upper

63 100

65 27.3 23.0 34.4



#46

Dibromomethane

Concen: 20.341 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

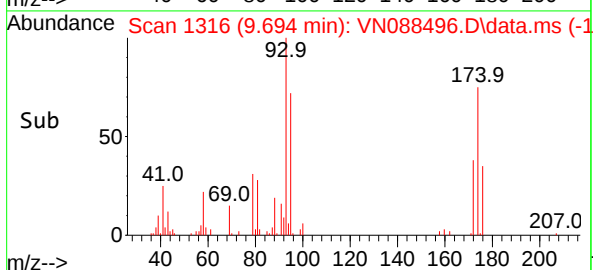
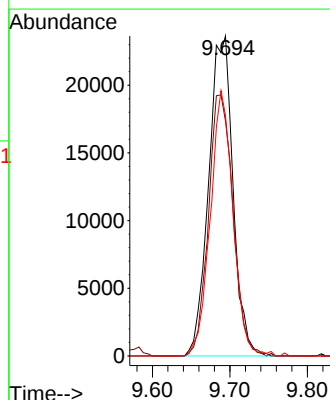
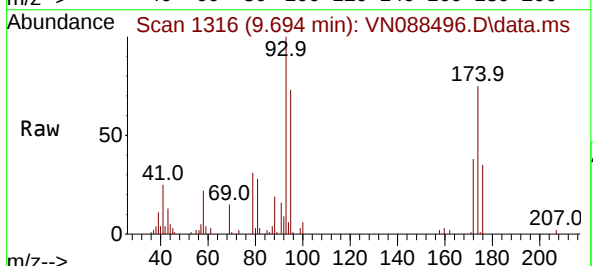
Tgt Ion: 93 Resp: 51460

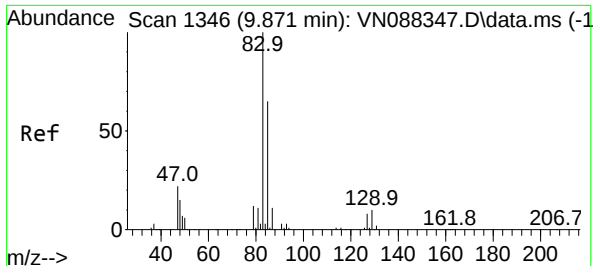
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.6

174 77.4 64.3 96.5





#47

Bromodichloromethane

Concen: 20.419 ug/l

RT: 9.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

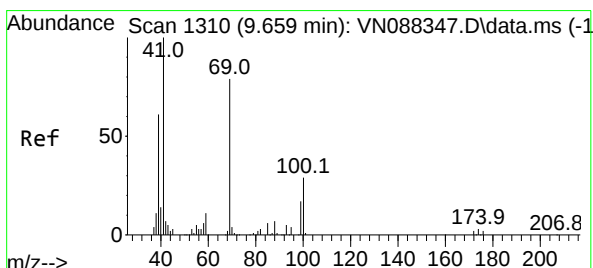
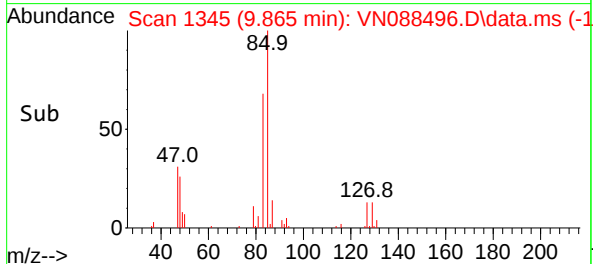
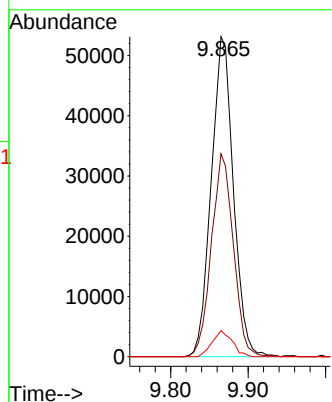
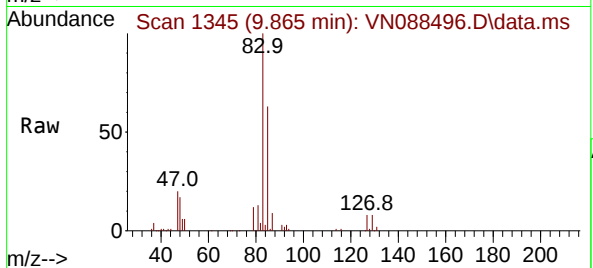
Tgt Ion: 83 Resp: 105403

Ion Ratio Lower Upper

83 100

85 63.4 51.9 77.9

127 8.2 6.3 9.5



#48

Methyl methacrylate

Concen: 18.704 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

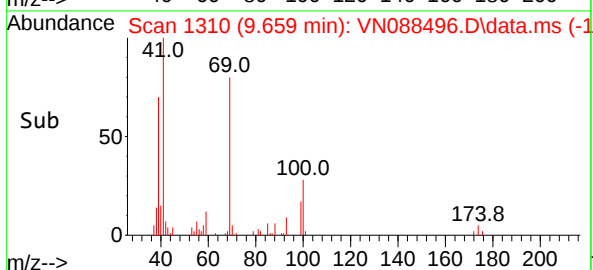
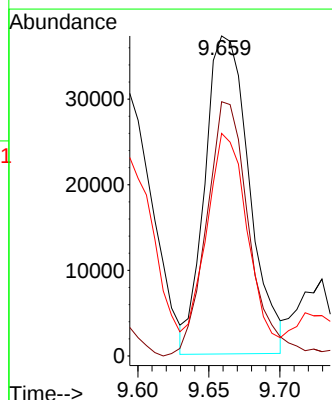
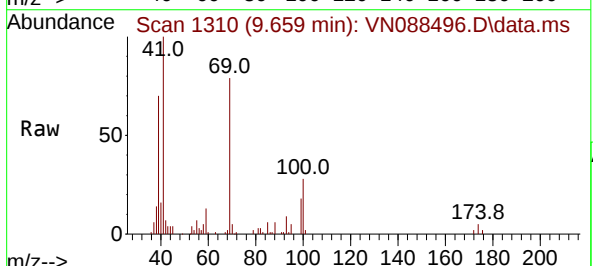
Tgt Ion: 41 Resp: 80824

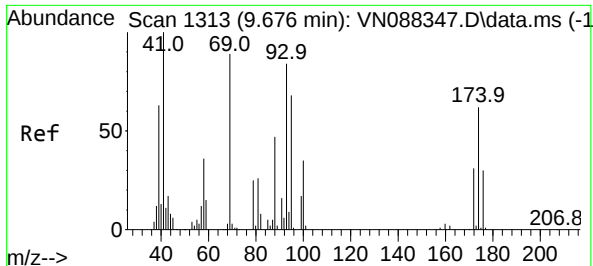
Ion Ratio Lower Upper

41 100

69 77.8 62.4 93.6

39 65.8 52.6 79.0





#49

1,4-Dioxane

Concen: 353.552 ug/l

RT: 9.677 min Scan# 1

Delta R.T. 0.000 min

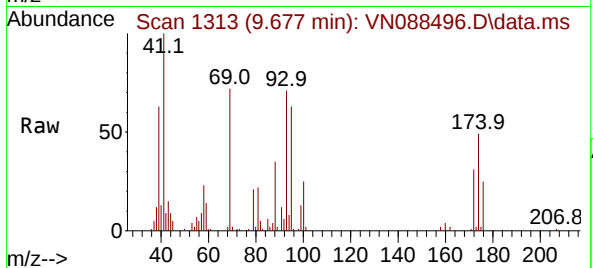
Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :



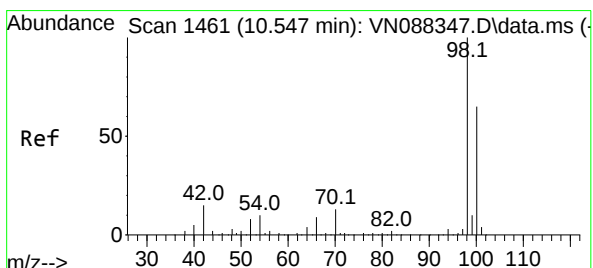
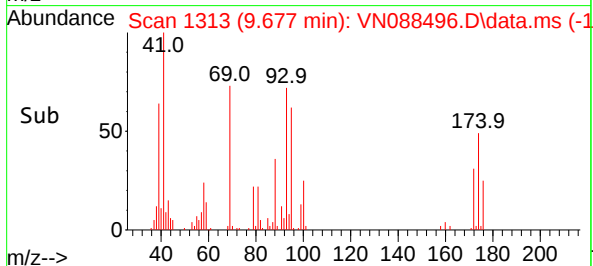
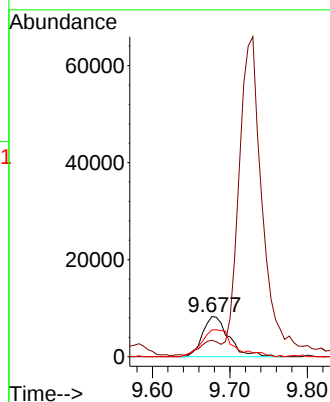
Tgt Ion: 88 Resp: 19429

Ion Ratio Lower Upper

88 100

43 31.4 0.0 0.0#

58 81.6 62.0 93.0



#50

Toluene-d8

Concen: 52.541 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088496.D

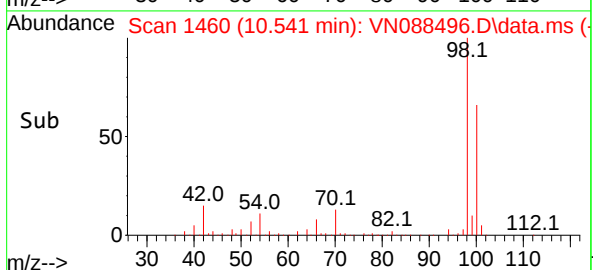
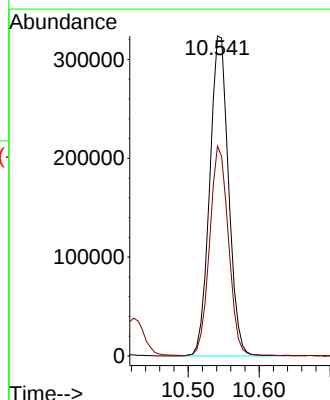
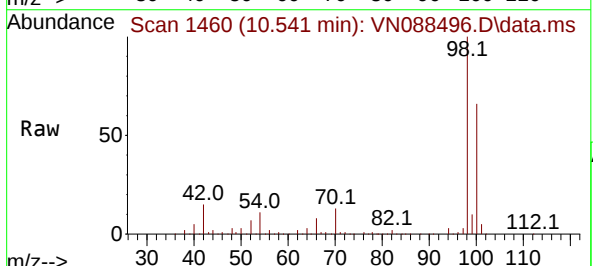
Acq: 10 Dec 2025 13:45

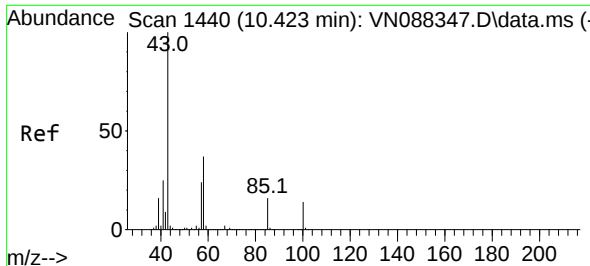
Tgt Ion: 98 Resp: 597142

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

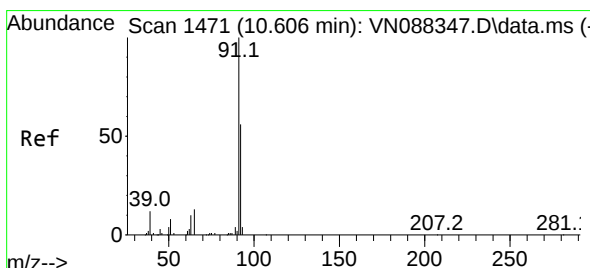
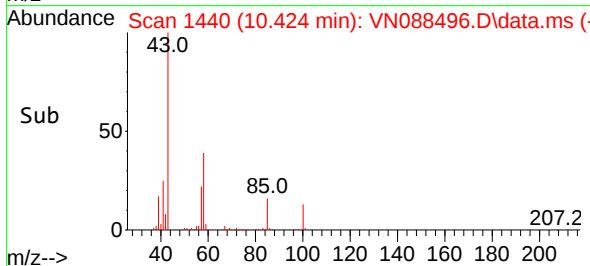
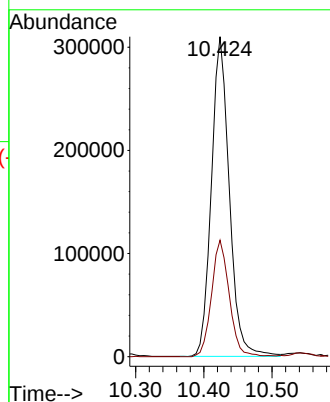
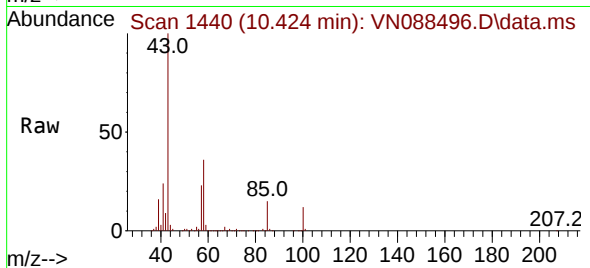




#51
4-Methyl-2-Pentanone
Concen: 101.725 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

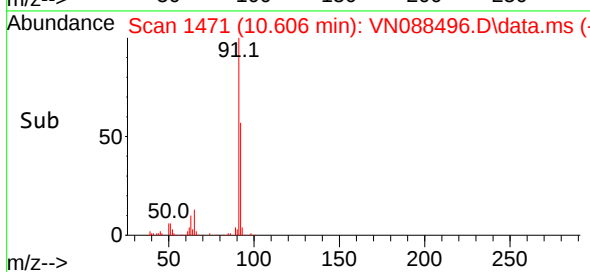
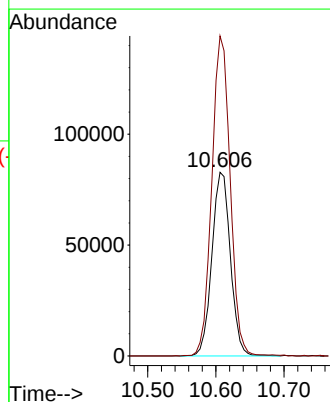
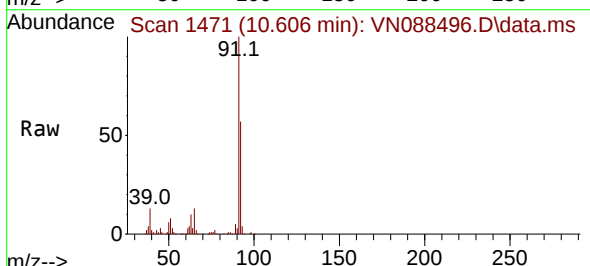
Instrument :
MSVOA_N
ClientSampleId :

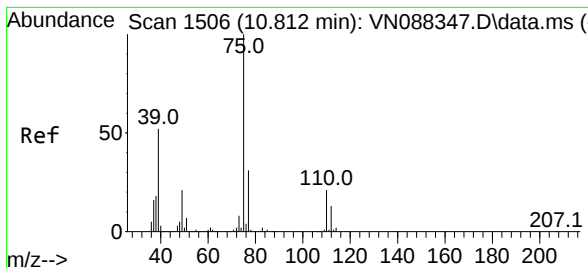
Tgt Ion: 43 Resp: 567860
Ion Ratio Lower Upper
43 100
58 36.1 29.1 43.7



#52
Toluene
Concen: 19.600 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 92 Resp: 156589
Ion Ratio Lower Upper
92 100
91 172.9 140.2 210.2

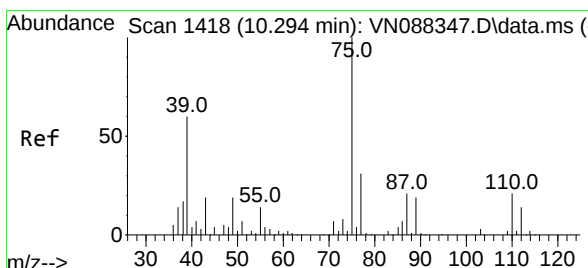
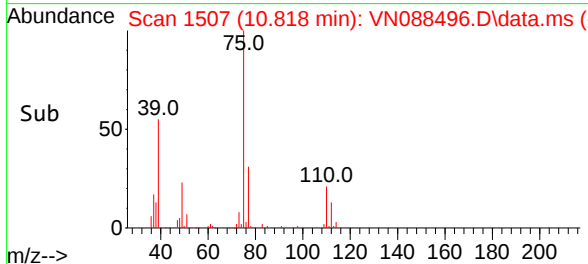
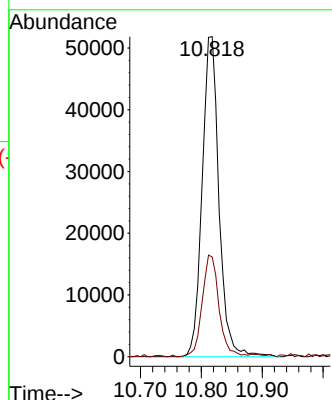
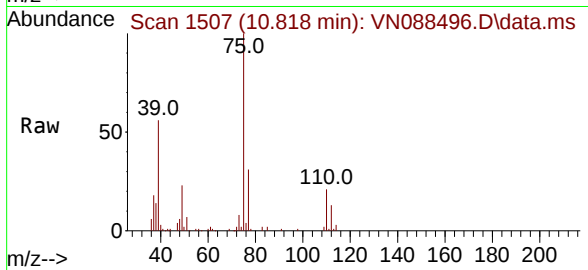




#53
 t-1,3-Dichloropropene
 Concen: 18.815 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN088496.D
 Acq: 10 Dec 2025 13:45

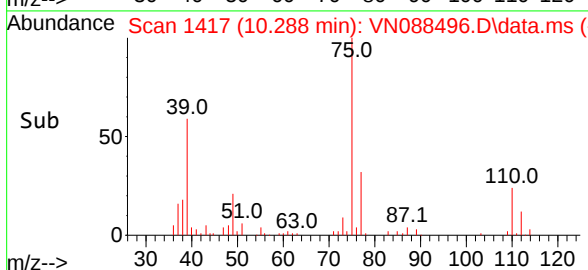
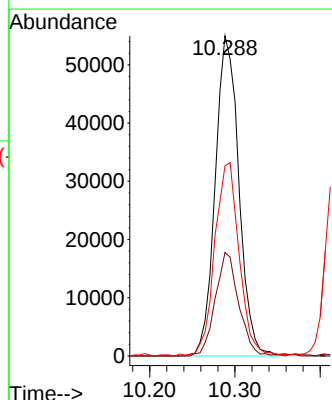
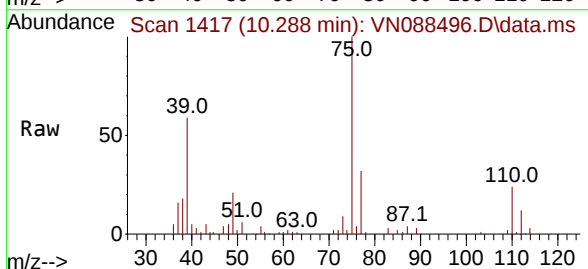
Instrument :
 MSVOA_N
 ClientSampleId :

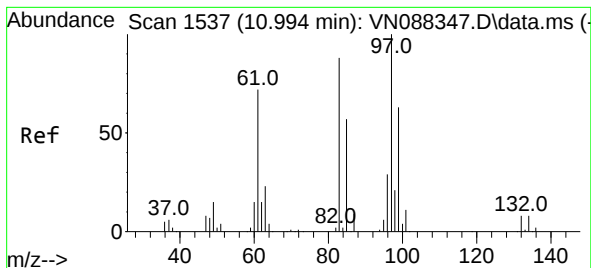
Tgt Ion: 75 Resp: 99689
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.995 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088496.D
 Acq: 10 Dec 2025 13:45

Tgt Ion: 75 Resp: 105841
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.5 36.7
 39 59.0 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 20.759 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 64166

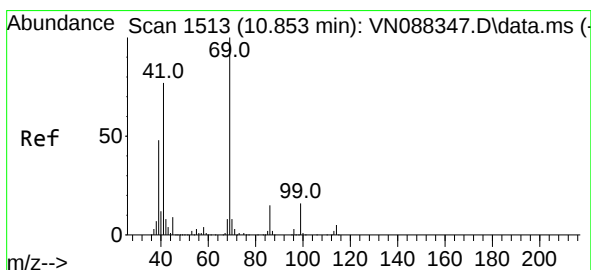
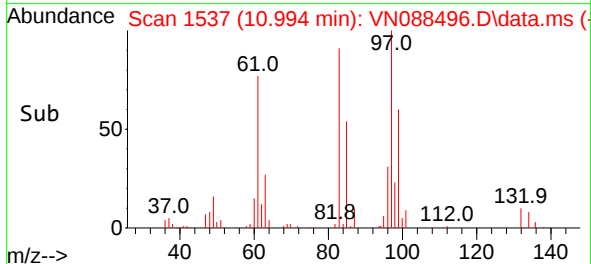
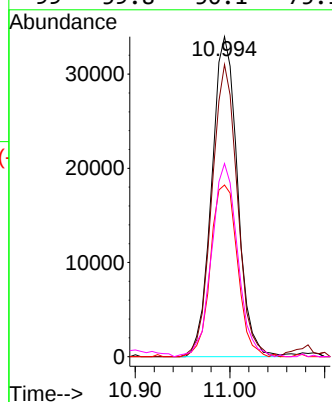
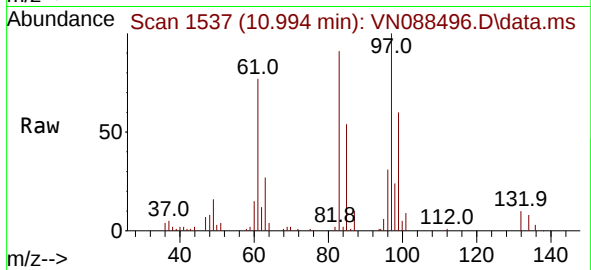
Ion Ratio Lower Upper

97 100

83 91.3 70.4 105.6

85 53.6 45.4 68.2

99 59.8 50.1 75.1



#56

Ethyl methacrylate

Concen: 18.661 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

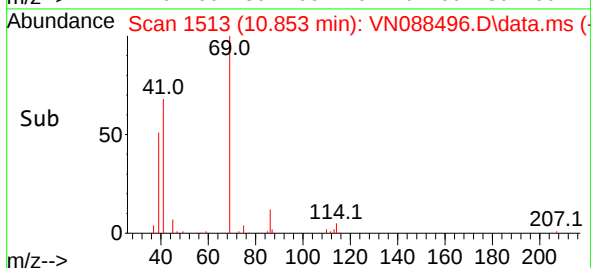
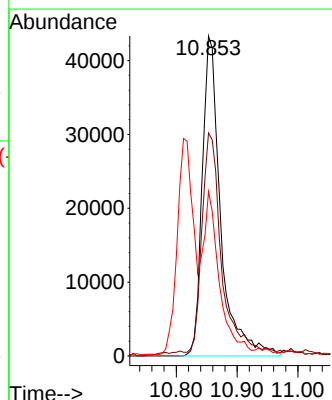
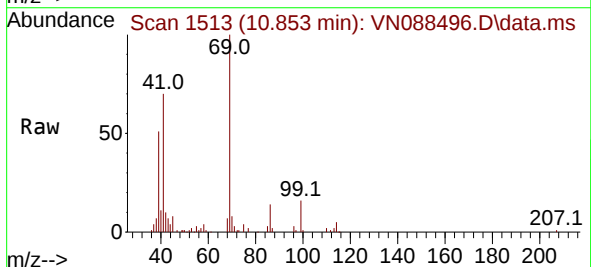
Tgt Ion: 69 Resp: 91116

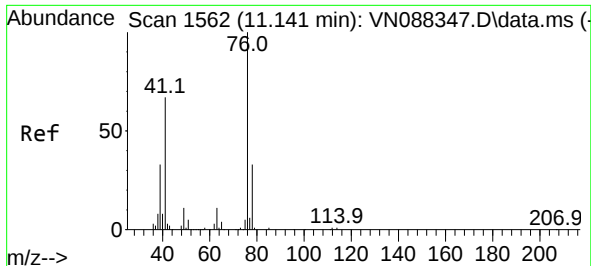
Ion Ratio Lower Upper

69 100

41 73.2 59.6 89.4

39 43.4 36.4 54.6





#57

1,3-Dichloropropane

Concen: 20.092 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

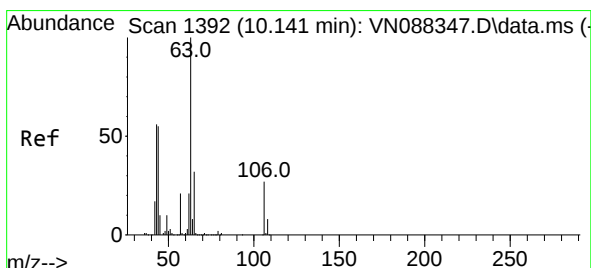
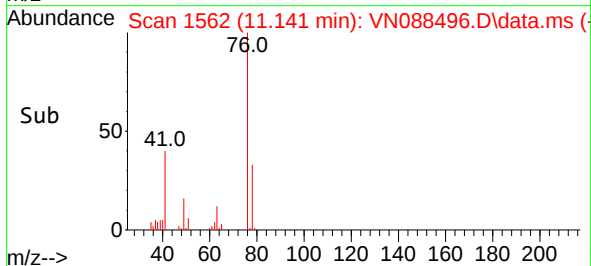
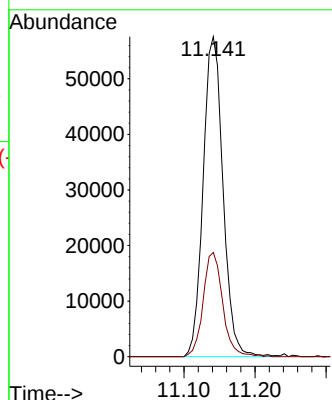
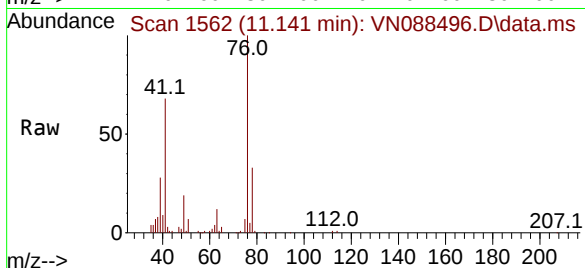
ClientSampleId :

Tgt Ion: 76 Resp: 112040

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 44.774 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088496.D

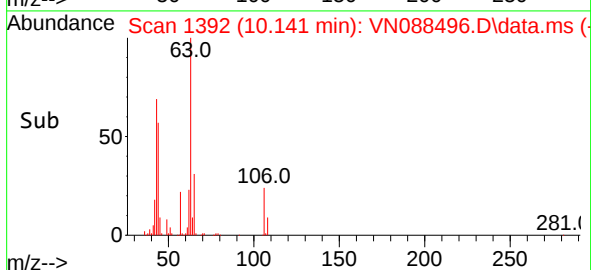
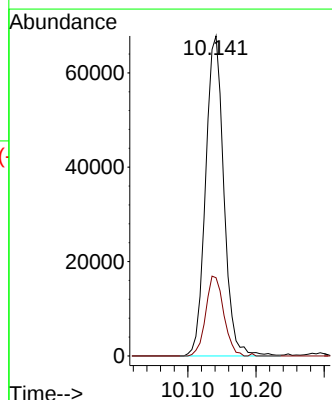
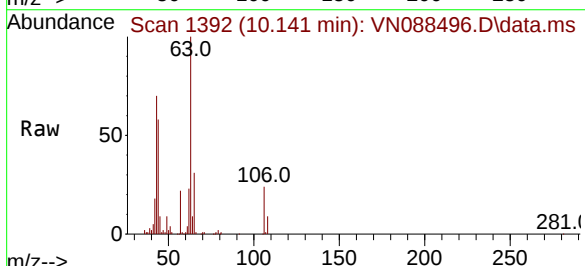
Acq: 10 Dec 2025 13:45

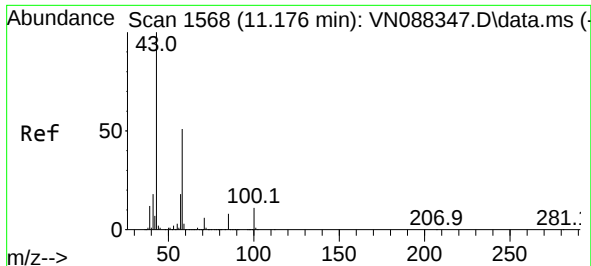
Tgt Ion: 63 Resp: 126034

Ion Ratio Lower Upper

63 100

106 24.7 20.5 30.7

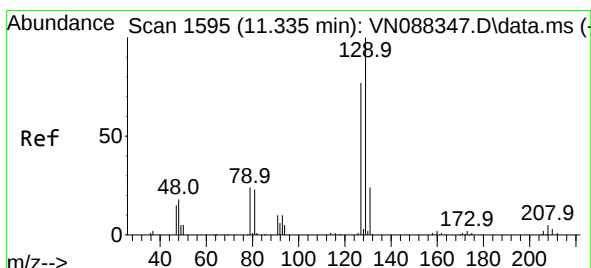
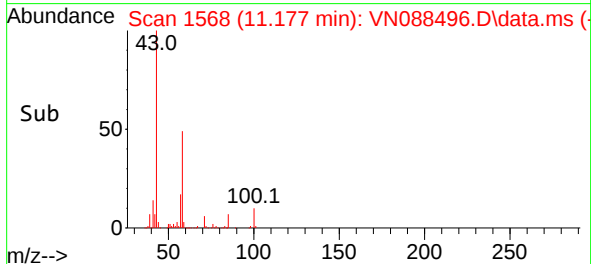
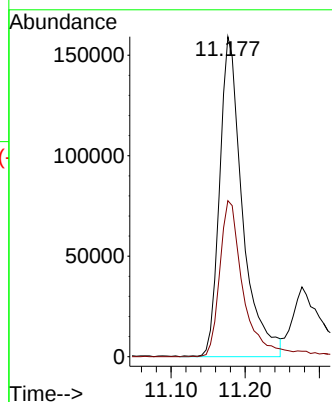
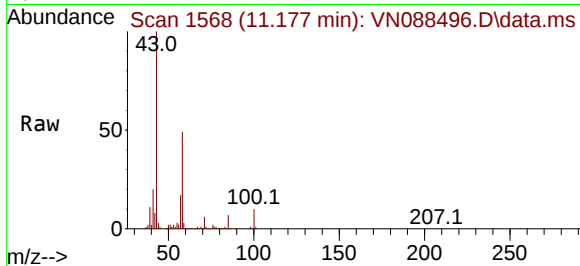




#59
2-Hexanone
Concen: 96.841 ug/l
RT: 11.177 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

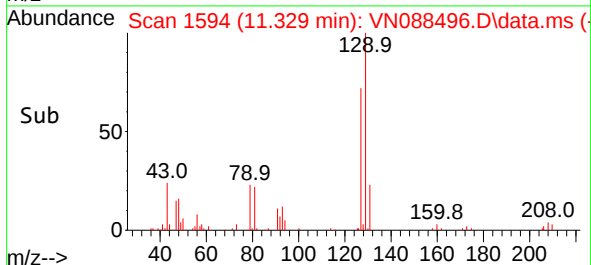
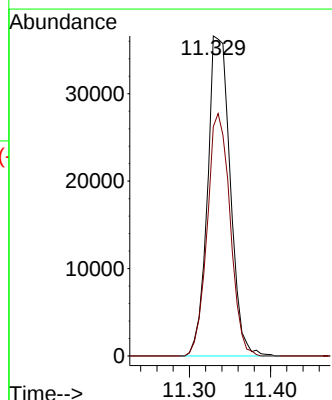
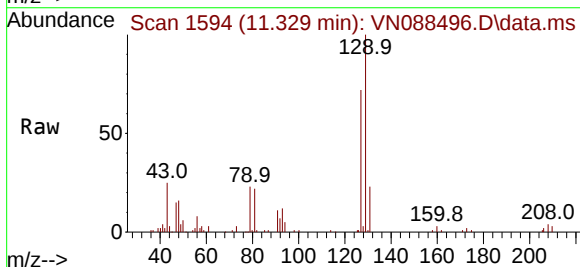
Instrument :
MSVOA_N
ClientSampleId :

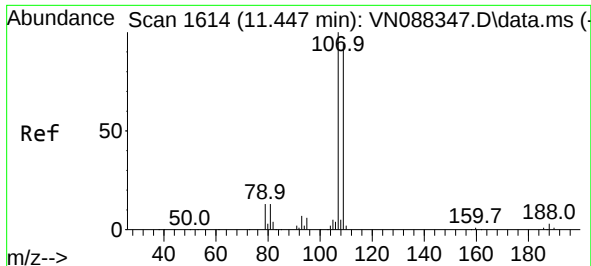
Tgt Ion: 43 Resp: 340552
Ion Ratio Lower Upper
43 100
58 49.8 25.3 75.9



#60
Dibromochloromethane
Concen: 20.181 ug/l
RT: 11.329 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion:129 Resp: 71113
Ion Ratio Lower Upper
129 100
127 76.2 38.2 114.6

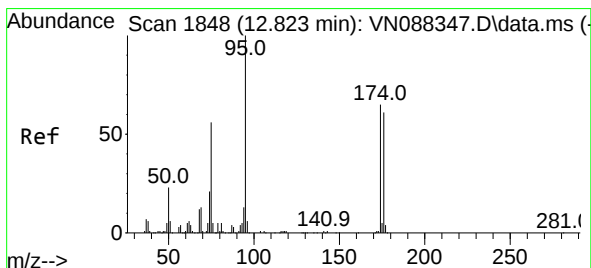
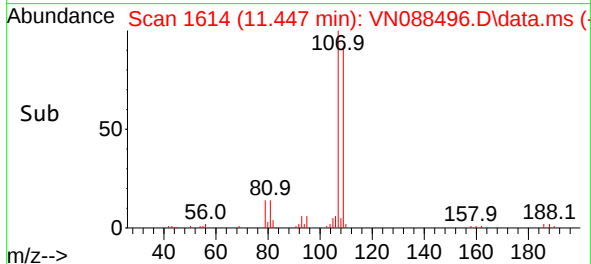
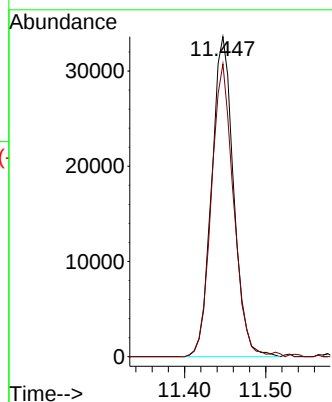
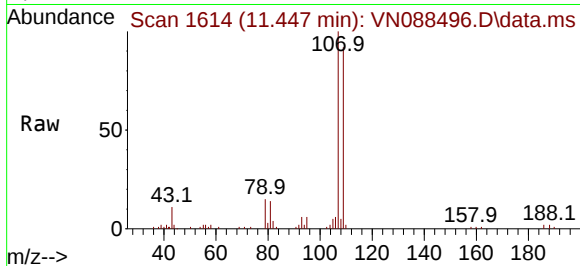




#61
1,2-Dibromoethane
Concen: 20.183 ug/l
RT: 11.447 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

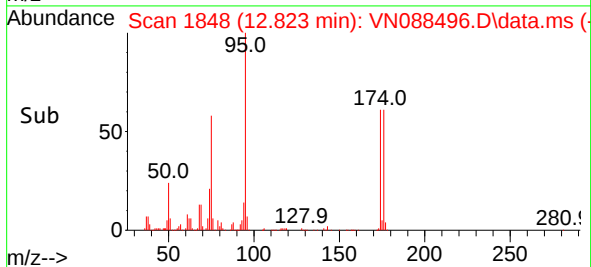
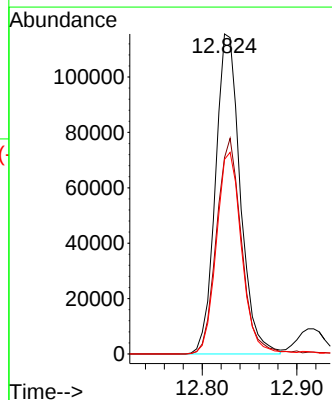
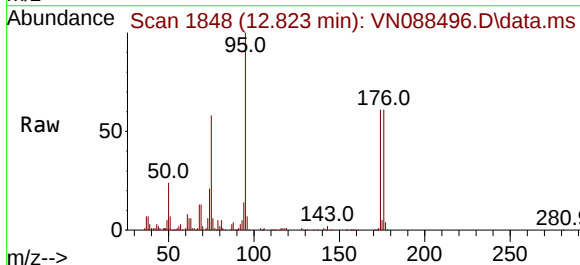
Instrument :
MSVOA_N
ClientSampleId :

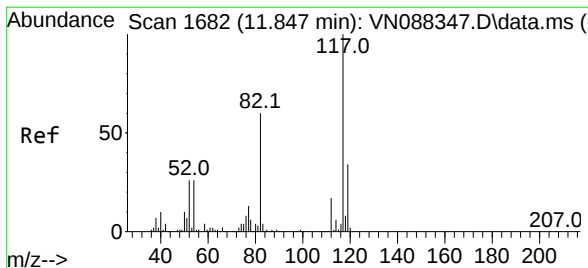
Tgt Ion:107 Resp: 63175
Ion Ratio Lower Upper
107 100
109 92.2 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 54.085 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 95 Resp: 210912
Ion Ratio Lower Upper
95 100
174 67.8 0.0 139.0
176 64.0 0.0 132.4

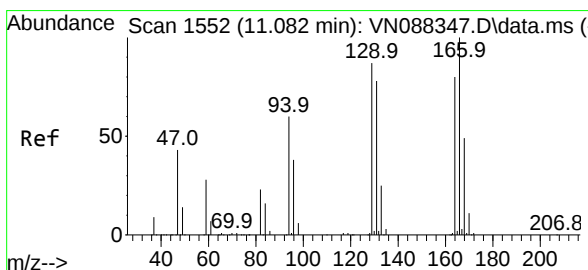
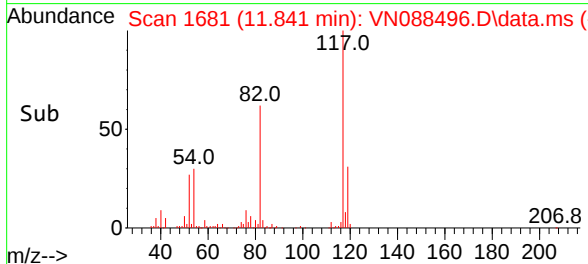
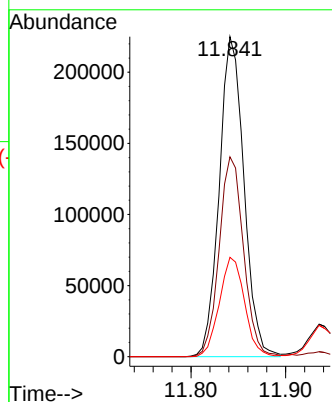
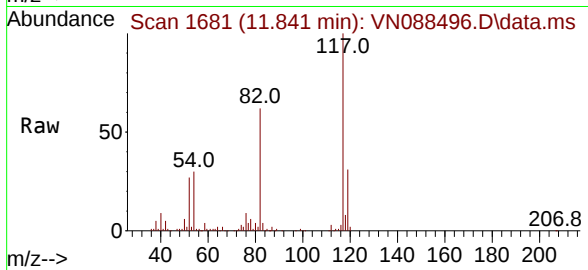




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

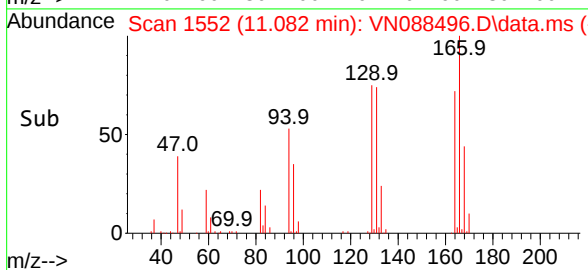
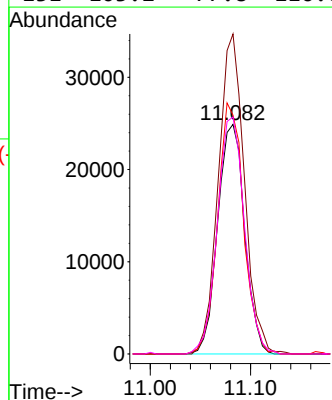
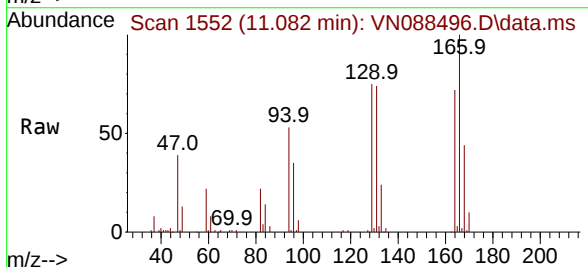
Instrument :
MSVOA_N
ClientSampleId :

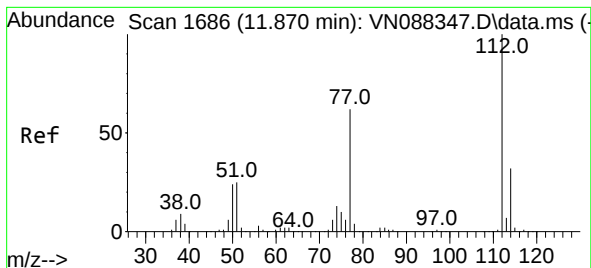
Tgt Ion:117 Resp: 408174
Ion Ratio Lower Upper
117 100
82 62.5 47.8 71.8
119 31.1 26.9 40.3



#64
Tetrachloroethene
Concen: 14.298 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion:164 Resp: 46267
Ion Ratio Lower Upper
164 100
166 139.4 99.6 149.4
129 104.0 86.6 129.8
131 103.2 77.8 116.6





#65

Chlorobenzene

Concen: 18.085 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

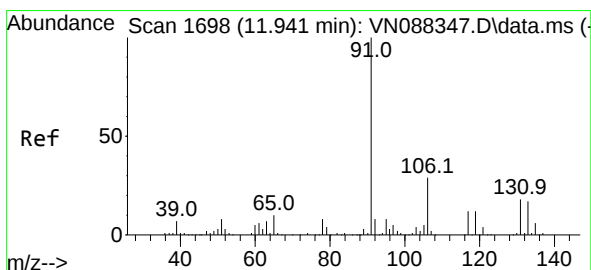
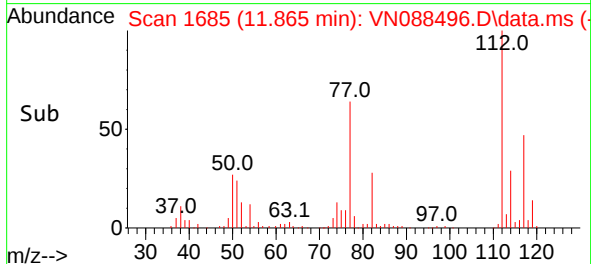
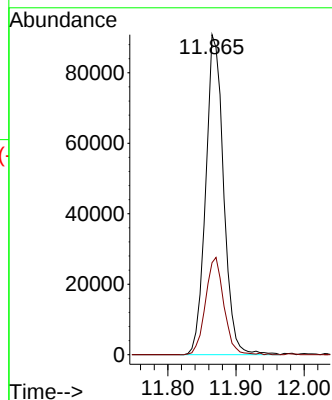
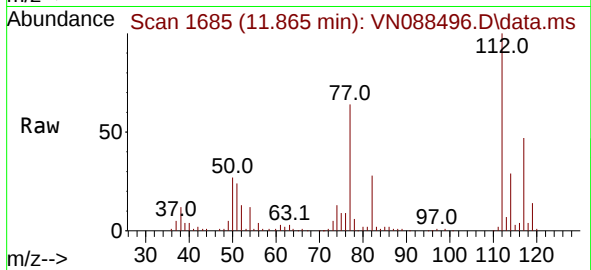
ClientSampleId :

Tgt Ion:112 Resp: 165806

Ion Ratio Lower Upper

112 100

114 28.7 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.122 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

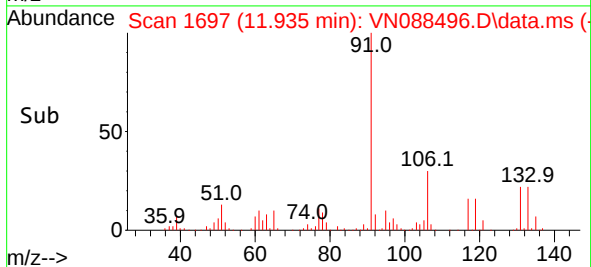
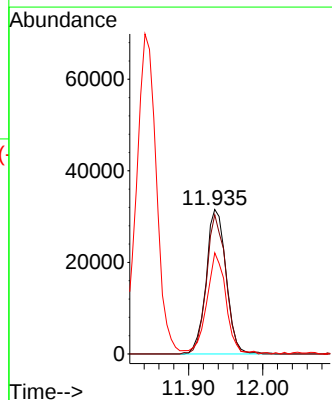
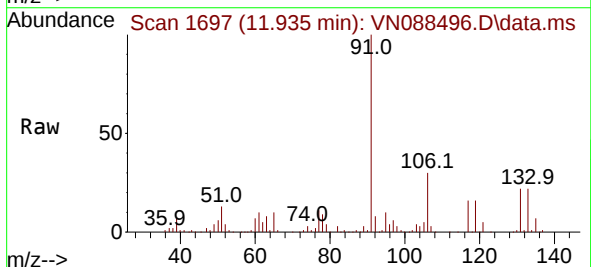
Tgt Ion:131 Resp: 59129

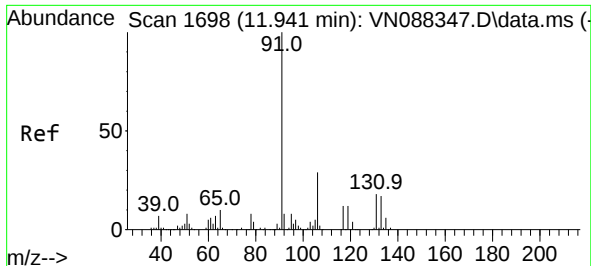
Ion Ratio Lower Upper

131 100

133 93.7 47.4 142.2

119 65.0 33.4 100.1





#67

Ethyl Benzene

Concen: 17.227 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

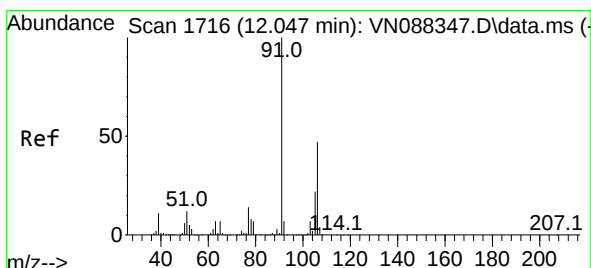
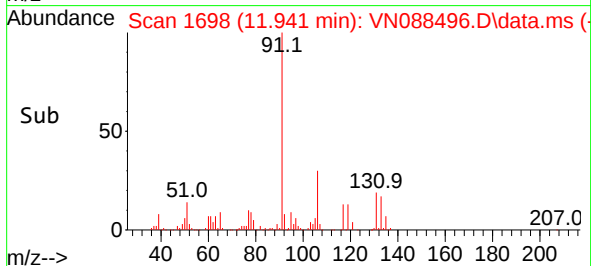
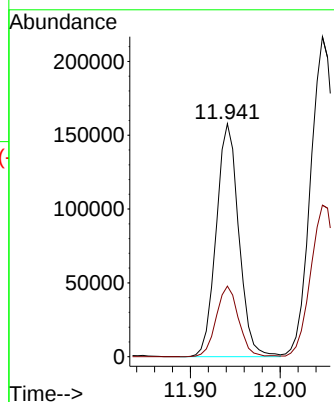
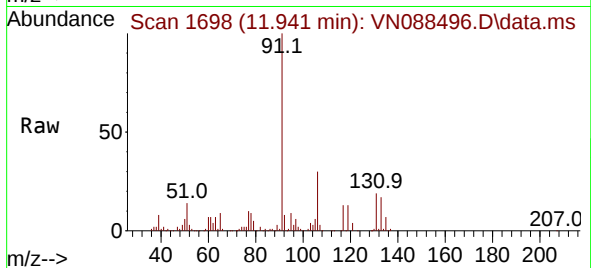
ClientSampleId :

Tgt Ion: 91 Resp: 276056

Ion Ratio Lower Upper

91 100

106 30.3 23.6 35.4



#68

m/p-Xylenes

Concen: 34.620 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN088496.D

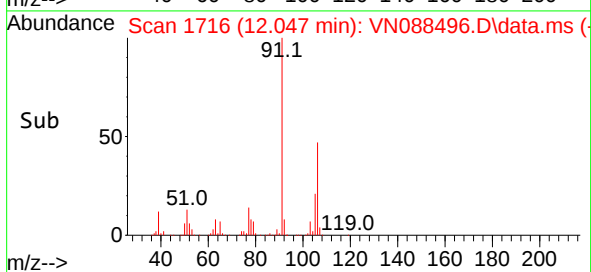
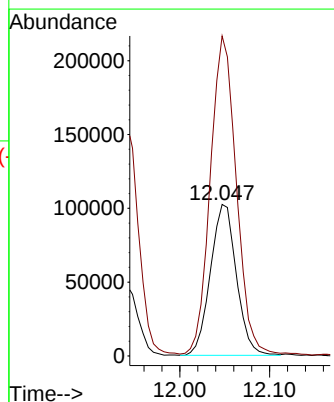
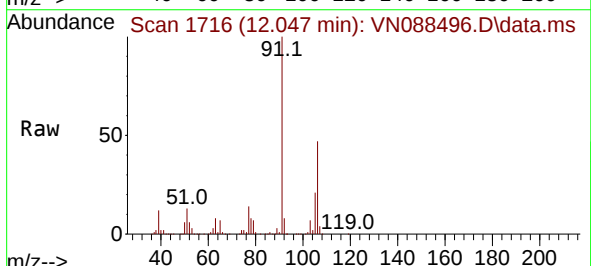
Acq: 10 Dec 2025 13:45

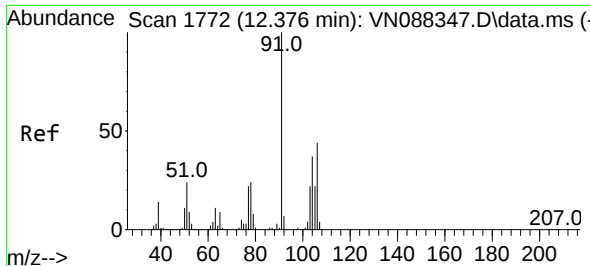
Tgt Ion:106 Resp: 205689

Ion Ratio Lower Upper

106 100

91 213.1 167.8 251.6

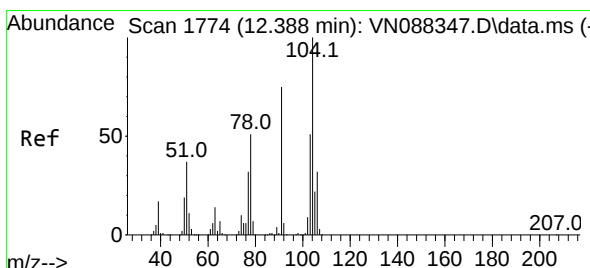
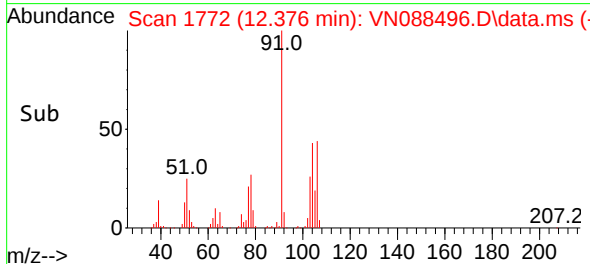
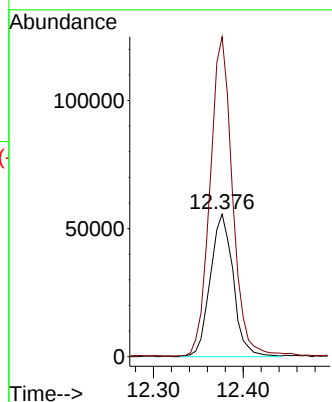
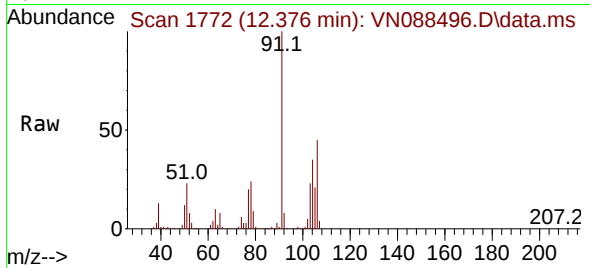




#69
o-Xylene
Concen: 17.428 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

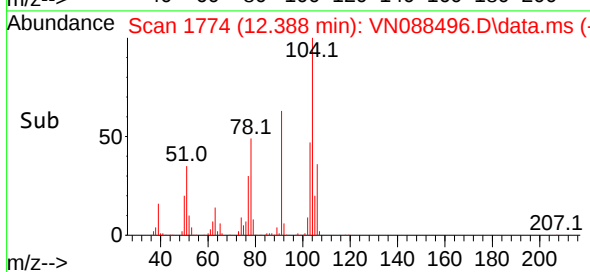
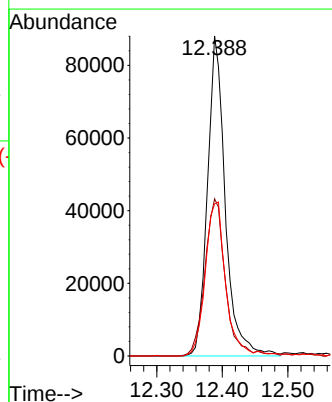
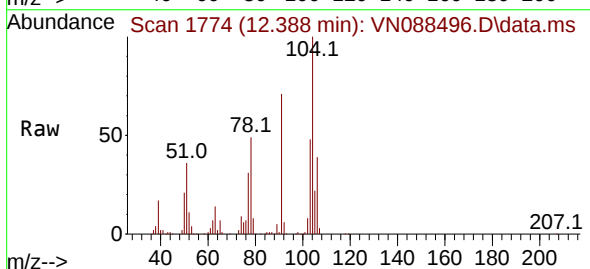
Instrument :
MSVOA_N
ClientSampleId :

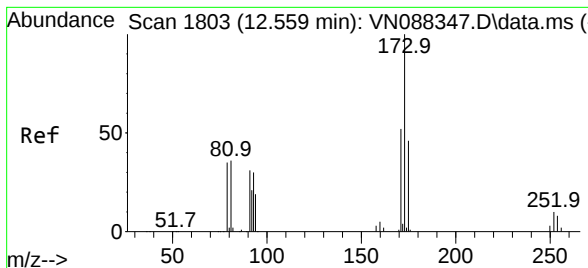
Tgt Ion:106 Resp: 98717
Ion Ratio Lower Upper
106 100
91 219.4 112.9 338.7



#70
Styrene
Concen: 18.102 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion:104 Resp: 166487
Ion Ratio Lower Upper
104 100
78 56.6 44.3 66.5
103 55.8 44.2 66.4





#71

Bromoform

Concen: 18.937 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

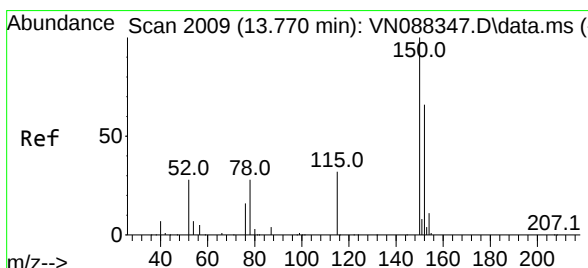
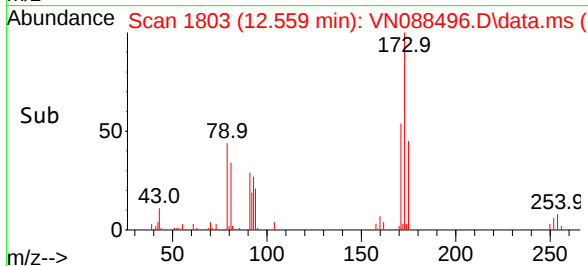
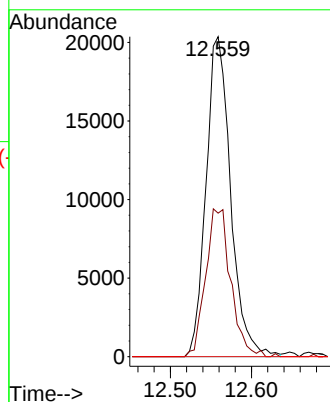
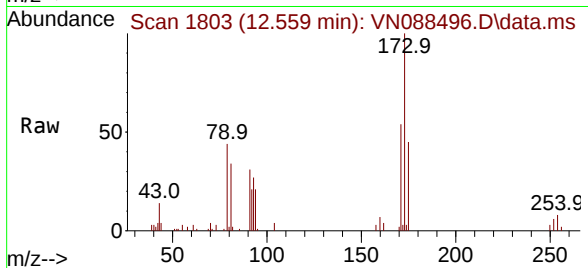
Tgt Ion:173 Resp: 42890

Ion Ratio Lower Upper

173 100

175 47.0 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

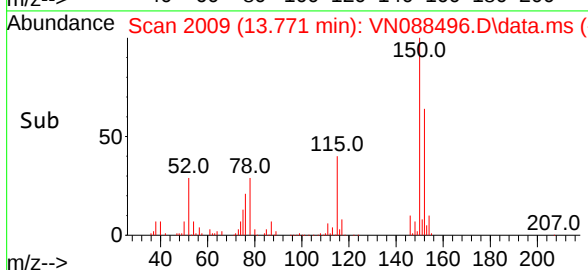
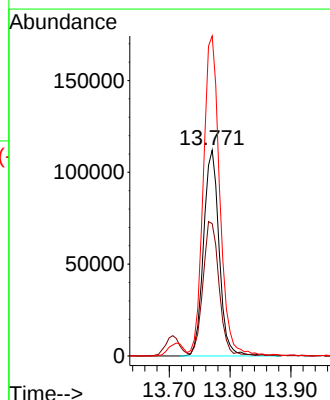
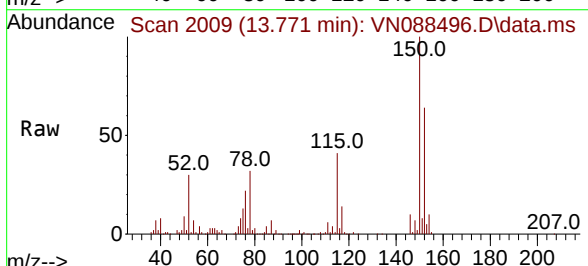
Tgt Ion:152 Resp: 199717

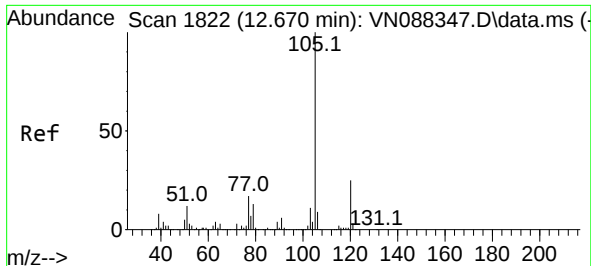
Ion Ratio Lower Upper

152 100

115 66.6 33.0 98.9

150 162.9 0.0 349.0

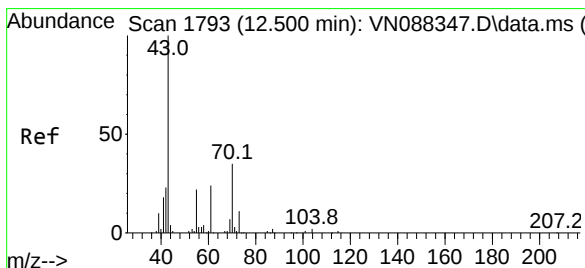
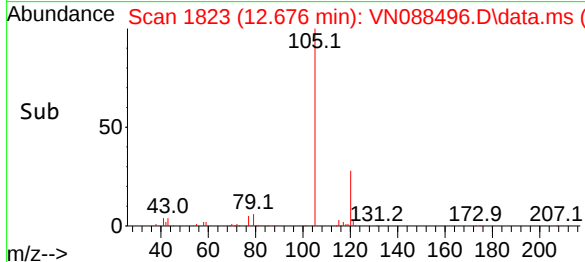
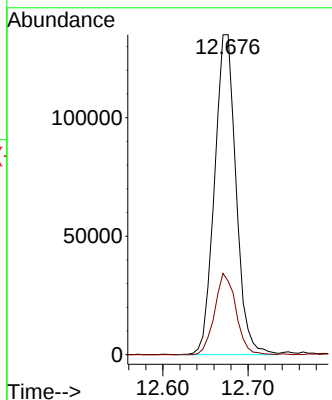
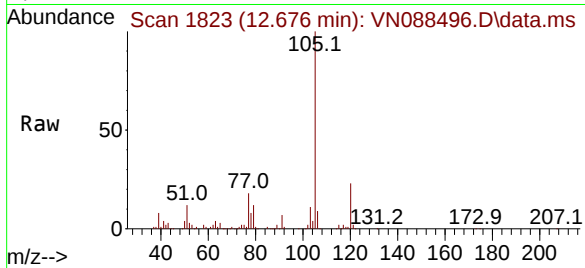




#73
Isopropylbenzene
Concen: 16.067 ug/l
RT: 12.676 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

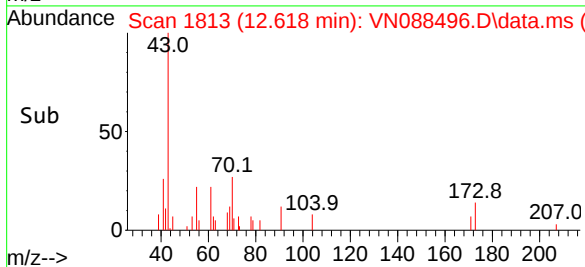
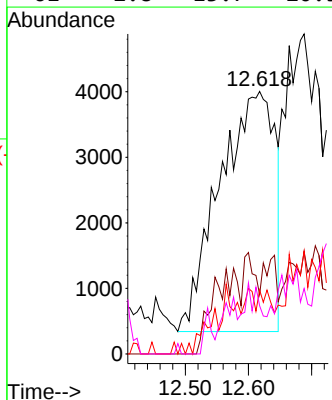
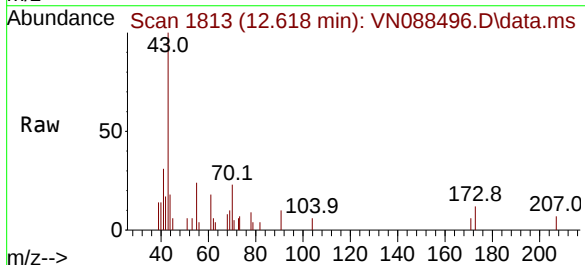
Instrument :
MSVOA_N
ClientSampleId :

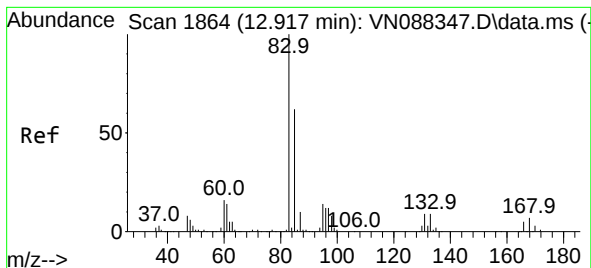
Tgt Ion:105 Resp: 237264
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.3



#74
N-ethyl acetate
Concen: 4.391 ug/l
RT: 12.618 min Scan# 1813
Delta R.T. 0.118 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 43 Resp: 22084
Ion Ratio Lower Upper
43 100
70 5.1 28.3 42.5#
55 1.5 17.7 26.5#
61 2.8 13.7 20.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.397 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

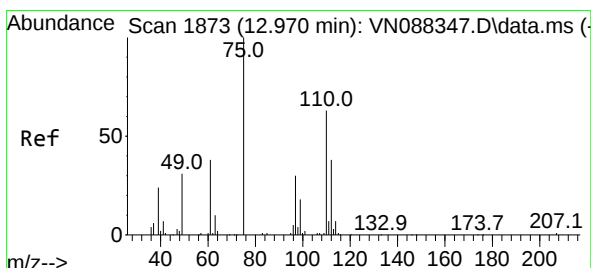
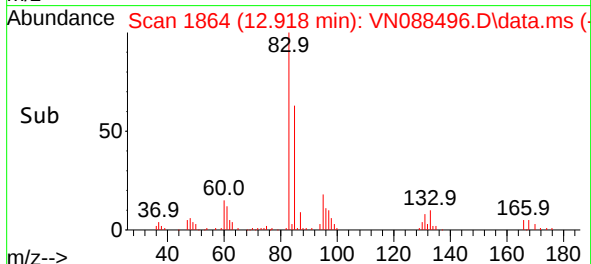
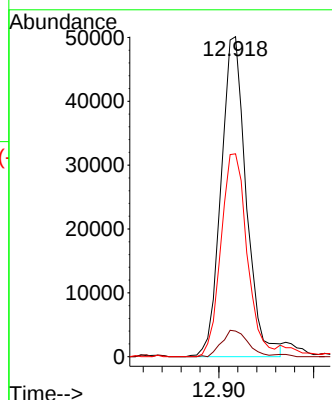
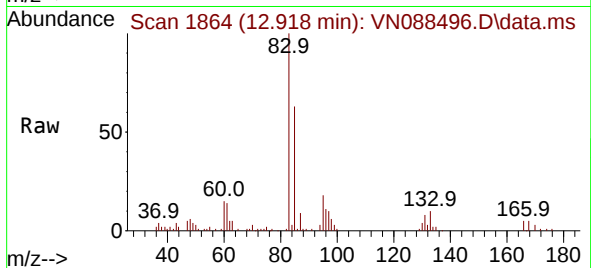
Tgt Ion: 83 Resp: 92597

Ion Ratio Lower Upper

83 100

131 8.5 4.8 14.4

85 65.8 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 26.474 ug/l

RT: 12.971 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN088496.D

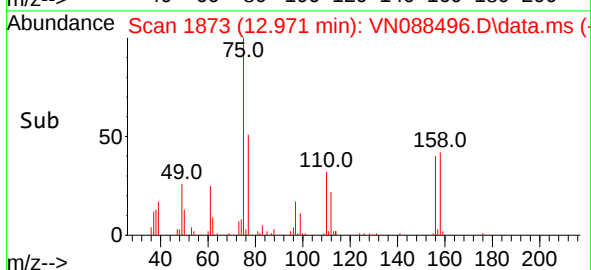
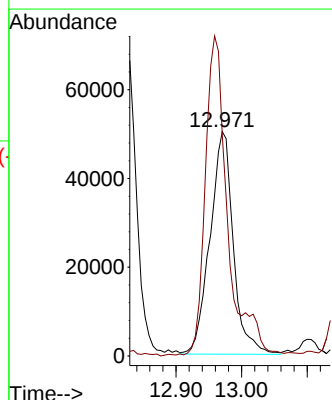
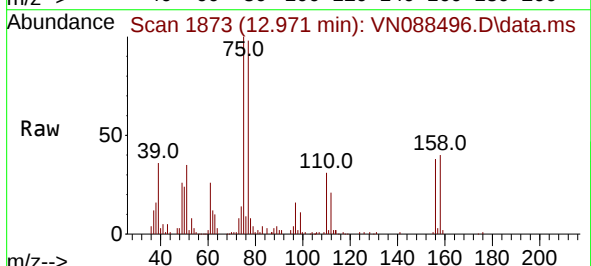
Acq: 10 Dec 2025 13:45

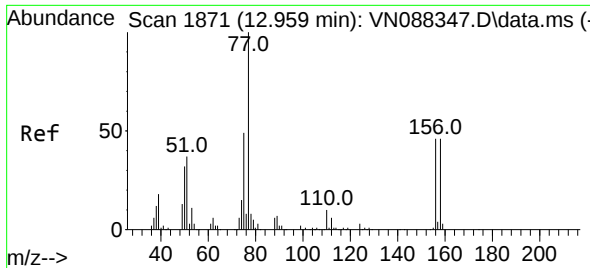
Tgt Ion: 75 Resp: 123839

Ion Ratio Lower Upper

75 100

77 124.6 87.2 261.6

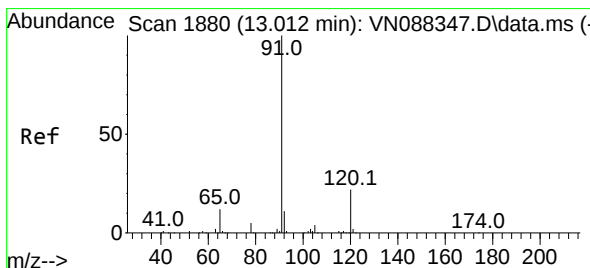
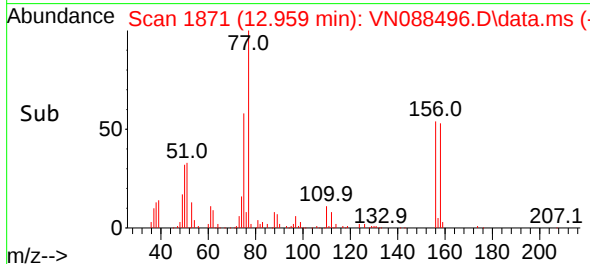
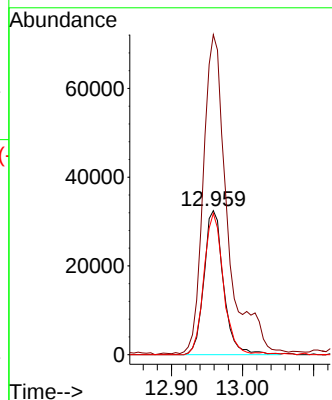
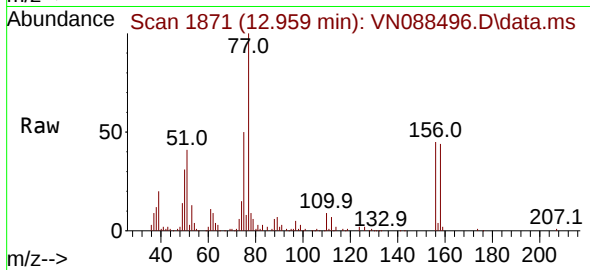




#77
Bromobenzene
Concen: 18.418 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

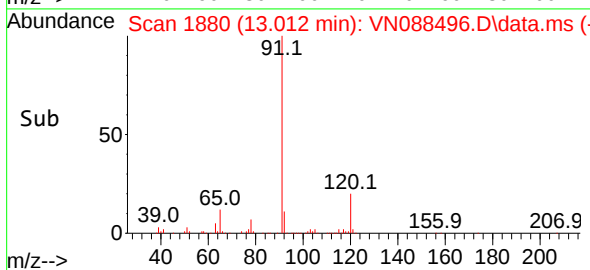
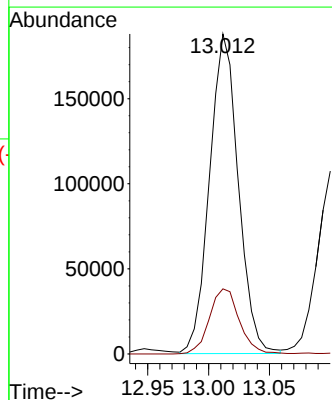
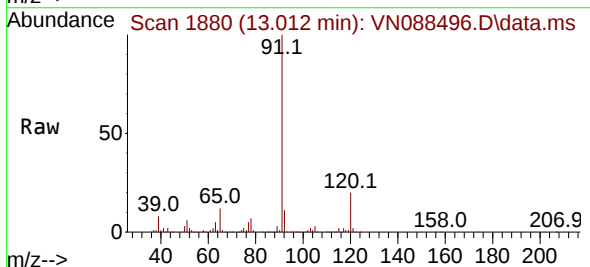
Instrument :
MSVOA_N
ClientSampleId :

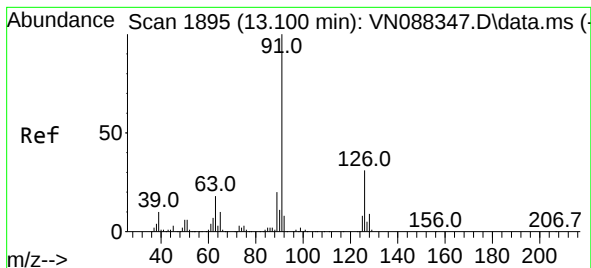
Tgt Ion:156 Resp: 62228
Ion Ratio Lower Upper
156 100
77 248.0 121.6 364.7
158 97.4 48.6 145.8



#78
n-propylbenzene
Concen: 17.095 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 91 Resp: 308833
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.6





#79

2-Chlorotoluene

Concen: 17.670 ug/l

RT: 13.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

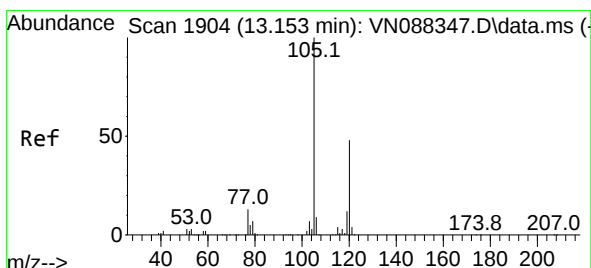
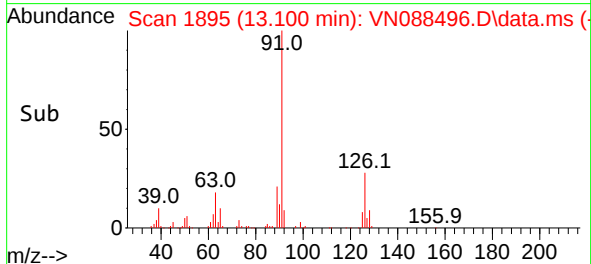
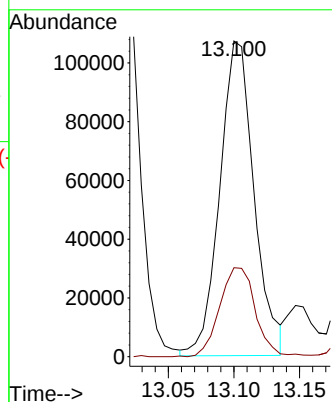
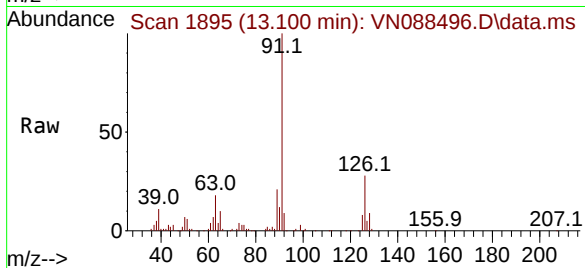
ClientSampleId :

Tgt Ion: 91 Resp: 194938

Ion Ratio Lower Upper

91 100

126 29.5 15.3 45.9



#80

1,3,5-Trimethylbenzene

Concen: 17.014 ug/l

RT: 13.147 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VN088496.D

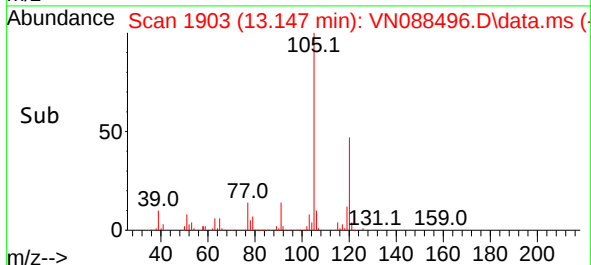
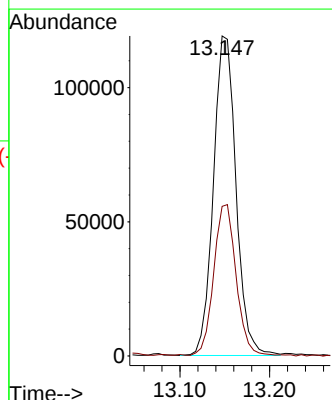
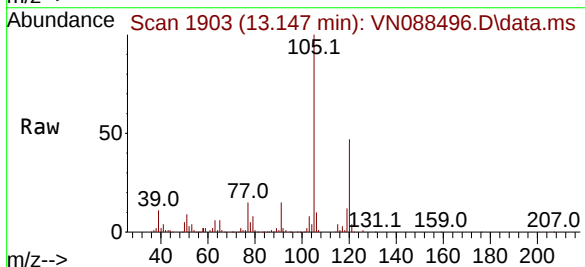
Acq: 10 Dec 2025 13:45

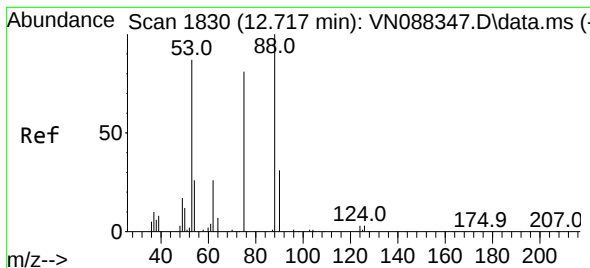
Tgt Ion:105 Resp: 208192

Ion Ratio Lower Upper

105 100

120 47.3 23.8 71.5

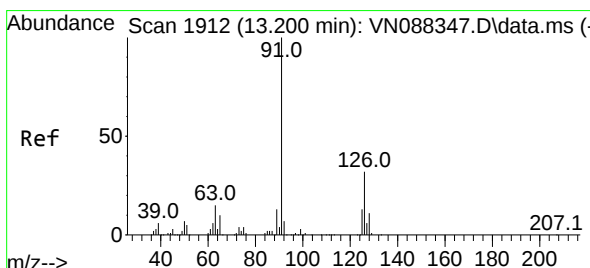
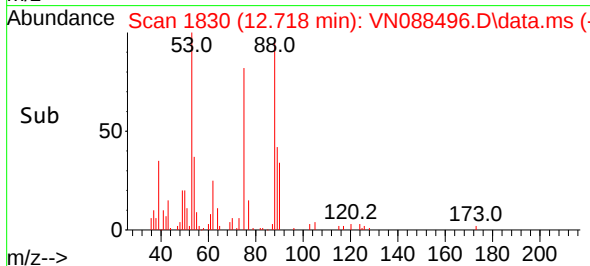
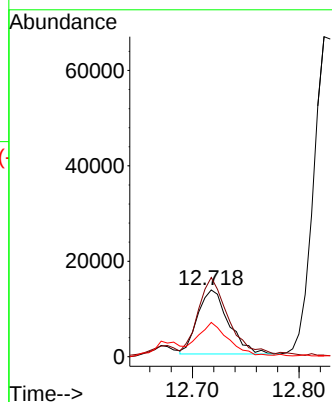
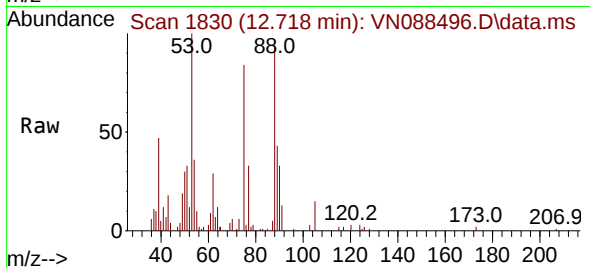




#81
trans-1,4-Dichloro-2-butene
Concen: 16.379 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

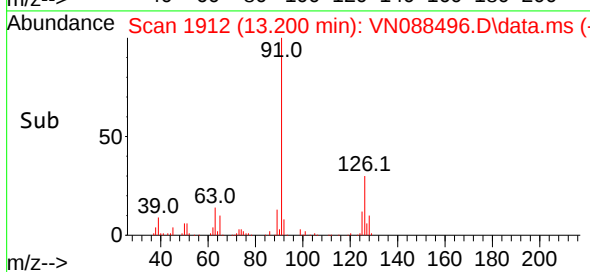
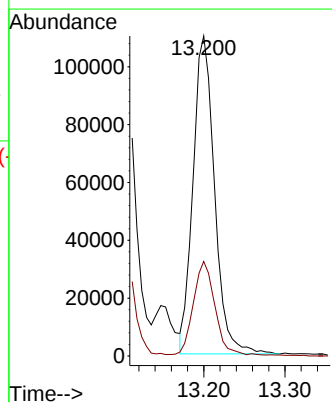
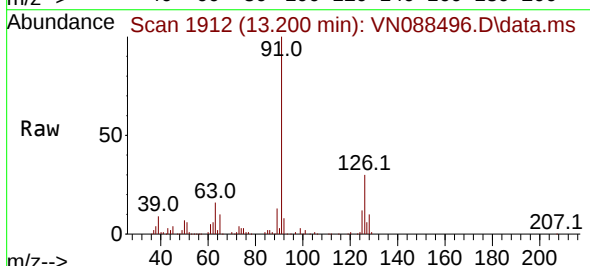
Instrument :
MSVOA_N
ClientSampleId :

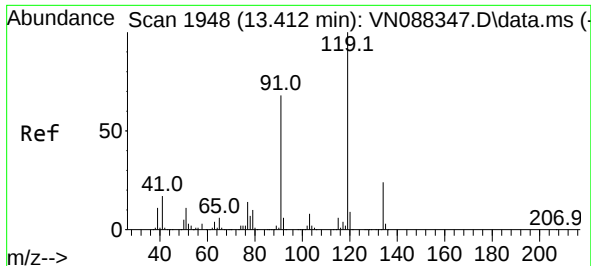
Tgt Ion: 75 Resp: 27006
Ion Ratio Lower Upper
75 100
53 124.0 92.2 138.4
89 49.6 0.0 0.0#



#82
4-Chlorotoluene
Concen: 18.474 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 91 Resp: 202428
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.7

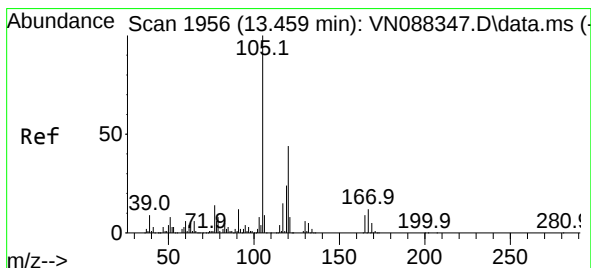
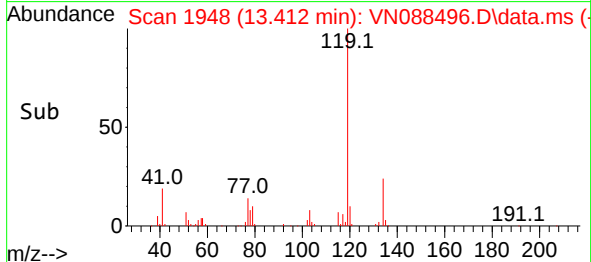
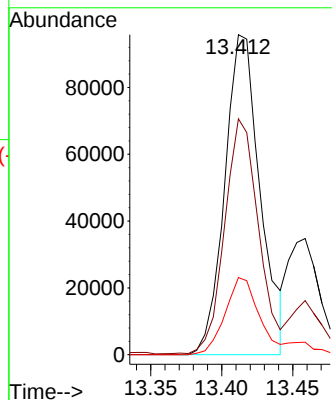
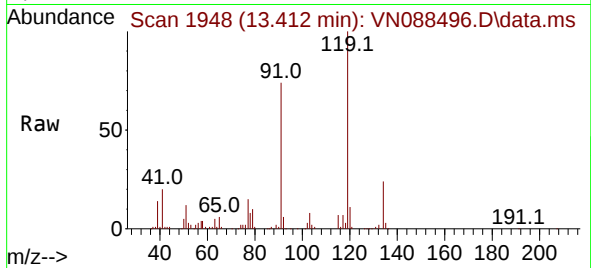




#83
 tert-Butylbenzene
 Concen: 15.990 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VN088496.D
 Acq: 10 Dec 2025 13:45

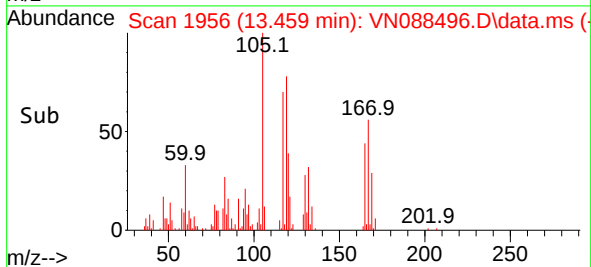
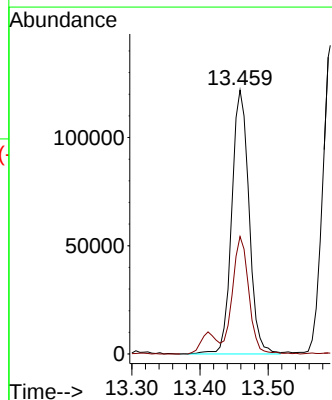
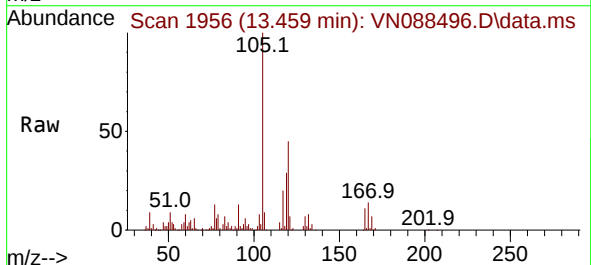
Instrument :
 MSVOA_N
 ClientSampleId :

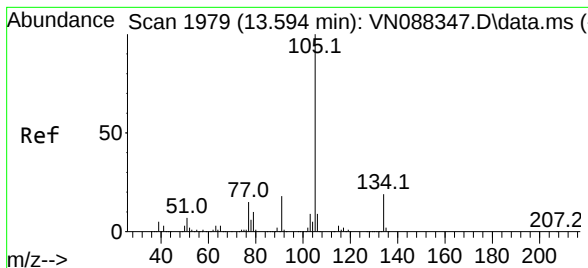
Tgt Ion:119 Resp: 166323
 Ion Ratio Lower Upper
 119 100
 91 69.9 35.1 105.3
 134 23.0 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 17.682 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN088496.D
 Acq: 10 Dec 2025 13:45

Tgt Ion:105 Resp: 215051
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 16.219 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

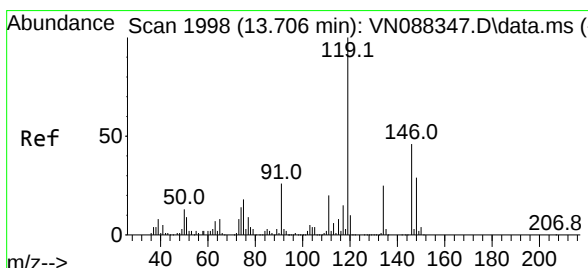
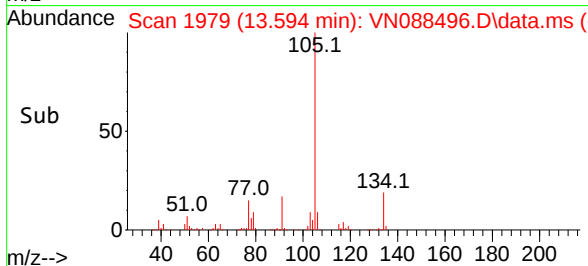
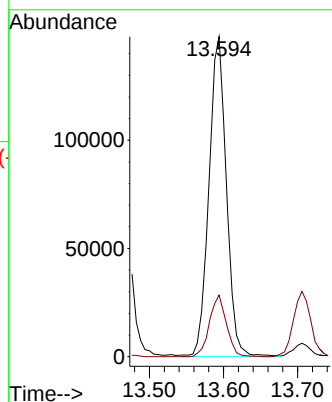
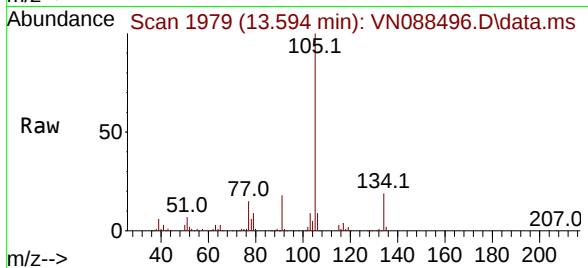
ClientSampleId :

Tgt Ion:105 Resp: 242366

Ion Ratio Lower Upper

105 100

134 18.7 9.5 28.5



#86

p-Isopropyltoluene

Concen: 16.159 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

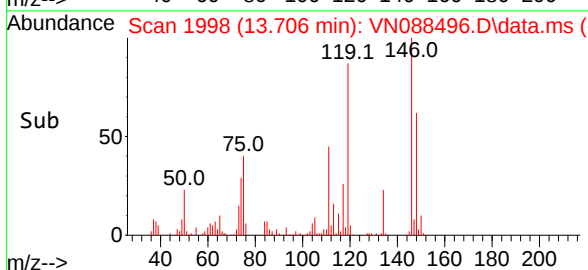
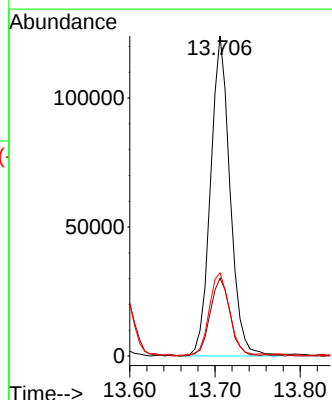
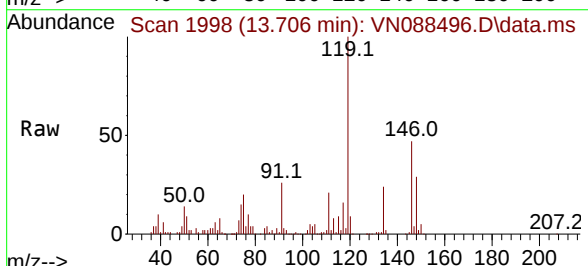
Tgt Ion:119 Resp: 198002

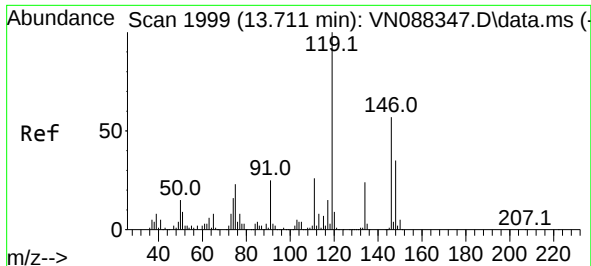
Ion Ratio Lower Upper

119 100

134 24.9 12.2 36.6

91 26.5 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 17.876 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

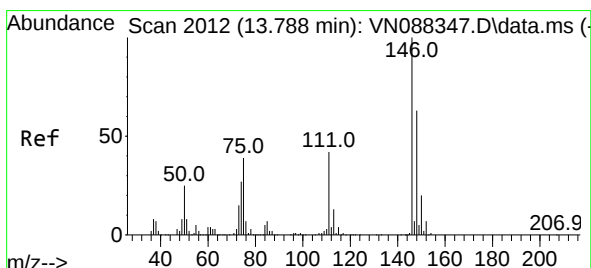
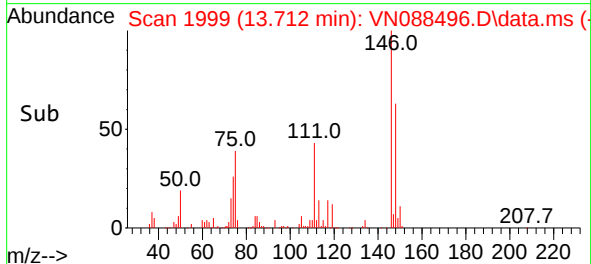
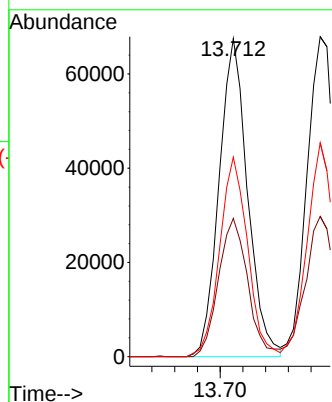
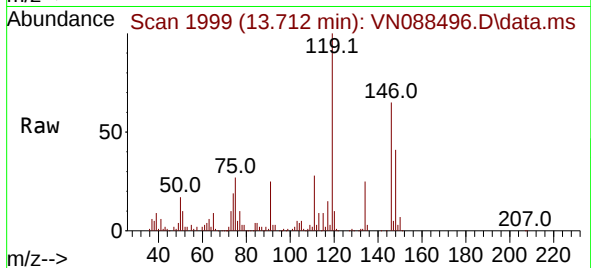
Tgt Ion:146 Resp: 117572

Ion Ratio Lower Upper

146 100

111 44.8 22.4 67.0

148 61.7 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 17.568 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

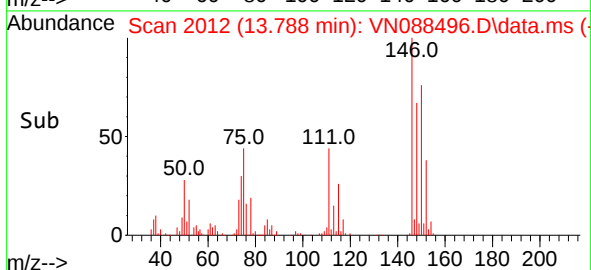
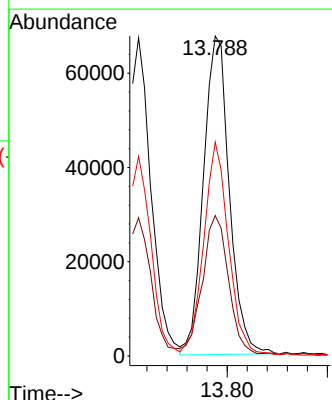
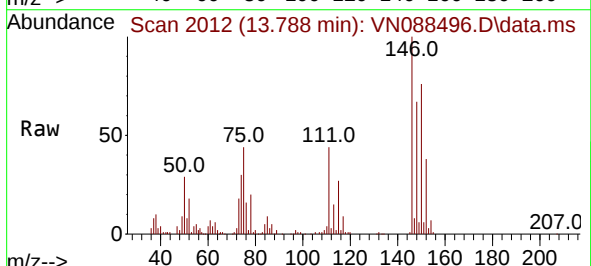
Tgt Ion:146 Resp: 121032

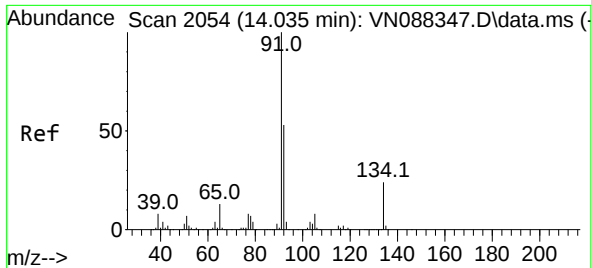
Ion Ratio Lower Upper

146 100

111 44.7 21.6 64.6

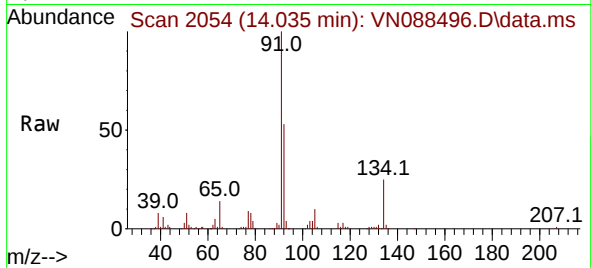
148 64.1 31.0 93.0



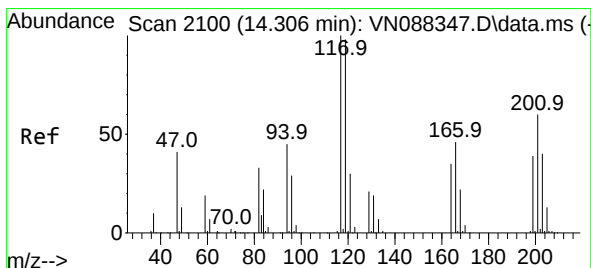
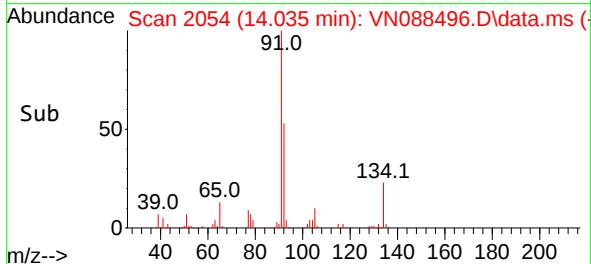
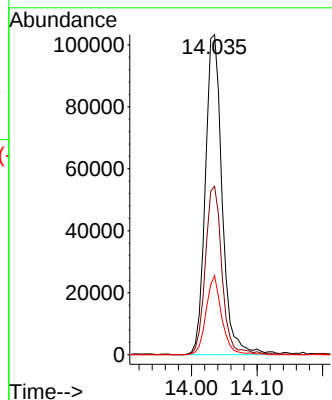


#89
n-Butylbenzene
Concen: 15.519 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :

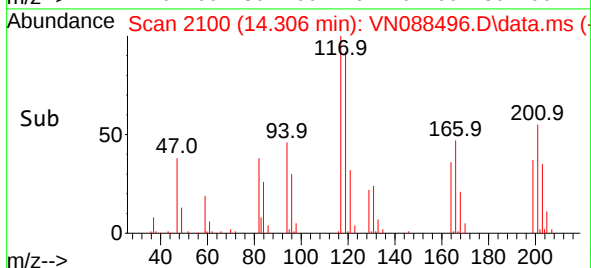
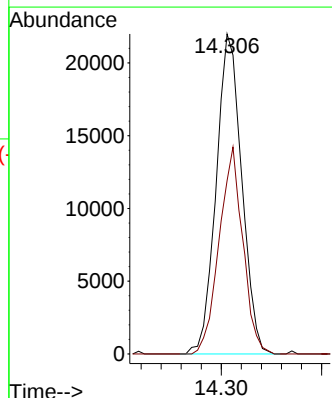
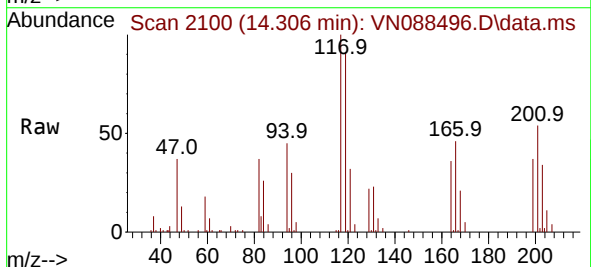


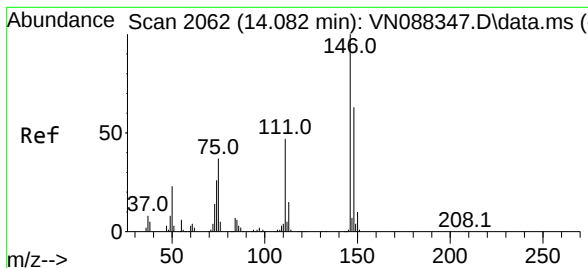
Tgt Ion: 91 Resp: 184645
Ion Ratio Lower Upper
91 100
92 52.5 26.1 78.3
134 22.9 11.7 35.1



#90
Hexachloroethane
Concen: 17.360 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088496.D
Acq: 10 Dec 2025 13:45

Tgt Ion: 117 Resp: 38861
Ion Ratio Lower Upper
117 100
201 59.9 30.3 90.9





#91

1,2-Dichlorobenzene

Concen: 17.942 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

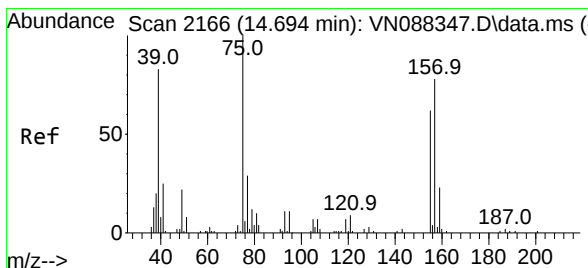
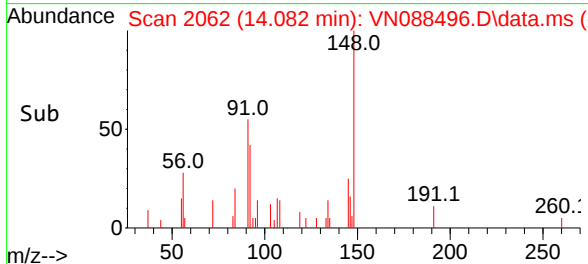
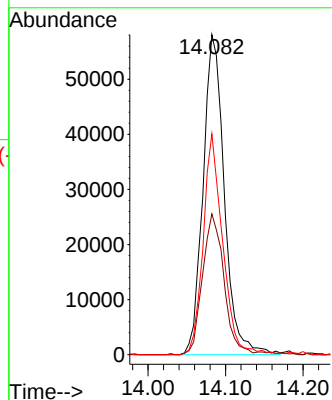
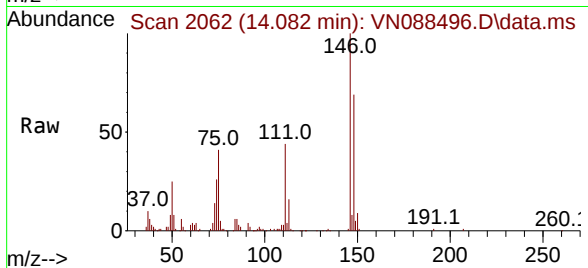
Tgt Ion:146 Resp: 111046

Ion Ratio Lower Upper

146 100

111 44.1 23.3 69.9

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.103 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

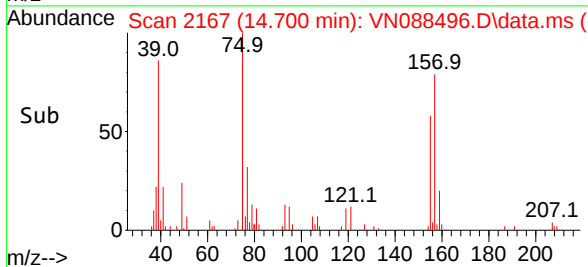
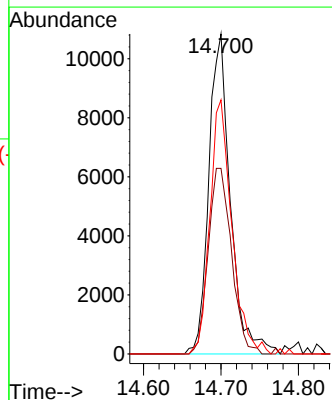
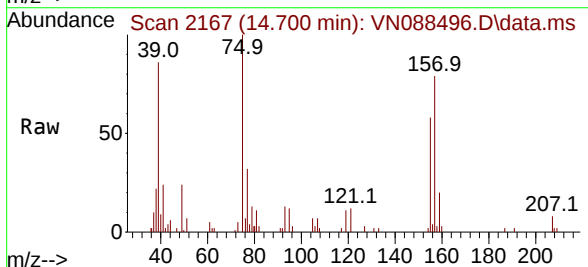
Tgt Ion: 75 Resp: 20968

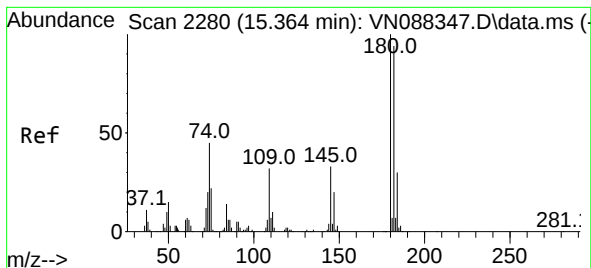
Ion Ratio Lower Upper

75 100

155 62.7 33.7 101.1

157 80.7 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 15.523 ug/l

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

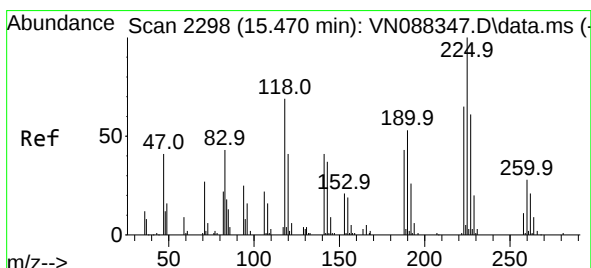
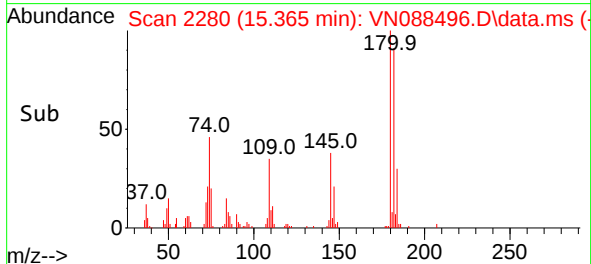
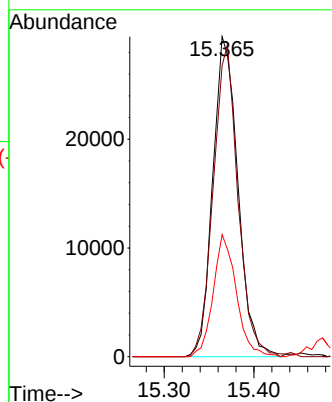
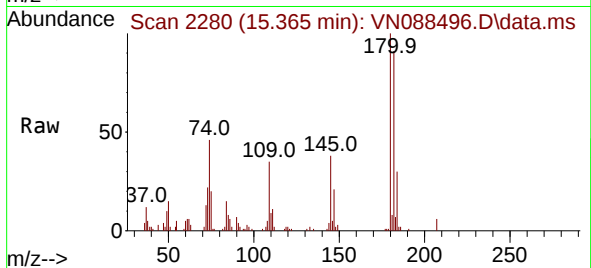
Tgt Ion:180 Resp: 57086

Ion Ratio Lower Upper

180 100

182 96.3 46.1 138.2

145 35.3 16.7 50.1



#94

Hexachlorobutadiene

Concen: 15.091 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

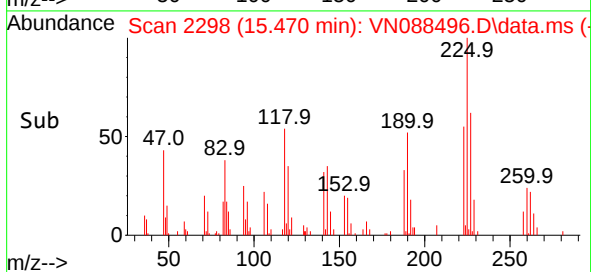
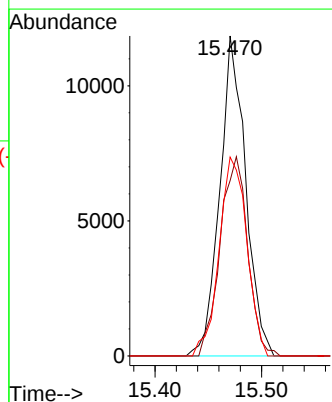
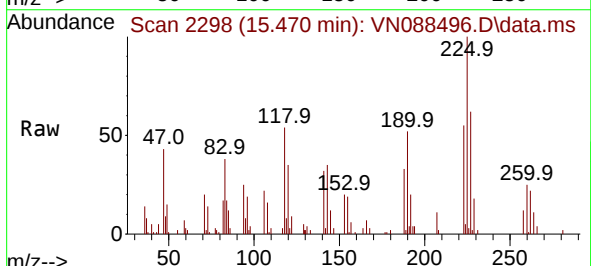
Tgt Ion:225 Resp: 19943

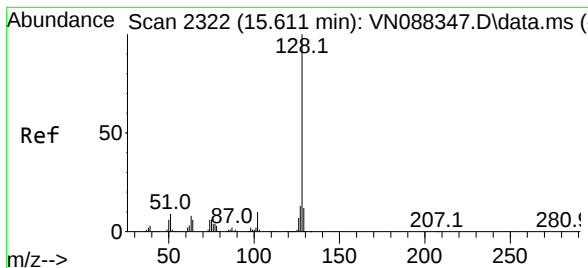
Ion Ratio Lower Upper

225 100

223 66.3 32.3 96.8

227 66.7 29.9 89.8





#95

Naphthalene

Concen: 15.359 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

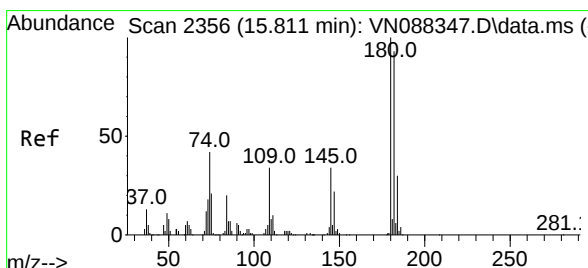
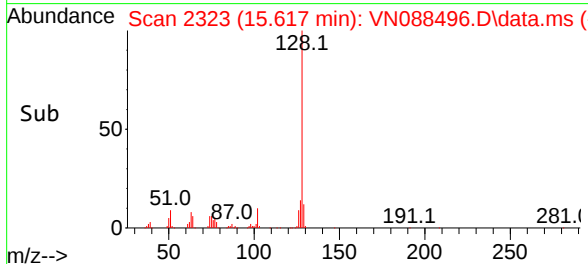
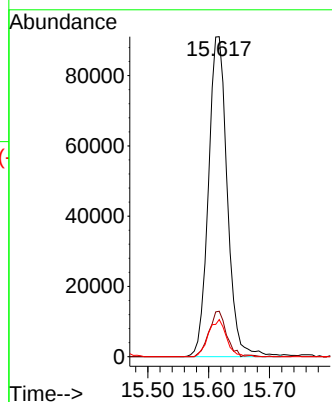
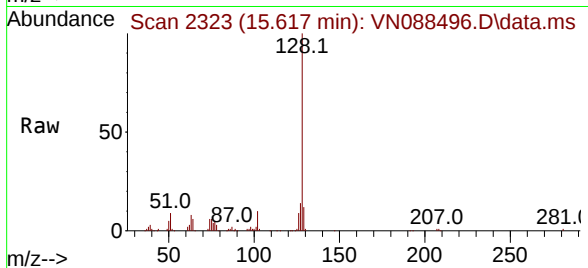
Tgt Ion:128 Resp: 195728

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.2 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 15.677 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088496.D

Acq: 10 Dec 2025 13:45

Tgt Ion:180 Resp: 56108

Ion Ratio Lower Upper

180 100

182 96.4 45.9 137.7

145 37.4 17.8 53.4

