

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088400.D
 Acq On : 02 Dec 2025 11:34
 Operator : JC\MD
 Sample : VN1202WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 03 01:25:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	245156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	446464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	396309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	188408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	240662	52.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.220%	
35) Dibromofluoromethane	8.147	113	161190	52.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.200%	
50) Toluene-d8	10.541	98	580861	50.457	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.823	95	194910	49.345	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	70157	19.053	ug/l	95
3) Chloromethane	2.383	50	74084	18.733	ug/l	97
4) Vinyl Chloride	2.536	62	73356	18.233	ug/l	98
5) Bromomethane	2.983	94	37837	19.540	ug/l	97
6) Chloroethane	3.142	64	46465	18.662	ug/l	98
7) Trichlorofluoromethane	3.518	101	106266	18.793	ug/l	98
8) Diethyl Ether	3.959	74	38646	18.209	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	56672	18.826	ug/l	97
10) Methyl Iodide	4.589	142	50851	17.064	ug/l	94
11) Tert butyl alcohol	5.512	59	57939	78.579	ug/l	97
12) 1,1-Dichloroethene	4.342	96	55427	18.532	ug/l	97
13) Acrolein	4.171	56	70631	100.057	ug/l	98
14) Allyl chloride	5.024	41	97630	17.611	ug/l	98
15) Acrylonitrile	5.706	53	197874	93.015	ug/l	98
16) Acetone	4.424	43	146653	87.806	ug/l	94
17) Carbon Disulfide	4.706	76	181733	18.594	ug/l	97
18) Methyl Acetate	5.024	43	98079	19.728	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	219830	19.617	ug/l	100
20) Methylene Chloride	5.265	84	68202	19.086	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	61577	18.585	ug/l	92
22) Diisopropyl ether	6.653	45	232233	19.622	ug/l	95
23) Vinyl Acetate	6.589	43	1041577	109.230	ug/l	99
24) 1,1-Dichloroethane	6.553	63	128842	19.223	ug/l	95
25) 2-Butanone	7.471	43	251629	93.715	ug/l	92
26) 2,2-Dichloropropane	7.471	77	108173	18.698	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	71623	18.601	ug/l	97
28) Bromochloromethane	7.794	49	69751	20.891	ug/l	99
29) Tetrahydrofuran	7.824	42	178128	92.491	ug/l	99
30) Chloroform	7.953	83	129498	19.663	ug/l	99
31) Cyclohexane	8.235	56	114899	18.917	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	108786	18.786	ug/l	98
36) 1,1-Dichloropropene	8.353	75	87696	18.366	ug/l	98
37) Ethyl Acetate	7.547	43	118314	18.844	ug/l	99
38) Carbon Tetrachloride	8.341	117	90553	19.050	ug/l	98
39) Methylcyclohexane	9.577	83	91293	17.874	ug/l	91
40) Benzene	8.582	78	261591	18.666	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	57900	18.619	ug/l	99
42) 1,2-Dichloroethane	8.647	62	108373	20.268	ug/l	99
43) Isopropyl Acetate	8.671	43	183066	19.084	ug/l	99
44) Trichloroethene	9.335	130	59332	17.917	ug/l	88
45) 1,2-Dichloropropane	9.600	63	68444	19.062	ug/l	89
46) Dibromomethane	9.682	93	50750	19.805	ug/l	100
47) Bromodichloromethane	9.865	83	103508	19.797	ug/l	95
48) Methyl methacrylate	9.665	41	84066	19.207	ug/l	97
49) 1,4-Dioxane	9.682	88	19101	343.156	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	563219	99.609	ug/l	99
52) Toluene	10.606	92	157757	19.495	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	100141	18.659	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	107513	19.049	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	62971	20.113	ug/l	96
56) Ethyl methacrylate	10.853	69	96496	19.511	ug/l	96
57) 1,3-Dichloropropane	11.141	76	109205	19.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	274912	96.419	ug/l	99
59) 2-Hexanone	11.176	43	334598	93.936	ug/l	97
60) Dibromochloromethane	11.335	129	68805	19.277	ug/l	98
61) 1,2-Dibromoethane	11.447	107	61736	19.472	ug/l	100
64) Tetrachloroethene	11.082	164	52163	16.603	ug/l	97
65) Chlorobenzene	11.871	112	167678	18.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	57320	19.092	ug/l	97
67) Ethyl Benzene	11.941	91	287588	18.484	ug/l	99
68) m/p-Xylenes	12.047	106	216717	37.568	ug/l	100
69) o-Xylene	12.376	106	99322	18.060	ug/l	98
70) Styrene	12.388	104	172048	19.267	ug/l	99
71) Bromoform	12.559	173	43810	19.922	ug/l #	99
73) Isopropylbenzene	12.670	105	259362	18.618	ug/l	99
74) N-amyl acetate	12.553	43	15137	3.191	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.918	83	89094	19.783	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	122363	27.729	ug/l	66
77) Bromobenzene	12.959	156	61245	19.215	ug/l	95
78) n-propylbenzene	13.012	91	327010	19.188	ug/l	99
79) 2-Chlorotoluene	13.100	91	195499	18.785	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	219187	18.988	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	28811	18.522	ug/l #	100
82) 4-Chlorotoluene	13.200	91	199887	19.337	ug/l	99
83) tert-Butylbenzene	13.412	119	183448	18.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	225422	19.647	ug/l	97
85) sec-Butylbenzene	13.588	105	270952	19.220	ug/l	99
86) p-Isopropyltoluene	13.706	119	223655	19.348	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	116423	18.764	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	121526	18.698	ug/l	96
89) n-Butylbenzene	14.029	91	209256	18.644	ug/l	99
90) Hexachloroethane	14.306	117	41518	19.661	ug/l	98
91) 1,2-Dichlorobenzene	14.088	146	109481	18.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20576	18.831	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	62996	18.158	ug/l	96
94) Hexachlorobutadiene	15.476	225	24005	19.255	ug/l	98
95) Naphthalene	15.611	128	214287	17.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	62555	18.528	ug/l	99

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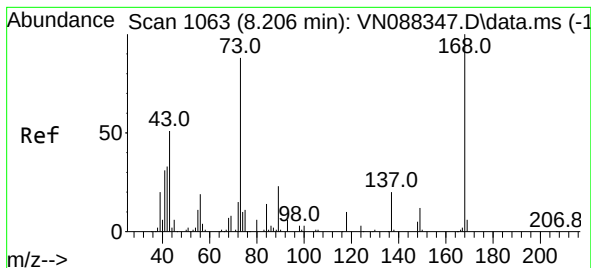
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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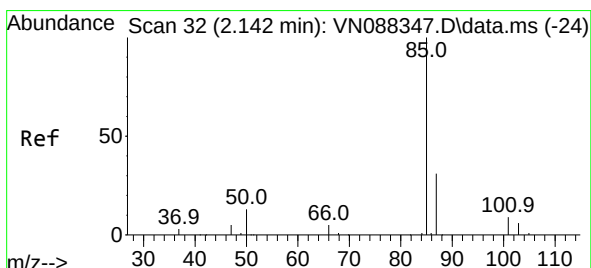
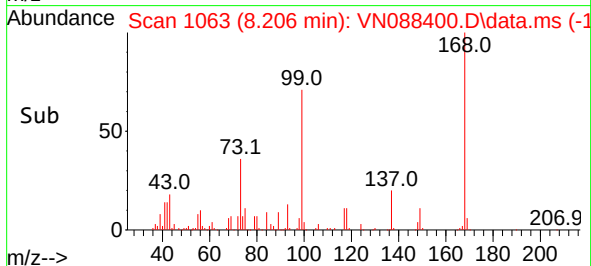
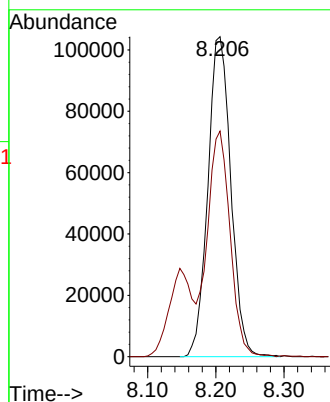
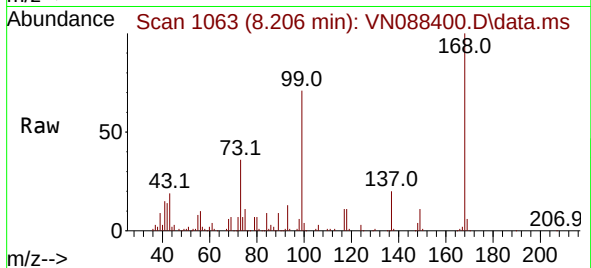




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088400.D
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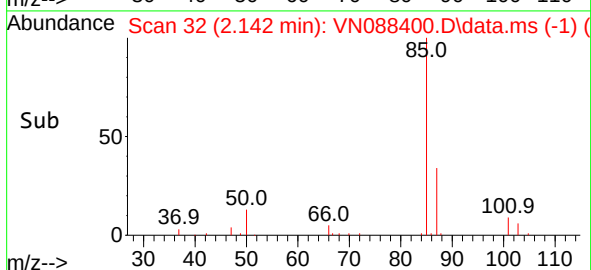
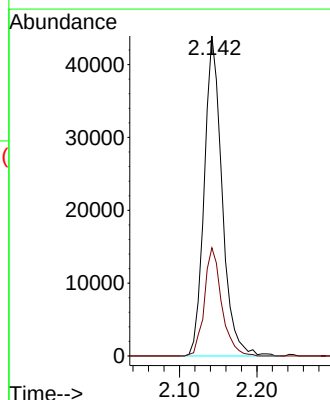
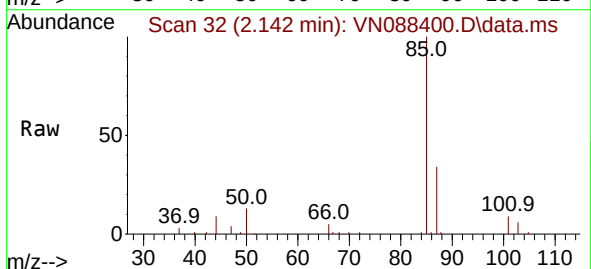
Instrument :
MSVOA_N
ClientSampleId :

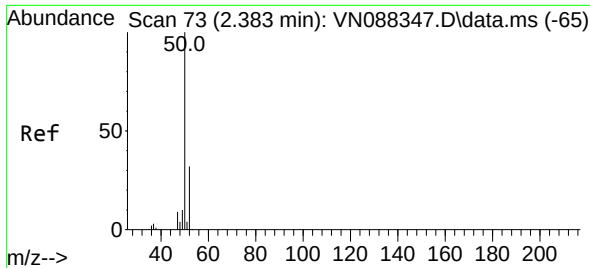
Tgt Ion:168 Resp: 245156
Ion Ratio Lower Upper
168 100
99 70.3 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 19.053 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 85 Resp: 70157
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.7

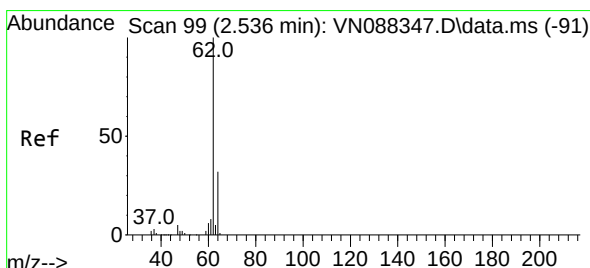
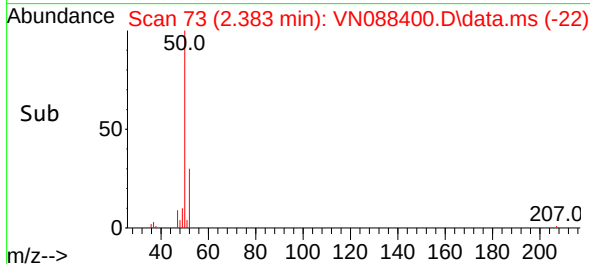
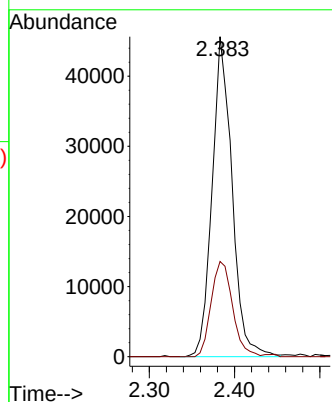
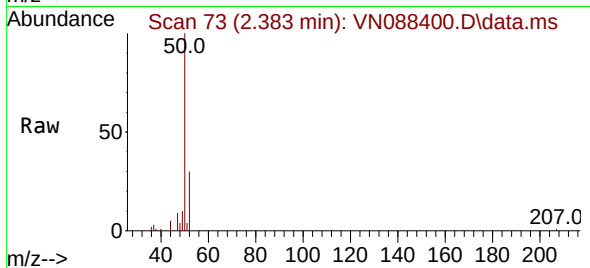




#3
Chloromethane
Concen: 18.733 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

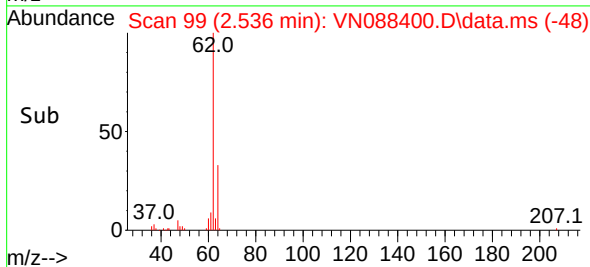
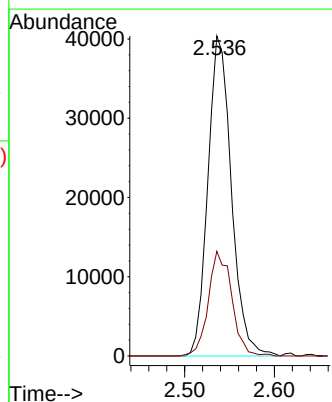
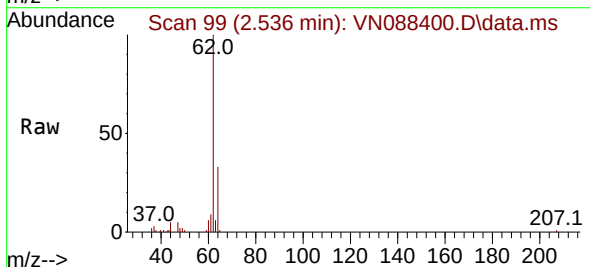
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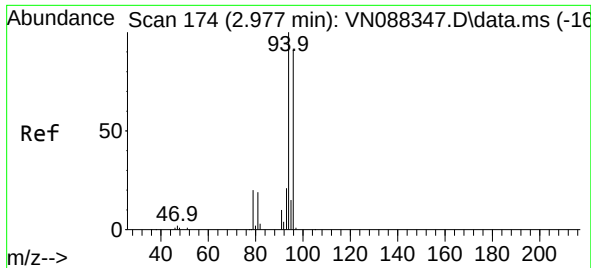
Tgt Ion: 50 Resp: 74084
Ion Ratio Lower Upper
50 100
52 29.8 25.2 37.8



#4
Vinyl Chloride
Concen: 18.233 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 62 Resp: 73356
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2

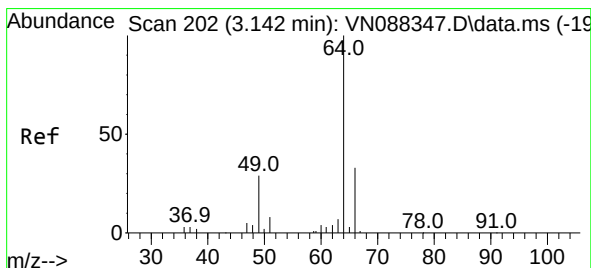
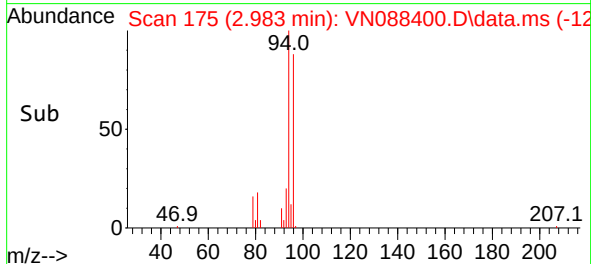
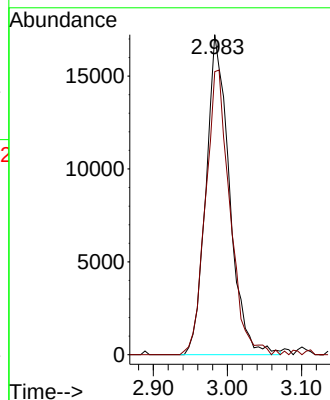
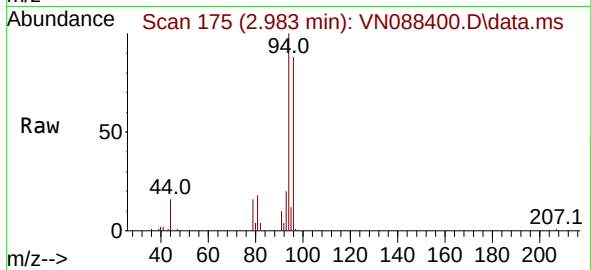




#5
Bromomethane
Concen: 19.540 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

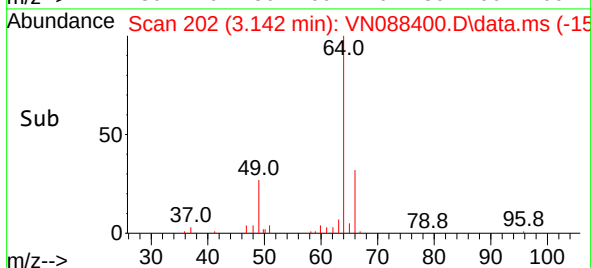
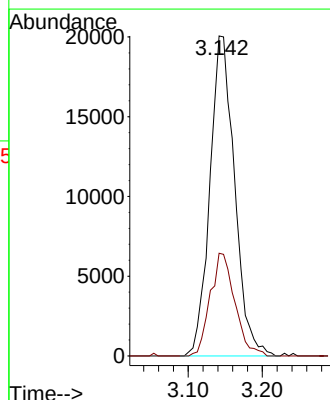
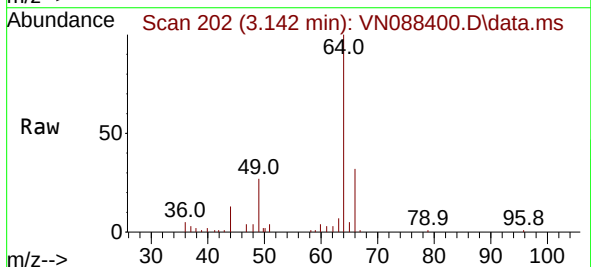
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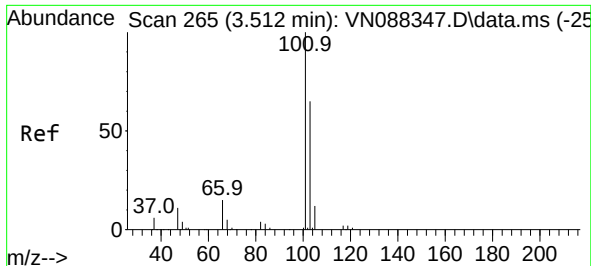
Tgt Ion: 94 Resp: 37837
Ion Ratio Lower Upper
94 100
96 88.5 73.2 109.8



#6
Chloroethane
Concen: 18.662 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 64 Resp: 46465
Ion Ratio Lower Upper
64 100
66 32.1 26.4 39.6

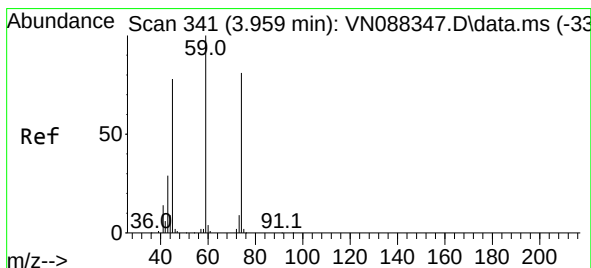
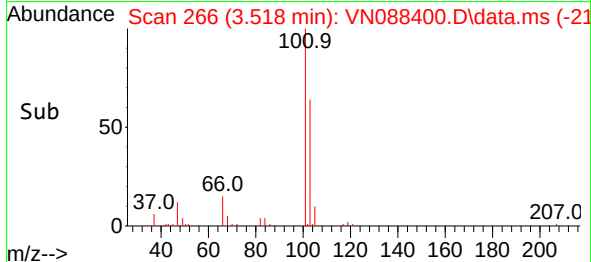
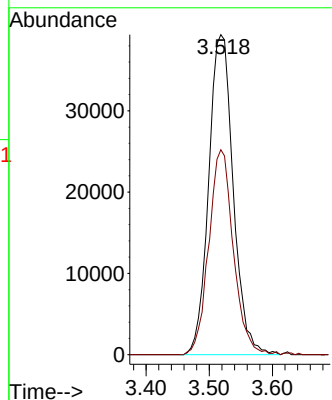
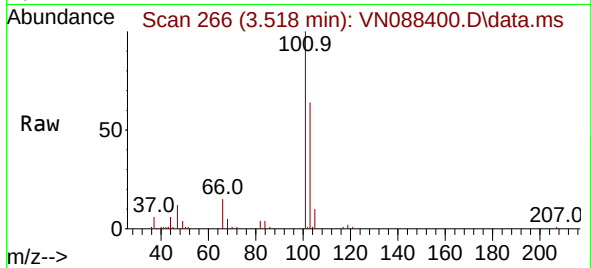




#7
Trichlorofluoromethane
Concen: 18.793 ug/l
RT: 3.518 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN088400.D
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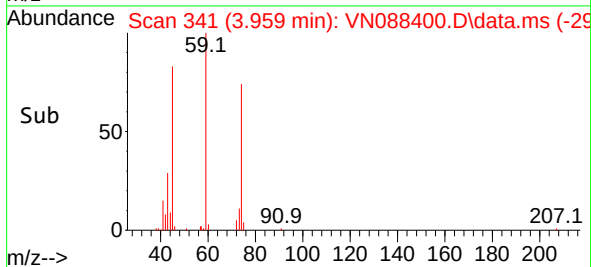
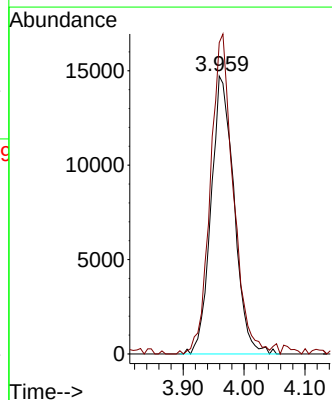
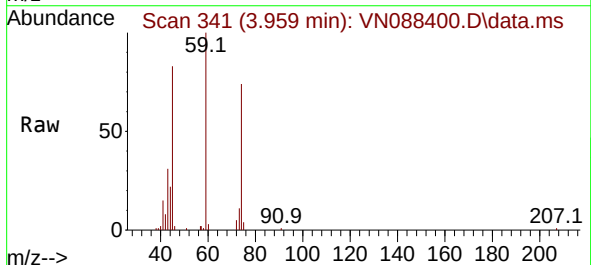
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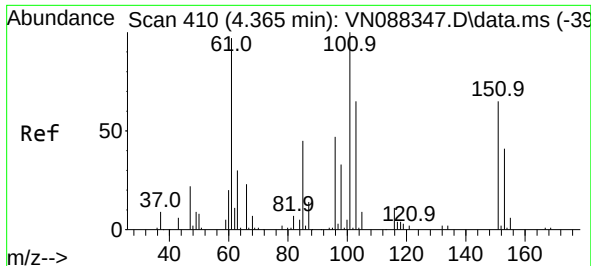
Tgt Ion:101 Resp: 106266
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5



#8
Diethyl Ether
Concen: 18.209 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 74 Resp: 38646
Ion Ratio Lower Upper
74 100
45 114.8 54.2 162.6

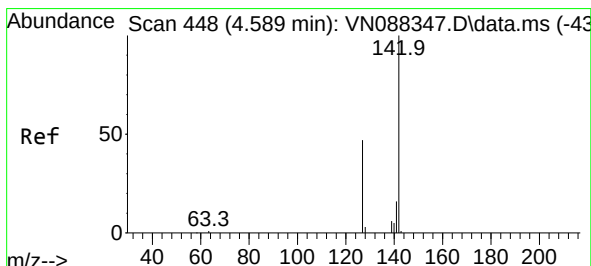
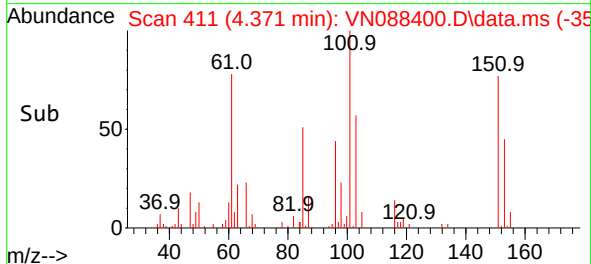
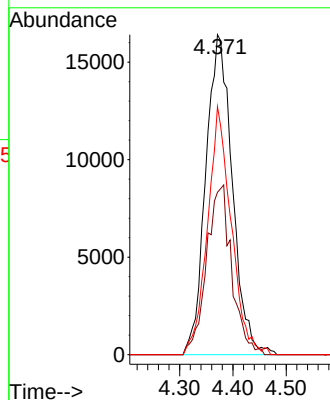
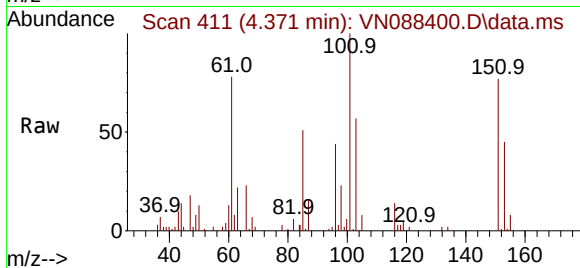




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.826 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088400.D
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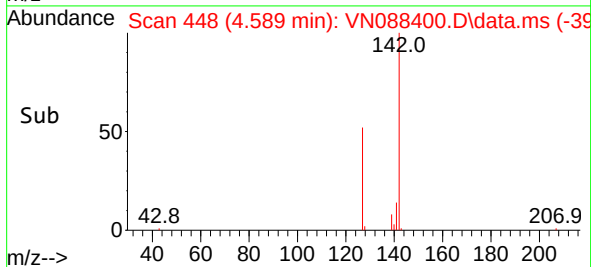
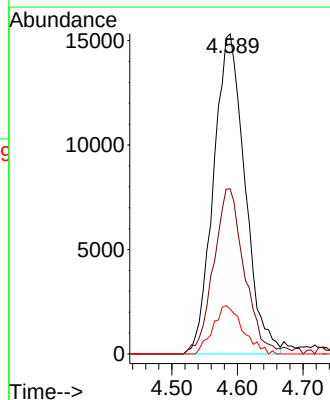
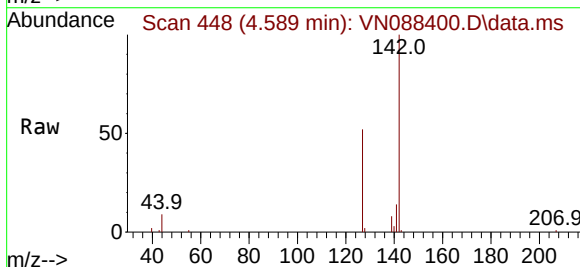
Instrument :
MSVOA_N
ClientSampleId :

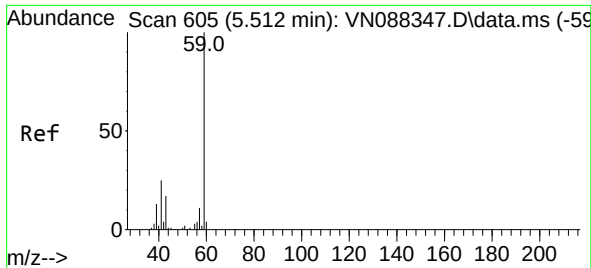
Tgt Ion:101 Resp: 56672
Ion Ratio Lower Upper
101 100
85 50.5 39.2 58.8
151 69.5 53.6 80.4



#10
Methyl Iodide
Concen: 17.064 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

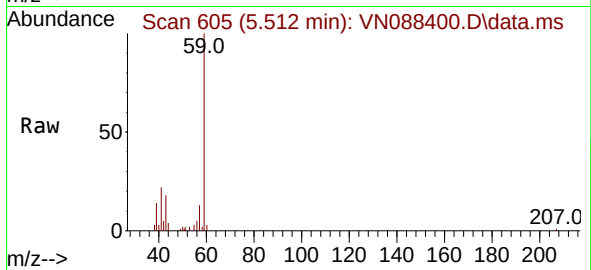
Tgt Ion:142 Resp: 50851
Ion Ratio Lower Upper
142 100
127 51.6 37.9 56.9
141 14.0 12.4 18.6



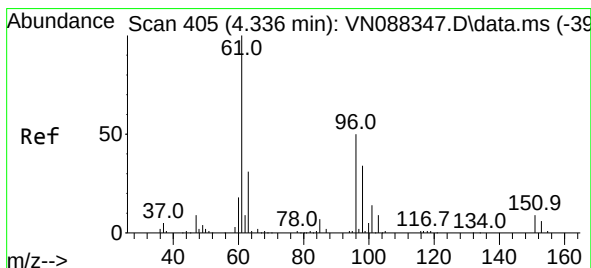
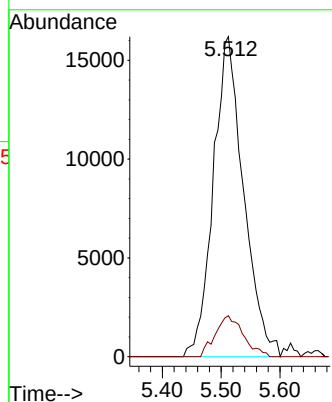
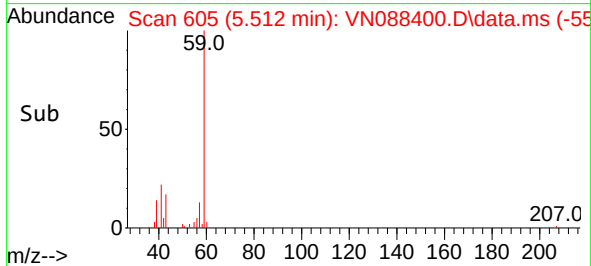


#11
Tert butyl alcohol
Concen: 78.579 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

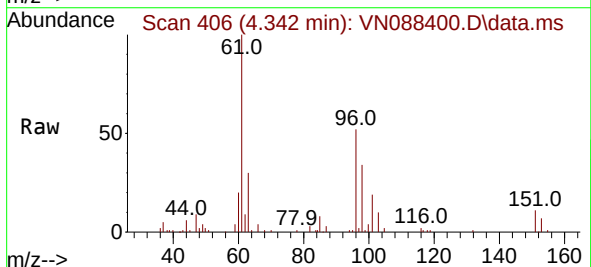
Instrument :
MSVOA_N
ClientSampleId :



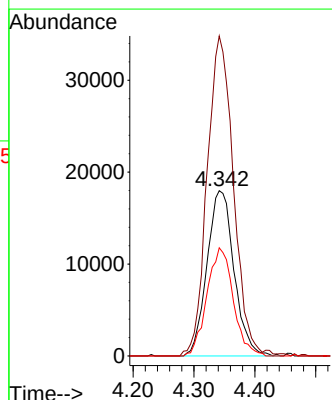
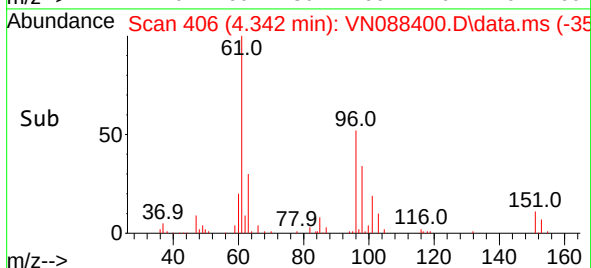
Tgt Ion: 59 Resp: 57939
Ion Ratio Lower Upper
59 100
57 11.9 8.5 12.7

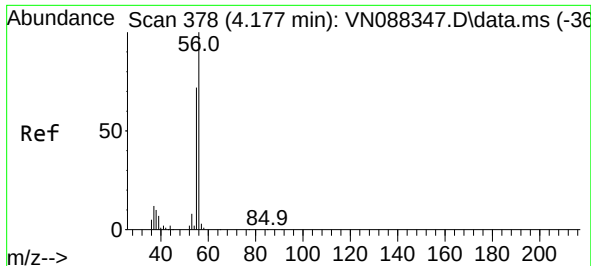


#12
1,1-Dichloroethene
Concen: 18.532 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



Tgt Ion: 96 Resp: 55427
Ion Ratio Lower Upper
96 100
61 193.6 159.1 238.7
98 65.5 53.7 80.5





#13

Acrolein

Concen: 100.057 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

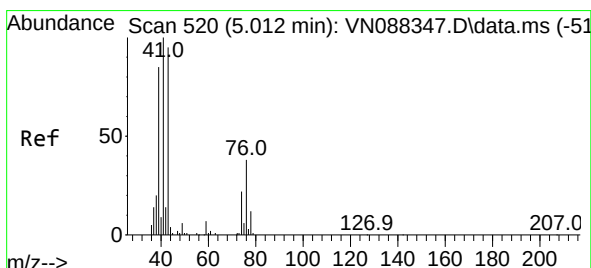
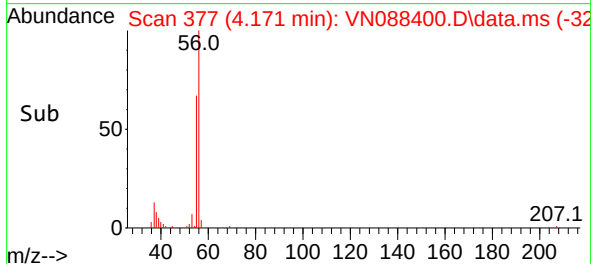
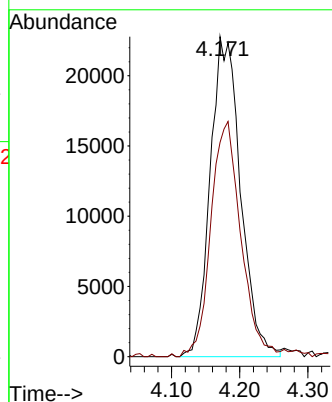
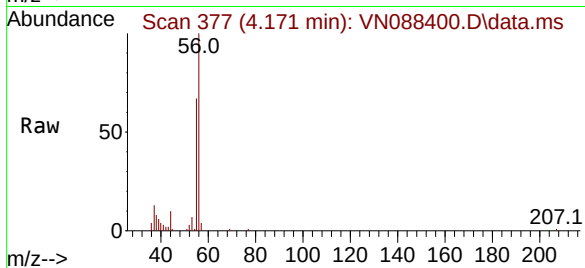
ClientSampleId :

Tgt Ion: 56 Resp: 70631

Ion Ratio Lower Upper

56 100

55 72.4 56.3 84.5



#14

Allyl chloride

Concen: 17.611 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.012 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

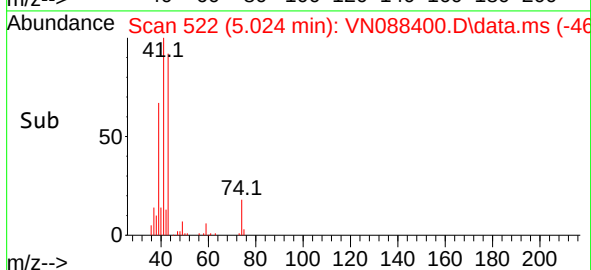
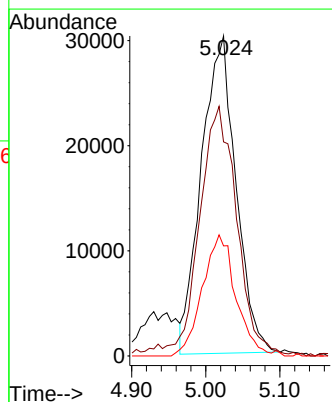
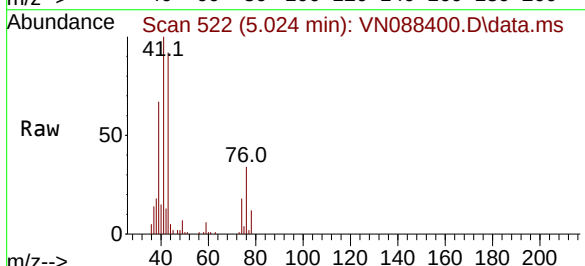
Tgt Ion: 41 Resp: 97630

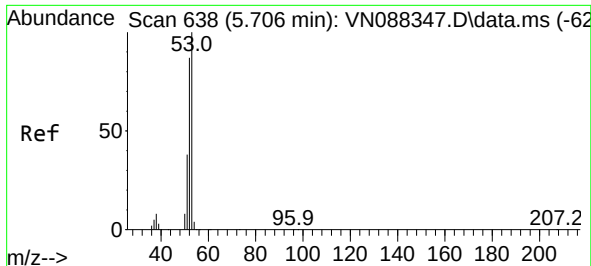
Ion Ratio Lower Upper

41 100

39 82.9 64.7 97.1

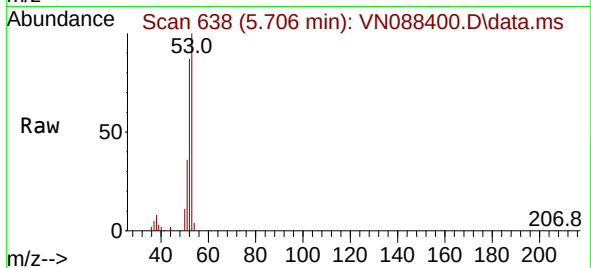
76 37.2 29.1 43.7





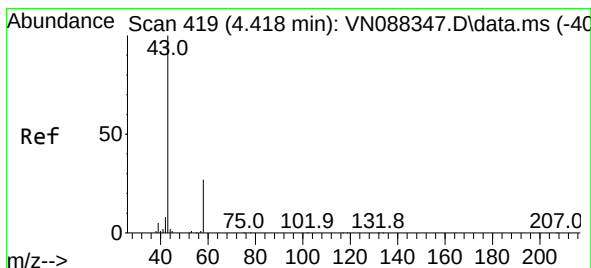
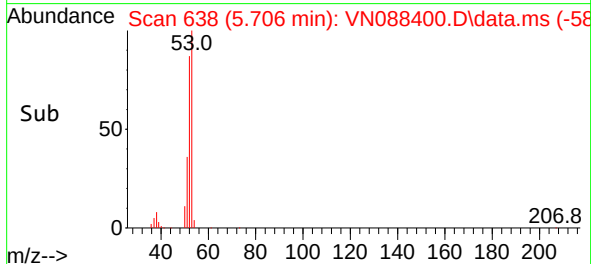
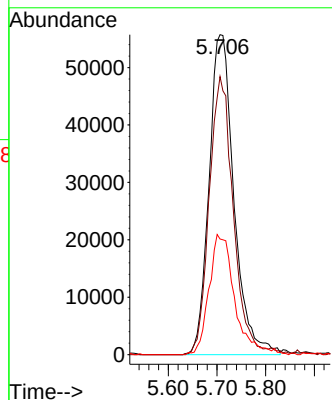
#15
Acrylonitrile
Concen: 93.015 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 197874

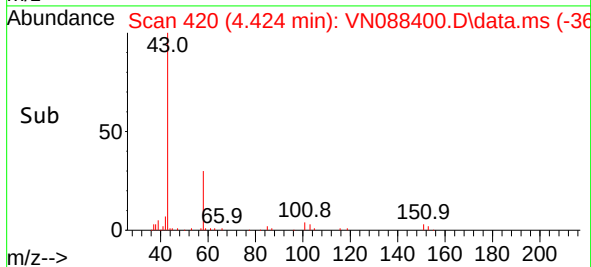
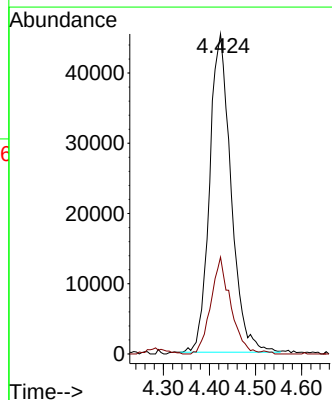
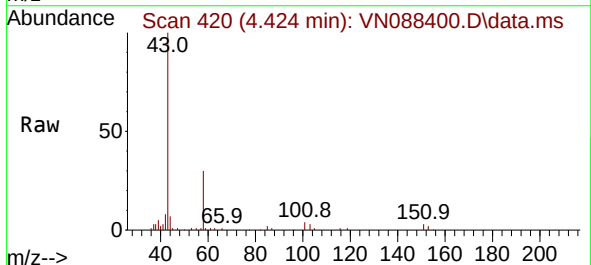
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.8	101.6
51	38.6	29.8	44.8

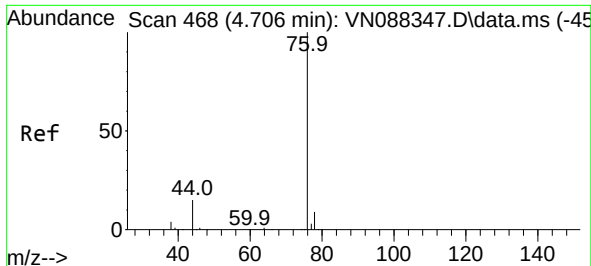


#16
Acetone
Concen: 87.806 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 43 Resp: 146653

Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.7	32.5

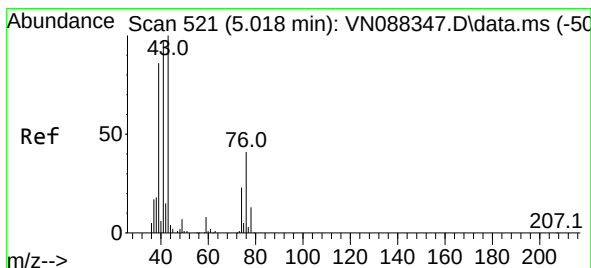
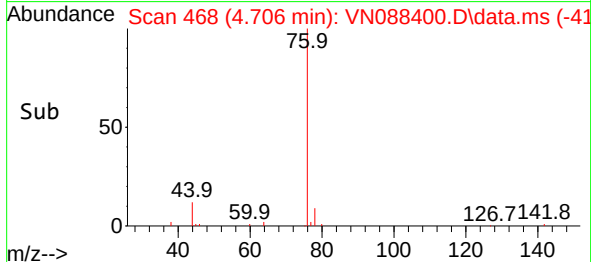
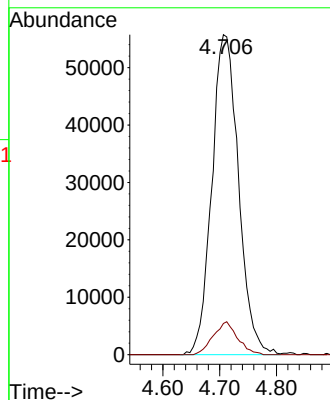
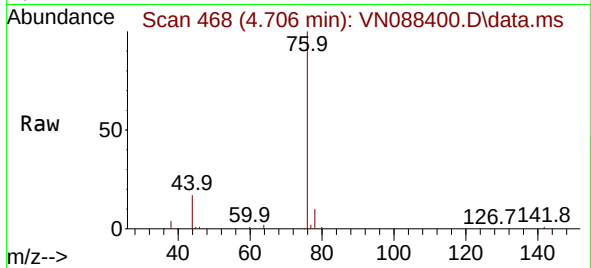




#17
Carbon Disulfide
Concen: 18.594 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

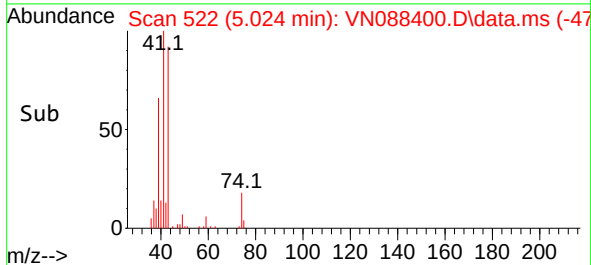
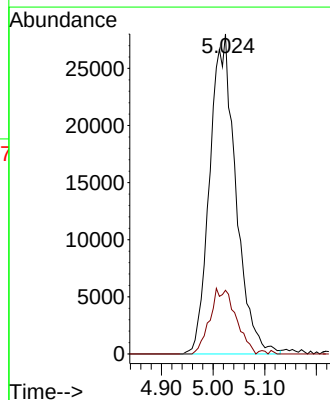
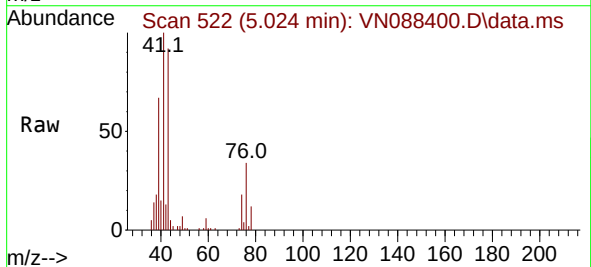
Instrument :
MSVOA_N
ClientSampleId :

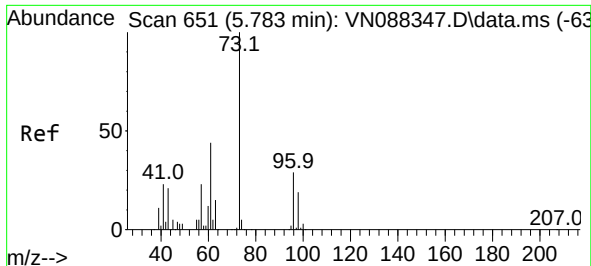
Tgt Ion: 76 Resp: 181733
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 19.728 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 43 Resp: 98079
Ion Ratio Lower Upper
43 100
74 20.3 17.9 26.9

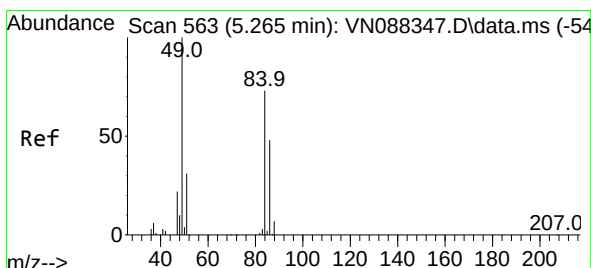
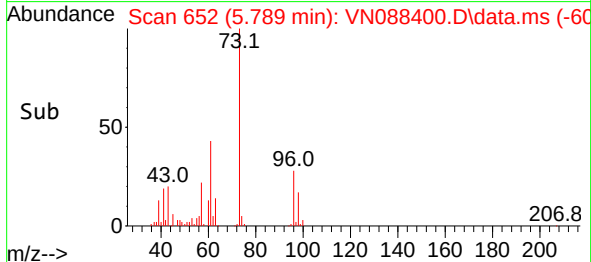
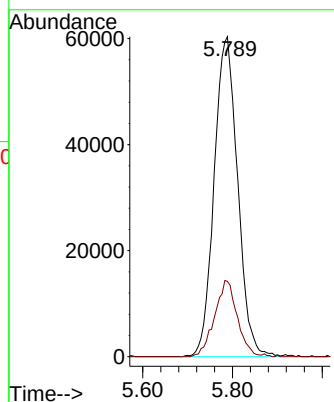
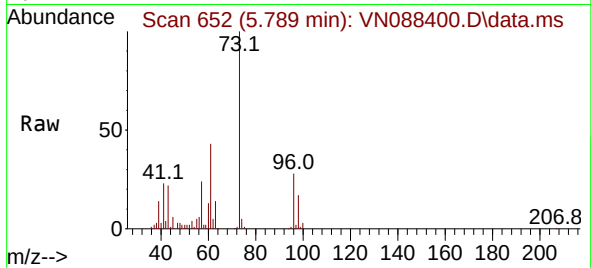




#19
Methyl tert-butyl Ether
Concen: 19.617 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

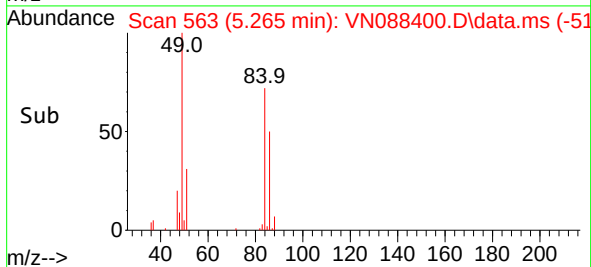
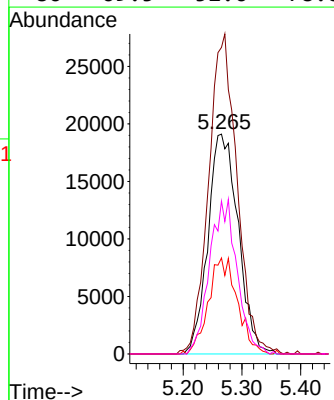
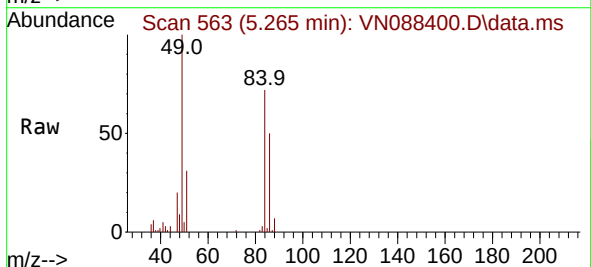
Instrument :
MSVOA_N
ClientSampleId :

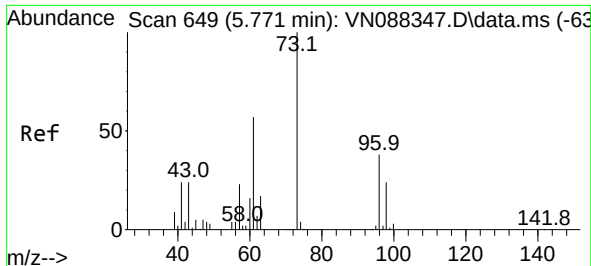
Tgt Ion: 73 Resp: 219830
Ion Ratio Lower Upper
73 100
57 23.5 18.6 28.0



#20
Methylene Chloride
Concen: 19.086 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

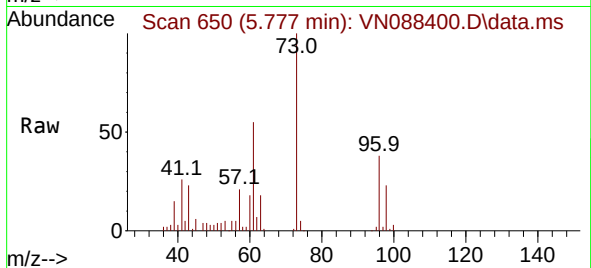
Tgt Ion: 84 Resp: 68202
Ion Ratio Lower Upper
84 100
49 138.7 110.2 165.2
51 43.7 34.1 51.1
86 69.5 52.6 78.8





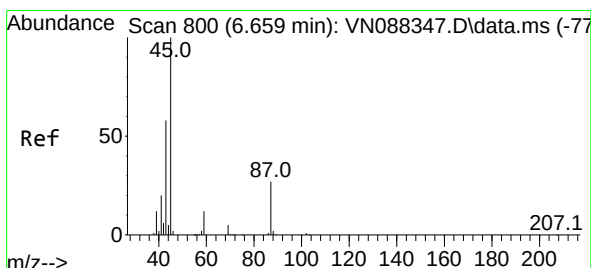
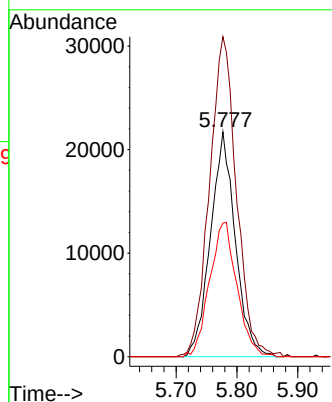
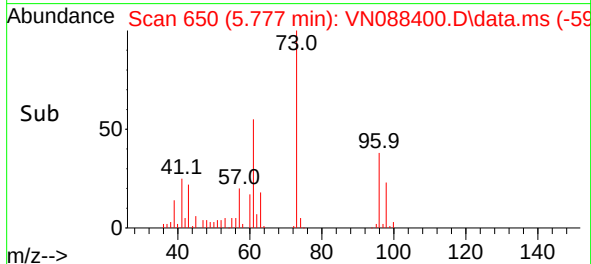
#21
trans-1,2-Dichloroethene
Concen: 18.585 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

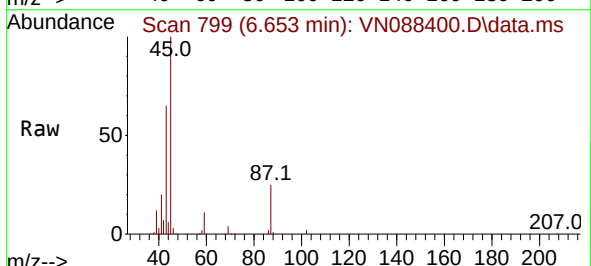


Tgt Ion: 96 Resp: 61577

Ion	Ratio	Lower	Upper
96	100		
61	141.6	122.4	183.6
98	59.4	50.9	76.3

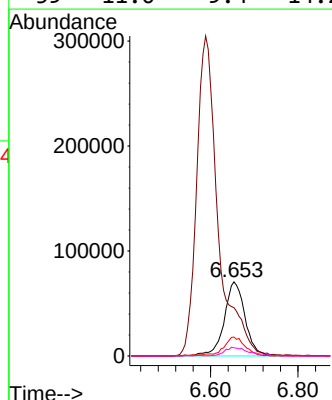
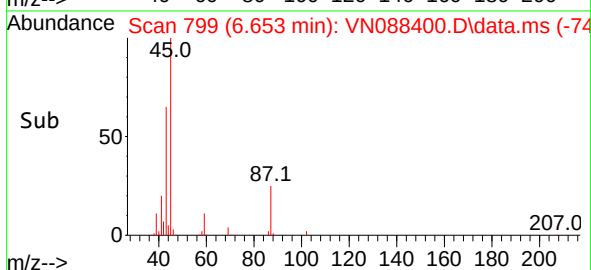


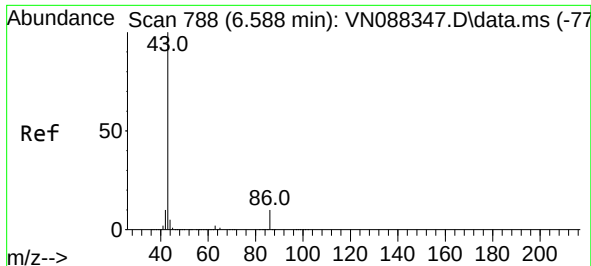
#22
Diisopropyl ether
Concen: 19.622 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



Tgt Ion: 45 Resp: 232233

Ion	Ratio	Lower	Upper
45	100		
43	63.7	47.4	71.2
87	25.2	21.9	32.9
59	11.0	9.4	14.2

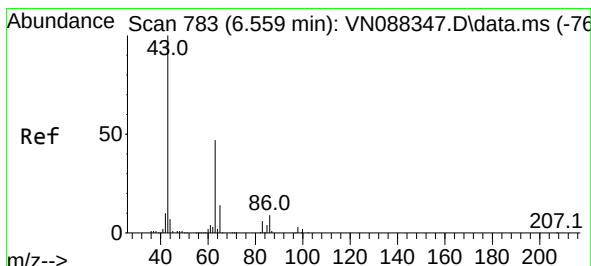
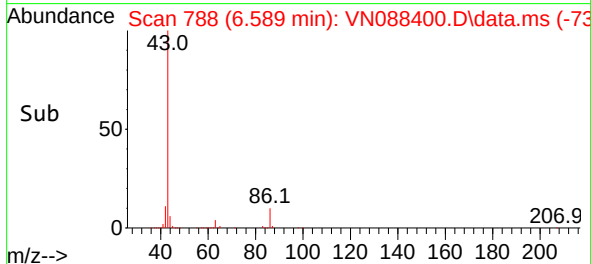
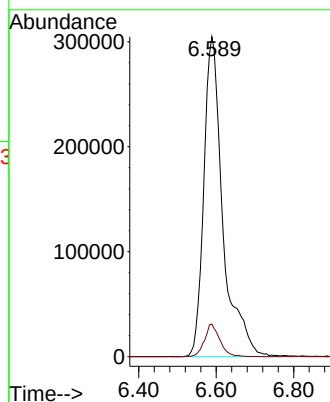
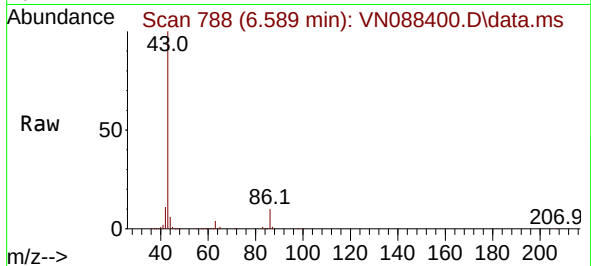




#23
 Vinyl Acetate
 Concen: 109.230 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

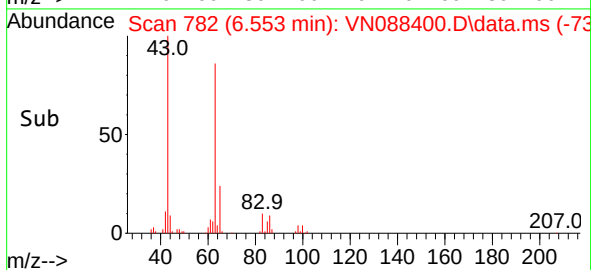
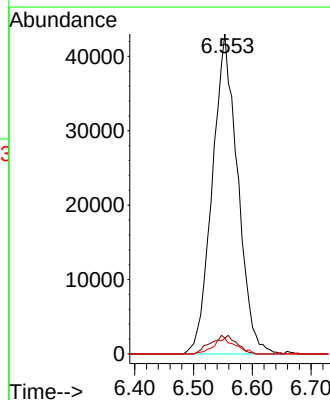
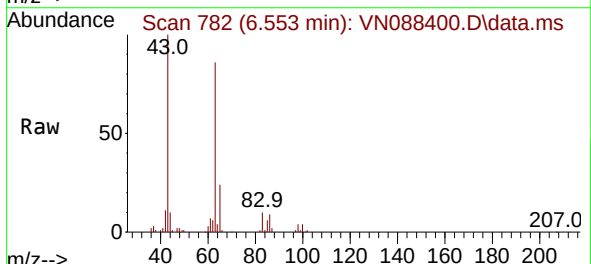
Instrument :
 MSVOA_N
 ClientSampleId :

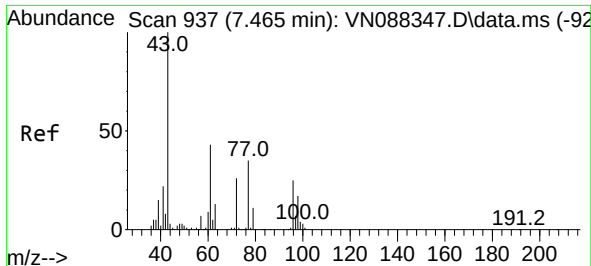
Tgt Ion: 43 Resp: 1041577
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.223 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

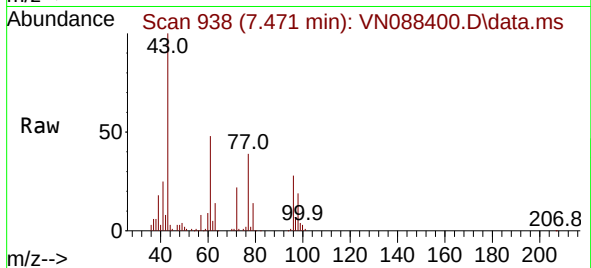
Tgt Ion: 63 Resp: 128842
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.4 10.2
 100 4.9 1.9 5.7



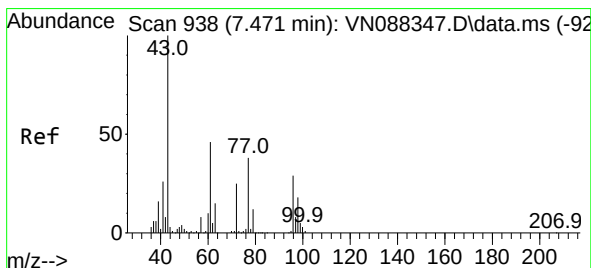
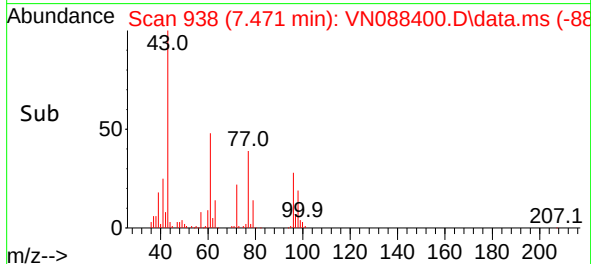
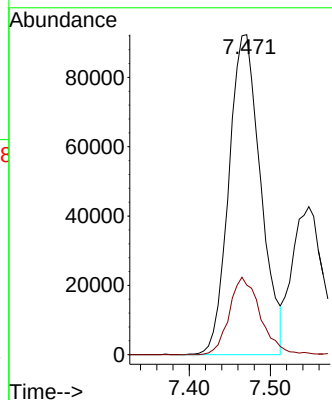


#25
2-Butanone
Concen: 93.715 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

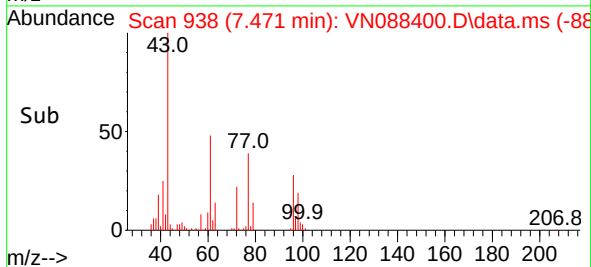
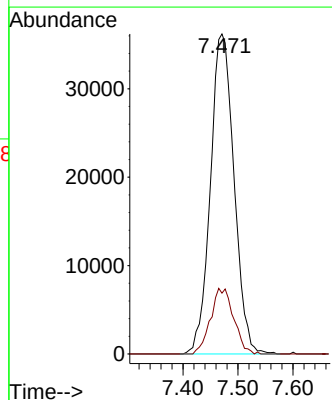
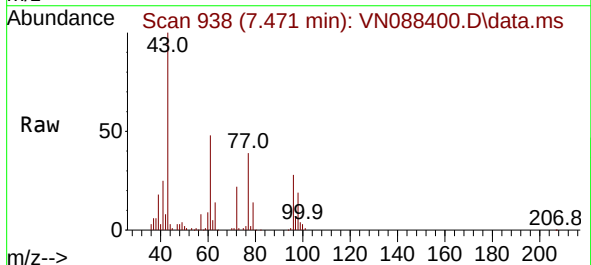


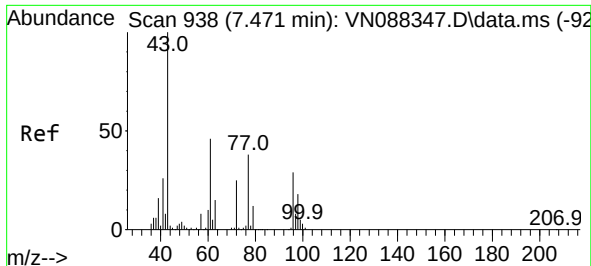
Tgt Ion: 43 Resp: 251629
Ion Ratio Lower Upper
43 100
72 21.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 18.698 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

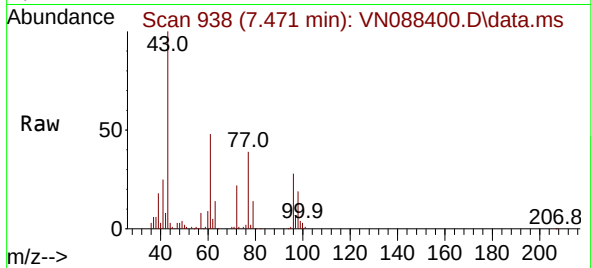
Tgt Ion: 77 Resp: 108173
Ion Ratio Lower Upper
77 100
97 20.1 10.3 30.9



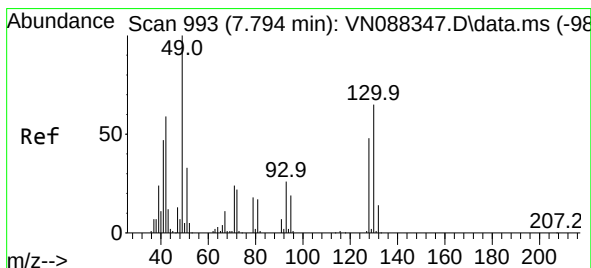
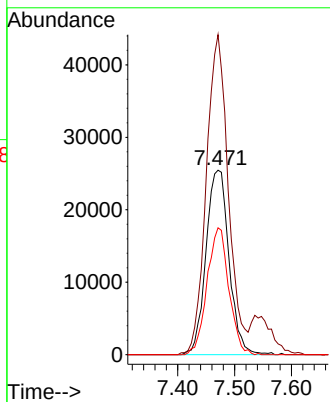
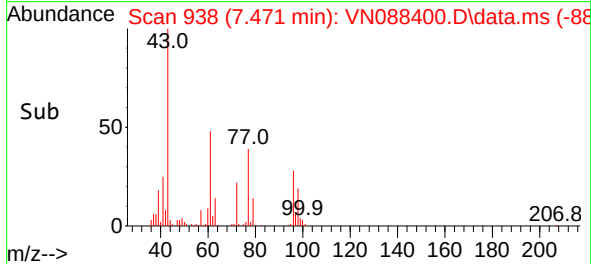


#27
 cis-1,2-Dichloroethene
 Concen: 18.601 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

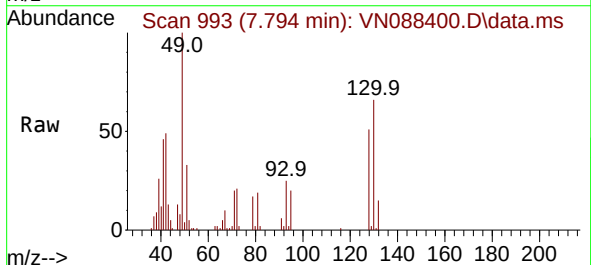
Instrument :
 MSVOA_N
 ClientSampleId :



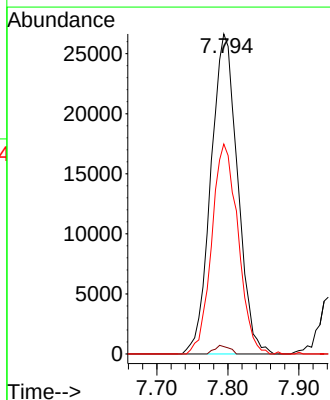
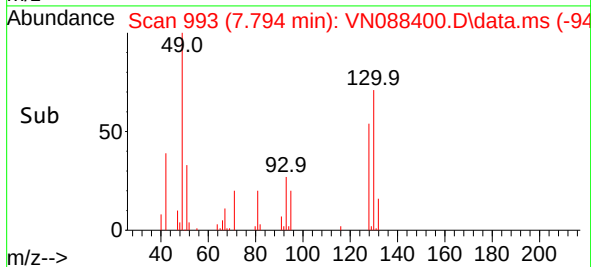
Tgt Ion: 96 Resp: 71623
 Ion Ratio Lower Upper
 96 100
 61 166.2 0.0 323.6
 98 65.2 0.0 127.2

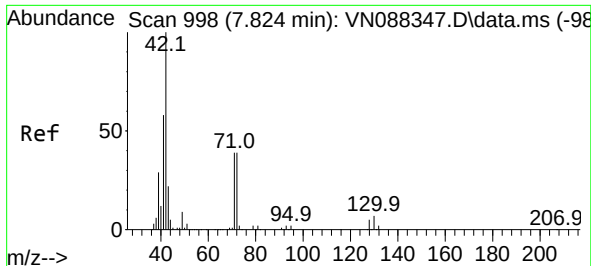


#28
 Bromochloromethane
 Concen: 20.891 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34



Tgt Ion: 49 Resp: 69751
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.6
 130 64.4 51.1 76.7





#29

Tetrahydrofuran

Concen: 92.491 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

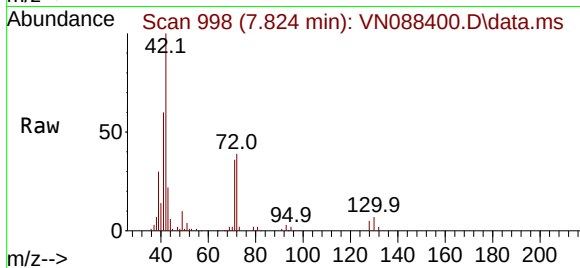
Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

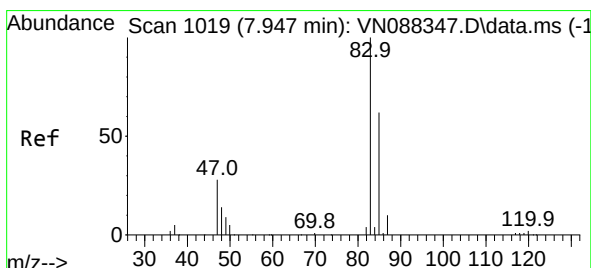
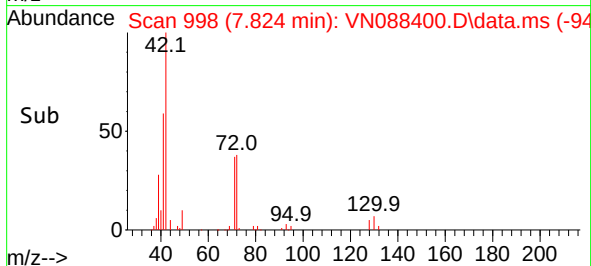
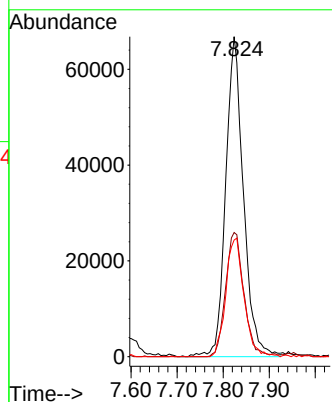
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	178128
Ion Ratio	100	Lower	Upper
72	39.9	32.2	48.4
71	38.0	31.1	46.7



#30

Chloroform

Concen: 19.663 ug/l

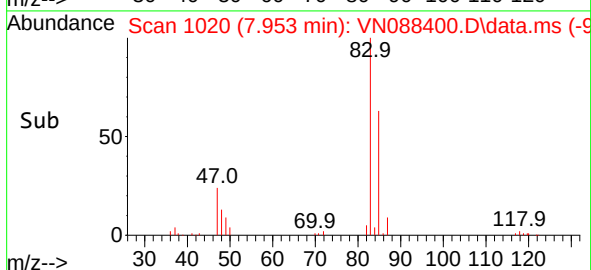
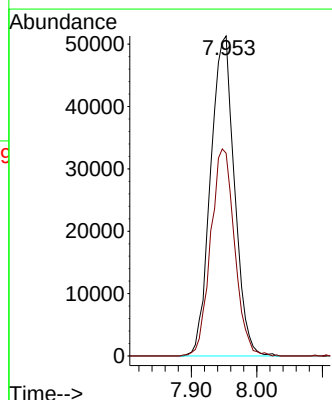
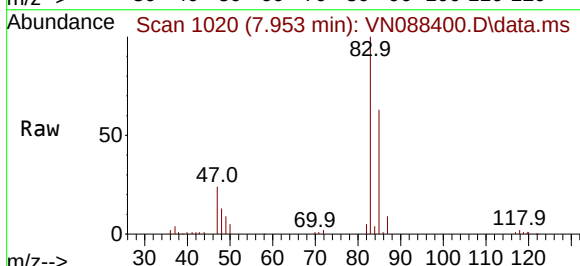
RT: 7.953 min Scan# 1020

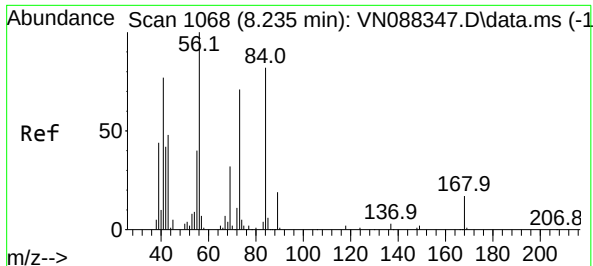
Delta R.T. 0.006 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

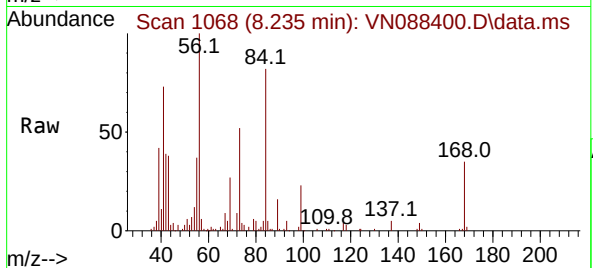
Tgt Ion:	83	Resp:	129498
Ion Ratio	100	Lower	Upper
85	63.4	49.8	74.8



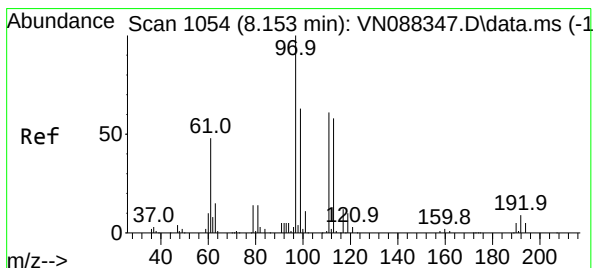
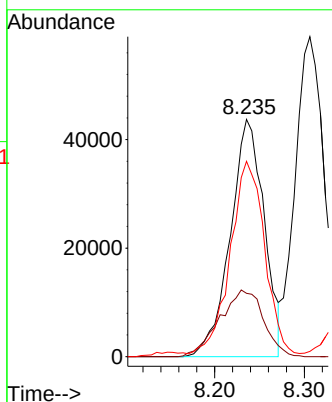
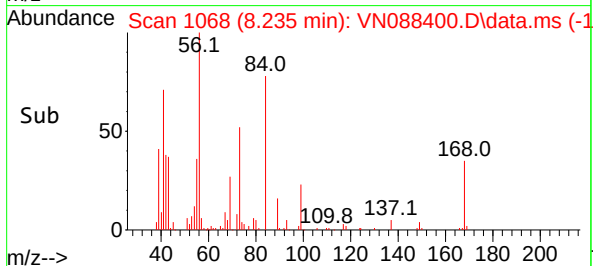


#31
Cyclohexane
Concen: 18.917 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

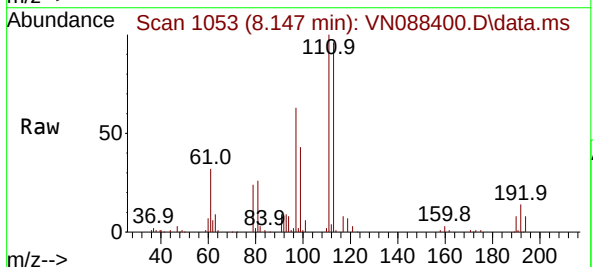
Instrument :
MSVOA_N
ClientSampleId :



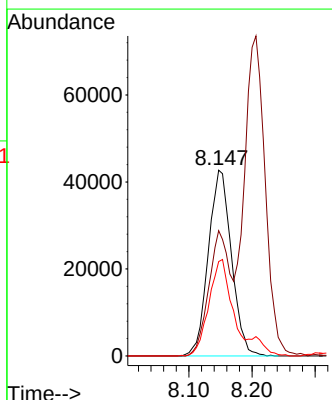
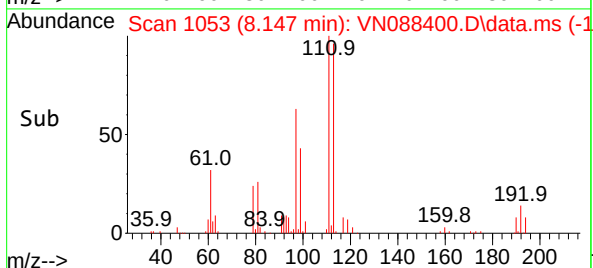
Tgt Ion: 56 Resp: 114899
Ion Ratio Lower Upper
56 100
69 26.7 25.3 37.9
84 80.8 65.4 98.2

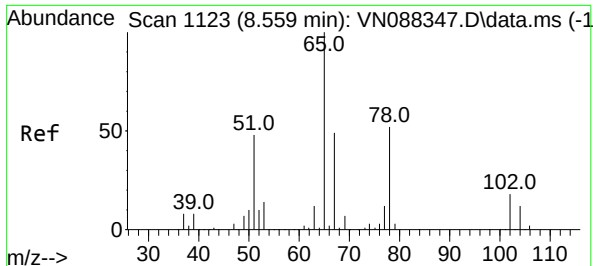


#32
1,1,1-Trichloroethane
Concen: 18.786 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



Tgt Ion: 97 Resp: 108786
Ion Ratio Lower Upper
97 100
99 62.1 50.8 76.2
61 53.6 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 52.111 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

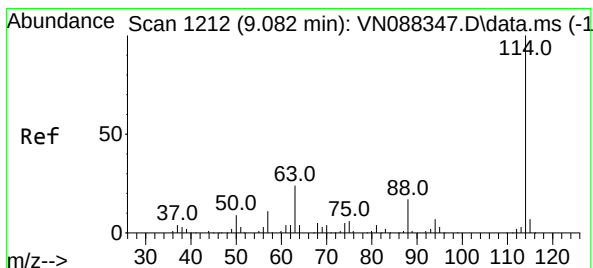
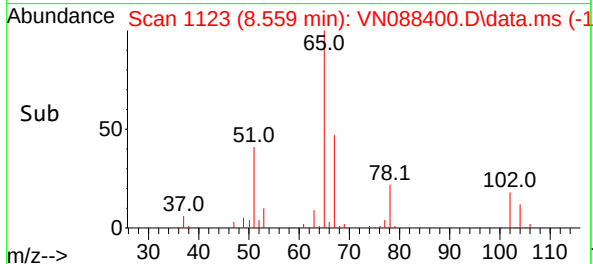
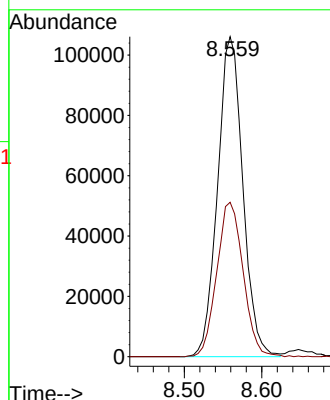
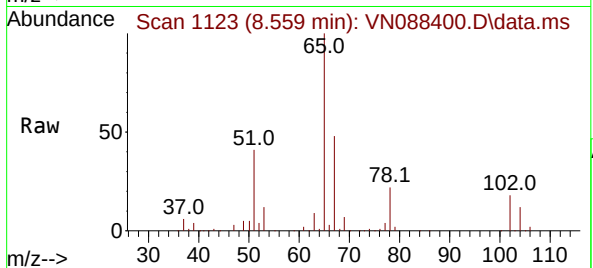
ClientSampleId :

Tgt Ion: 65 Resp: 240662

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

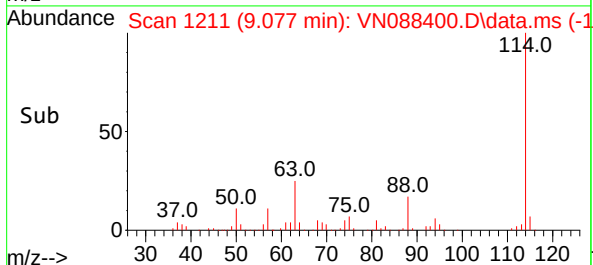
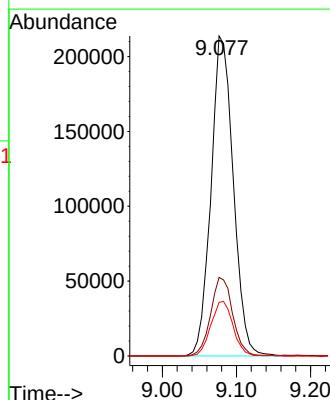
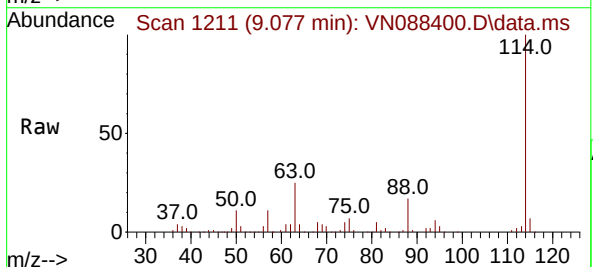
Tgt Ion: 114 Resp: 446464

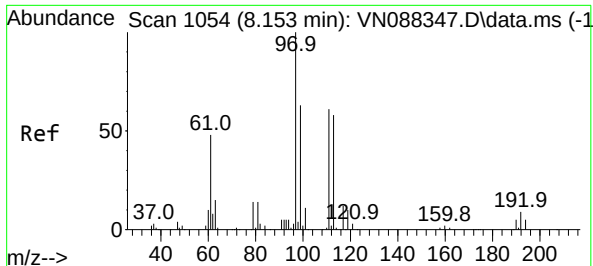
Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.0

88 16.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.098 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

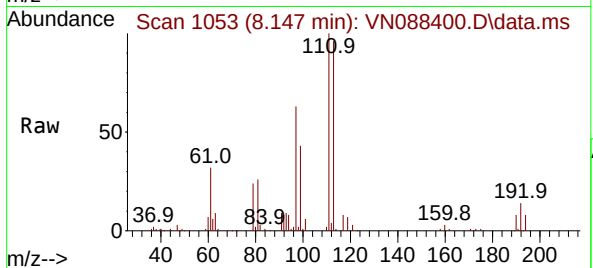
Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

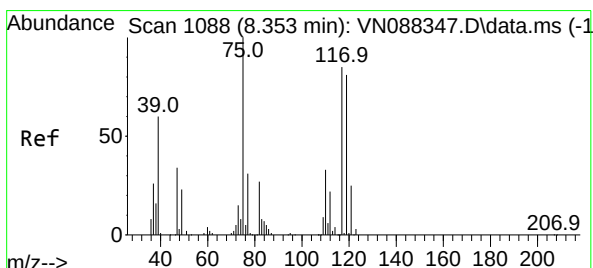
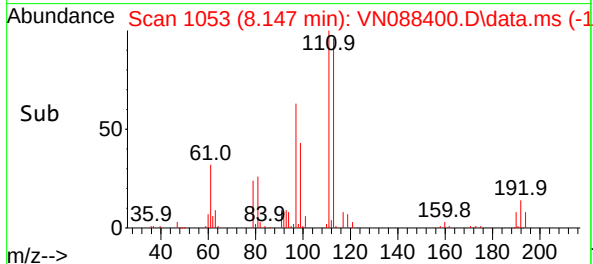
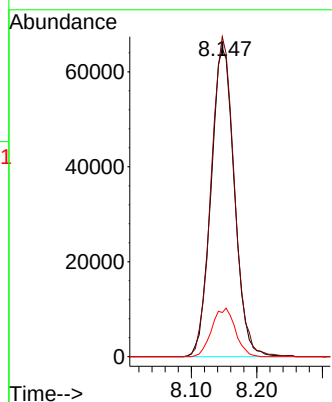
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	161190
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.5	123.7
192	15.8	12.8	19.2



#36

1,1-Dichloropropene

Concen: 18.366 ug/l

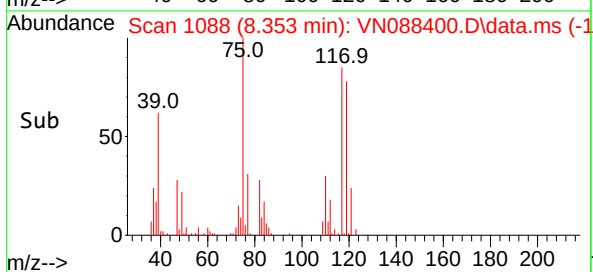
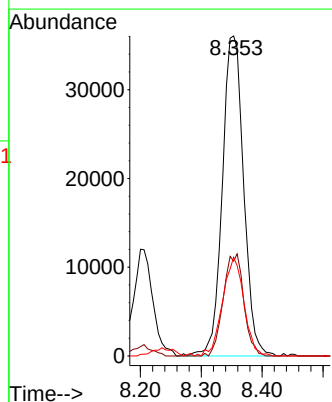
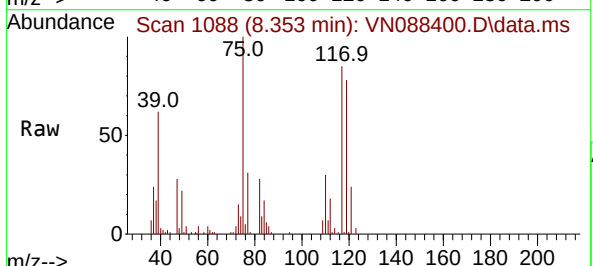
RT: 8.353 min Scan# 1088

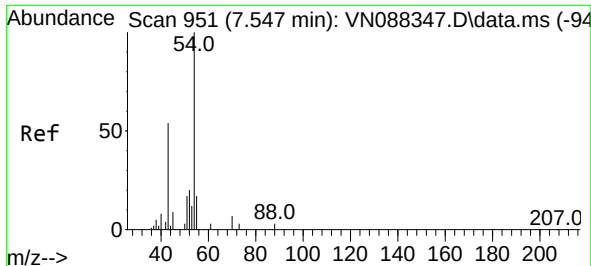
Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

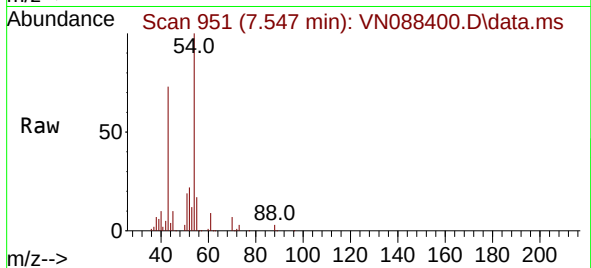
Tgt Ion:	75	Resp:	87696
Ion	Ratio	Lower	Upper
75	100		
110	30.6	15.8	47.4
77	30.9	24.2	36.2



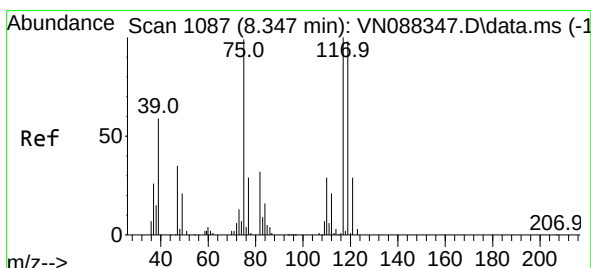
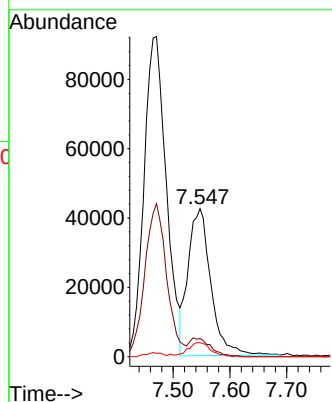
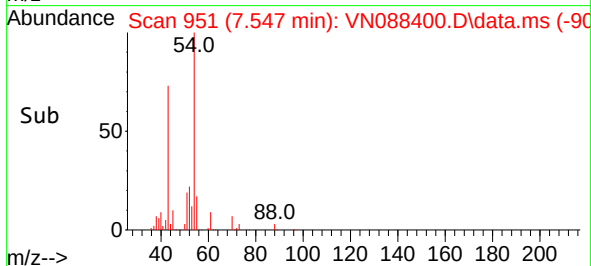


#37
Ethyl Acetate
Concen: 18.844 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

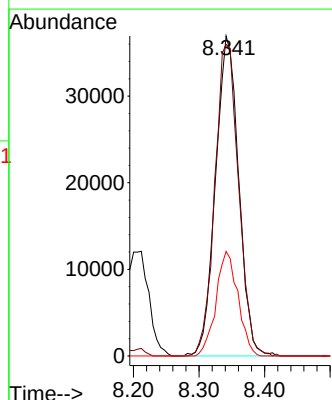
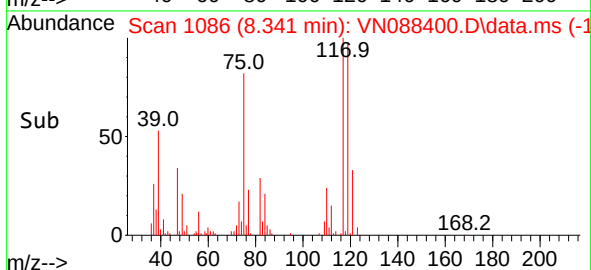
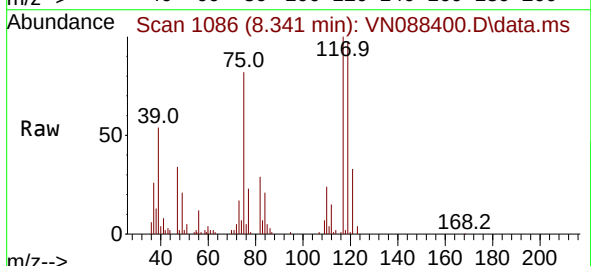


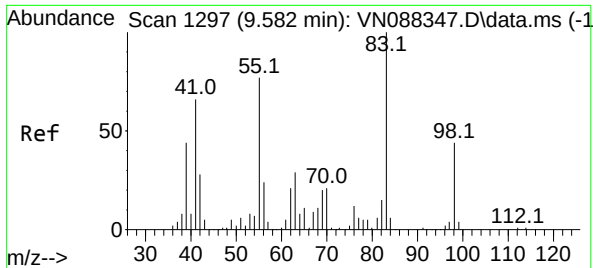
Tgt Ion: 43 Resp: 118314
Ion Ratio Lower Upper
43 100
61 11.6 9.5 14.3
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.050 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 117 Resp: 90553
Ion Ratio Lower Upper
117 100
119 97.3 78.2 117.4
121 32.6 23.4 35.2





#39

Methylcyclohexane

Concen: 17.874 ug/l

RT: 9.577 min Scan# 11293

Delta R.T. -0.006 min

Lab File: VN088400.D

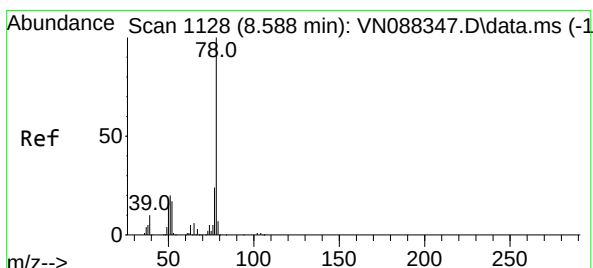
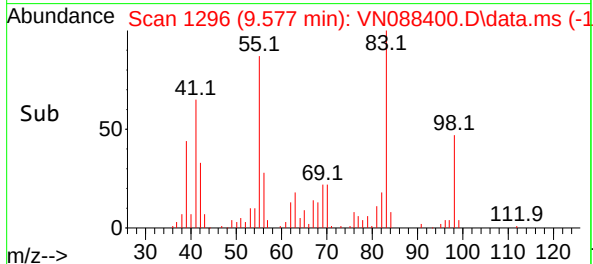
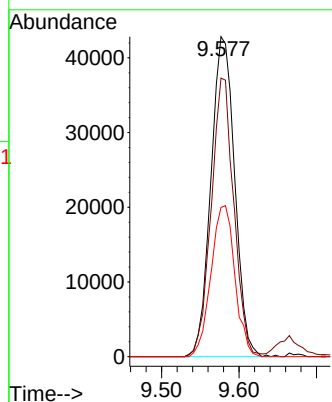
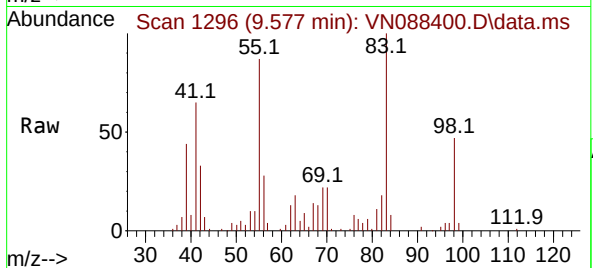
Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 91293
Ion Ratio	Lower Upper
83	100
55	87.1 61.6 92.4
98	46.7 35.3 52.9



#40

Benzene

Concen: 18.666 ug/l

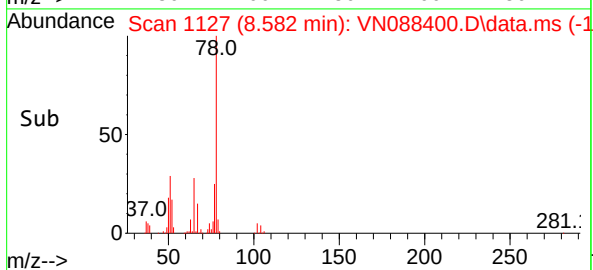
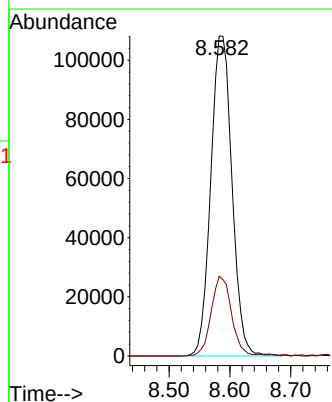
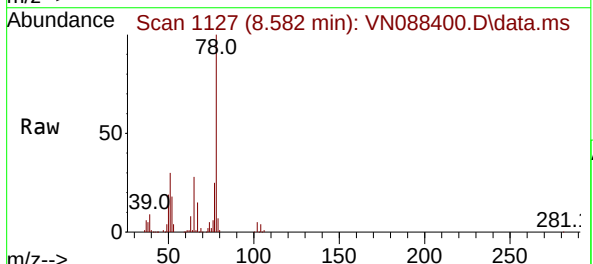
RT: 8.582 min Scan# 1127

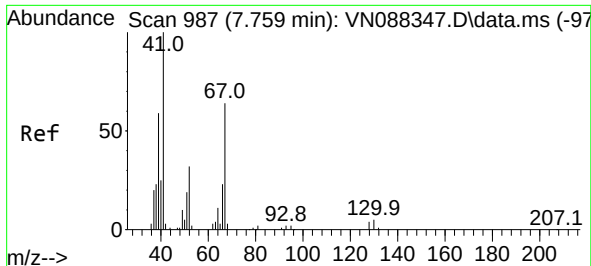
Delta R.T. -0.006 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

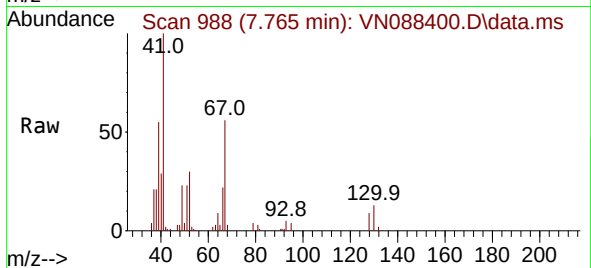
Tgt Ion: 78	Resp: 261591
Ion Ratio	Lower Upper
78	100
77	24.9 19.0 28.4



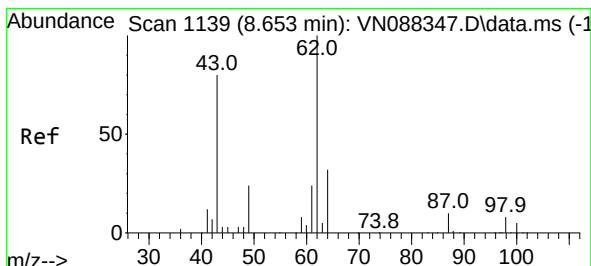
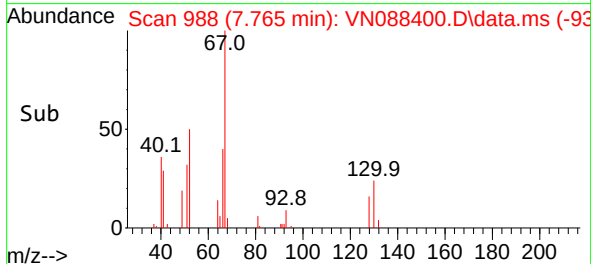
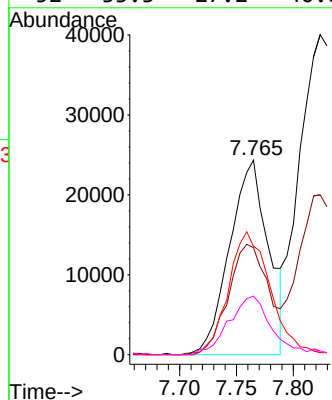


#41
Methacrylonitrile
Concen: 18.619 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

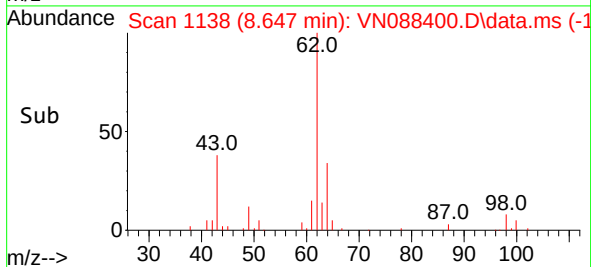
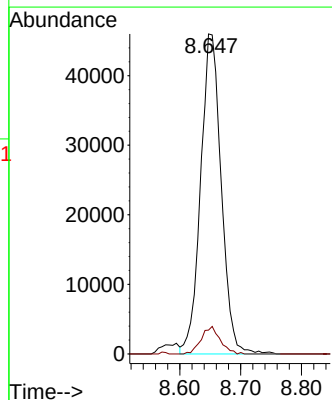
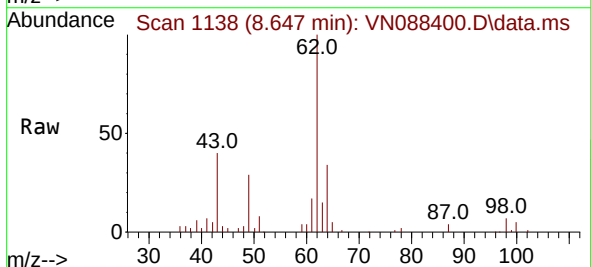


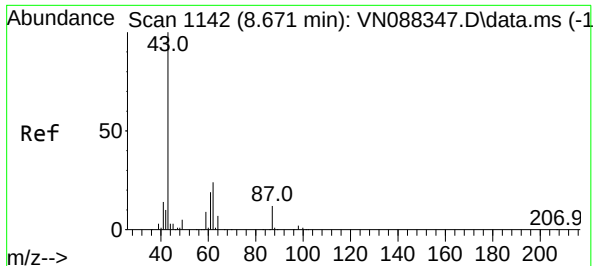
Tgt Ion: 41	Resp: 57900
Ion Ratio	Lower Upper
41 100	
39 59.2	46.3 69.5
67 68.4	54.7 82.1
52 33.3	27.2 40.8



#42
1,2-Dichloroethane
Concen: 20.268 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

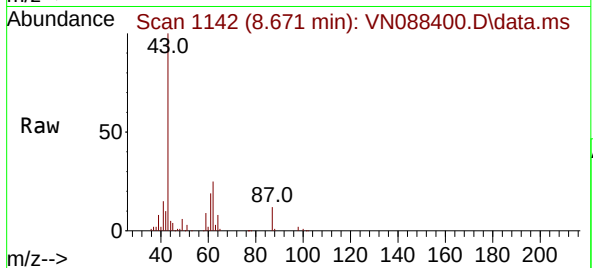
Tgt Ion: 62	Resp: 108373
Ion Ratio	Lower Upper
62 100	
98 7.9	0.0 16.2



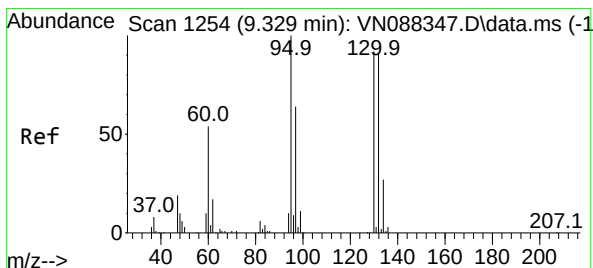
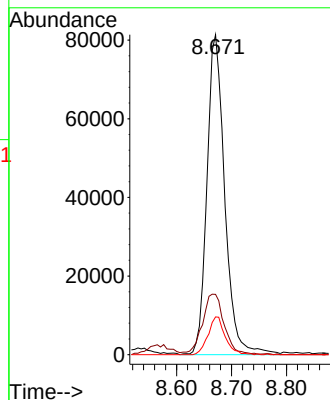
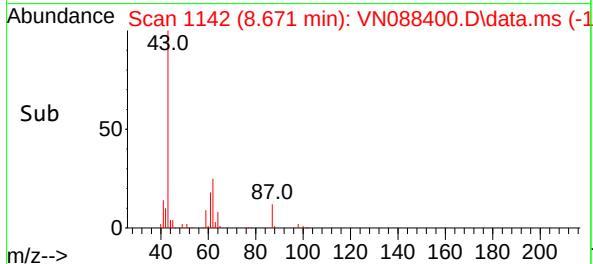


#43
Isopropyl Acetate
Concen: 19.084 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

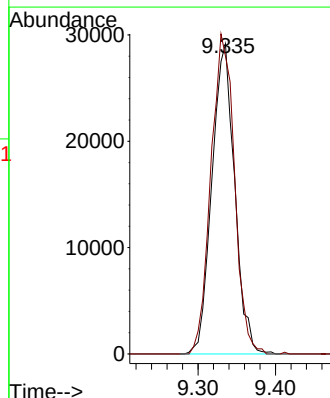
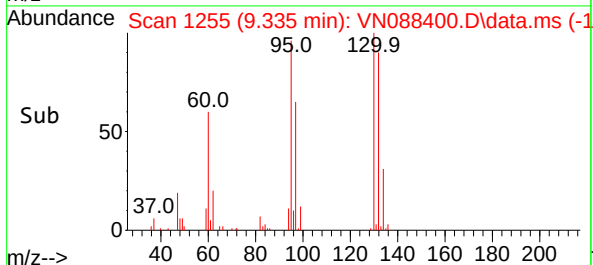
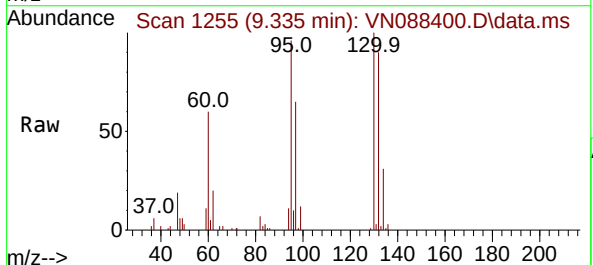


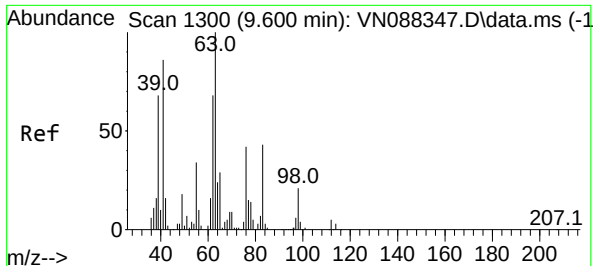
Tgt Ion: 43 Resp: 183066
Ion Ratio Lower Upper
43 100
61 22.4 18.7 28.1
87 11.4 9.1 13.7



#44
Trichloroethene
Concen: 17.917 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion:130 Resp: 59332
Ion Ratio Lower Upper
130 100
95 96.0 0.0 217.0





#45

1,2-Dichloropropane

Concen: 19.062 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

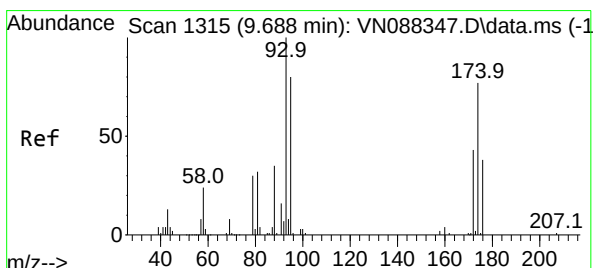
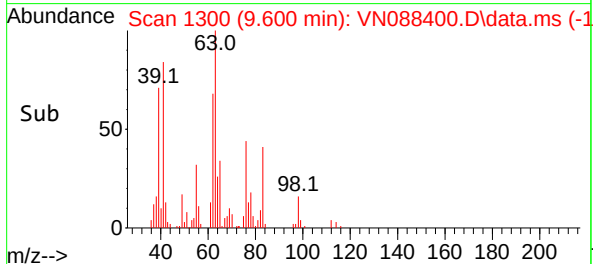
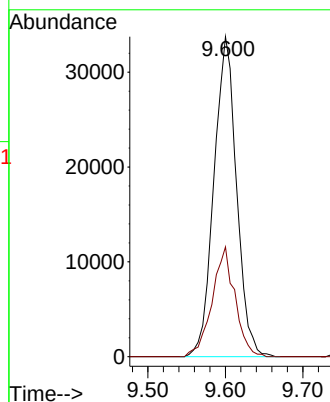
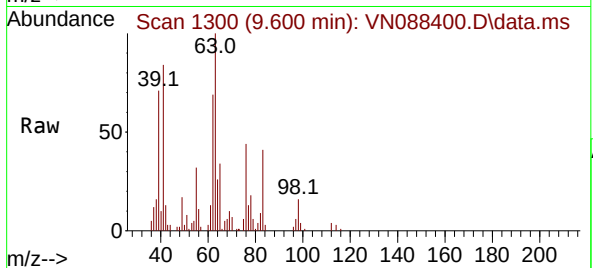
ClientSampleId :

Tgt Ion: 63 Resp: 68444

Ion Ratio Lower Upper

63 100

65 34.3 23.0 34.4



#46

Dibromomethane

Concen: 19.805 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

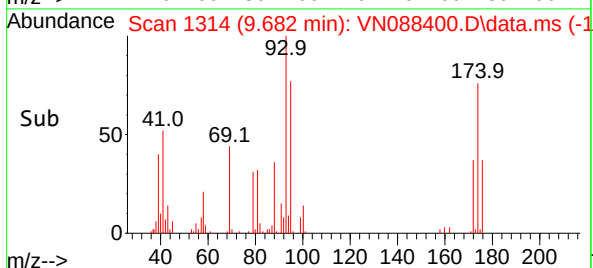
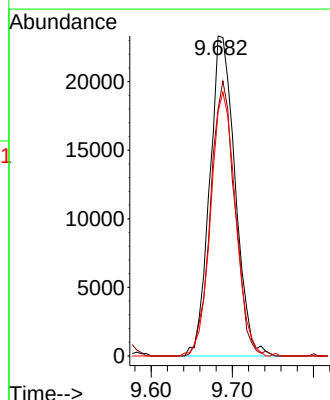
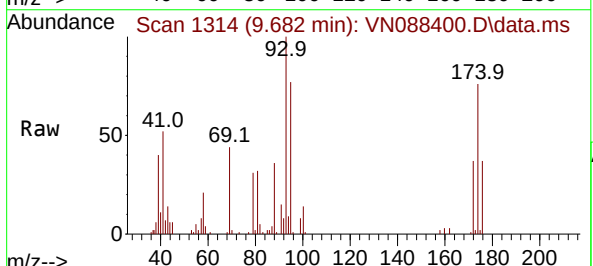
Tgt Ion: 93 Resp: 50750

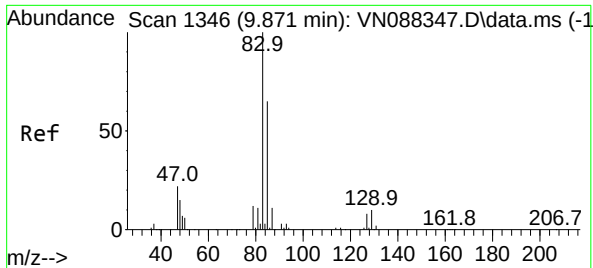
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

174 80.7 64.3 96.5

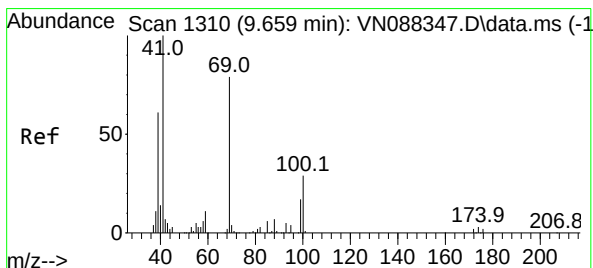
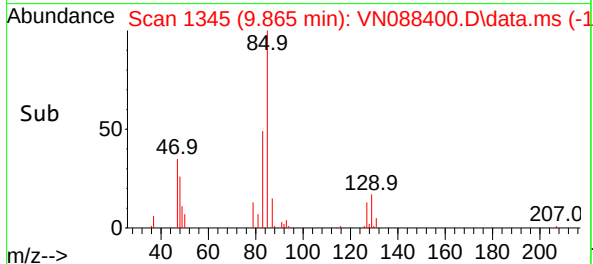
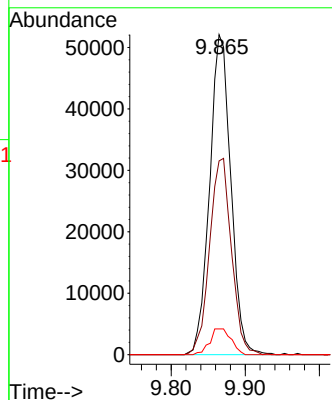
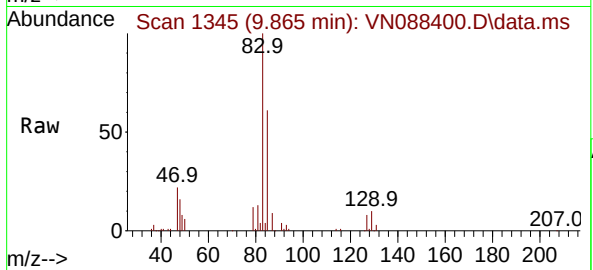




#47
Bromodichloromethane
Concen: 19.797 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

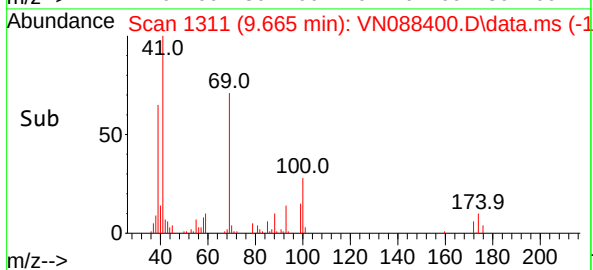
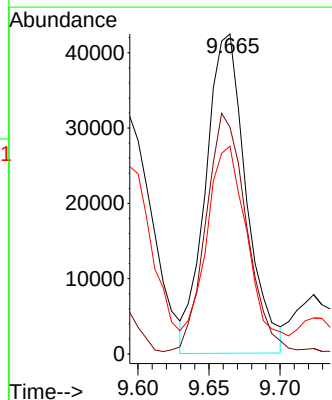
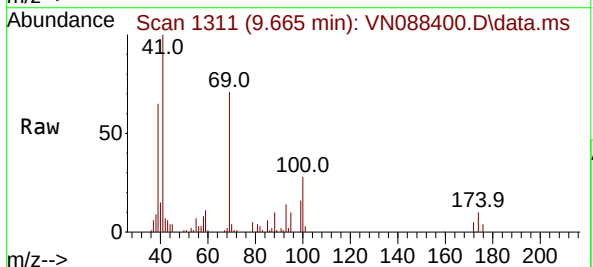
Instrument :
MSVOA_N
ClientSampleId :

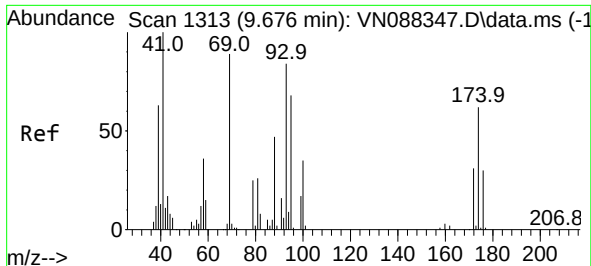
Tgt Ion: 83 Resp: 103508
Ion Ratio Lower Upper
83 100
85 60.5 51.9 77.9
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 19.207 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 41 Resp: 84066
Ion Ratio Lower Upper
41 100
69 75.9 62.4 93.6
39 68.6 52.6 79.0





#49

1,4-Dioxane

Concen: 343.156 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

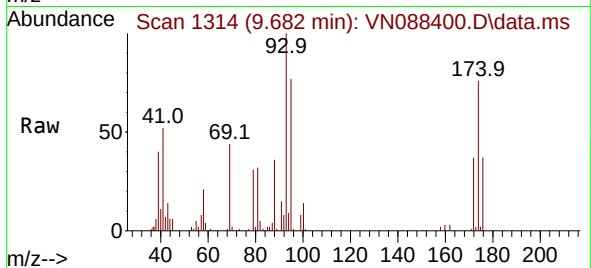
Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :



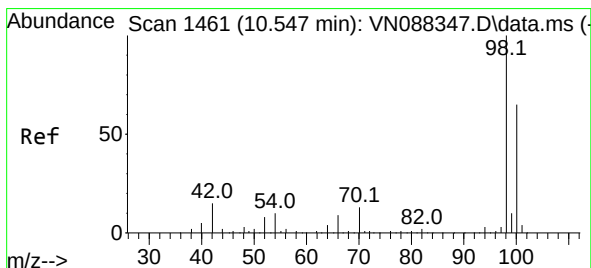
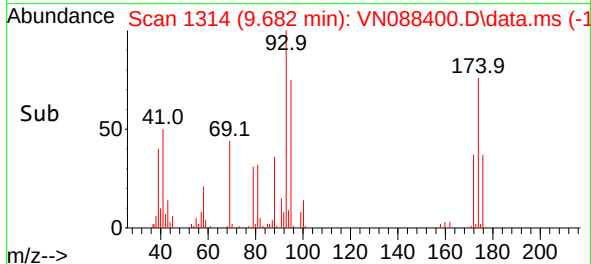
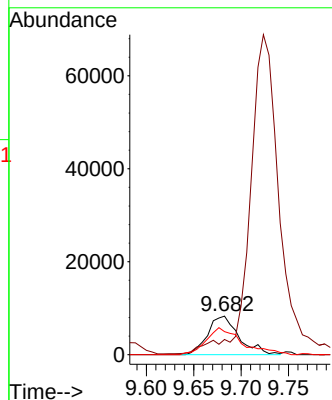
Tgt Ion: 88 Resp: 19101

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 79.4 62.0 93.0



#50

Toluene-d8

Concen: 50.457 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088400.D

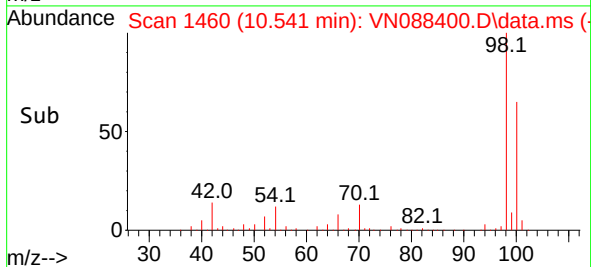
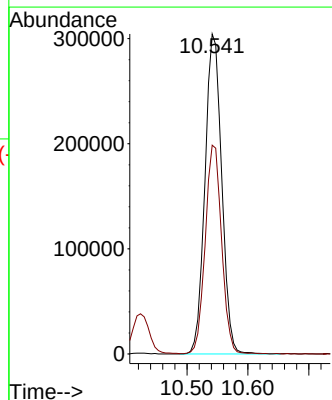
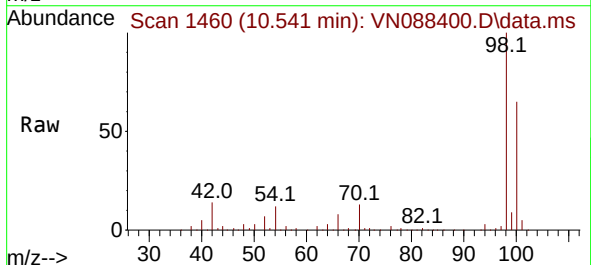
Acq: 02 Dec 2025 11:34

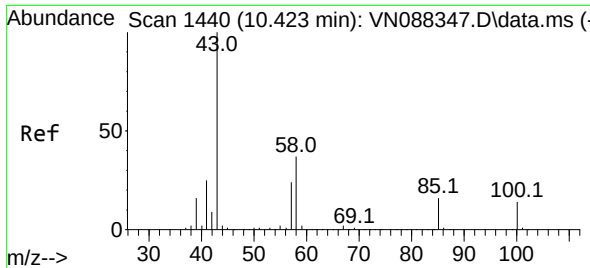
Tgt Ion: 98 Resp: 580861

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2

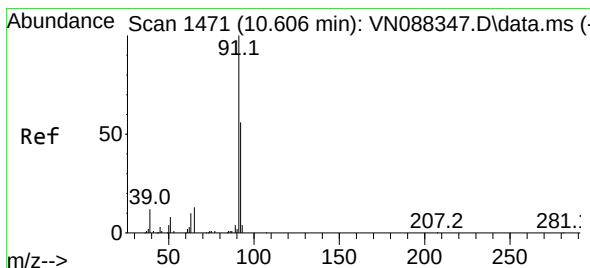
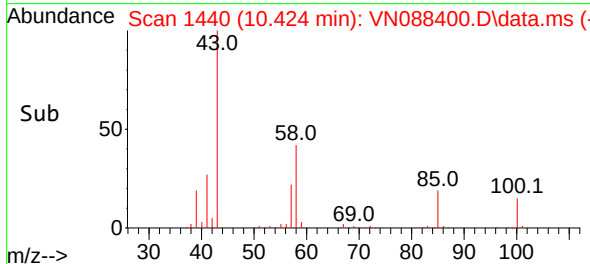
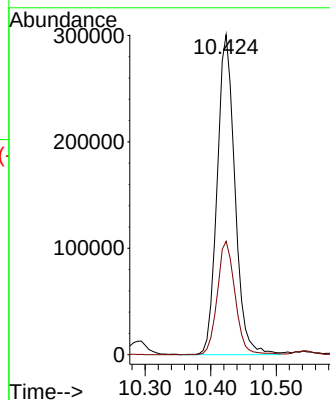
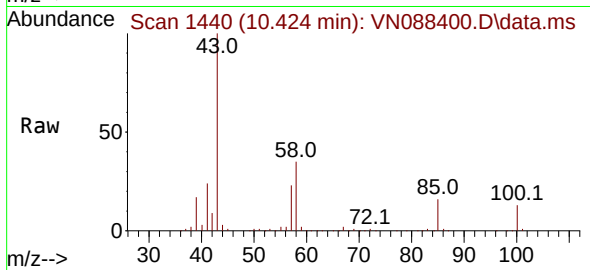




#51
4-Methyl-2-Pentanone
Concen: 99.609 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

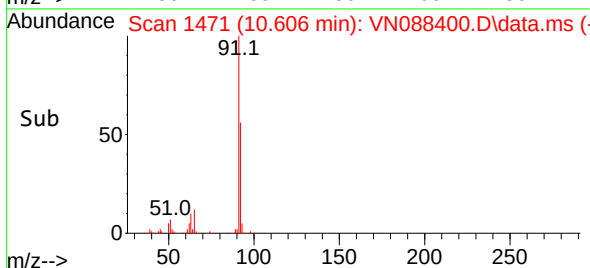
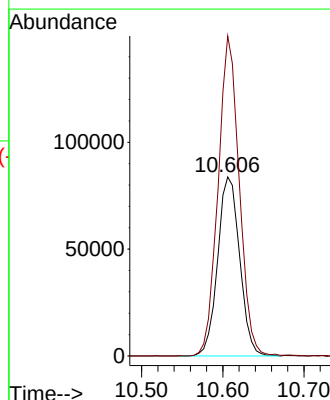
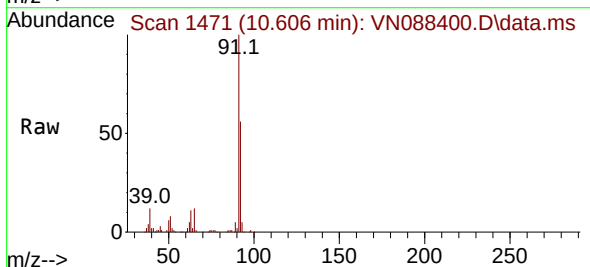
Instrument :
MSVOA_N
ClientSampleId :

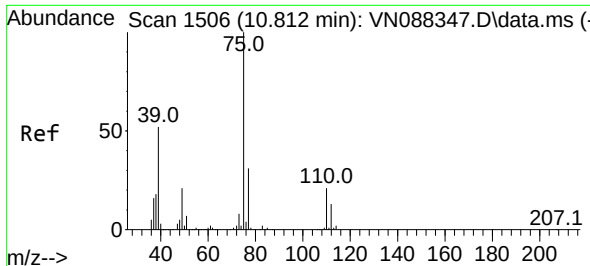
Tgt Ion: 43 Resp: 563219
Ion Ratio Lower Upper
43 100
58 35.6 29.1 43.7



#52
Toluene
Concen: 19.495 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 92 Resp: 157757
Ion Ratio Lower Upper
92 100
91 172.4 140.2 210.2

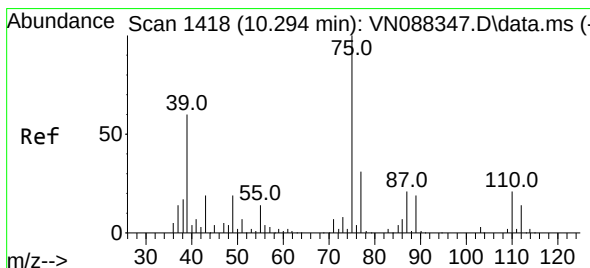
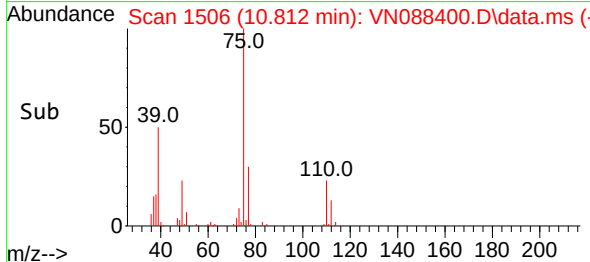
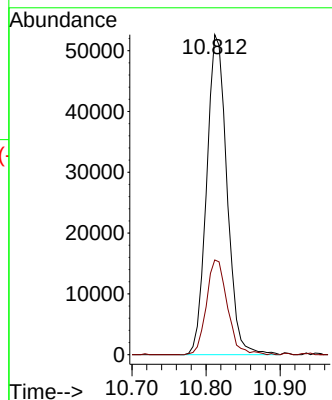
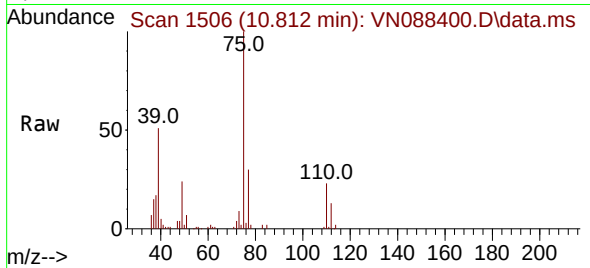




#53
t-1,3-Dichloropropene
Concen: 18.659 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

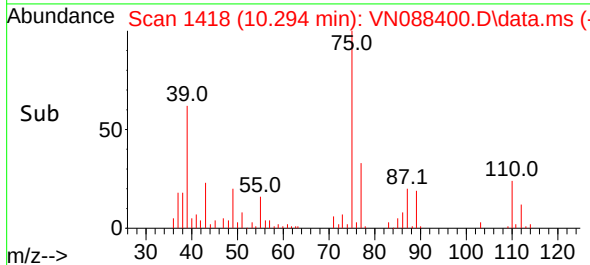
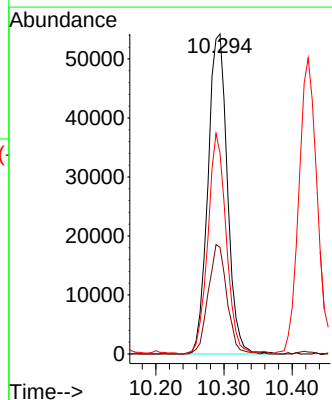
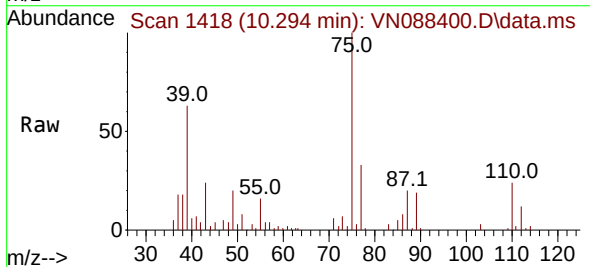
Instrument :
MSVOA_N
ClientSampleId :

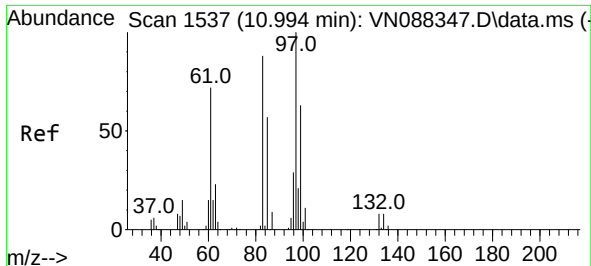
Tgt Ion: 75 Resp: 100141
Ion Ratio Lower Upper
75 100
77 29.6 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 19.049 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

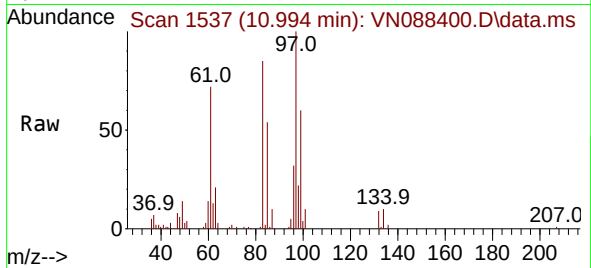
Tgt Ion: 75 Resp: 107513
Ion Ratio Lower Upper
75 100
77 33.3 24.5 36.7
39 62.6 48.3 72.5



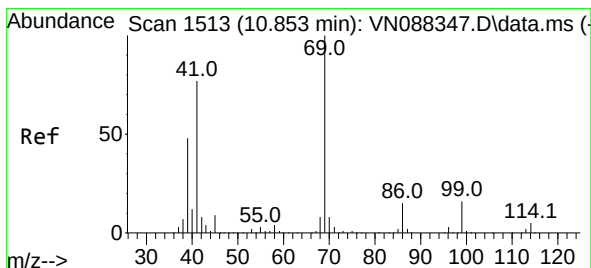
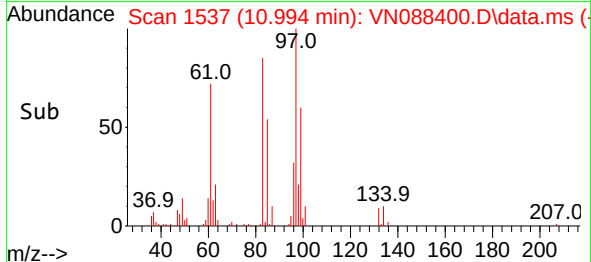
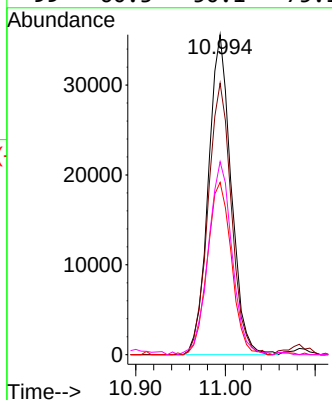


#55
1,1,2-Trichloroethane
Concen: 20.113 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

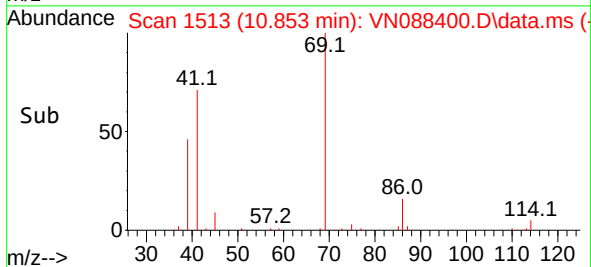
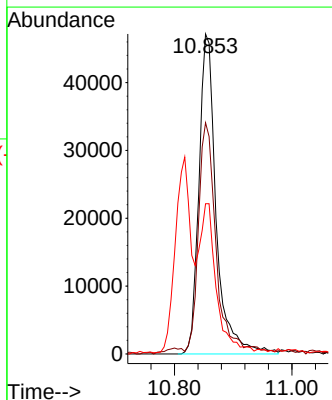
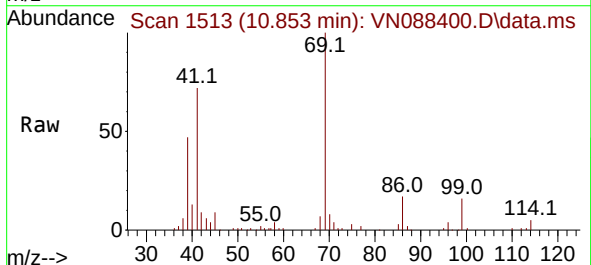


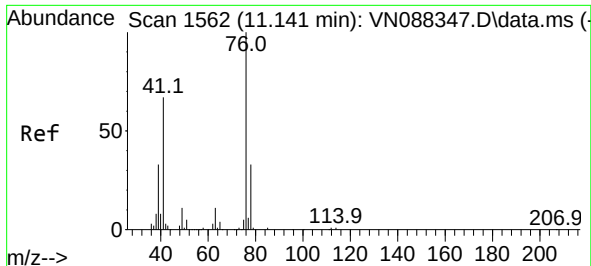
Tgt Ion: 97	Resp: 62971
Ion Ratio	Lower Upper
97 100	
83 84.8	70.4 105.6
85 53.3	45.4 68.2
99 60.3	50.1 75.1



#56
Ethyl methacrylate
Concen: 19.511 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 69	Resp: 96496
Ion Ratio	Lower Upper
69 100	
41 70.9	59.6 89.4
39 43.4	36.4 54.6





#57

1,3-Dichloropropane

Concen: 19.334 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

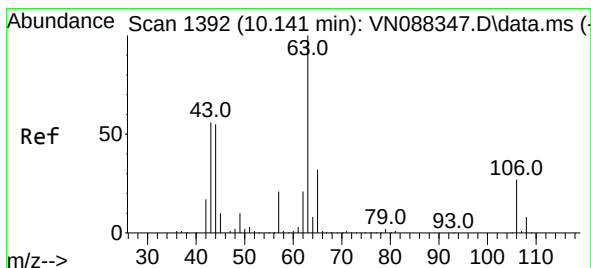
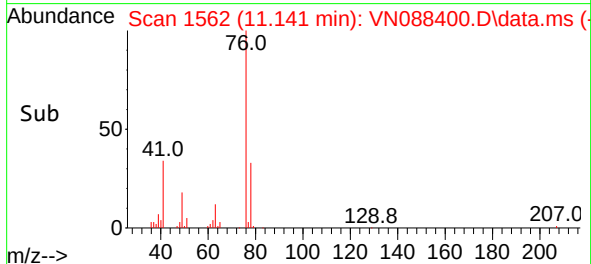
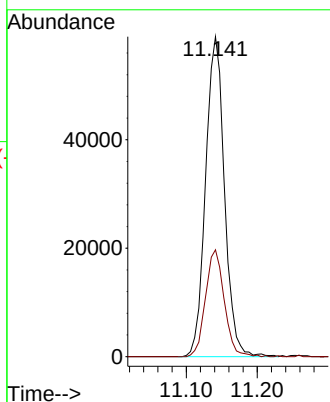
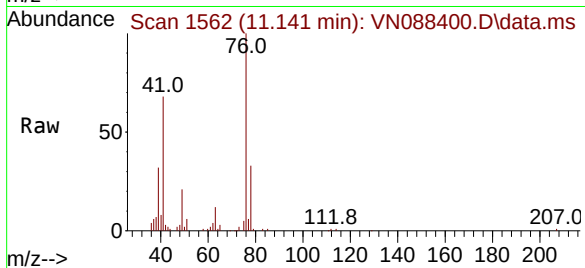
ClientSampleId :

Tgt Ion: 76 Resp: 109205

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.419 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088400.D

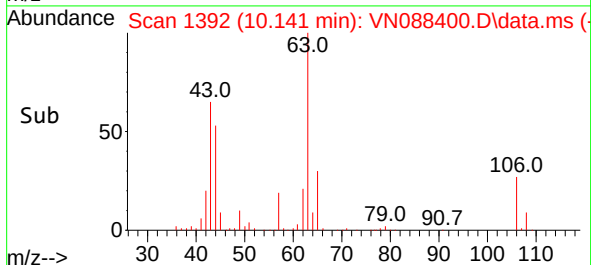
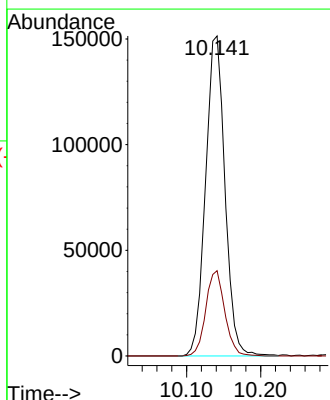
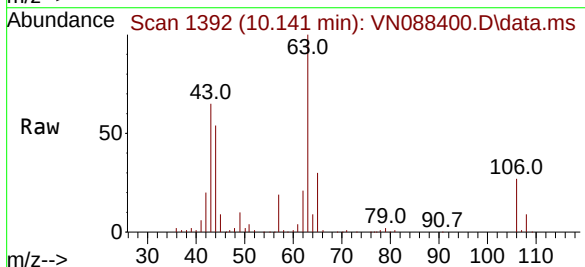
Acq: 02 Dec 2025 11:34

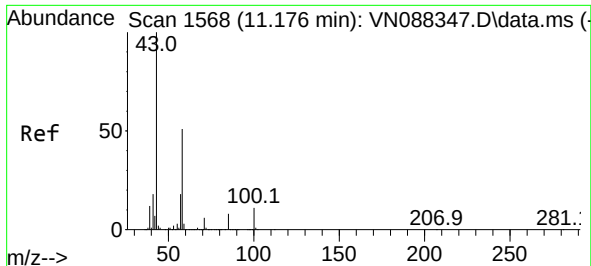
Tgt Ion: 63 Resp: 274912

Ion Ratio Lower Upper

63 100

106 26.1 20.5 30.7

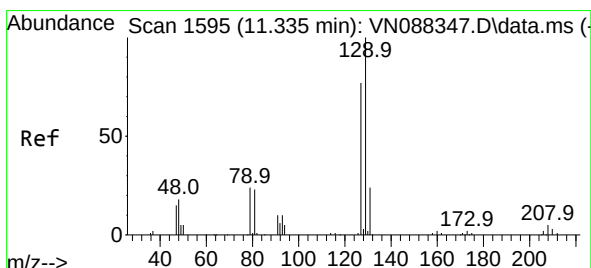
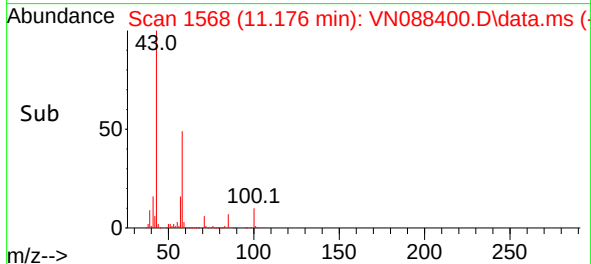
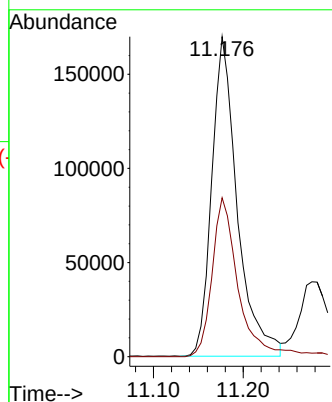
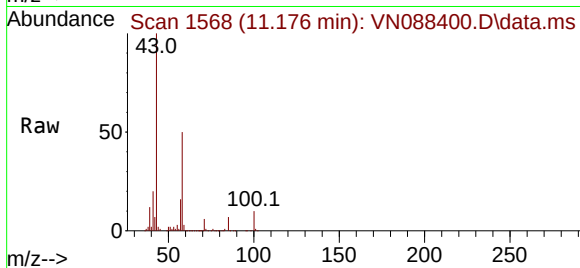




#59
2-Hexanone
Concen: 93.936 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

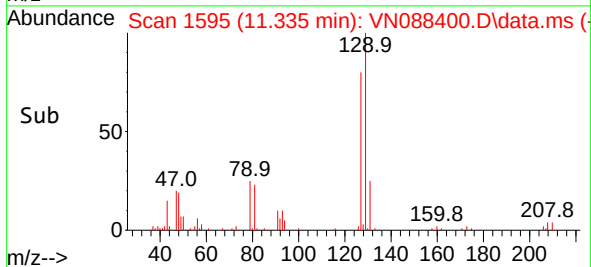
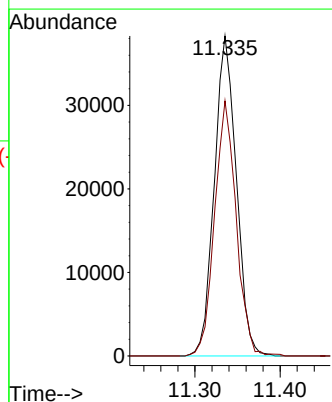
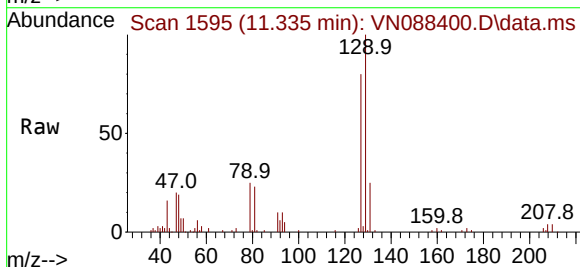
Instrument :
MSVOA_N
ClientSampleId :

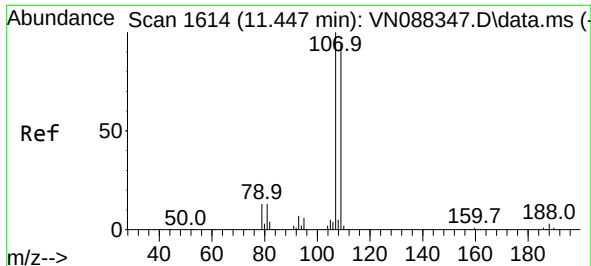
Tgt Ion: 43 Resp: 334598
Ion Ratio Lower Upper
43 100
58 52.6 25.3 75.9



#60
Dibromochloromethane
Concen: 19.277 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 129 Resp: 68805
Ion Ratio Lower Upper
129 100
127 78.4 38.2 114.6

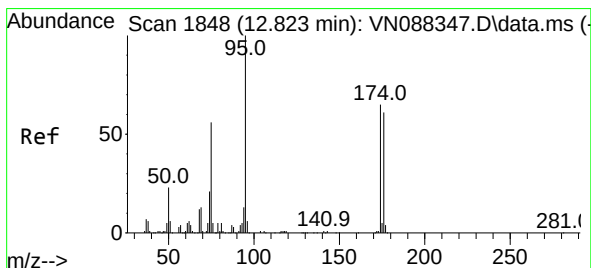
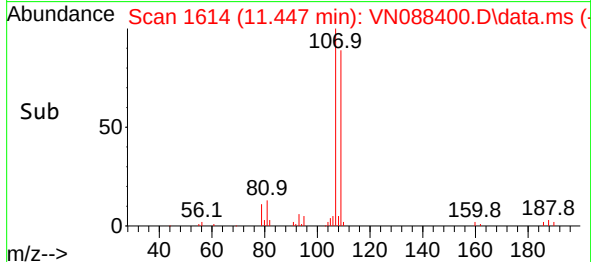
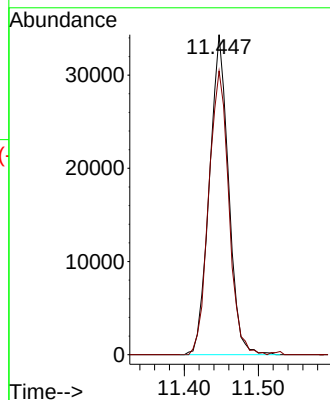
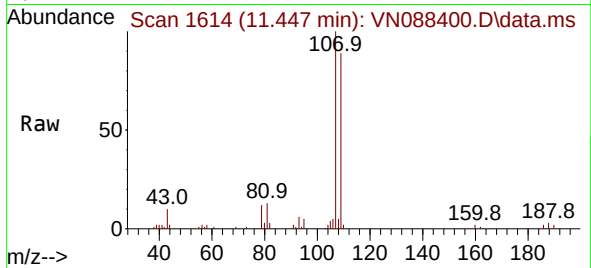




#61
1,2-Dibromoethane
Concen: 19.472 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

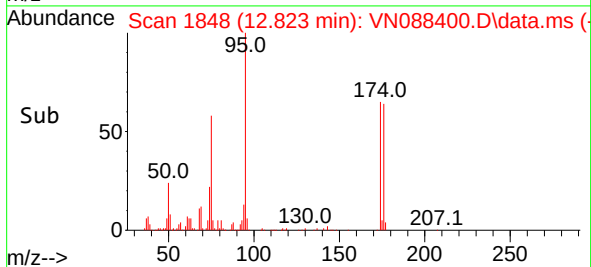
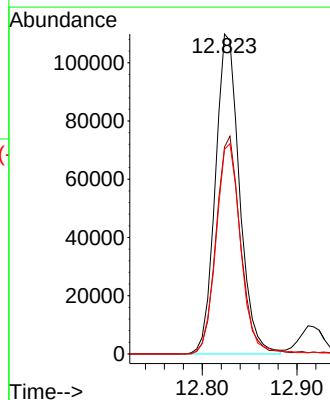
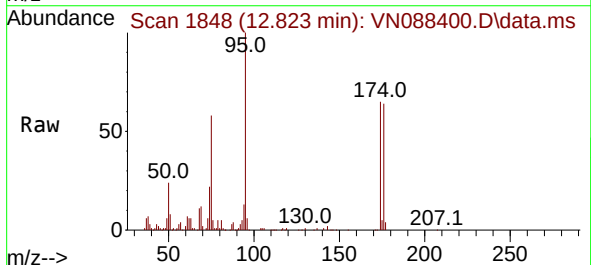
Instrument :
MSVOA_N
ClientSampleId :

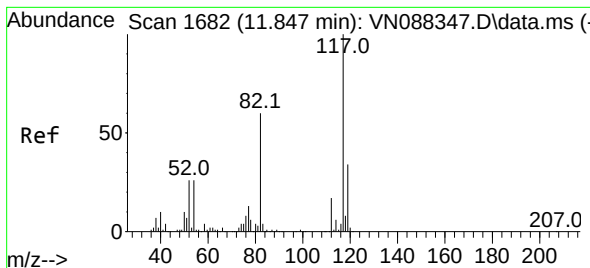
Tgt Ion:107 Resp: 61736
Ion Ratio Lower Upper
107 100
109 93.1 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 49.345 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 95 Resp: 194910
Ion Ratio Lower Upper
95 100
174 68.6 0.0 139.0
176 67.2 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: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

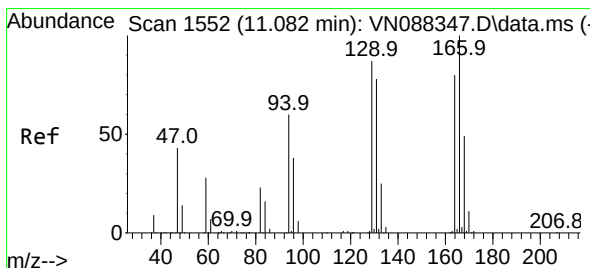
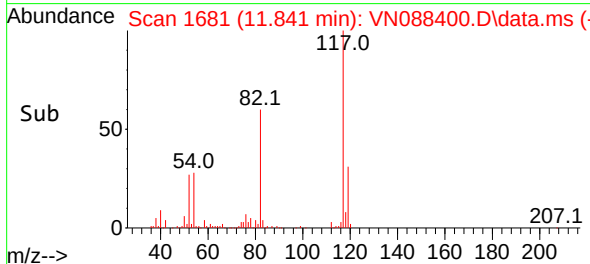
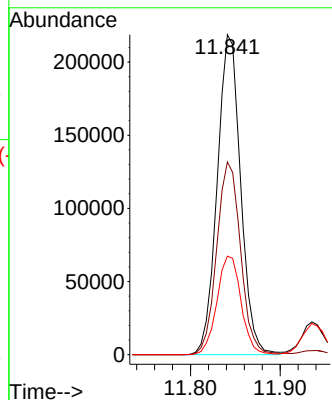
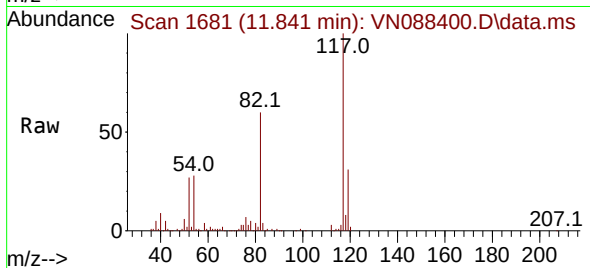
Tgt Ion:117 Resp: 396309

Ion Ratio Lower Upper

117 100

82 60.3 47.8 71.8

119 30.8 26.9 40.3



#64

Tetrachloroethene

Concen: 16.603 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Tgt Ion:164 Resp: 52163

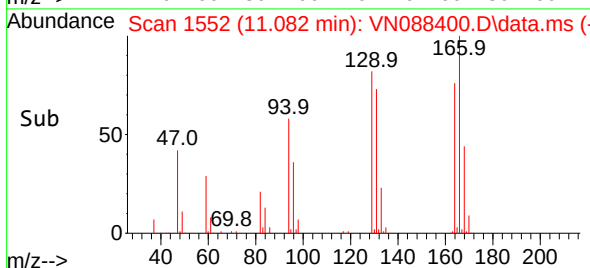
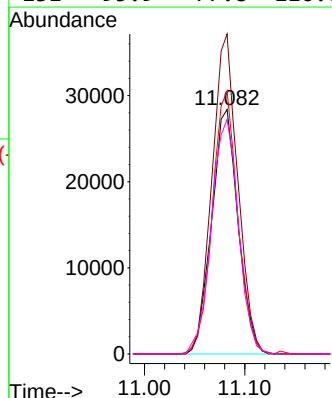
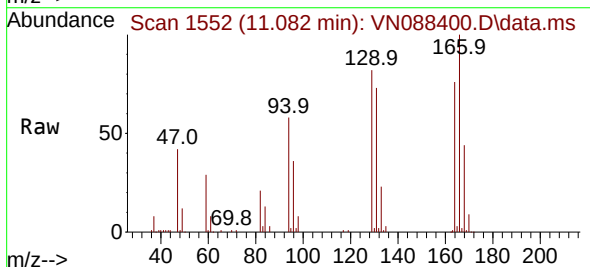
Ion Ratio Lower Upper

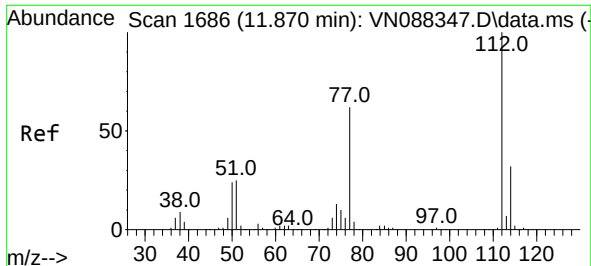
164 100

166 130.8 99.6 149.4

129 107.6 86.6 129.8

131 95.9 77.8 116.6

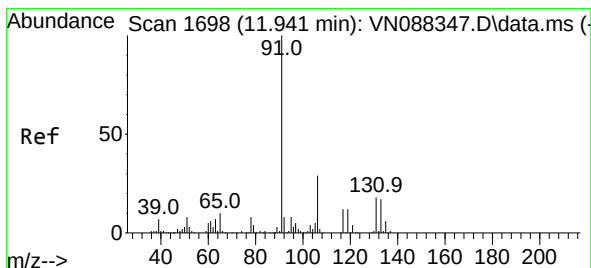
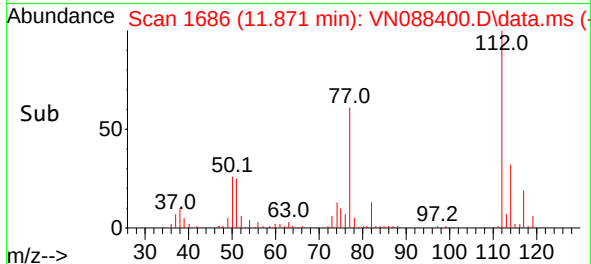
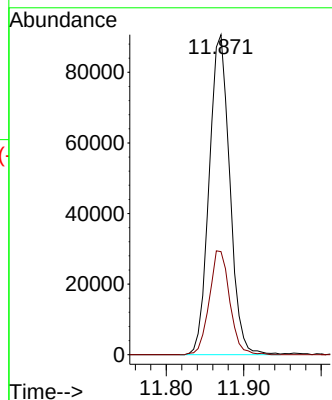
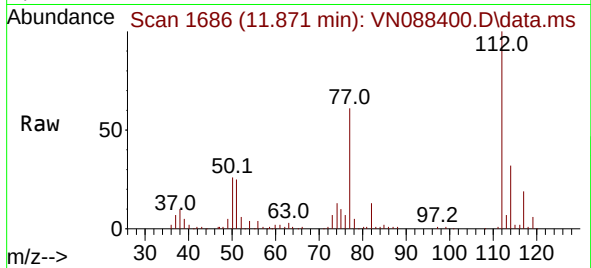




#65
Chlorobenzene
Concen: 18.836 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

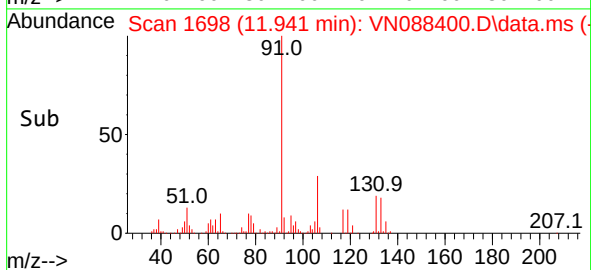
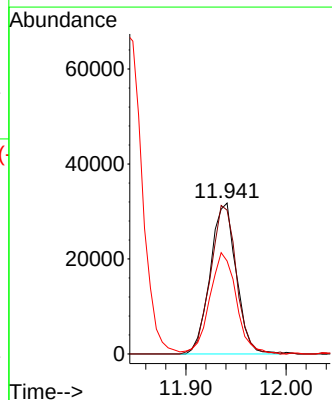
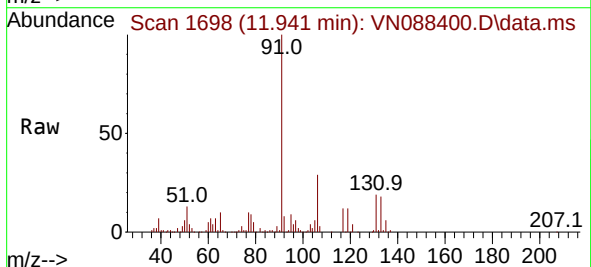
Instrument :
MSVOA_N
ClientSampleId :

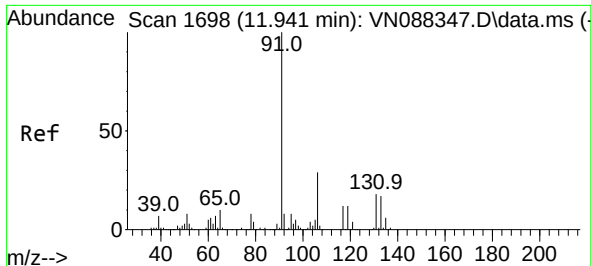
Tgt Ion:112 Resp: 167678
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.092 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion:131 Resp: 57320
Ion Ratio Lower Upper
131 100
133 98.4 47.4 142.2
119 68.7 33.4 100.1

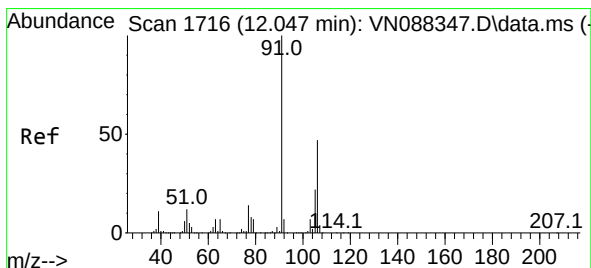
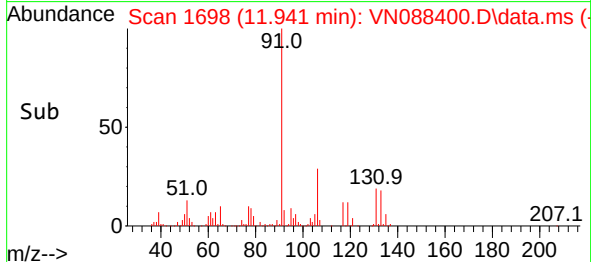
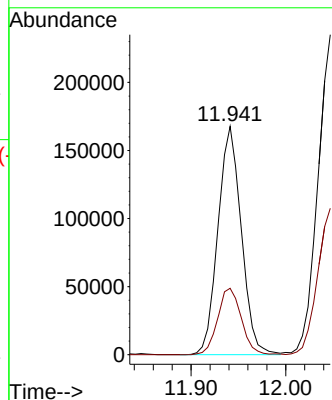
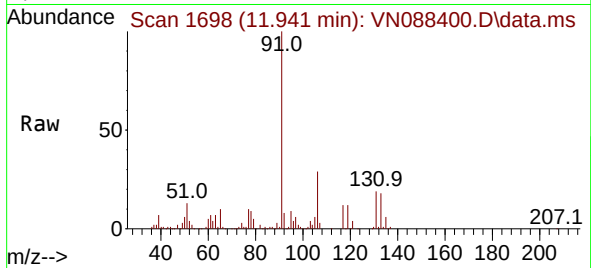




#67
Ethyl Benzene
Concen: 18.484 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

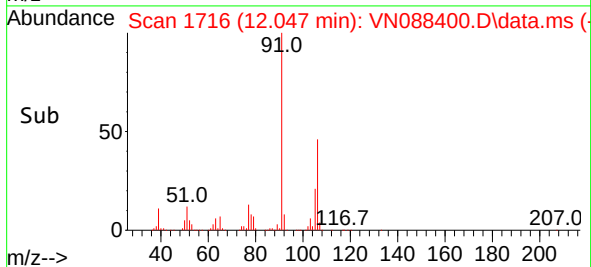
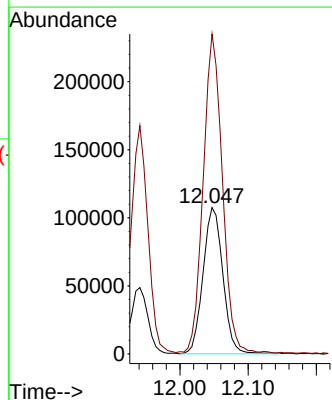
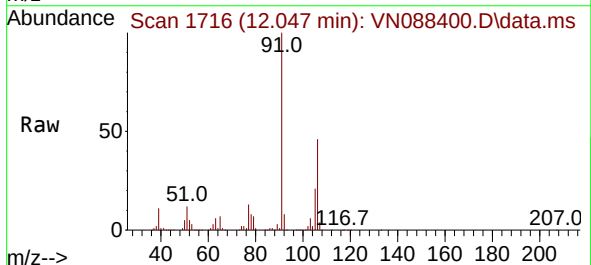
Instrument :
MSVOA_N
ClientSampleId :

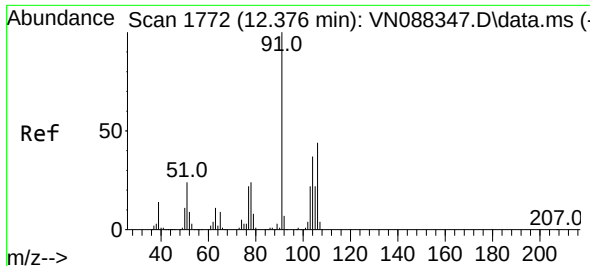
Tgt Ion: 91 Resp: 287588
Ion Ratio Lower Upper
91 100
106 29.1 23.6 35.4



#68
m/p-Xylenes
Concen: 37.568 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion:106 Resp: 216717
Ion Ratio Lower Upper
106 100
91 210.1 167.8 251.6

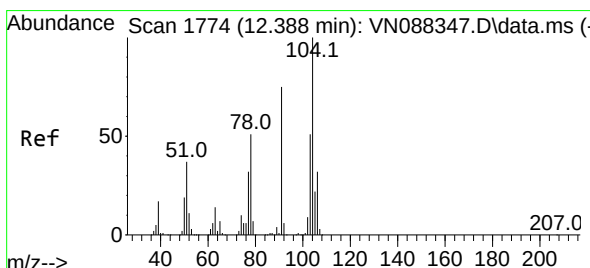
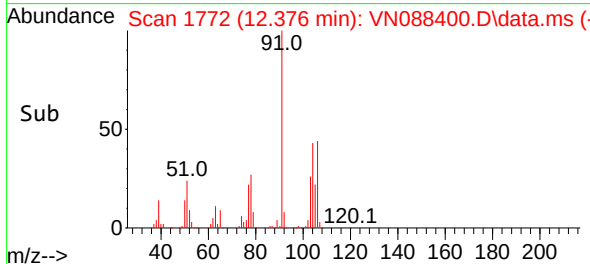
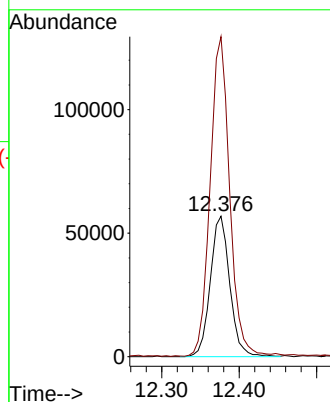
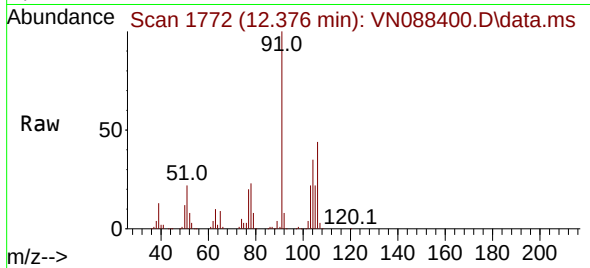




#69
o-Xylene
Concen: 18.060 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

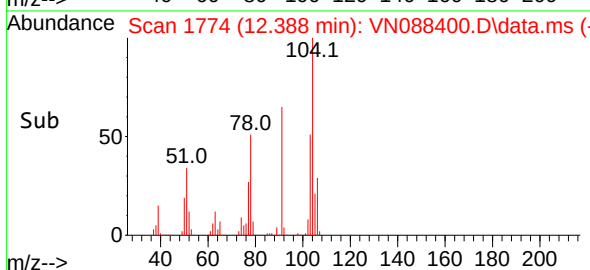
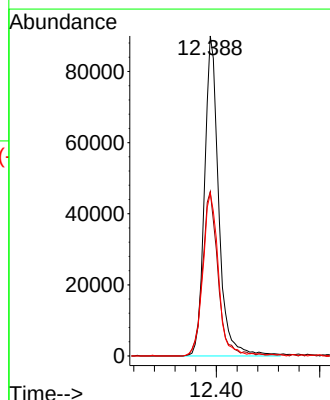
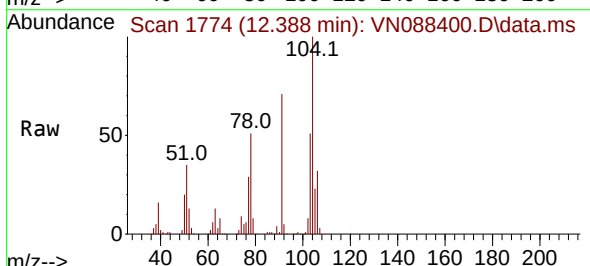
Instrument :
MSVOA_N
ClientSampleId :

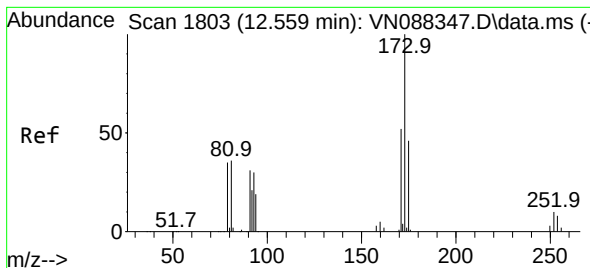
Tgt Ion:106 Resp: 99322
Ion Ratio Lower Upper
106 100
91 229.3 112.9 338.7



#70
Styrene
Concen: 19.267 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion:104 Resp: 172048
Ion Ratio Lower Upper
104 100
78 56.1 44.3 66.5
103 55.0 44.2 66.4





#71

Bromoform

Concen: 19.922 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

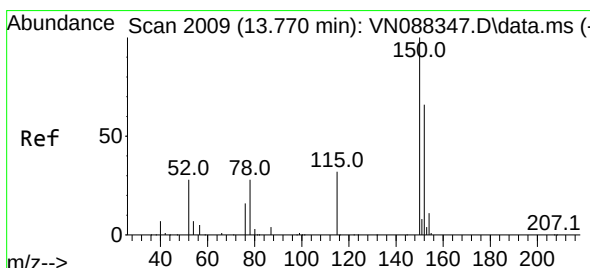
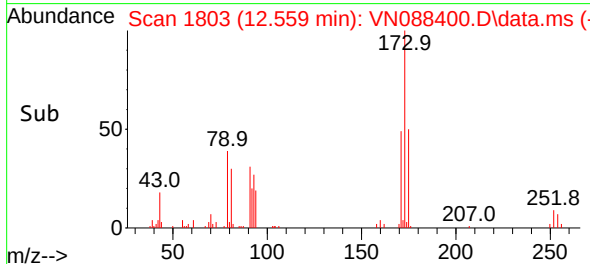
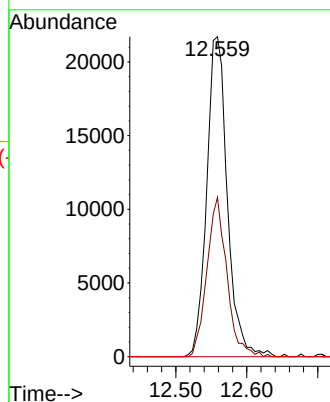
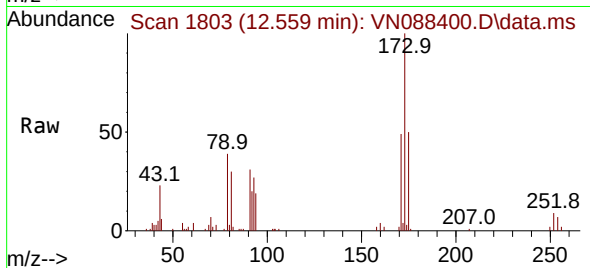
Tgt Ion:173 Resp: 43810

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

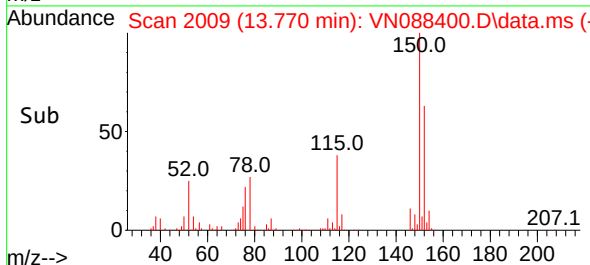
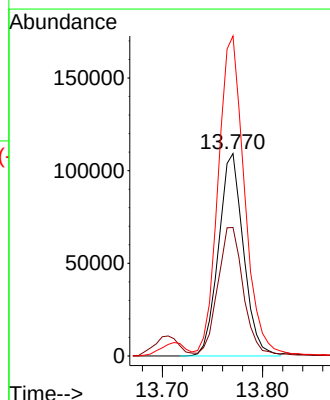
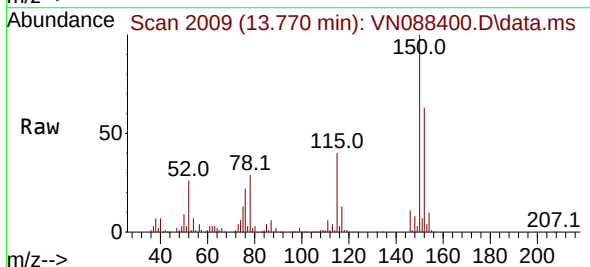
Tgt Ion:152 Resp: 188408

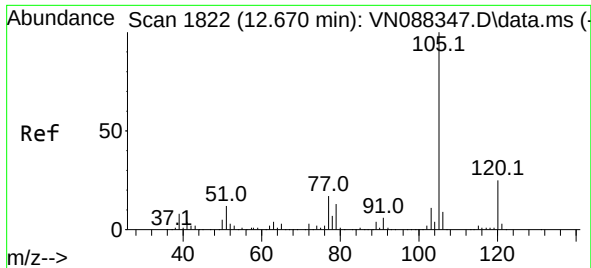
Ion Ratio Lower Upper

152 100

115 65.1 33.0 98.9

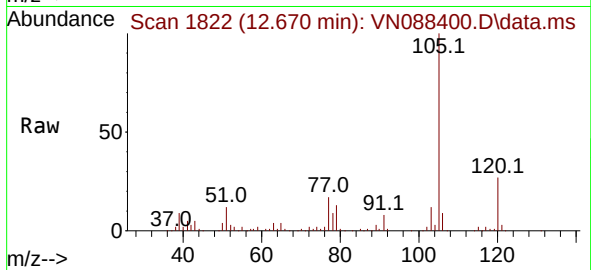
150 167.8 0.0 349.0



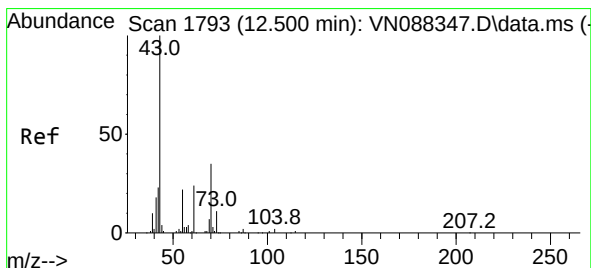
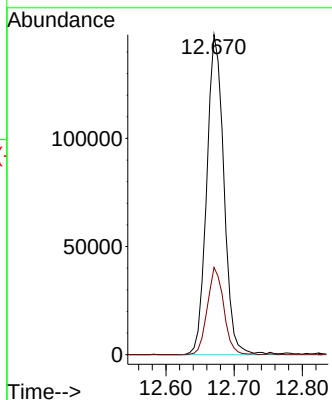
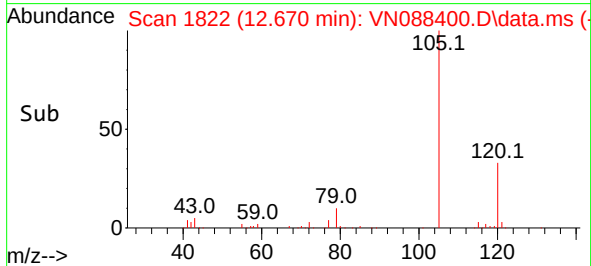


#73
Isopropylbenzene
Concen: 18.618 ug/l
RT: 12.670 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

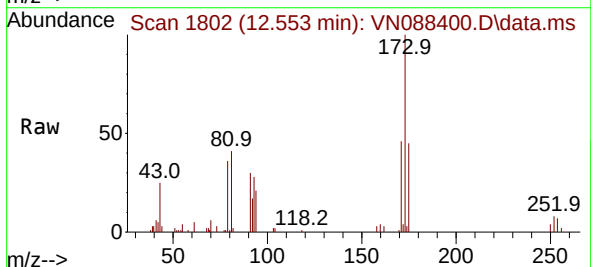
Instrument :
MSVOA_N
ClientSampleId :



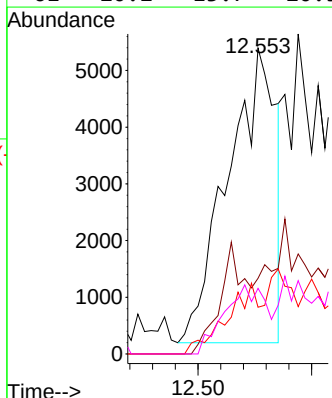
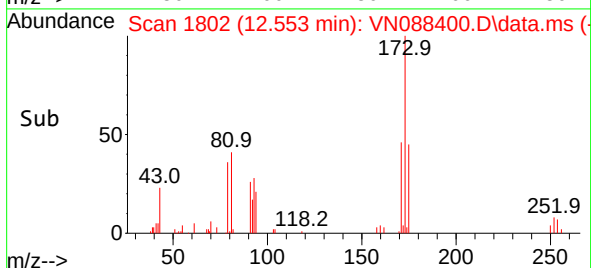
Tgt Ion:105 Resp: 259362
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3

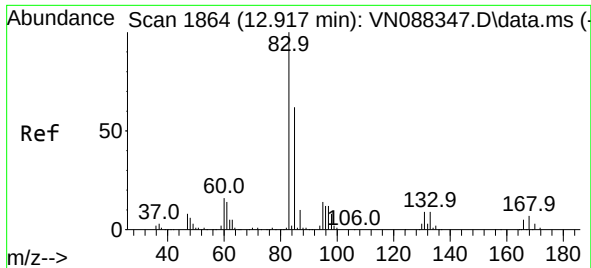


#74
N-ethyl acetate
Concen: 3.191 ug/l
RT: 12.553 min Scan# 1802
Delta R.T. 0.053 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



Tgt Ion: 43 Resp: 15137
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 15.6 17.7 26.5#
61 20.2 13.7 20.5

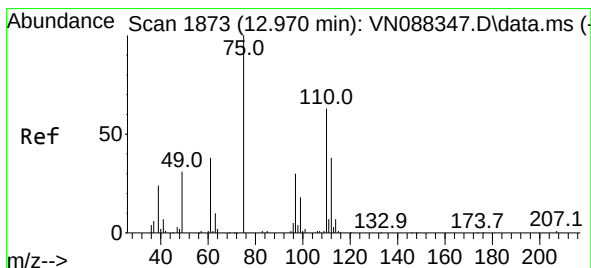
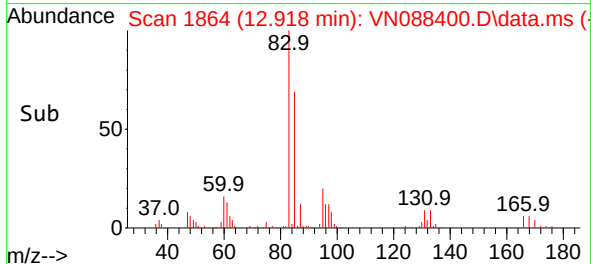
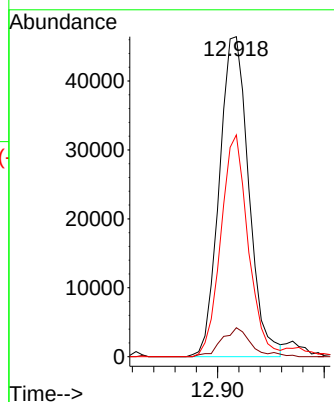
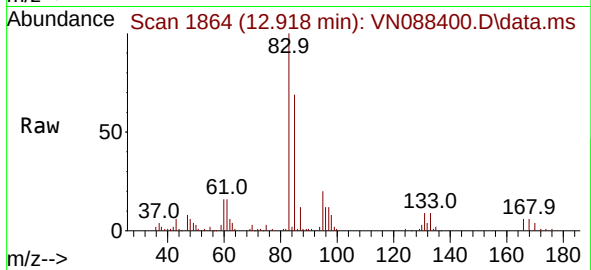




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.783 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

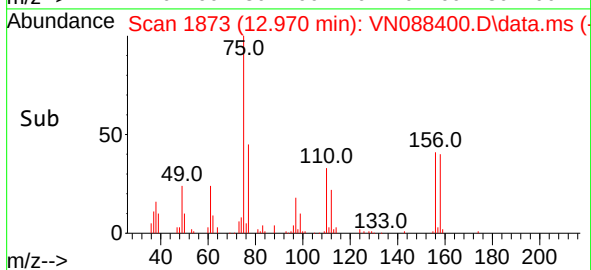
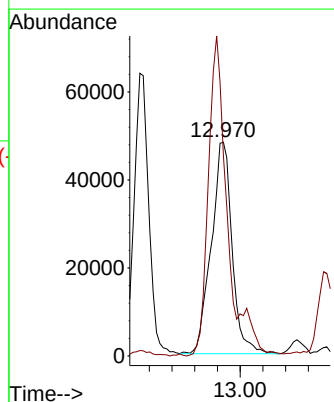
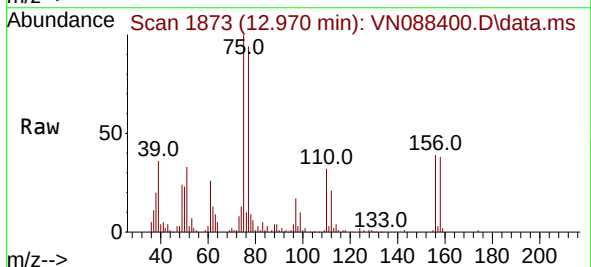
Instrument :
 MSVOA_N
 ClientSampleId :

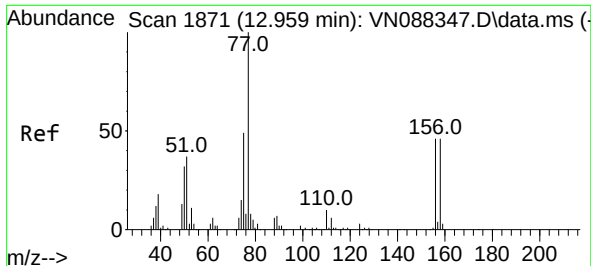
Tgt Ion: 83 Resp: 89094
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.8 14.4
 85 64.3 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 27.729 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

Tgt Ion: 75 Resp: 122363
 Ion Ratio Lower Upper
 75 100
 77 127.4 87.2 261.6

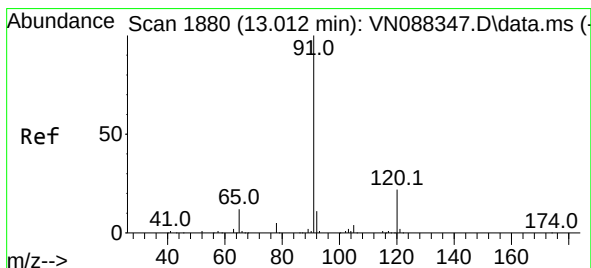
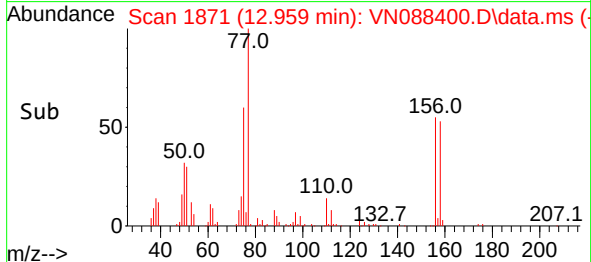
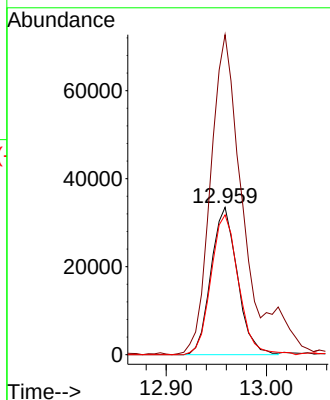
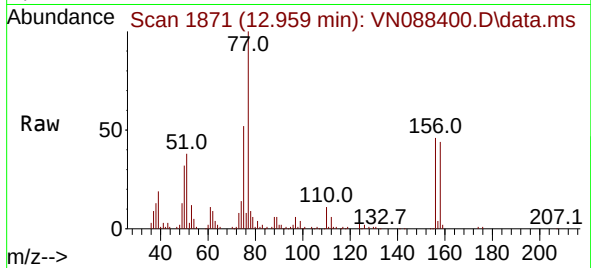




#77
Bromobenzene
Concen: 19.215 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

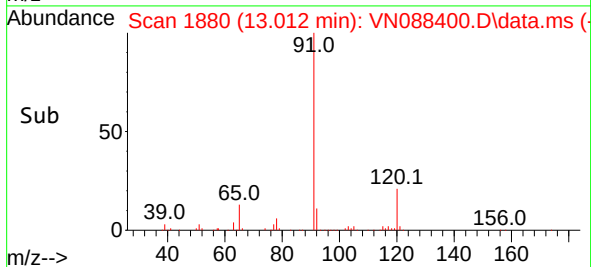
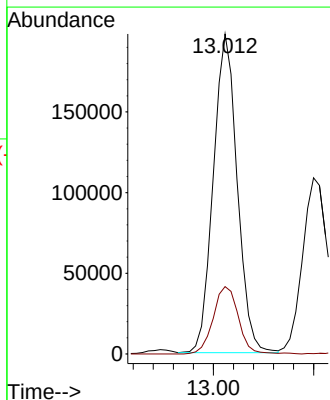
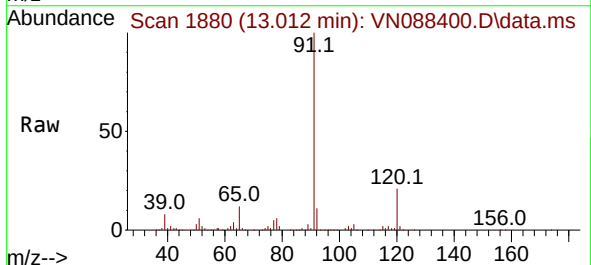
Instrument :
MSVOA_N
ClientSampleId :

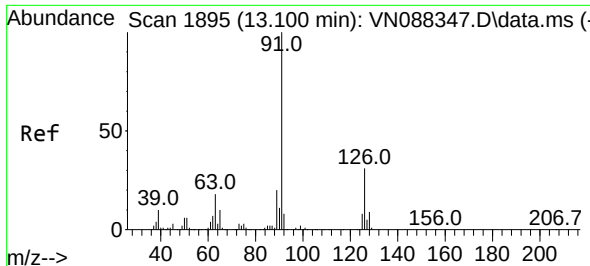
Tgt Ion:156 Resp: 61245
Ion Ratio Lower Upper
156 100
77 254.5 121.6 364.7
158 98.5 48.6 145.8



#78
n-propylbenzene
Concen: 19.188 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 91 Resp: 327010
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.6

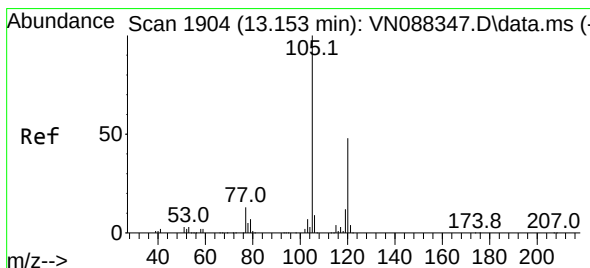
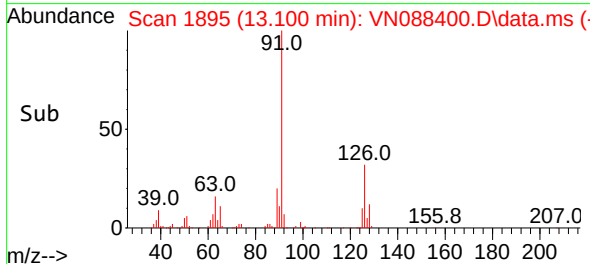
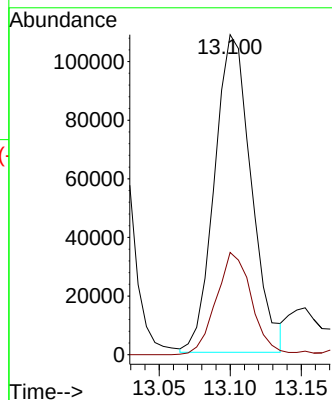
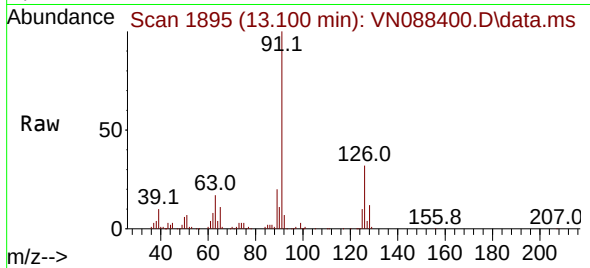




#79
2-Chlorotoluene
Concen: 18.785 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

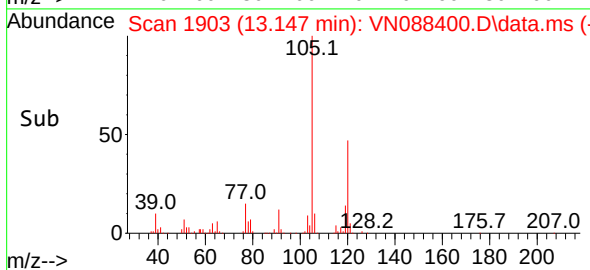
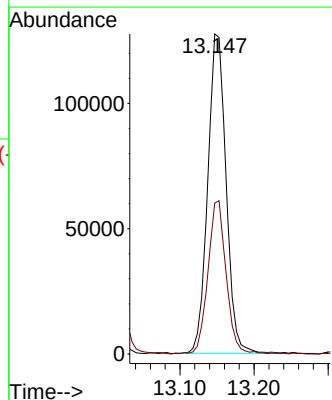
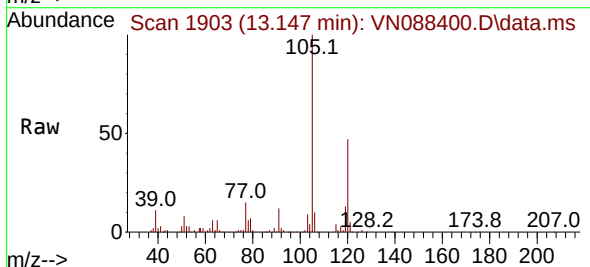
Instrument :
MSVOA_N
ClientSampleId :

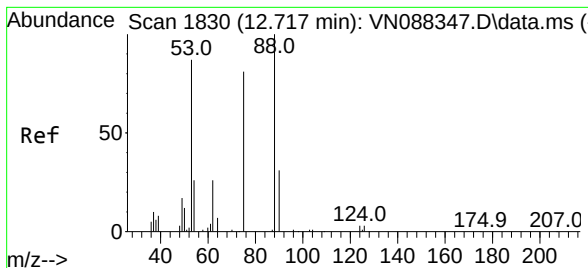
Tgt Ion: 91 Resp: 195499
Ion Ratio Lower Upper
91 100
126 31.0 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 18.988 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion:105 Resp: 219187
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.5

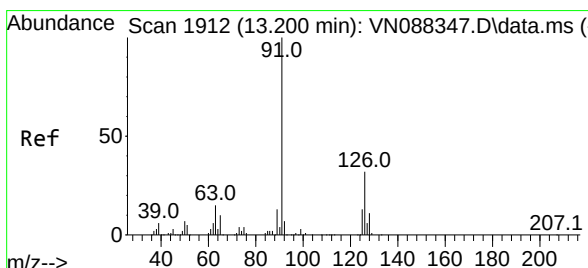
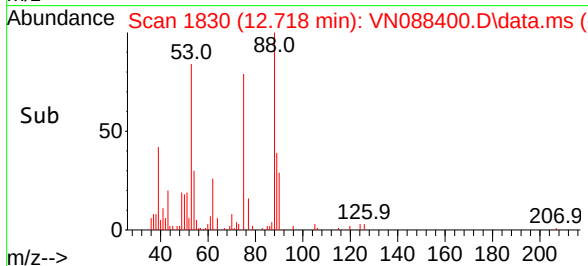
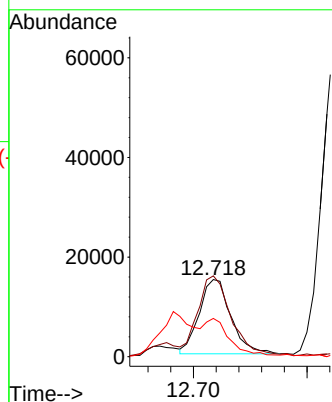
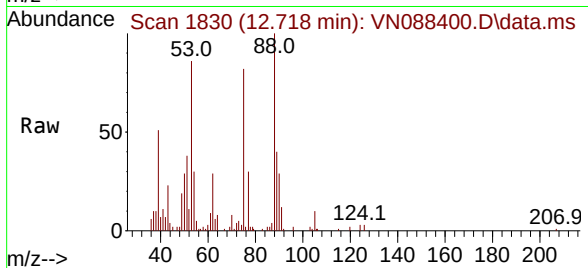




#81
trans-1,4-Dichloro-2-butene
Concen: 18.522 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

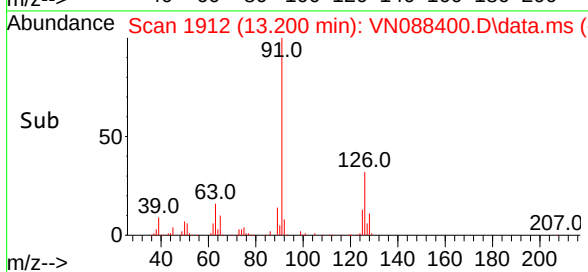
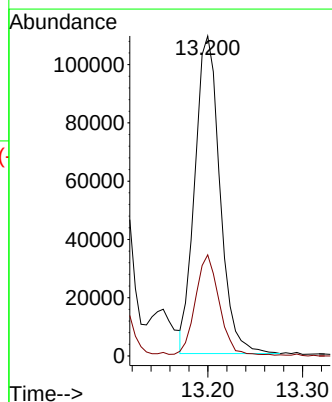
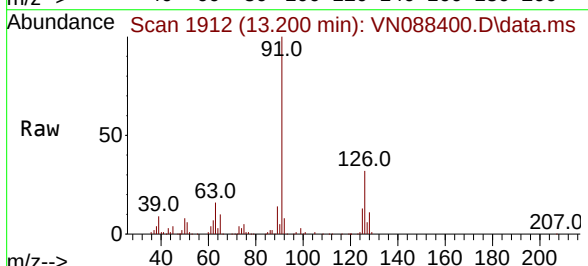
Instrument :
MSVOA_N
ClientSampleId :

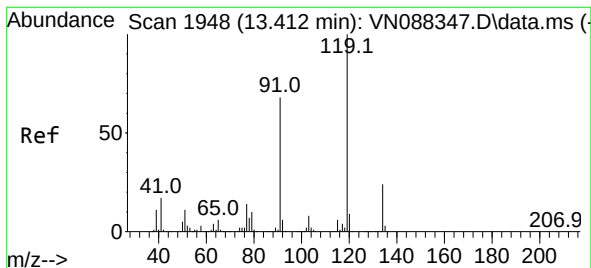
Tgt Ion: 75 Resp: 28811
Ion Ratio Lower Upper
75 100
53 115.2 92.2 138.4
89 37.7 0.0 0.0#



#82
4-Chlorotoluene
Concen: 19.337 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 91 Resp: 199887
Ion Ratio Lower Upper
91 100
126 30.3 15.6 46.7





#83

tert-Butylbenzene

Concen: 18.695 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

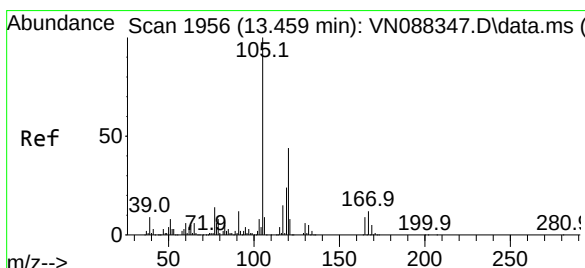
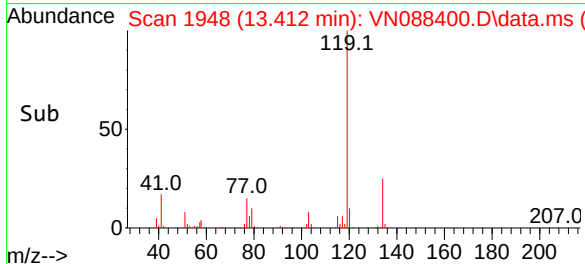
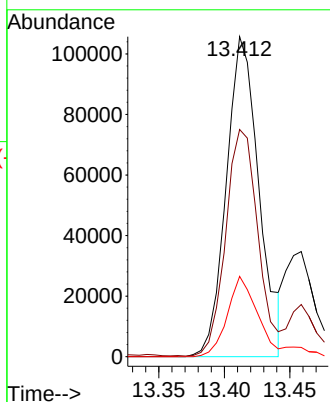
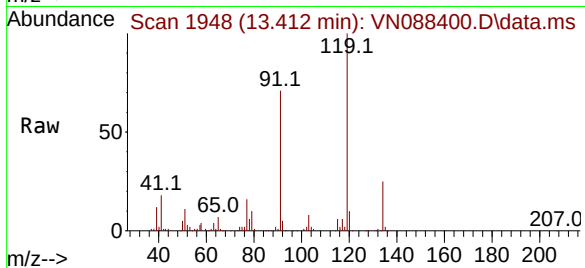
Tgt Ion:119 Resp: 183448

Ion Ratio Lower Upper

119 100

91 69.7 35.1 105.3

134 25.4 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 19.647 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088400.D

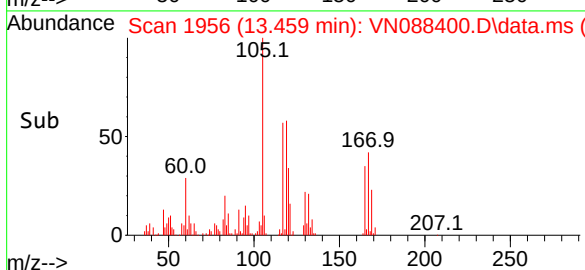
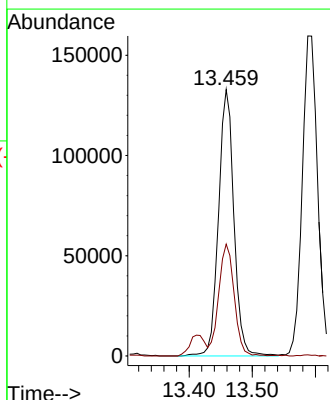
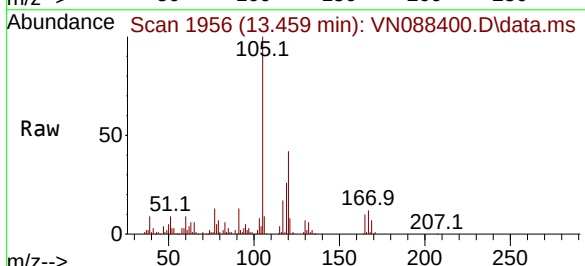
Acq: 02 Dec 2025 11:34

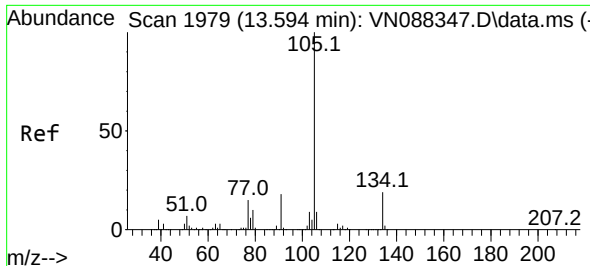
Tgt Ion:105 Resp: 225422

Ion Ratio Lower Upper

105 100

120 42.0 22.1 66.1

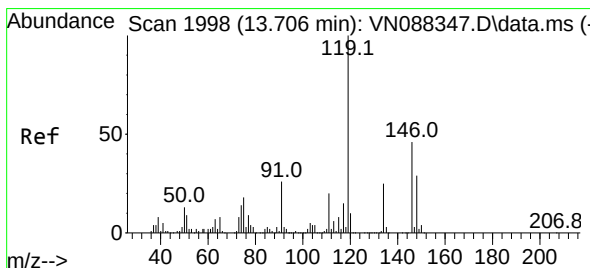
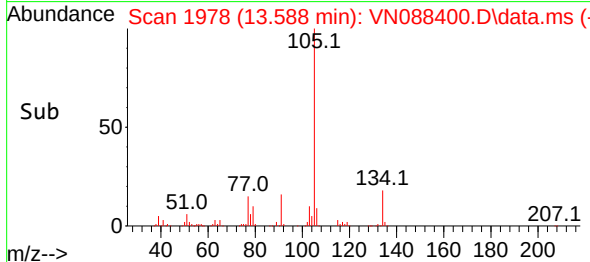
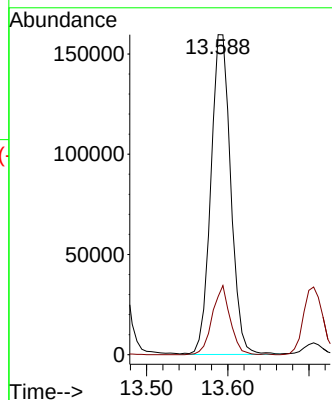
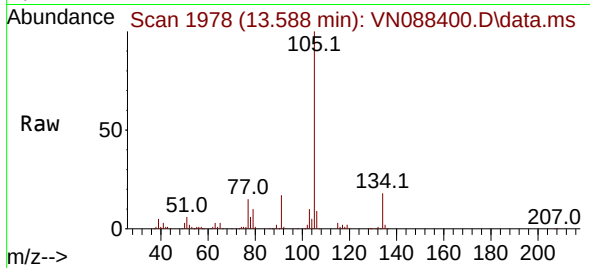




#85
 sec-Butylbenzene
 Concen: 19.220 ug/l
 RT: 13.588 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

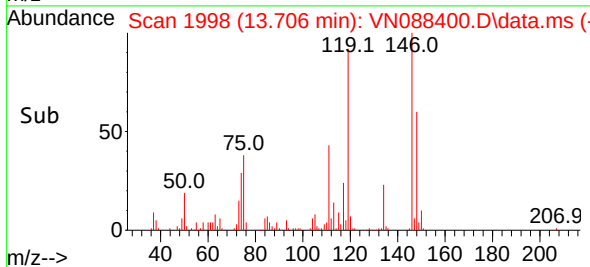
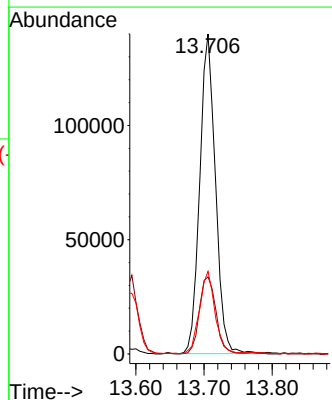
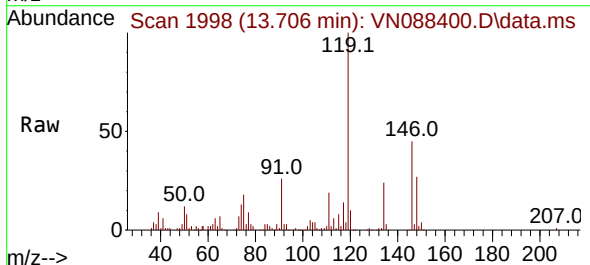
Instrument :
 MSVOA_N
 ClientSampleId :

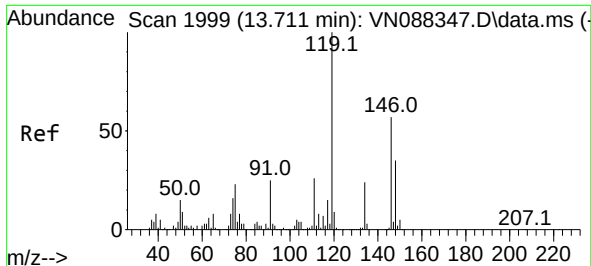
Tgt Ion:105 Resp: 270952
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 19.348 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

Tgt Ion:119 Resp: 223655
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.2 36.6
 91 25.4 13.0 39.0

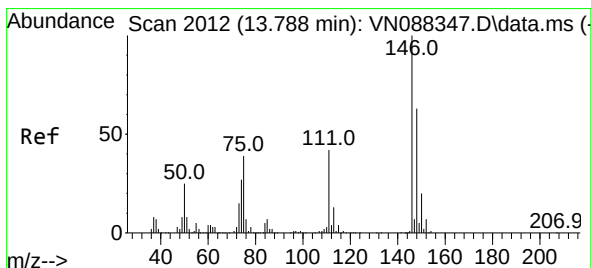
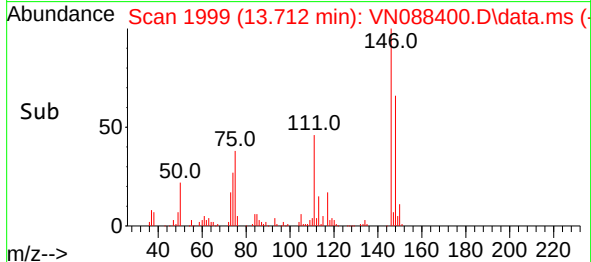
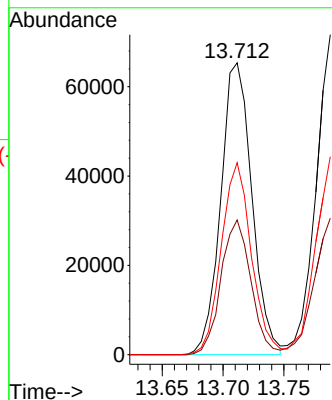
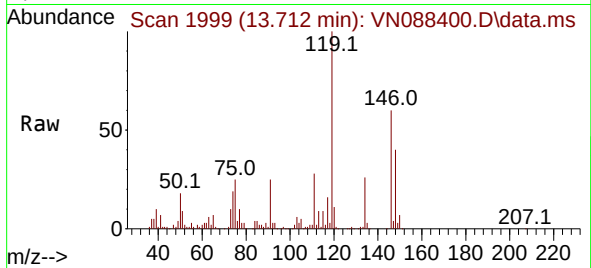




#87
1,3-Dichlorobenzene
Concen: 18.764 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

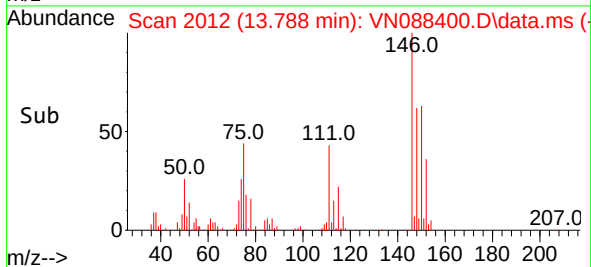
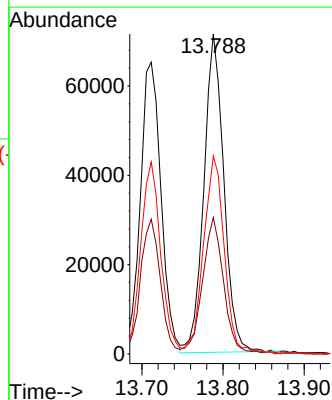
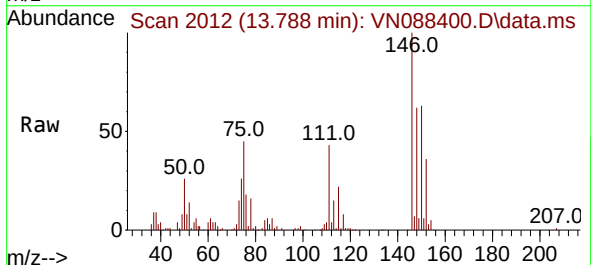
Instrument :
MSVOA_N
ClientSampleId :

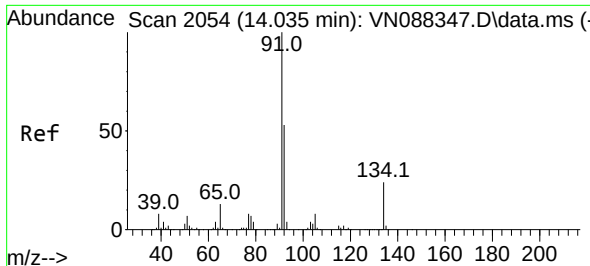
Tgt Ion:146 Resp: 116423
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.0
148 64.0 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 18.698 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion:146 Resp: 121526
Ion Ratio Lower Upper
146 100
111 45.6 21.6 64.6
148 65.0 31.0 93.0

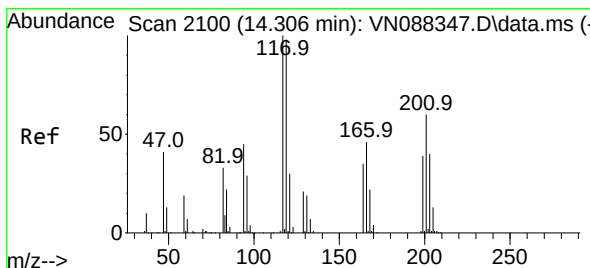
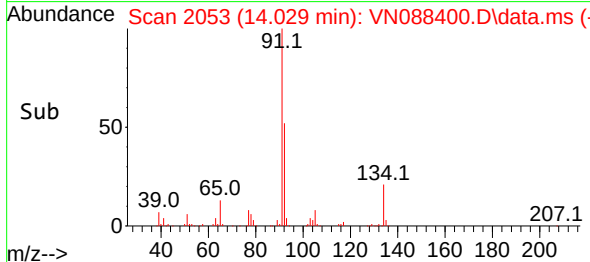
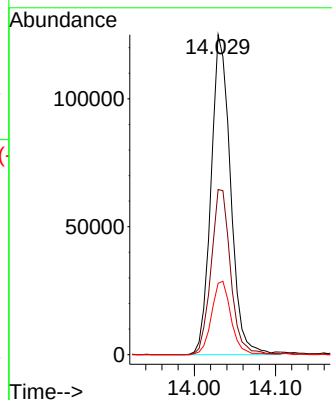
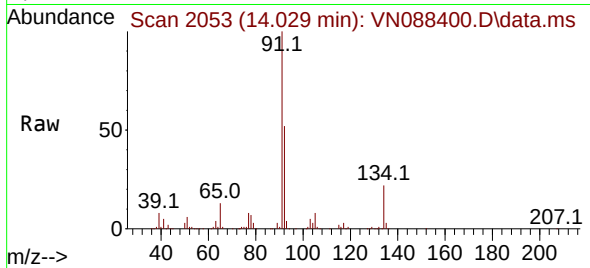




#89
n-Butylbenzene
Concen: 18.644 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

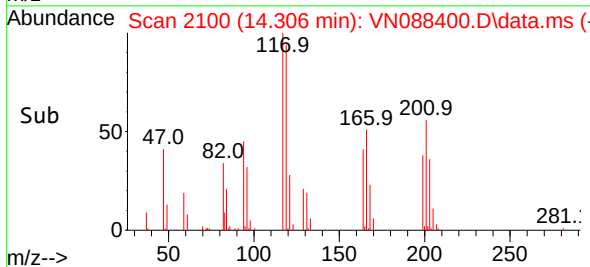
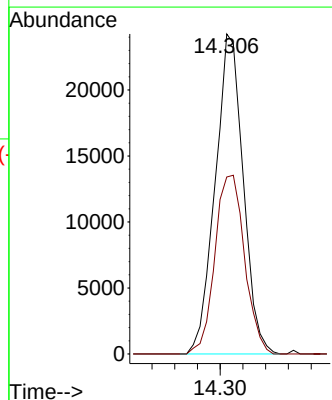
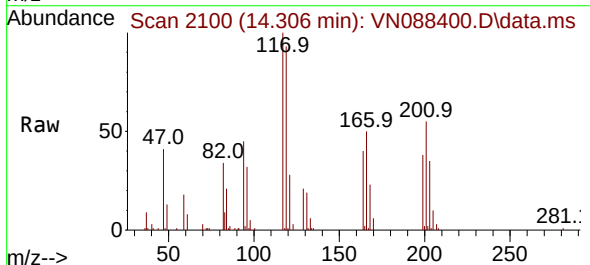
Instrument :
MSVOA_N
ClientSampleId :

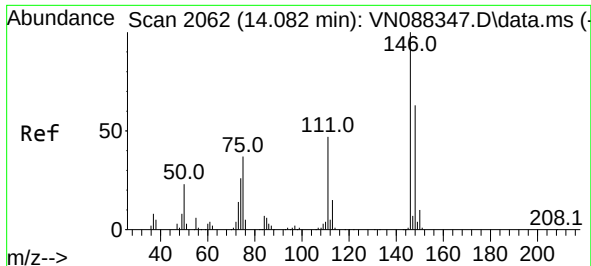
Tgt Ion: 91 Resp: 209256
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.3
134 22.9 11.7 35.1



#90
Hexachloroethane
Concen: 19.661 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

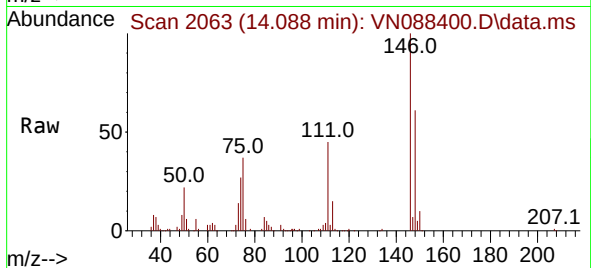
Tgt Ion: 117 Resp: 41518
Ion Ratio Lower Upper
117 100
201 59.2 30.3 90.9



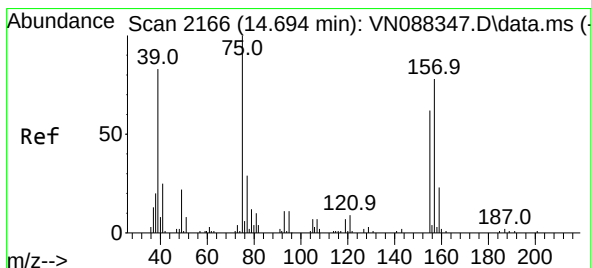
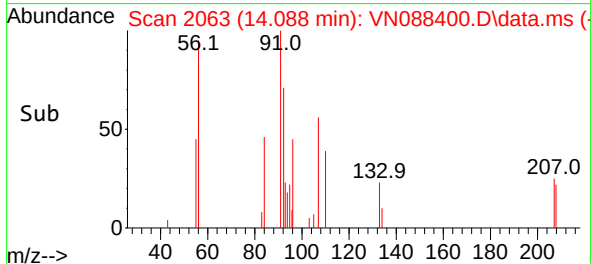
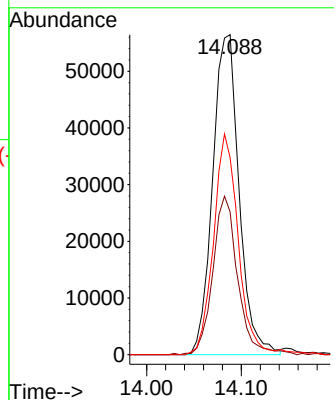


#91
1,2-Dichlorobenzene
Concen: 18.750 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

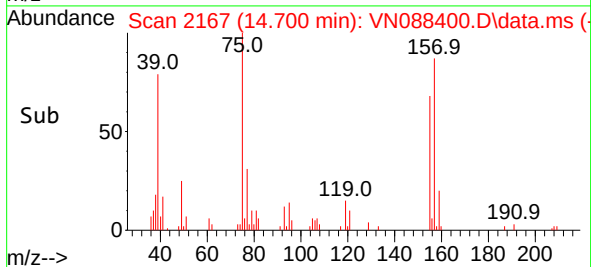
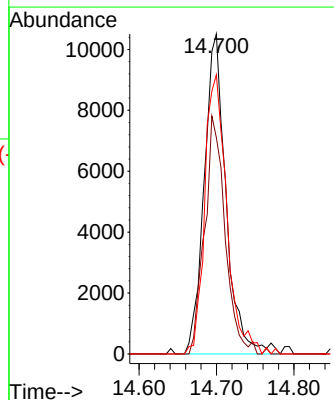
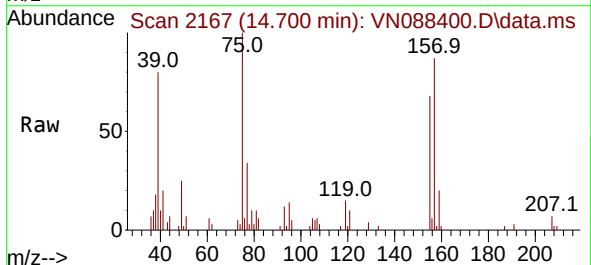


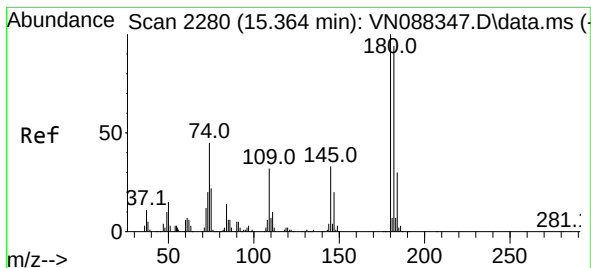
Tgt Ion:146 Resp: 109481
Ion Ratio Lower Upper
146 100
111 46.7 23.3 69.9
148 65.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.831 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 75 Resp: 20576
Ion Ratio Lower Upper
75 100
155 69.9 33.7 101.1
157 88.4 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 18.158 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

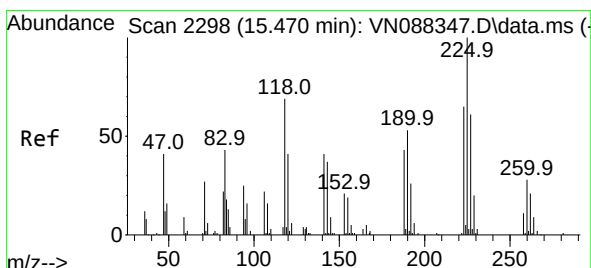
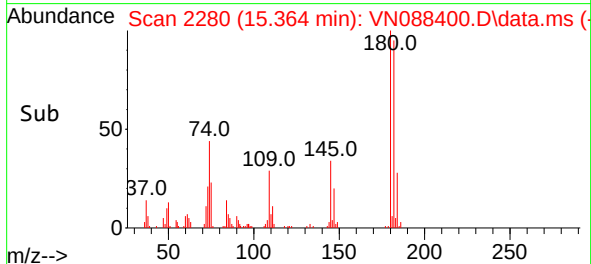
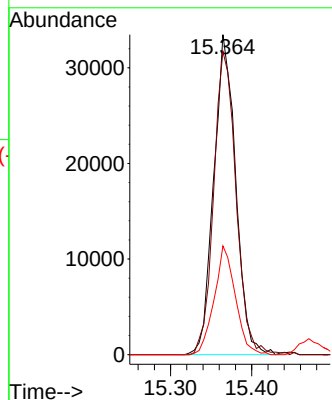
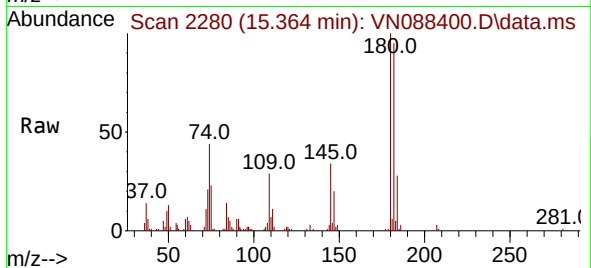
Tgt Ion:180 Resp: 62996

Ion Ratio Lower Upper

180 100

182 96.5 46.1 138.2

145 32.8 16.7 50.1



#94

Hexachlorobutadiene

Concen: 19.255 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

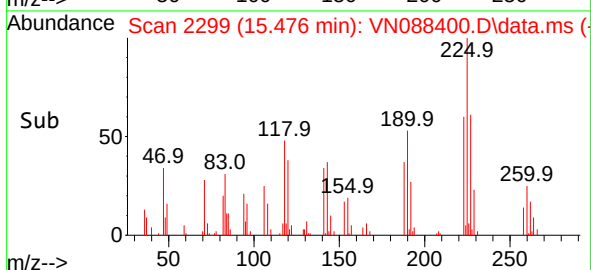
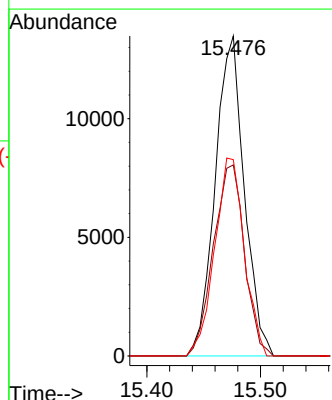
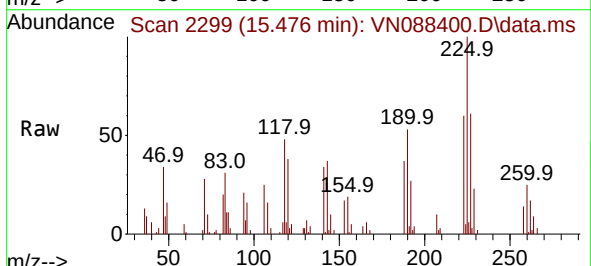
Tgt Ion:225 Resp: 24005

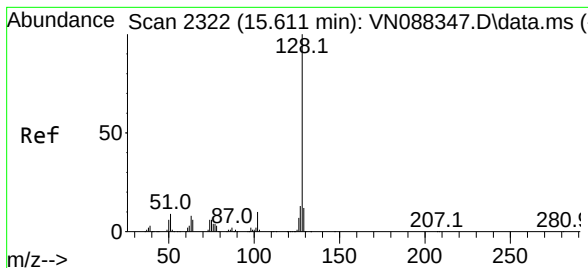
Ion Ratio Lower Upper

225 100

223 63.6 32.3 96.8

227 62.7 29.9 89.8





#95

Naphthalene

Concen: 17.825 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

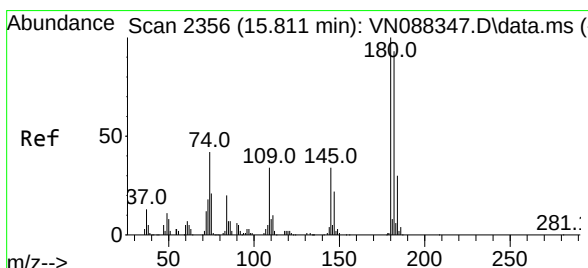
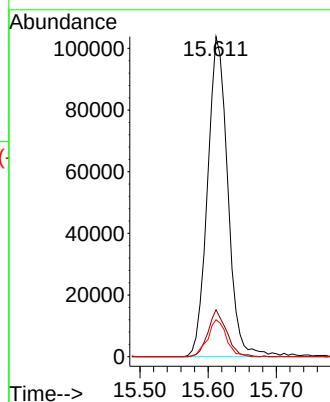
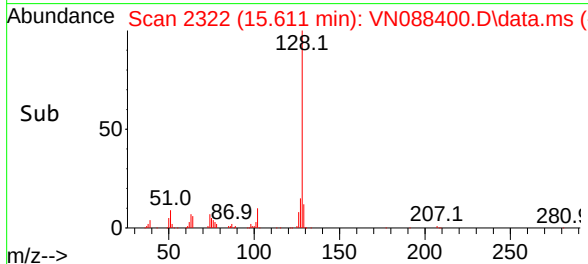
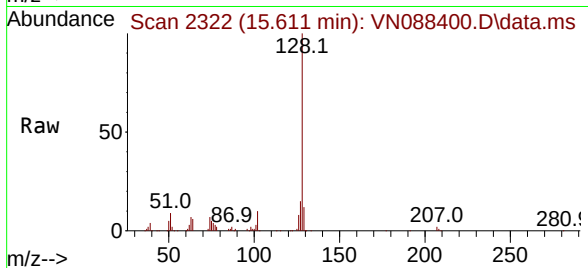
Tgt Ion:128 Resp: 214287

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.7 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 18.528 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Tgt Ion:180 Resp: 62555

Ion Ratio Lower Upper

180 100

182 91.0 45.9 137.7

145 35.7 17.8 53.4

