

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087333.D
 Acq On : 16 Jul 2025 18:54
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 17 02:21:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	193853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	344966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	317026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	165077	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.565	65	501760	152.545	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 305.080%#	
35) Dibromofluoromethane	8.153	113	368306	154.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 309.560%#	
50) Toluene-d8	10.547	98	1362098	160.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 320.940%#	
62) 4-Bromofluorobenzene	12.829	95	522221	166.525	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 333.040%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	363327	176.463	ug/l	95
3) Chloromethane	2.383	50	405800	156.728	ug/l	99
4) Vinyl Chloride	2.542	62	418507	162.646	ug/l	94
5) Bromomethane	2.942	94	215335	161.604	ug/l	95
6) Chloroethane	3.118	64	249466	148.663	ug/l	100
7) Trichlorofluoromethane	3.501	101	585457	153.872	ug/l	97
8) Diethyl Ether	3.959	74	228544	154.847	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	296076	151.587	ug/l	99
10) Methyl Iodide	4.571	142	328079	150.516	ug/l	99
11) Tert butyl alcohol	5.536	59	478279	765.784	ug/l	100
12) 1,1-Dichloroethene	4.330	96	312325	141.111	ug/l	97
13) Acrolein	4.177	56	415488	828.945	ug/l	100
14) Allyl chloride	5.006	41	663403	165.621	ug/l	91
15) Acrylonitrile	5.706	53	1279363	754.869	ug/l	100
16) Acetone	4.424	43	1064061	682.373	ug/l	96
17) Carbon Disulfide	4.695	76	1011315	154.118	ug/l	95
18) Methyl Acetate	5.012	43	577536	149.052	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	1286728	157.724	ug/l	95
20) Methylene Chloride	5.259	84	390988	151.266	ug/l	94
21) trans-1,2-Dichloroethene	5.765	96	356549	142.870	ug/l	96
22) Diisopropyl ether	6.659	45	1280267	152.375	ug/l	99
23) Vinyl Acetate	6.589	43	5943020	808.750	ug/l	98
24) 1,1-Dichloroethane	6.553	63	704727	145.384	ug/l	98
25) 2-Butanone	7.477	43	1797146	754.179	ug/l	98
26) 2,2-Dichloropropane	7.477	77	547190	145.193	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	437021	152.102	ug/l	99
28) Bromochloromethane	7.800	49	339529	146.355	ug/l	100
29) Tetrahydrofuran	7.830	42	1166702	753.679	ug/l	98
30) Chloroform	7.953	83	717424	147.865	ug/l	98
31) Cyclohexane	8.241	56	582988	144.170	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	630986	150.152	ug/l	98
36) 1,1-Dichloropropene	8.353	75	503793	160.248	ug/l	99
37) Ethyl Acetate	7.553	43	692256	152.464	ug/l	98
38) Carbon Tetrachloride	8.347	117	535575	154.647	ug/l	98
39) Methylcyclohexane	9.583	83	559851	164.485	ug/l	98
40) Benzene	8.588	78	1550984	152.642	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	375482	158.156	ug/l	99
42) 1,2-Dichloroethane	8.653	62	571634	148.352	ug/l	100
43) Isopropyl Acetate	8.677	43	1091736	154.893	ug/l	99
44) Trichloroethene	9.335	130	364760	151.927	ug/l	96
45) 1,2-Dichloropropane	9.606	63	391676	151.708	ug/l	97
46) Dibromomethane	9.694	93	287252	148.602	ug/l	98
47) Bromodichloromethane	9.871	83	584546	150.128	ug/l	99
48) Methyl methacrylate	9.665	41	520990	164.191	ug/l	99
49) 1,4-Dioxane	9.688	88	157400	3238.745	ug/l #	93
51) 4-Methyl-2-Pentanone	10.430	43	3375607	757.219	ug/l	99
52) Toluene	10.612	92	961314	155.654	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	640188	162.462	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	654301	160.747	ug/l	96
55) 1,1,2-Trichloroethane	11.000	97	365858	146.322	ug/l	99
56) Ethyl methacrylate	10.859	69	679202	150.296	ug/l	96
57) 1,3-Dichloropropane	11.147	76	662154	153.168	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1717427	837.324	ug/l	100
59) 2-Hexanone	11.177	43	2477578	837.689	ug/l	98
60) Dibromochloromethane	11.341	129	448307	157.217	ug/l	99
61) 1,2-Dibromoethane	11.453	107	402978	153.282	ug/l	97
64) Tetrachloroethene	11.082	164	301404	147.718	ug/l	97
65) Chlorobenzene	11.871	112	1066757	149.878	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	375162	155.013	ug/l	98
67) Ethyl Benzene	11.941	91	1881920	160.613	ug/l	99
68) m/p-Xylenes	12.053	106	1437290	327.579	ug/l	98
69) o-Xylene	12.376	106	698363	166.628	ug/l	98
70) Styrene	12.394	104	1195068	169.502	ug/l	99
71) Bromoform	12.559	173	320960	164.154	ug/l #	99
73) Isopropylbenzene	12.676	105	1747567	168.203	ug/l	100
74) N-amyl acetate	12.482	43	750104	184.917	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.918	83	581568	148.761	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	821678	224.357	ug/l	53
77) Bromobenzene	12.959	156	433814	161.001	ug/l	99
78) n-propylbenzene	13.018	91	2127215	162.733	ug/l	100
79) 2-Chlorotoluene	13.106	91	1290205	160.600	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	1465159	165.514	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	224191	165.713	ug/l	95
82) 4-Chlorotoluene	13.200	91	1336462	159.785	ug/l	100
83) tert-Butylbenzene	13.418	119	1230683	166.457	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	1502651	166.222	ug/l	100
85) sec-Butylbenzene	13.594	105	1767949	158.754	ug/l	99
86) p-Isopropyltoluene	13.706	119	1501303	168.219	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	828885	156.742	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	830255	147.000	ug/l	99
89) n-Butylbenzene	14.035	91	1367813	160.505	ug/l	98
90) Hexachloroethane	14.312	117	292183	154.518	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	784106	156.513	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	151090	147.203	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	492237	167.266	ug/l	99
94) Hexachlorobutadiene	15.476	225	163922	149.909	ug/l	99
95) Naphthalene	15.612	128	1880423	180.370	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	491195	166.396	ug/l	99

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VSTDICC150

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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

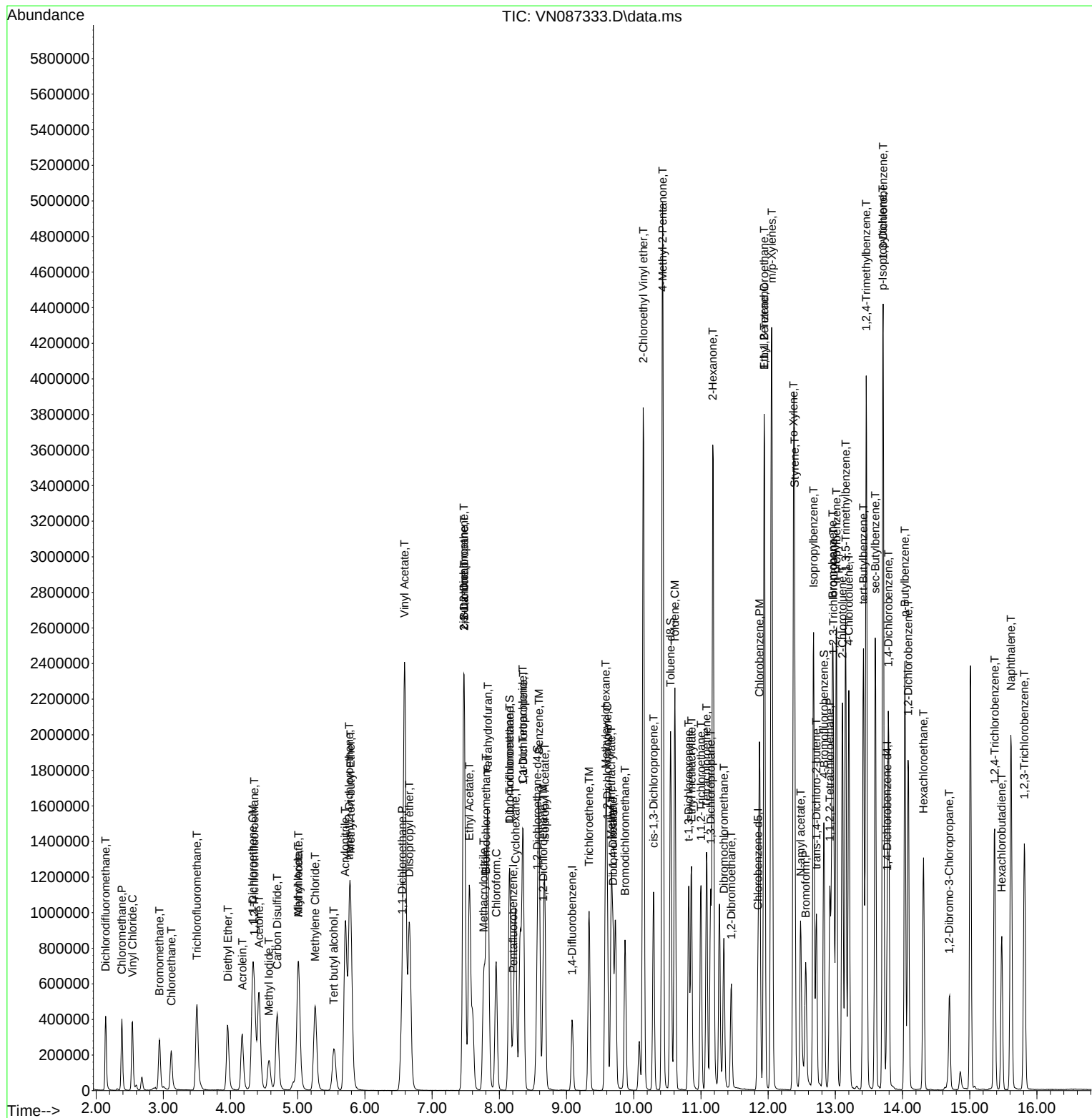
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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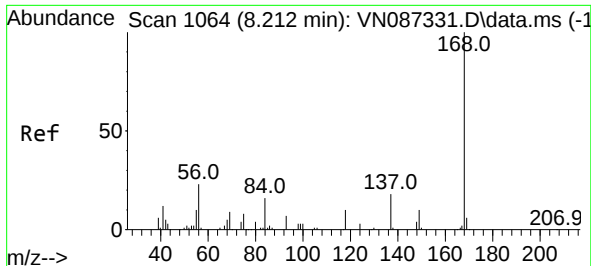
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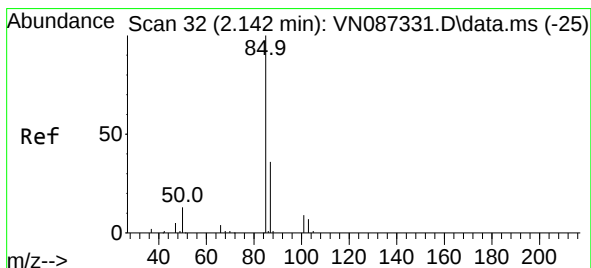
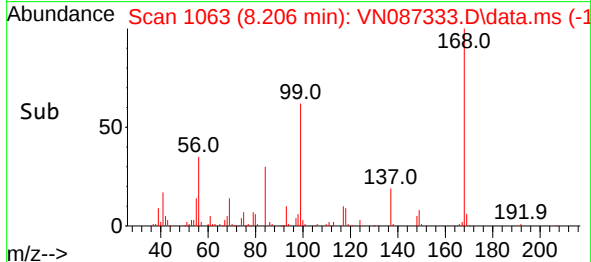
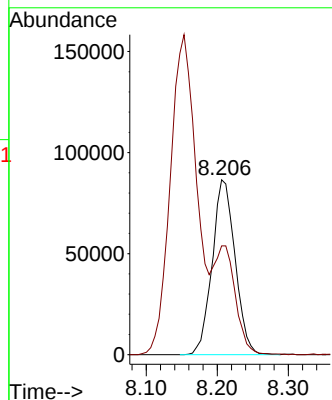
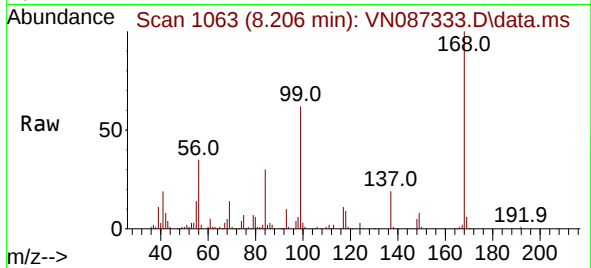




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
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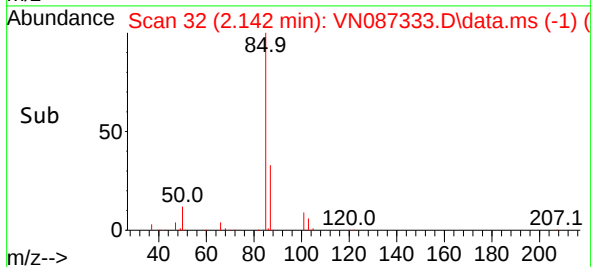
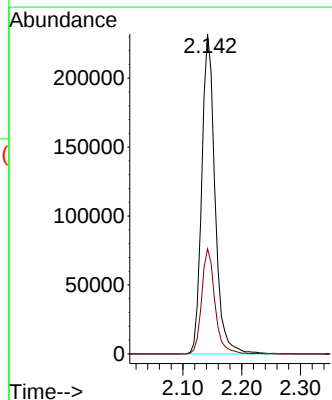
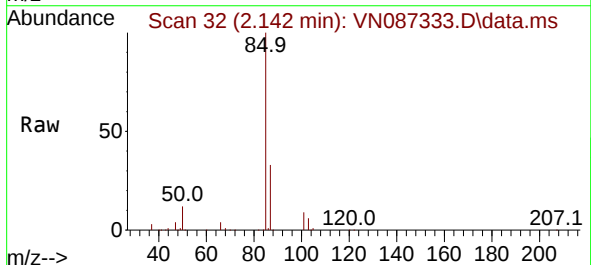
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

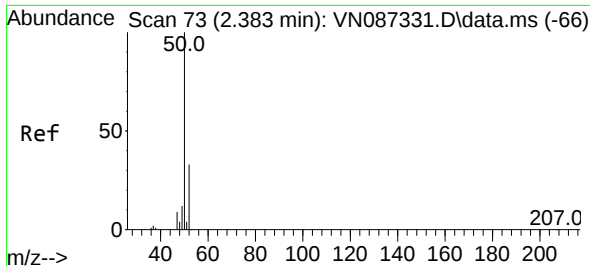
Tgt Ion:168 Resp: 193853
Ion Ratio Lower Upper
168 100
99 61.8 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 176.463 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 85 Resp: 363327
Ion Ratio Lower Upper
85 100
87 32.9 17.8 53.3





#3
Chloromethane
Concen: 156.728 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

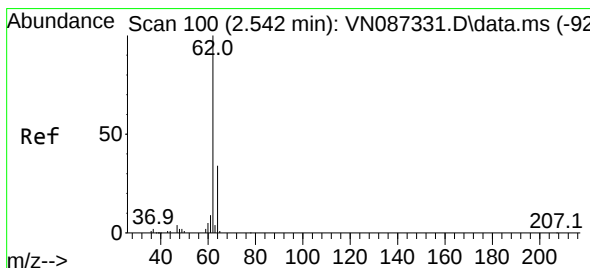
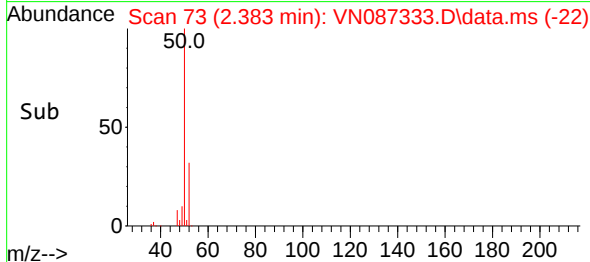
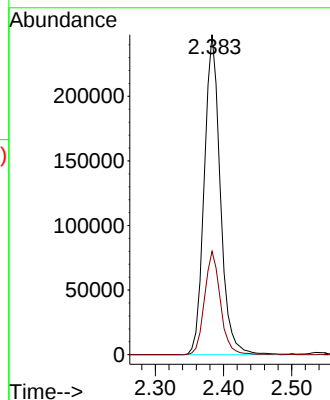
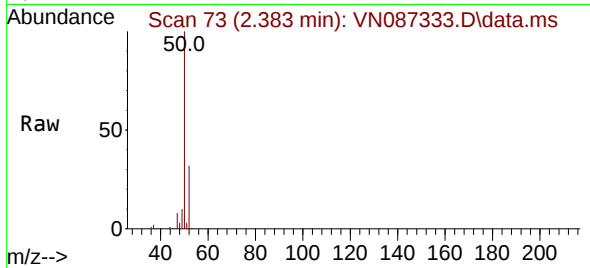
Instrument :

MSVOA_N

ClientSampleId :

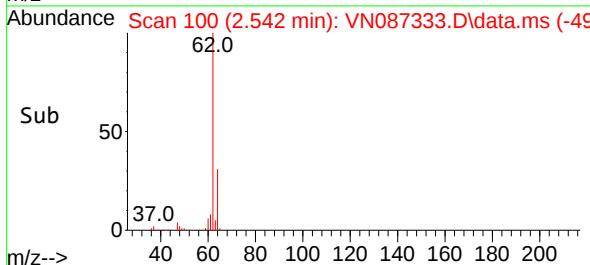
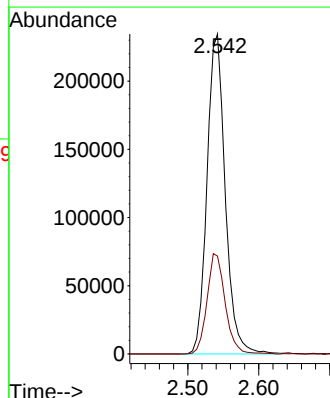
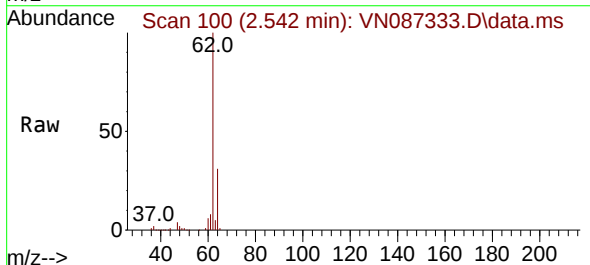
VSTDIC150

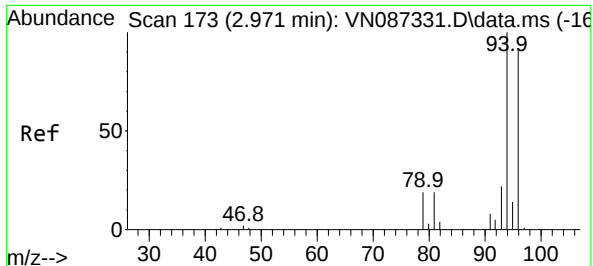
Tgt Ion: 50 Resp: 405800
Ion Ratio Lower Upper
50 100
52 32.3 26.3 39.5



#4
Vinyl Chloride
Concen: 162.646 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 62 Resp: 418507
Ion Ratio Lower Upper
62 100
64 30.6 27.0 40.6

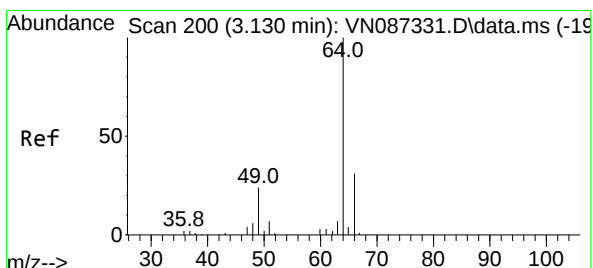
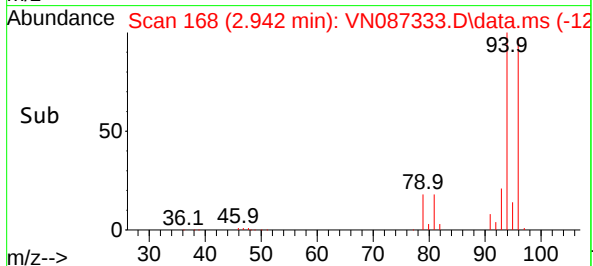
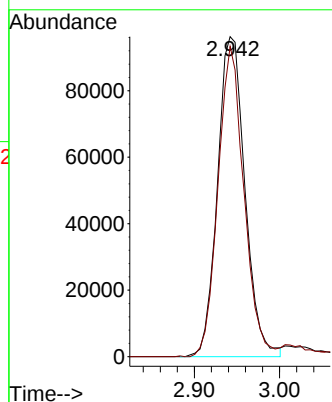
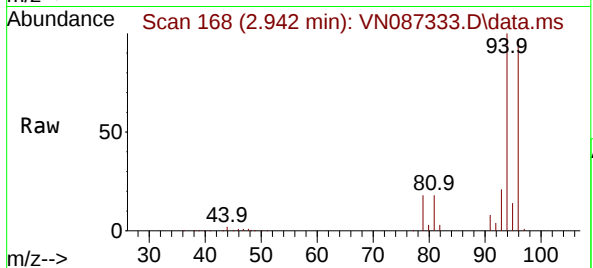




#5
Bromomethane
Concen: 161.604 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN087333.D
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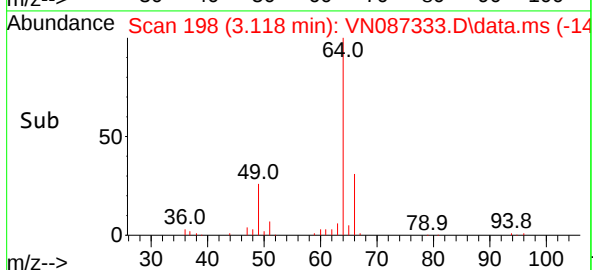
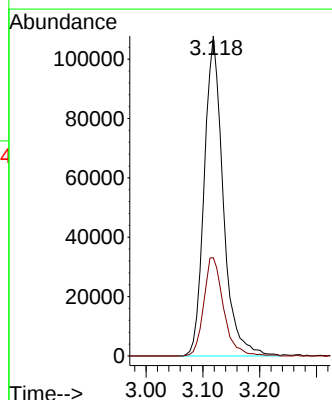
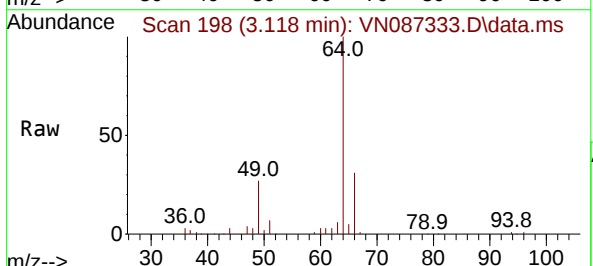
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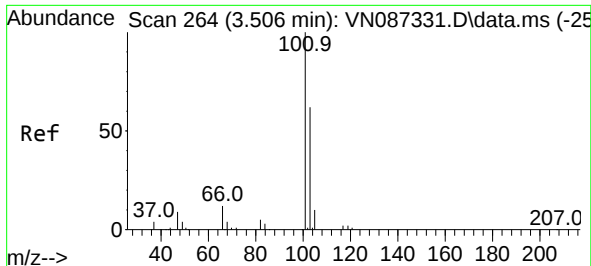
Tgt Ion: 94 Resp: 215335
Ion Ratio Lower Upper
94 100
96 96.7 73.4 110.2



#6
Chloroethane
Concen: 148.663 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 64 Resp: 249466
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8

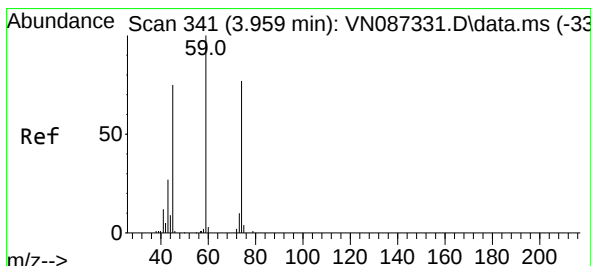
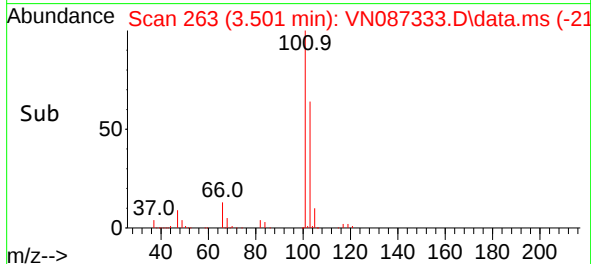
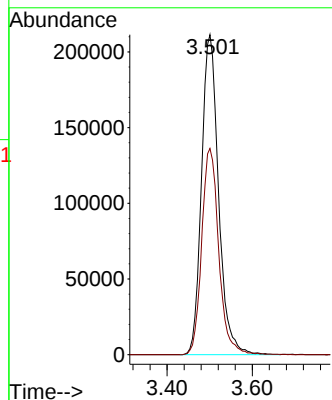
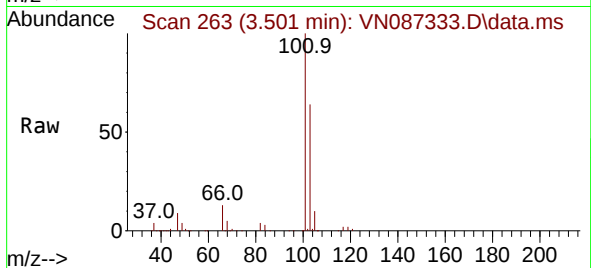




#7
Trichlorofluoromethane
Concen: 153.872 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

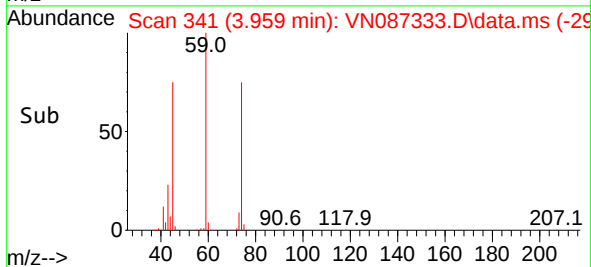
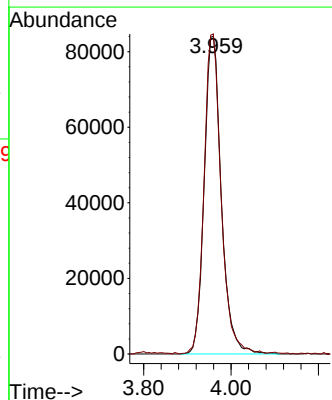
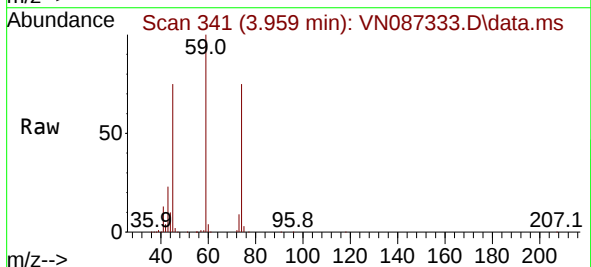
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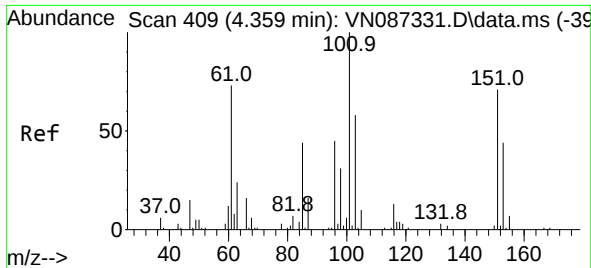
Tgt Ion:101 Resp: 585457
Ion Ratio Lower Upper
101 100
103 64.5 49.8 74.6



#8
Diethyl Ether
Concen: 154.847 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087333.D
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Tgt Ion: 74 Resp: 228544
Ion Ratio Lower Upper
74 100
45 100.7 50.8 152.5

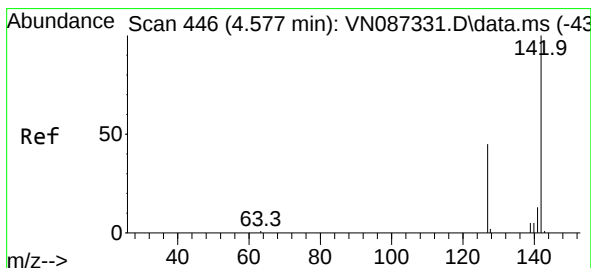
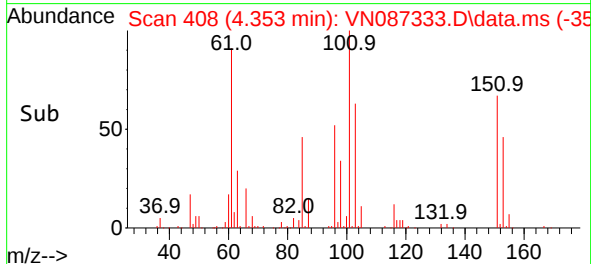
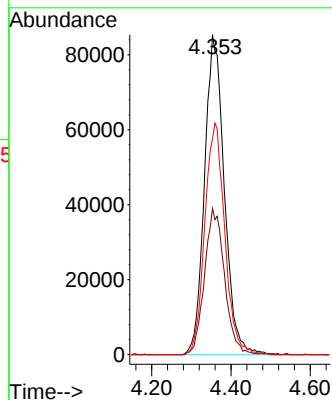
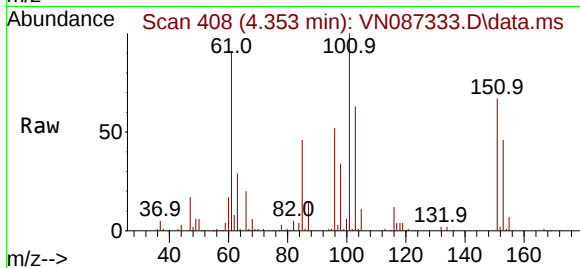




#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.587 ug/l
RT: 4.353 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

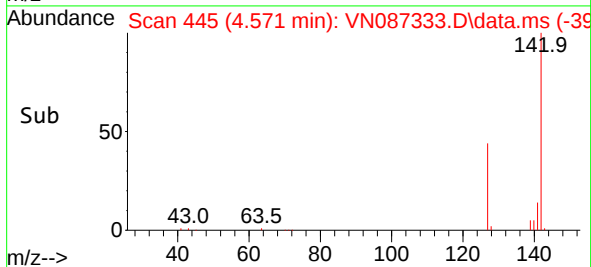
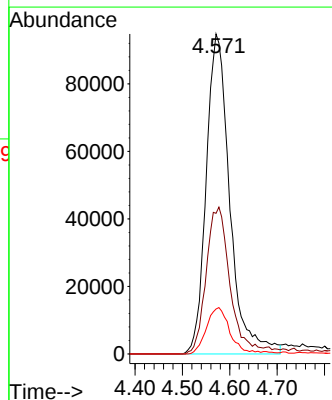
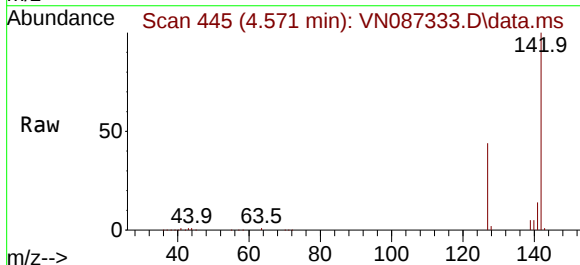
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

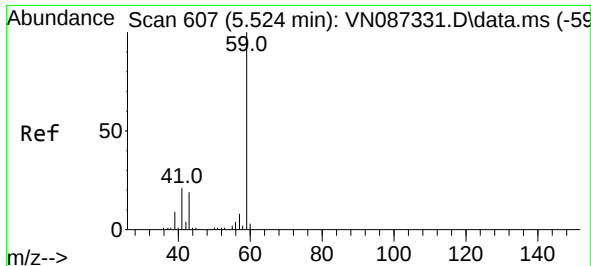
Tgt Ion:101 Resp: 296076
Ion Ratio Lower Upper
101 100
85 46.1 37.3 55.9
151 73.1 58.9 88.3



#10
Methyl Iodide
Concen: 150.516 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:142 Resp: 328079
Ion Ratio Lower Upper
142 100
127 44.0 35.7 53.5
141 14.1 10.4 15.6

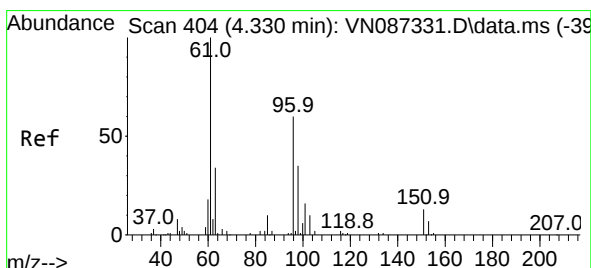
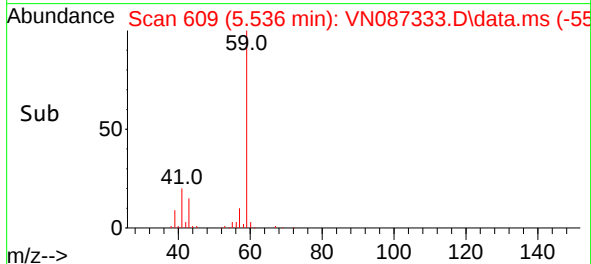
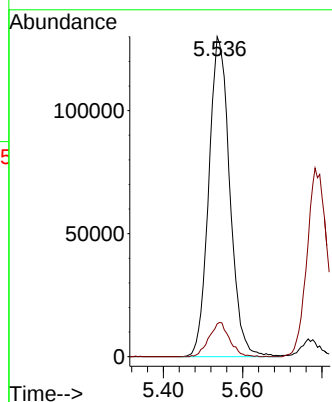
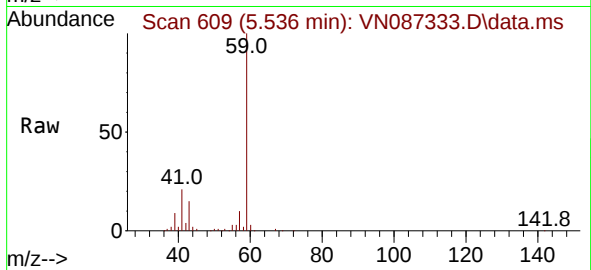




#11
Tert butyl alcohol
Concen: 765.784 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

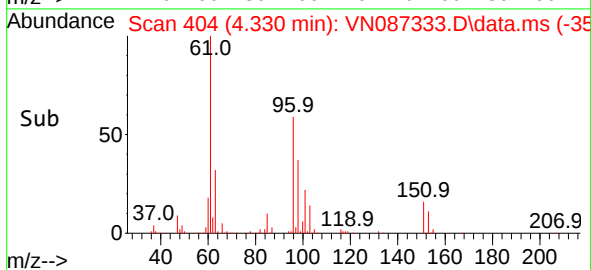
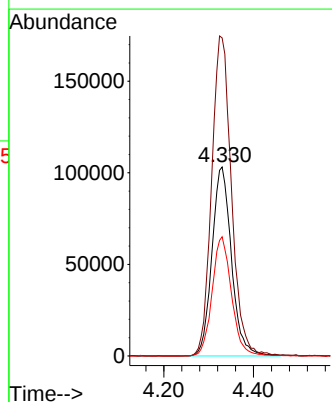
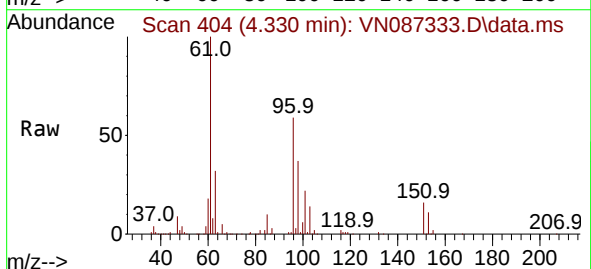
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

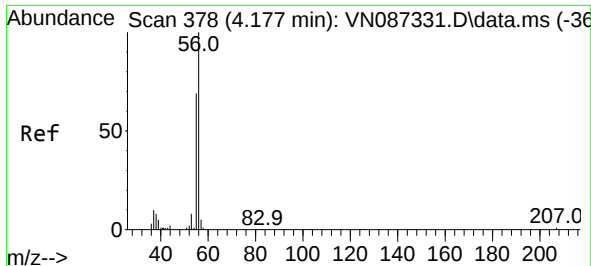
Tgt Ion: 59 Resp: 478279
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 141.111 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 96 Resp: 312325
Ion Ratio Lower Upper
96 100
61 168.2 132.3 198.5
98 63.0 46.8 70.2

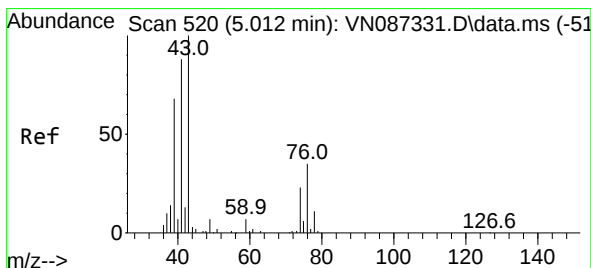
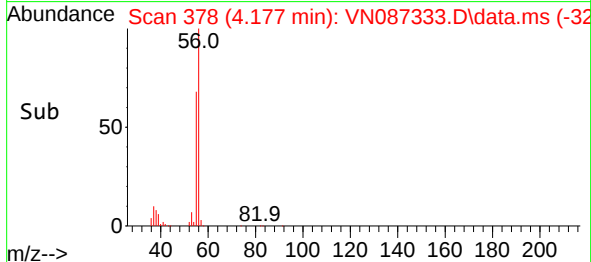
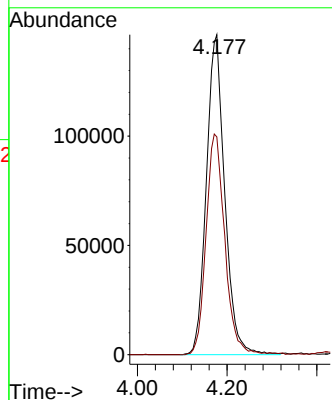
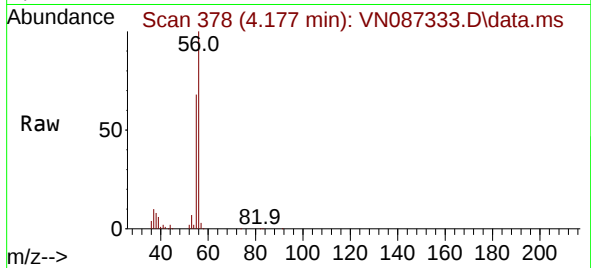




#13
Acrolein
Concen: 828.945 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

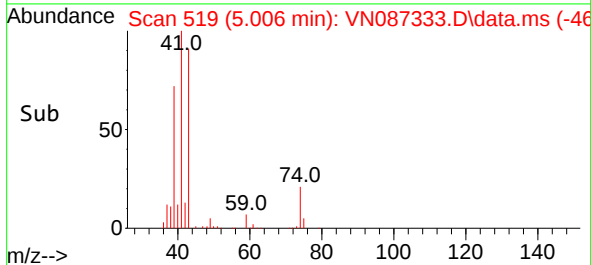
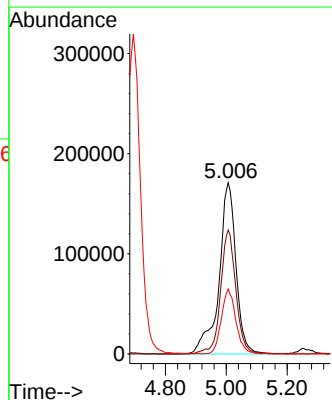
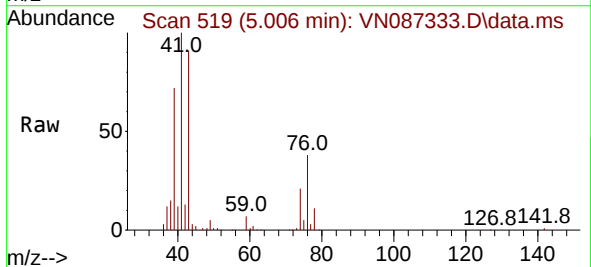
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

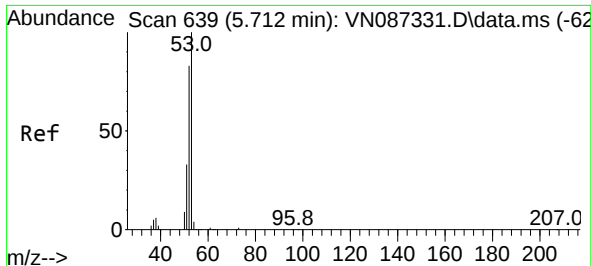
Tgt Ion: 56 Resp: 415488
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.4



#14
Allyl chloride
Concen: 165.621 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 41 Resp: 663403
Ion Ratio Lower Upper
41 100
39 64.9 59.0 88.6
76 32.4 28.7 43.1



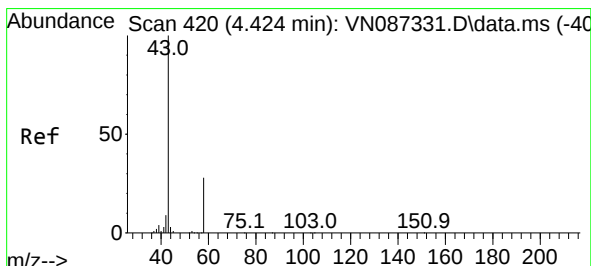
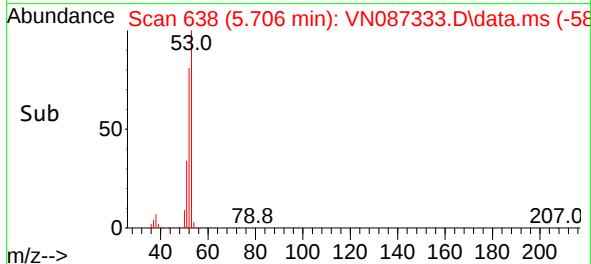
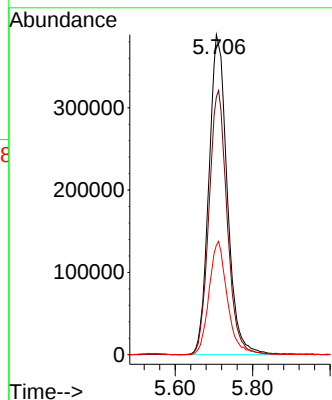
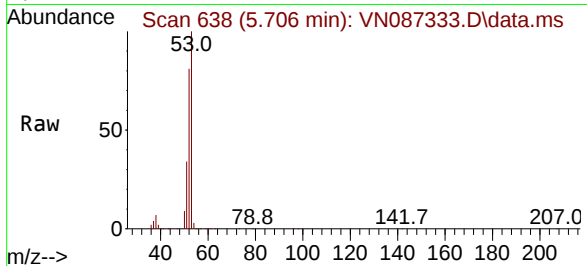


#15
Acrylonitrile
Concen: 754.869 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 1279363

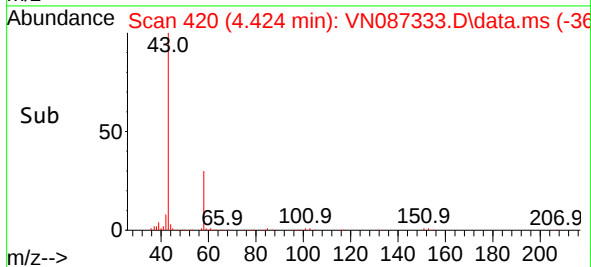
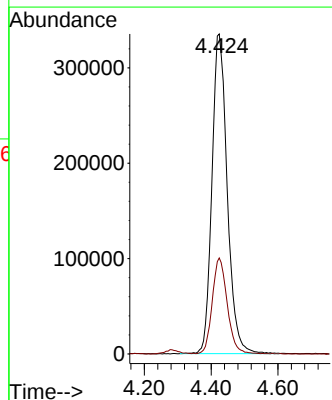
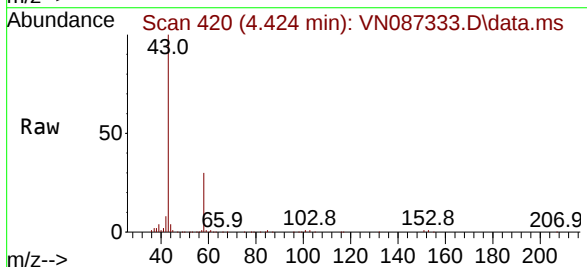
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.5	98.3
51	35.5	28.7	43.1

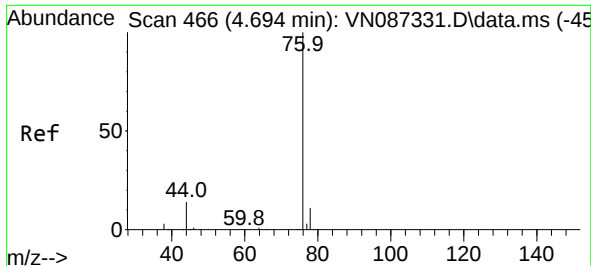


#16
Acetone
Concen: 682.373 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 43 Resp: 1064061

Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.3	33.5

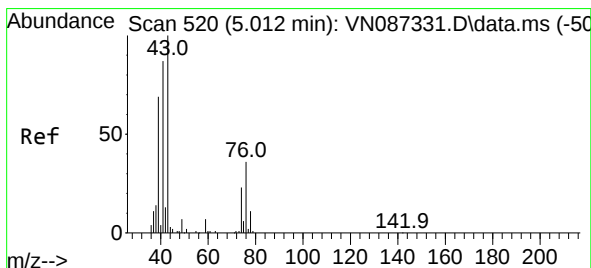
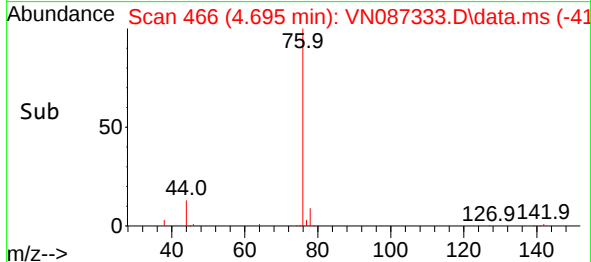
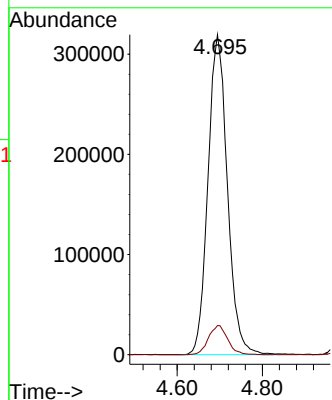
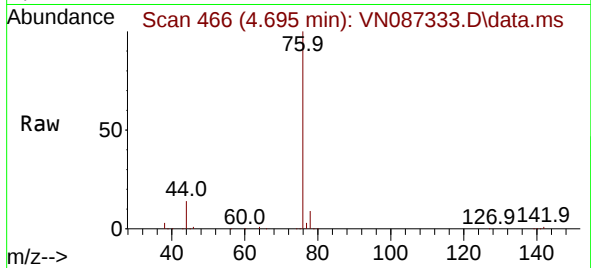




#17
Carbon Disulfide
Concen: 154.118 ug/l
RT: 4.695 min Scan# 466
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

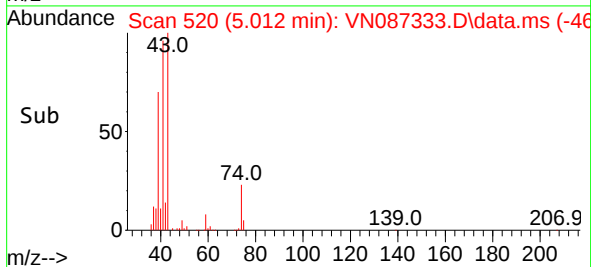
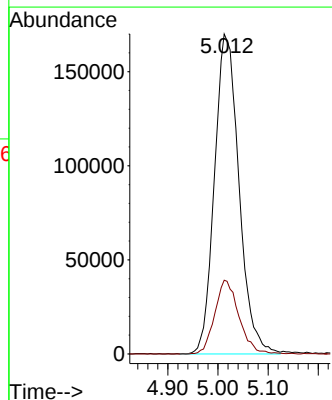
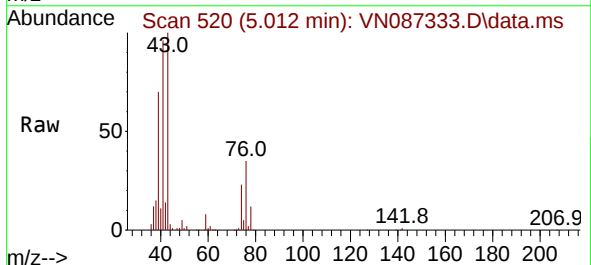
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

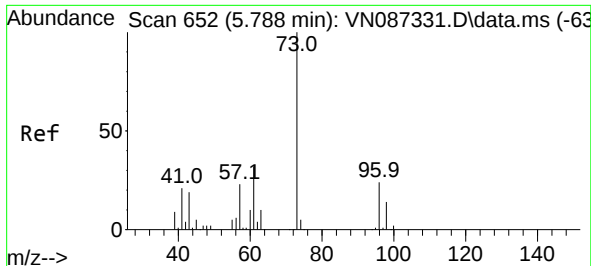
Tgt Ion: 76 Resp: 1011315
Ion Ratio Lower Upper
76 100
78 9.1 8.6 13.0



#18
Methyl Acetate
Concen: 149.052 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 43 Resp: 577536
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.6

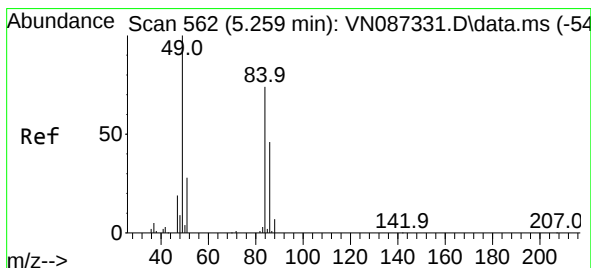
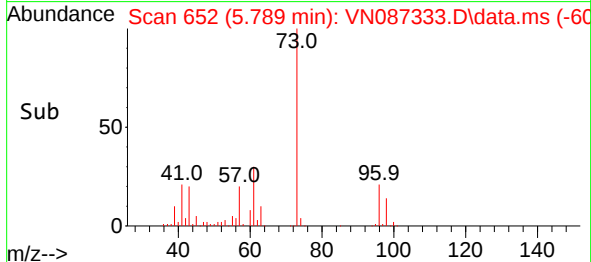
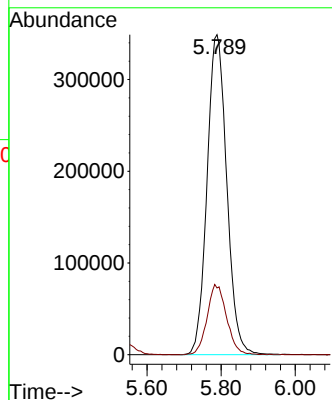
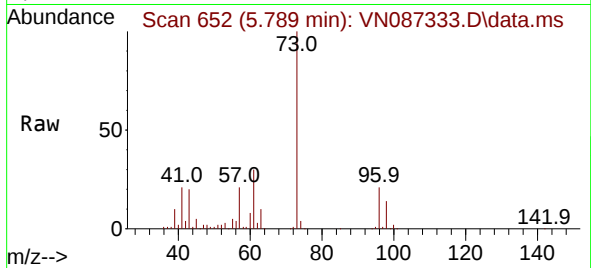




#19
Methyl tert-butyl Ether
Concen: 157.724 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

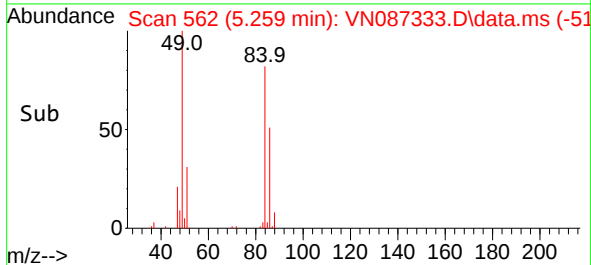
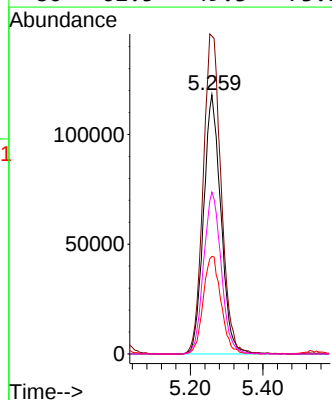
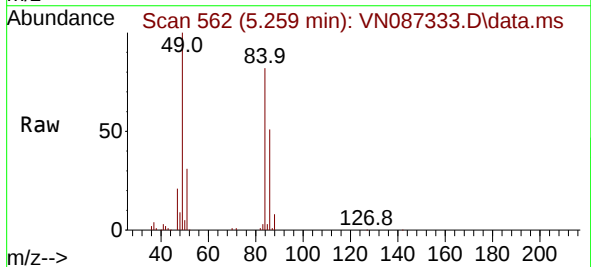
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

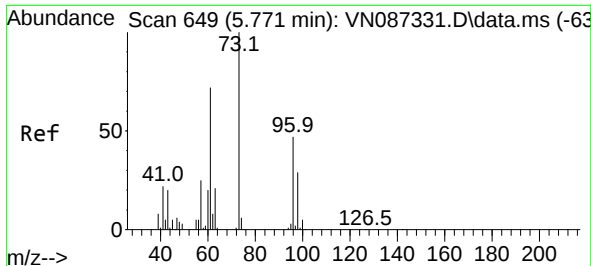
Tgt Ion: 73 Resp: 1286728
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8



#20
Methylene Chloride
Concen: 151.266 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 84 Resp: 390988
Ion Ratio Lower Upper
84 100
49 122.7 107.5 161.3
51 37.7 30.2 45.2
86 62.5 49.3 73.9

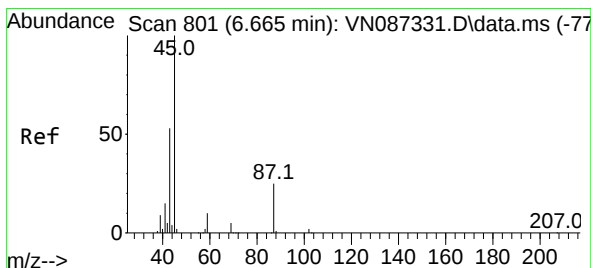
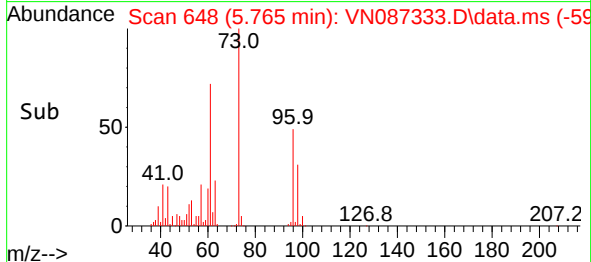
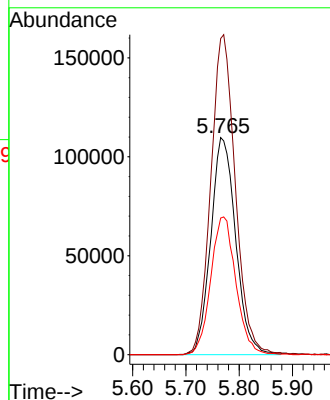
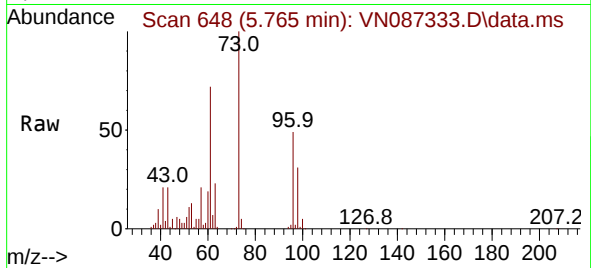




#21
trans-1,2-Dichloroethene
Concen: 142.870 ug/l
RT: 5.765 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

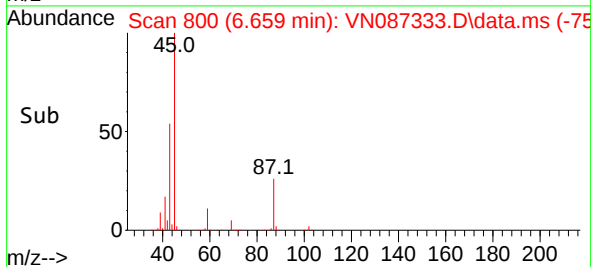
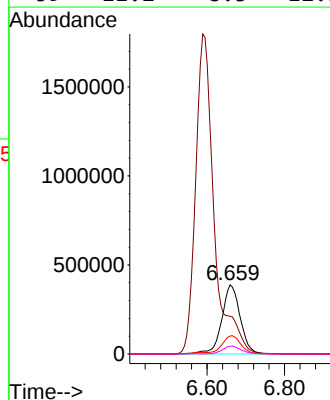
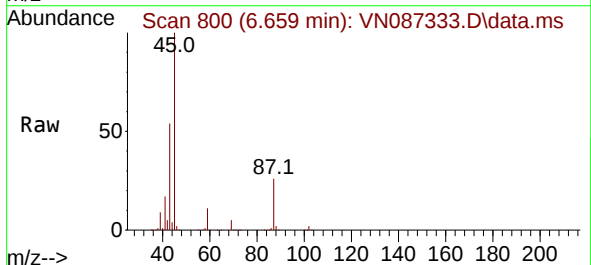
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

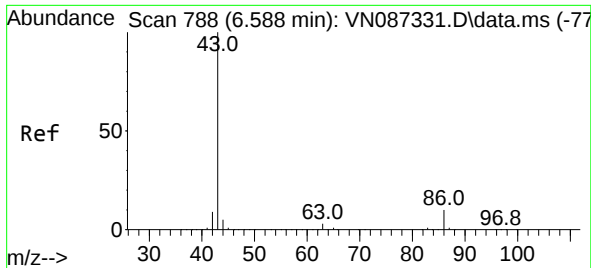
Tgt Ion: 96 Resp: 356549
Ion Ratio Lower Upper
96 100
61 145.5 122.0 183.0
98 62.9 50.0 75.0



#22
Diisopropyl ether
Concen: 152.375 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 45 Resp: 1280267
Ion Ratio Lower Upper
45 100
43 53.9 42.8 64.2
87 25.9 19.8 29.6
59 11.2 8.3 12.5

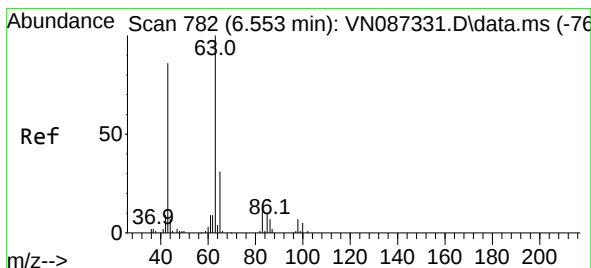
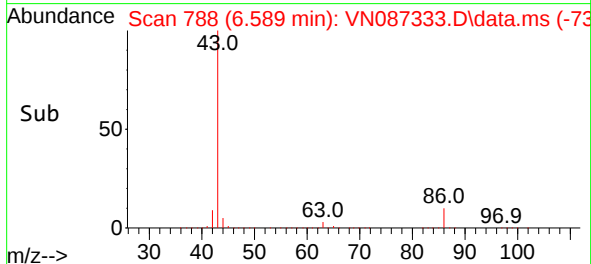
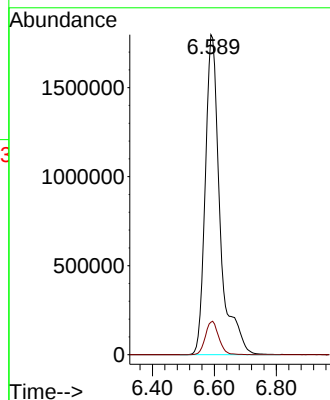
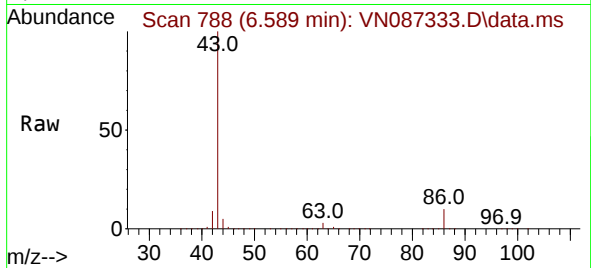




#23
 Vinyl Acetate
 Concen: 808.750 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.001 min
 Lab File: VN087333.D
 Acq: 16 Jul 2025 18:54

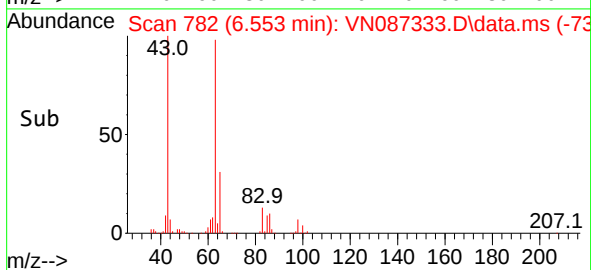
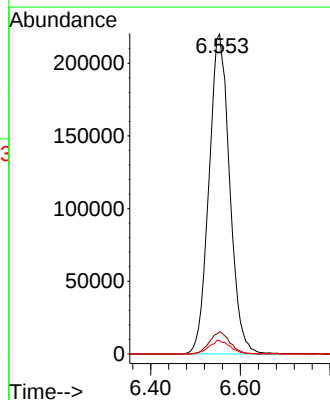
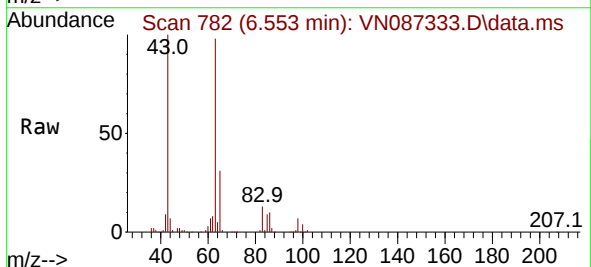
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

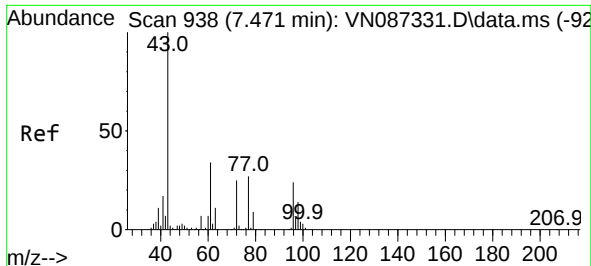
Tgt Ion: 43 Resp: 5943020
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 145.384 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087333.D
 Acq: 16 Jul 2025 18:54

Tgt Ion: 63 Resp: 704727
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.2 2.5 7.4

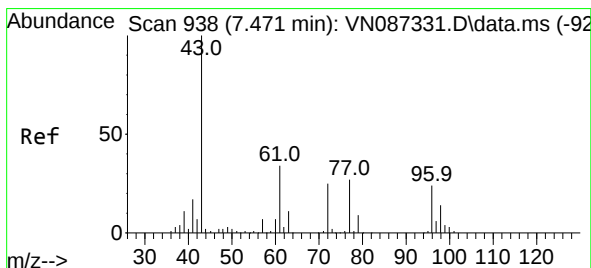
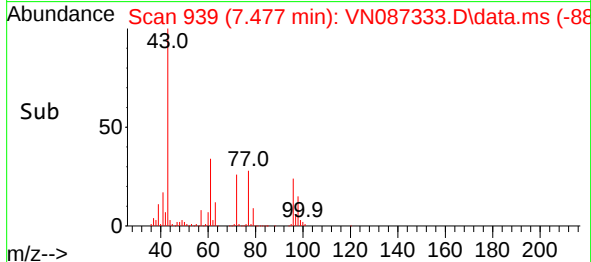
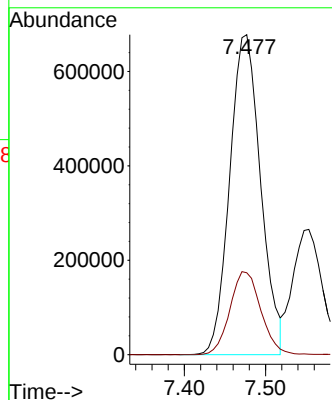
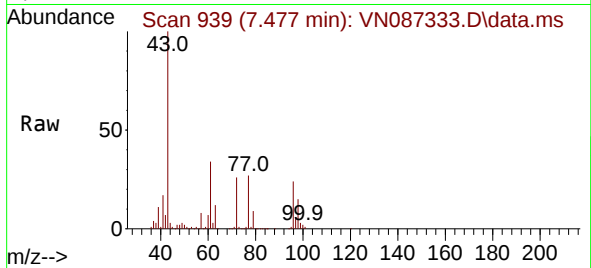




#25
2-Butanone
Concen: 754.179 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

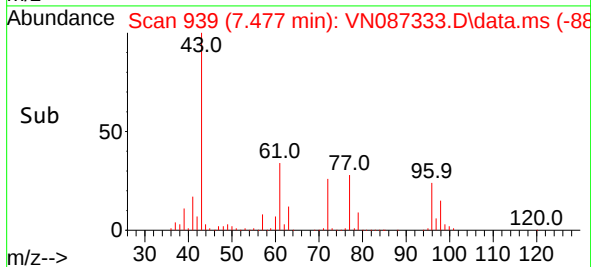
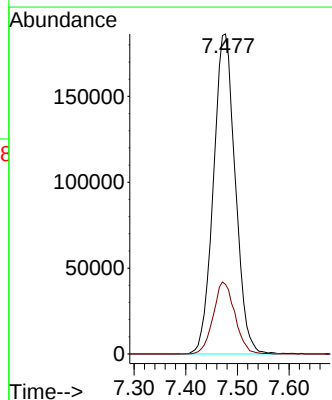
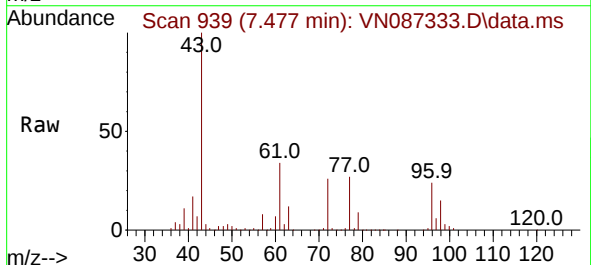
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

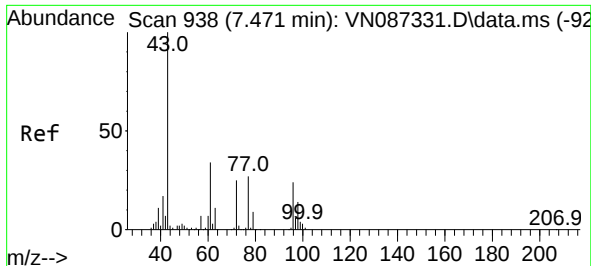
Tgt Ion: 43 Resp: 1797146
Ion Ratio Lower Upper
43 100
72 25.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 145.193 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 77 Resp: 547190
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.1



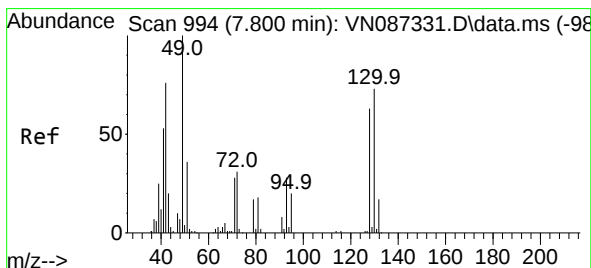
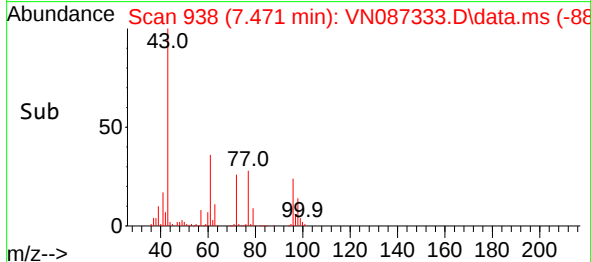
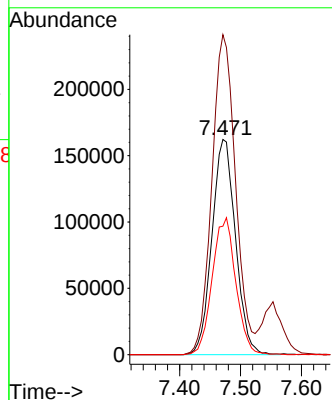
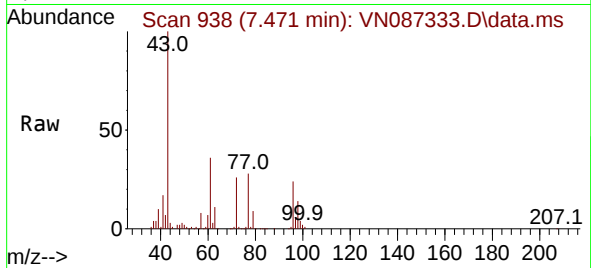


#27
 cis-1,2-Dichloroethene
 Concen: 152.102 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN087333.D
 Acq: 16 Jul 2025 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 437021

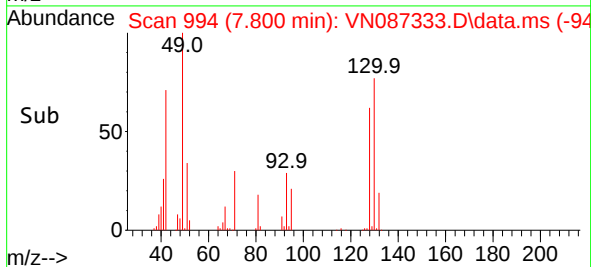
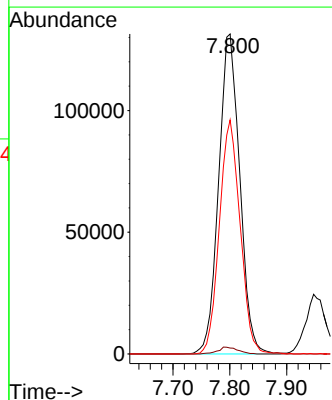
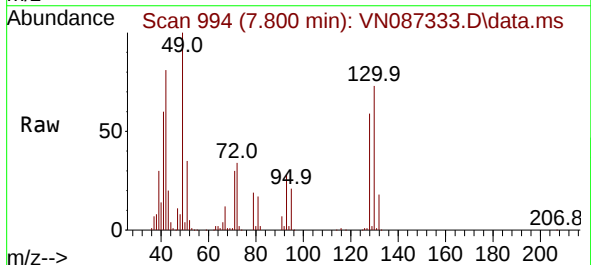
Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	297.8
98	63.7	0.0	132.4

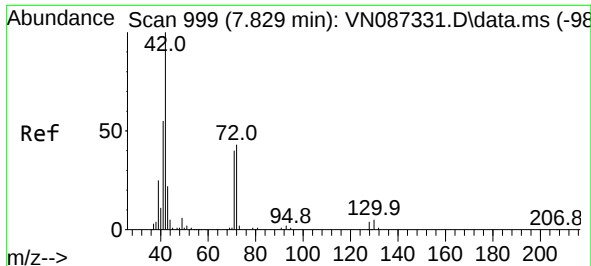


#28
 Bromochloromethane
 Concen: 146.355 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087333.D
 Acq: 16 Jul 2025 18:54

Tgt Ion: 49 Resp: 339529

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	71.9	57.3	85.9

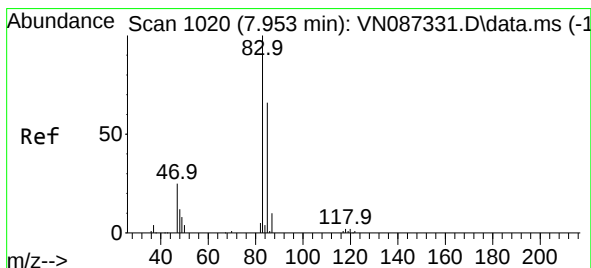
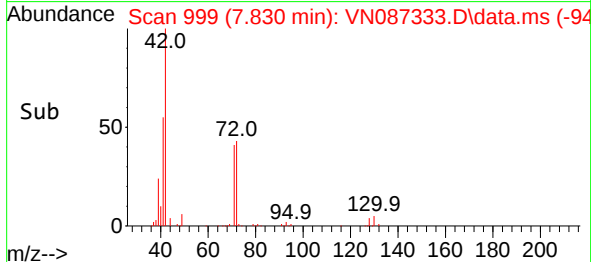
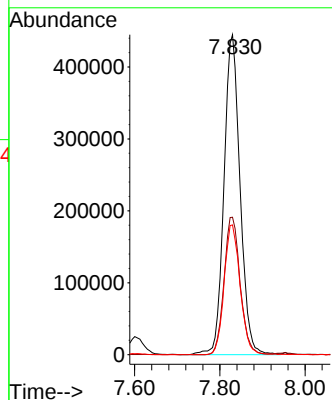
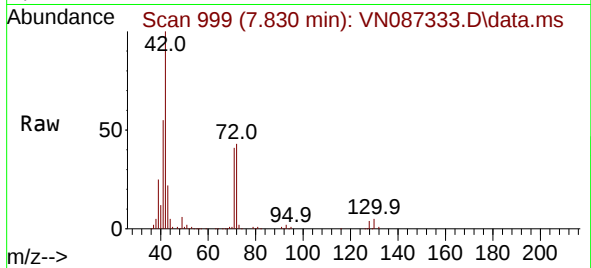




#29
Tetrahydrofuran
Concen: 753.679 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

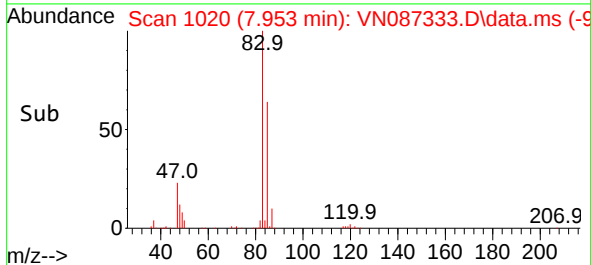
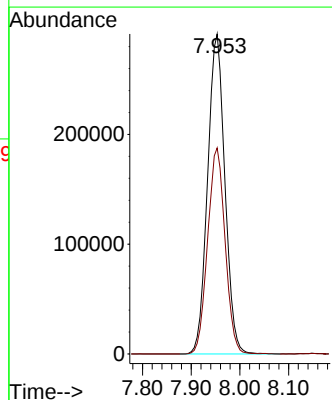
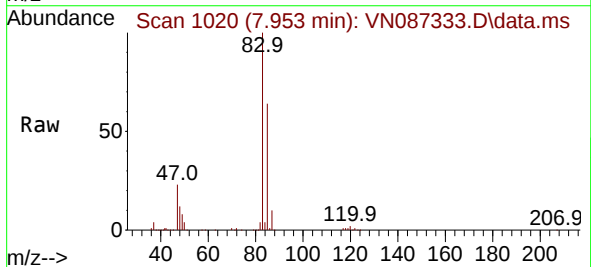
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

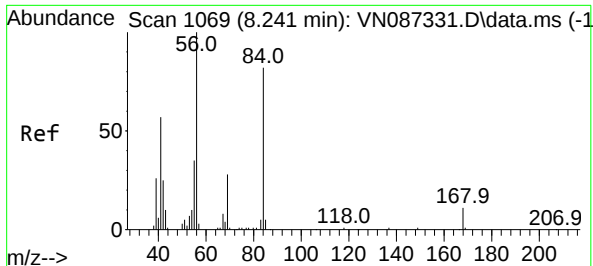
Tgt Ion: 42 Resp: 1166702
Ion Ratio Lower Upper
42 100
72 43.0 33.4 50.0
71 40.3 31.2 46.8



#30
Chloroform
Concen: 147.865 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 83 Resp: 717424
Ion Ratio Lower Upper
83 100
85 64.4 52.7 79.1

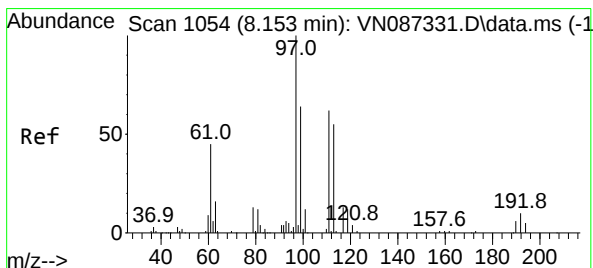
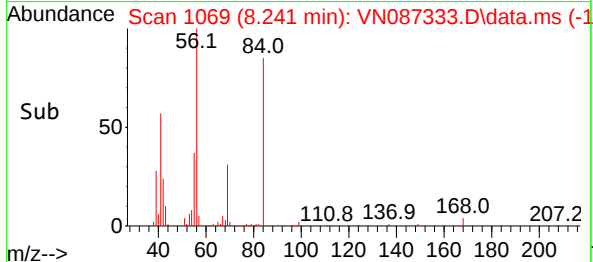
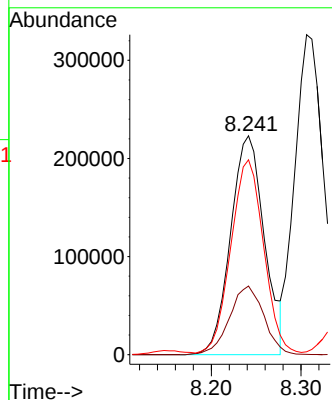
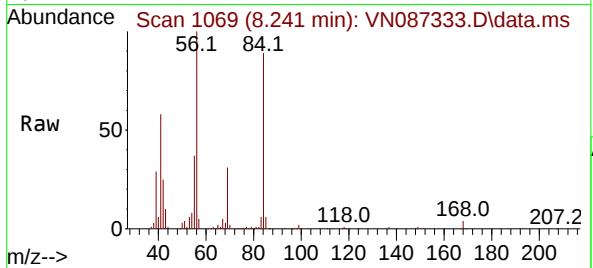




#31
Cyclohexane
Concen: 144.170 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

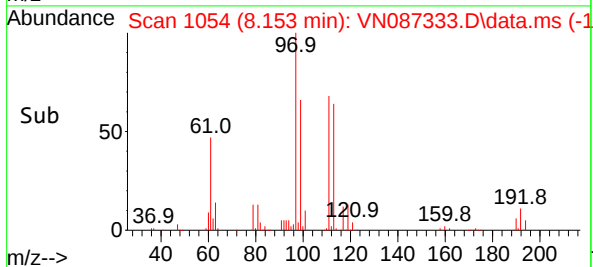
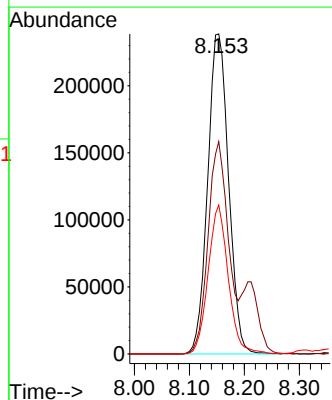
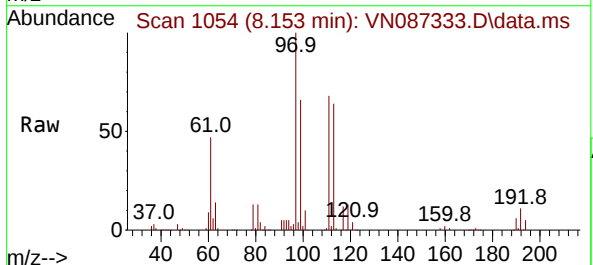
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

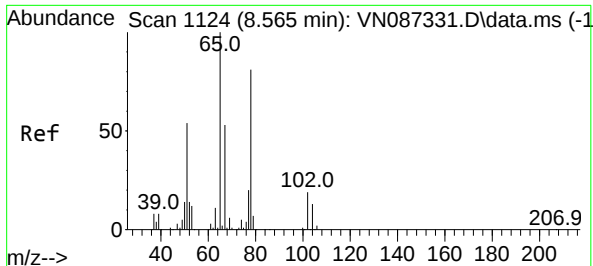
Tgt Ion: 56 Resp: 582988
Ion Ratio Lower Upper
56 100
69 31.4 22.7 34.1
84 87.7 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 150.152 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 97 Resp: 630986
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.8
61 45.0 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 152.545 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

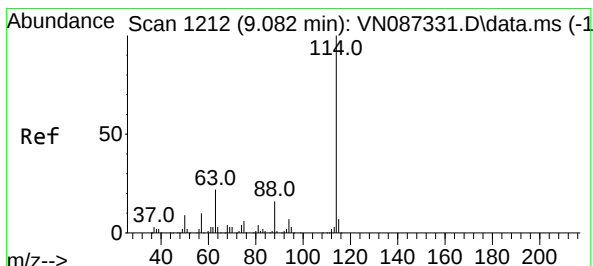
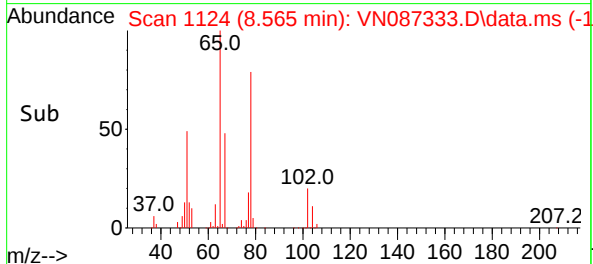
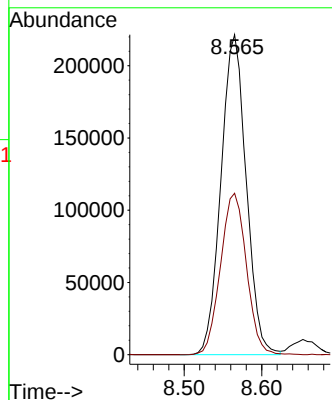
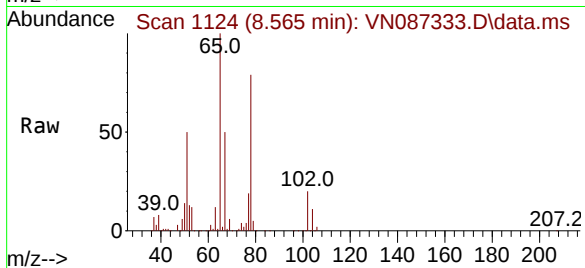
VSTDIC150

Tgt Ion: 65 Resp: 501760

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

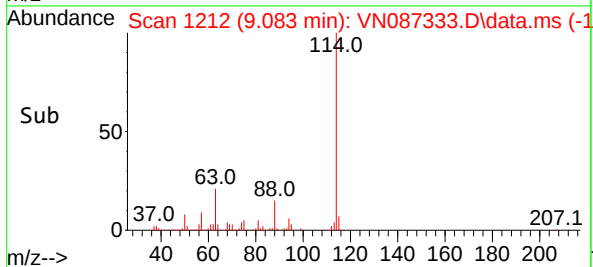
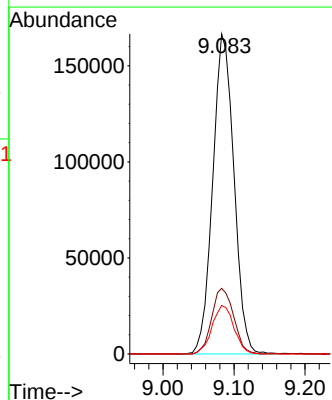
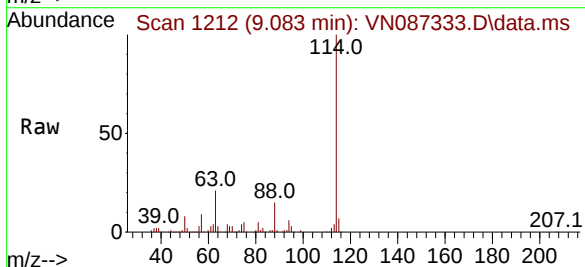
Tgt Ion: 114 Resp: 344966

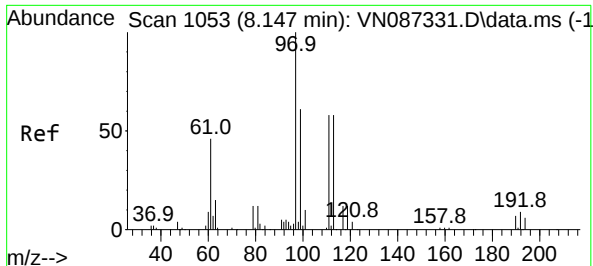
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.6

88 15.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 154.778 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

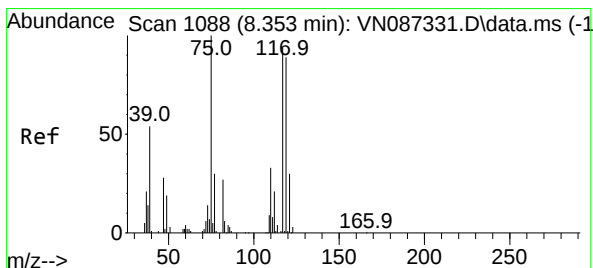
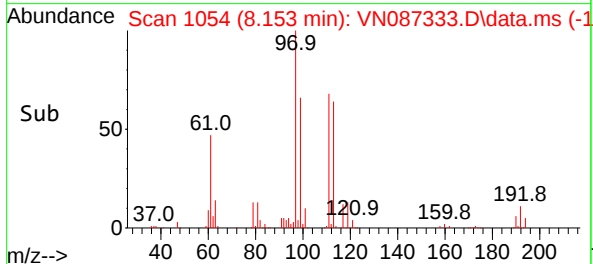
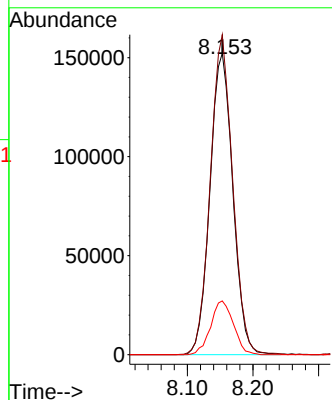
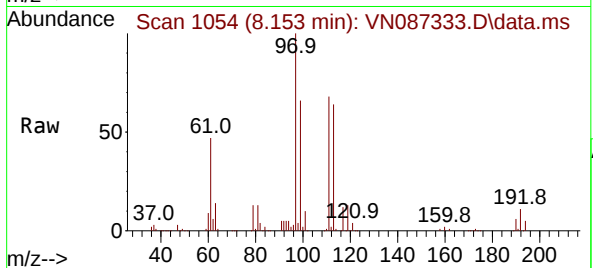
Tgt Ion:113 Resp: 368306

Ion Ratio Lower Upper

113 100

111 103.8 82.5 123.7

192 17.8 13.7 20.5



#36

1,1-Dichloropropene

Concen: 160.248 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

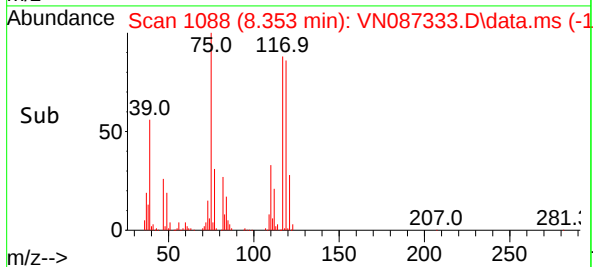
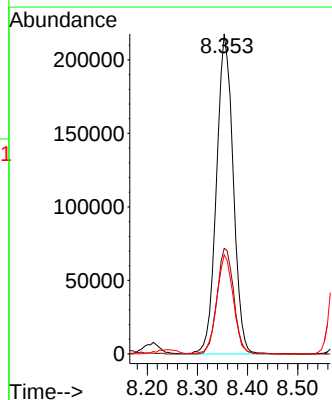
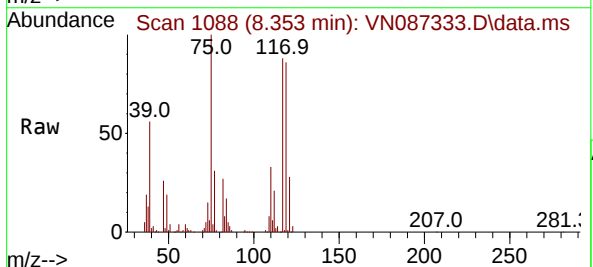
Tgt Ion: 75 Resp: 503793

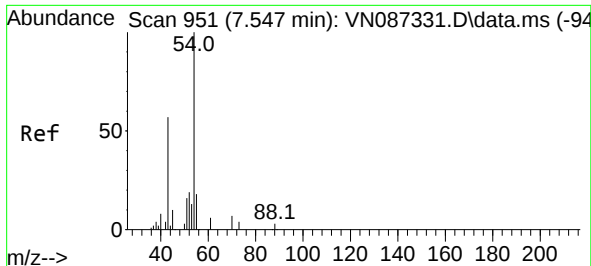
Ion Ratio Lower Upper

75 100

110 33.1 16.7 50.1

77 30.9 25.2 37.8

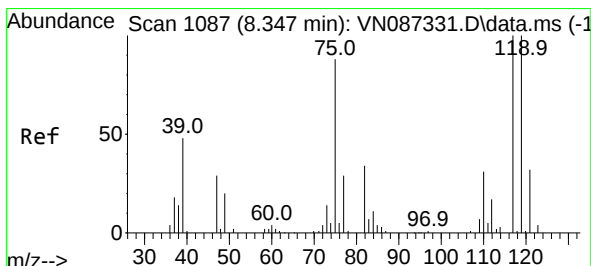
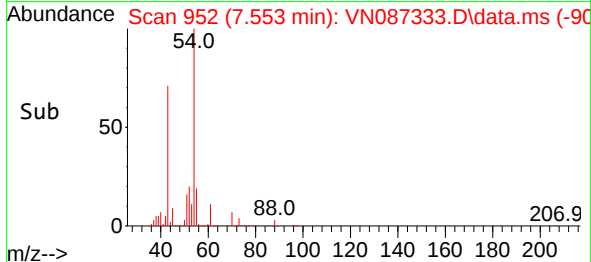
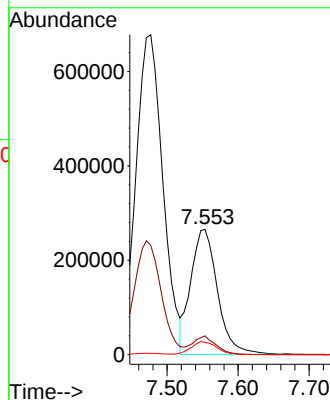
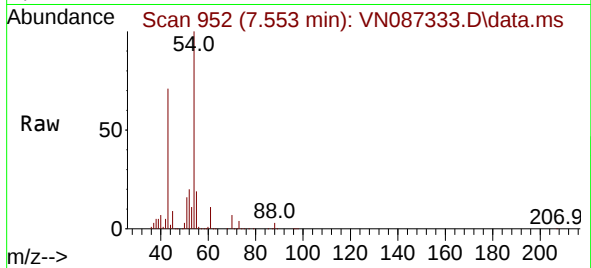




#37
Ethyl Acetate
Concen: 152.464 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

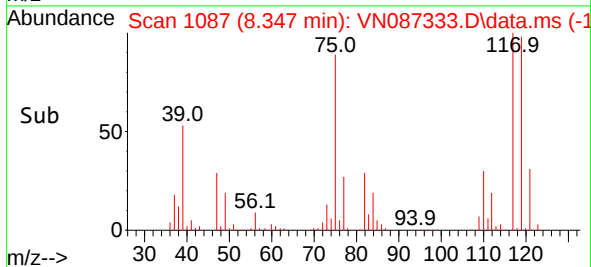
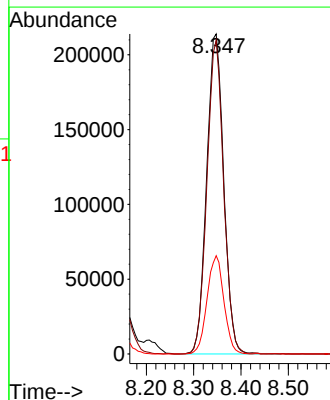
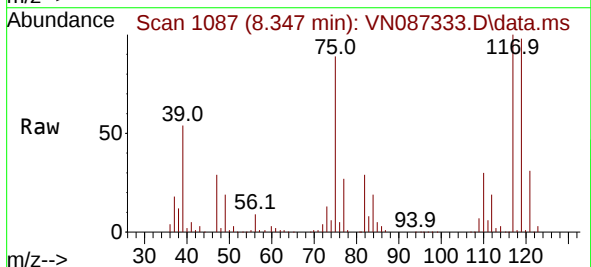
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

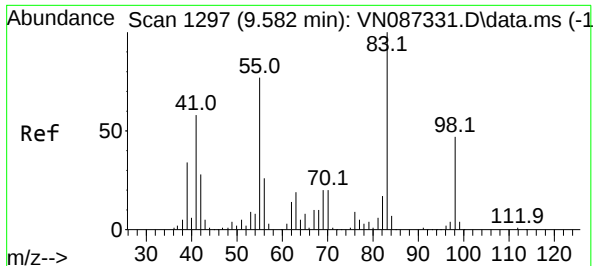
Tgt Ion: 43 Resp: 692256
Ion Ratio Lower Upper
43 100
61 13.2 10.9 16.3
70 10.1 7.4 11.0



#38
Carbon Tetrachloride
Concen: 154.647 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 117 Resp: 535575
Ion Ratio Lower Upper
117 100
119 98.0 80.2 120.2
121 30.7 25.4 38.2





#39

Methylcyclohexane

Concen: 164.485 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

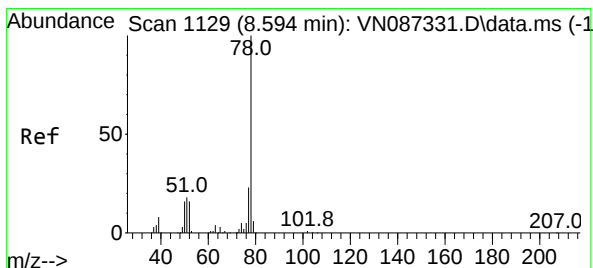
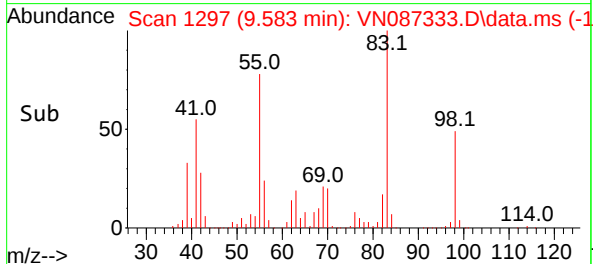
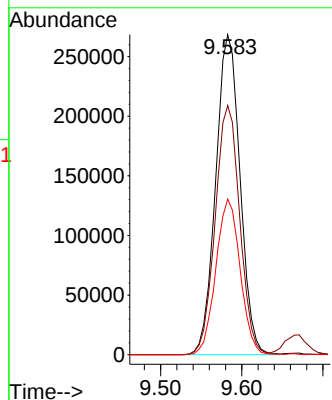
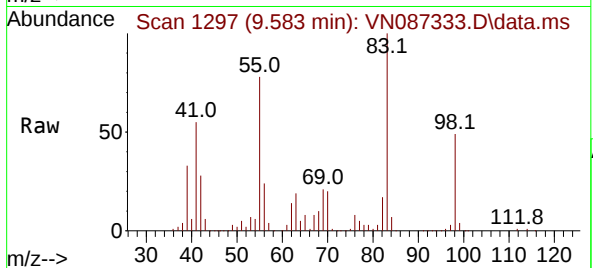
Tgt Ion: 83 Resp: 559851

Ion Ratio Lower Upper

83 100

55 77.8 61.3 91.9

98 48.6 37.9 56.9



#40

Benzene

Concen: 152.642 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087333.D

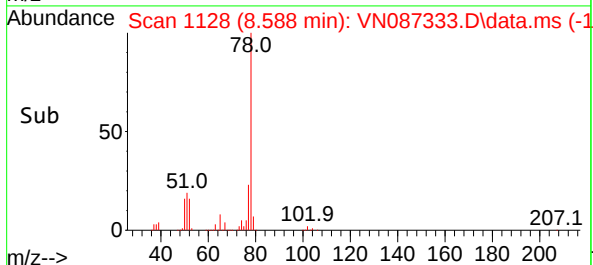
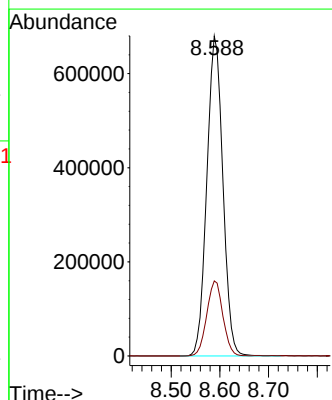
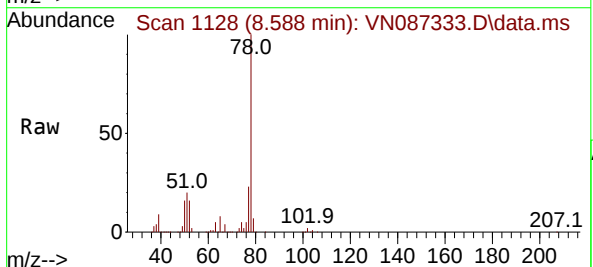
Acq: 16 Jul 2025 18:54

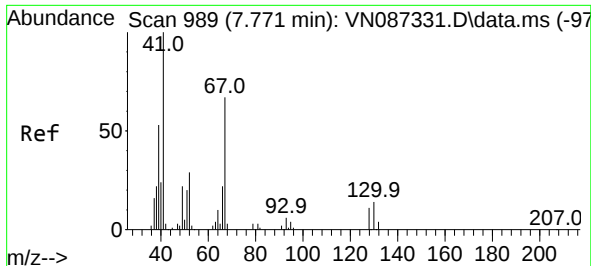
Tgt Ion: 78 Resp: 1550984

Ion Ratio Lower Upper

78 100

77 23.5 18.2 27.2

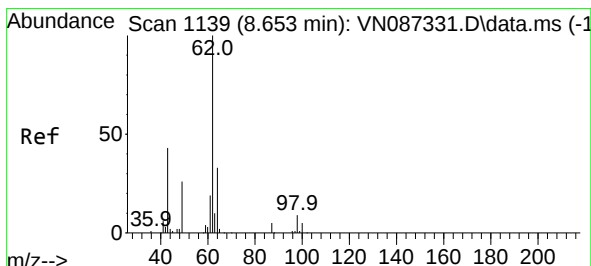
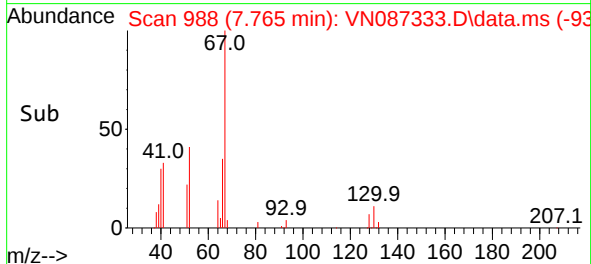
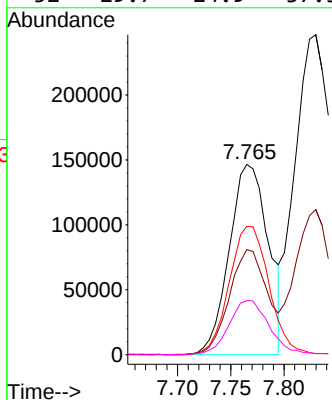
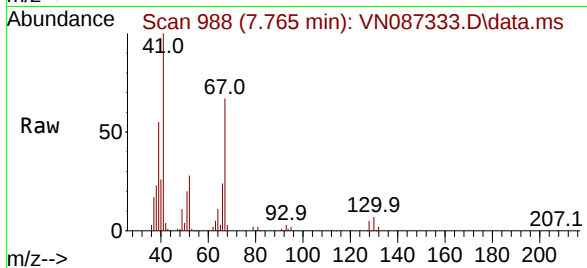




#41
Methacrylonitrile
Concen: 158.156 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

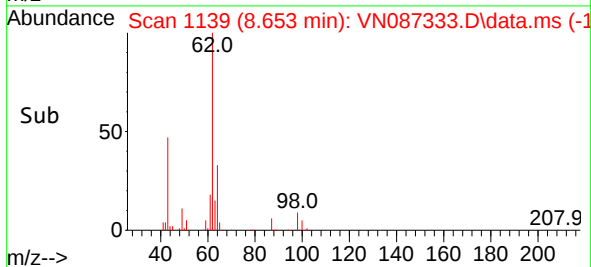
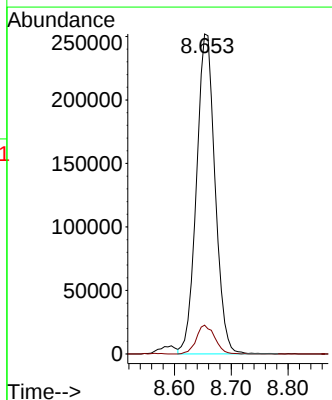
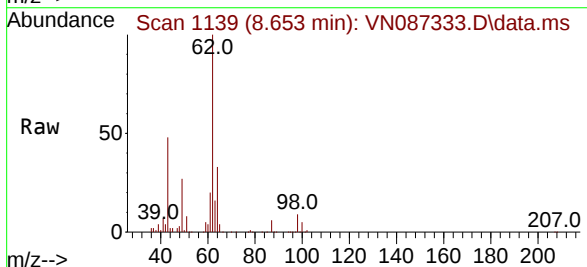
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

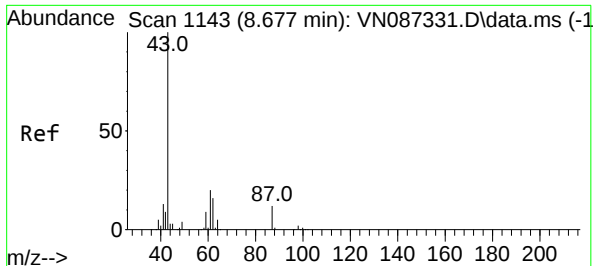
Tgt Ion:	41	Resp:	375482
Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.4	65.0
67	68.5	55.1	82.7
52	29.7	24.9	37.3



#42
1,2-Dichloroethane
Concen: 148.352 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:	62	Resp:	571634
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

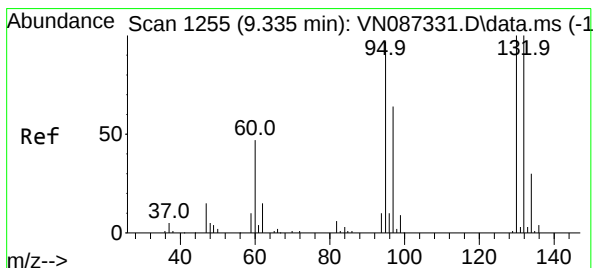
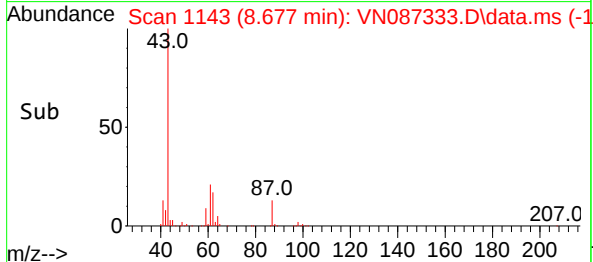
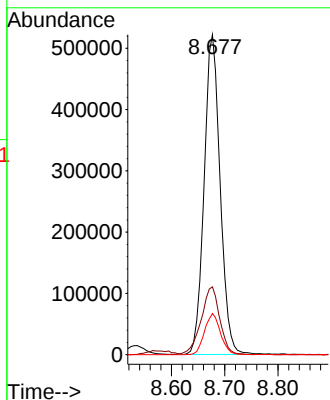
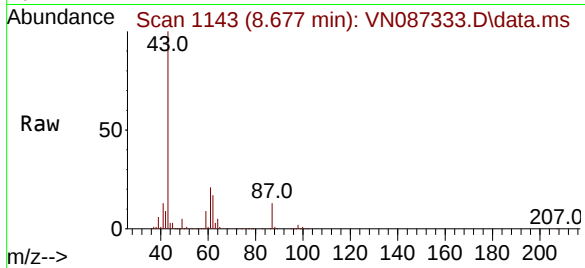




#43
Isopropyl Acetate
Concen: 154.893 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

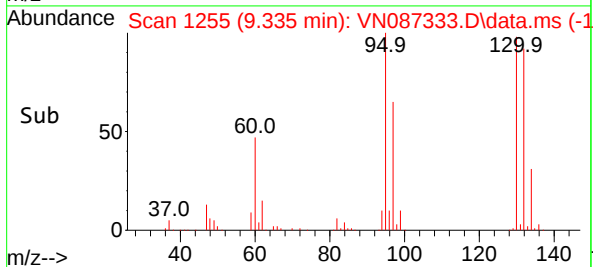
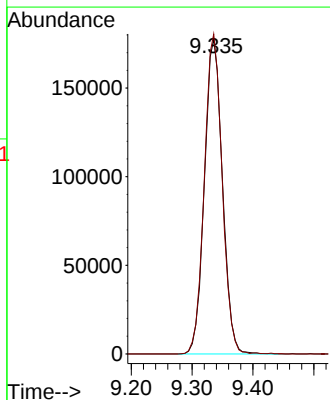
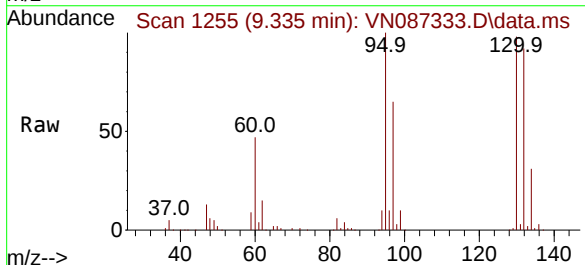
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

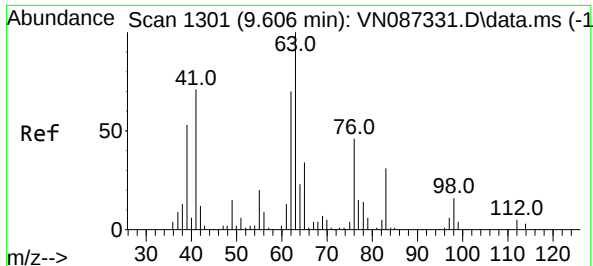
Tgt Ion: 43 Resp: 1091736
Ion Ratio Lower Upper
43 100
61 24.8 19.8 29.8
87 12.8 9.8 14.6



#44
Trichloroethene
Concen: 151.927 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:130 Resp: 364760
Ion Ratio Lower Upper
130 100
95 101.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 151.708 ug/l

RT: 9.606 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

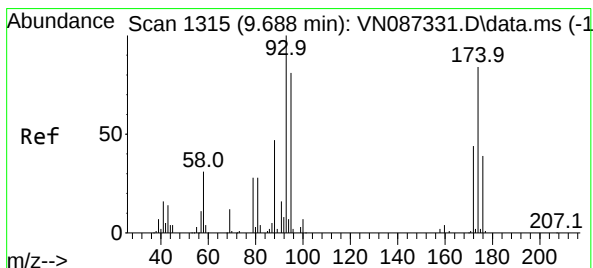
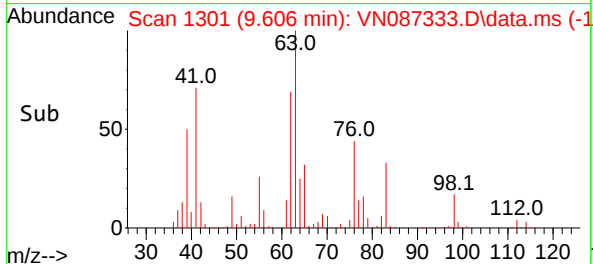
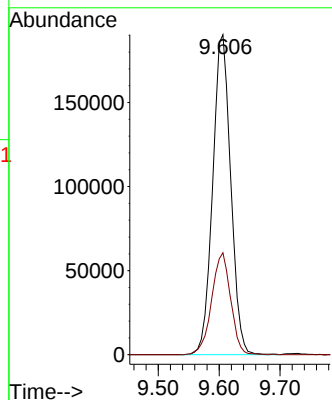
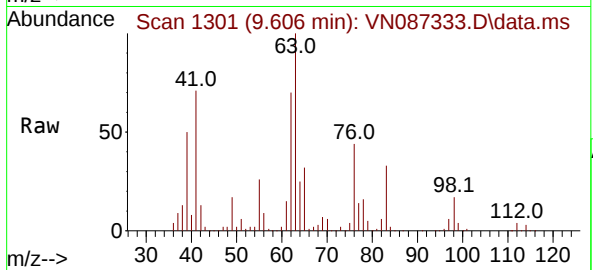
VSTDIC150

Tgt Ion: 63 Resp: 391676

Ion Ratio Lower Upper

63 100

65 31.9 27.0 40.4



#46

Dibromomethane

Concen: 148.602 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

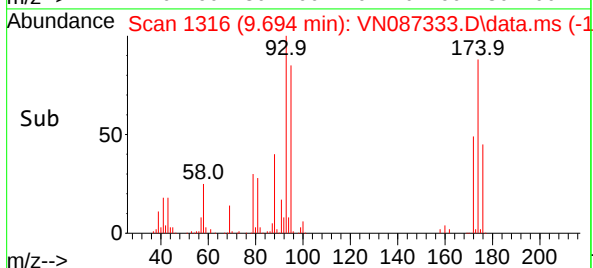
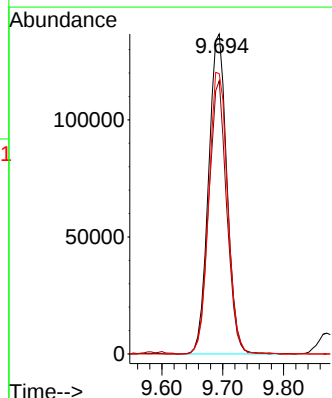
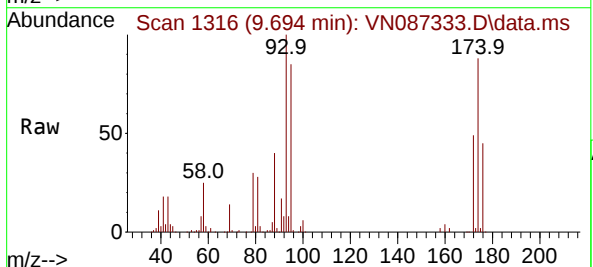
Tgt Ion: 93 Resp: 287252

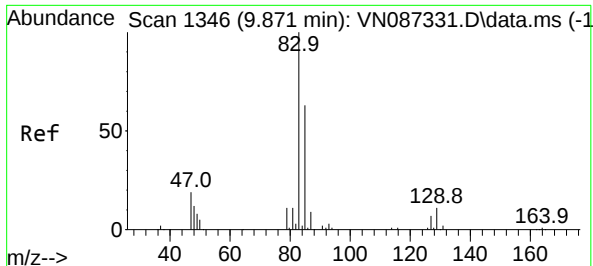
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 89.7 69.9 104.9

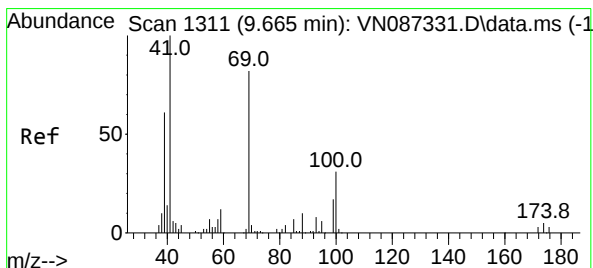
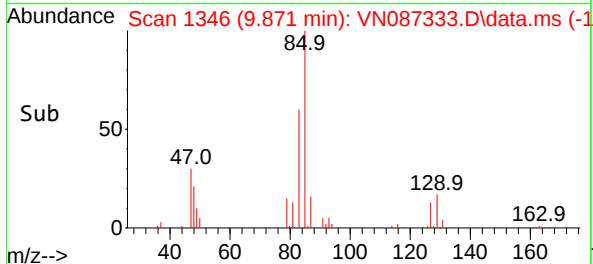
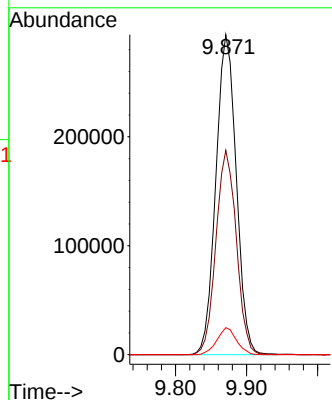
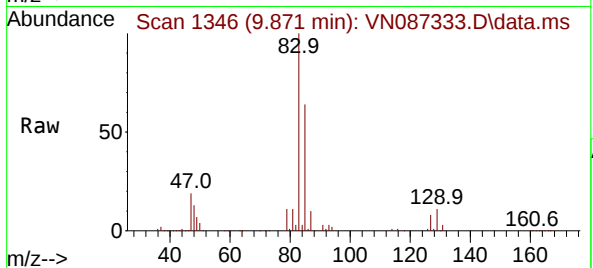




#47
Bromodichloromethane
Concen: 150.128 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

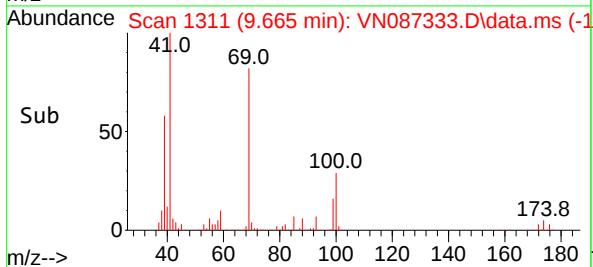
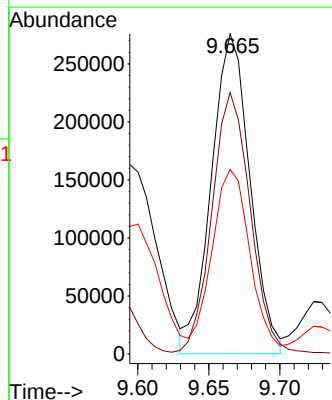
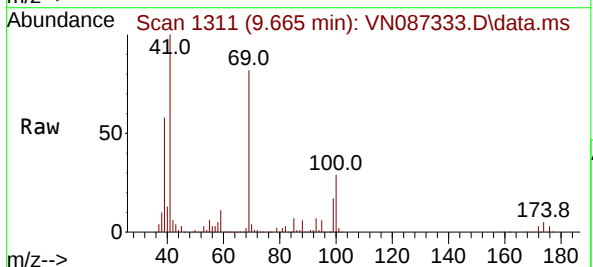
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

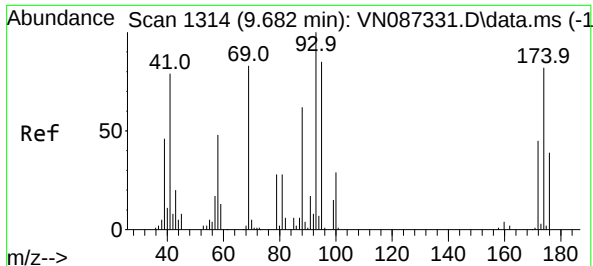
Tgt Ion: 83 Resp: 584546
Ion Ratio Lower Upper
83 100
85 63.8 50.4 75.6
127 8.4 5.8 8.8



#48
Methyl methacrylate
Concen: 164.191 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 41 Resp: 520990
Ion Ratio Lower Upper
41 100
69 81.7 64.1 96.1
39 57.0 45.5 68.3





#49

1,4-Dioxane

Concen: 3238.745 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

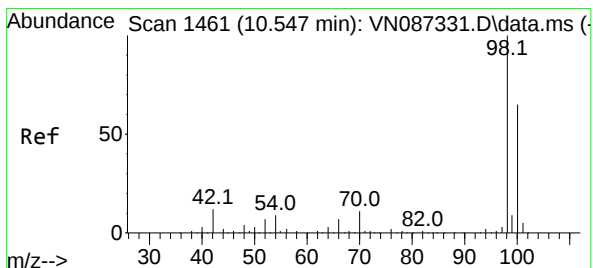
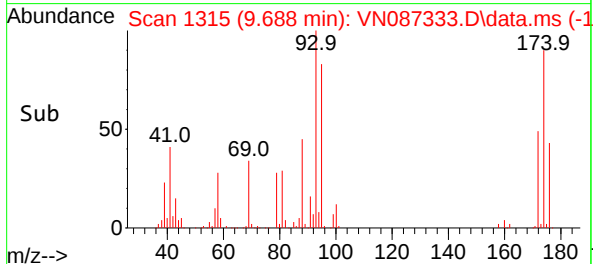
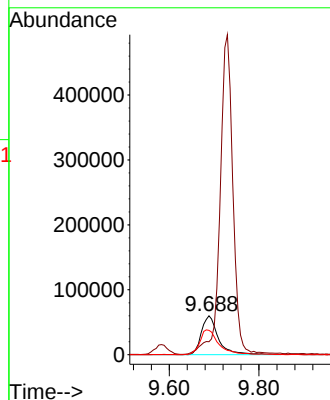
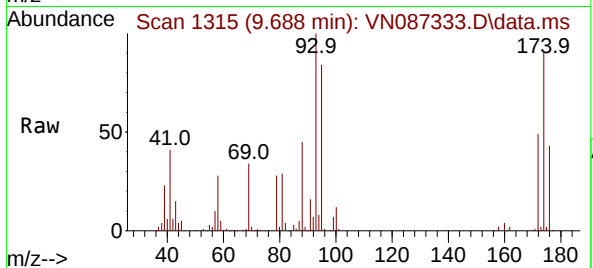
Tgt Ion: 88 Resp: 157400

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.5 61.1 91.7



#50

Toluene-d8

Concen: 160.469 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087333.D

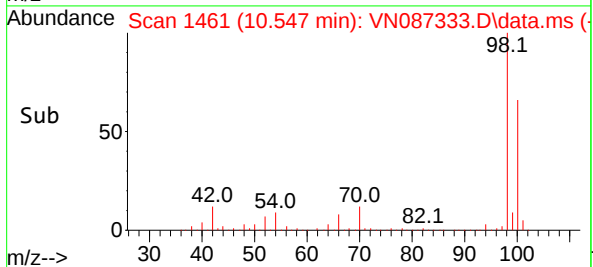
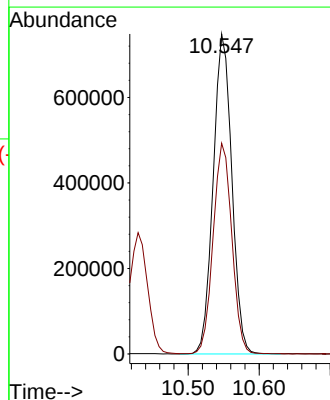
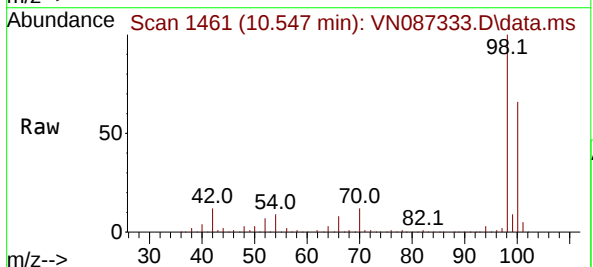
Acq: 16 Jul 2025 18:54

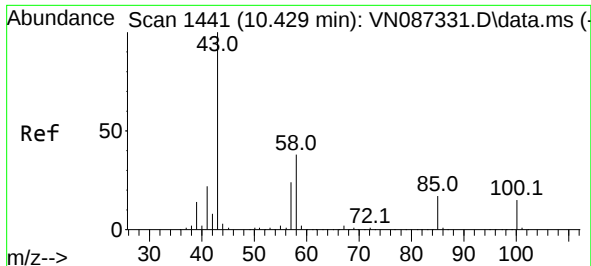
Tgt Ion: 98 Resp: 1362098

Ion Ratio Lower Upper

98 100

100 66.2 52.1 78.1

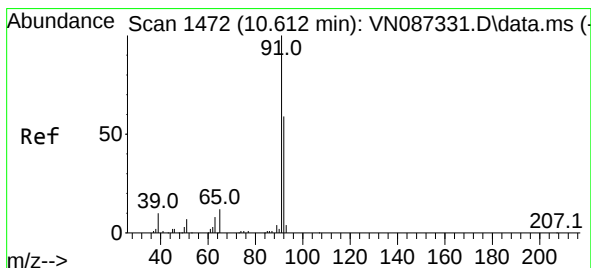
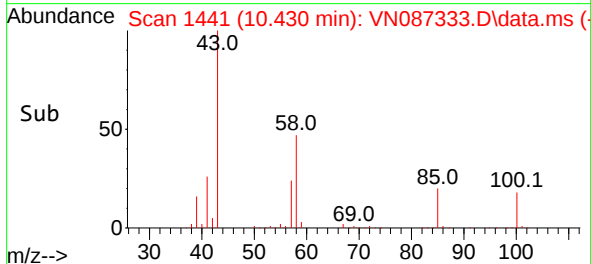
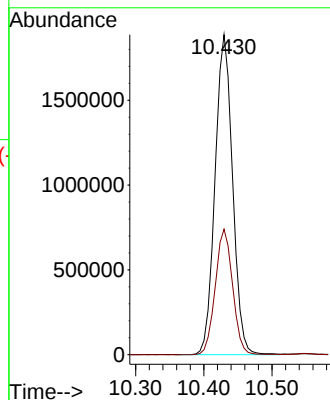
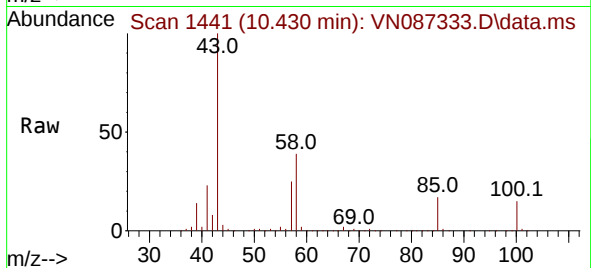




#51
4-Methyl-2-Pentanone
Concen: 757.219 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

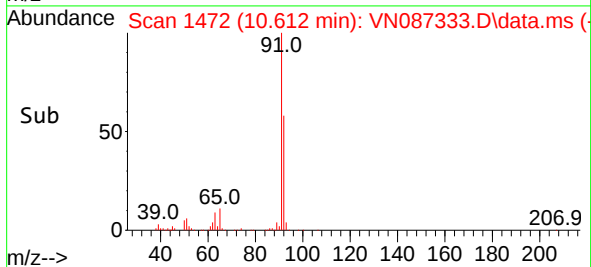
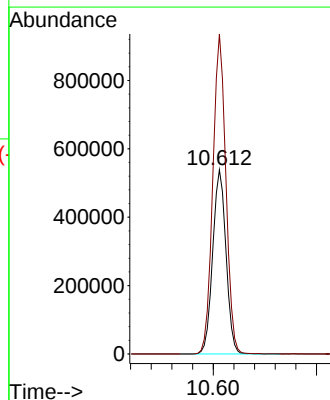
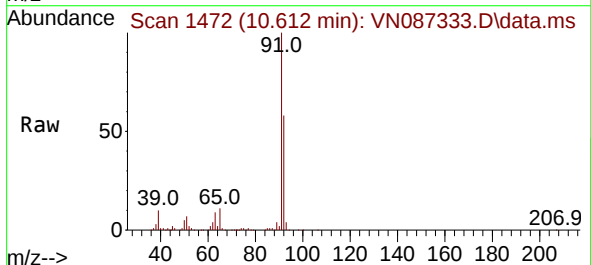
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

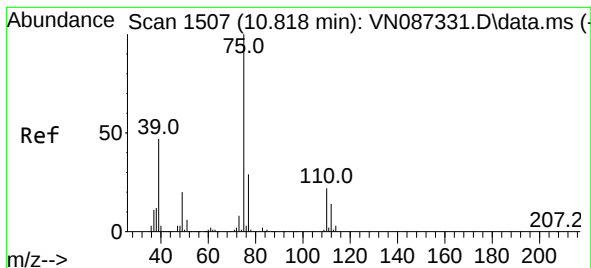
Tgt Ion: 43 Resp: 3375607
Ion Ratio Lower Upper
43 100
58 38.8 30.8 46.2



#52
Toluene
Concen: 155.654 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 92 Resp: 961314
Ion Ratio Lower Upper
92 100
91 170.6 135.1 202.7

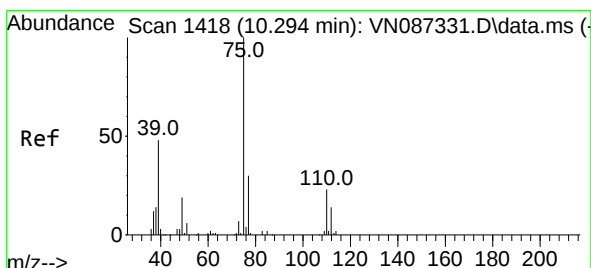
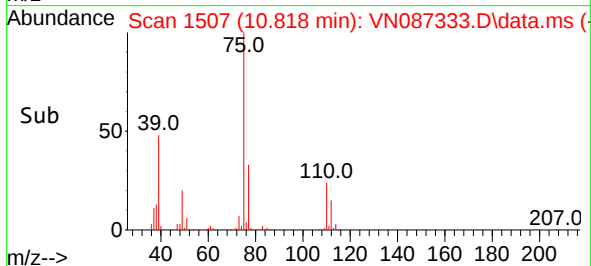
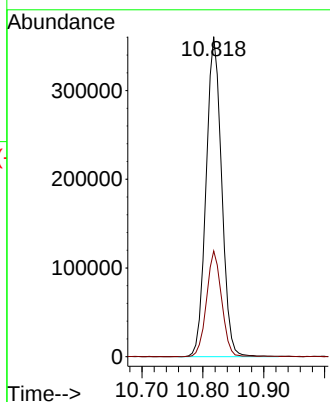
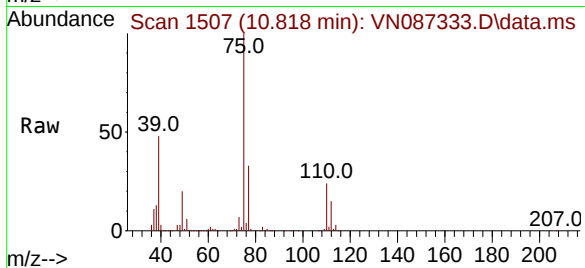




#53
t-1,3-Dichloropropene
Concen: 162.462 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

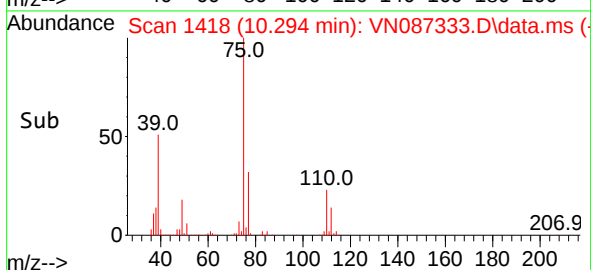
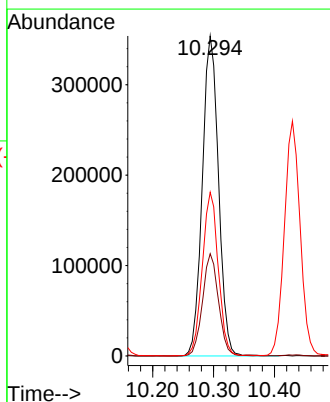
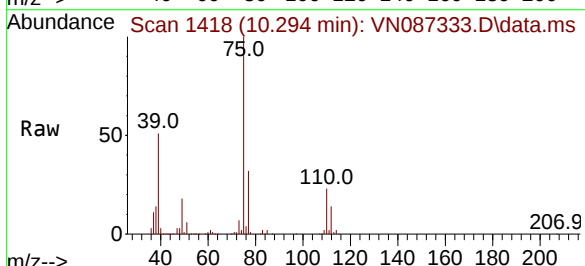
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

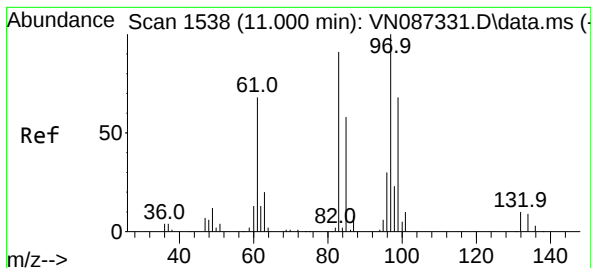
Tgt Ion: 75 Resp: 640188
Ion Ratio Lower Upper
75 100
77 33.0 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 160.747 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 75 Resp: 654301
Ion Ratio Lower Upper
75 100
77 32.0 24.2 36.2
39 51.0 38.4 57.6





#55

1,1,2-Trichloroethane

Concen: 146.322 ug/l

RT: 11.000 min Scan# 11000

Delta R.T. 0.000 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 365858

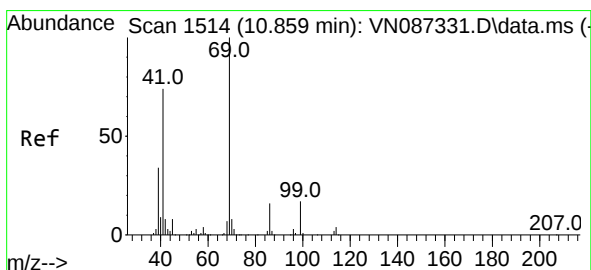
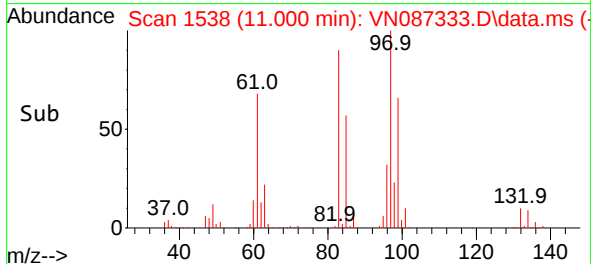
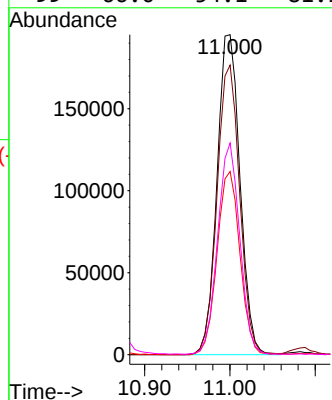
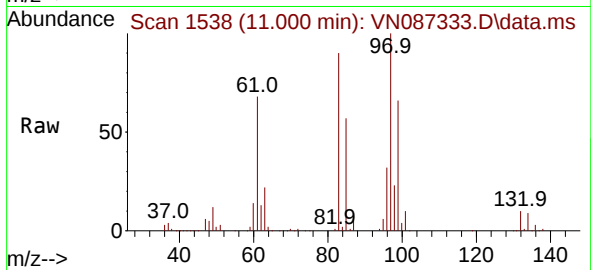
Ion Ratio Lower Upper

97 100

83 90.5 72.6 109.0

85 57.3 46.7 70.1

99 66.0 54.1 81.1



#56

Ethyl methacrylate

Concen: 150.296 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

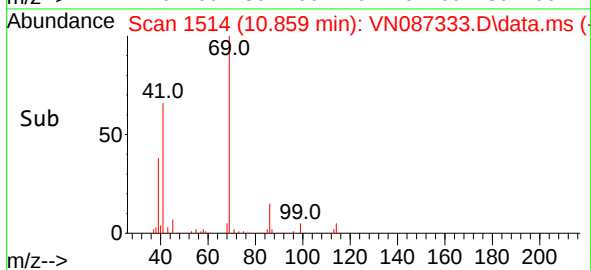
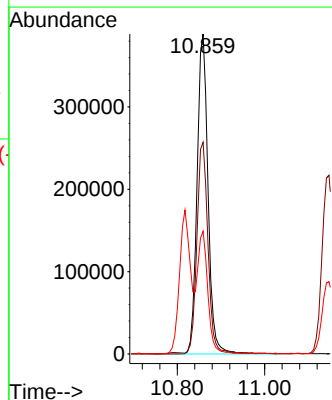
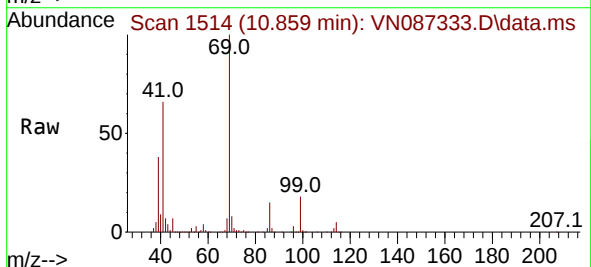
Tgt Ion: 69 Resp: 679202

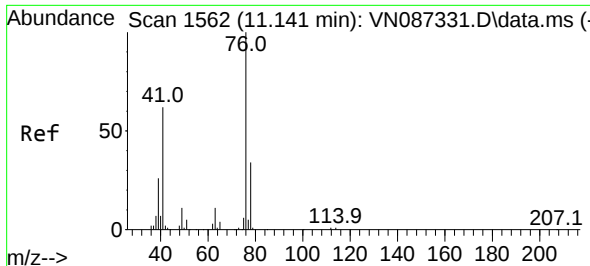
Ion Ratio Lower Upper

69 100

41 66.4 55.1 82.7

39 37.8 27.9 41.9





#57

1,3-Dichloropropane

Concen: 153.168 ug/l

RT: 11.147 min Scan# 1563

Delta R.T. 0.006 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

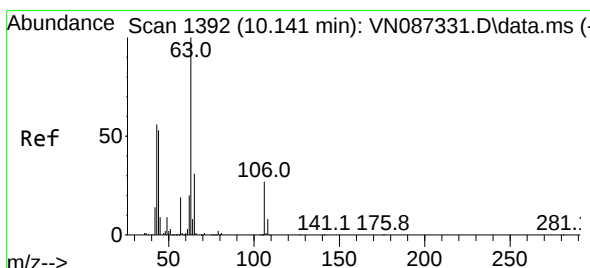
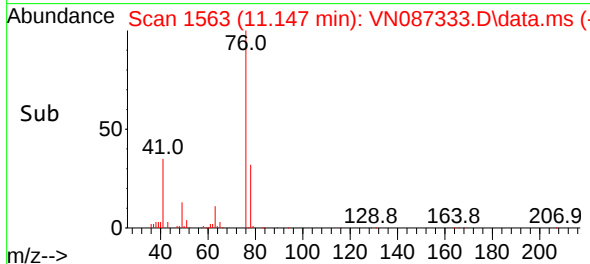
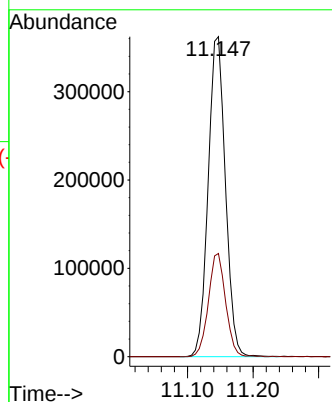
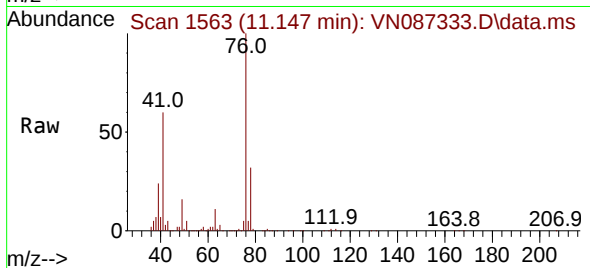
VSTDIC150

Tgt Ion: 76 Resp: 662154

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 837.324 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087333.D

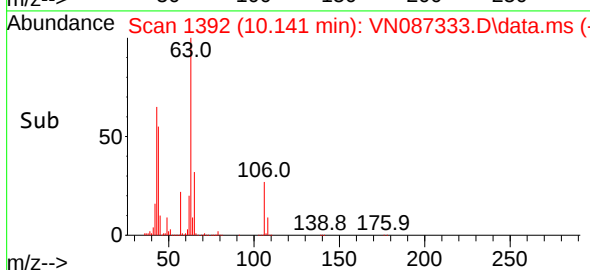
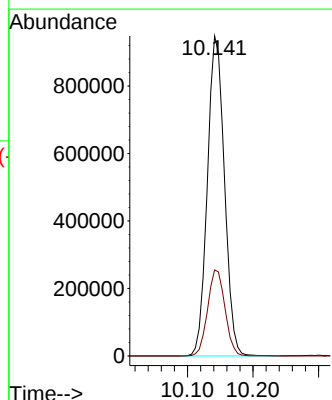
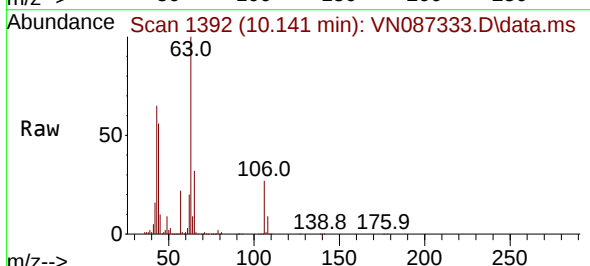
Acq: 16 Jul 2025 18:54

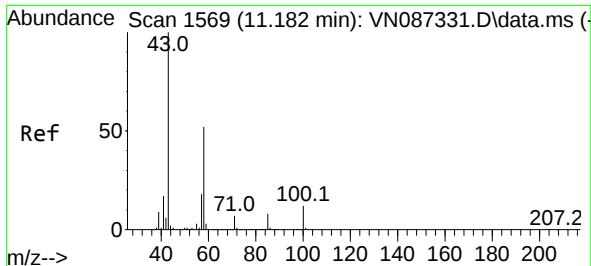
Tgt Ion: 63 Resp: 1717427

Ion Ratio Lower Upper

63 100

106 27.4 21.7 32.5

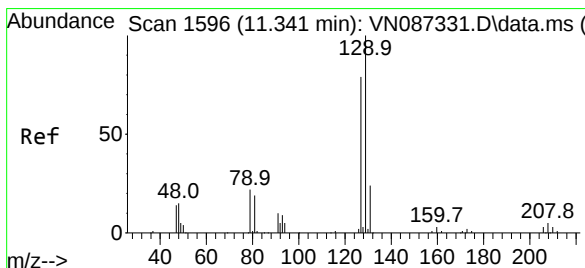
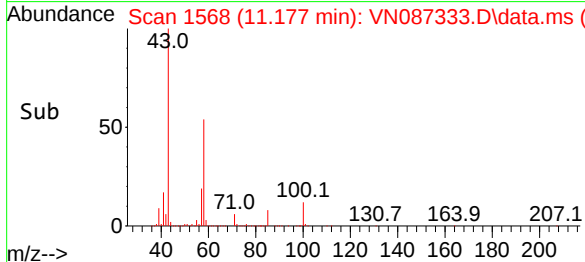
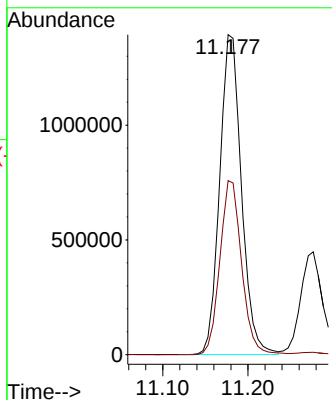
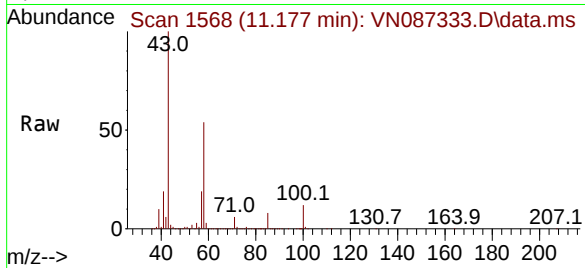




#59
2-Hexanone
Concen: 837.689 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

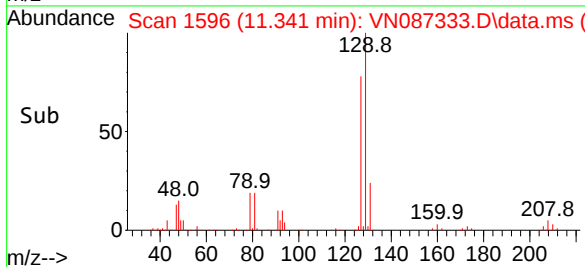
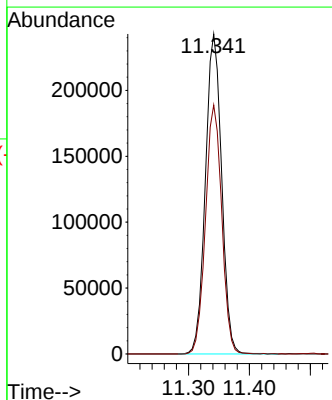
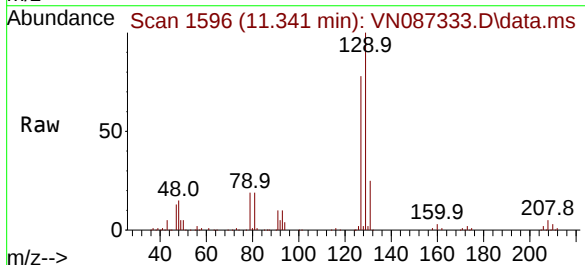
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

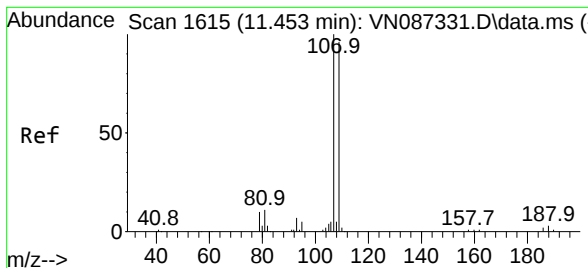
Tgt Ion: 43 Resp: 2477578
Ion Ratio Lower Upper
43 100
58 54.4 26.7 80.0



#60
Dibromochloromethane
Concen: 157.217 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:129 Resp: 448307
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.5

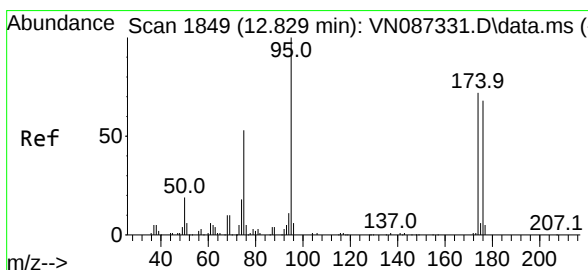
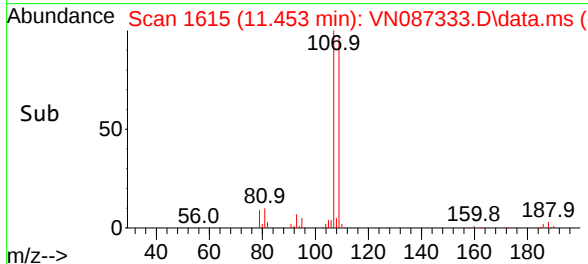
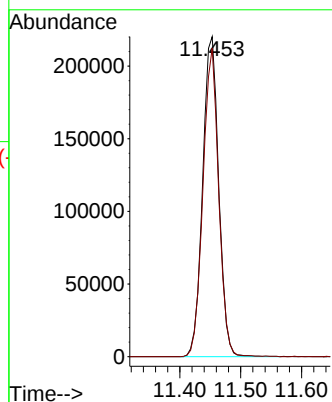
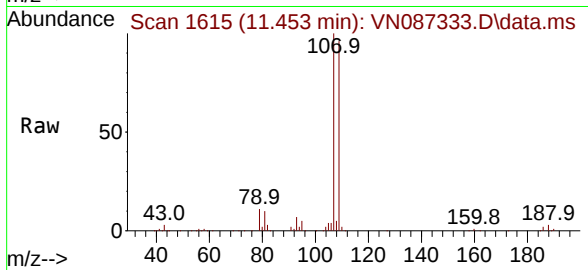




#61
1,2-Dibromoethane
Concen: 153.282 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

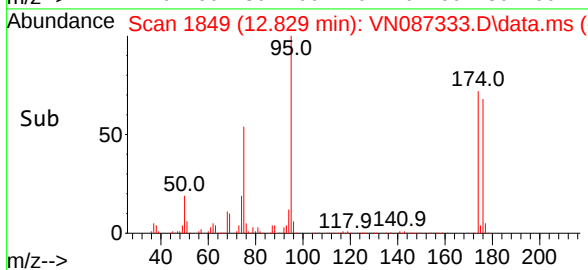
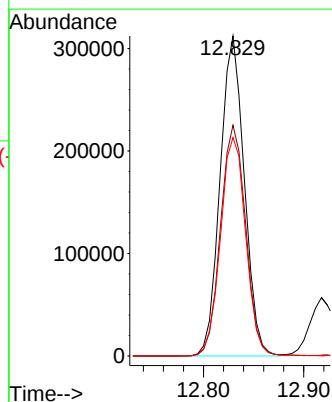
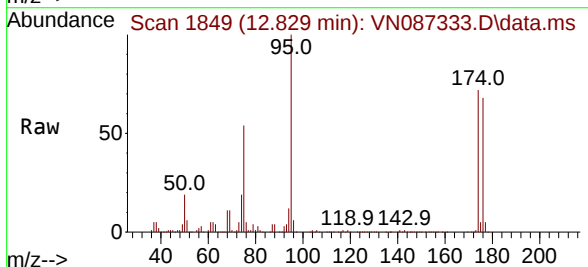
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

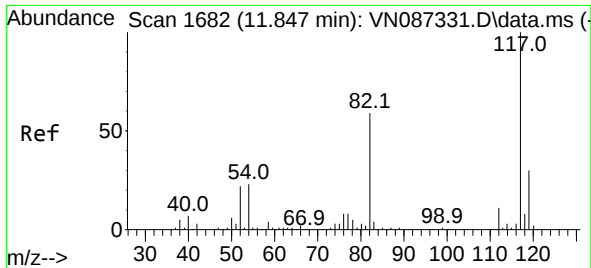
Tgt Ion:107 Resp: 402978
Ion Ratio Lower Upper
107 100
109 94.2 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 166.525 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 95 Resp: 522221
Ion Ratio Lower Upper
95 100
174 74.8 0.0 149.4
176 71.2 0.0 141.2

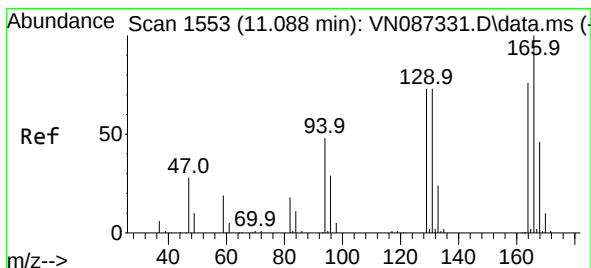
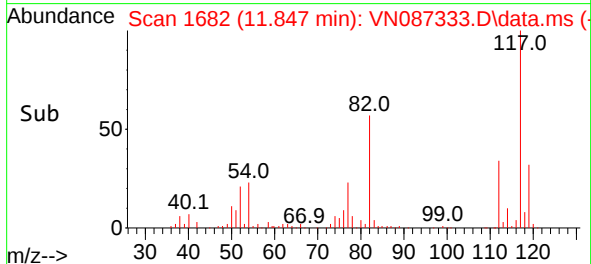
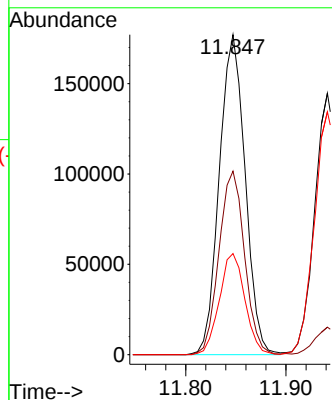
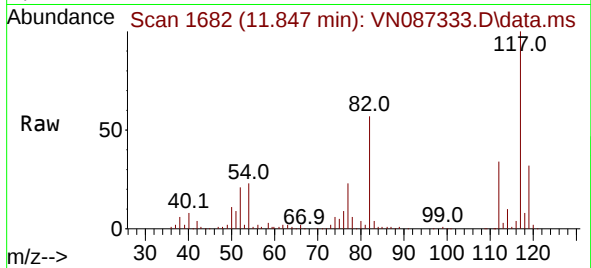




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

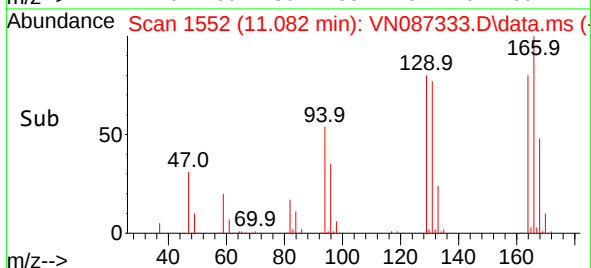
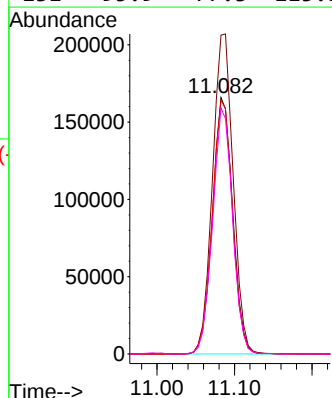
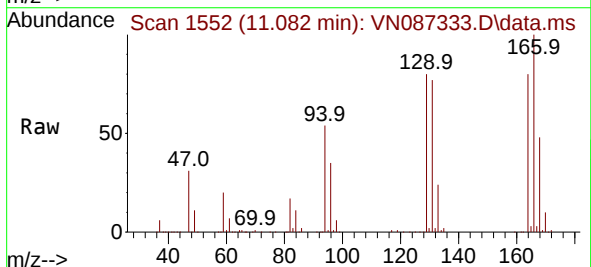
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

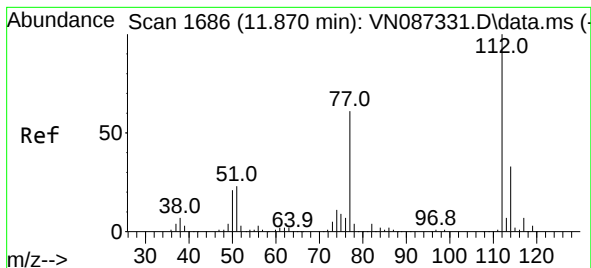
Tgt Ion:117 Resp: 317026
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.6 23.8 35.8



#64
Tetrachloroethene
Concen: 147.718 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:164 Resp: 301404
Ion Ratio Lower Upper
164 100
166 124.4 105.5 158.3
129 99.0 77.4 116.2
131 95.9 77.3 115.9

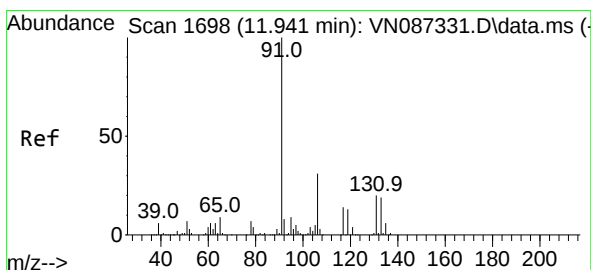
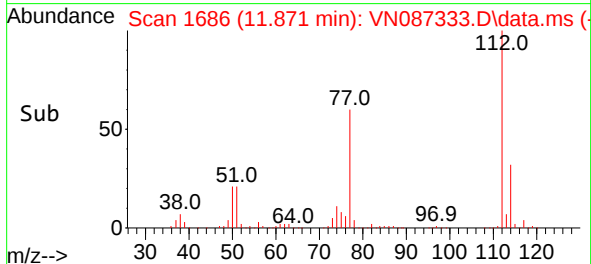
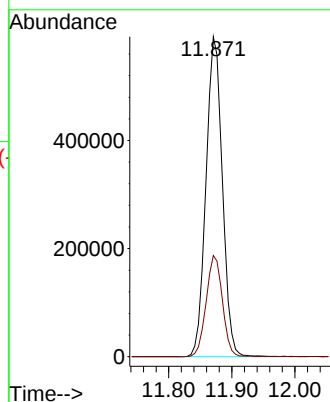
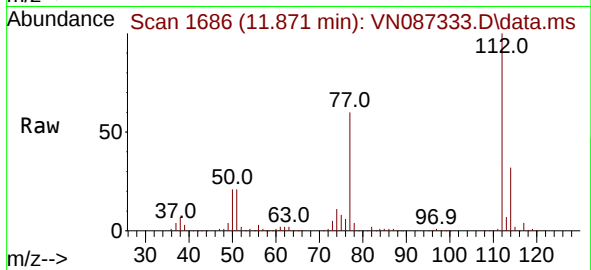




#65
Chlorobenzene
Concen: 149.878 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

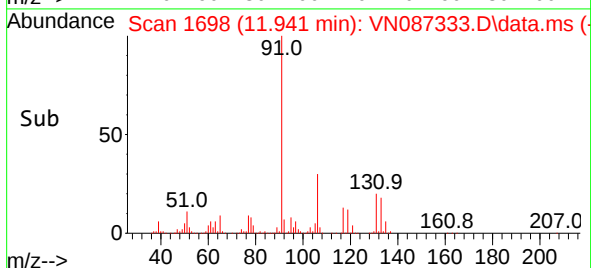
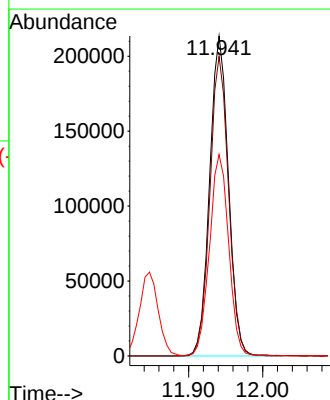
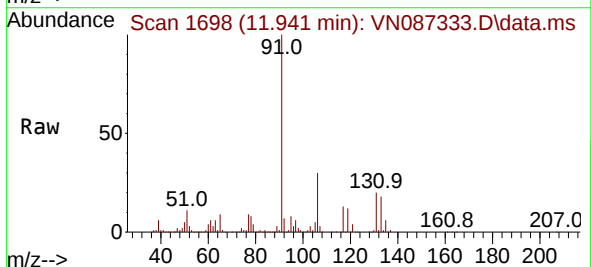
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

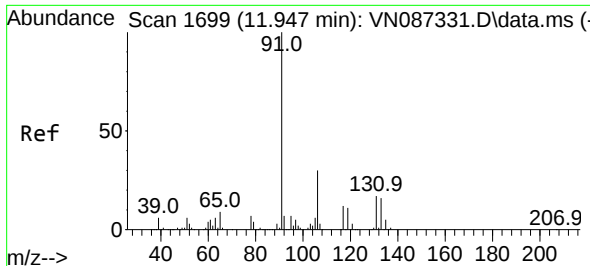
Tgt Ion:112 Resp: 1066757
Ion Ratio Lower Upper
112 100
114 31.6 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 155.013 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:131 Resp: 375162
Ion Ratio Lower Upper
131 100
133 93.5 47.4 142.3
119 64.4 33.1 99.2

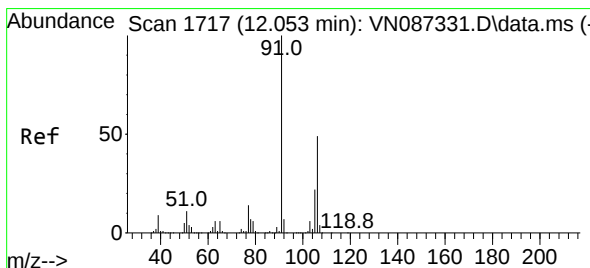
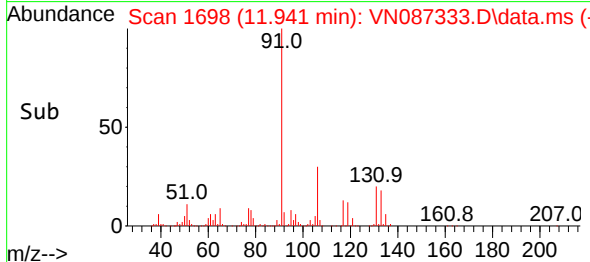
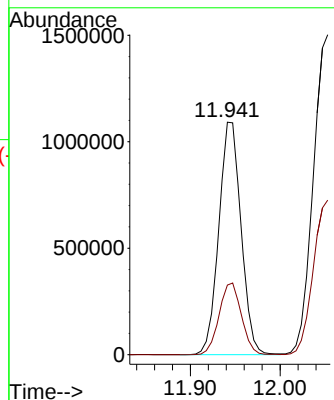
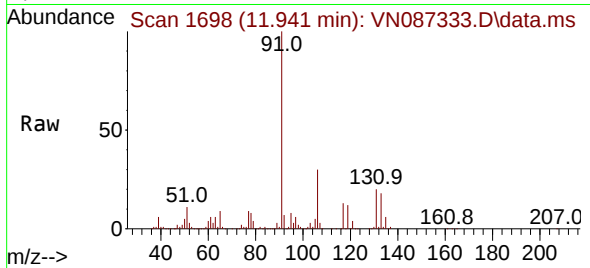




#67
Ethyl Benzene
Concen: 160.613 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

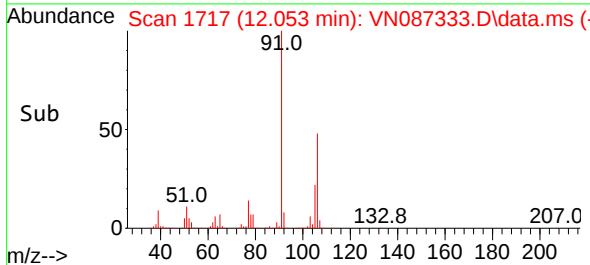
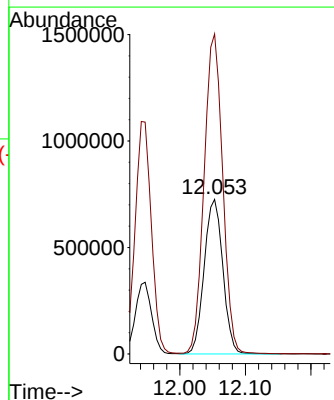
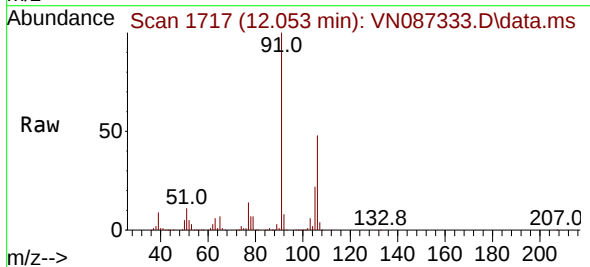
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

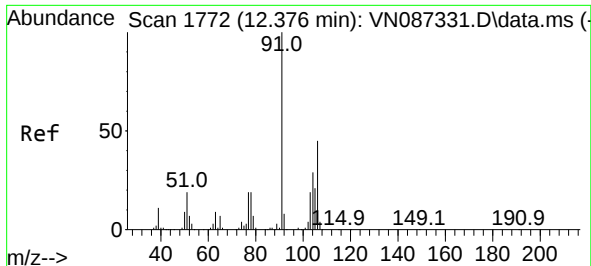
Tgt Ion: 91 Resp: 1881920
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5



#68
m/p-Xylenes
Concen: 327.579 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:106 Resp: 1437290
Ion Ratio Lower Upper
106 100
91 206.0 162.0 243.0

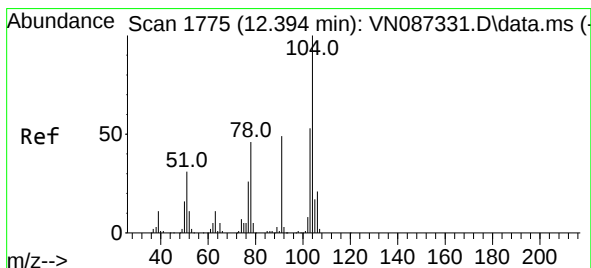
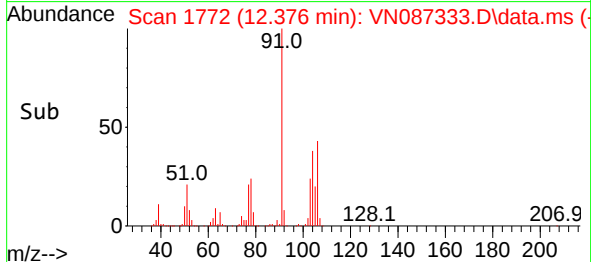
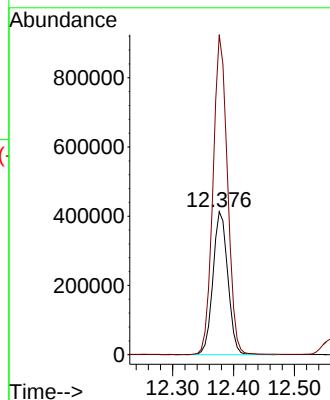
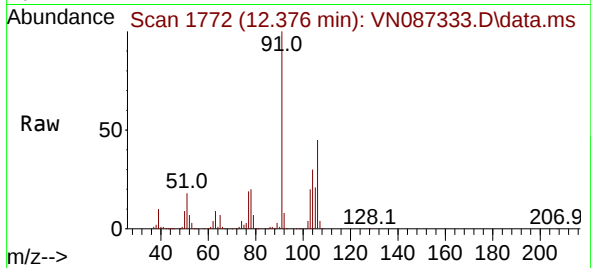




#69
o-Xylene
Concen: 166.628 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

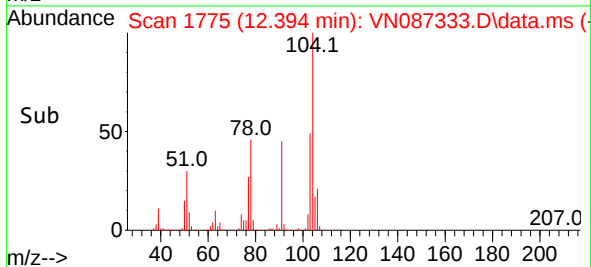
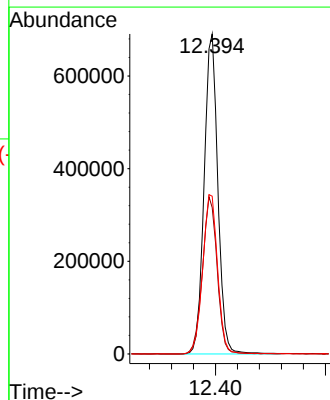
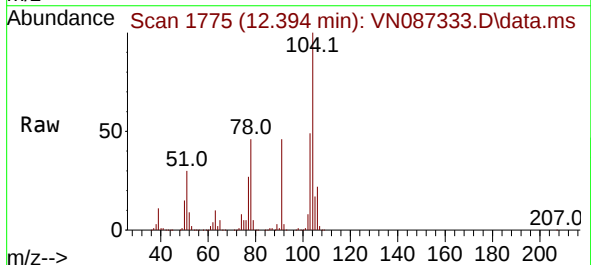
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

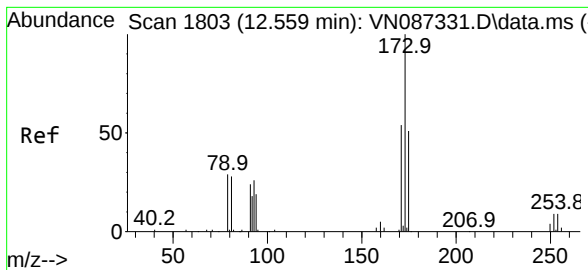
Tgt Ion:106 Resp: 698363
Ion Ratio Lower Upper
106 100
91 218.8 107.7 323.3



#70
Styrene
Concen: 169.502 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:104 Resp: 1195068
Ion Ratio Lower Upper
104 100
78 52.6 41.0 61.6
103 54.2 43.9 65.9

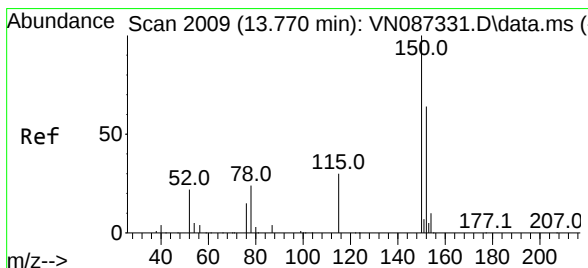
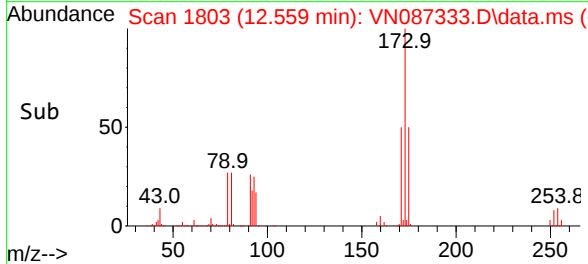
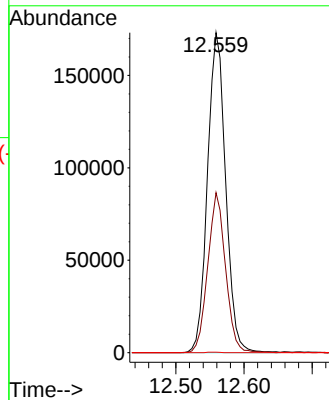
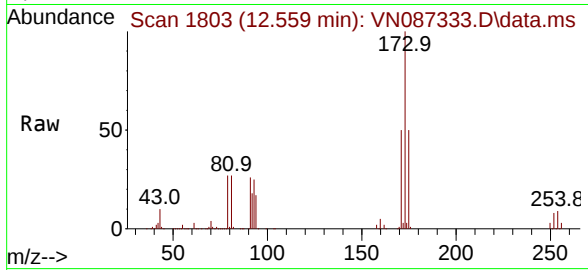




#71
Bromoform
Concen: 164.154 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

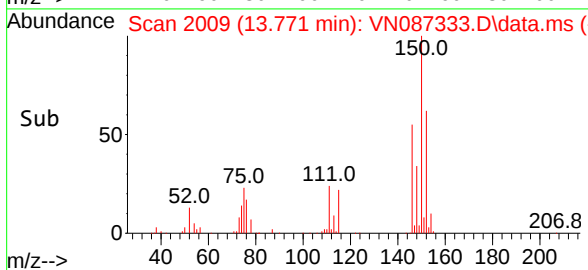
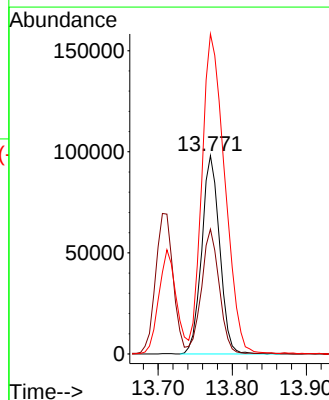
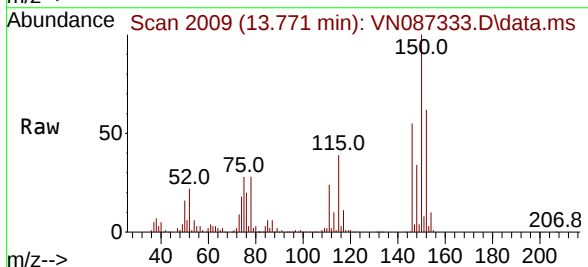
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

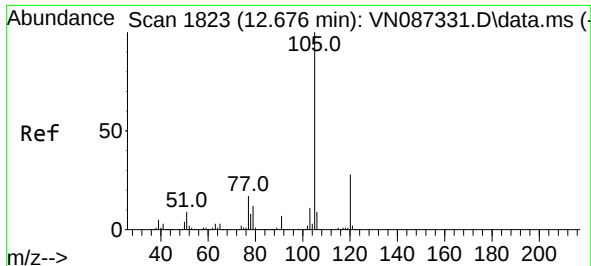
Tgt Ion:173 Resp: 320960
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.3
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:152 Resp: 165077
Ion Ratio Lower Upper
152 100
115 62.1 31.1 93.5
150 205.0 0.0 349.0

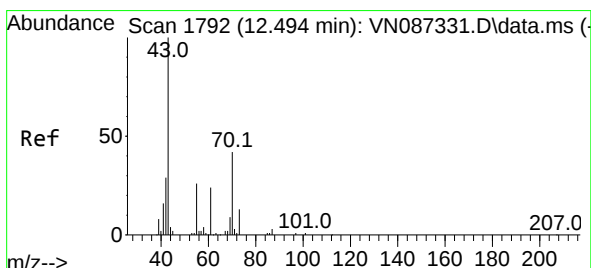
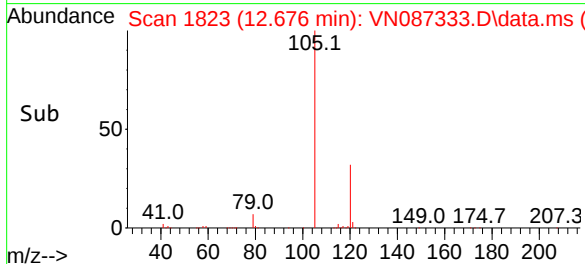
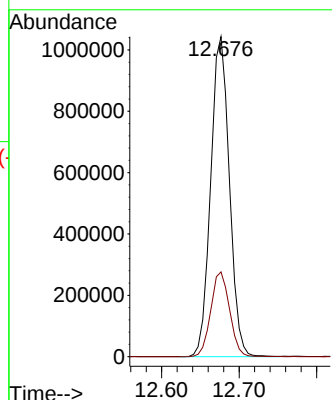
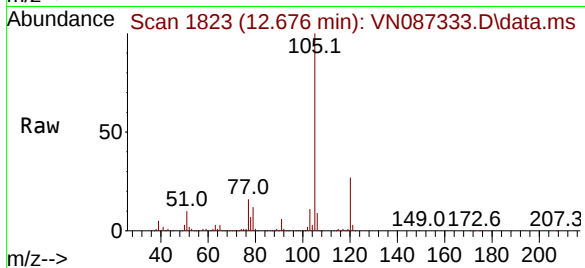




#73
Isopropylbenzene
Concen: 168.203 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

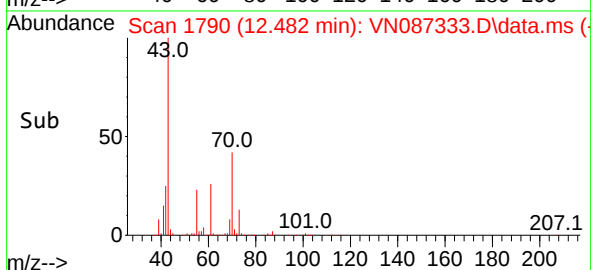
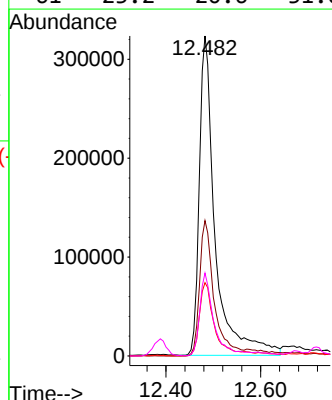
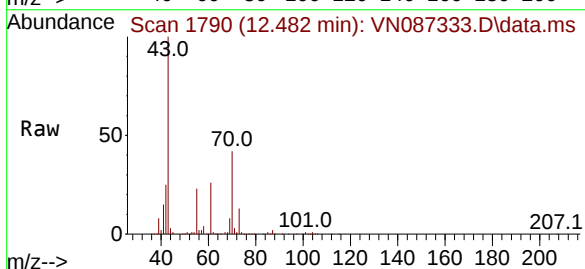
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

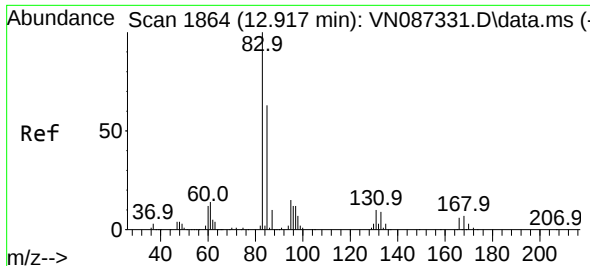
Tgt Ion:105 Resp: 1747567
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 184.917 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 43 Resp: 750104
Ion Ratio Lower Upper
43 100
70 38.7 37.6 56.4
55 21.4 19.6 29.4
61 23.2 20.6 31.0

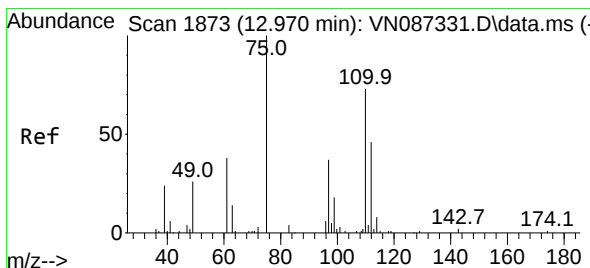
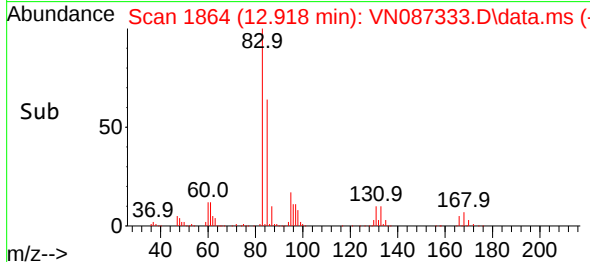
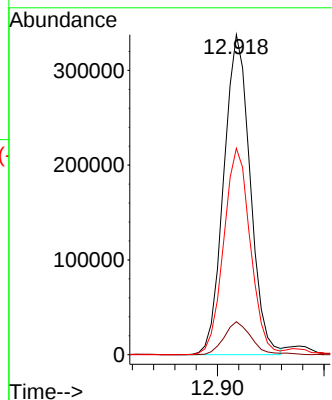
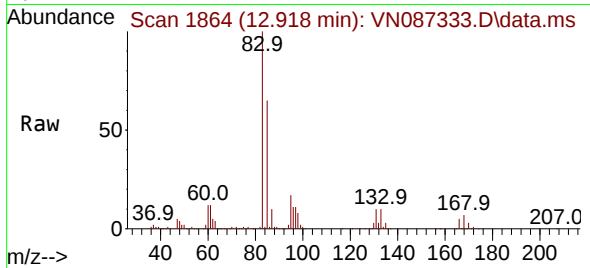




#75
1,1,2,2-Tetrachloroethane
Concen: 148.761 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

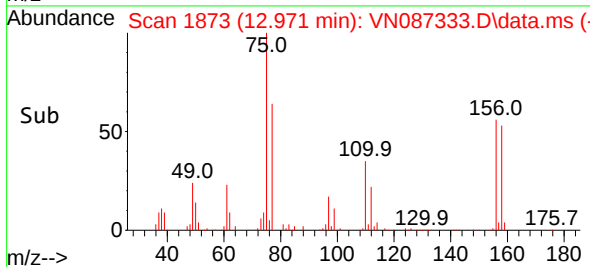
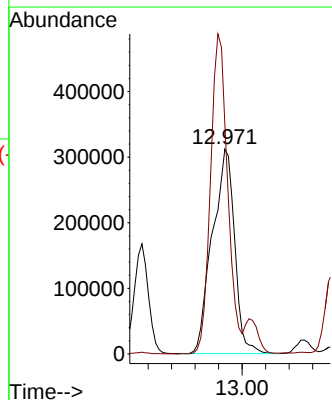
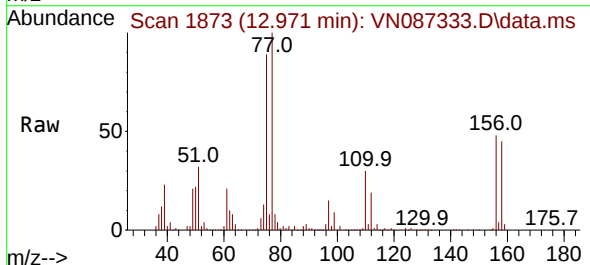
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

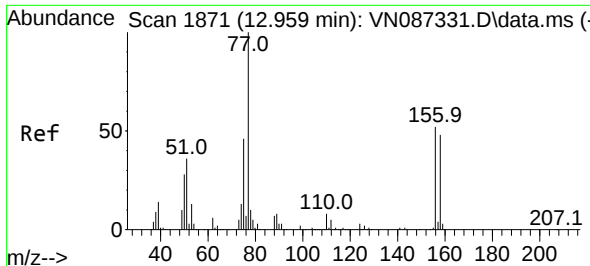
Tgt Ion: 83 Resp: 581568
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.0 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 224.357 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 75 Resp: 821678
Ion Ratio Lower Upper
75 100
77 120.2 94.5 283.6

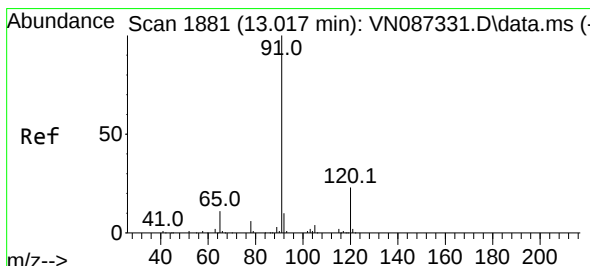
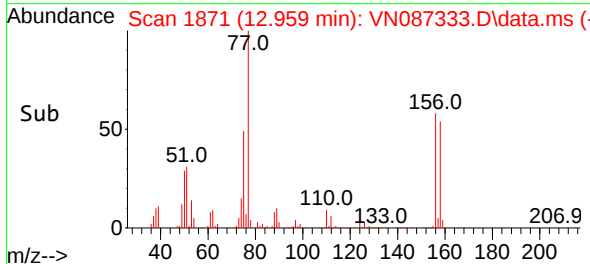
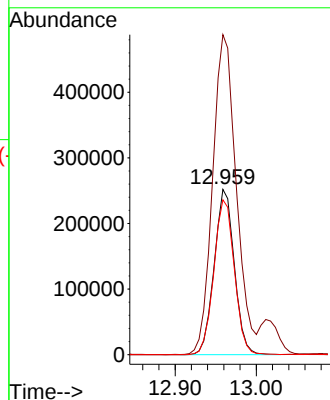
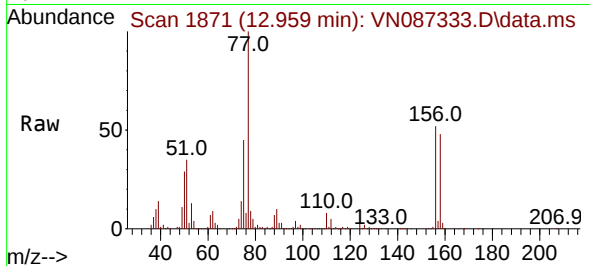




#77
Bromobenzene
Concen: 161.001 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

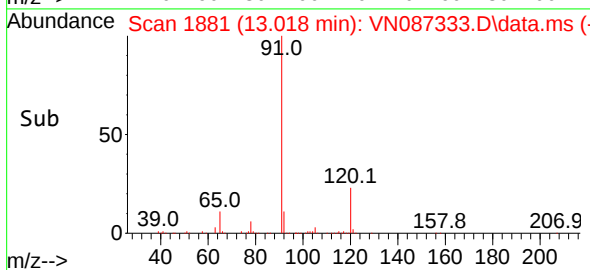
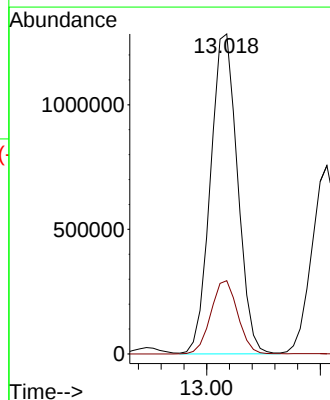
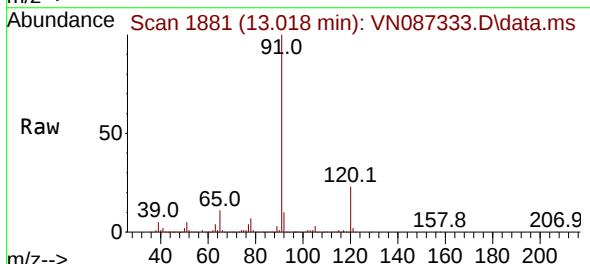
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

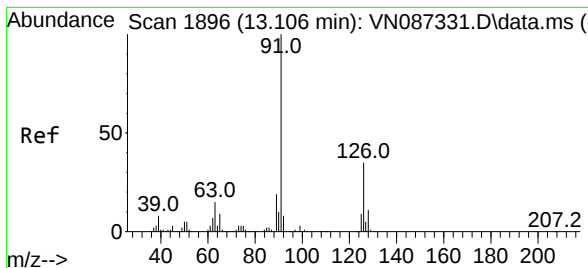
Tgt Ion:156 Resp: 433814
Ion Ratio Lower Upper
156 100
77 227.6 114.9 344.6
158 95.5 48.5 145.5



#78
n-propylbenzene
Concen: 162.733 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 91 Resp: 2127215
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8

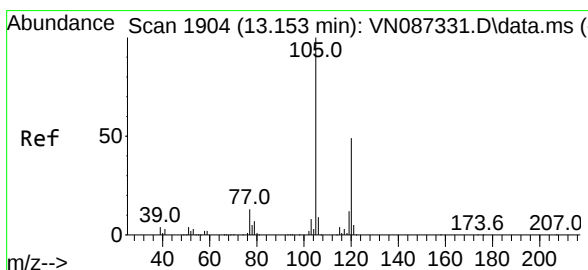
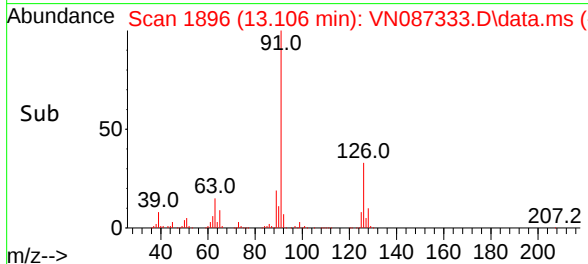
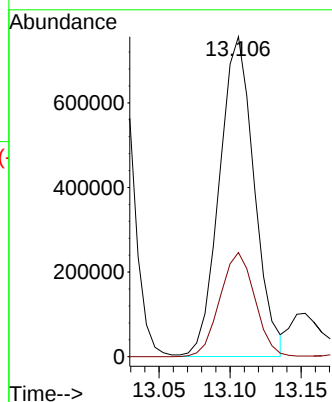
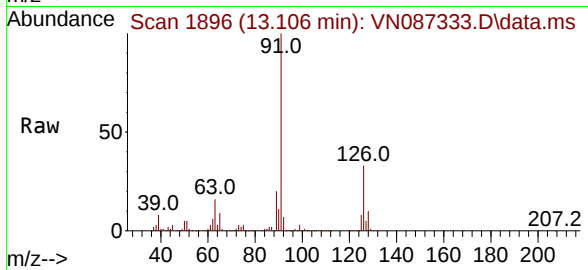




#79
2-Chlorotoluene
Concen: 160.600 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

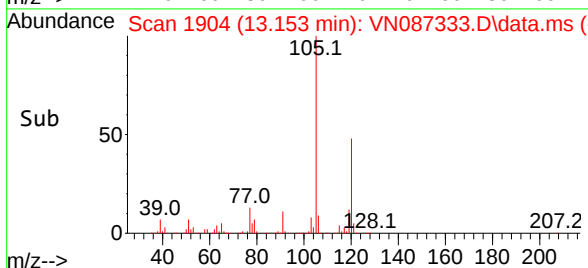
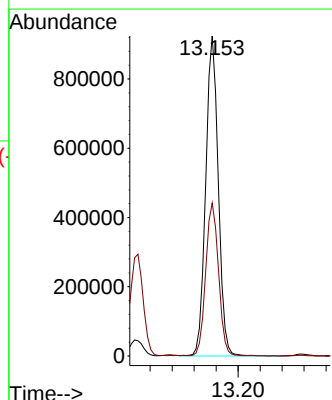
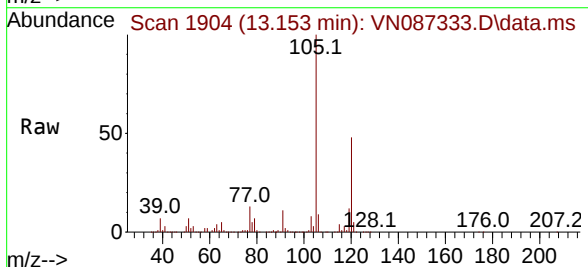
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

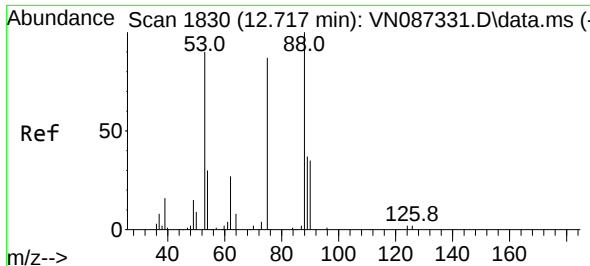
Tgt Ion: 91 Resp: 1290205
Ion Ratio Lower Upper
91 100
126 32.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 165.514 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 105 Resp: 1465159
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

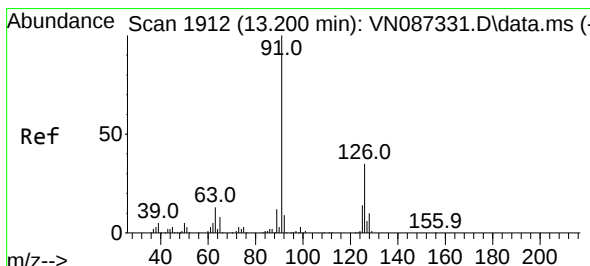
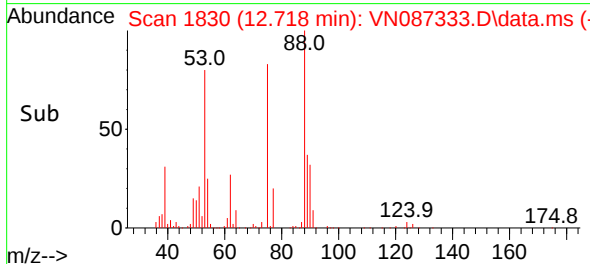
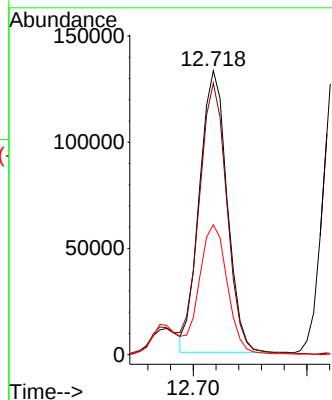
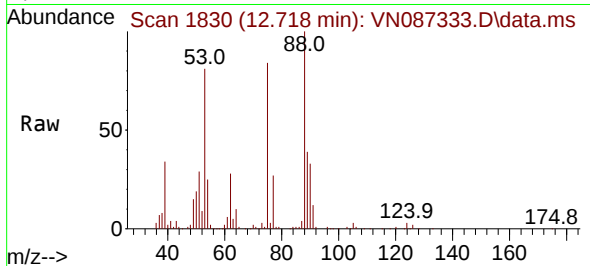




#81
trans-1,4-Dichloro-2-butene
Concen: 165.713 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

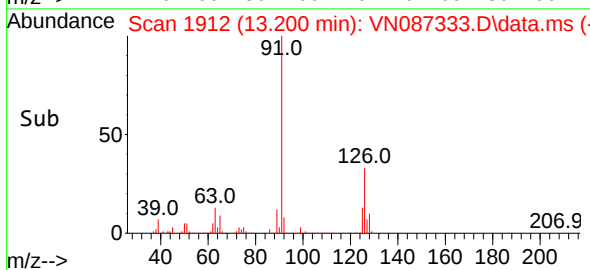
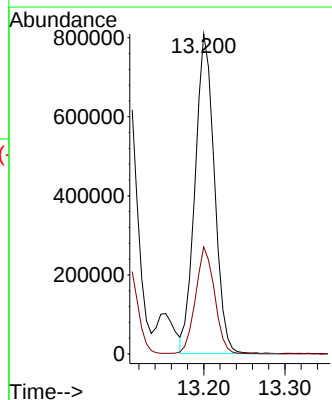
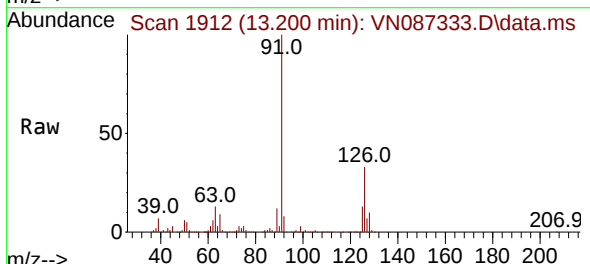
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

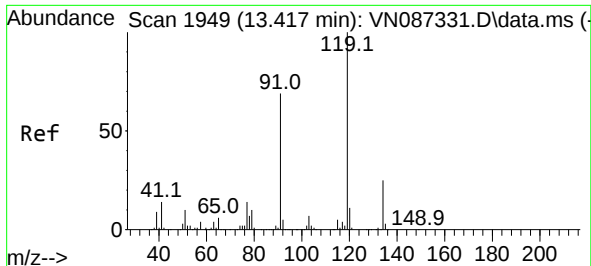
Tgt Ion: 75 Resp: 224191
Ion Ratio Lower Upper
75 100
53 97.9 83.5 125.3
89 47.3 38.4 57.6



#82
4-Chlorotoluene
Concen: 159.785 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 91 Resp: 1336462
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

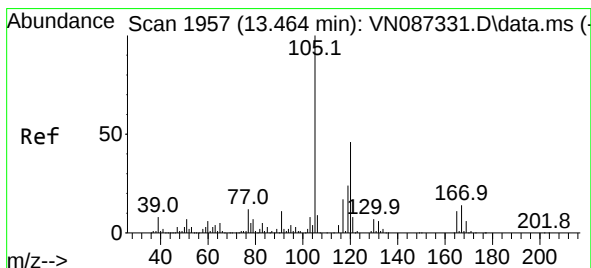
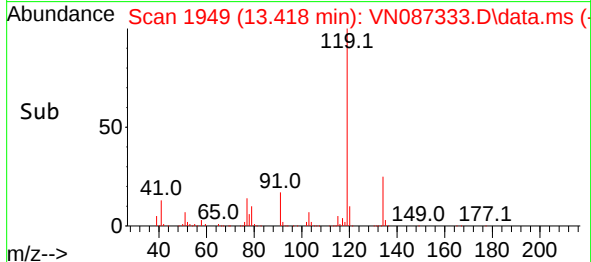
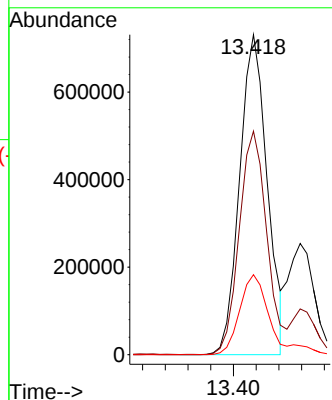
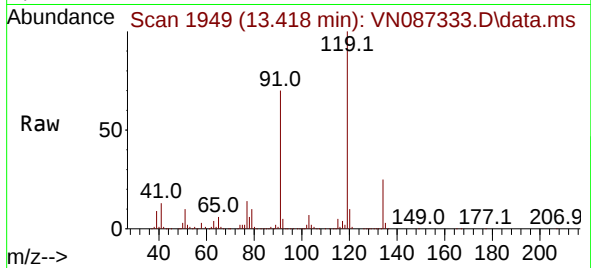




#83
 tert-Butylbenzene
 Concen: 166.457 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087333.D
 Acq: 16 Jul 2025 18:54

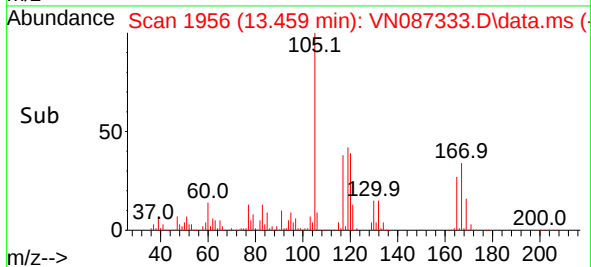
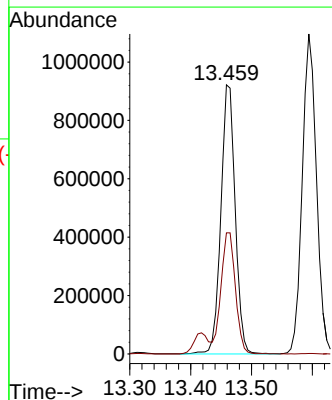
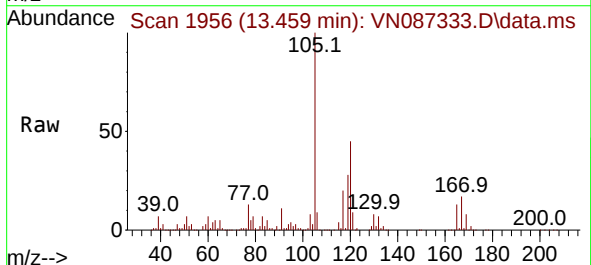
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

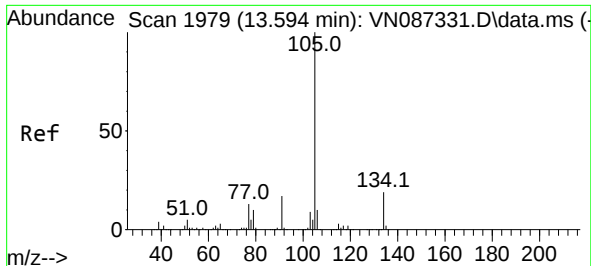
Tgt Ion:119 Resp: 1230683
 Ion Ratio Lower Upper
 119 100
 91 70.4 35.0 105.1
 134 27.7 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 166.222 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN087333.D
 Acq: 16 Jul 2025 18:54

Tgt Ion:105 Resp: 1502651
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.3

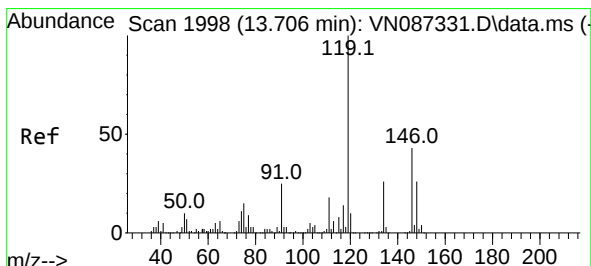
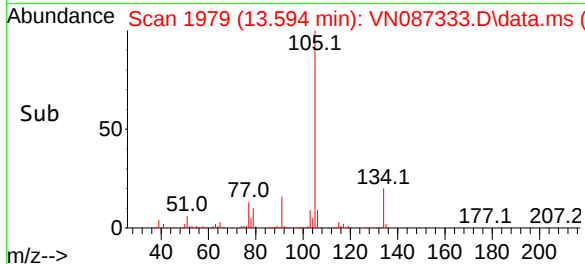
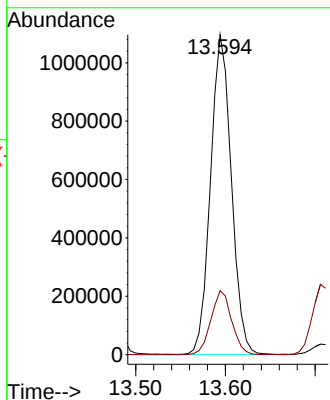
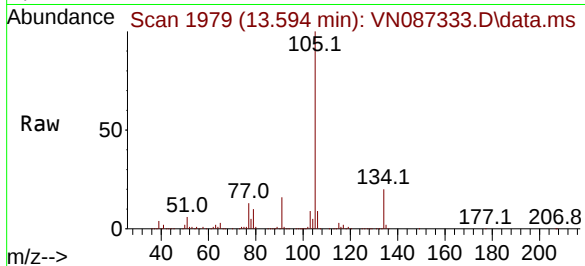




#85
 sec-Butylbenzene
 Concen: 158.754 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087333.D
 Acq: 16 Jul 2025 18:54

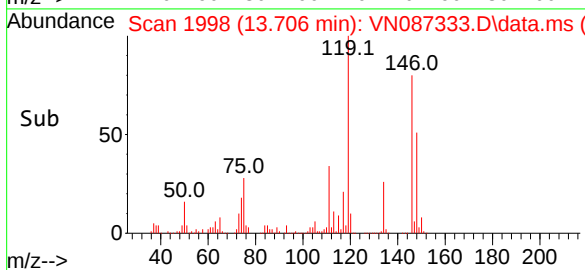
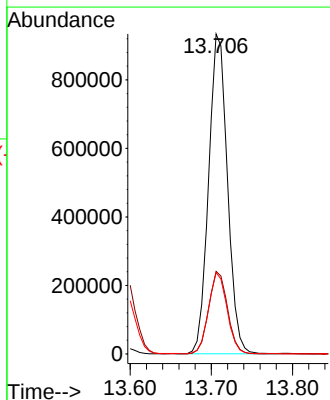
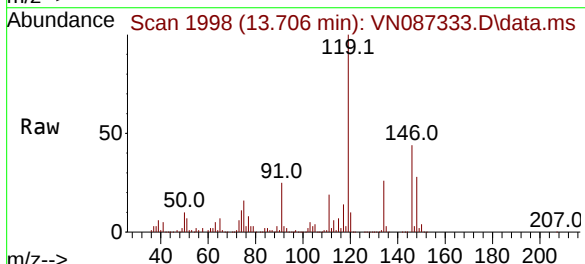
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

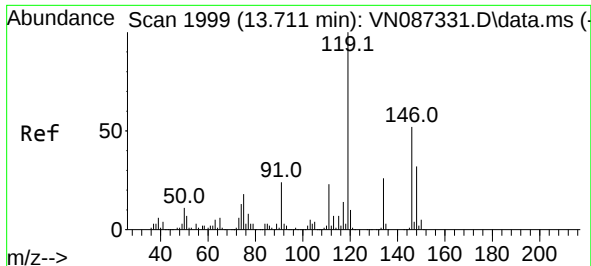
Tgt Ion:105 Resp: 1767949
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 168.219 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087333.D
 Acq: 16 Jul 2025 18:54

Tgt Ion:119 Resp: 1501303
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.5
 91 25.0 12.2 36.6

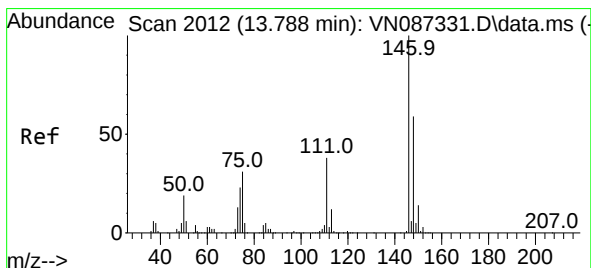
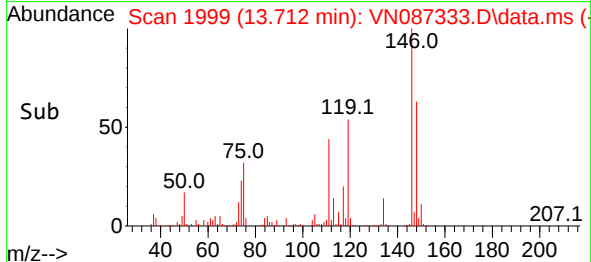
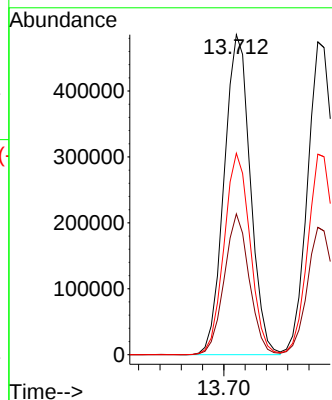
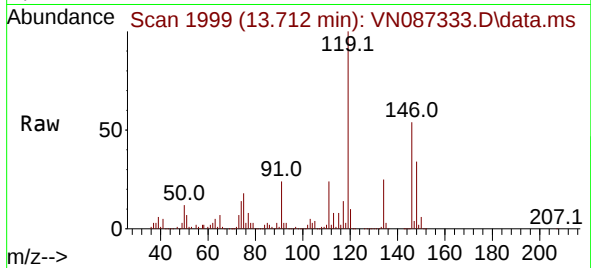




#87
 1,3-Dichlorobenzene
 Concen: 156.742 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087333.D
 Acq: 16 Jul 2025 18:54

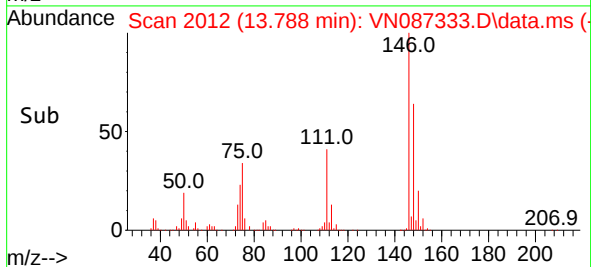
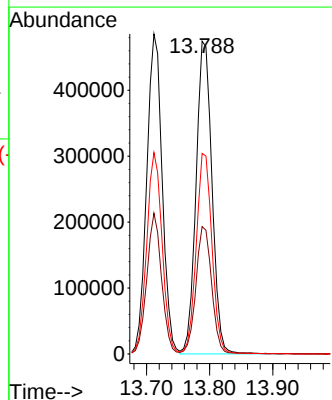
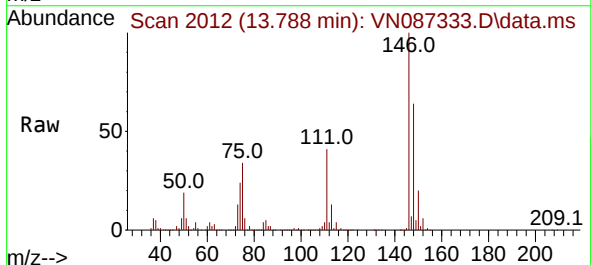
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

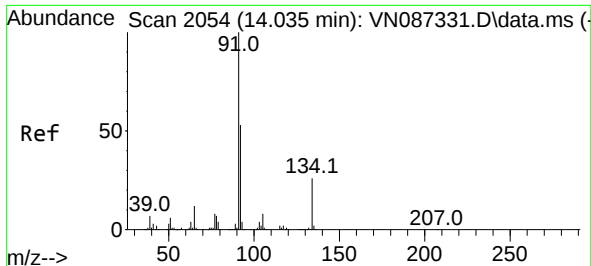
Tgt Ion:146 Resp: 828885
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.4 64.3
 148 62.5 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 147.000 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087333.D
 Acq: 16 Jul 2025 18:54

Tgt Ion:146 Resp: 830255
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.7
 148 63.1 31.4 94.0

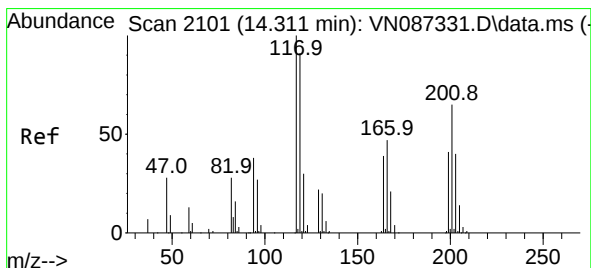
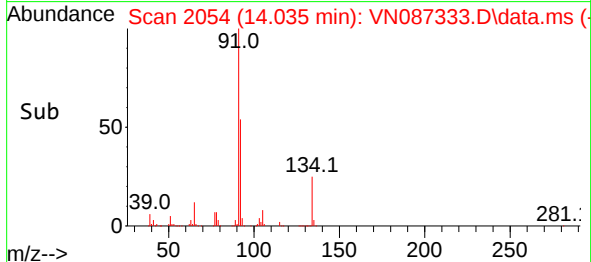
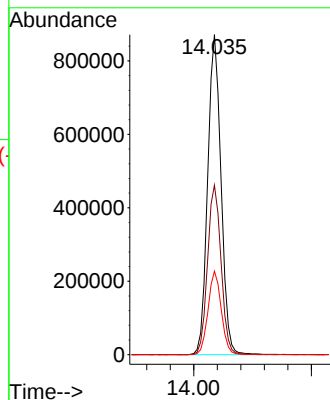
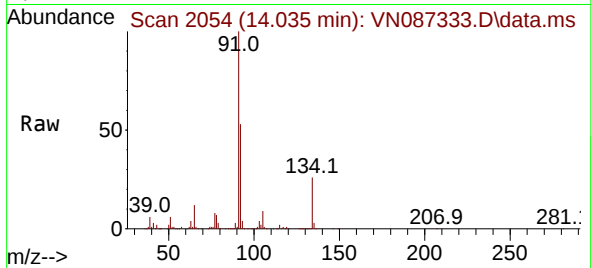




#89
n-Butylbenzene
Concen: 160.505 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

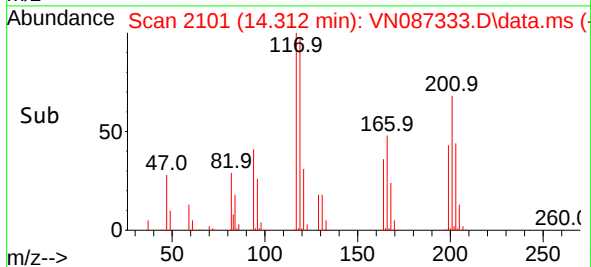
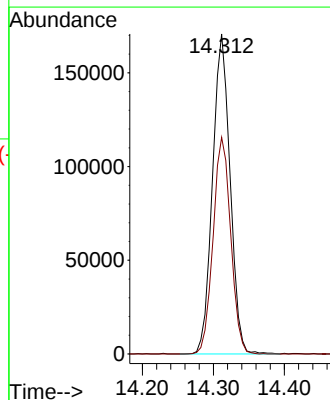
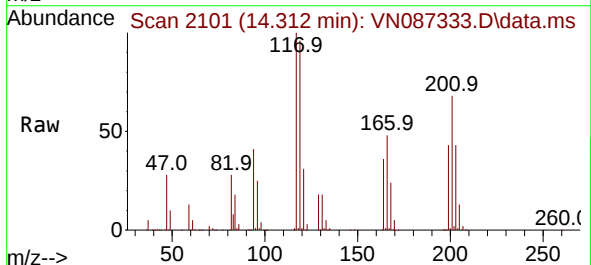
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

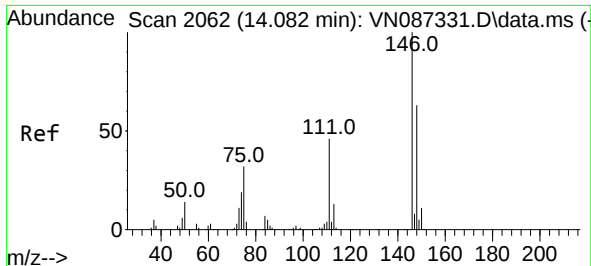
Tgt Ion: 91 Resp: 1367813
Ion Ratio Lower Upper
91 100
92 53.7 26.2 78.6
134 25.8 12.4 37.2



#90
Hexachloroethane
Concen: 154.518 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 117 Resp: 292183
Ion Ratio Lower Upper
117 100
201 68.0 32.8 98.4

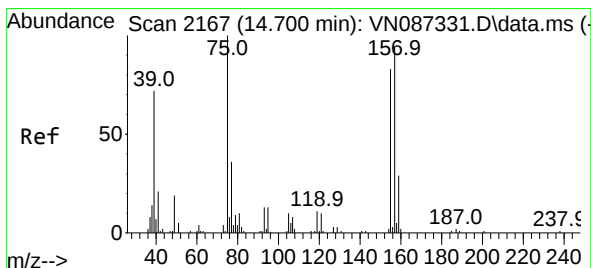
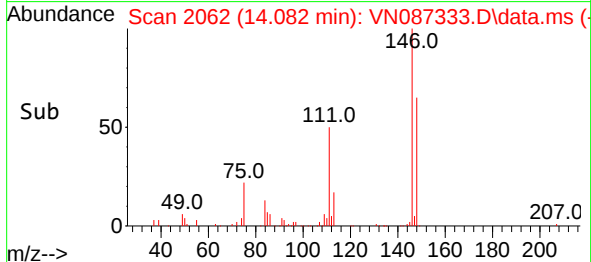
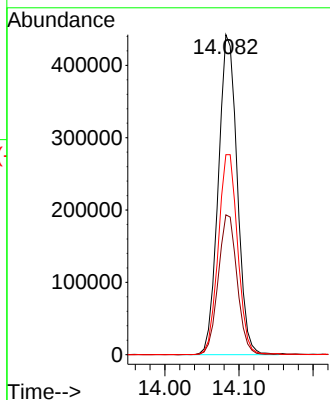
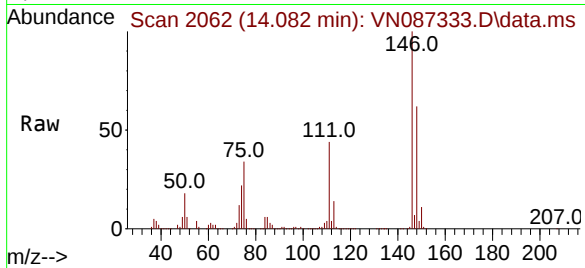




#91
1,2-Dichlorobenzene
Concen: 156.513 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

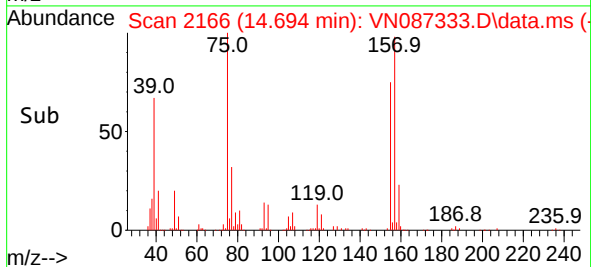
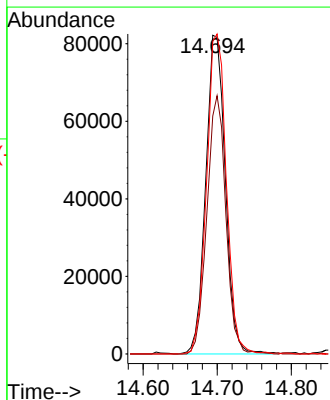
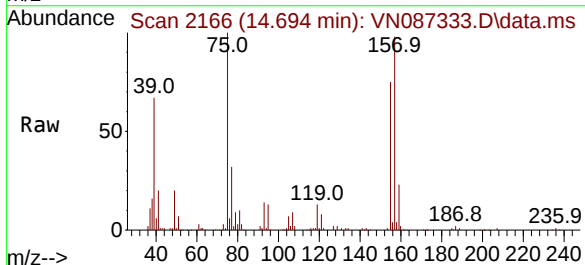
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

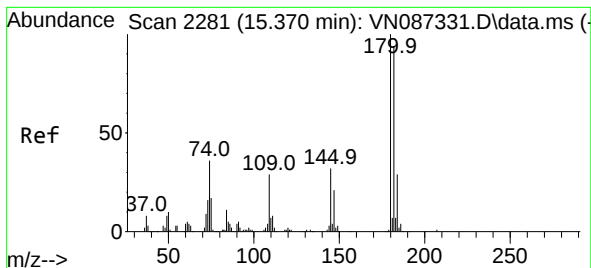
Tgt Ion:	146	Resp:	784106
Ion Ratio	Lower	Upper	
146	100		
111	43.9	22.0	66.0
148	64.1	32.7	98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 147.203 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:	75	Resp:	151090
Ion Ratio	Lower	Upper	
75	100		
155	78.4	37.3	111.8
157	101.0	46.2	138.6





#93

1,2,4-Trichlorobenzene

Concen: 167.266 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

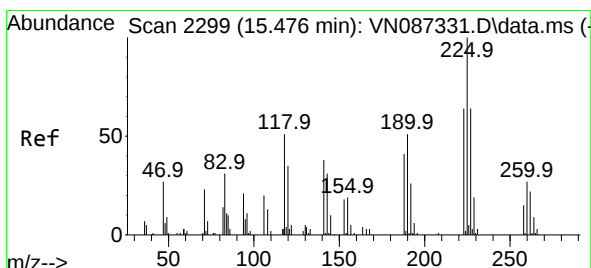
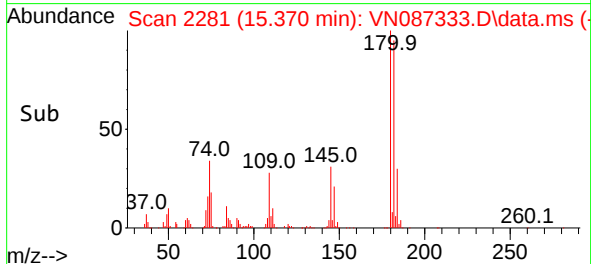
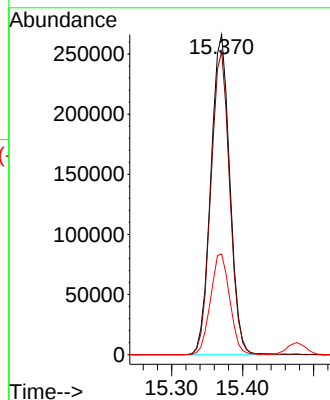
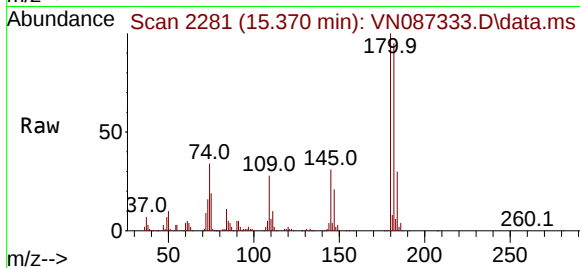
Tgt Ion:180 Resp: 492237

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 32.1 15.4 46.4



#94

Hexachlorobutadiene

Concen: 149.909 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

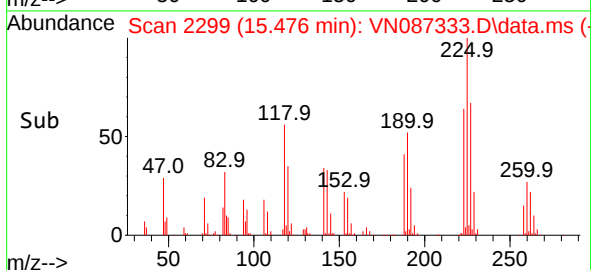
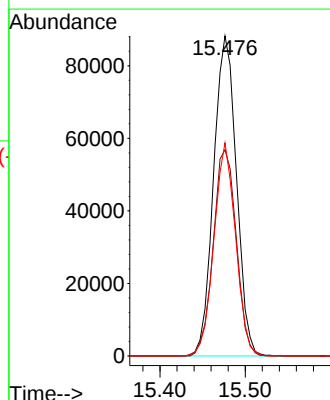
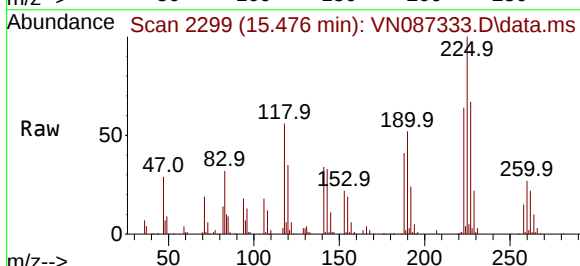
Tgt Ion:225 Resp: 163922

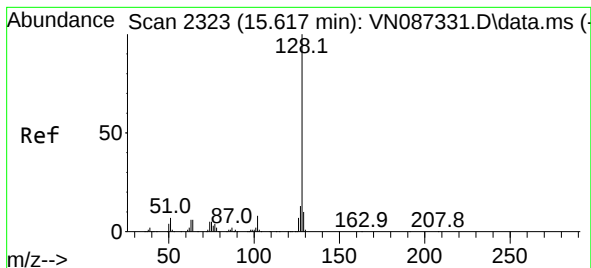
Ion Ratio Lower Upper

225 100

223 65.1 32.1 96.3

227 63.1 31.3 93.9





#95

Naphthalene

Concen: 180.370 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. -0.006 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

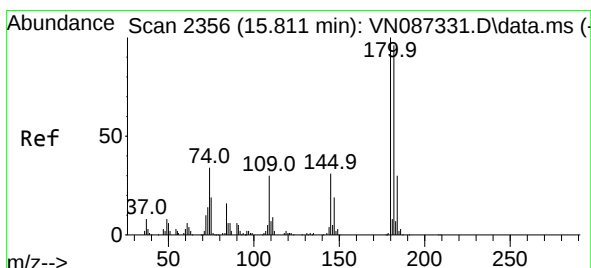
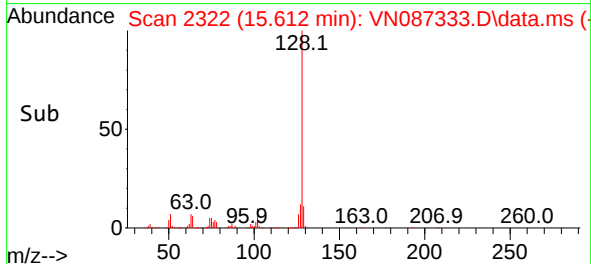
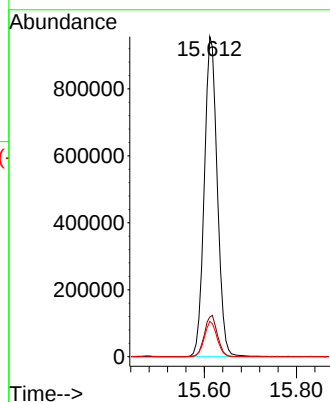
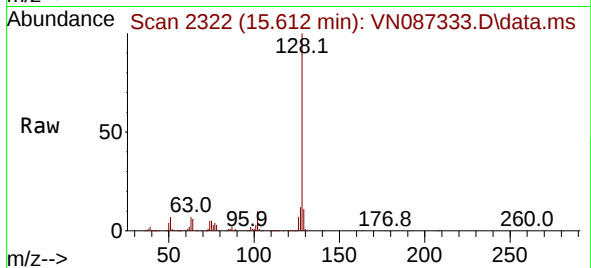
Tgt Ion:128 Resp: 1880423

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 166.396 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087333.D

Acq: 16 Jul 2025 18:54

Tgt Ion:180 Resp: 491195

Ion Ratio Lower Upper

180 100

182 95.2 47.1 141.4

145 34.2 16.9 50.6

