

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
 Data File : VN088351.D
 Acq On : 24 Nov 2025 15:18
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVN112425

Quant Time: Nov 25 01:39:30 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	264693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	504031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	443578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	211823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	234844	47.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.200%
35) Dibromofluoromethane	8.153	113	152840	43.757	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.520%
50) Toluene-d8	10.547	98	574351	44.193	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.380%
62) 4-Bromofluorobenzene	12.829	95	199878	44.823	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	204306	51.389	ug/l	96
3) Chloromethane	2.383	50	224506	52.578	ug/l	98
4) Vinyl Chloride	2.536	62	216512	49.842	ug/l	99
5) Bromomethane	2.977	94	113722	54.393	ug/l	95
6) Chloroethane	3.142	64	138310	51.450	ug/l	96
7) Trichlorofluoromethane	3.512	101	304206	49.826	ug/l	96
8) Diethyl Ether	3.965	74	122332	53.384	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	153067	47.094	ug/l	96
10) Methyl Iodide	4.589	142	173671	53.976	ug/l	95
11) Tert butyl alcohol	5.518	59	213569	268.272	ug/l	99
12) 1,1-Dichloroethene	4.342	96	158096	48.957	ug/l	94
13) Acrolein	4.177	56	203235	266.656	ug/l	99
14) Allyl chloride	5.018	41	321979	53.793	ug/l	99
15) Acrylonitrile	5.706	53	637644	277.614	ug/l	99
16) Acetone	4.418	43	450459	249.797	ug/l	100
17) Carbon Disulfide	4.706	76	544067	51.558	ug/l	100
18) Methyl Acetate	5.018	43	290918	54.196	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	694497	57.401	ug/l	95
20) Methylene Chloride	5.265	84	208952	54.158	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	191102	53.421	ug/l	99
22) Diisopropyl ether	6.653	45	719883	56.335	ug/l	97
23) Vinyl Acetate	6.588	43	3294704	320.013	ug/l	99
24) 1,1-Dichloroethane	6.559	63	394512	54.516	ug/l	99
25) 2-Butanone	7.471	43	807706	278.613	ug/l	97
26) 2,2-Dichloropropane	7.471	77	337031	53.957	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	223944	53.866	ug/l	99
28) Bromochloromethane	7.794	49	167723	46.526	ug/l	100
29) Tetrahydrofuran	7.824	42	581218	279.515	ug/l	99
30) Chloroform	7.947	83	383675	53.957	ug/l	95
31) Cyclohexane	8.241	56	316159	48.211	ug/l	94
32) 1,1,1-Trichloroethane	8.147	97	319795	51.150	ug/l	100
36) 1,1-Dichloropropene	8.353	75	253183	46.967	ug/l	98
37) Ethyl Acetate	7.547	43	364546	51.431	ug/l	99
38) Carbon Tetrachloride	8.341	117	262078	48.837	ug/l	98
39) Methylcyclohexane	9.577	83	276272	47.913	ug/l	98
40) Benzene	8.588	78	803742	50.800	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	189164	53.883	ug/l	98
42) 1,2-Dichloroethane	8.653	62	318757	52.806	ug/l	99
43) Isopropyl Acetate	8.671	43	575762	53.165	ug/l	100
44) Trichloroethene	9.335	130	184844	49.444	ug/l	97
45) 1,2-Dichloropropane	9.600	63	211177	52.095	ug/l	96
46) Dibromomethane	9.688	93	152417	52.686	ug/l	100
47) Bromodichloromethane	9.871	83	307856	52.155	ug/l	100
48) Methyl methacrylate	9.665	41	269474	54.535	ug/l	99
49) 1,4-Dioxane	9.682	88	64188	1021.452	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	1745522	273.447	ug/l	100
52) Toluene	10.612	92	475044	51.998	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	323712	53.428	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	344582	54.081	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	182138	51.530	ug/l	98
56) Ethyl methacrylate	10.853	69	323702	57.977	ug/l	98
57) 1,3-Dichloropropane	11.141	76	338609	53.102	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	851755	264.613	ug/l	100
59) 2-Hexanone	11.176	43	1118254	278.086	ug/l	99
60) Dibromochloromethane	11.341	129	212150	52.650	ug/l	98
61) 1,2-Dibromoethane	11.447	107	191658	53.546	ug/l	99
64) Tetrachloroethene	11.082	164	164101	46.666	ug/l	96
65) Chlorobenzene	11.871	112	512644	51.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	174200	51.838	ug/l	98
67) Ethyl Benzene	11.941	91	899198	51.635	ug/l	100
68) m/p-Xylenes	12.047	106	679183	105.191	ug/l	99
69) o-Xylene	12.376	106	322403	52.376	ug/l	100
70) Styrene	12.388	104	550033	55.031	ug/l	100
71) Bromoform	12.559	173	132448	53.811	ug/l #	100
73) Isopropylbenzene	12.670	105	827973	52.866	ug/l	100
74) N-amyl acetate	12.500	43	182324	34.183	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.917	83	253948	50.155	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	376148	75.817	ug/l	64
77) Bromobenzene	12.959	156	191381	53.406	ug/l	98
78) n-propylbenzene	13.012	91	1004887	52.446	ug/l	100
79) 2-Chlorotoluene	13.106	91	599091	51.202	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	687007	52.936	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	96389	55.117	ug/l #	95
82) 4-Chlorotoluene	13.200	91	628637	54.093	ug/l	99
83) tert-Butylbenzene	13.417	119	569932	51.660	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	703272	54.519	ug/l	98
85) sec-Butylbenzene	13.594	105	812817	51.285	ug/l	100
86) p-Isopropyltoluene	13.706	119	678617	52.216	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	357734	51.282	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	372290	50.949	ug/l	98
89) n-Butylbenzene	14.035	91	644062	51.040	ug/l	99
90) Hexachloroethane	14.306	117	118158	49.768	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	344212	52.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	62186	50.621	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	200095	51.301	ug/l	99
94) Hexachlorobutadiene	15.476	225	64430	45.969	ug/l	97
95) Naphthalene	15.611	128	719827	53.258	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	188353	49.620	ug/l	97

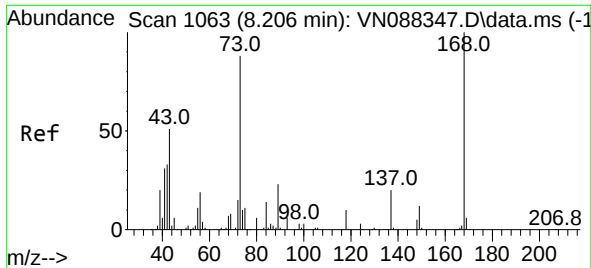
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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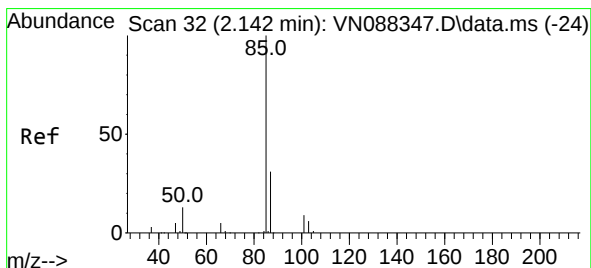
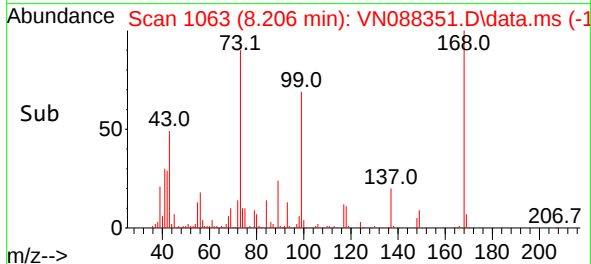
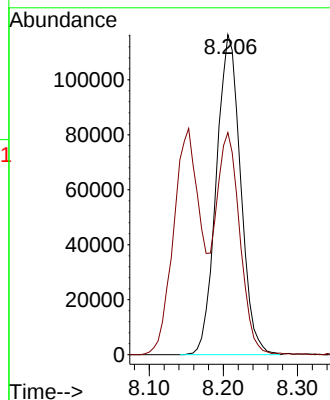
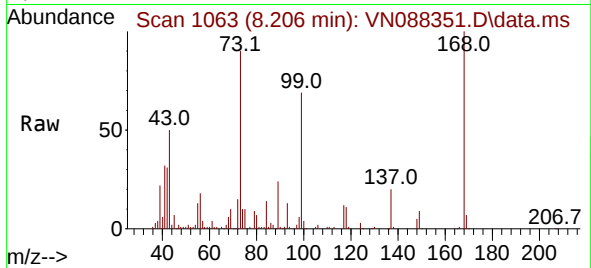
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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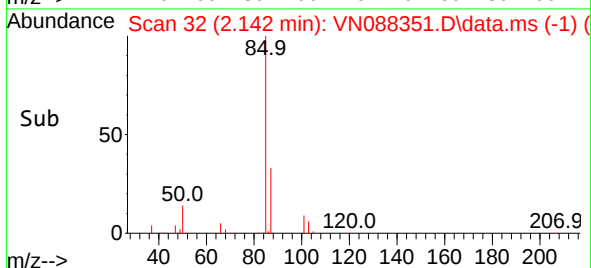
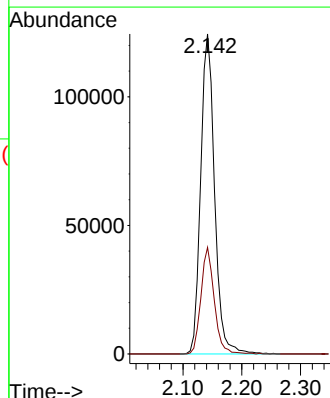
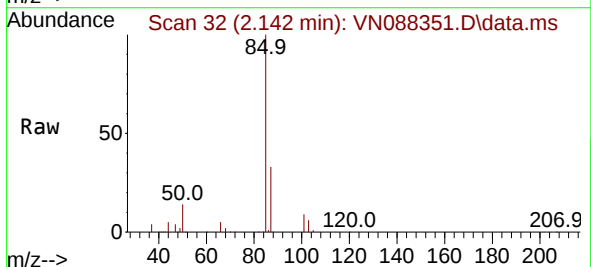
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ICVVN112425

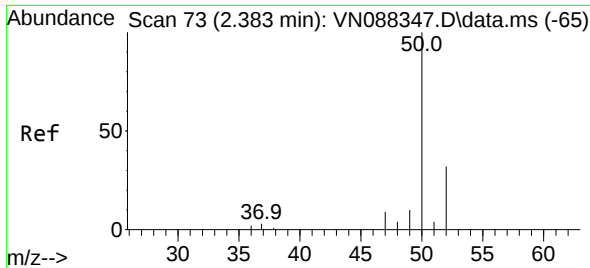
Tgt Ion:168 Resp: 264693
Ion Ratio Lower Upper
168 100
99 68.9 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 51.389 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 85 Resp: 204306
Ion Ratio Lower Upper
85 100
87 33.3 15.6 46.7

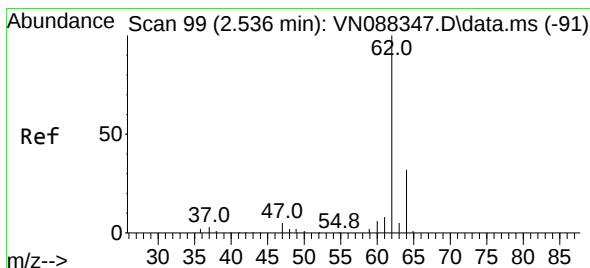
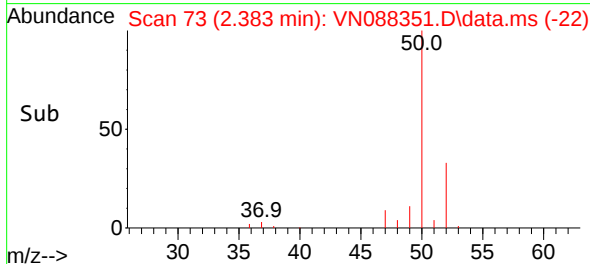
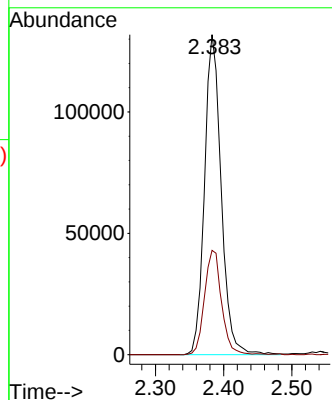
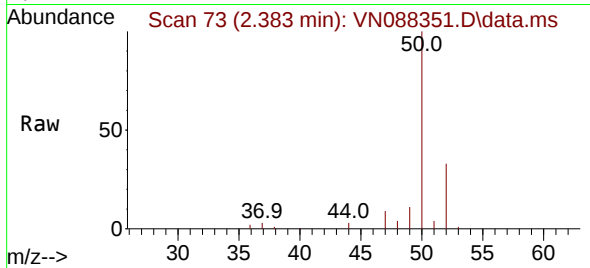




#3
Chloromethane
Concen: 52.578 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

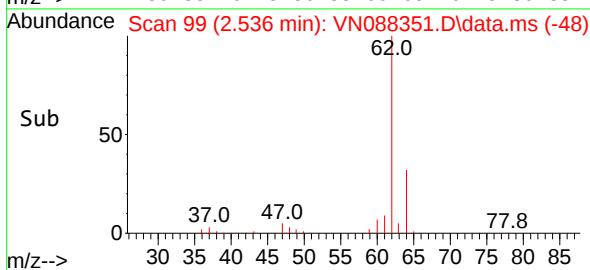
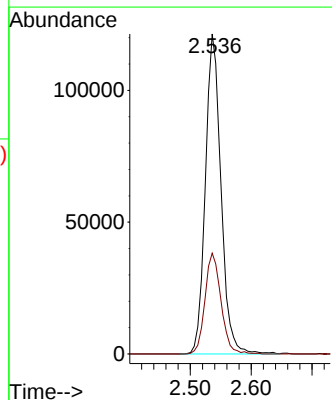
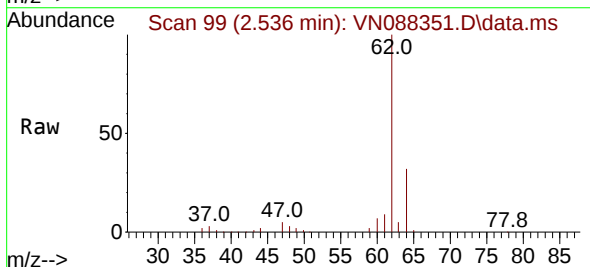
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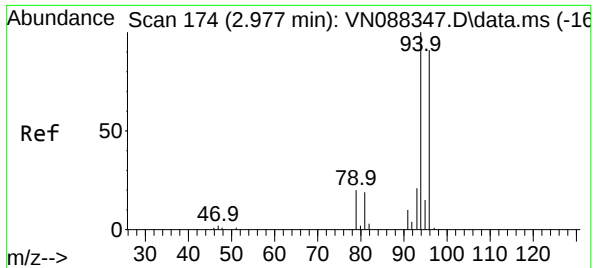
Tgt Ion: 50 Resp: 224506
Ion Ratio Lower Upper
50 100
52 32.6 25.2 37.8



#4
Vinyl Chloride
Concen: 49.842 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 62 Resp: 216512
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2

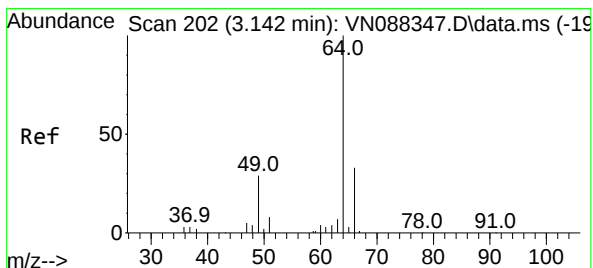
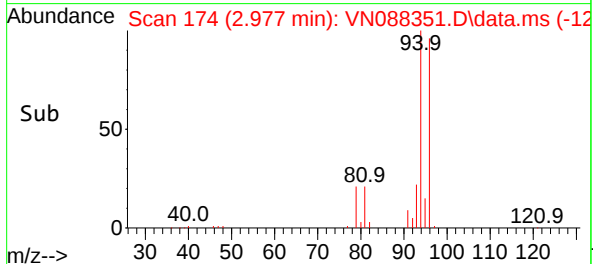
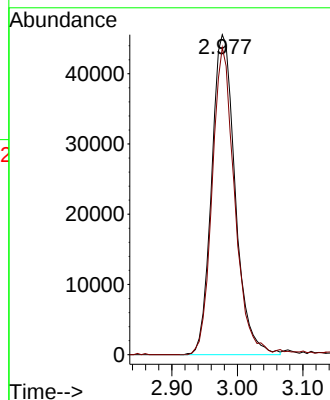
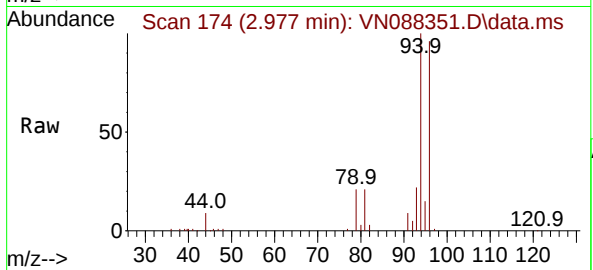




#5
Bromomethane
Concen: 54.393 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088351.D
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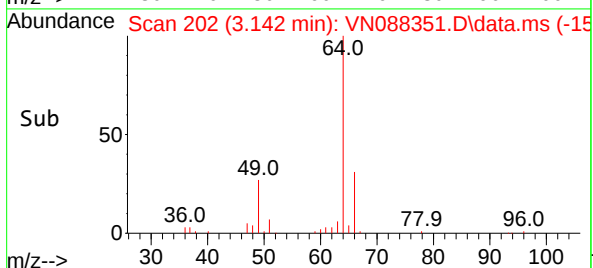
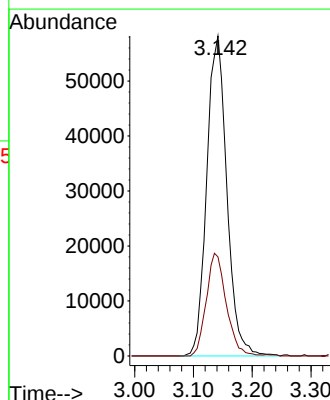
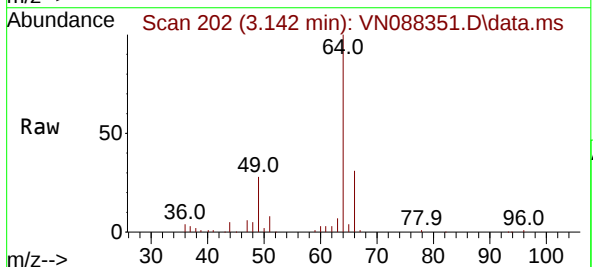
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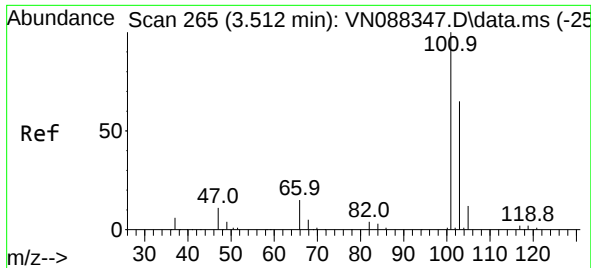
Tgt Ion: 94 Resp: 113722
Ion Ratio Lower Upper
94 100
96 96.0 73.2 109.8



#6
Chloroethane
Concen: 51.450 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 64 Resp: 138310
Ion Ratio Lower Upper
64 100
66 31.0 26.4 39.6

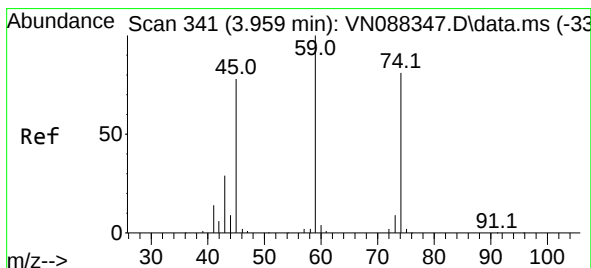
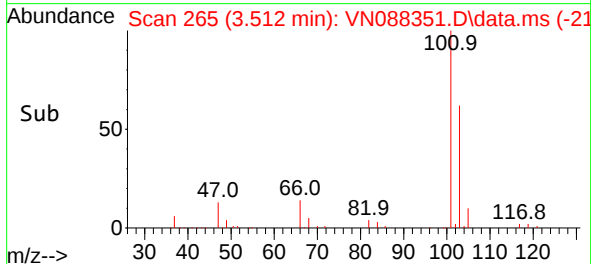
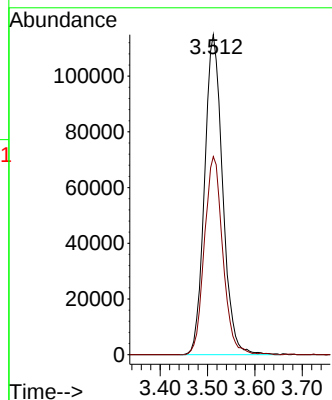
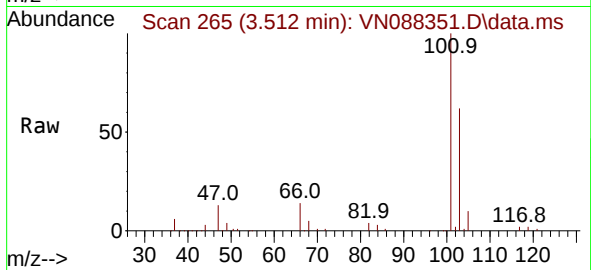




#7
 Trichlorofluoromethane
 Concen: 49.826 ug/l
 RT: 3.512 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN088351.D
 Acq: 24 Nov 2025 15:18

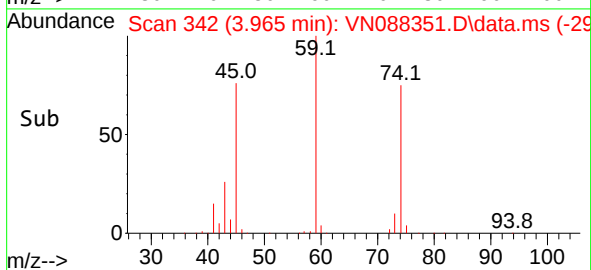
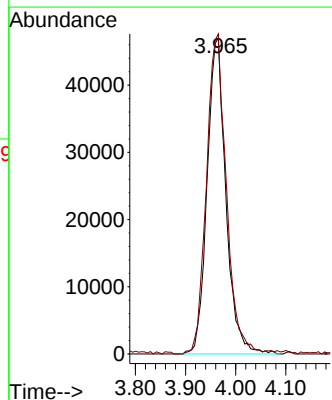
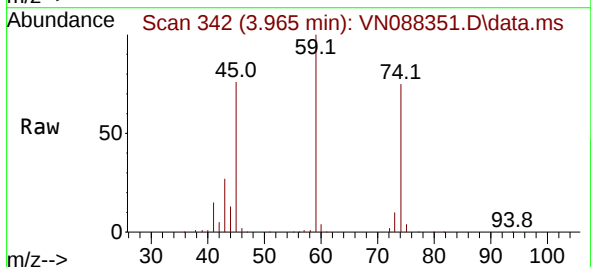
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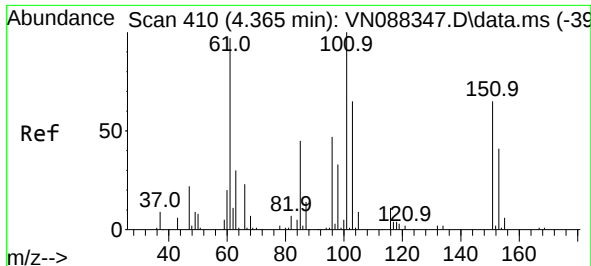
Tgt Ion:101 Resp: 304206
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 53.384 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088351.D
 Acq: 24 Nov 2025 15:18

Tgt Ion: 74 Resp: 122332
 Ion Ratio Lower Upper
 74 100
 45 107.3 54.2 162.6

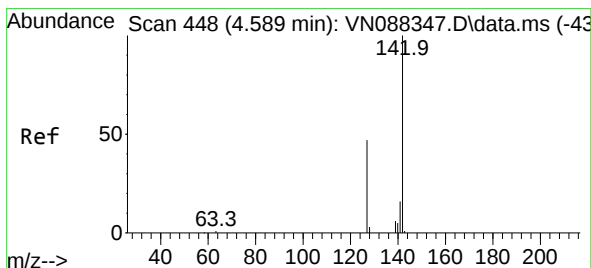
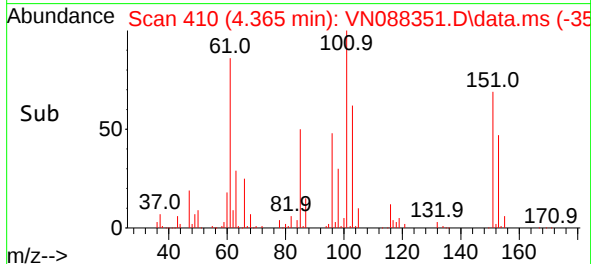
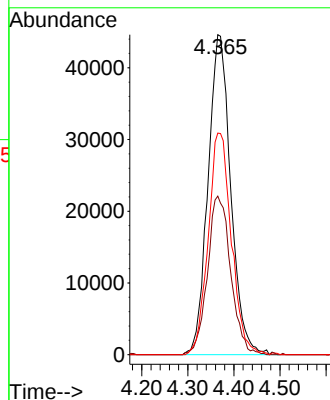
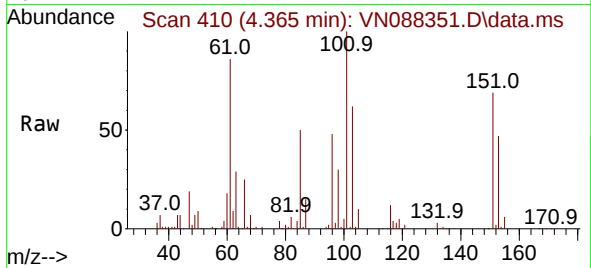




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.094 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN088351.D
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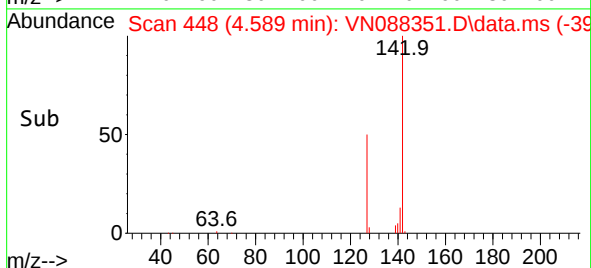
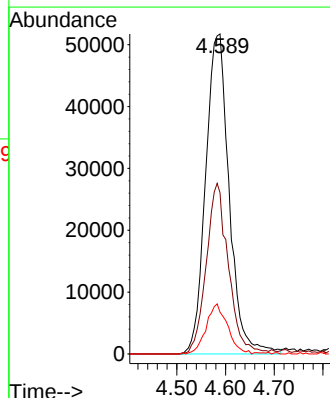
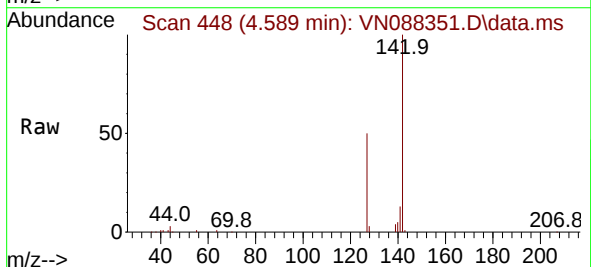
Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

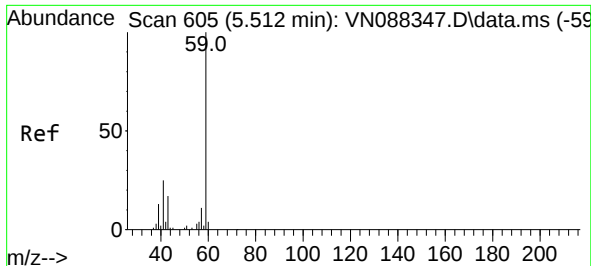
Tgt Ion:101 Resp: 153067
Ion Ratio Lower Upper
101 100
85 50.6 39.2 58.8
151 70.6 53.6 80.4



#10
Methyl Iodide
Concen: 53.976 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion:142 Resp: 173671
Ion Ratio Lower Upper
142 100
127 50.4 37.9 56.9
141 13.1 12.4 18.6

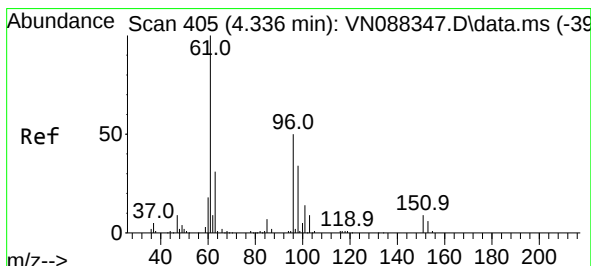
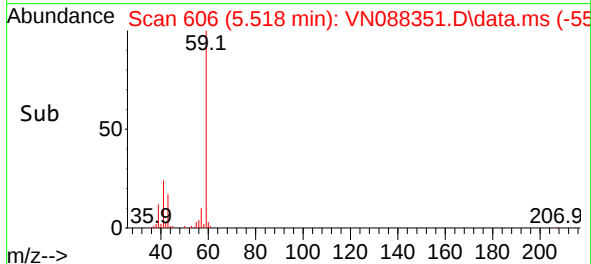
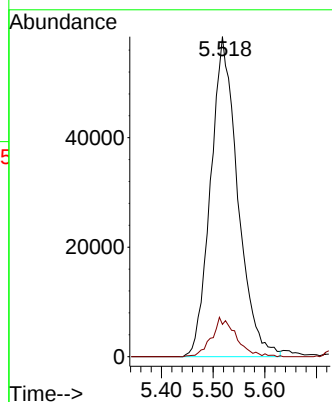
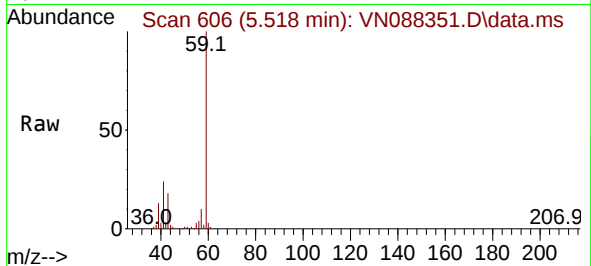




#11
Tert butyl alcohol
Concen: 268.272 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

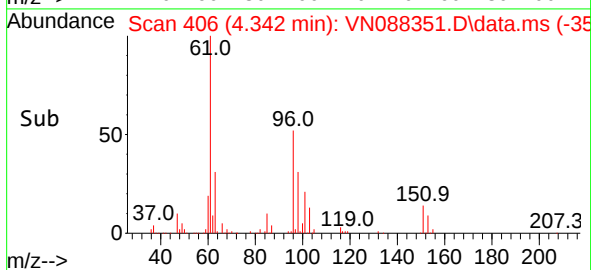
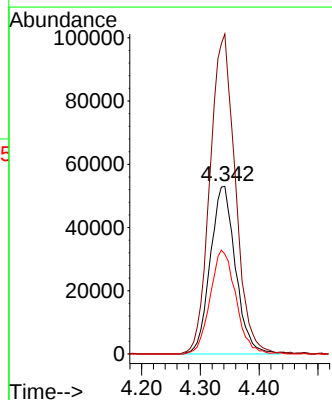
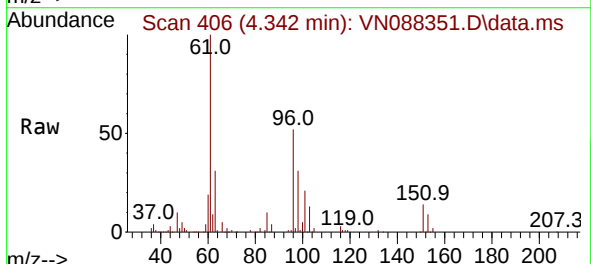
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

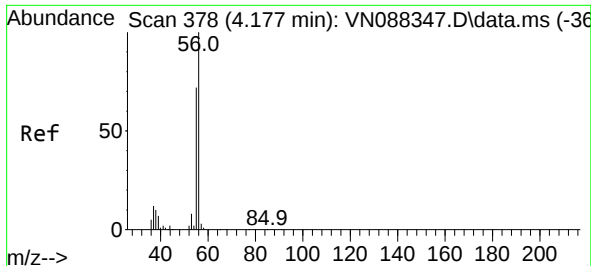
Tgt Ion: 59 Resp: 213569
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.957 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 96 Resp: 158096
Ion Ratio Lower Upper
96 100
61 190.9 159.1 238.7
98 59.5 53.7 80.5





#13

Acrolein

Concen: 266.656 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

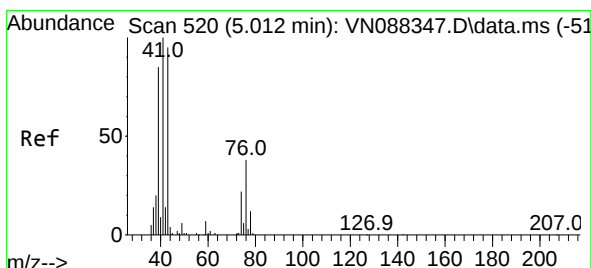
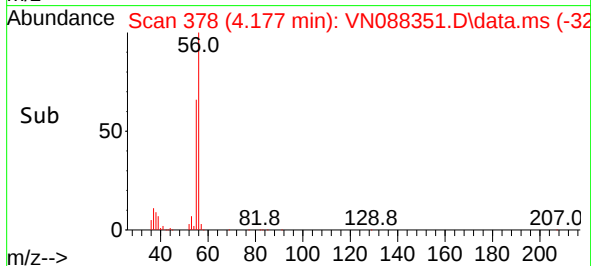
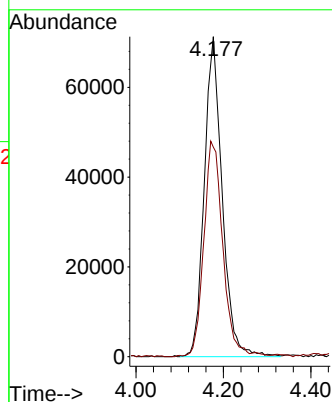
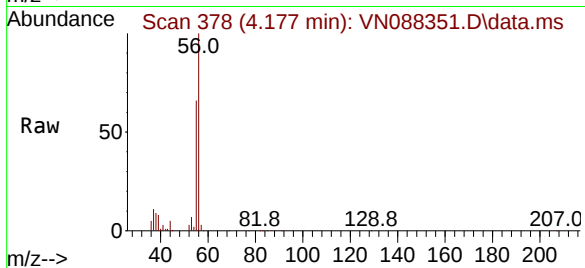
ICVVN112425

Tgt Ion: 56 Resp: 203235

Ion Ratio Lower Upper

56 100

55 71.1 56.3 84.5



#14

Allyl chloride

Concen: 53.793 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

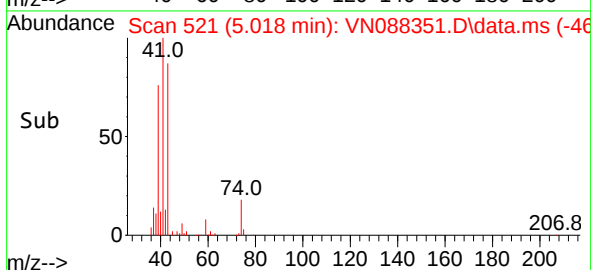
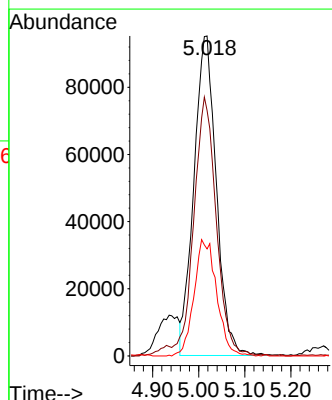
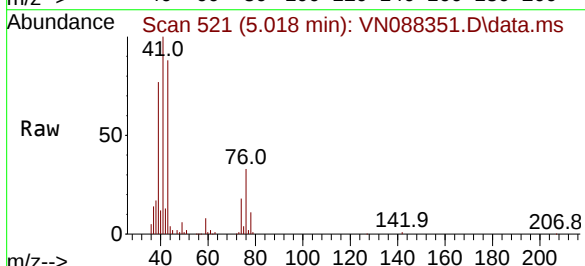
Tgt Ion: 41 Resp: 321979

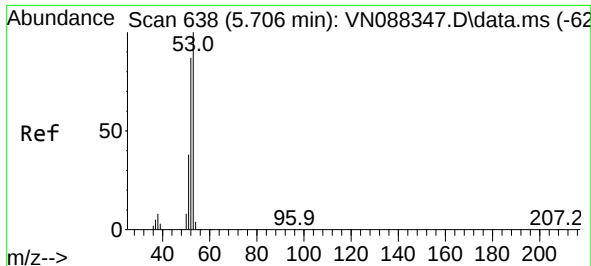
Ion Ratio Lower Upper

41 100

39 79.8 64.7 97.1

76 36.8 29.1 43.7

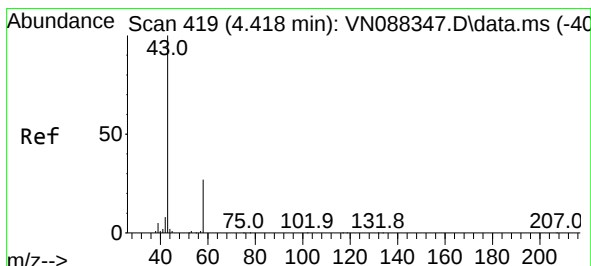
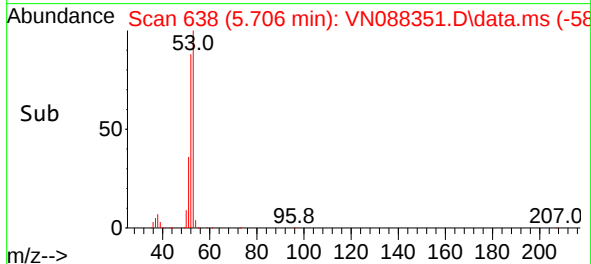
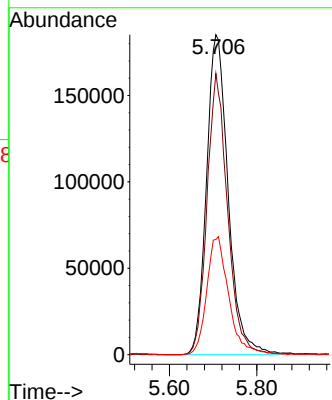
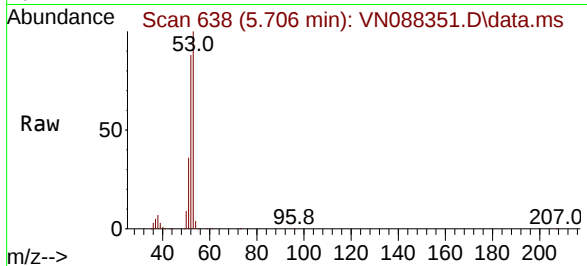




#15
Acrylonitrile
Concen: 277.614 ug/l
RT: 5.706 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

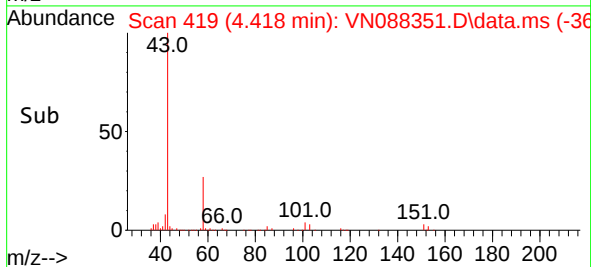
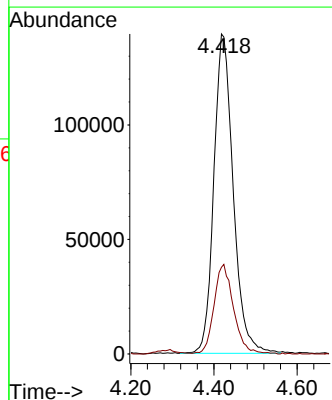
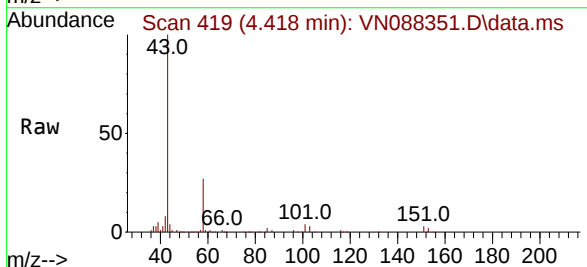
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

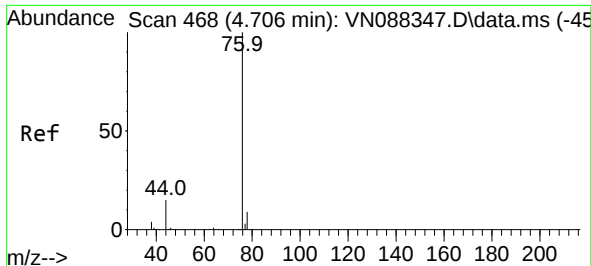
Tgt Ion: 53 Resp: 637644
Ion Ratio Lower Upper
53 100
52 83.4 67.8 101.6
51 37.5 29.8 44.8



#16
Acetone
Concen: 249.797 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 43 Resp: 450459
Ion Ratio Lower Upper
43 100
58 27.2 21.7 32.5

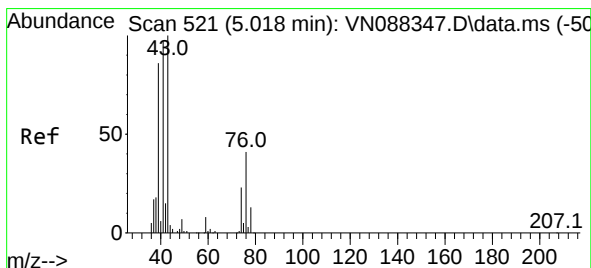
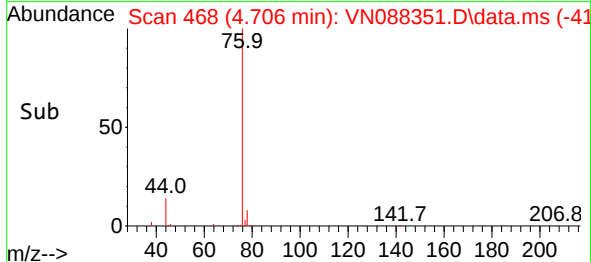
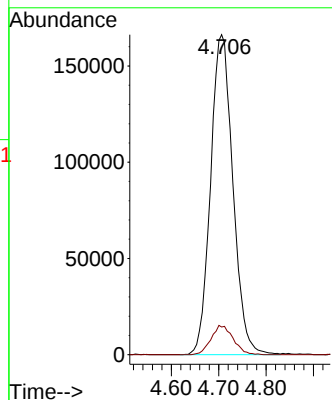
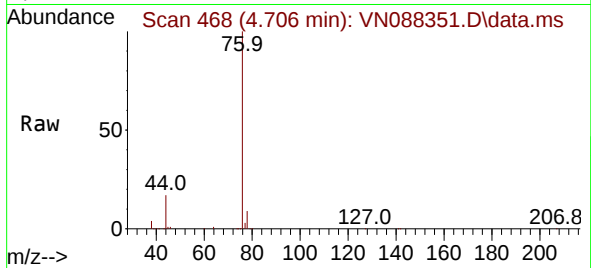




#17
Carbon Disulfide
Concen: 51.558 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

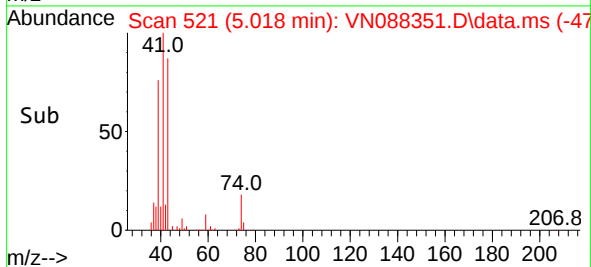
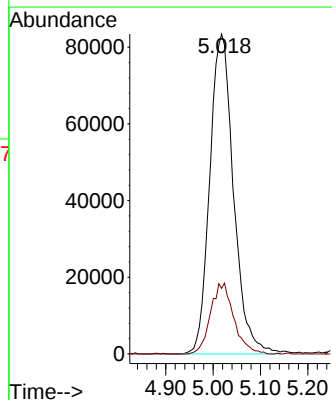
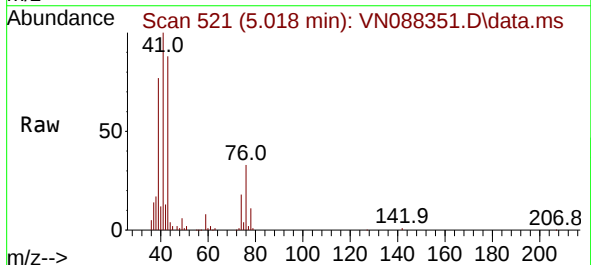
Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

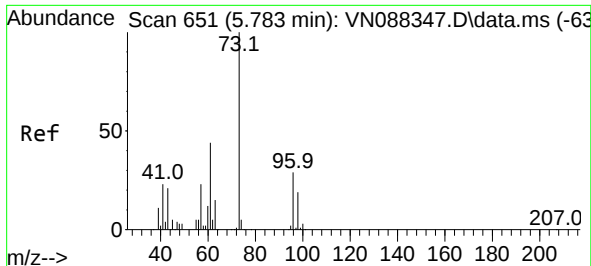
Tgt Ion: 76 Resp: 544067
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 54.196 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 43 Resp: 290918
Ion Ratio Lower Upper
43 100
74 21.7 17.9 26.9

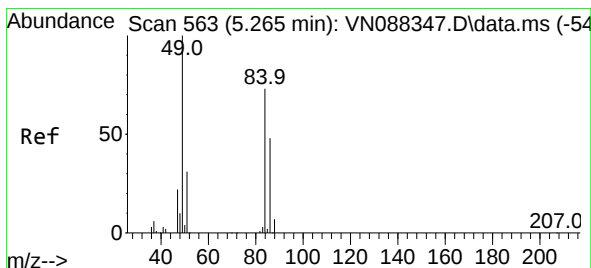
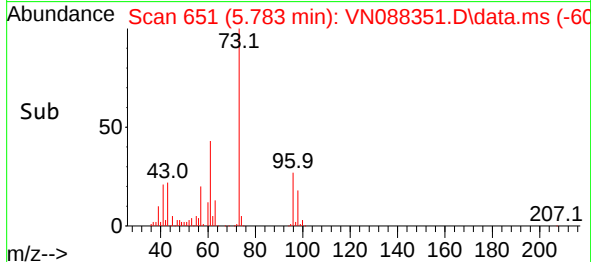
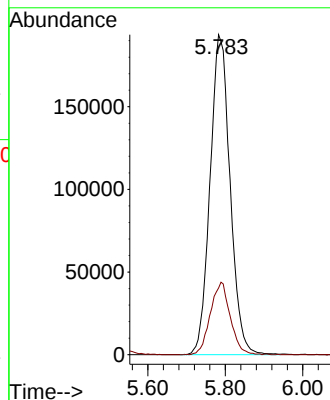
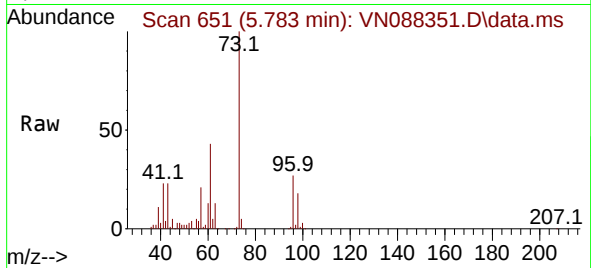




#19
Methyl tert-butyl Ether
Concen: 57.401 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

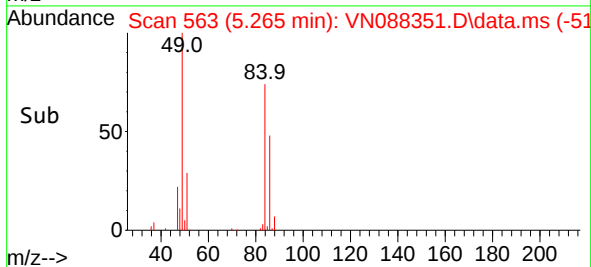
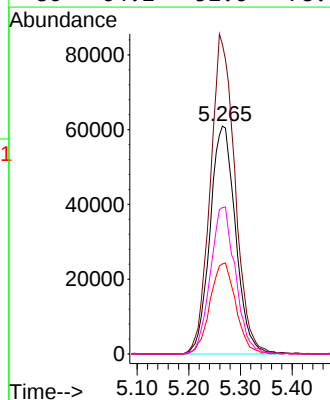
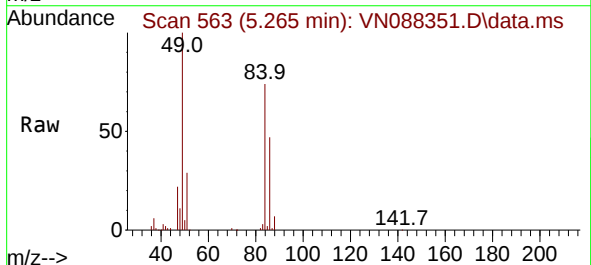
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

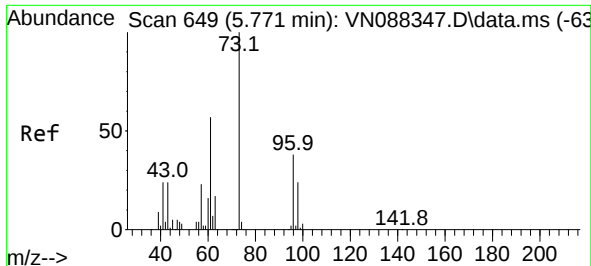
Tgt Ion: 73 Resp: 694497
Ion Ratio Lower Upper
73 100
57 20.8 18.6 28.0



#20
Methylene Chloride
Concen: 54.158 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 84 Resp: 208952
Ion Ratio Lower Upper
84 100
49 135.8 110.2 165.2
51 39.6 34.1 51.1
86 64.2 52.6 78.8

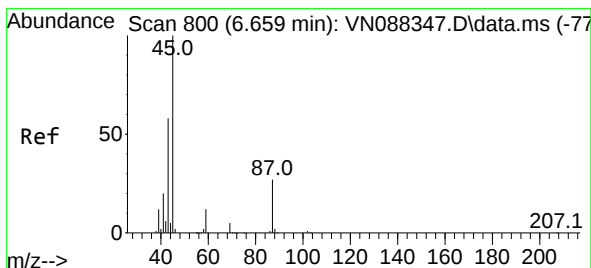
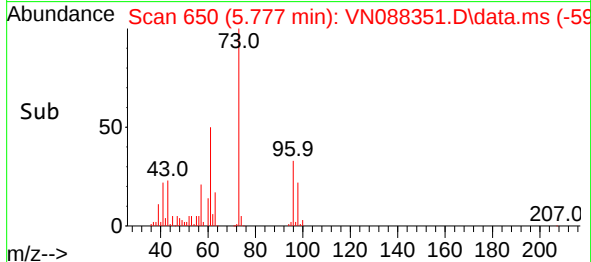
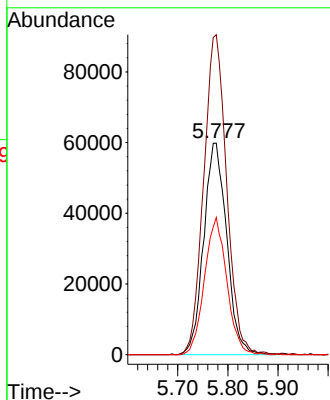
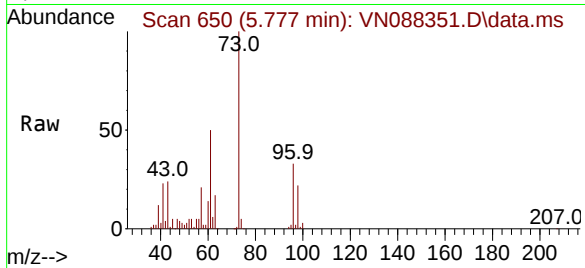




#21
trans-1,2-Dichloroethene
Concen: 53.421 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

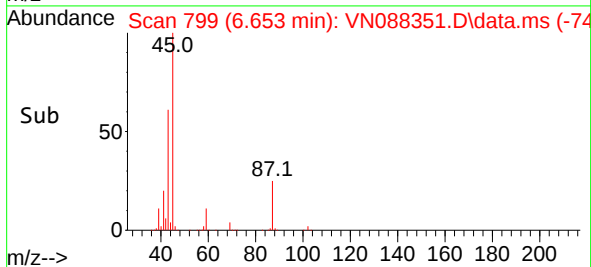
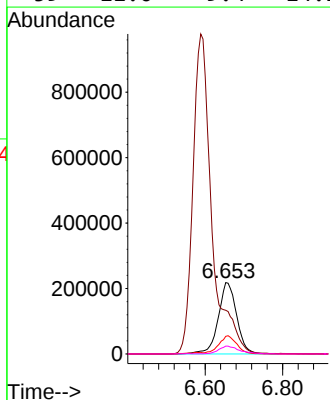
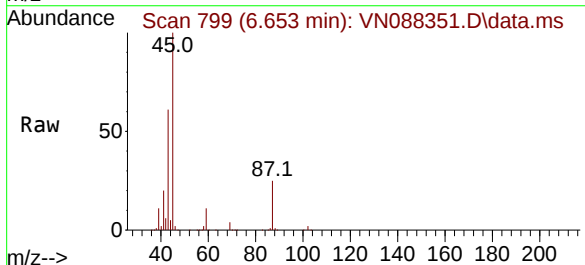
Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

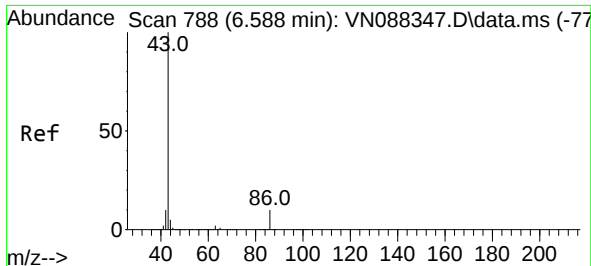
Tgt Ion: 96 Resp: 191102
Ion Ratio Lower Upper
96 100
61 151.3 122.4 183.6
98 64.8 50.9 76.3



#22
Diisopropyl ether
Concen: 56.335 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 45 Resp: 719883
Ion Ratio Lower Upper
45 100
43 60.8 47.4 71.2
87 24.7 21.9 32.9
59 11.0 9.4 14.2

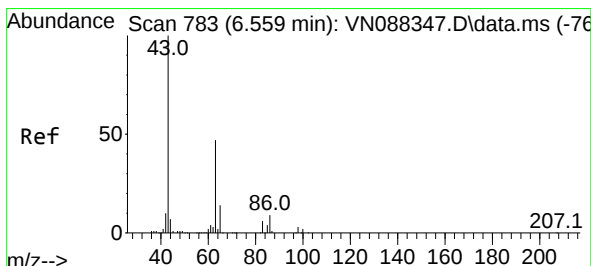
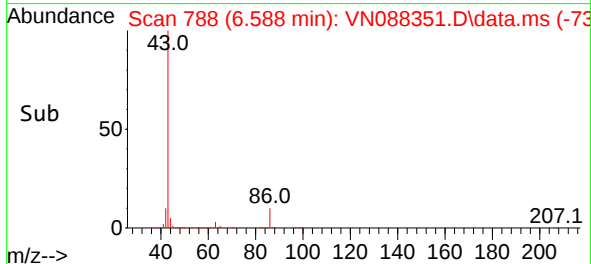
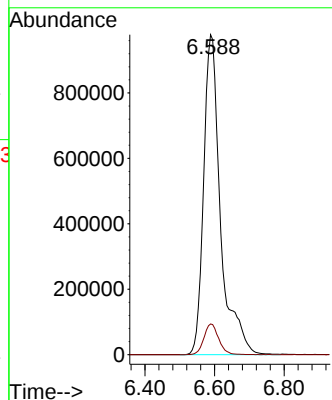
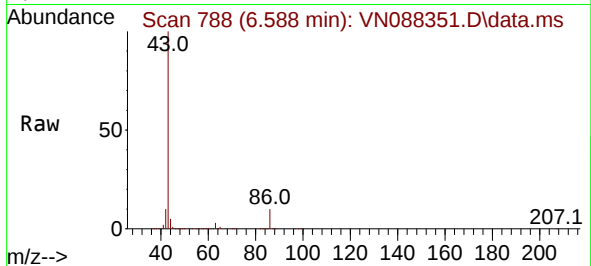




#23
 Vinyl Acetate
 Concen: 320.013 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088351.D
 Acq: 24 Nov 2025 15:18

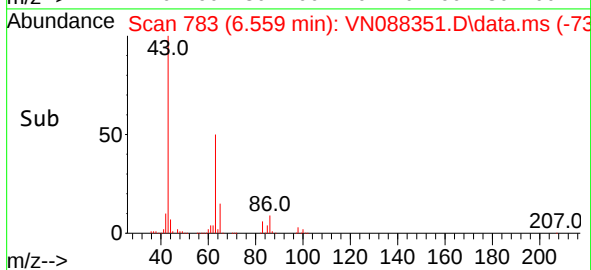
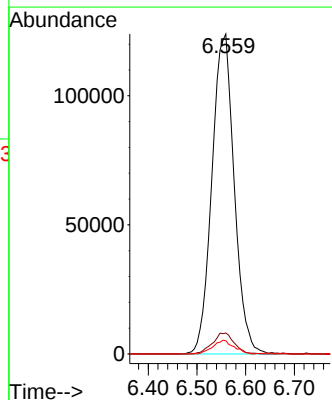
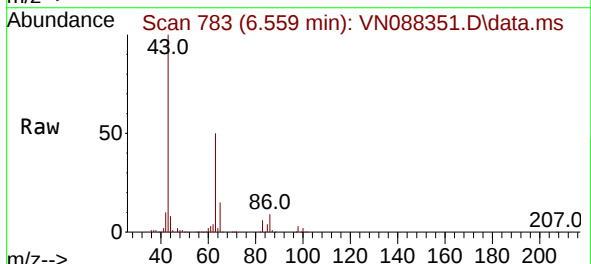
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVN112425

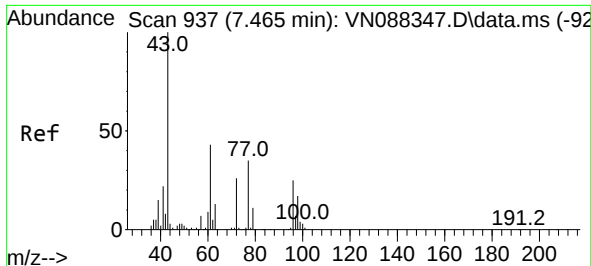
Tgt Ion: 43 Resp: 3294704
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 54.516 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN088351.D
 Acq: 24 Nov 2025 15:18

Tgt Ion: 63 Resp: 394512
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.1 1.9 5.7

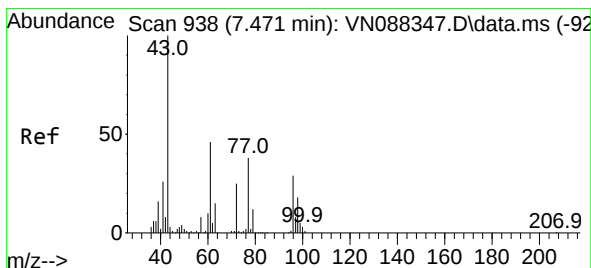
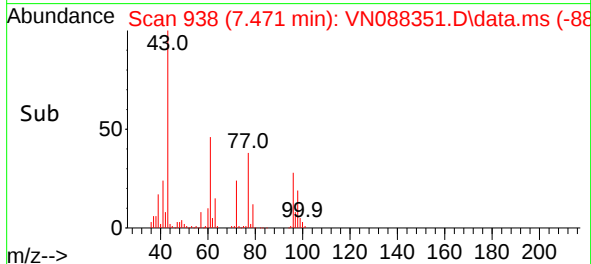
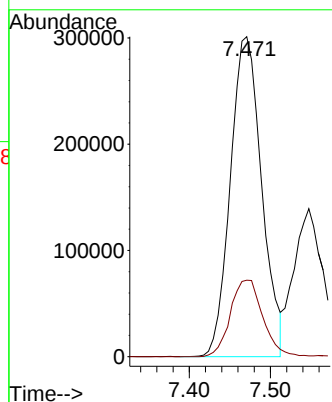
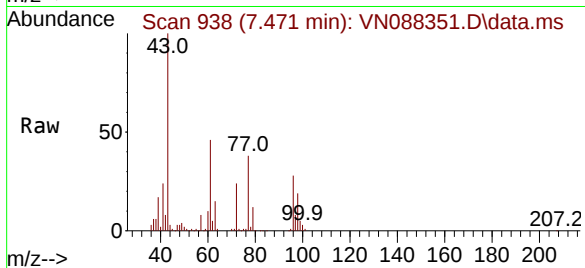




#25
2-Butanone
Concen: 278.613 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

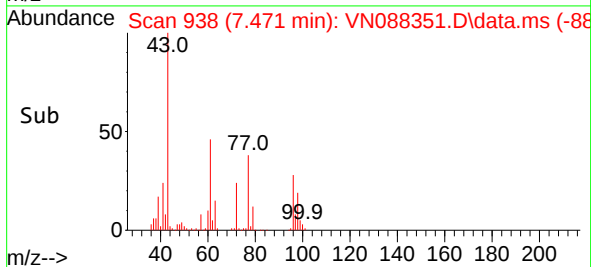
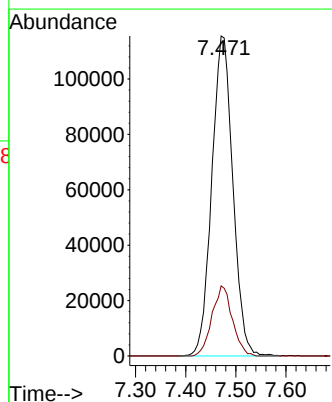
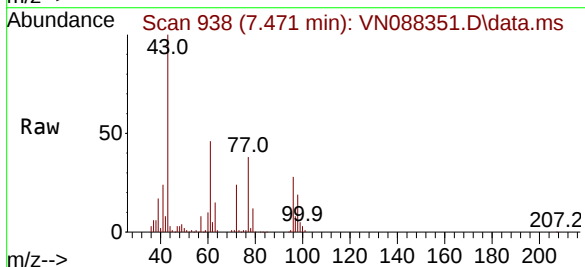
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

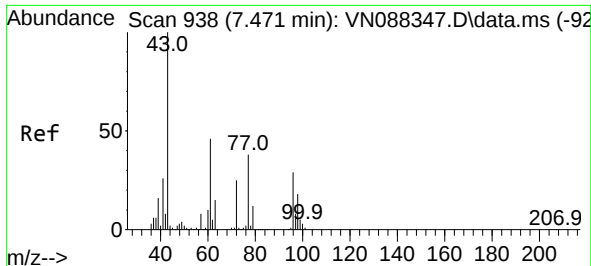
Tgt Ion: 43 Resp: 807706
Ion Ratio Lower Upper
43 100
72 23.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 53.957 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 77 Resp: 337031
Ion Ratio Lower Upper
77 100
97 21.1 10.3 30.9

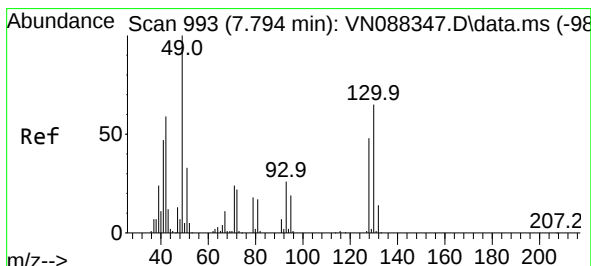
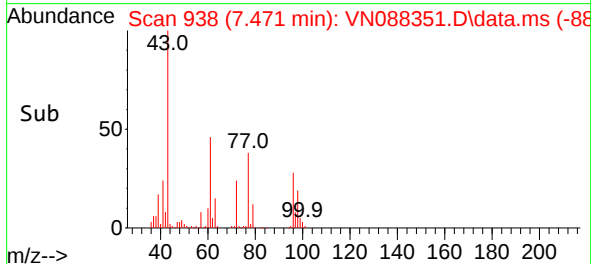
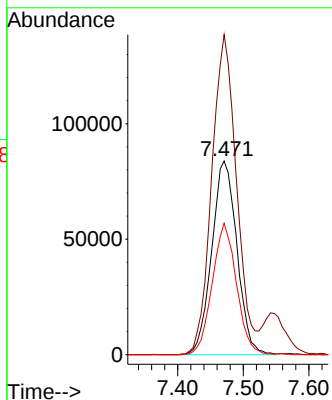
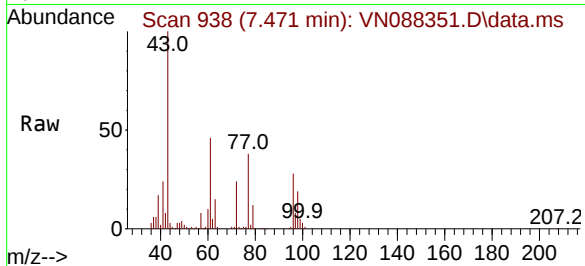




#27
 cis-1,2-Dichloroethene
 Concen: 53.866 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088351.D
 Acq: 24 Nov 2025 15:18

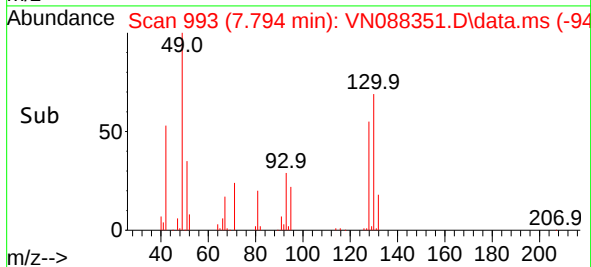
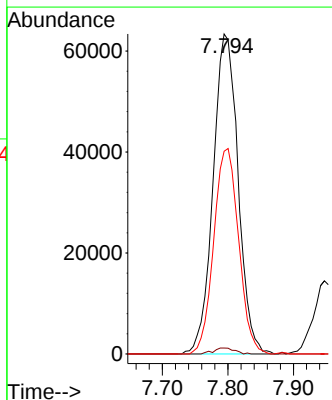
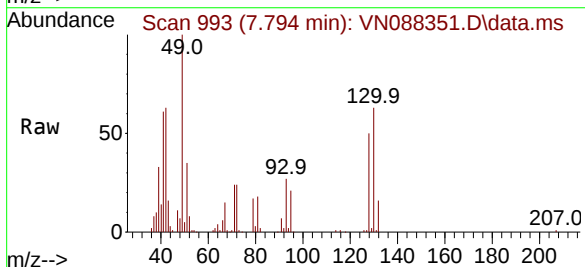
Instrument :
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 ClientSampleId :
 ICVVN112425

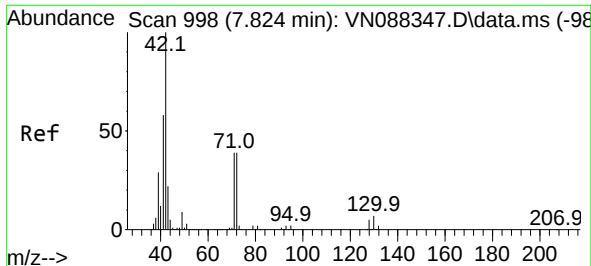
Tgt Ion: 96 Resp: 223944
 Ion Ratio Lower Upper
 96 100
 61 163.3 0.0 323.6
 98 65.0 0.0 127.2



#28
 Bromochloromethane
 Concen: 46.526 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088351.D
 Acq: 24 Nov 2025 15:18

Tgt Ion: 49 Resp: 167723
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.6
 130 63.8 51.1 76.7





#29

Tetrahydrofuran

Concen: 279.515 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVN112425

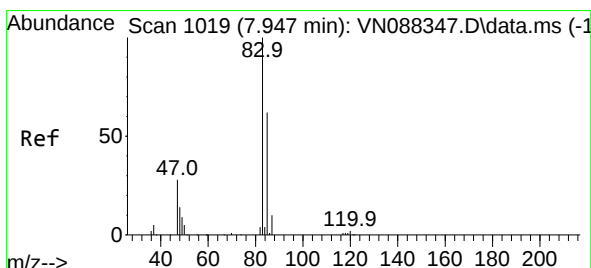
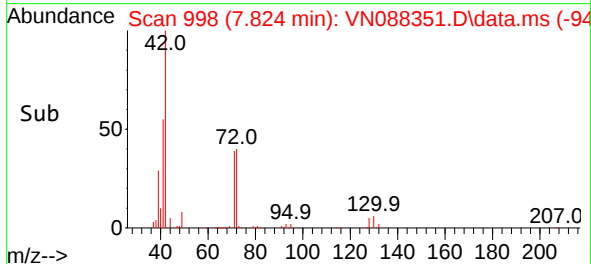
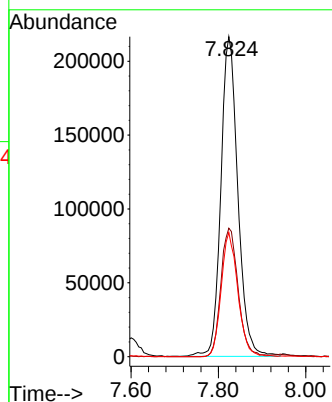
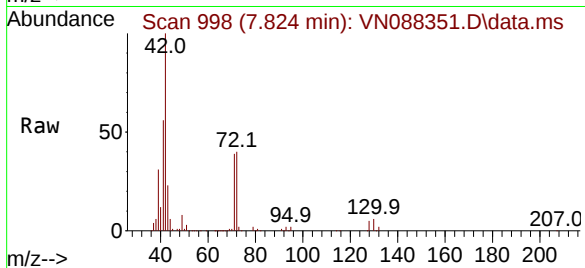
Tgt Ion: 42 Resp: 581218

Ion Ratio Lower Upper

42 100

72 41.0 32.2 48.4

71 38.0 31.1 46.7



#30

Chloroform

Concen: 53.957 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088351.D

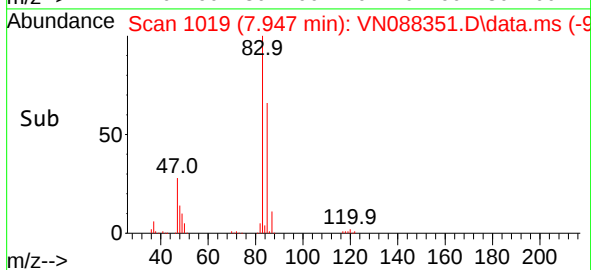
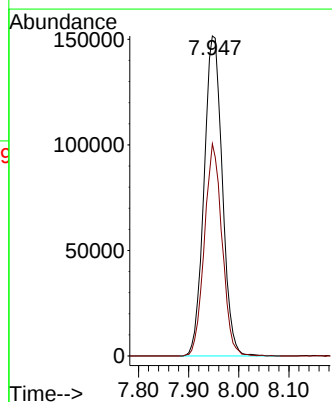
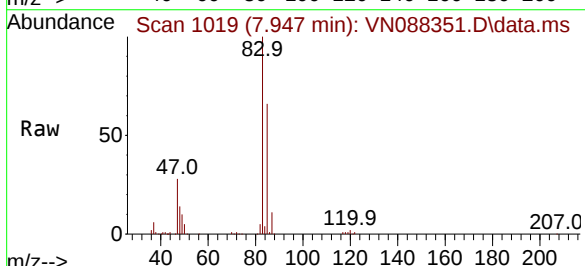
Acq: 24 Nov 2025 15:18

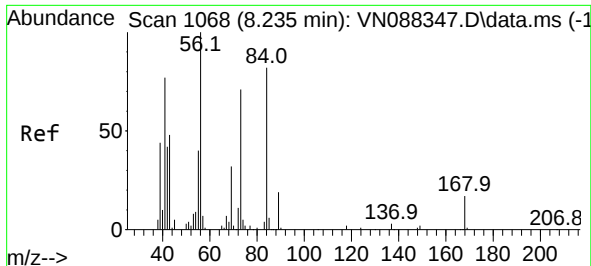
Tgt Ion: 83 Resp: 383675

Ion Ratio Lower Upper

83 100

85 66.3 49.8 74.8

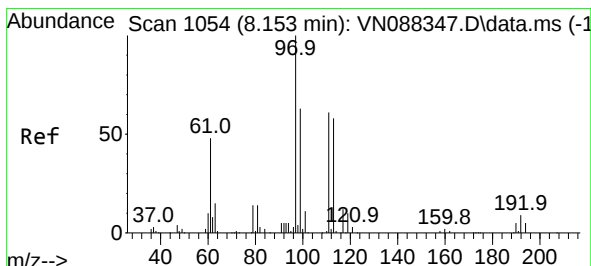
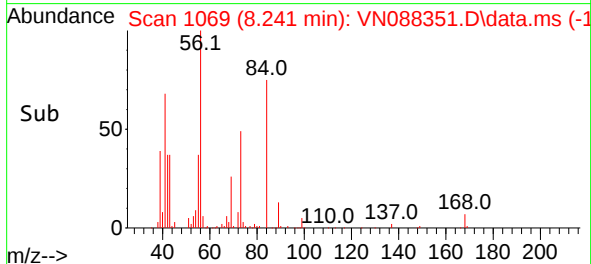
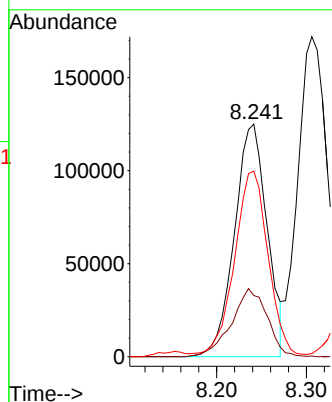
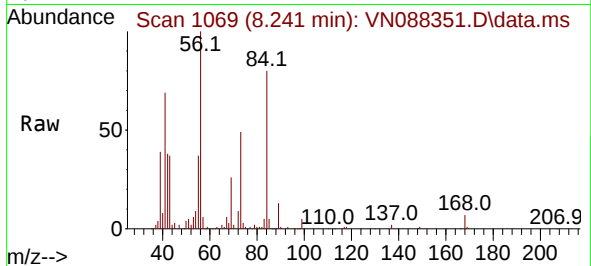




#31
Cyclohexane
Concen: 48.211 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

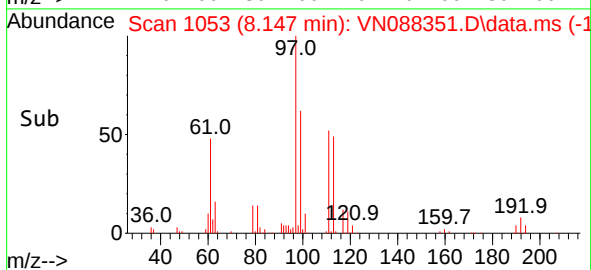
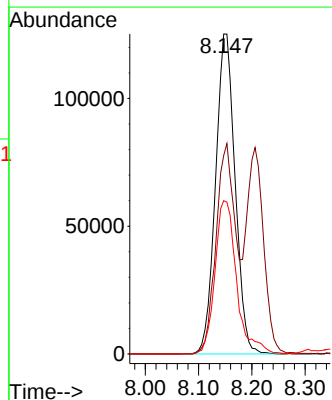
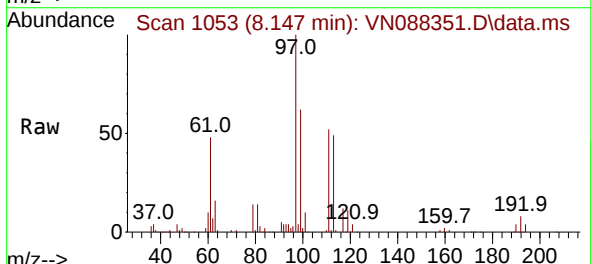
Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

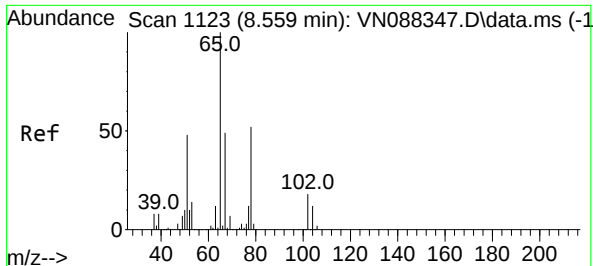
Tgt Ion: 56 Resp: 316159
Ion Ratio Lower Upper
56 100
69 26.3 25.3 37.9
84 77.8 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 51.150 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 97 Resp: 319795
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 52.9 42.2 63.2

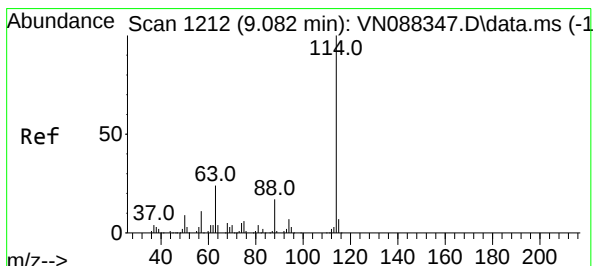
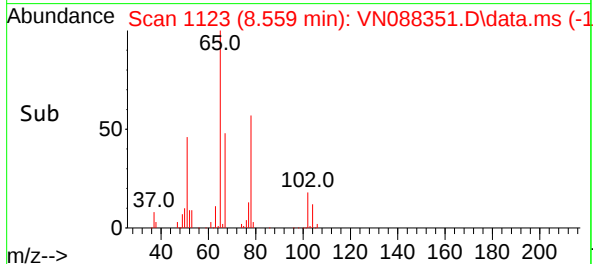
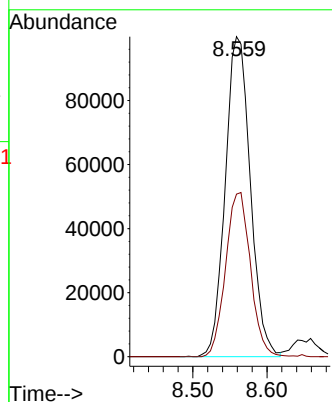
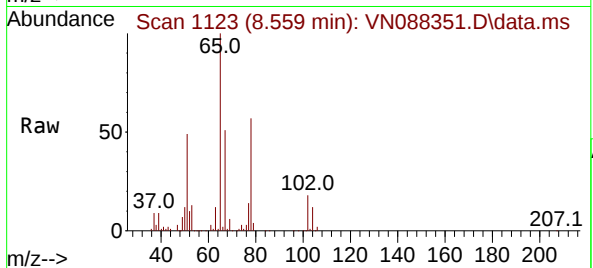




#33
1,2-Dichloroethane-d4
Concen: 47.098 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

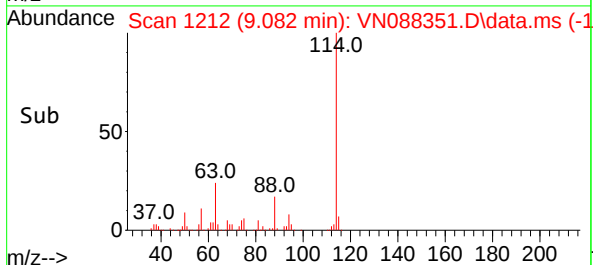
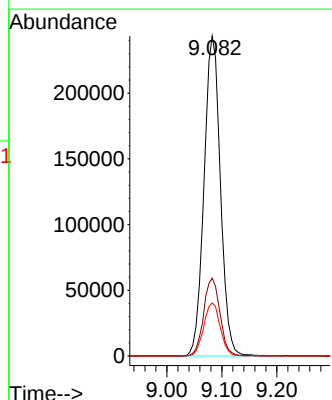
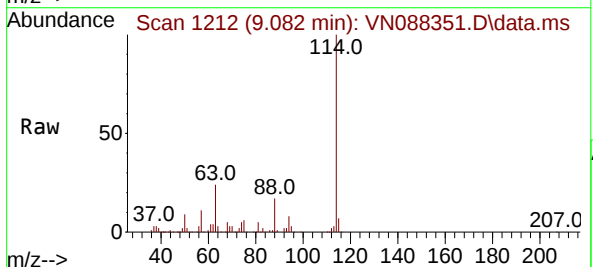
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

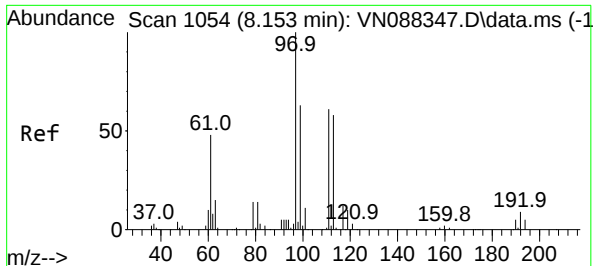
Tgt Ion: 65 Resp: 234844
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 114 Resp: 504031
Ion Ratio Lower Upper
114 100
63 24.3 0.0 49.0
88 16.6 0.0 34.0

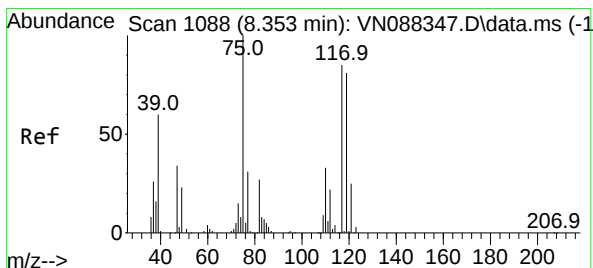
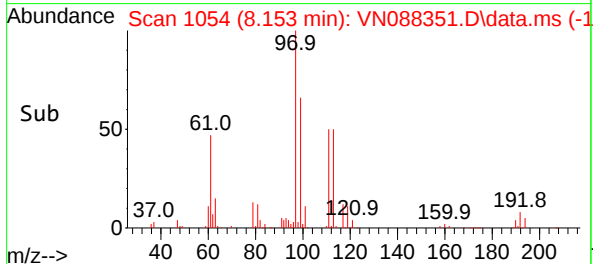
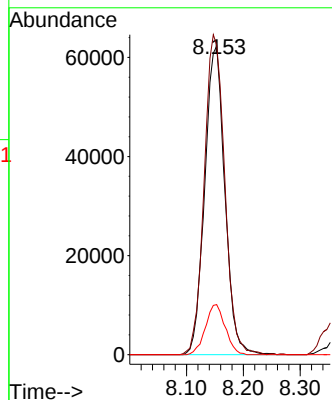
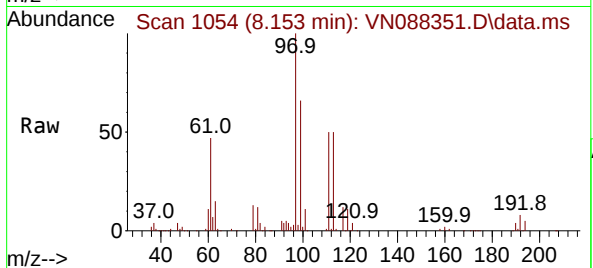




#35
Dibromofluoromethane
Concen: 43.757 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

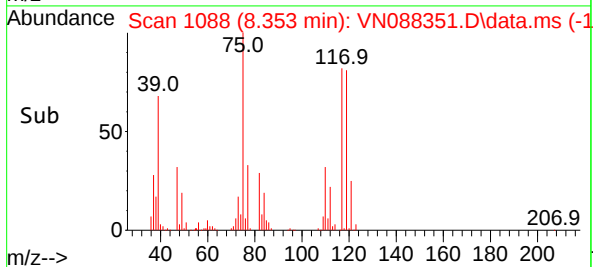
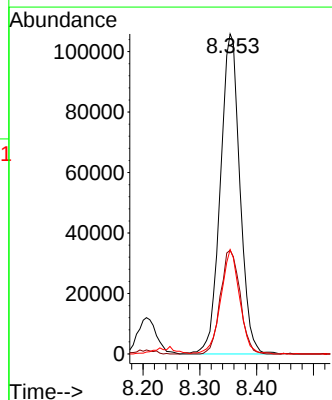
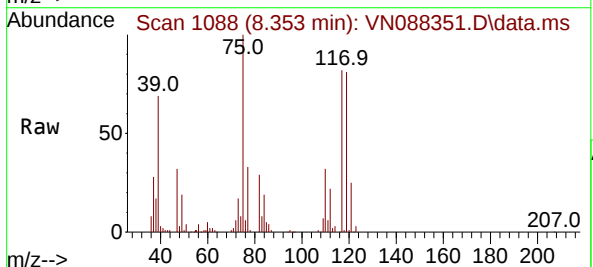
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

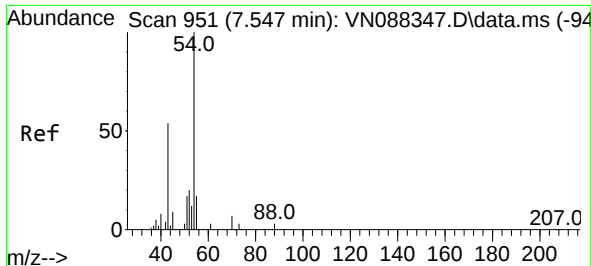
Tgt Ion:113 Resp: 152840
Ion Ratio Lower Upper
113 100
111 105.6 82.5 123.7
192 16.0 12.8 19.2



#36
1,1-Dichloropropene
Concen: 46.967 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 75 Resp: 253183
Ion Ratio Lower Upper
75 100
110 32.5 15.8 47.4
77 31.5 24.2 36.2

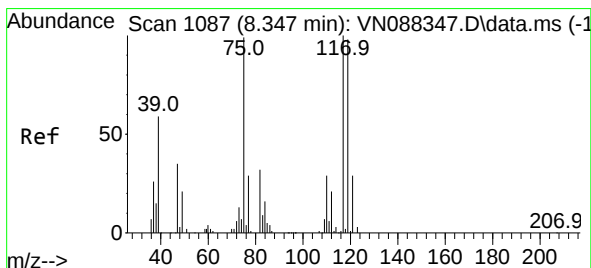
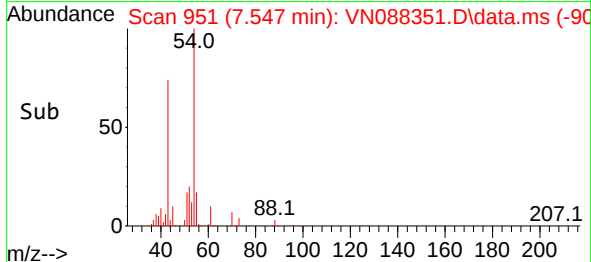
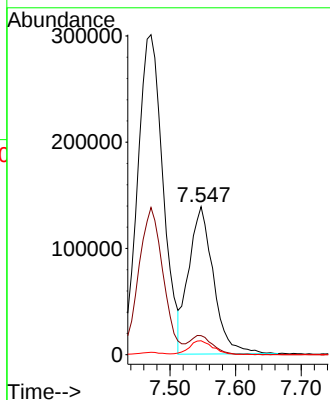
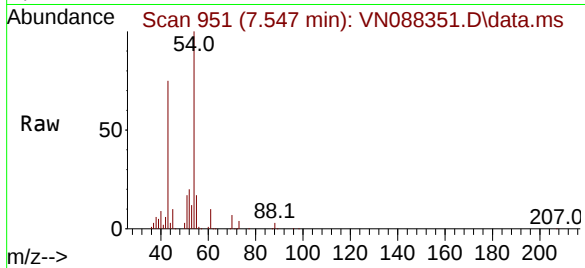




#37
Ethyl Acetate
Concen: 51.431 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

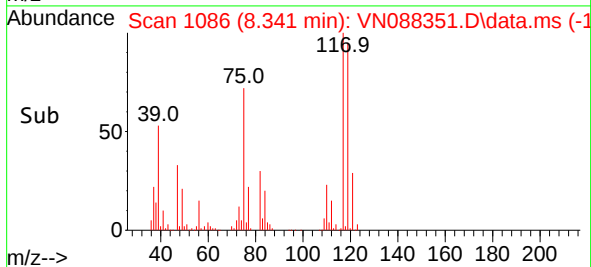
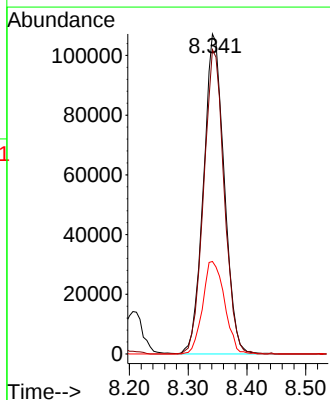
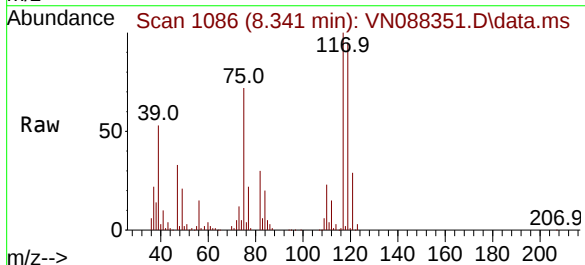
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

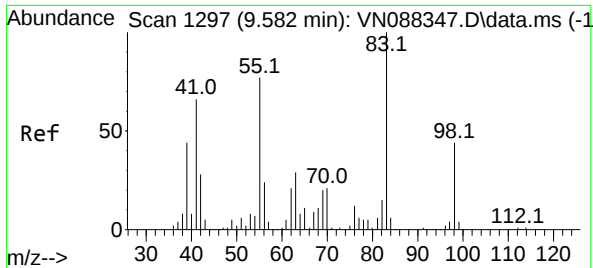
Tgt Ion: 43 Resp: 364546
Ion Ratio Lower Upper
43 100
61 11.8 9.5 14.3
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 48.837 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 117 Resp: 262078
Ion Ratio Lower Upper
117 100
119 95.1 78.2 117.4
121 28.9 23.4 35.2





#39

Methylcyclohexane

Concen: 47.913 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVN112425

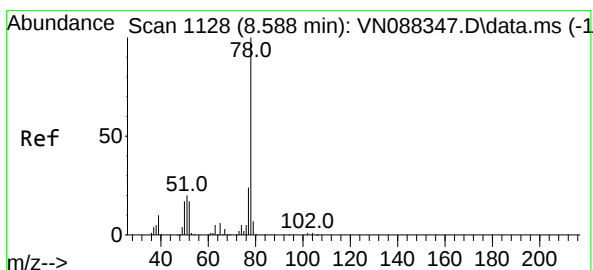
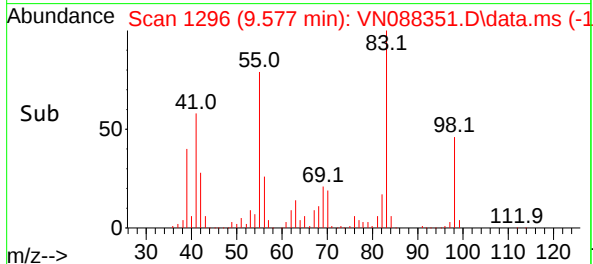
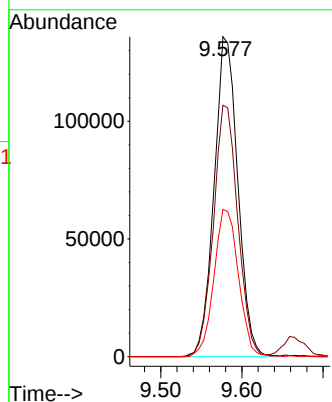
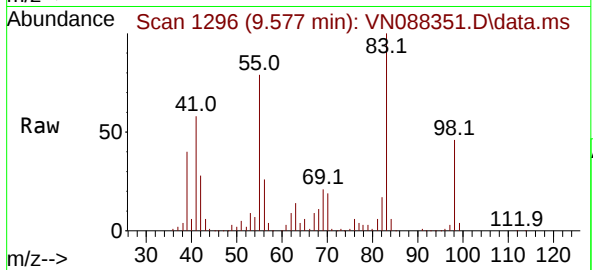
Tgt Ion: 83 Resp: 276272

Ion Ratio Lower Upper

83 100

55 78.6 61.6 92.4

98 46.0 35.3 52.9



#40

Benzene

Concen: 50.800 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088351.D

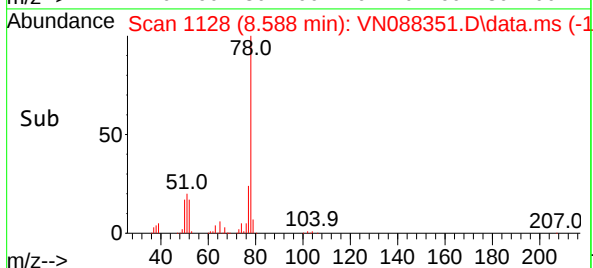
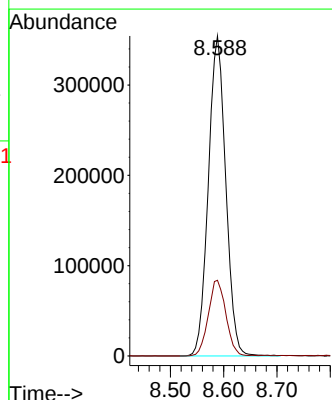
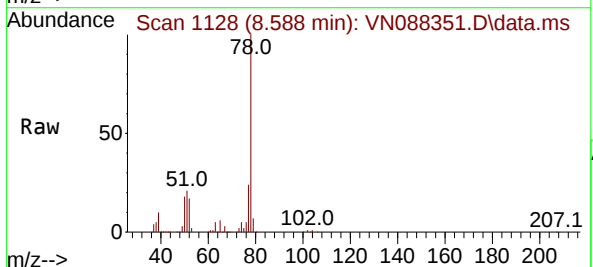
Acq: 24 Nov 2025 15:18

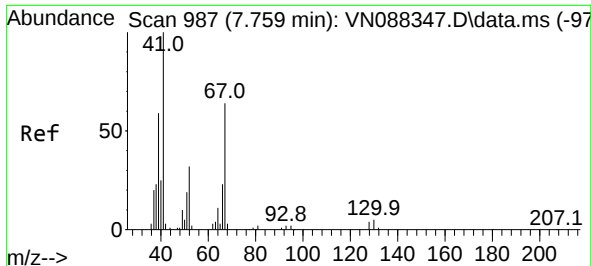
Tgt Ion: 78 Resp: 803742

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4

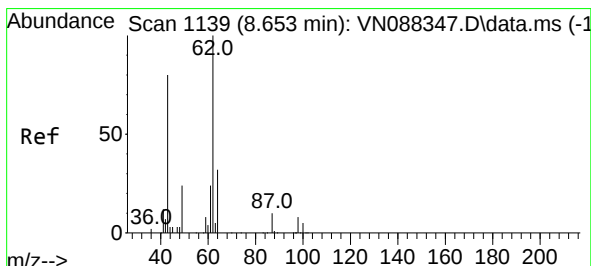
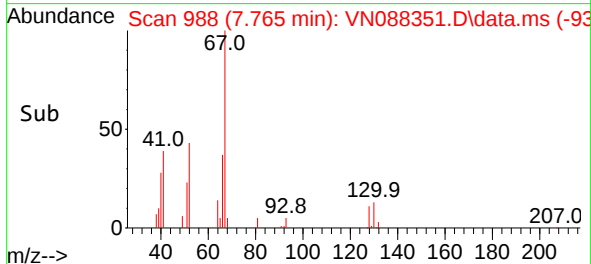
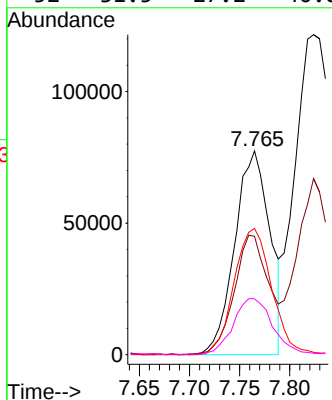
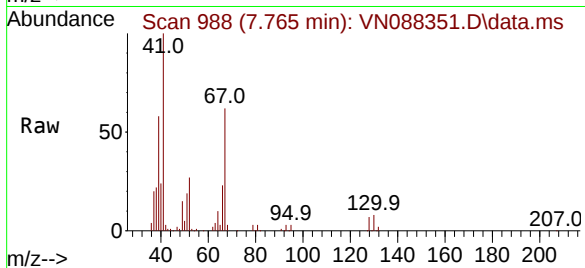




#41
Methacrylonitrile
Concen: 53.883 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

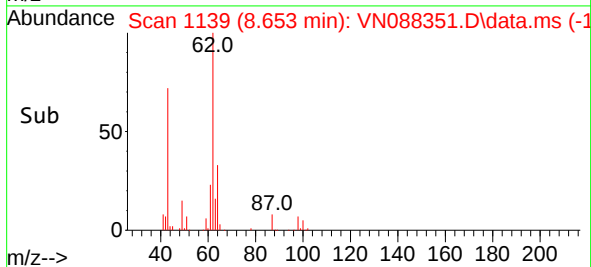
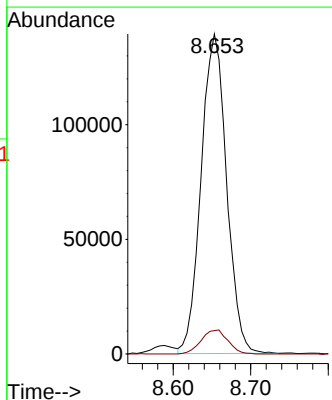
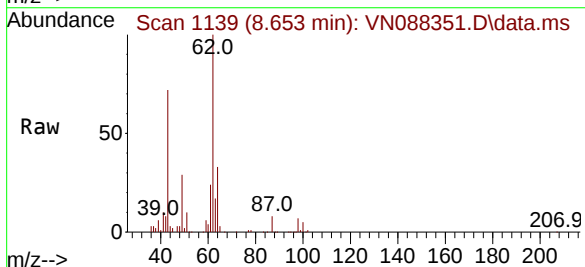
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

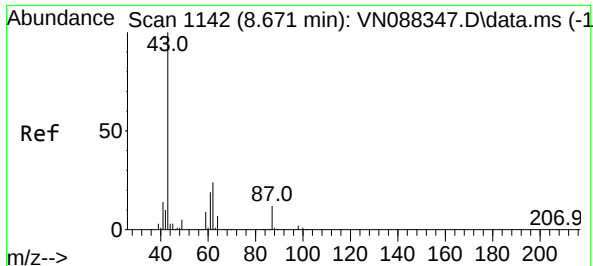
Tgt Ion: 41 Resp: 189164
Ion Ratio Lower Upper
41 100
39 57.7 46.3 69.5
67 66.6 54.7 82.1
52 31.5 27.2 40.8



#42
1,2-Dichloroethane
Concen: 52.806 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 62 Resp: 318757
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.2

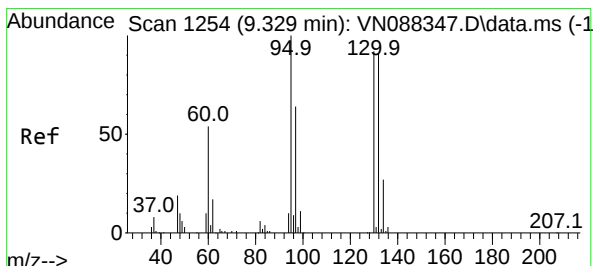
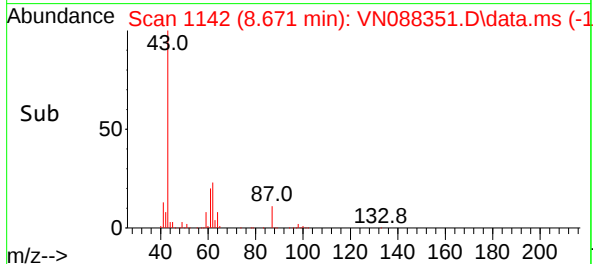
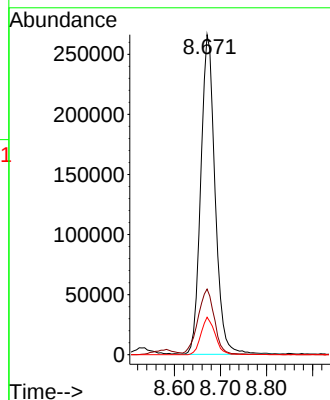
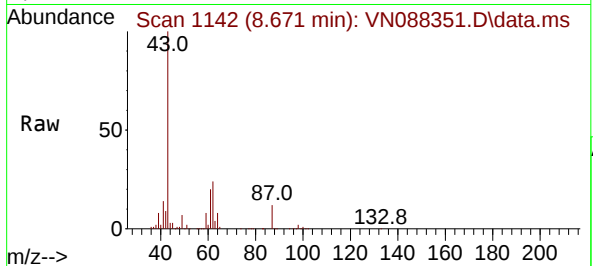




#43
Isopropyl Acetate
Concen: 53.165 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

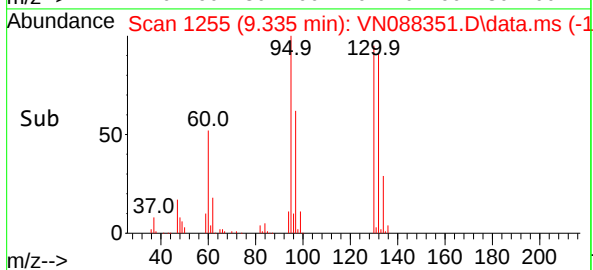
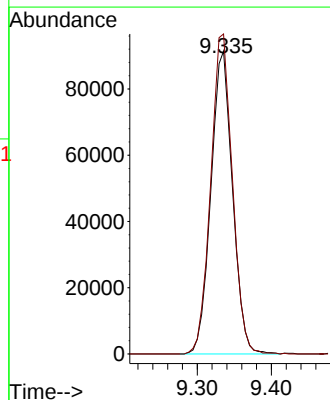
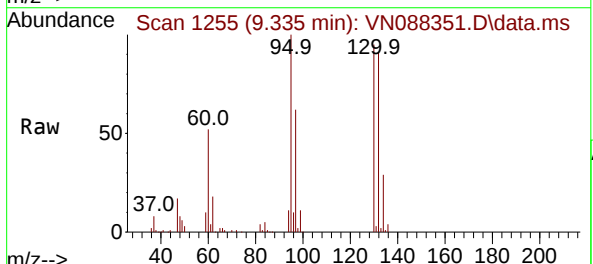
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

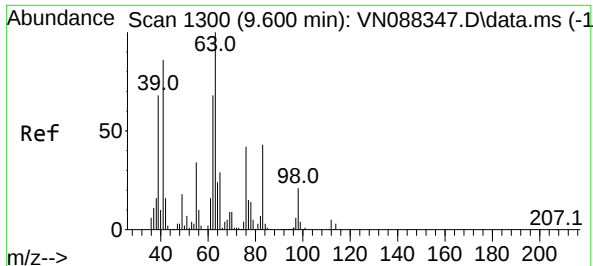
Tgt Ion: 43 Resp: 575762
Ion Ratio Lower Upper
43 100
61 23.4 18.7 28.1
87 11.6 9.1 13.7



#44
Trichloroethene
Concen: 49.444 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion:130 Resp: 184844
Ion Ratio Lower Upper
130 100
95 105.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 52.095 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

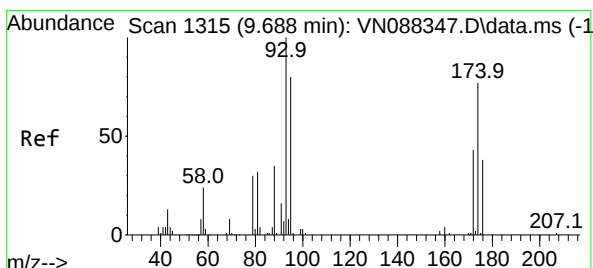
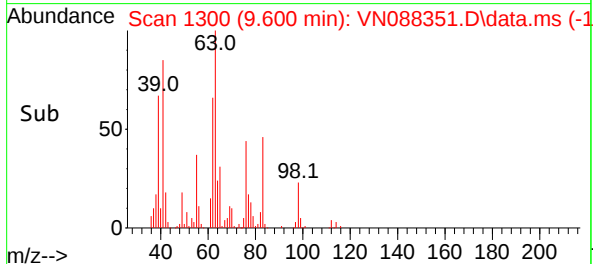
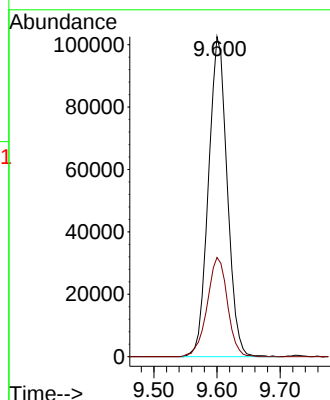
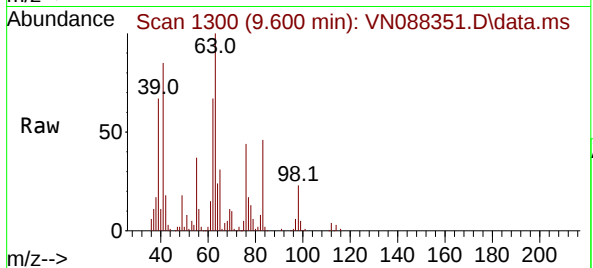
ICVVN112425

Tgt Ion: 63 Resp: 211177

Ion Ratio Lower Upper

63 100

65 31.0 23.0 34.4



#46

Dibromomethane

Concen: 52.686 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

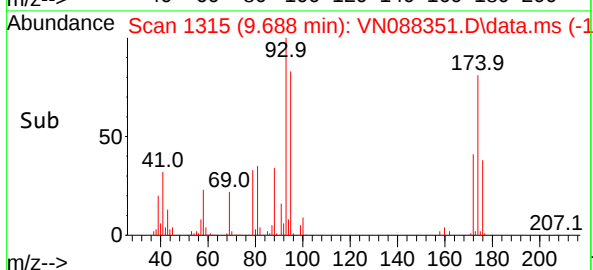
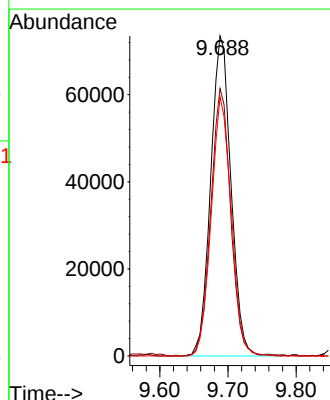
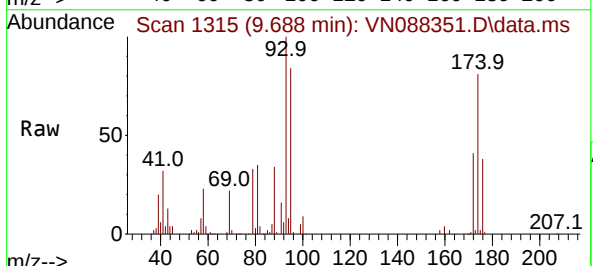
Tgt Ion: 93 Resp: 152417

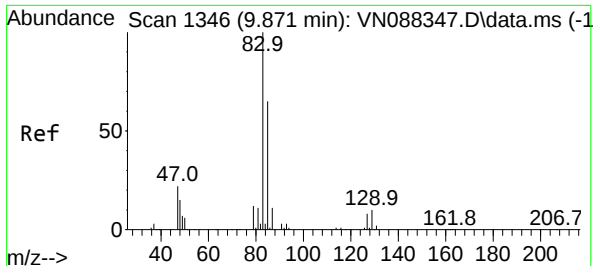
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.6

174 79.9 64.3 96.5





#47

Bromodichloromethane

Concen: 52.155 ug/l

RT: 9.871 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVN112425

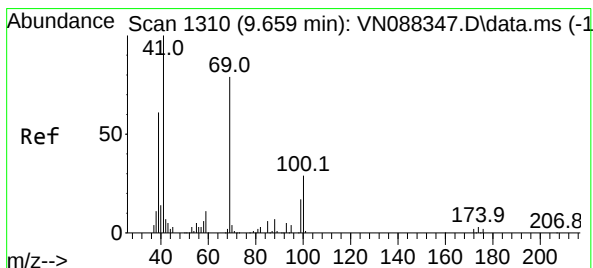
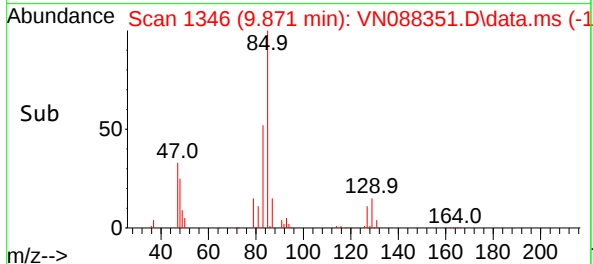
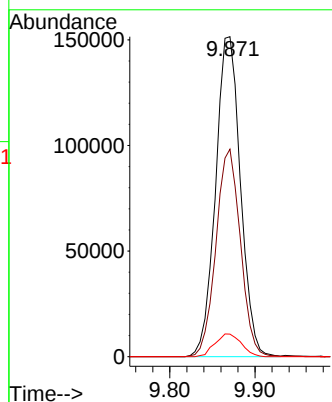
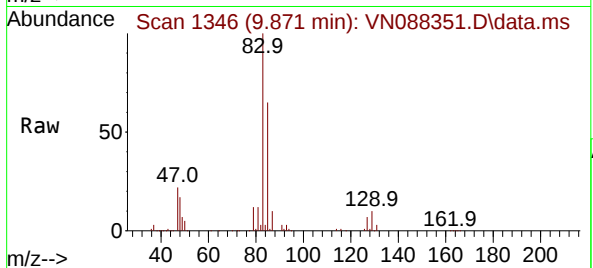
Tgt Ion: 83 Resp: 307856

Ion Ratio Lower Upper

83 100

85 64.9 51.9 77.9

127 7.1 6.3 9.5



#48

Methyl methacrylate

Concen: 54.535 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

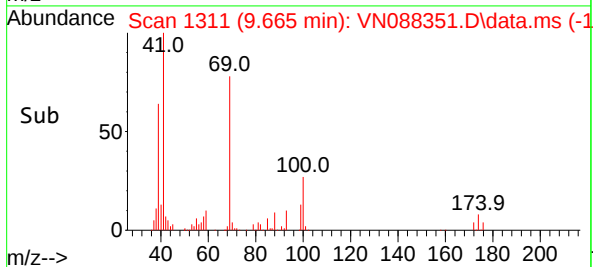
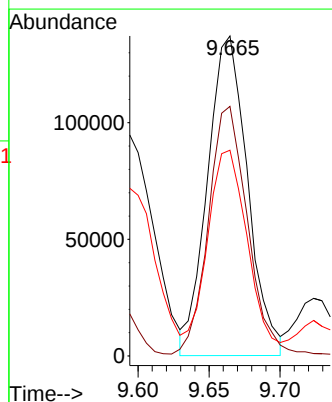
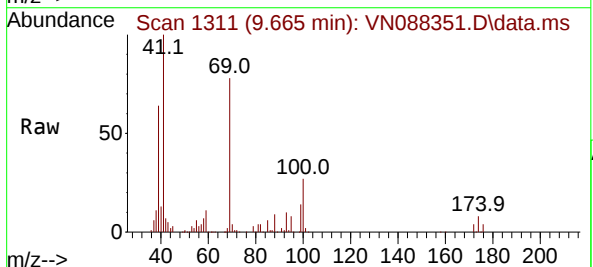
Tgt Ion: 41 Resp: 269474

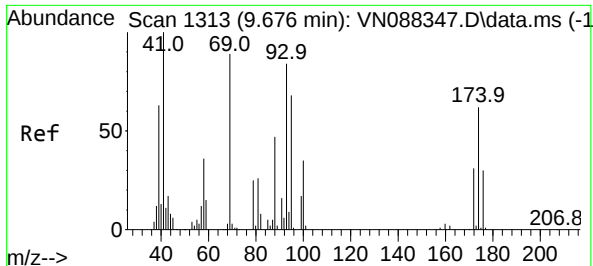
Ion Ratio Lower Upper

41 100

69 77.2 62.4 93.6

39 64.9 52.6 79.0





#49

1,4-Dioxane

Concen: 1021.452 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

ICNVN112425

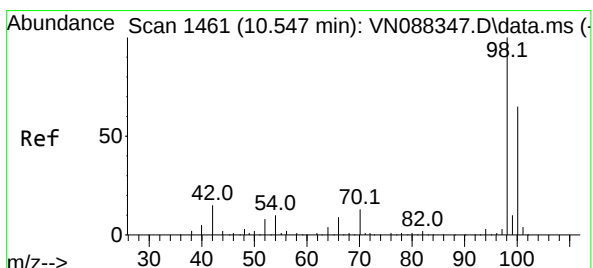
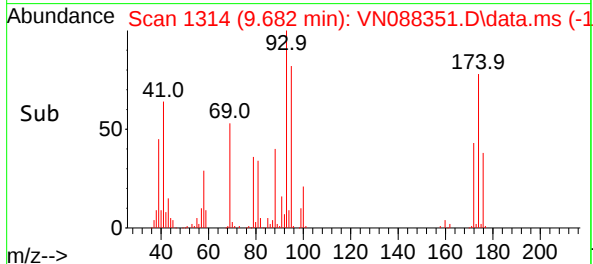
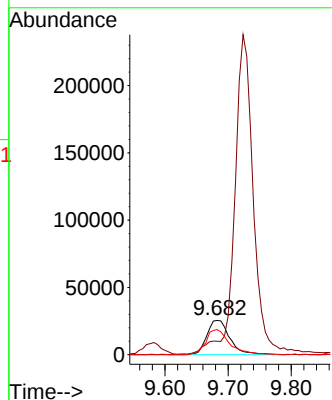
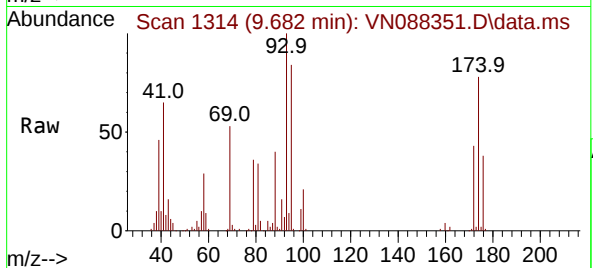
Tgt Ion: 88 Resp: 64188

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.7 62.0 93.0



#50

Toluene-d8

Concen: 44.193 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088351.D

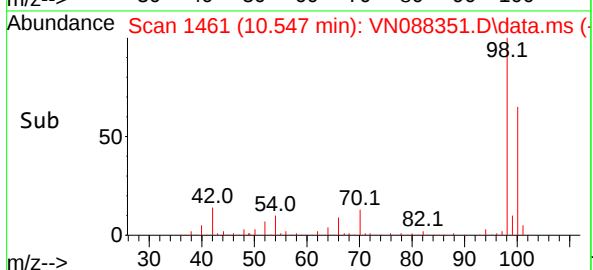
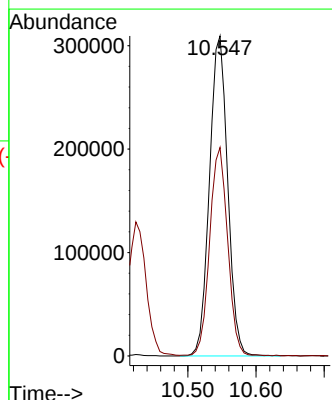
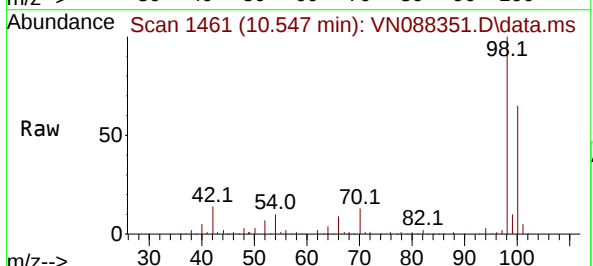
Acq: 24 Nov 2025 15:18

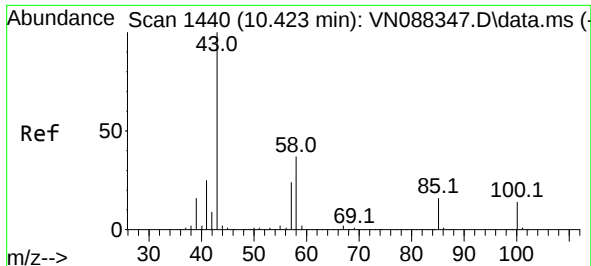
Tgt Ion: 98 Resp: 574351

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2

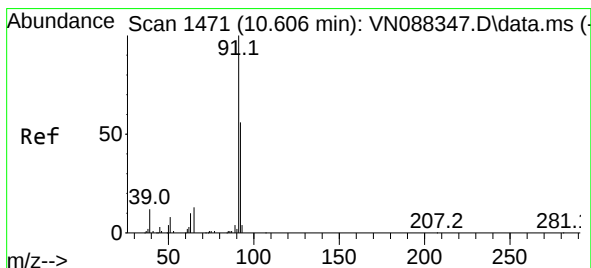
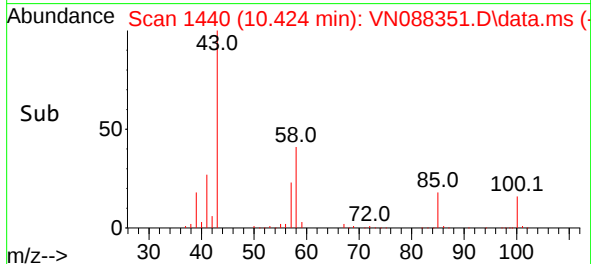
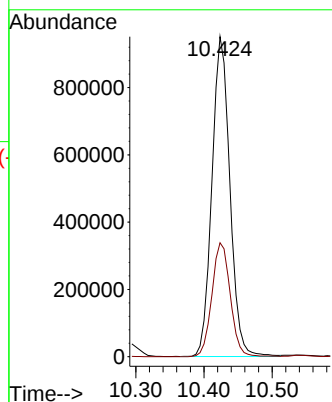
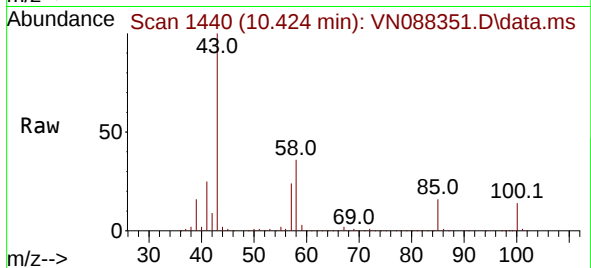




#51
4-Methyl-2-Pentanone
Concen: 273.447 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

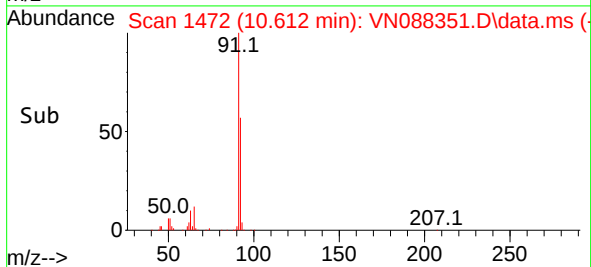
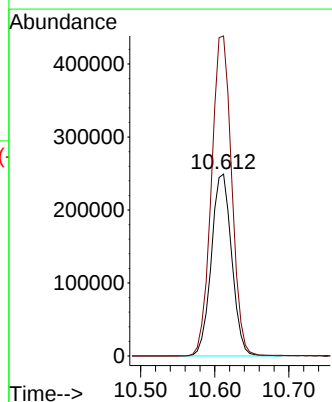
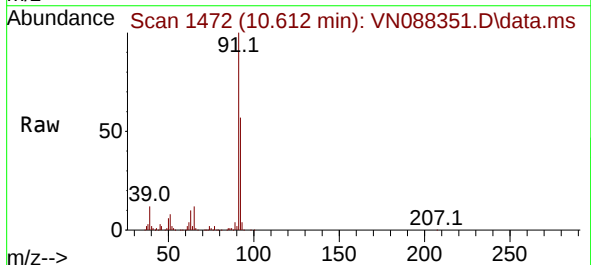
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

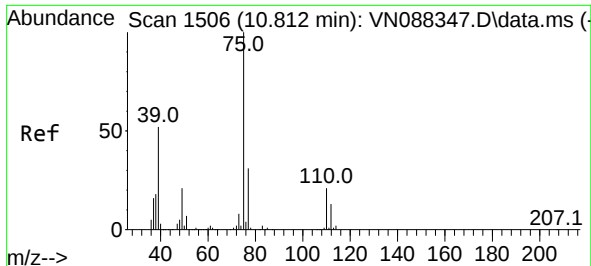
Tgt Ion: 43 Resp: 1745522
Ion Ratio Lower Upper
43 100
58 36.4 29.1 43.7



#52
Toluene
Concen: 51.998 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 92 Resp: 475044
Ion Ratio Lower Upper
92 100
91 175.5 140.2 210.2

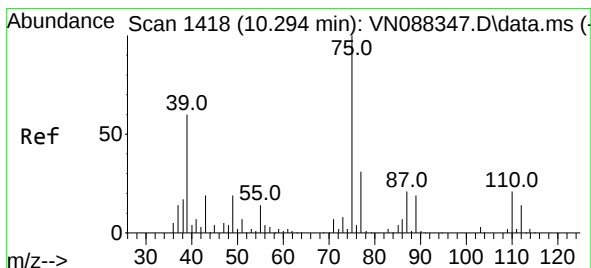
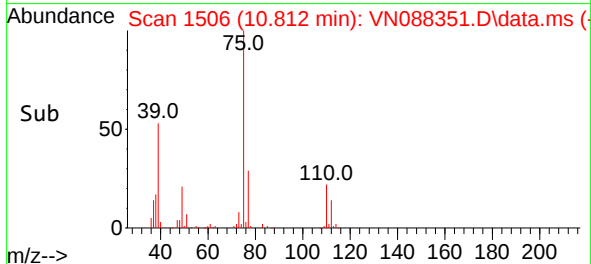
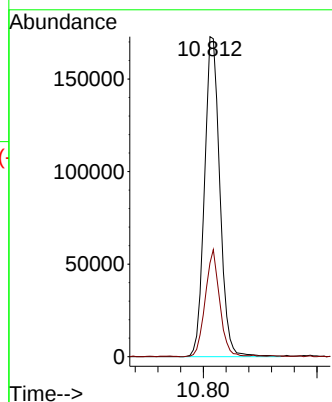
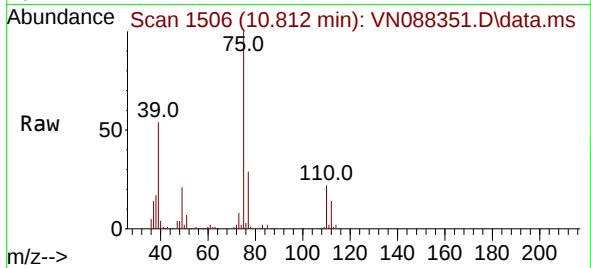




#53
t-1,3-Dichloropropene
Concen: 53.428 ug/l
RT: 10.812 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

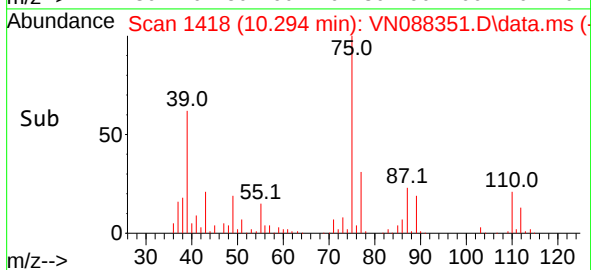
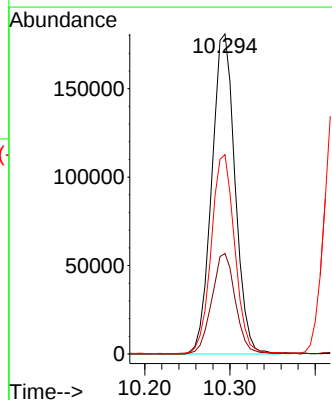
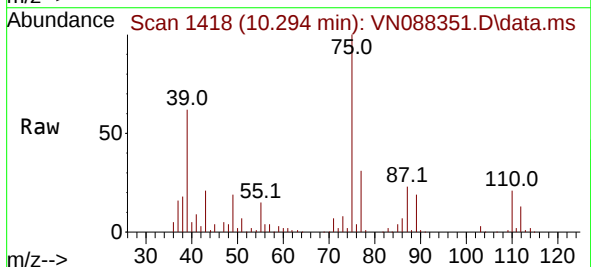
Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

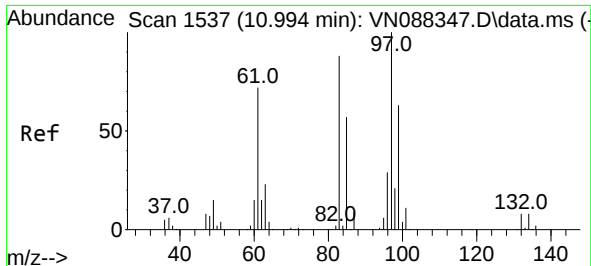
Tgt Ion: 75 Resp: 323712
Ion Ratio Lower Upper
75 100
77 29.3 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 54.081 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 75 Resp: 344582
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7
39 62.1 48.3 72.5

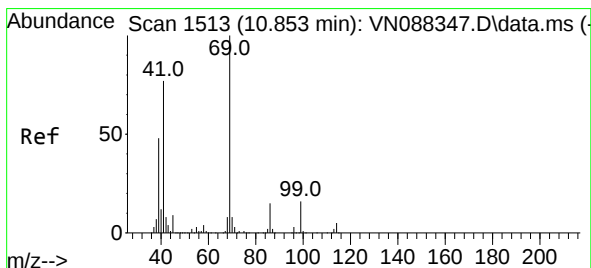
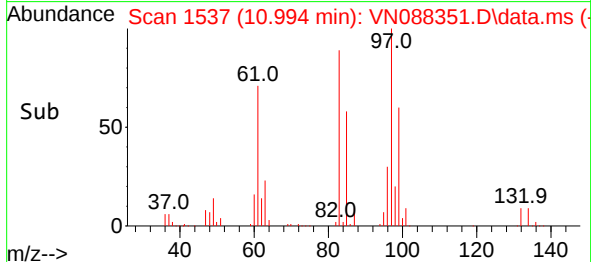
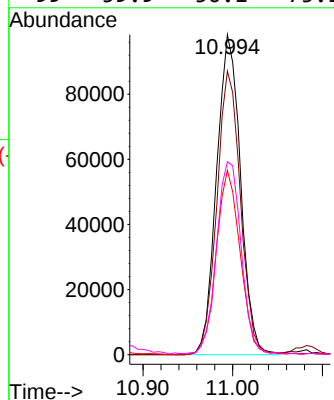
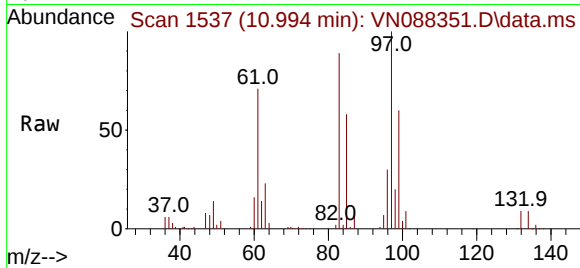




#55
1,1,2-Trichloroethane
Concen: 51.530 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

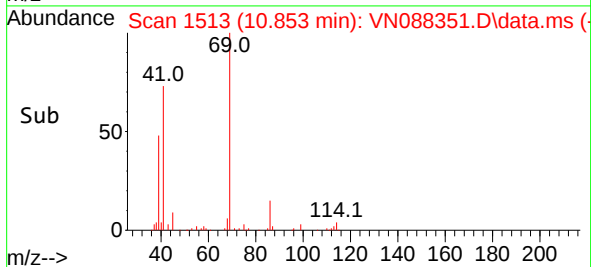
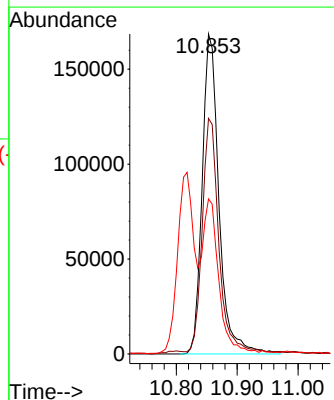
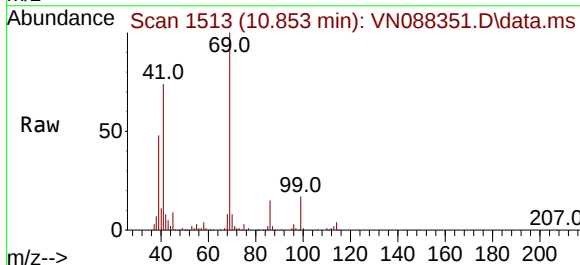
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

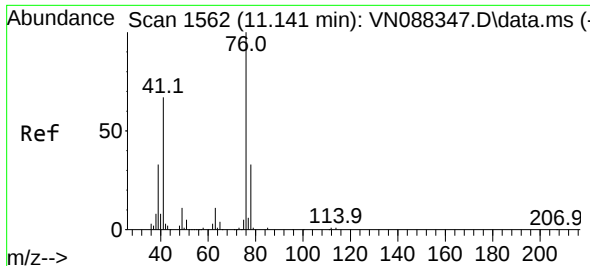
Tgt Ion:	97	Resp:	182138
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.4	105.6
85	57.6	45.4	68.2
99	59.9	50.1	75.1



#56
Ethyl methacrylate
Concen: 57.977 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion:	69	Resp:	323702
Ion	Ratio	Lower	Upper
69	100		
41	72.0	59.6	89.4
39	46.5	36.4	54.6

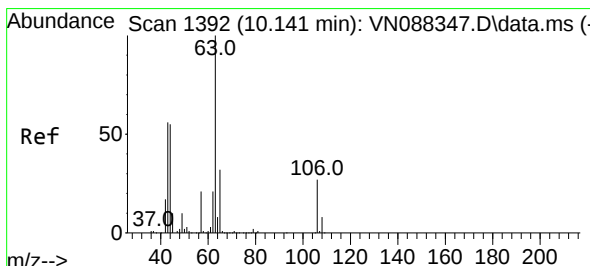
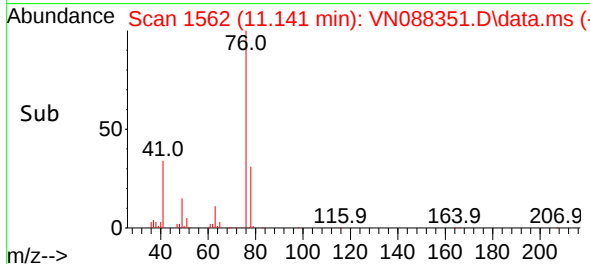
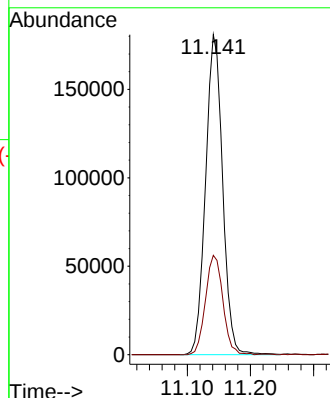
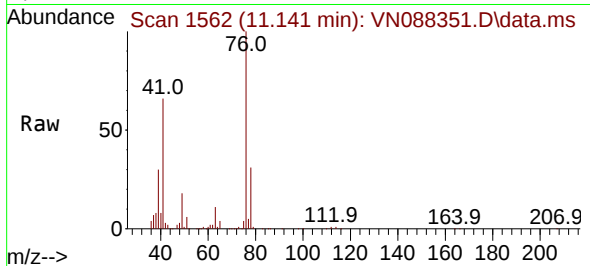




#57
1,3-Dichloropropane
Concen: 53.102 ug/l
RT: 11.141 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

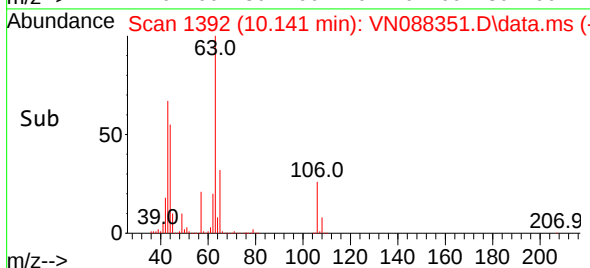
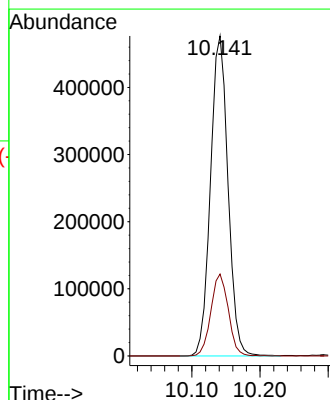
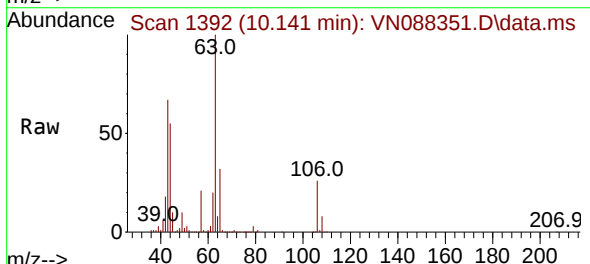
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

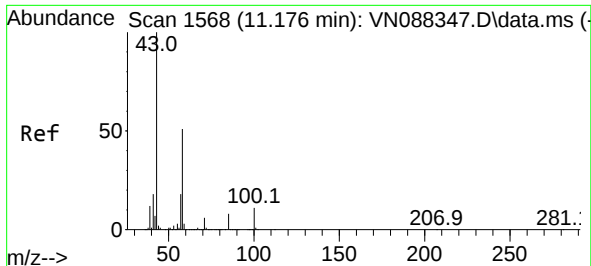
Tgt Ion: 76 Resp: 338609
Ion Ratio Lower Upper
76 100
78 31.7 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 264.613 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 63 Resp: 851755
Ion Ratio Lower Upper
63 100
106 25.5 20.5 30.7

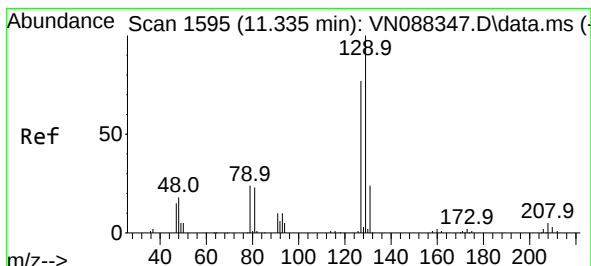
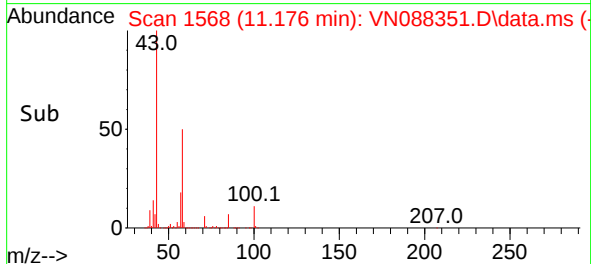
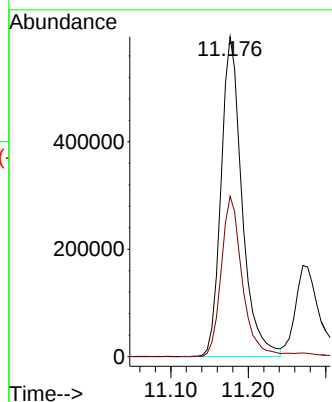
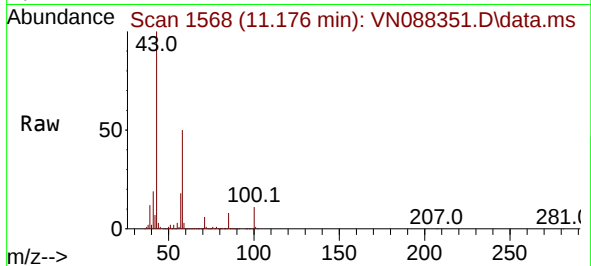




#59
2-Hexanone
Concen: 278.086 ug/l
RT: 11.176 min Scan# 1118254
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

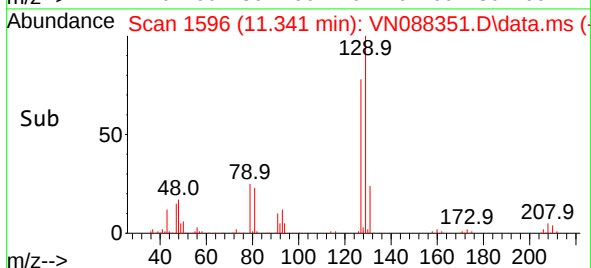
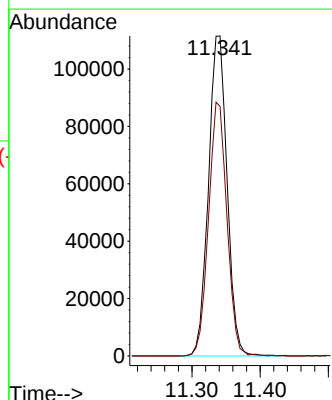
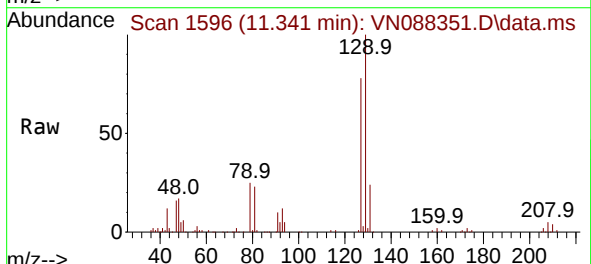
Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

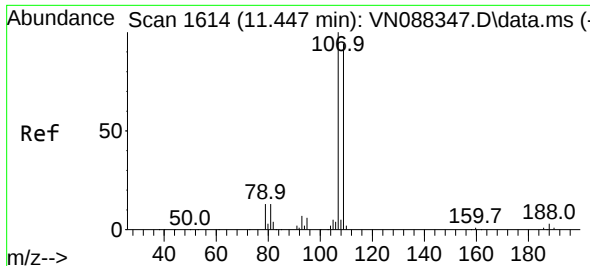
Tgt Ion: 43 Resp: 1118254
Ion Ratio Lower Upper
43 100
58 50.2 25.3 75.9



#60
Dibromochloromethane
Concen: 52.650 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion:129 Resp: 212150
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6

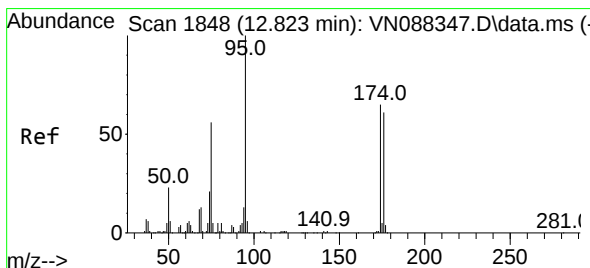
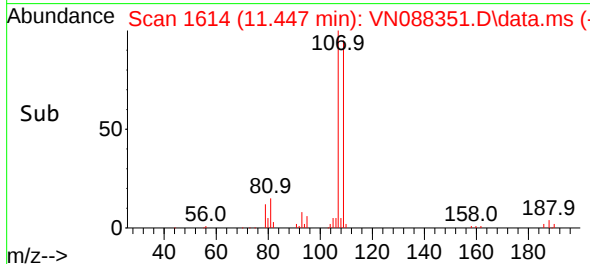
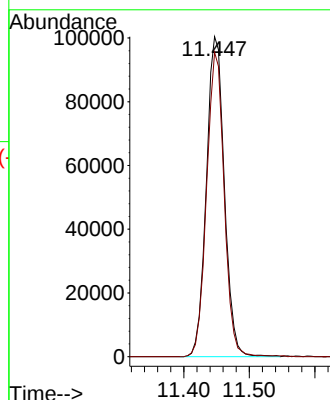
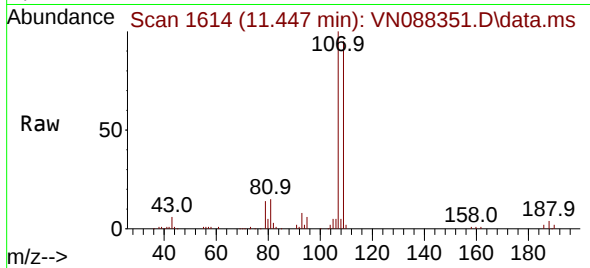




#61
1,2-Dibromoethane
Concen: 53.546 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

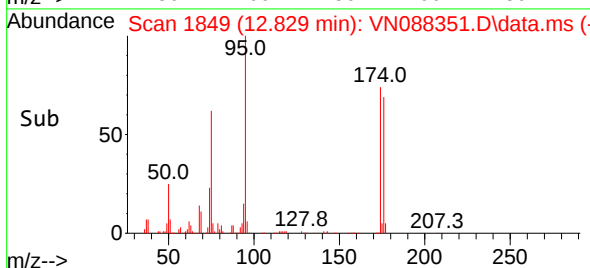
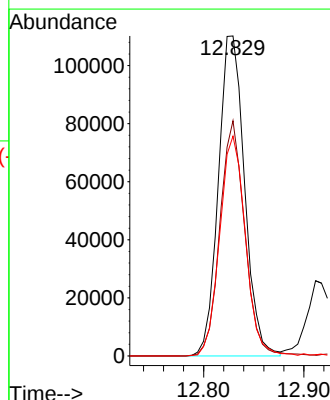
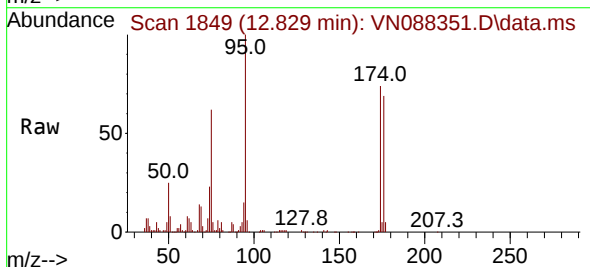
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

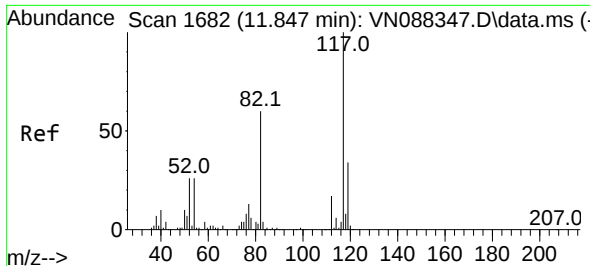
Tgt Ion:107 Resp: 191658
Ion Ratio Lower Upper
107 100
109 92.8 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 44.823 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 95 Resp: 199878
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.0
176 67.6 0.0 132.4

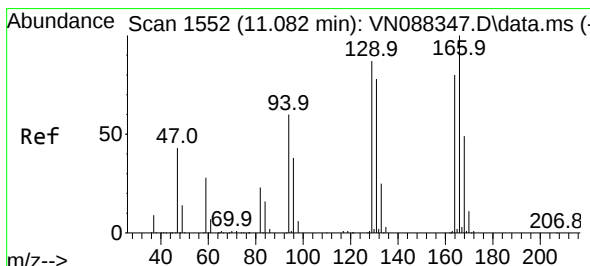
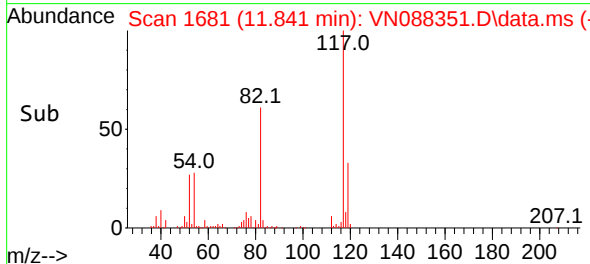
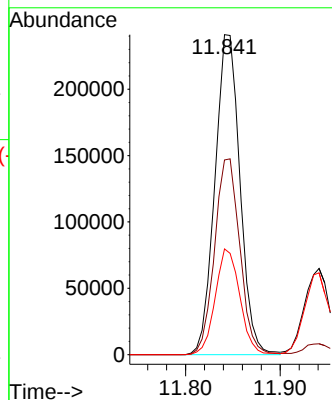
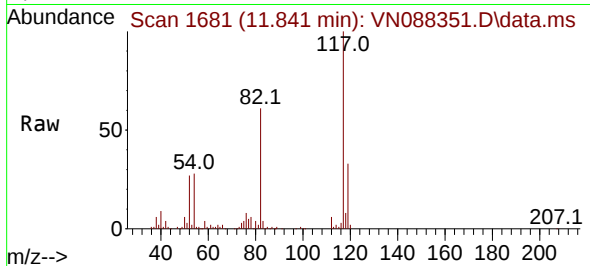




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

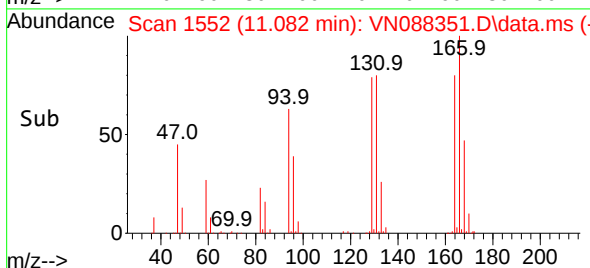
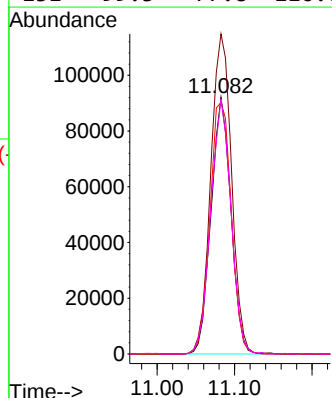
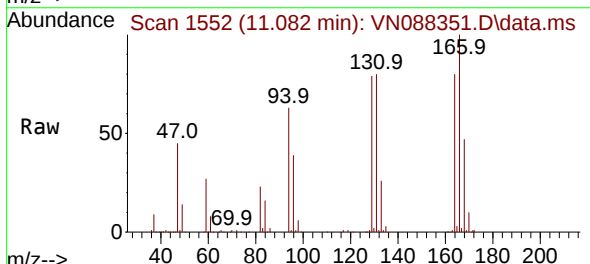
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

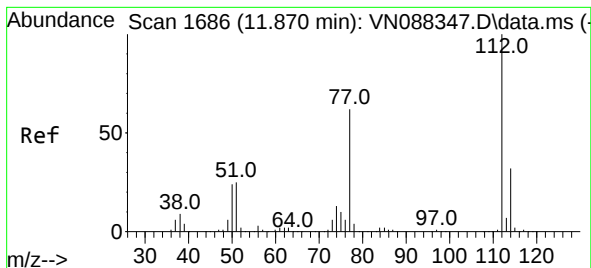
Tgt Ion:117 Resp: 443578
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 33.0 26.9 40.3



#64
Tetrachloroethene
Concen: 46.666 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion:164 Resp: 164101
Ion Ratio Lower Upper
164 100
166 124.7 99.6 149.4
129 98.0 86.6 129.8
131 99.3 77.8 116.6





#65

Chlorobenzene

Concen: 51.452 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

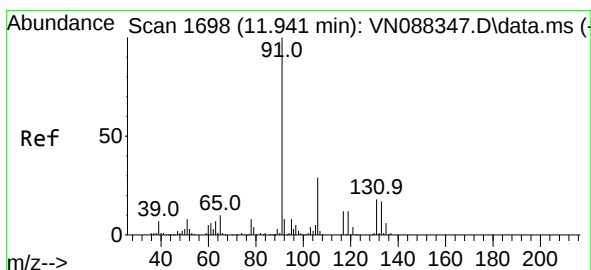
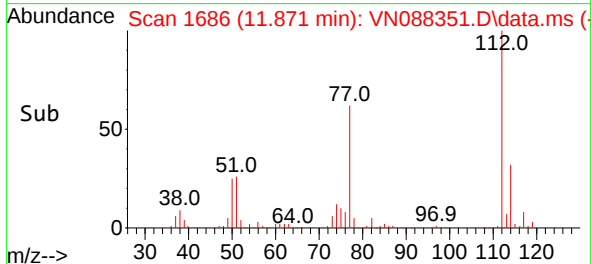
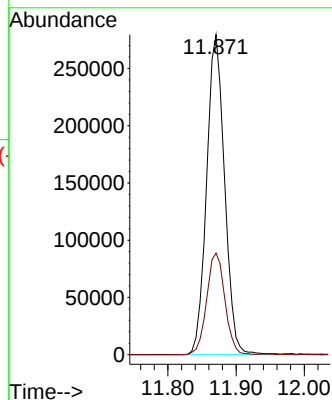
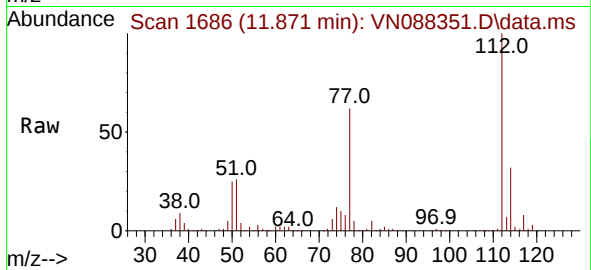
ICVVN112425

Tgt Ion:112 Resp: 512644

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 51.838 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

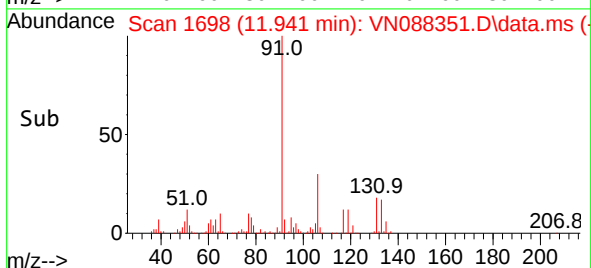
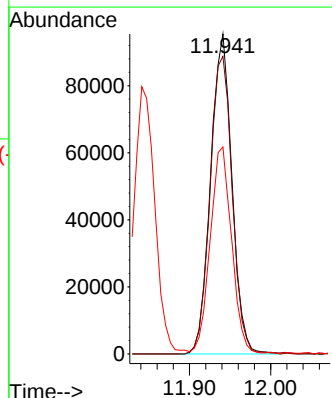
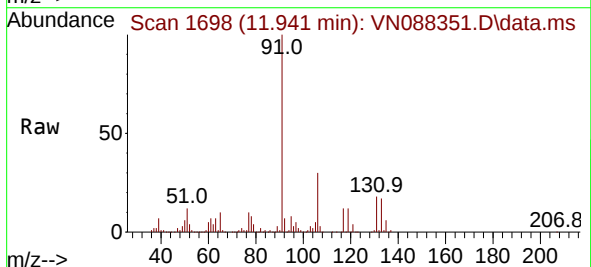
Tgt Ion:131 Resp: 174200

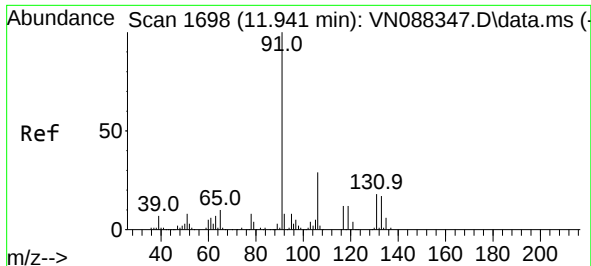
Ion Ratio Lower Upper

131 100

133 96.7 47.4 142.2

119 65.3 33.4 100.1





#67

Ethyl Benzene

Concen: 51.635 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

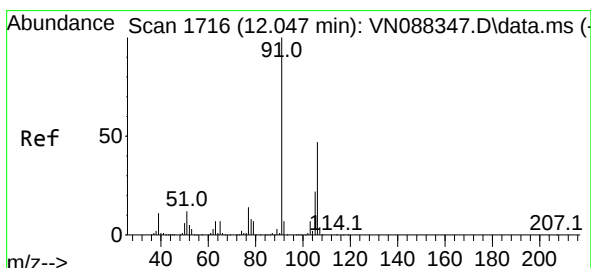
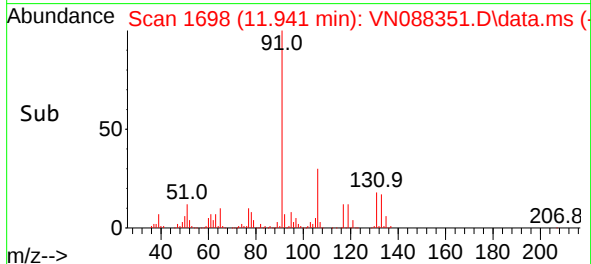
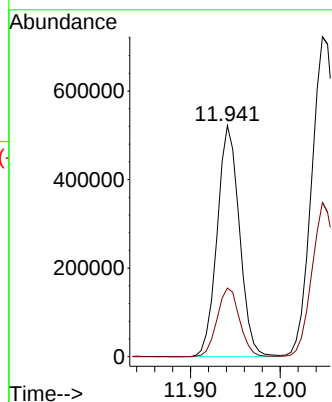
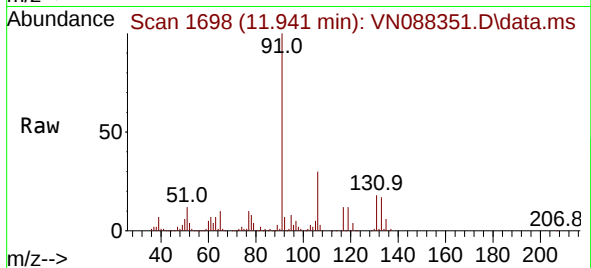
ICNVN112425

Tgt Ion: 91 Resp: 899198

Ion Ratio Lower Upper

91 100

106 29.7 23.6 35.4



#68

m/p-Xylenes

Concen: 105.191 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN088351.D

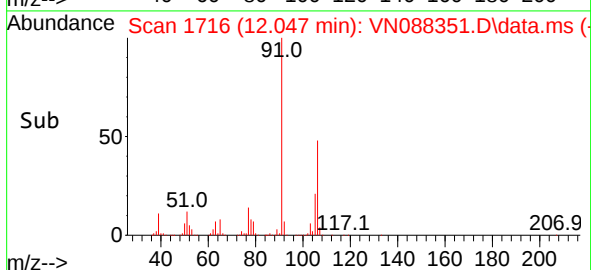
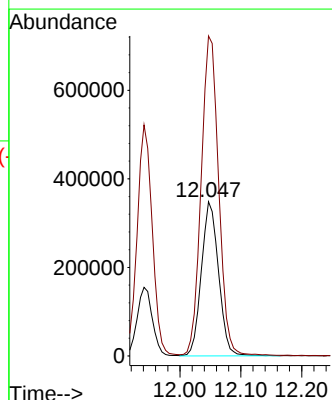
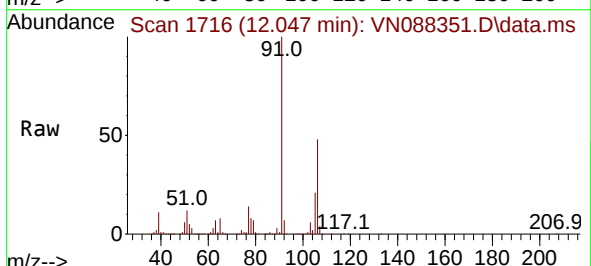
Acq: 24 Nov 2025 15:18

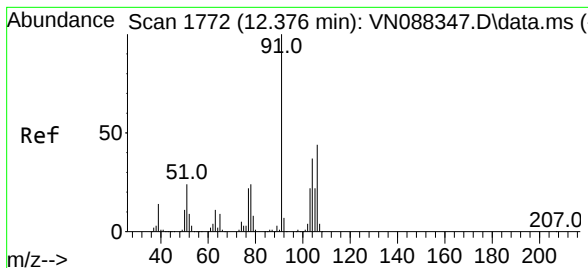
Tgt Ion: 106 Resp: 679183

Ion Ratio Lower Upper

106 100

91 212.0 167.8 251.6

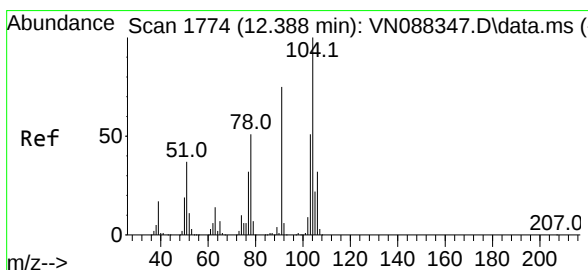
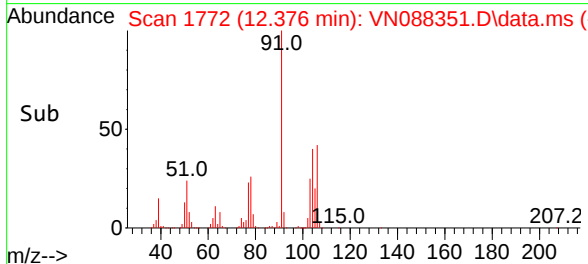
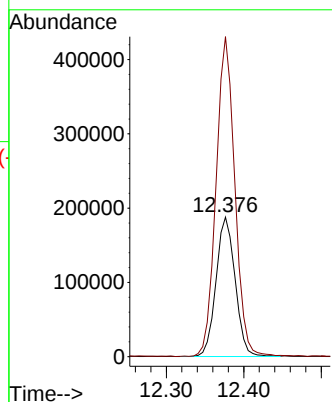
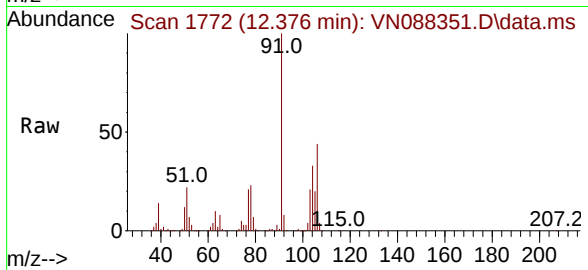




#69
o-Xylene
Concen: 52.376 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

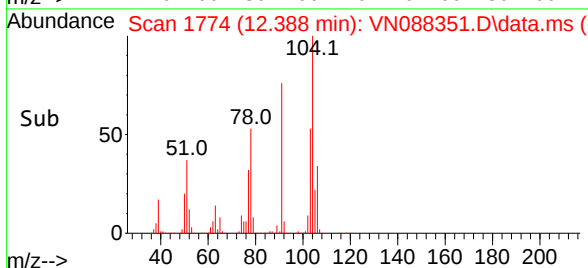
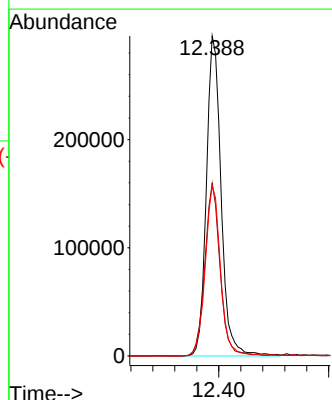
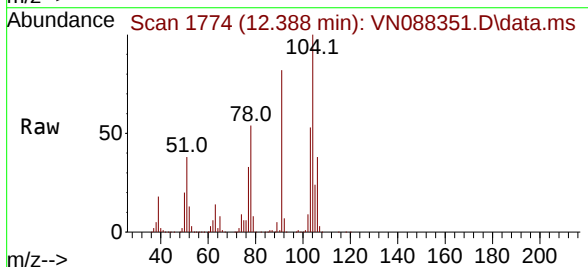
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

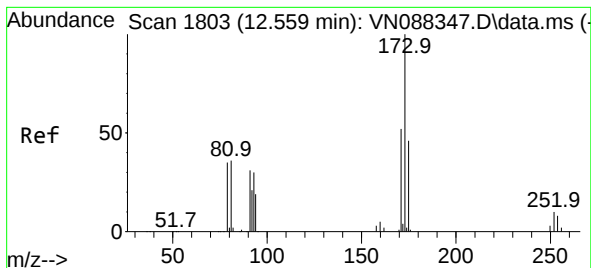
Tgt Ion:106 Resp: 322403
Ion Ratio Lower Upper
106 100
91 225.6 112.9 338.7



#70
Styrene
Concen: 55.031 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion:104 Resp: 550033
Ion Ratio Lower Upper
104 100
78 55.8 44.3 66.5
103 55.4 44.2 66.4





#71

Bromoform

Concen: 53.811 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

ICVNVN112425

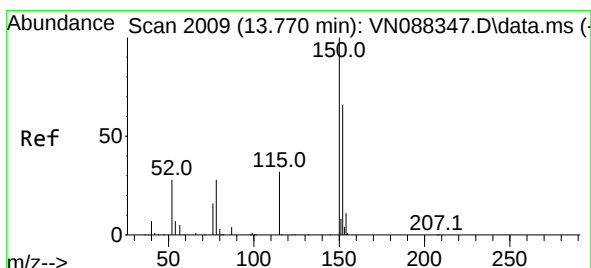
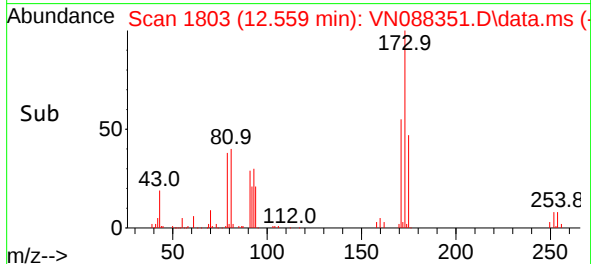
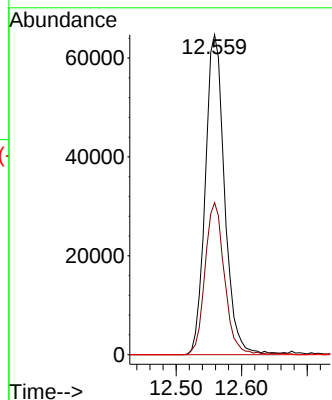
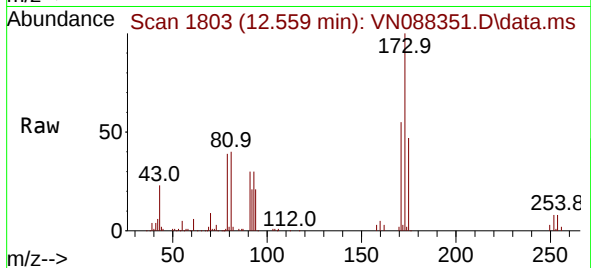
Tgt Ion:173 Resp: 132448

Ion Ratio Lower Upper

173 100

175 47.9 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: VN088351.D

Acq: 24 Nov 2025 15:18

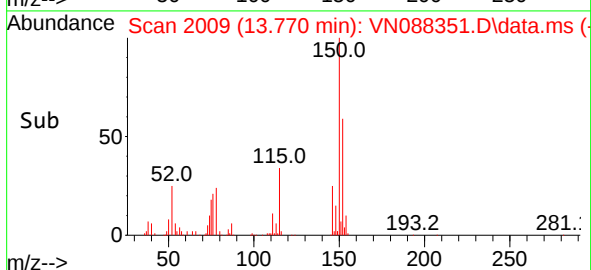
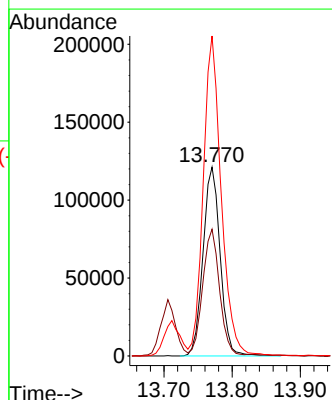
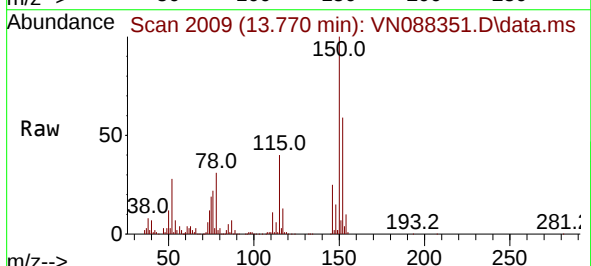
Tgt Ion:152 Resp: 211823

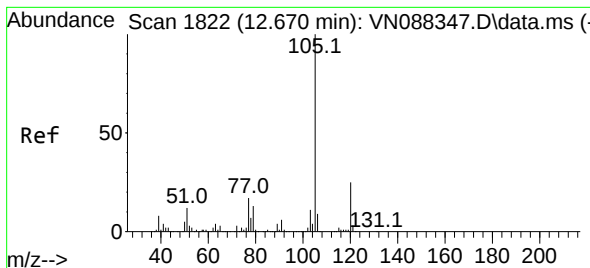
Ion Ratio Lower Upper

152 100

115 66.1 33.0 98.9

150 176.7 0.0 349.0





#73

Isopropylbenzene

Concen: 52.866 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

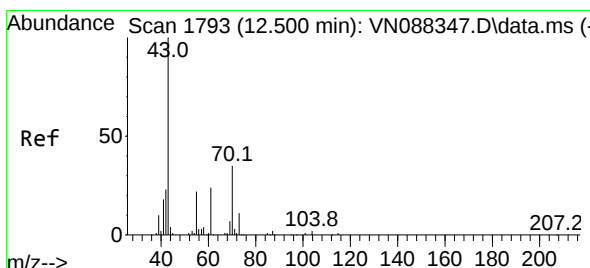
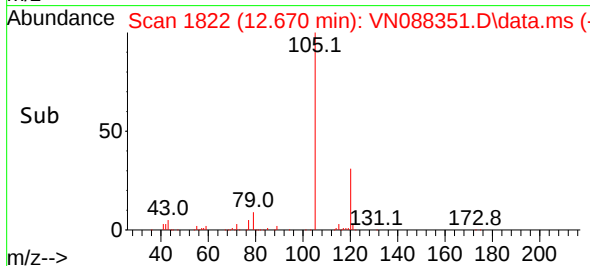
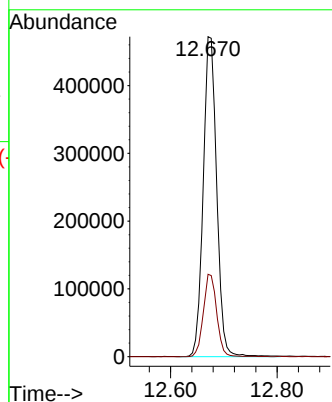
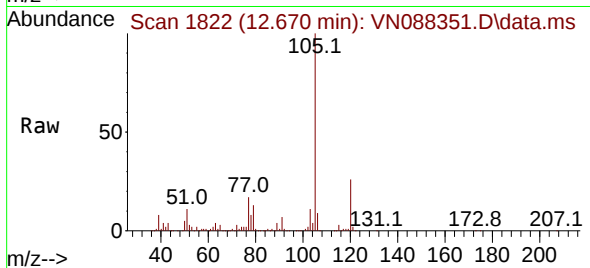
ICVVN112425

Tgt Ion:105 Resp: 827973

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



#74

N-ethyl acetate

Concen: 34.183 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Tgt Ion: 43 Resp: 182324

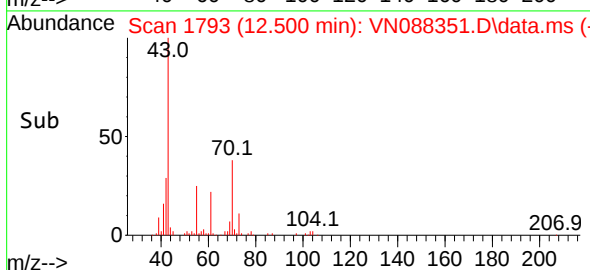
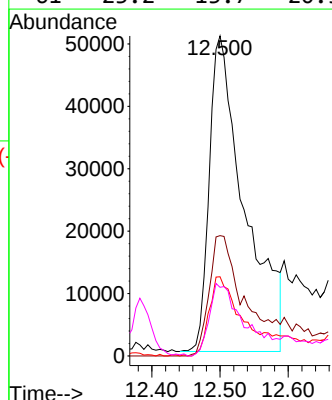
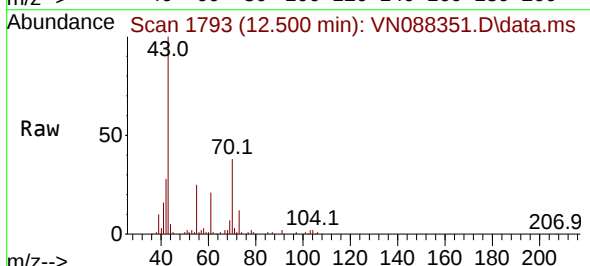
Ion Ratio Lower Upper

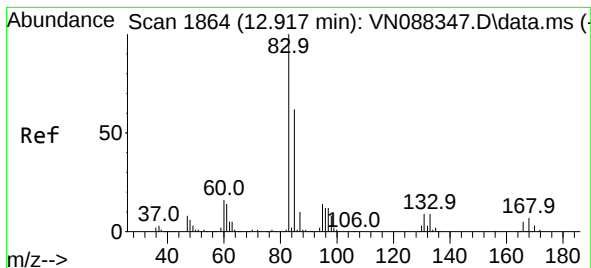
43 100

70 37.4 28.3 42.5

55 28.7 17.7 26.5#

61 23.2 13.7 20.5#

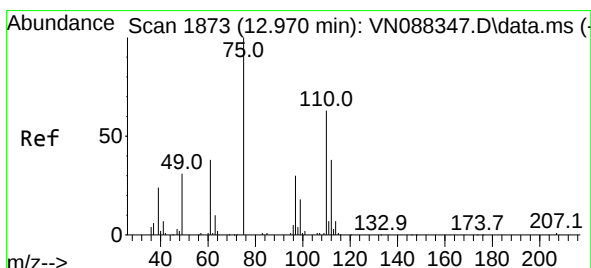
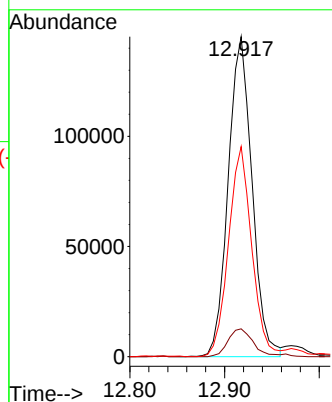
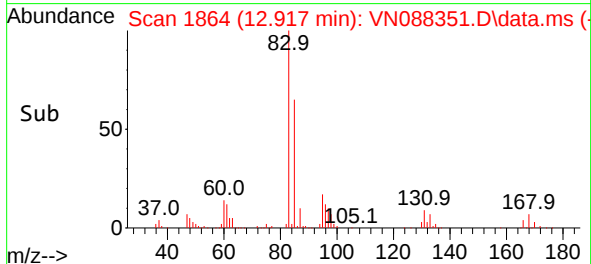
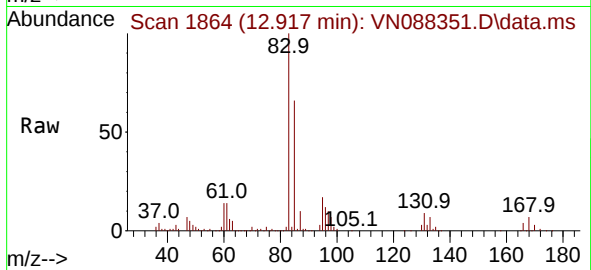




#75
1,1,2,2-Tetrachloroethane
Concen: 50.155 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

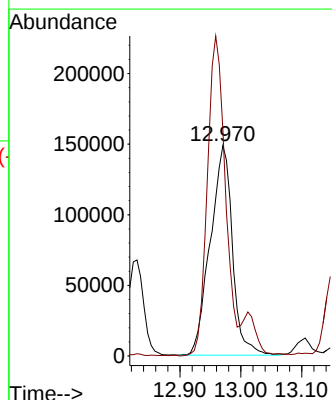
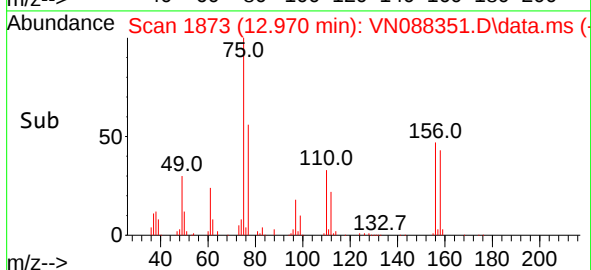
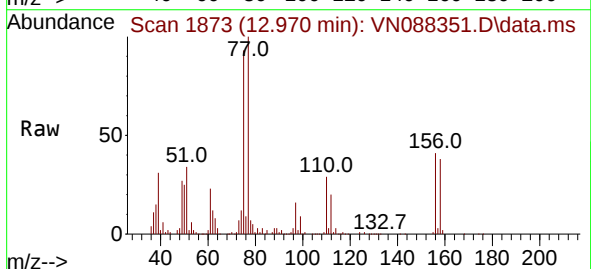
Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

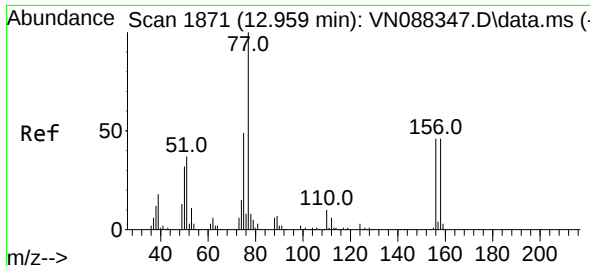
Tgt Ion: 83 Resp: 253948
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 64.1 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 75.817 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 75 Resp: 376148
Ion Ratio Lower Upper
75 100
77 124.7 87.2 261.6

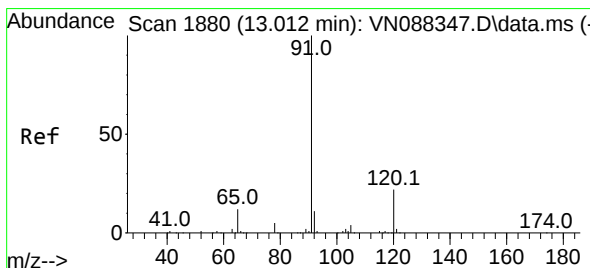
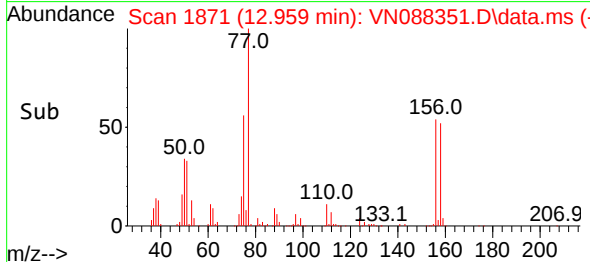
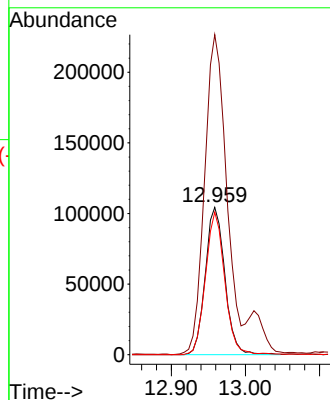
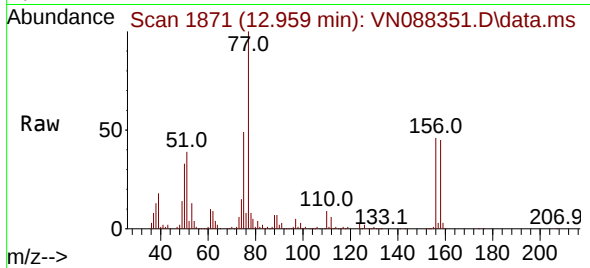




#77
Bromobenzene
Concen: 53.406 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

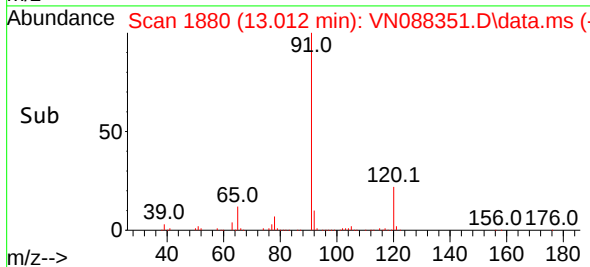
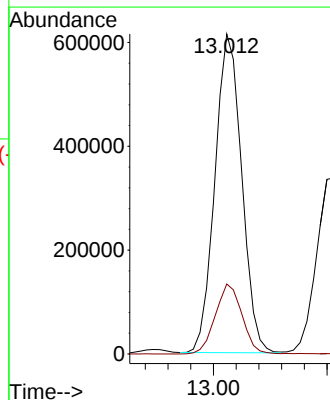
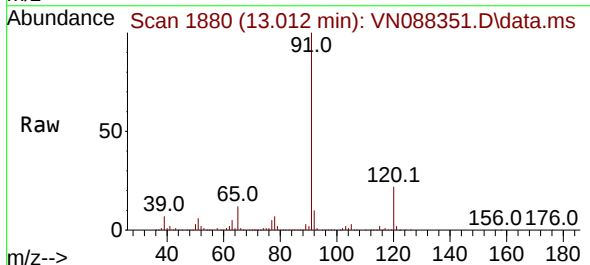
Instrument :
MSVOA_U
ClientSampleId :
ICVVN112425

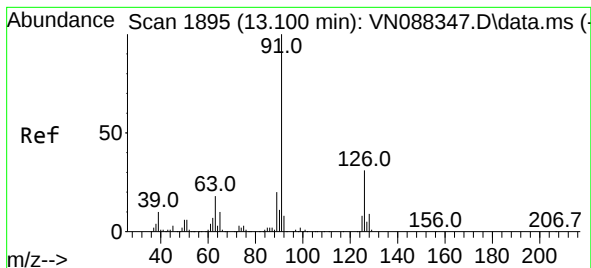
Tgt Ion:156 Resp: 191381
Ion Ratio Lower Upper
156 100
77 245.1 121.6 364.7
158 94.8 48.6 145.8



#78
n-propylbenzene
Concen: 52.446 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 91 Resp: 1004887
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.6





#79

2-Chlorotoluene

Concen: 51.202 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

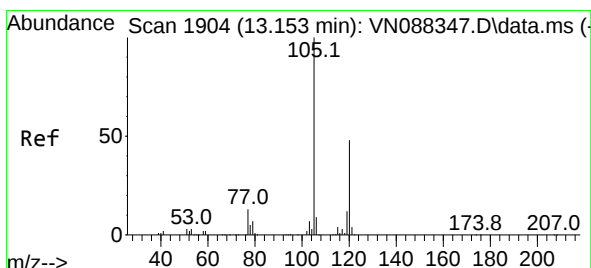
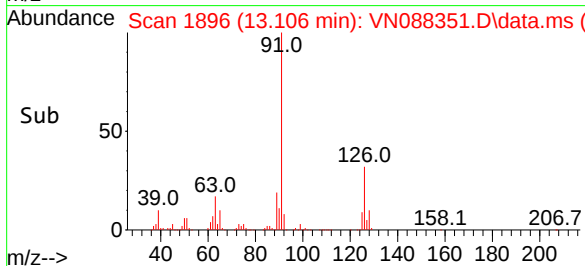
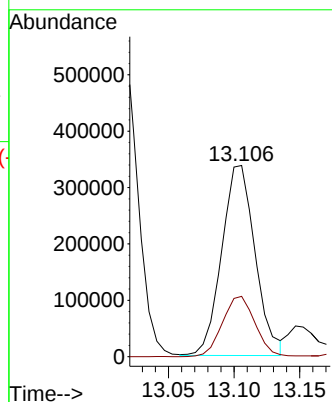
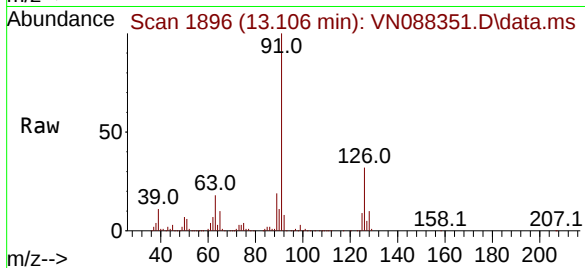
ICVVN112425

Tgt Ion: 91 Resp: 599091

Ion Ratio Lower Upper

91 100

126 31.2 15.3 45.9



#80

1,3,5-Trimethylbenzene

Concen: 52.936 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN088351.D

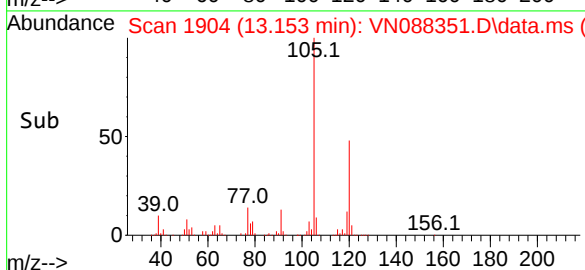
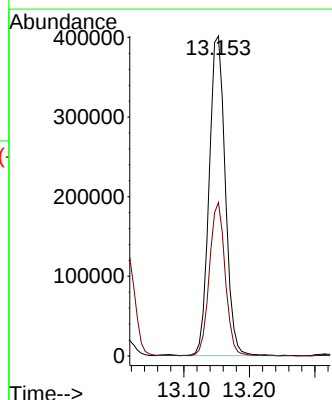
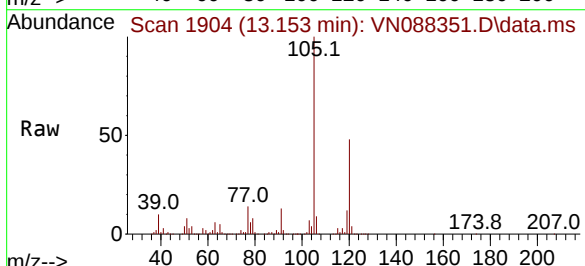
Acq: 24 Nov 2025 15:18

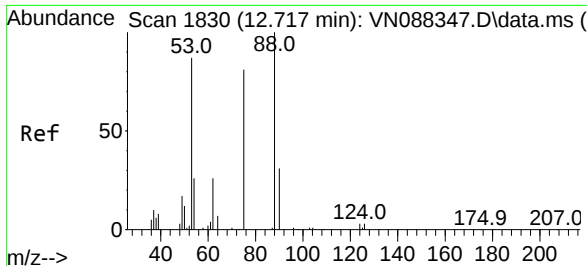
Tgt Ion:105 Resp: 687007

Ion Ratio Lower Upper

105 100

120 47.1 23.8 71.5

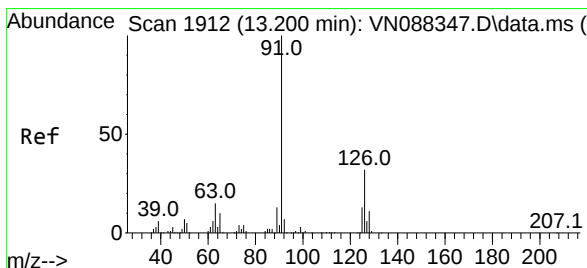
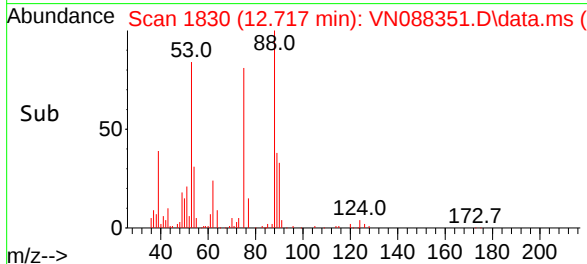
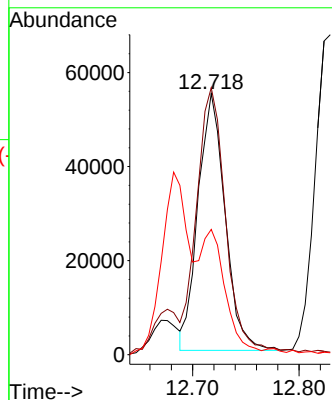
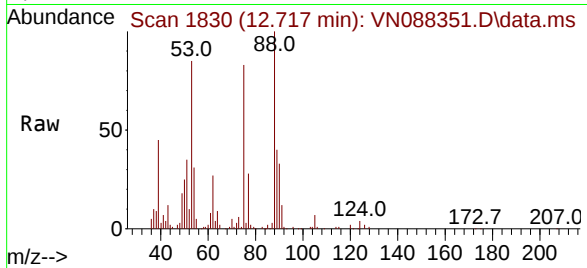




#81
trans-1,4-Dichloro-2-butene
Concen: 55.117 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

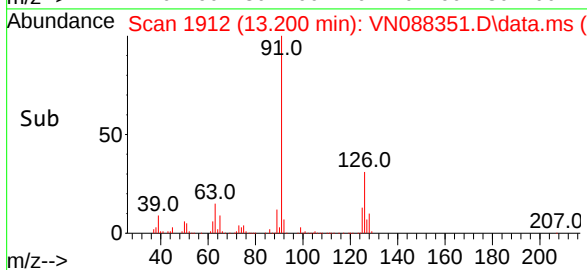
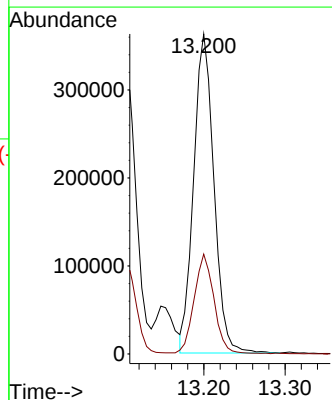
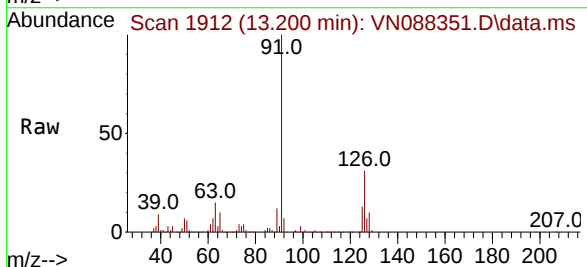
Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

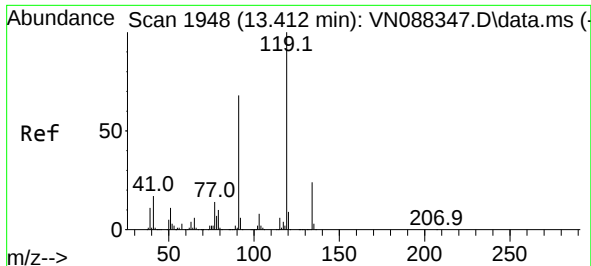
Tgt Ion: 75 Resp: 96389
Ion Ratio Lower Upper
75 100
53 109.8 92.2 138.4
89 38.0 0.0 0.0#



#82
4-Chlorotoluene
Concen: 54.093 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion: 91 Resp: 628637
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.7

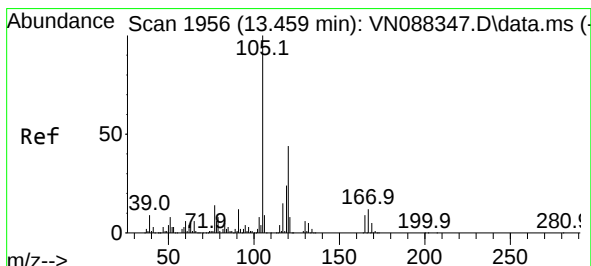
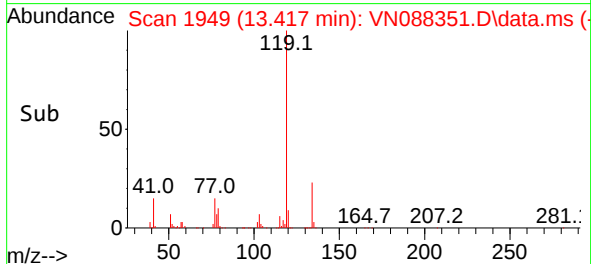
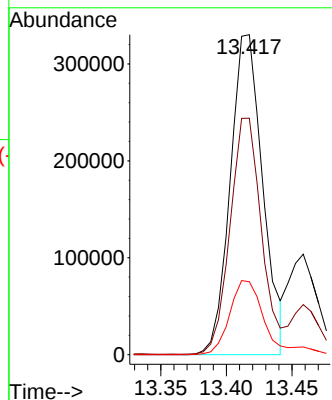
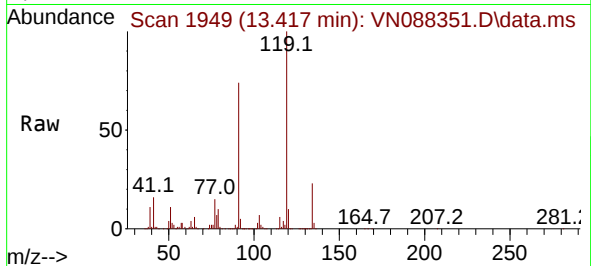




#83
tert-Butylbenzene
Concen: 51.660 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

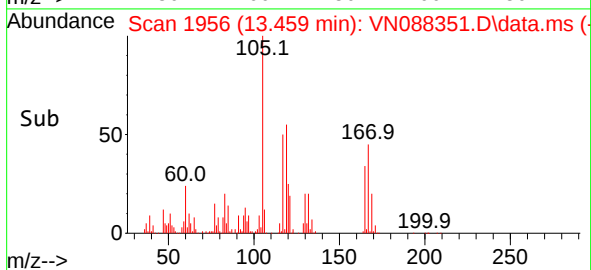
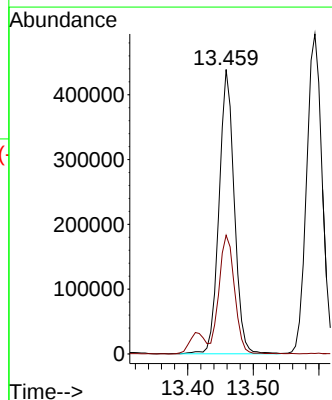
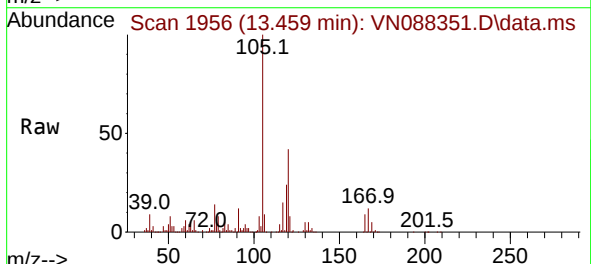
Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

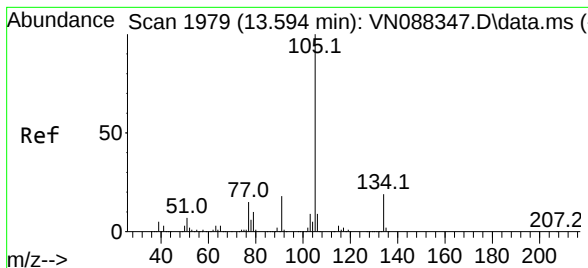
Tgt Ion:119 Resp: 569932
Ion Ratio Lower Upper
119 100
91 71.0 35.1 105.3
134 25.2 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 54.519 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion:105 Resp: 703272
Ion Ratio Lower Upper
105 100
120 43.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 51.285 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

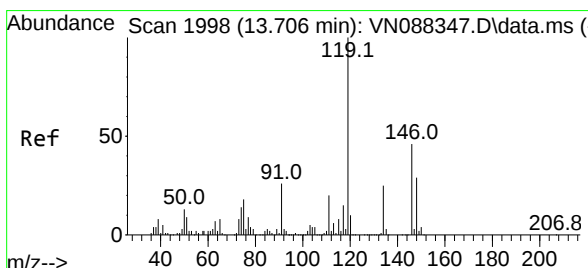
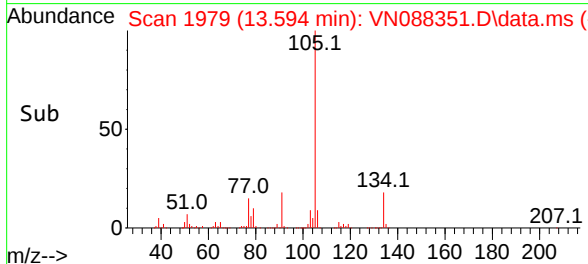
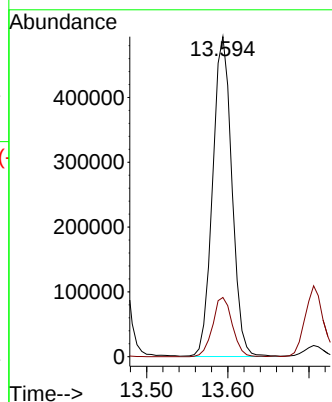
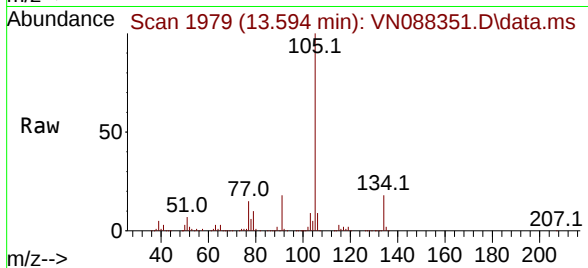
ICVVN112425

Tgt Ion:105 Resp: 812817

Ion Ratio Lower Upper

105 100

134 18.9 9.5 28.5



#86

p-Isopropyltoluene

Concen: 52.216 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

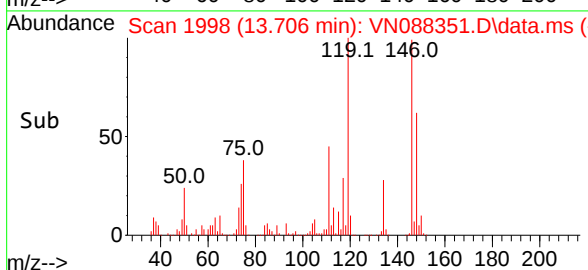
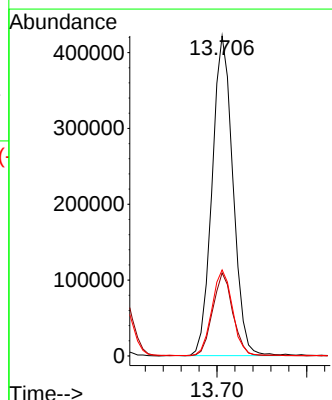
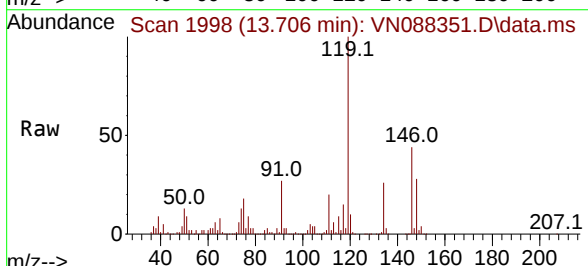
Tgt Ion:119 Resp: 678617

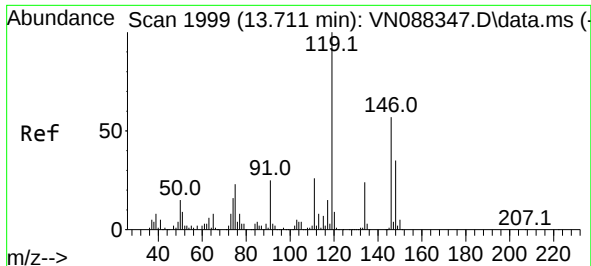
Ion Ratio Lower Upper

119 100

134 25.4 12.2 36.6

91 26.6 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 51.282 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVN112425

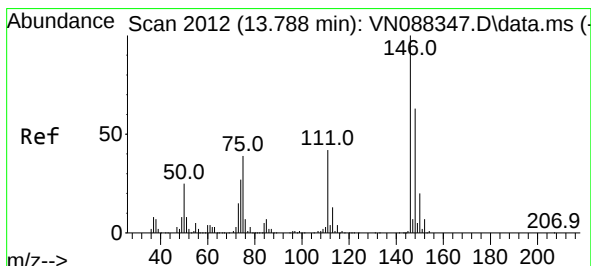
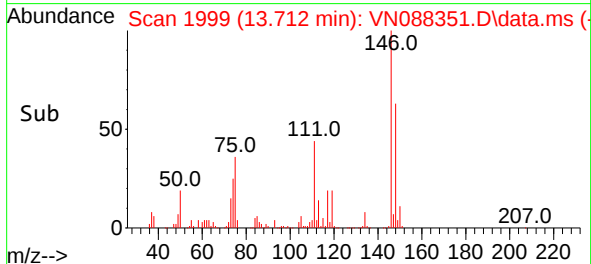
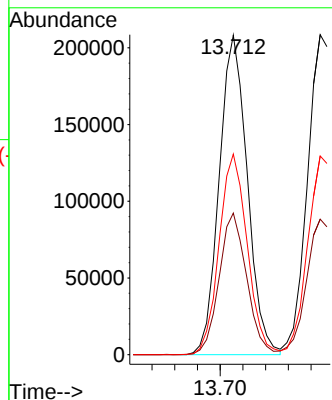
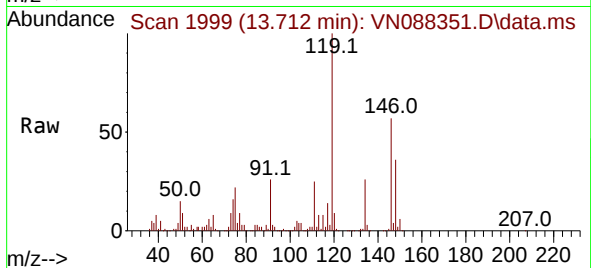
Tgt Ion:146 Resp: 357734

Ion Ratio Lower Upper

146 100

111 43.4 22.4 67.0

148 62.9 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 50.949 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

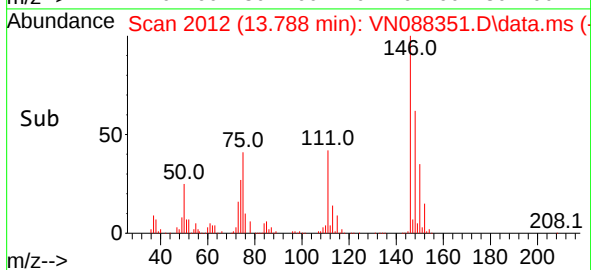
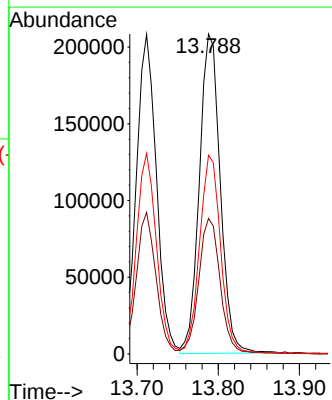
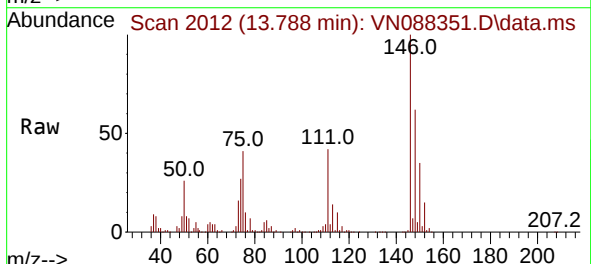
Tgt Ion:146 Resp: 372290

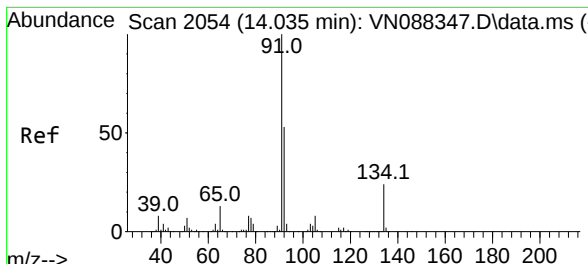
Ion Ratio Lower Upper

146 100

111 44.4 21.6 64.6

148 63.0 31.0 93.0

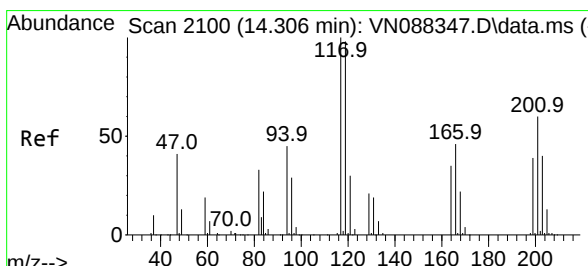
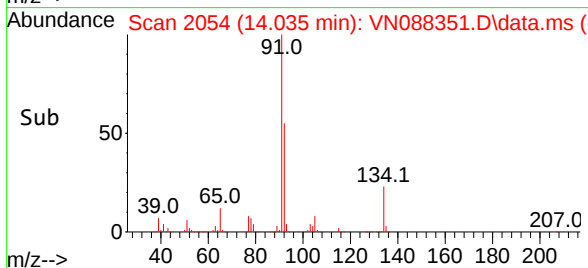
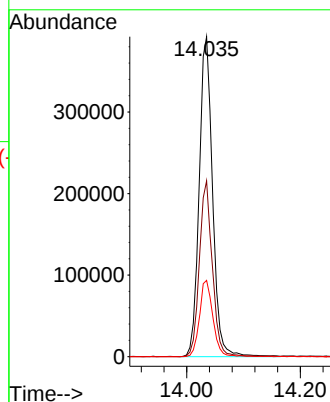
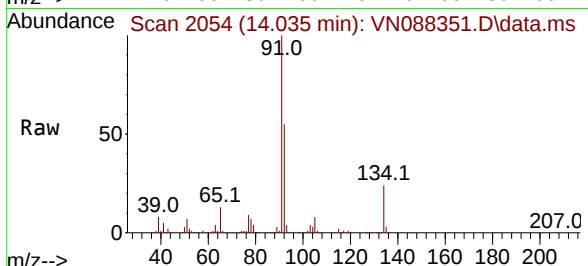




#89
n-Butylbenzene
Concen: 51.040 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

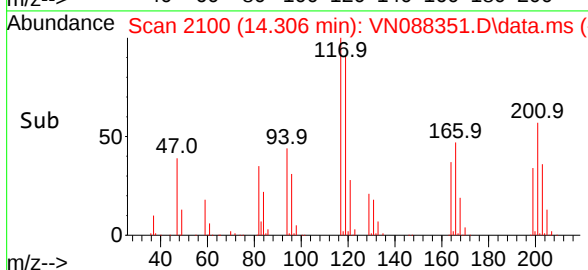
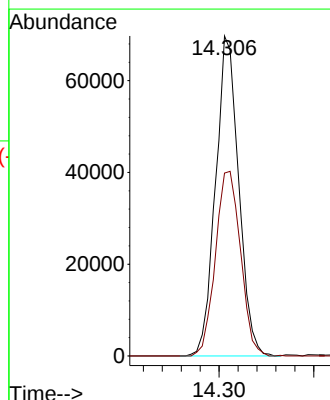
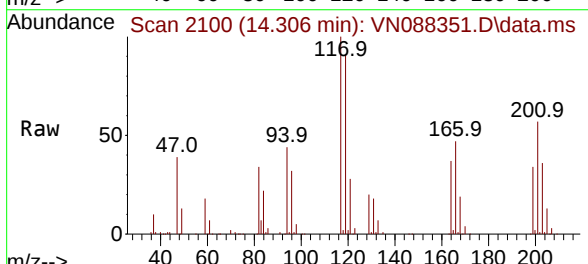
Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

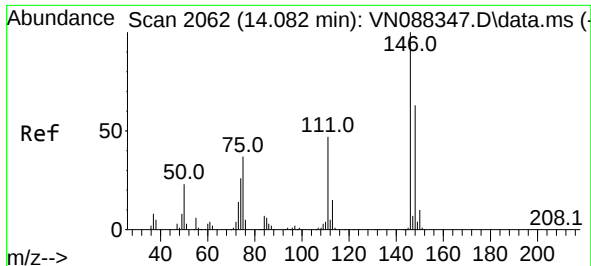
Tgt Ion:	91	Resp:	644062
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.1	78.3
134	24.0	11.7	35.1



#90
Hexachloroethane
Concen: 49.768 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion:	117	Resp:	118158
Ion	Ratio	Lower	Upper
117	100		
201	62.5	30.3	90.9

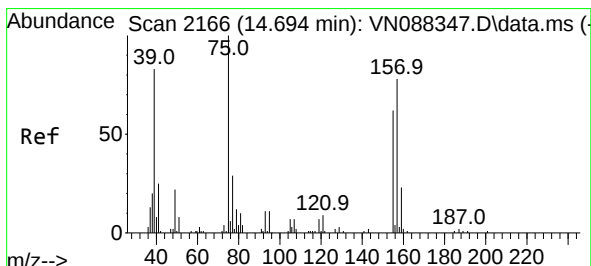
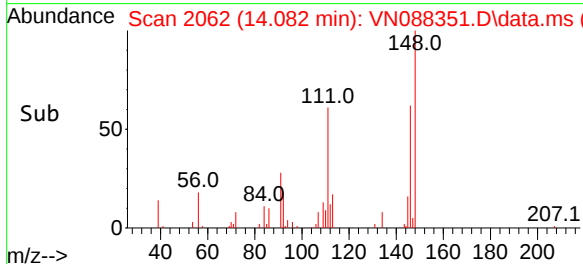
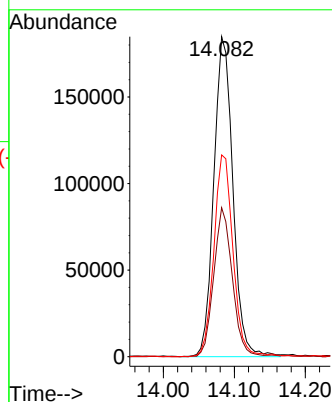
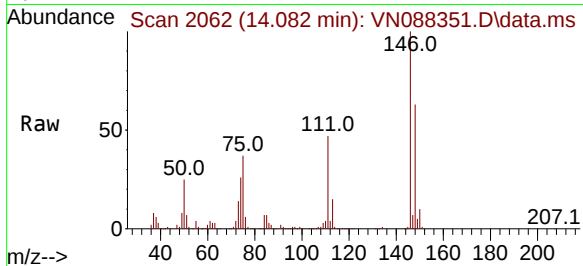




#91
 1,2-Dichlorobenzene
 Concen: 52.435 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN088351.D
 Acq: 24 Nov 2025 15:18

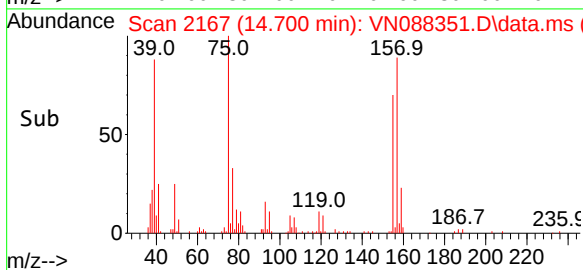
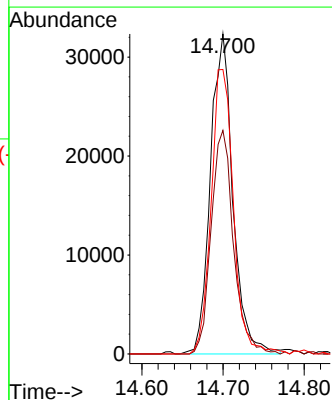
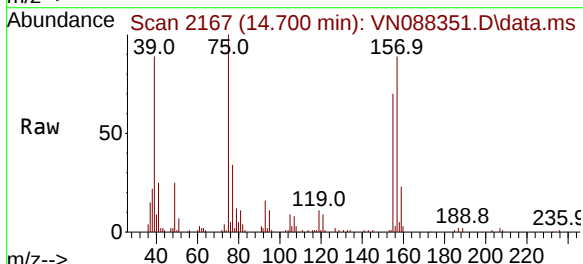
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVN112425

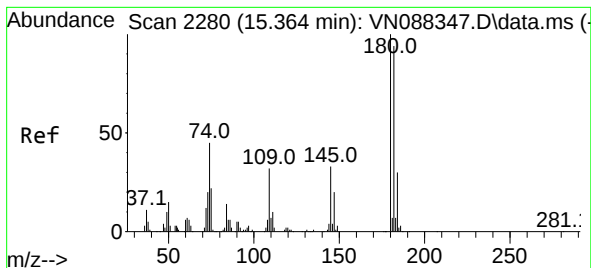
Tgt Ion:146 Resp: 344212
 Ion Ratio Lower Upper
 146 100
 111 45.7 23.3 69.9
 148 63.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.621 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN088351.D
 Acq: 24 Nov 2025 15:18

Tgt Ion: 75 Resp: 62186
 Ion Ratio Lower Upper
 75 100
 155 69.6 33.7 101.1
 157 88.2 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 51.301 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVN112425

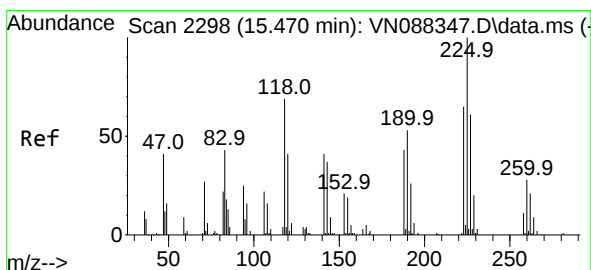
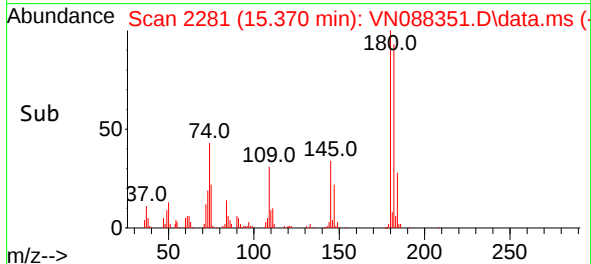
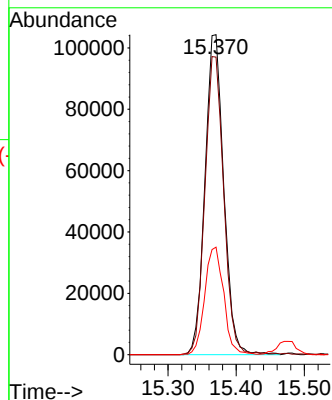
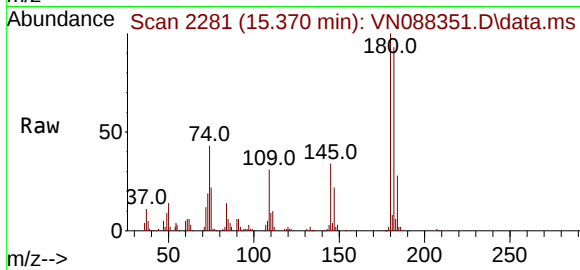
Tgt Ion:180 Resp: 200095

Ion Ratio Lower Upper

180 100

182 93.2 46.1 138.2

145 33.9 16.7 50.1



#94

Hexachlorobutadiene

Concen: 45.969 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN088351.D

Acq: 24 Nov 2025 15:18

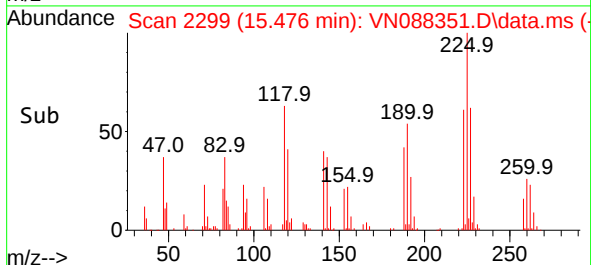
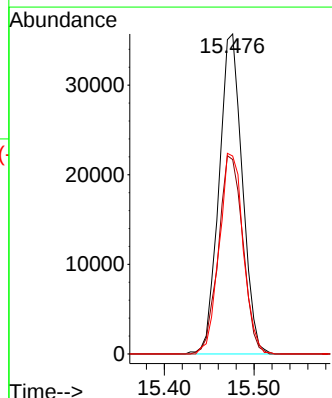
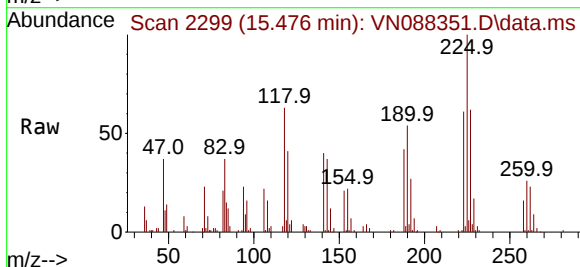
Tgt Ion:225 Resp: 64430

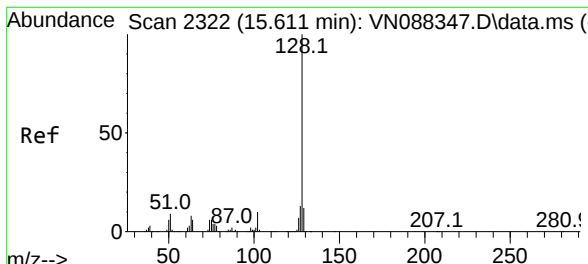
Ion Ratio Lower Upper

225 100

223 64.8 32.3 96.8

227 64.3 29.9 89.8



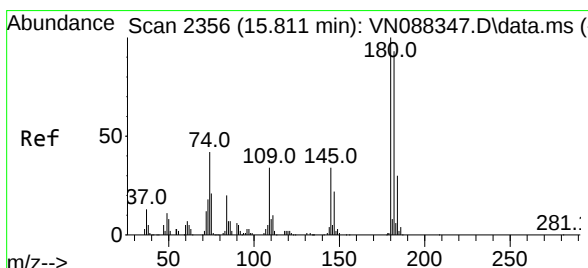
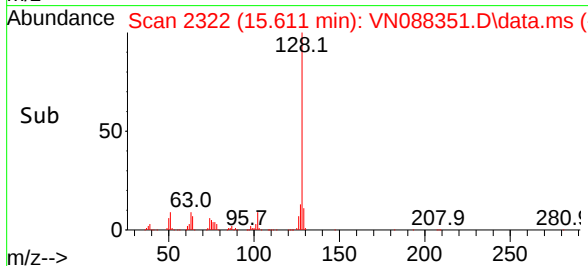
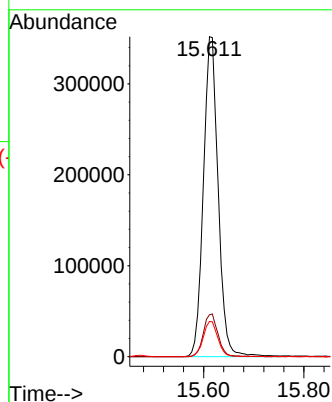
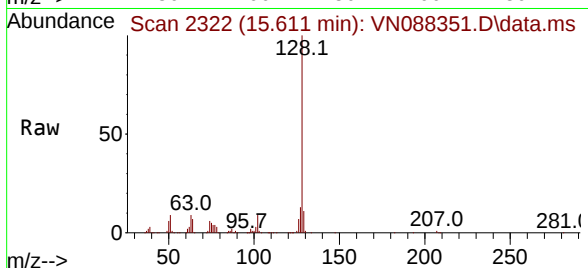


#95
Naphthalene
Concen: 53.258 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Instrument :
MSVOA_U
ClientSampleId :
ICNVN112425

Tgt Ion:128 Resp: 719827

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	9.0	13.6



#96
1,2,3-Trichlorobenzene
Concen: 49.620 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088351.D
Acq: 24 Nov 2025 15:18

Tgt Ion:180 Resp: 188353

Ion	Ratio	Lower	Upper
180	100		
182	95.7	45.9	137.7
145	35.2	17.8	53.4

