

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063025\
 Data File : VN087239.D
 Acq On : 30 Jun 2025 13:26
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 01 02:51:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:39:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	130832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	217914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	198493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101953	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	8576	5.223	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.440%#
35) Dibromofluoromethane	8.171	113	6811	4.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.760%#
50) Toluene-d8	10.565	98	24770	4.554	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.100%#
62) 4-Bromofluorobenzene	12.847	95	8493	4.389	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	8.780%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.154	85	5877	4.616	ug/l	98
3) Chloromethane	2.395	50	4888	4.728	ug/l #	80
4) Vinyl Chloride	2.554	62	6432	5.060	ug/l	92
5) Bromomethane	2.983	94	5807	5.006	ug/l	85
6) Chloroethane	3.148	64	5010	4.976	ug/l #	85
7) Trichlorofluoromethane	3.530	101	11176	5.067	ug/l	91
8) Diethyl Ether	3.989	74	3700	5.257	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.395	101	6560	5.123	ug/l	95
10) Methyl Iodide	4.618	142	4343	3.418	ug/l #	88
11) Tert butyl alcohol	5.547	59	7145	23.876	ug/l #	86
12) 1,1-Dichloroethene	4.359	96	5888	4.840	ug/l	84
13) Acrolein	4.201	56	4647	22.420	ug/l	91
14) Allyl chloride	5.048	41	7376	4.947	ug/l	97
15) Acrylonitrile	5.736	53	18189	24.466	ug/l	94
16) Acetone	4.442	43	15512	24.710	ug/l	90
17) Carbon Disulfide	4.742	76	18128	4.967	ug/l #	95
18) Methyl Acetate	5.042	43	7085	4.930	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	20253	4.750	ug/l	95
20) Methylene Chloride	5.300	84	7222	5.193	ug/l #	94
21) trans-1,2-Dichloroethene	5.806	96	7219	4.911	ug/l #	79
22) Diisopropyl ether	6.683	45	16810	4.709	ug/l	97
23) Vinyl Acetate	6.618	43	74911	22.691	ug/l	97
24) 1,1-Dichloroethane	6.583	63	11739	5.019	ug/l #	90
25) 2-Butanone	7.494	43	23187	23.635	ug/l	99
26) 2,2-Dichloropropane	7.494	77	11168	4.990	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	8016	4.722	ug/l	98
28) Bromochloromethane	7.818	49	5191	5.028	ug/l #	99
29) Tetrahydrofuran	7.847	42	14321	22.653	ug/l	99
30) Chloroform	7.977	83	12926	4.986	ug/l	99
31) Cyclohexane	8.259	56	12851	5.747	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	12021	4.979	ug/l #	52
36) 1,1-Dichloropropene	8.377	75	8686	4.578	ug/l	96
37) Ethyl Acetate	7.577	43	9226	4.523	ug/l #	77
38) Carbon Tetrachloride	8.365	117	10388	4.831	ug/l	98
39) Methylcyclohexane	9.600	83	10082	4.462	ug/l	93
40) Benzene	8.612	78	27665	4.706	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	4482	4.596	ug/l	96
42) 1,2-Dichloroethane	8.671	62	9527	4.873	ug/l	99
43) Isopropyl Acetate	8.688	43	14551	4.600	ug/l	99
44) Trichloroethene	9.353	130	7916	5.068	ug/l	99
45) 1,2-Dichloropropane	9.624	63	5993	4.676	ug/l	100
46) Dibromomethane	9.712	93	5096	4.674	ug/l	95
47) Bromodichloromethane	9.888	83	10653	5.123	ug/l	98
48) Methyl methacrylate	9.688	41	5910	4.433	ug/l	91
49) 1,4-Dioxane	9.706	88	2216	95.176	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	41051	21.210	ug/l	91
52) Toluene	10.630	92	17699	4.591	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	10159	4.555	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	10766	4.737	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	7205	4.947	ug/l	90
56) Ethyl methacrylate	10.894	69	7198	3.373	ug/l	95
57) 1,3-Dichloropropane	11.165	76	11429	4.808	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	25452	22.570	ug/l	100
59) 2-Hexanone	11.229	43	13832	10.184	ug/l	93
60) Dibromochloromethane	11.353	129	8203	4.778	ug/l	98
61) 1,2-Dibromoethane	11.471	107	7413	4.732	ug/l	94
64) Tetrachloroethene	11.100	164	6463	4.883	ug/l	91
65) Chlorobenzene	11.888	112	21485	4.824	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	7339	4.772	ug/l	98
67) Ethyl Benzene	11.965	91	32924	4.568	ug/l	100
68) m/p-Xylenes	12.071	106	26022	9.037	ug/l	96
69) o-Xylene	12.394	106	12410	4.607	ug/l	93
70) Styrene	12.412	104	19413	4.241	ug/l	97
71) Bromoform	12.582	173	5728	4.828	ug/l #	94
73) Isopropylbenzene	12.694	105	29505	4.491	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	10690	4.947	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	13645	6.978	ug/l	70
77) Bromobenzene	12.982	156	8392	4.894	ug/l	95
78) n-propylbenzene	13.035	91	36288	4.573	ug/l	99
79) 2-Chlorotoluene	13.123	91	21914	4.640	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	25170	4.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	3590	4.348	ug/l	98
82) 4-Chlorotoluene	13.218	91	22736	4.599	ug/l	99
83) tert-Butylbenzene	13.435	119	23030	4.787	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	24274	4.413	ug/l	95
85) sec-Butylbenzene	13.612	105	31033	4.551	ug/l	98
86) p-Isopropyltoluene	13.729	119	25785	4.399	ug/l	96
87) 1,3-Dichlorobenzene	13.729	146	16437	4.813	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	17485	4.903	ug/l	92
89) n-Butylbenzene	14.053	91	22888	4.435	ug/l	98
90) Hexachloroethane	14.329	117	5632	5.191	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	15614	4.889	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	2405	4.631	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	9076	4.805	ug/l	98
94) Hexachlorobutadiene	15.500	225	2862	4.770	ug/l	96
95) Naphthalene	15.635	128	28795	4.407	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	8548	4.646	ug/l	97

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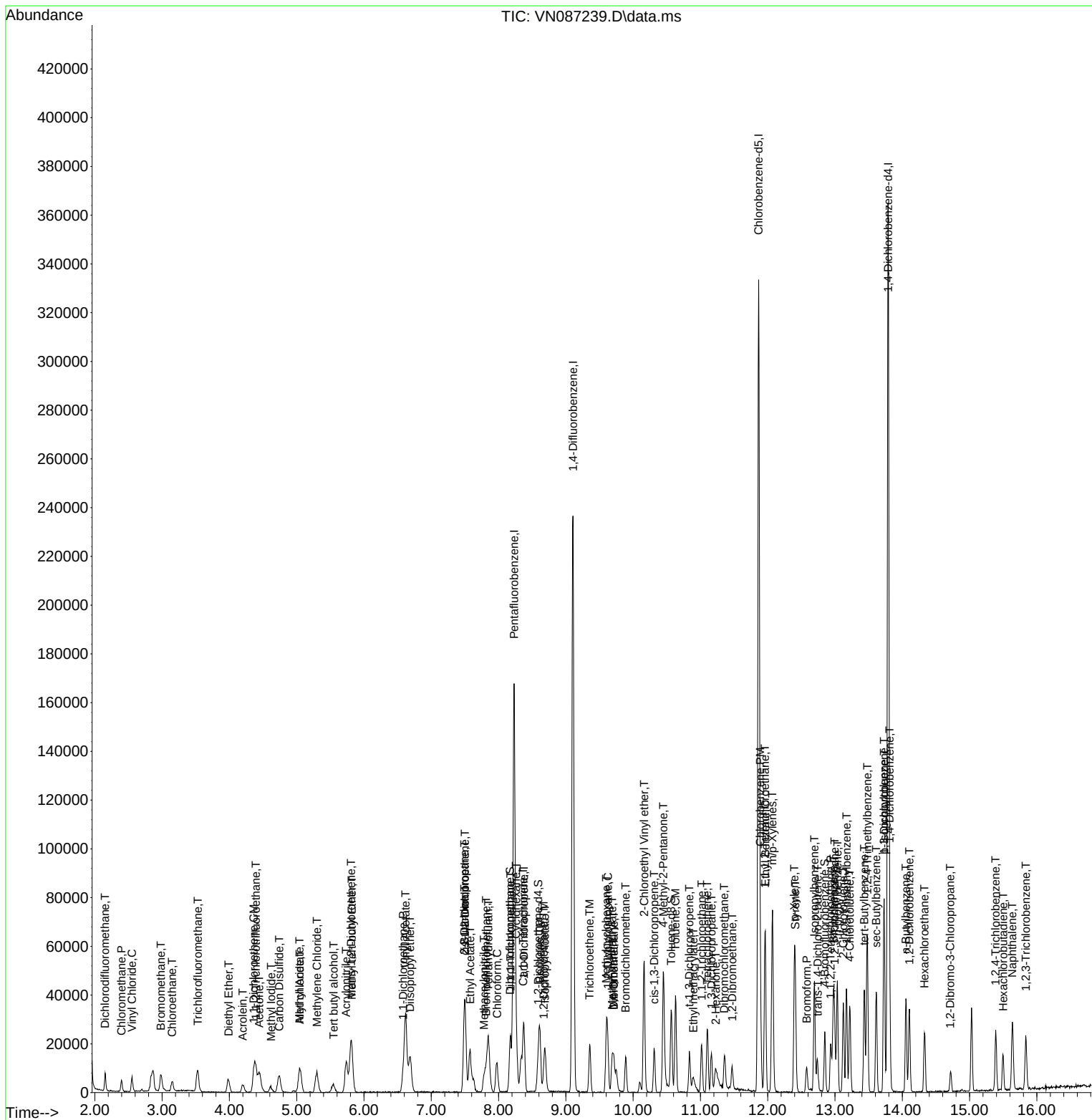
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ClientSampleId :
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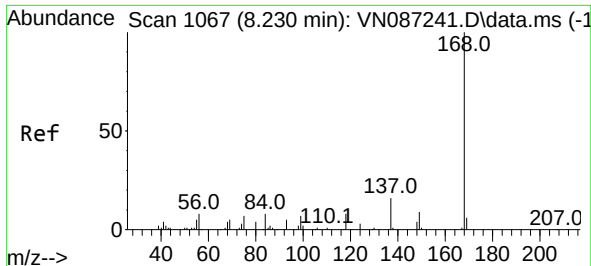
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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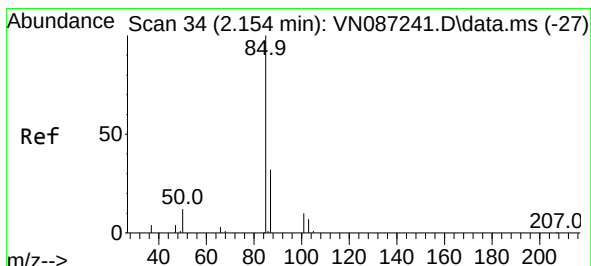
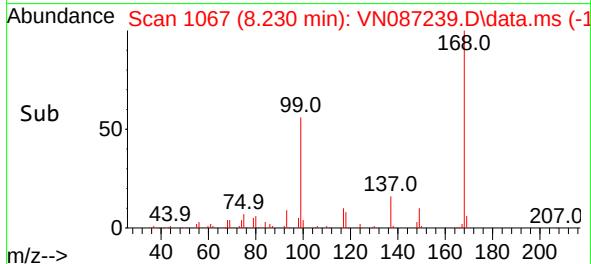
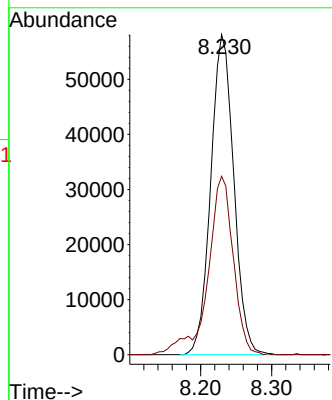
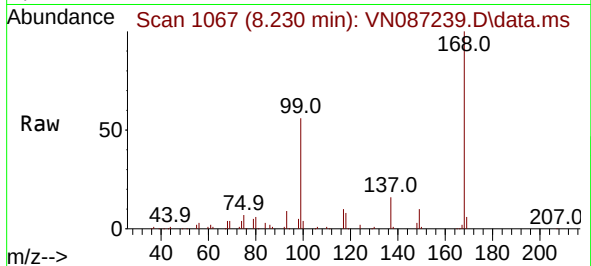




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087239.D
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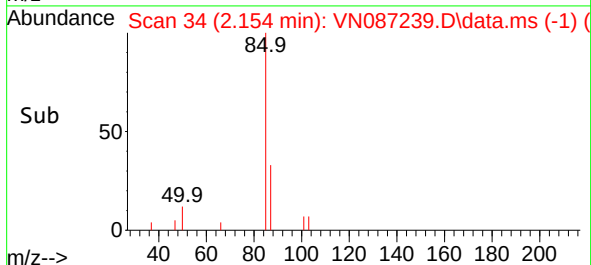
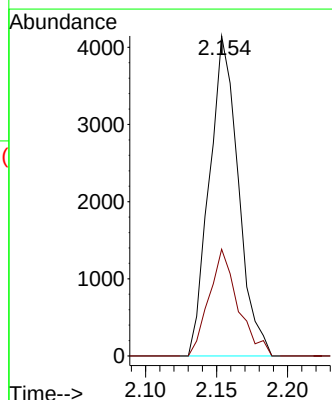
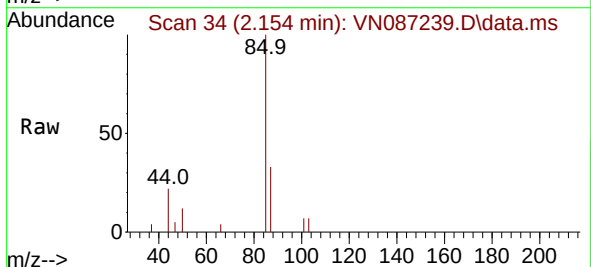
Instrument :
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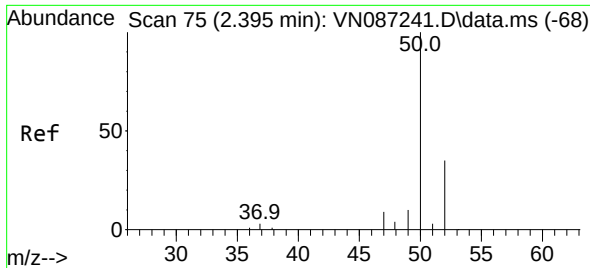
Tgt Ion:168 Resp: 130832
Ion Ratio Lower Upper
168 100
99 55.8 42.6 64.0



#2
Dichlorodifluoromethane
Concen: 4.616 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 85 Resp: 5877
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.3

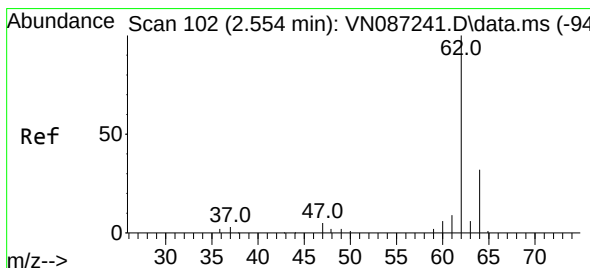
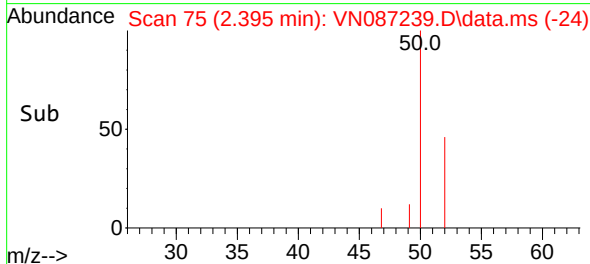
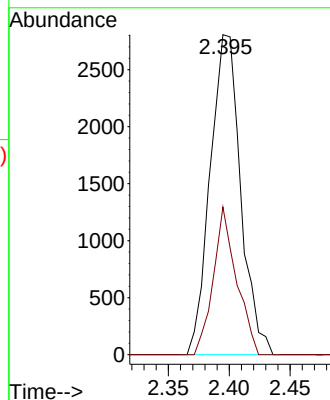
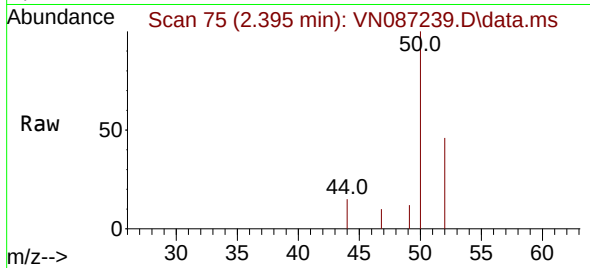




#3
Chloromethane
Concen: 4.728 ug/l
RT: 2.395 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

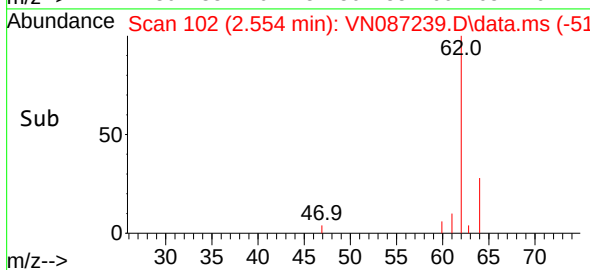
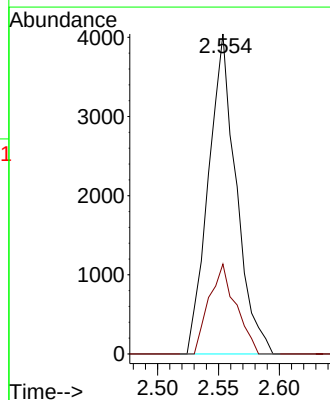
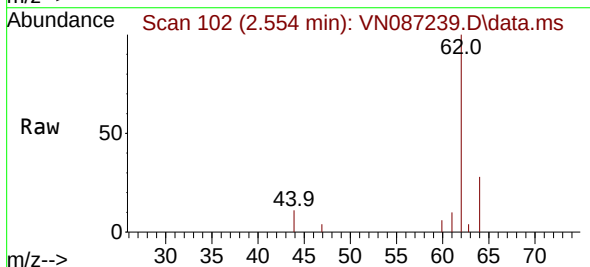
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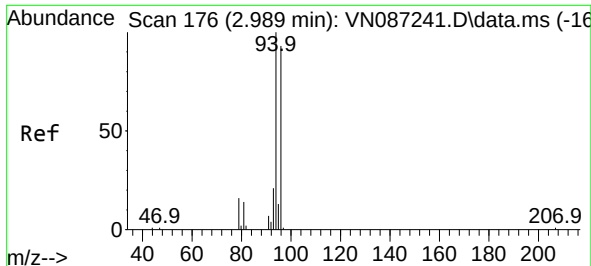
Tgt Ion: 50 Resp: 4888
Ion Ratio Lower Upper
50 100
52 46.2 27.8 41.8#



#4
Vinyl Chloride
Concen: 5.060 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 62 Resp: 6432
Ion Ratio Lower Upper
62 100
64 28.1 26.0 39.0

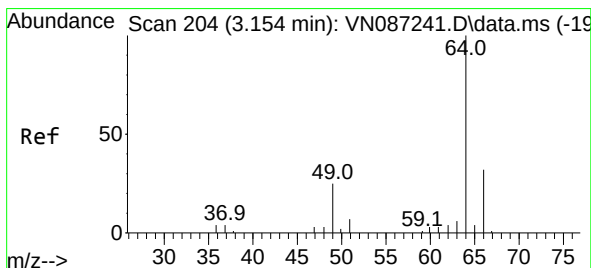
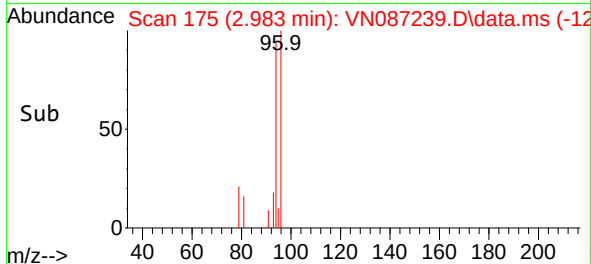
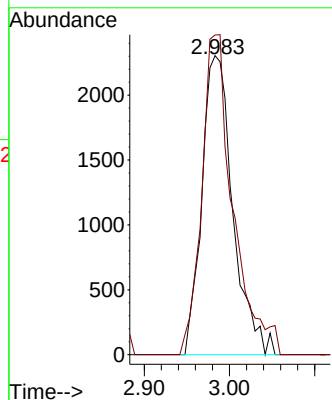
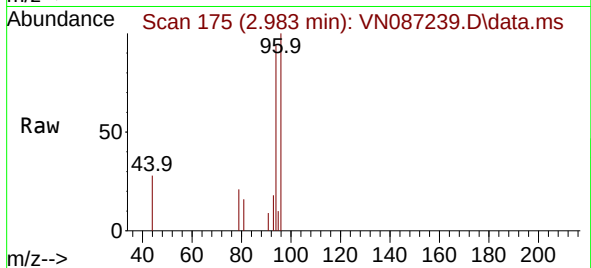




#5
Bromomethane
Concen: 5.006 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

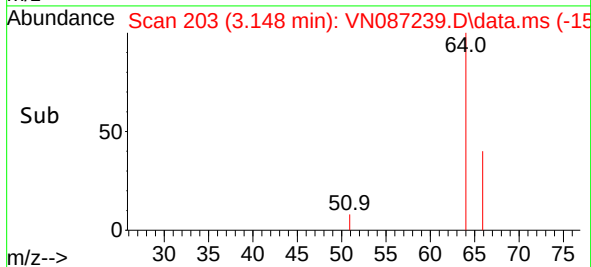
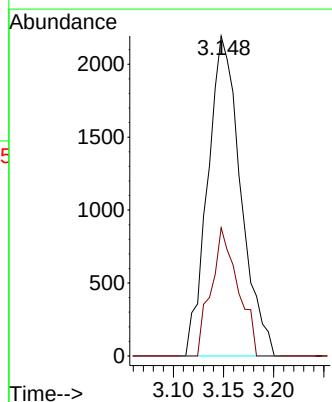
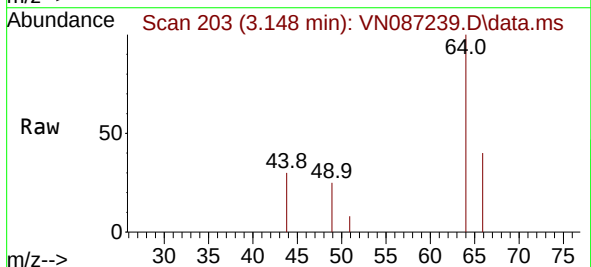
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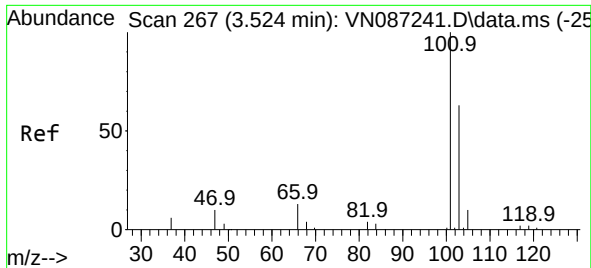
Tgt Ion: 94 Resp: 5807
Ion Ratio Lower Upper
94 100
96 106.9 74.3 111.5



#6
Chloroethane
Concen: 4.976 ug/l
RT: 3.148 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 64 Resp: 5010
Ion Ratio Lower Upper
64 100
66 40.1 25.3 37.9#

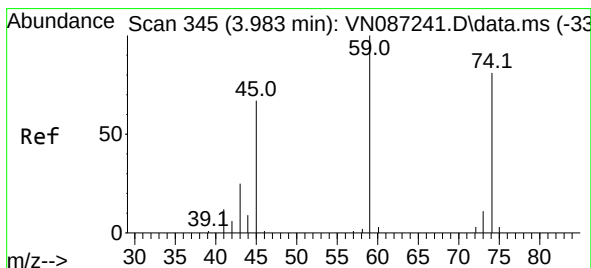
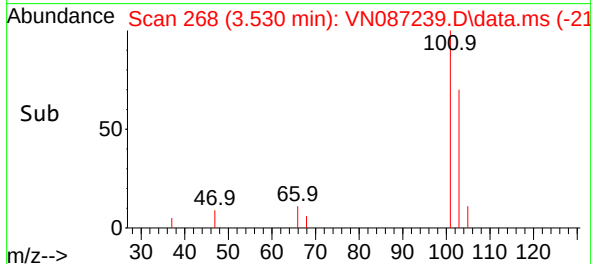
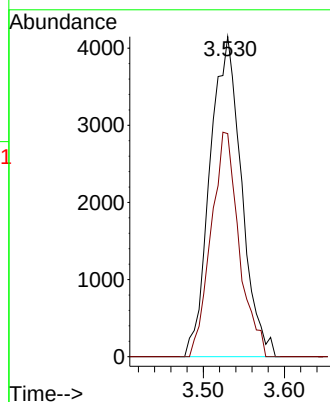
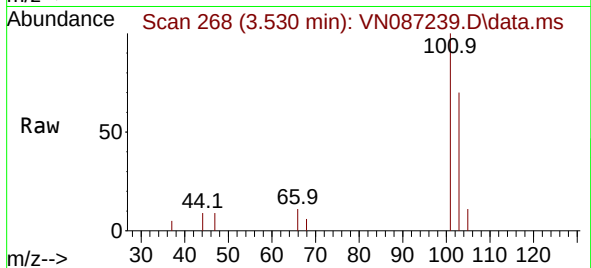




#7
 Trichlorofluoromethane
 Concen: 5.067 ug/l
 RT: 3.530 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

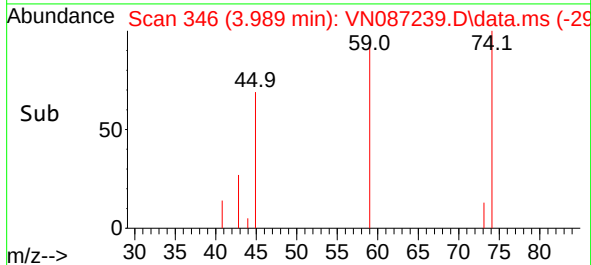
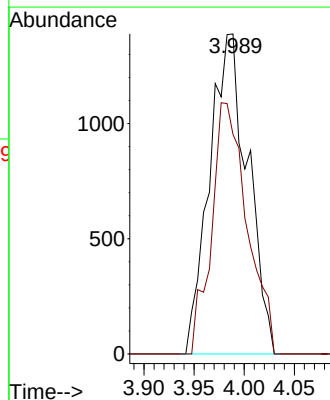
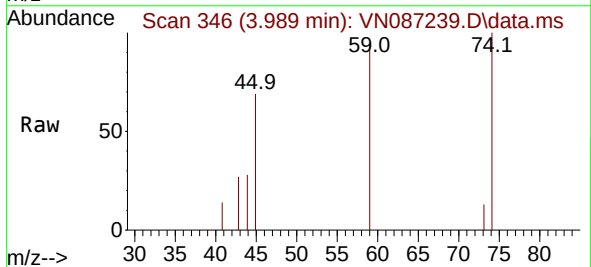
Instrument :
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 ClientSampleId :
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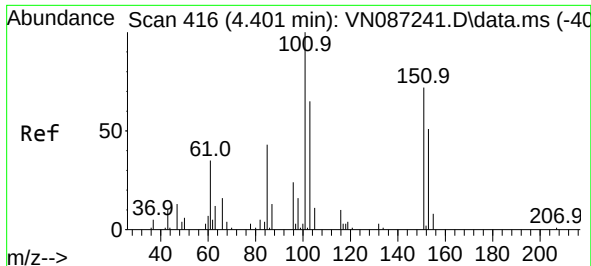
Tgt Ion:101 Resp: 11176
 Ion Ratio Lower Upper
 101 100
 103 69.7 50.5 75.7



#8
 Diethyl Ether
 Concen: 5.257 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

Tgt Ion: 74 Resp: 3700
 Ion Ratio Lower Upper
 74 100
 45 72.8 39.4 118.1

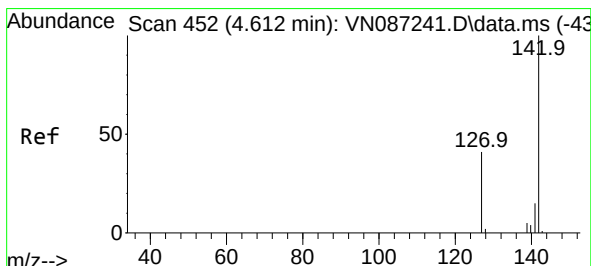
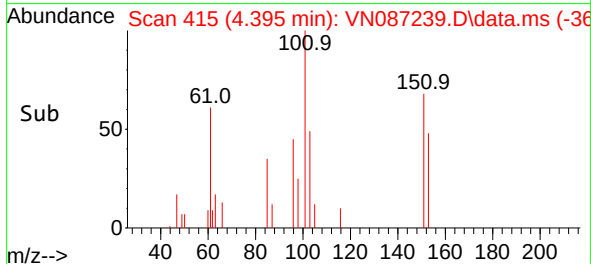
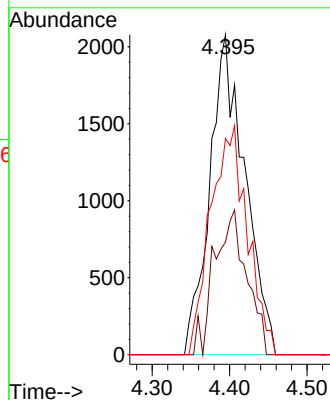
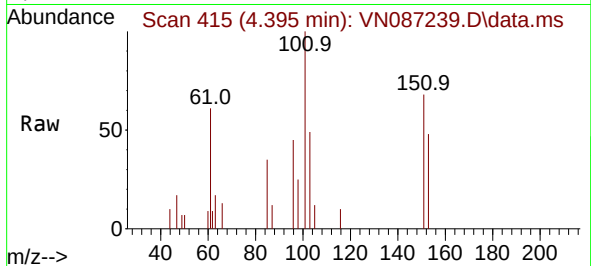




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.123 ug/l
RT: 4.395 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087239.D
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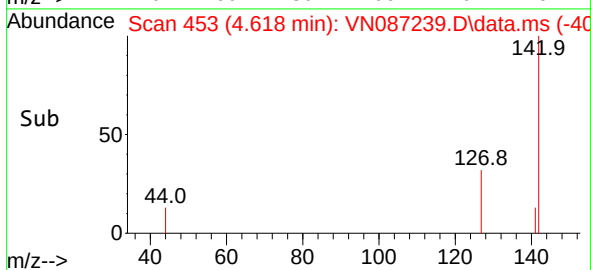
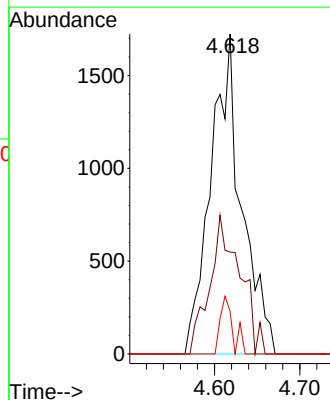
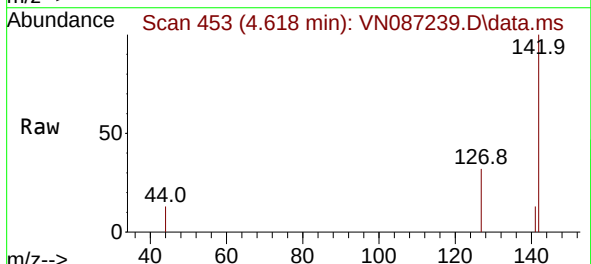
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

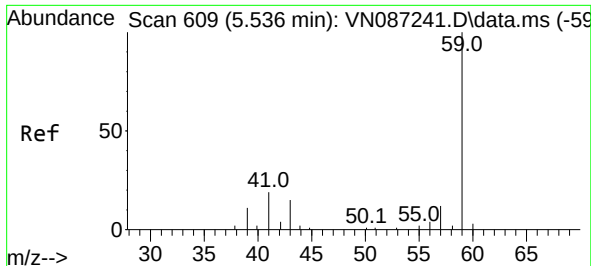
Tgt Ion:101 Resp: 6560
Ion Ratio Lower Upper
101 100
85 41.4 34.4 51.6
151 74.8 63.8 95.8



#10
Methyl Iodide
Concen: 3.418 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:142 Resp: 4343
Ion Ratio Lower Upper
142 100
127 31.8 32.8 49.2#
141 13.3 11.6 17.4

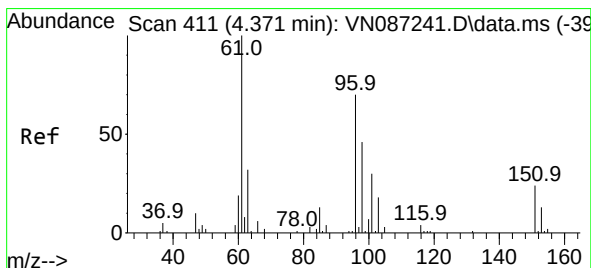
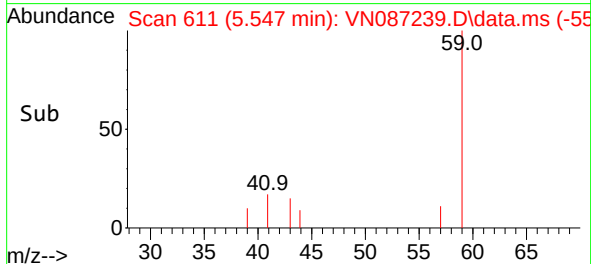
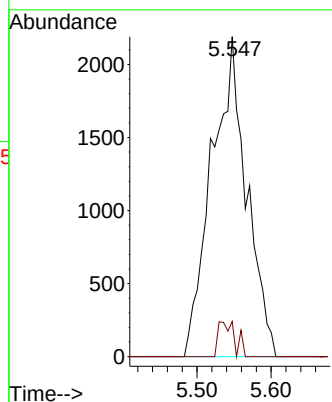
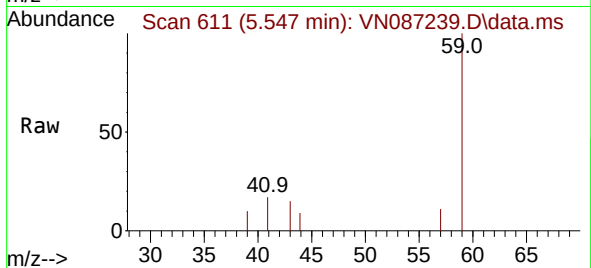




#11
Tert butyl alcohol
Concen: 23.876 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

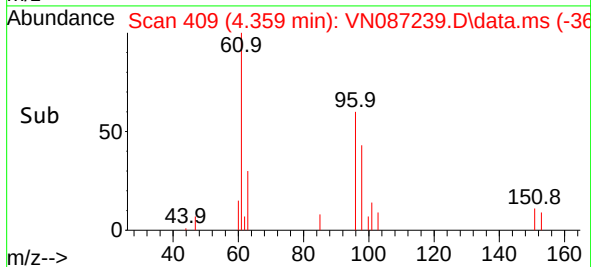
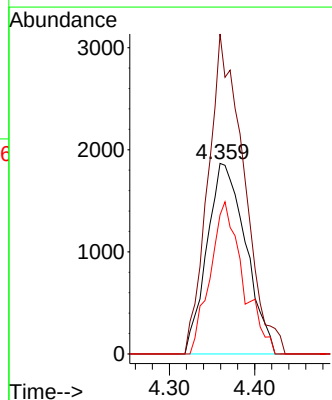
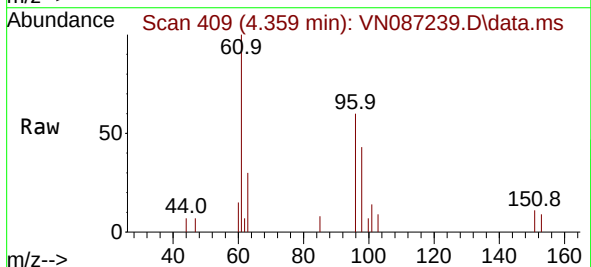
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

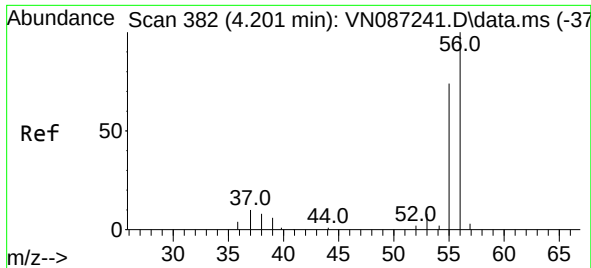
Tgt Ion: 59 Resp: 7145
Ion Ratio Lower Upper
59 100
57 5.3 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 4.840 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 96 Resp: 5888
Ion Ratio Lower Upper
96 100
61 168.0 114.4 171.6
98 72.9 53.0 79.6

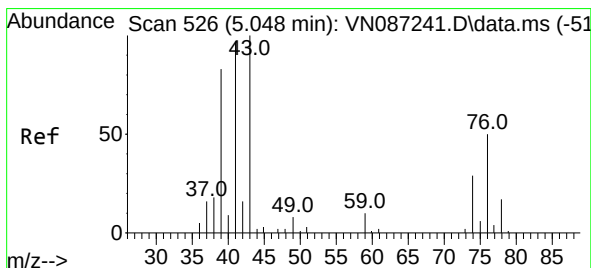
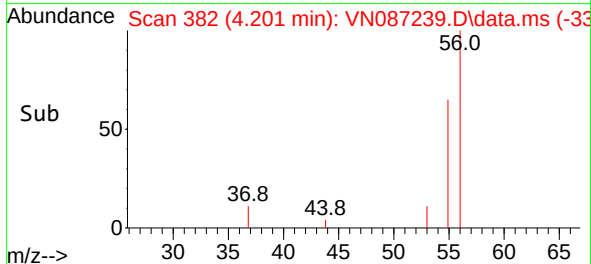
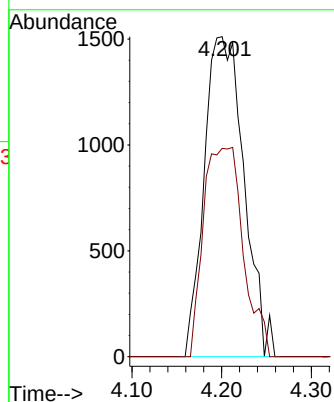
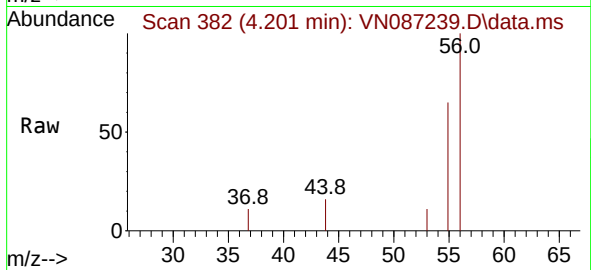




#13
Acrolein
Concen: 22.420 ug/l
RT: 4.201 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

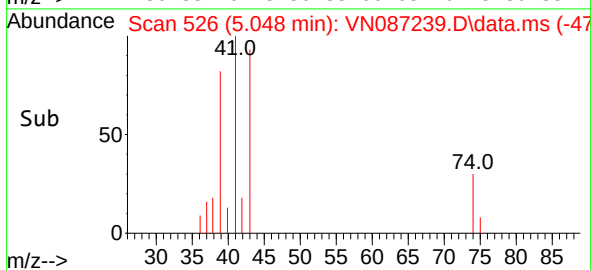
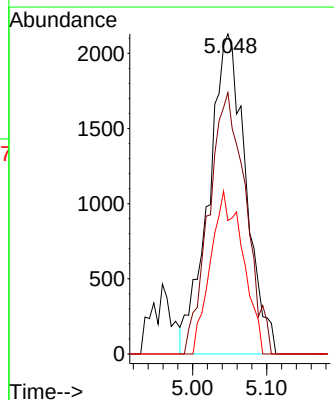
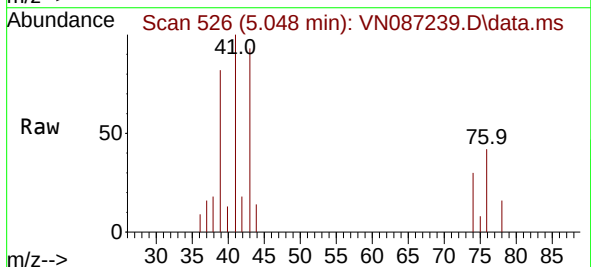
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

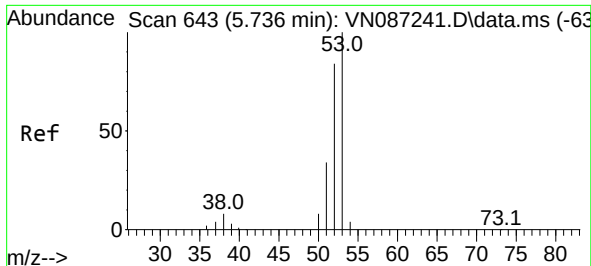
Tgt Ion: 56 Resp: 4647
Ion Ratio Lower Upper
56 100
55 65.4 58.6 88.0



#14
Allyl chloride
Concen: 4.947 ug/l
RT: 5.048 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 41 Resp: 7376
Ion Ratio Lower Upper
41 100
39 81.1 66.3 99.5
76 44.4 38.6 58.0

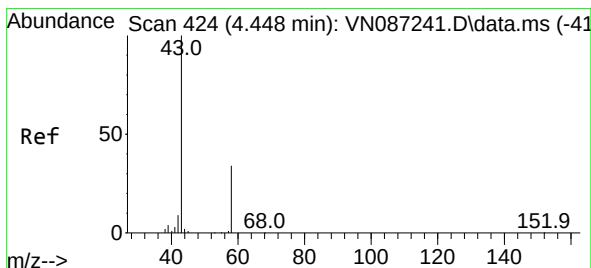
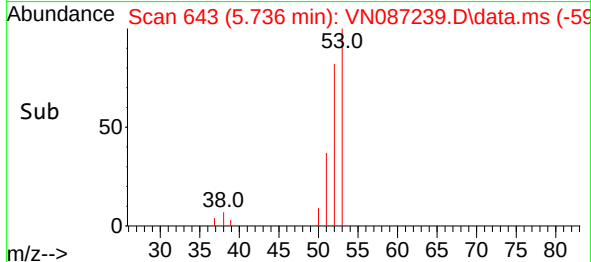
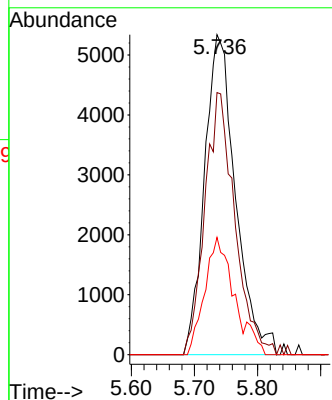
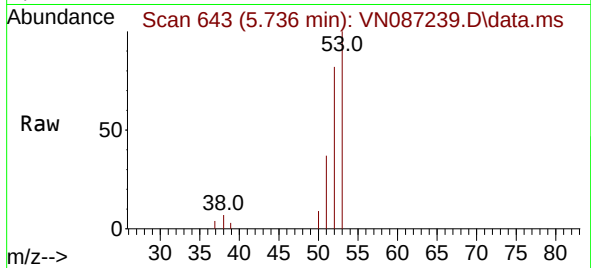




#15
Acrylonitrile
Concen: 24.466 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

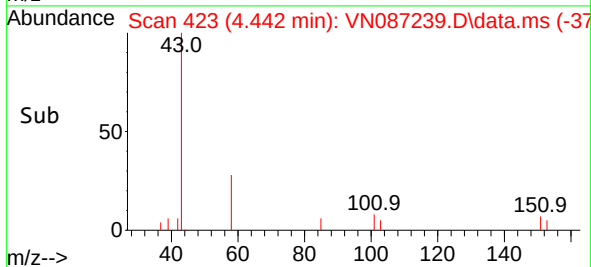
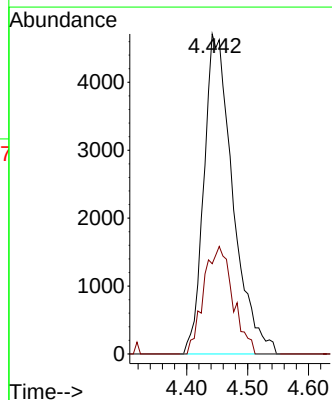
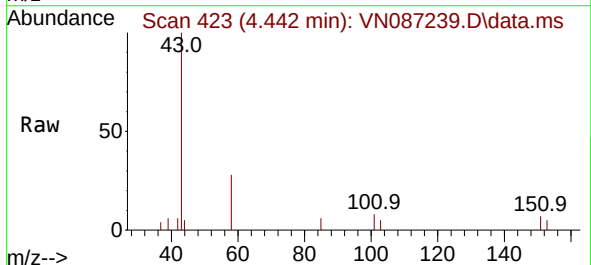
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

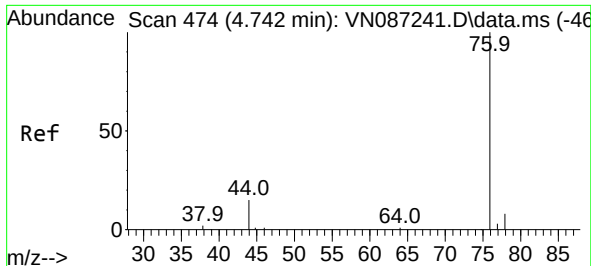
Tgt Ion:	53	Resp:	18189
Ion	Ratio	Lower	Upper
53	100		
52	79.1	66.5	99.7
51	31.7	29.1	43.7



#16
Acetone
Concen: 24.710 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:	43	Resp:	15512
Ion	Ratio	Lower	Upper
43	100		
58	28.2	27.1	40.7

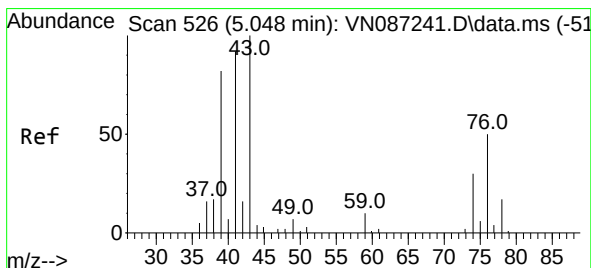
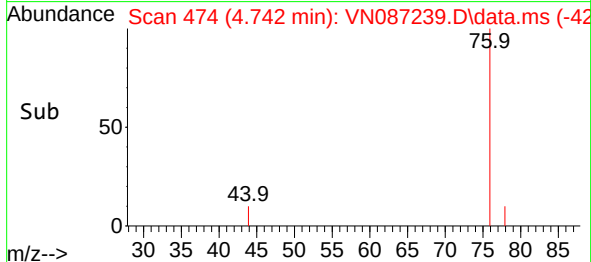
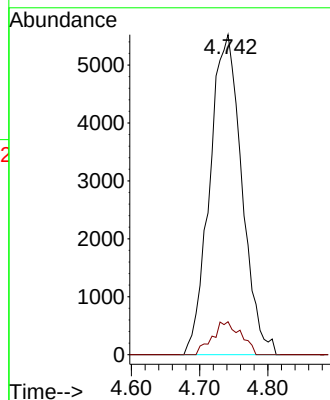
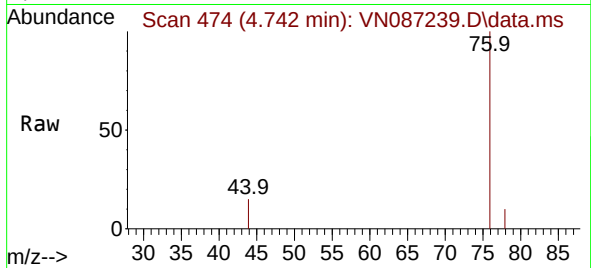




#17
Carbon Disulfide
Concen: 4.967 ug/l
RT: 4.742 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

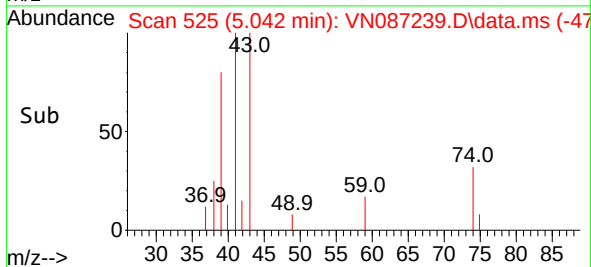
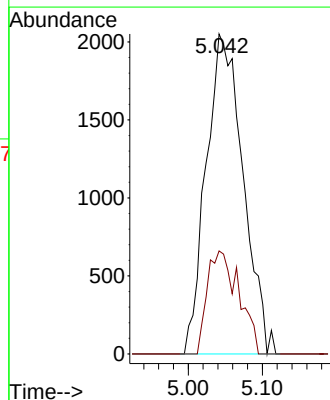
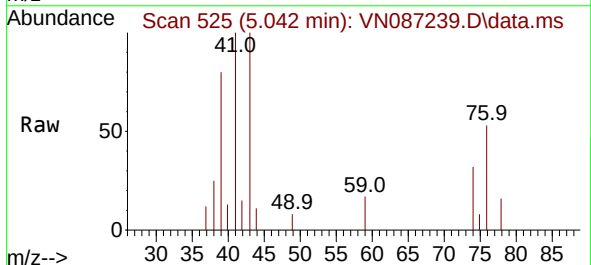
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

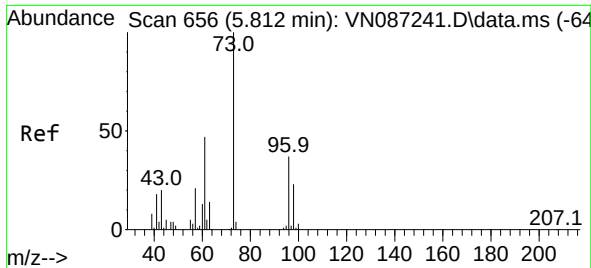
Tgt Ion: 76 Resp: 18128
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#



#18
Methyl Acetate
Concen: 4.930 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 43 Resp: 7085
Ion Ratio Lower Upper
43 100
74 27.5 23.8 35.6

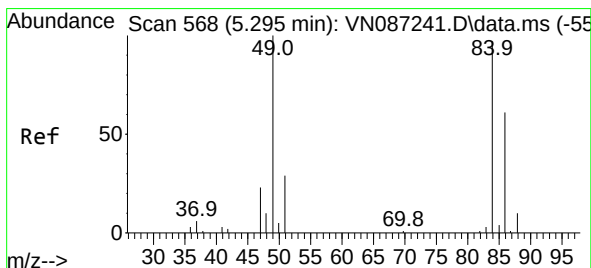
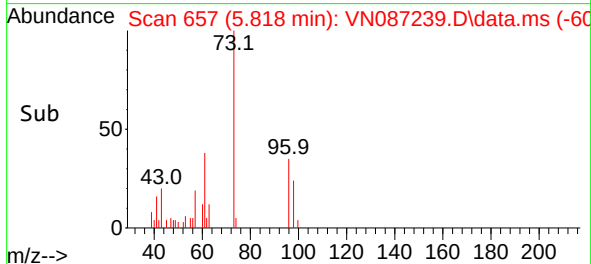
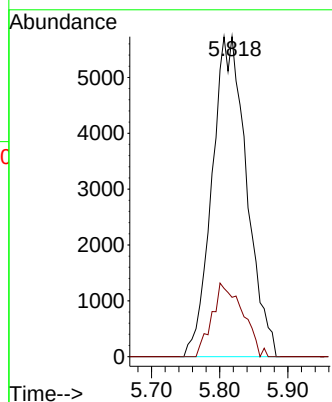
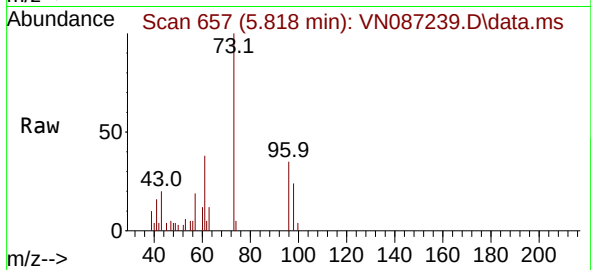




#19
Methyl tert-butyl Ether
Concen: 4.750 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

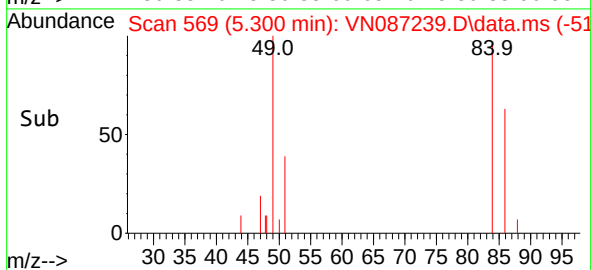
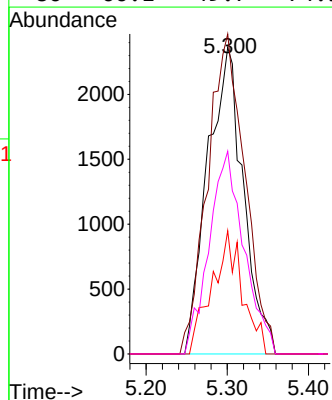
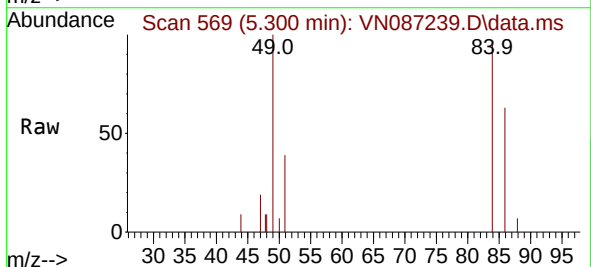
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

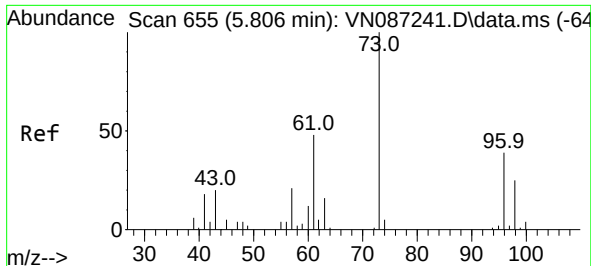
Tgt Ion: 73 Resp: 20253
Ion Ratio Lower Upper
73 100
57 18.6 16.7 25.1



#20
Methylene Chloride
Concen: 5.193 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 84 Resp: 7222
Ion Ratio Lower Upper
84 100
49 104.4 82.1 123.1
51 40.2 23.5 35.3#
86 66.1 49.7 74.5

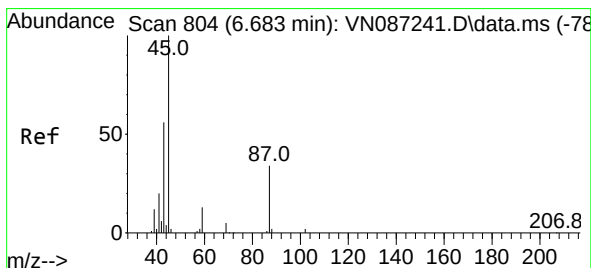
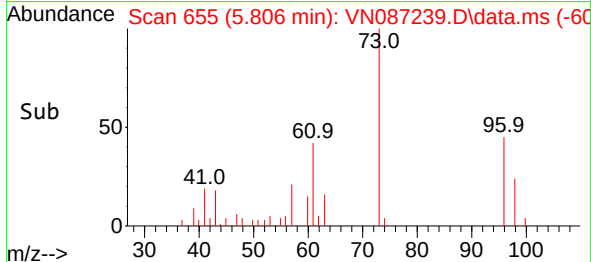
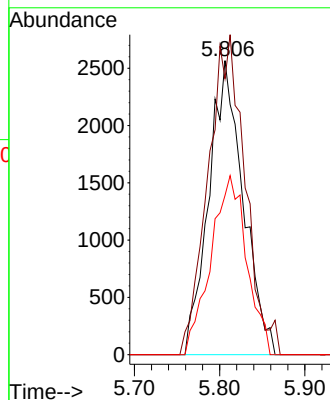
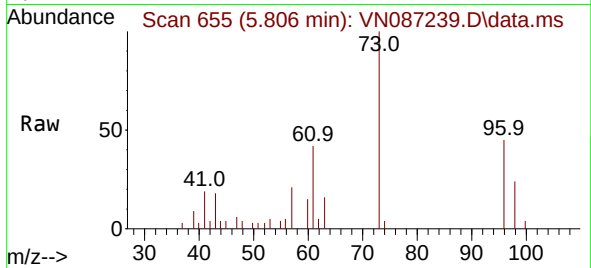




#21
trans-1,2-Dichloroethene
Concen: 4.911 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

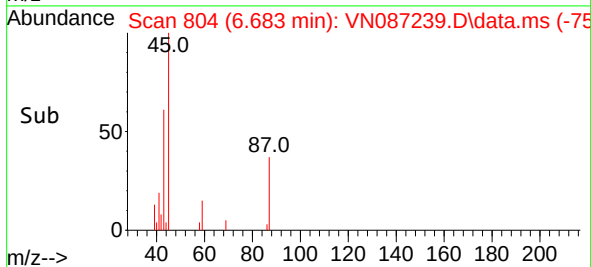
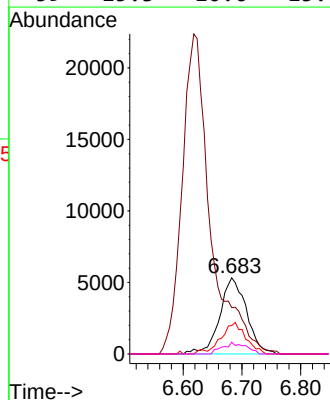
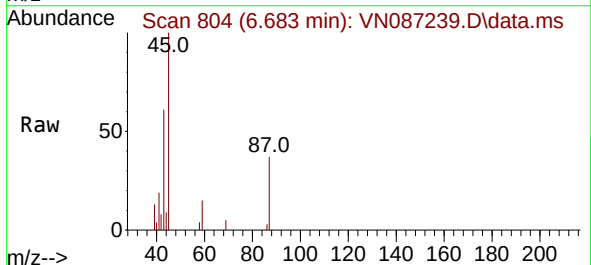
Instrument :
MSVOA_N
ClientSampleId :
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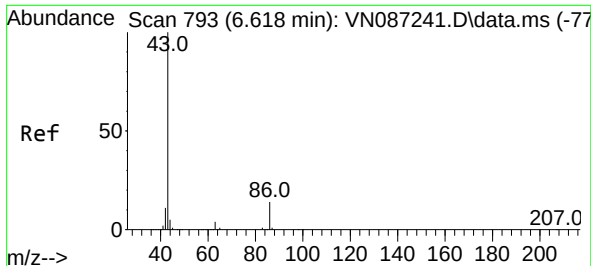
Tgt Ion: 96 Resp: 7219
Ion Ratio Lower Upper
96 100
61 93.8 98.2 147.2#
98 54.1 50.0 75.0



#22
Diisopropyl ether
Concen: 4.709 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 45 Resp: 16810
Ion Ratio Lower Upper
45 100
43 61.0 50.1 75.1
87 37.2 27.5 41.3
59 15.3 10.6 15.8

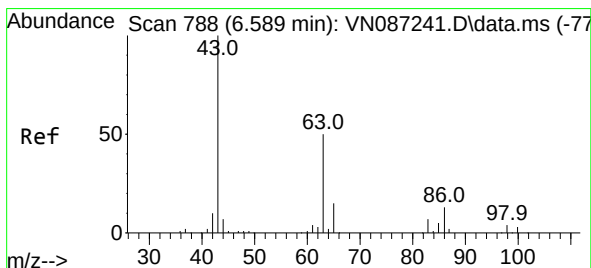
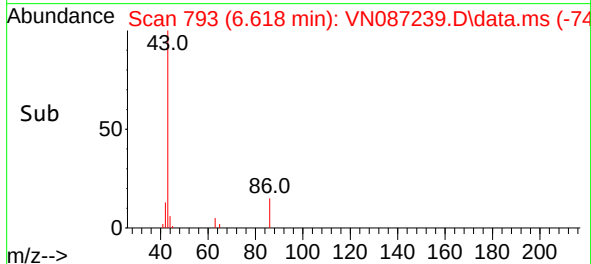
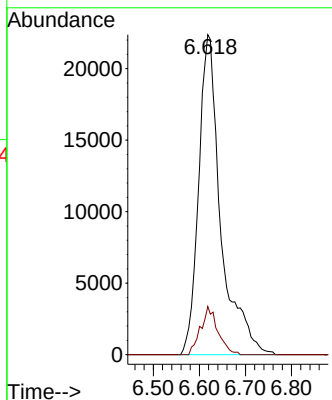
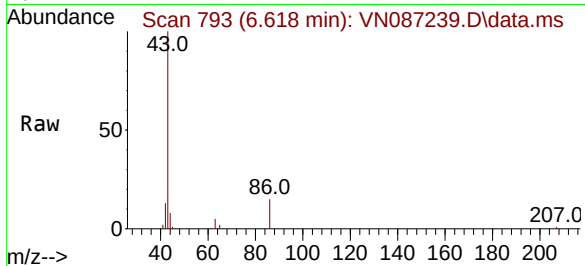




#23
 Vinyl Acetate
 Concen: 22.691 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

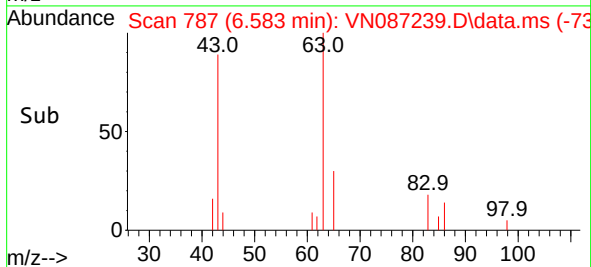
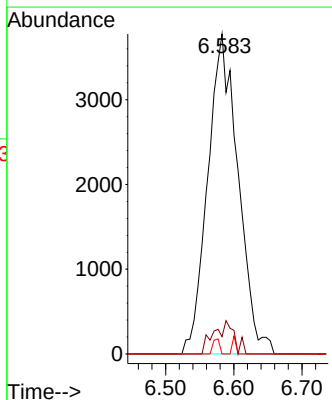
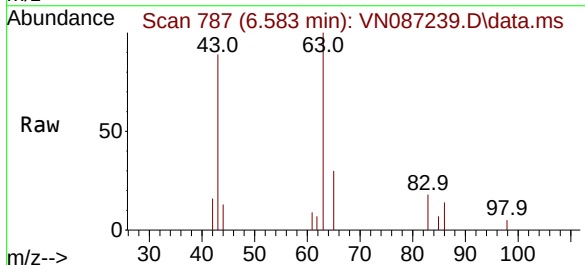
Instrument :
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 ClientSampleId :
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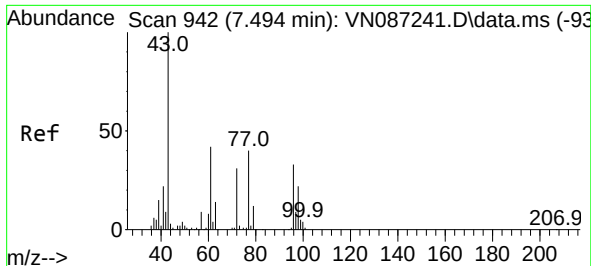
Tgt Ion: 43 Resp: 74911
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.0 16.4



#24
 1,1-Dichloroethane
 Concen: 5.019 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

Tgt Ion: 63 Resp: 11739
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.6
 100 0.0 2.7 8.1#

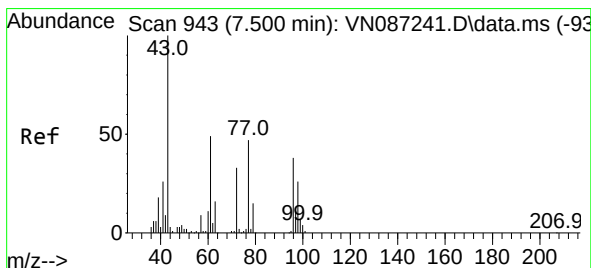
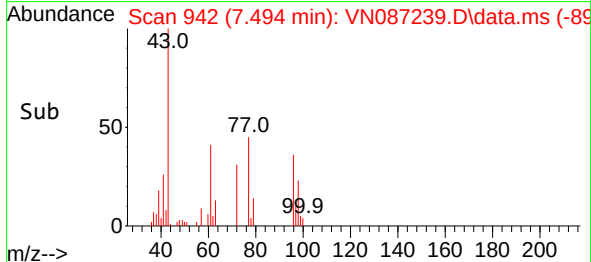
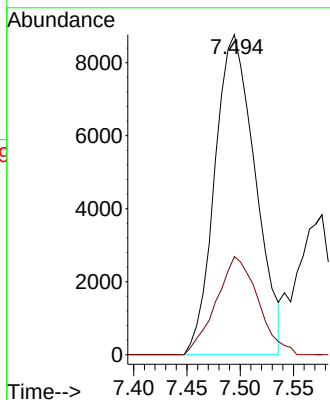
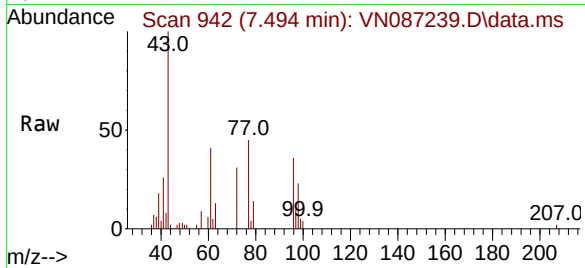




#25
2-Butanone
Concen: 23.635 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

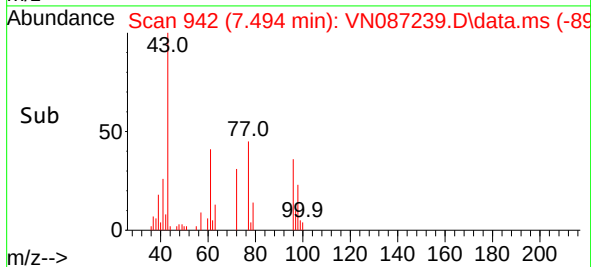
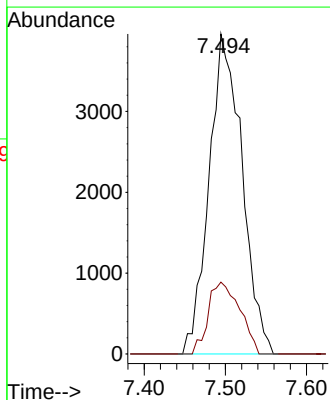
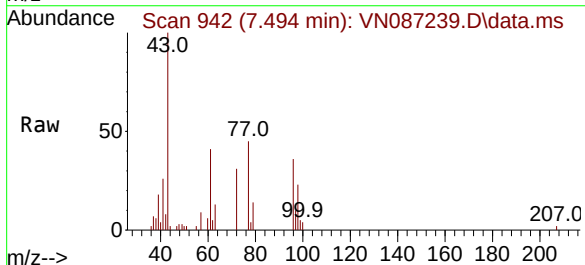
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

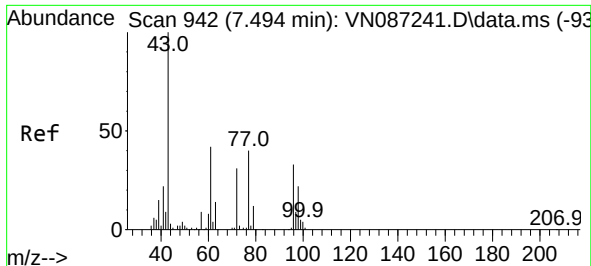
Tgt Ion: 43 Resp: 23187
Ion Ratio Lower Upper
43 100
72 30.6 24.8 37.2



#26
2,2-Dichloropropane
Concen: 4.990 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 77 Resp: 11168
Ion Ratio Lower Upper
77 100
97 21.5 11.8 35.3

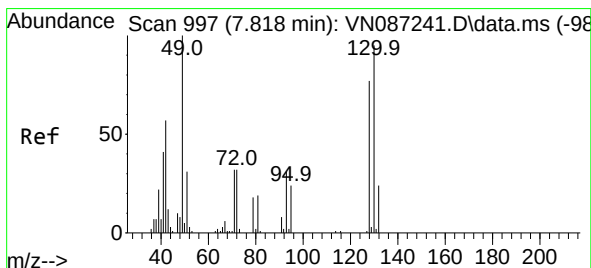
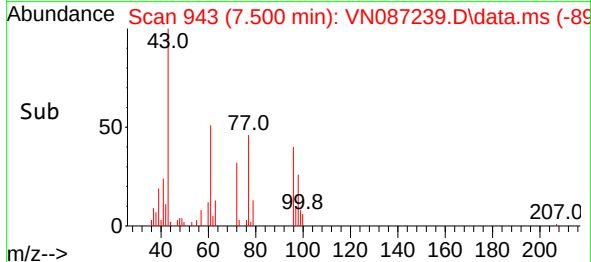
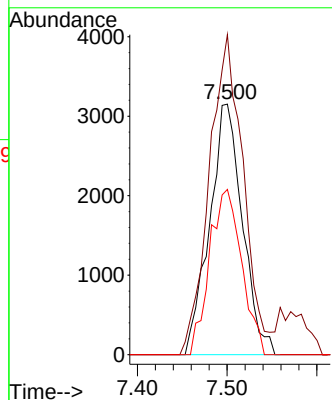
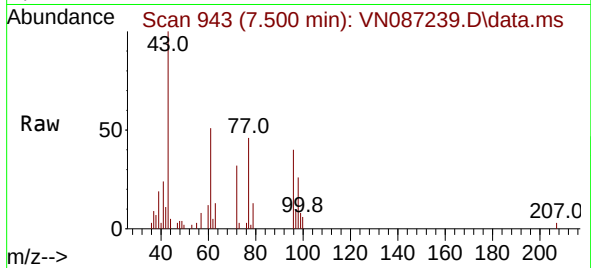




#27
 cis-1,2-Dichloroethene
 Concen: 4.722 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

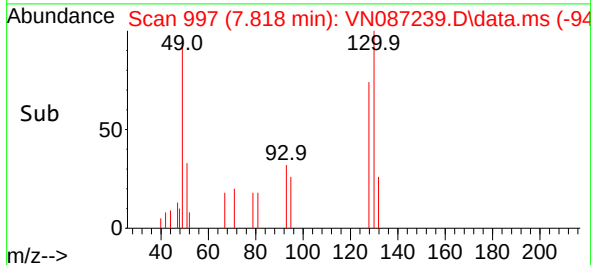
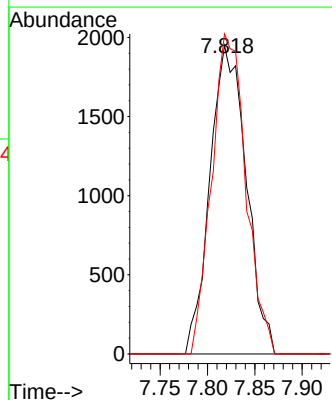
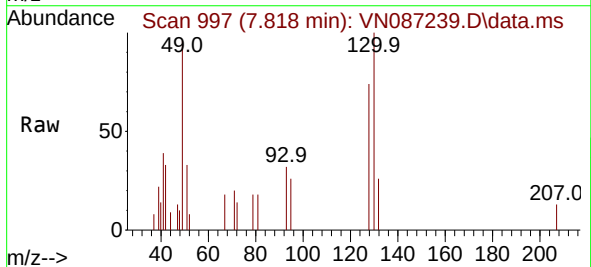
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

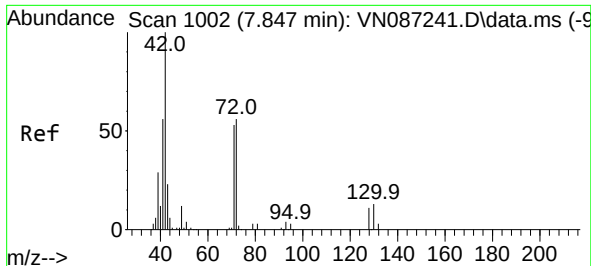
Tgt Ion: 96 Resp: 8016
 Ion Ratio Lower Upper
 96 100
 61 131.8 0.0 258.8
 98 64.4 0.0 130.8



#28
 Bromochloromethane
 Concen: 5.028 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

Tgt Ion: 49 Resp: 5191
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 97.6 78.4 117.6





#29

Tetrahydrofuran

Concen: 22.653 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

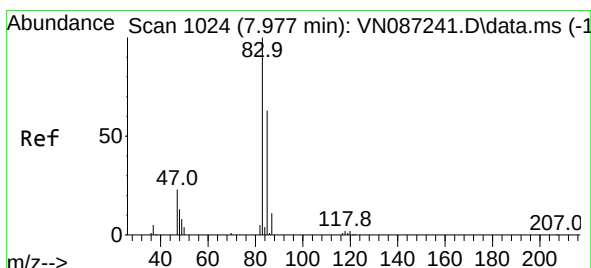
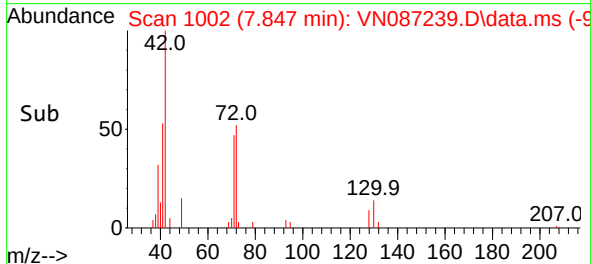
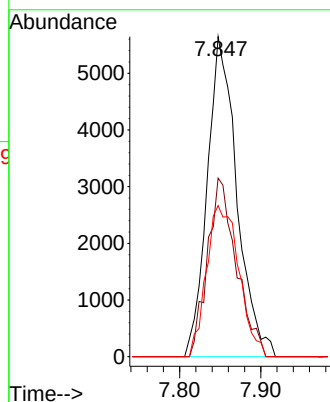
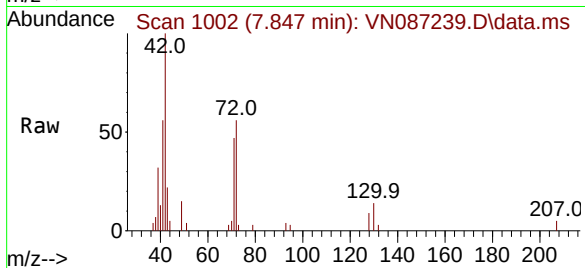
Tgt Ion: 42 Resp: 14321

Ion Ratio Lower Upper

42 100

72 54.2 44.2 66.4

71 51.6 41.1 61.7



#30

Chloroform

Concen: 4.986 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087239.D

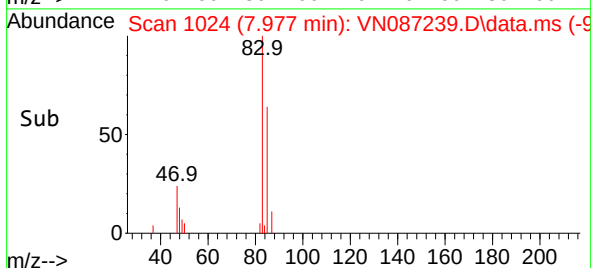
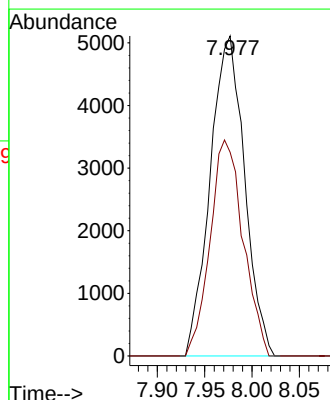
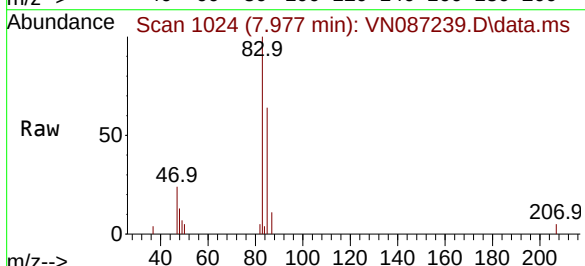
Acq: 30 Jun 2025 13:26

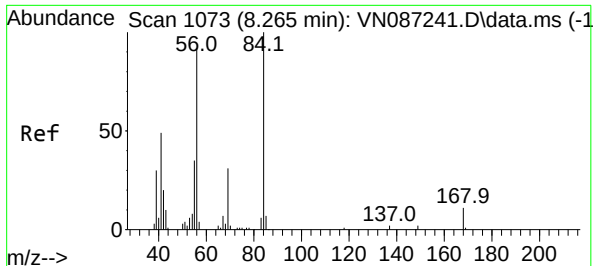
Tgt Ion: 83 Resp: 12926

Ion Ratio Lower Upper

83 100

85 63.7 50.3 75.5

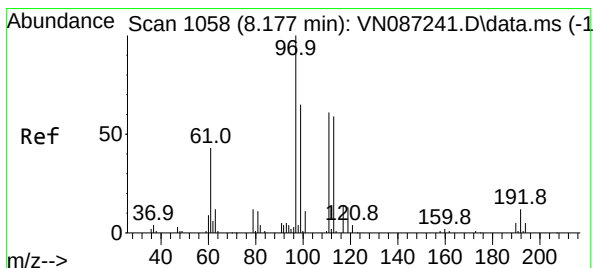
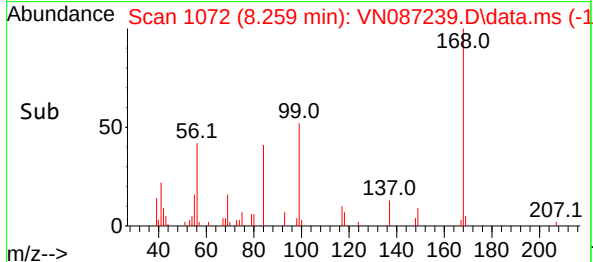
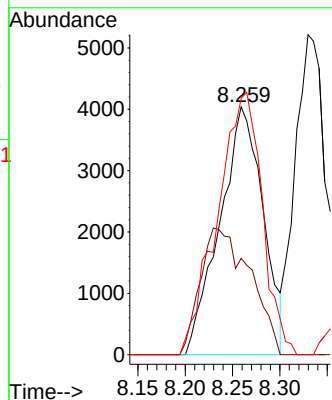
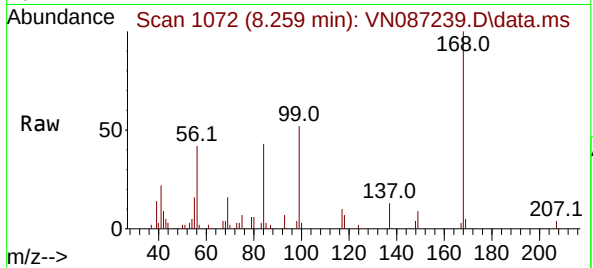




#31
Cyclohexane
Concen: 5.747 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

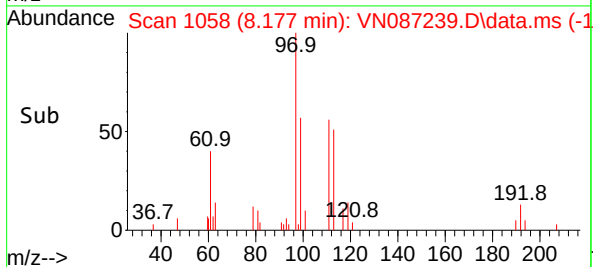
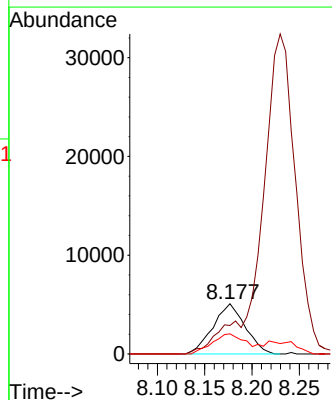
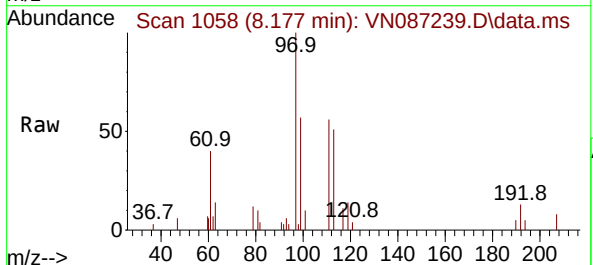
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

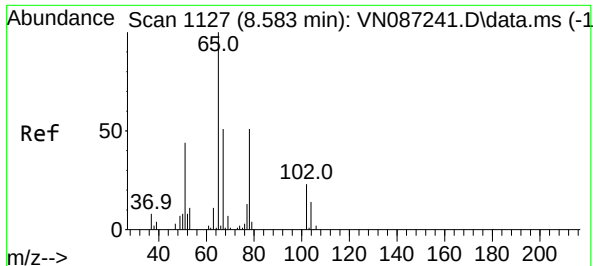
Tgt Ion: 56	Resp: 12851
Ion Ratio	Lower Upper
56	100
69	38.9 27.0 40.6
84	103.4 86.2 129.4



#32
1,1,1-Trichloroethane
Concen: 4.979 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 97	Resp: 12021
Ion Ratio	Lower Upper
97	100
99	0.0 49.5 74.3#
61	45.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 5.223 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

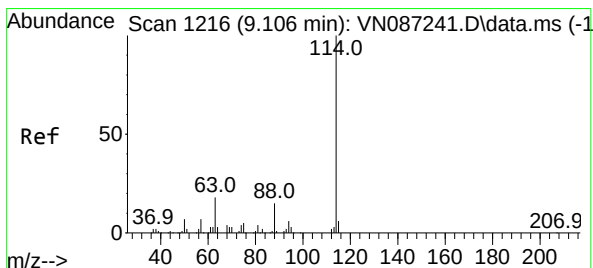
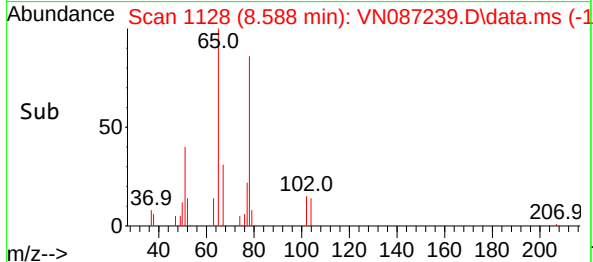
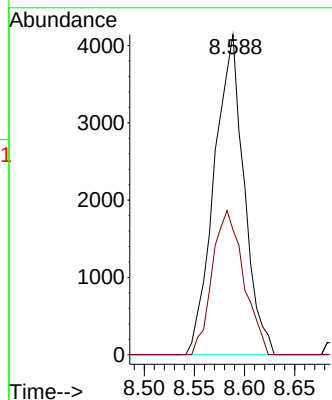
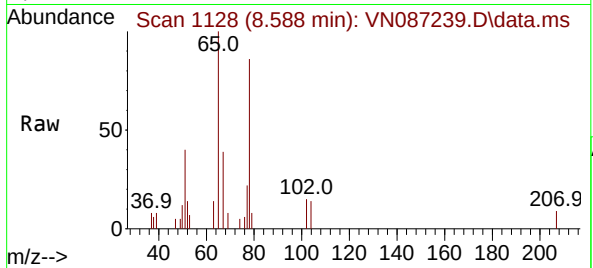
VSTDIC005

Tgt Ion: 65 Resp: 8576

Ion Ratio Lower Upper

65 100

67 47.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

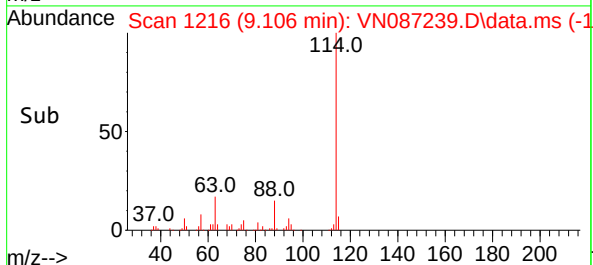
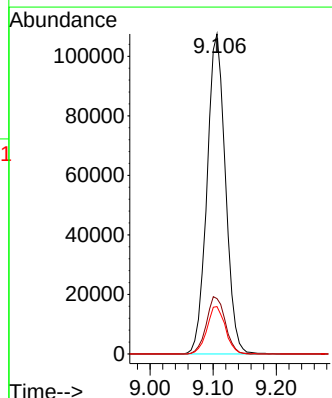
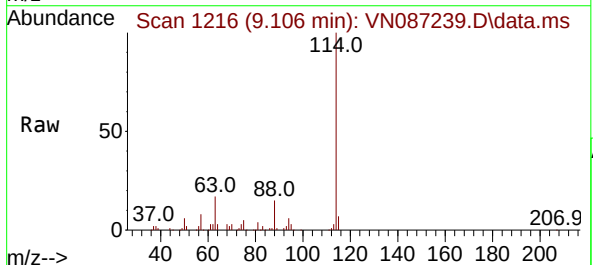
Tgt Ion: 114 Resp: 217914

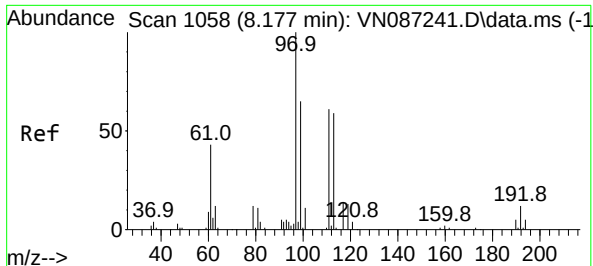
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 4.881 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

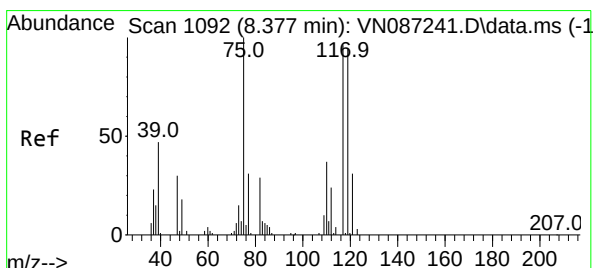
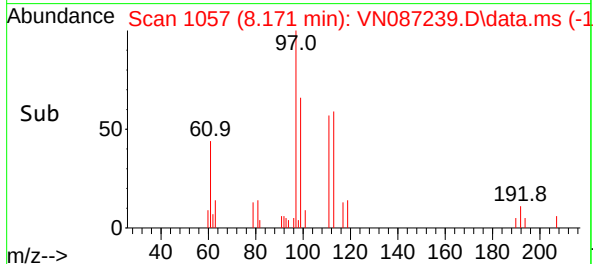
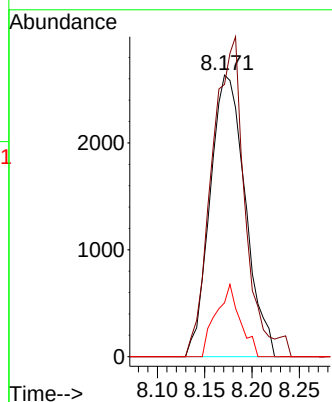
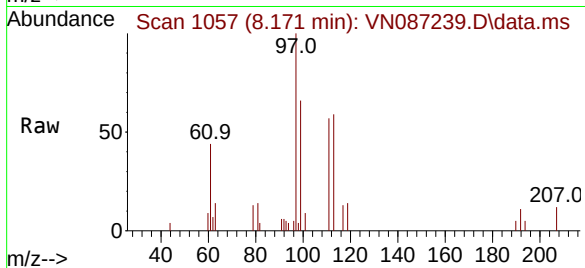
Tgt Ion:113 Resp: 6811

Ion Ratio Lower Upper

113 100

111 107.0 81.4 122.2

192 17.6 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.578 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

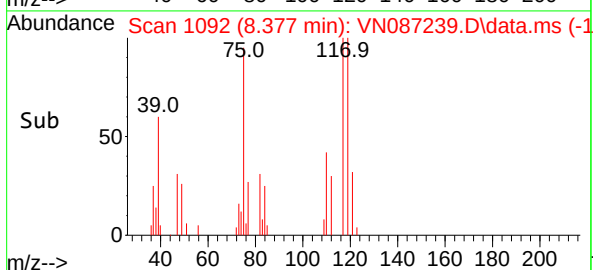
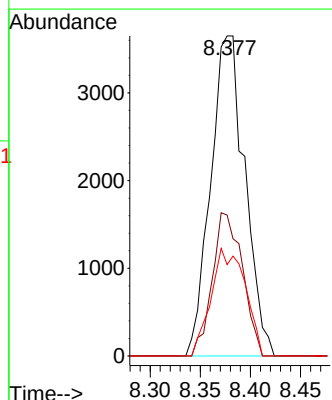
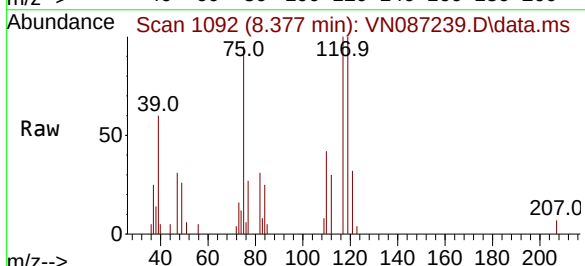
Tgt Ion: 75 Resp: 8686

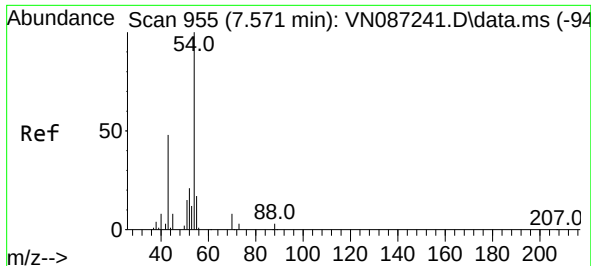
Ion Ratio Lower Upper

75 100

110 39.2 18.7 56.1

77 33.4 24.5 36.7

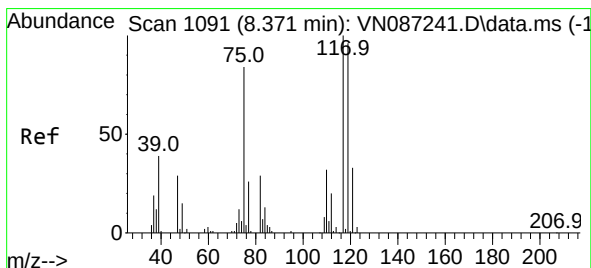
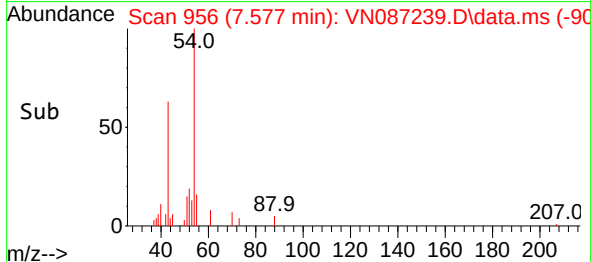
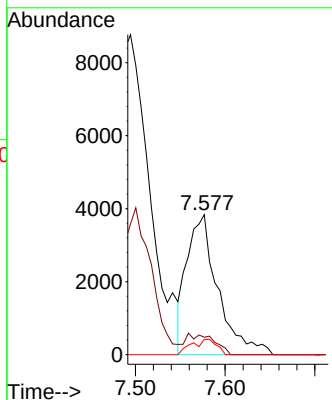
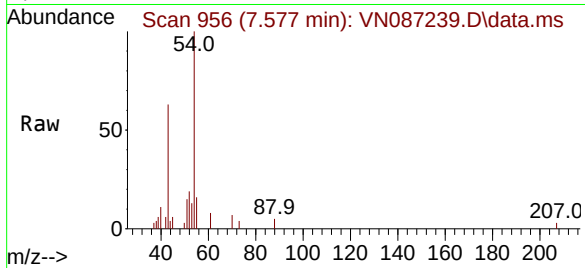




#37
Ethyl Acetate
Concen: 4.523 ug/l
RT: 7.577 min Scan# 919
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

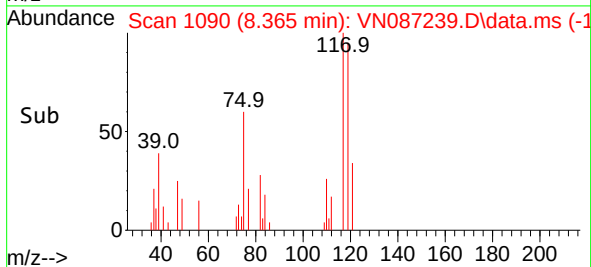
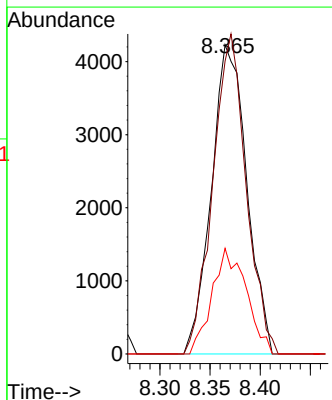
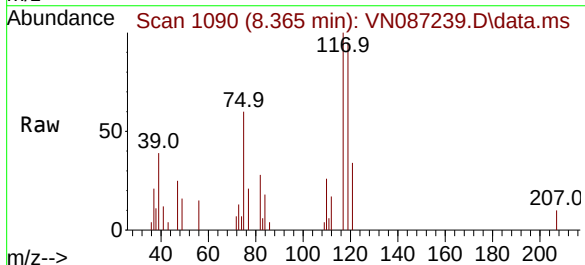
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

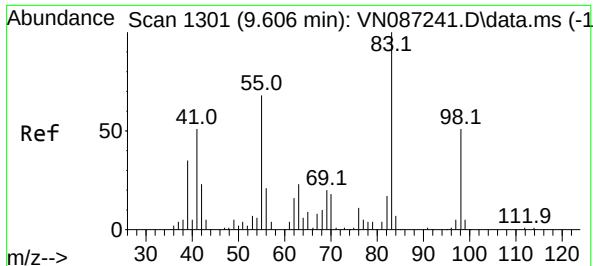
Tgt Ion: 43 Resp: 9226
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 8.8 9.9 14.9#



#38
Carbon Tetrachloride
Concen: 4.831 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 117 Resp: 10388
Ion Ratio Lower Upper
117 100
119 94.7 77.2 115.8
121 34.2 26.6 39.8





#39

Methylcyclohexane

Concen: 4.462 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

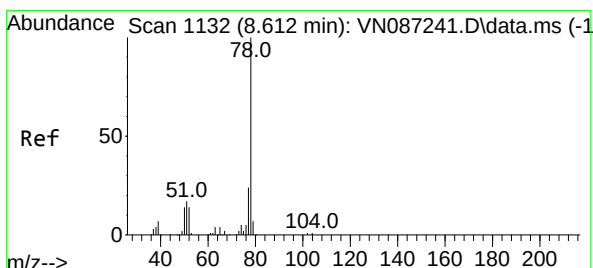
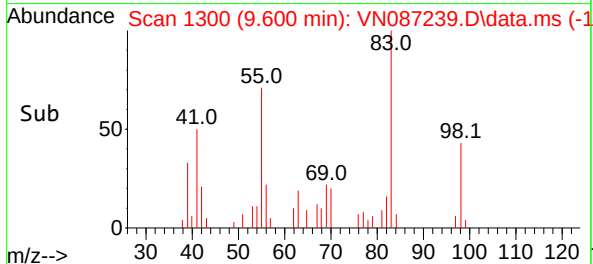
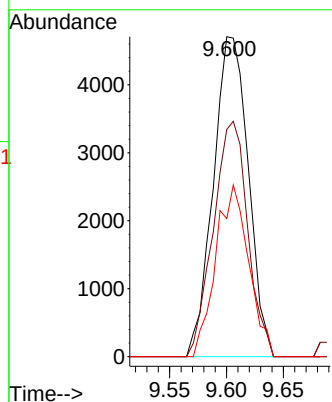
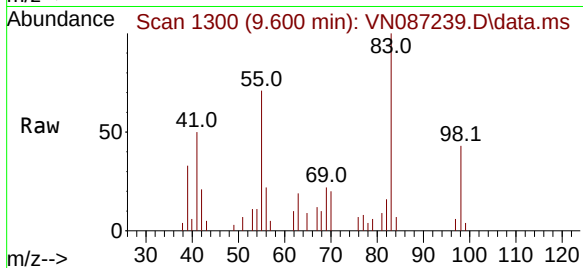
Tgt Ion: 83 Resp: 10082

Ion Ratio Lower Upper

83 100

55 71.0 54.6 81.8

98 43.2 41.2 61.8



#40

Benzene

Concen: 4.706 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087239.D

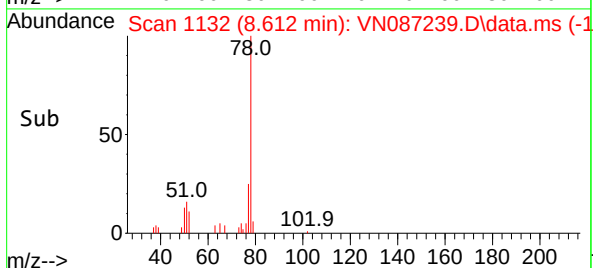
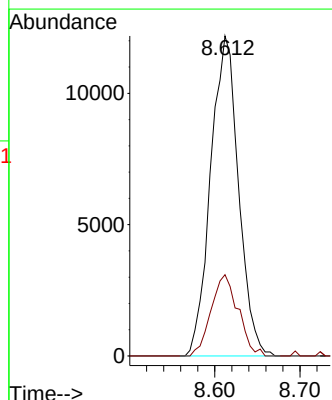
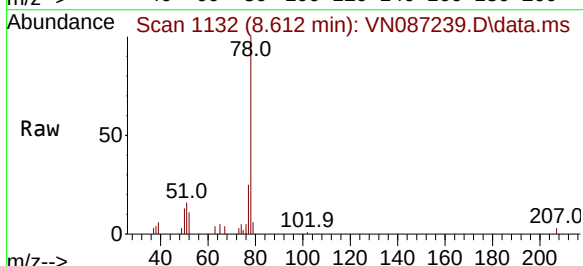
Acq: 30 Jun 2025 13:26

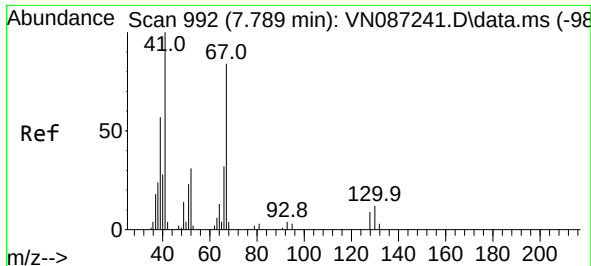
Tgt Ion: 78 Resp: 27665

Ion Ratio Lower Upper

78 100

77 25.4 19.5 29.3

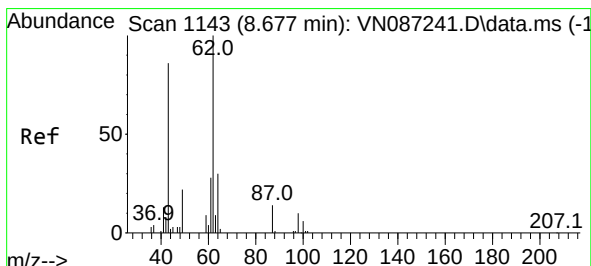
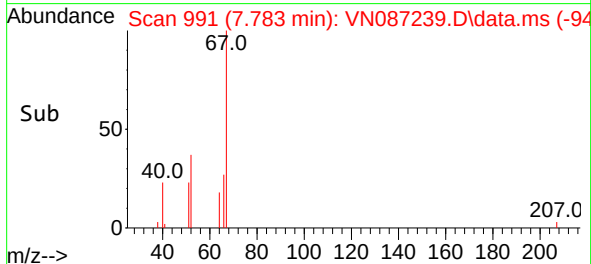
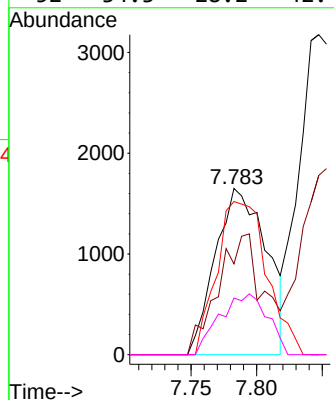
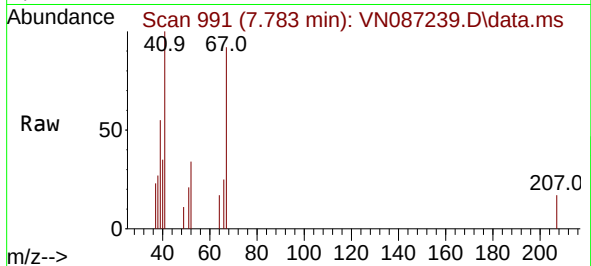




#41
Methacrylonitrile
Concen: 4.596 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

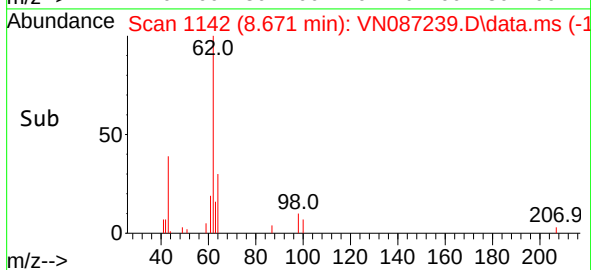
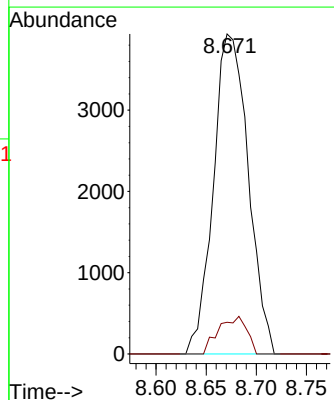
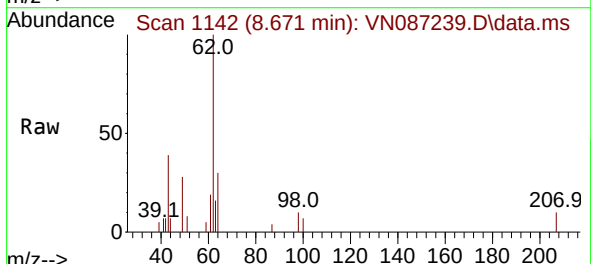
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

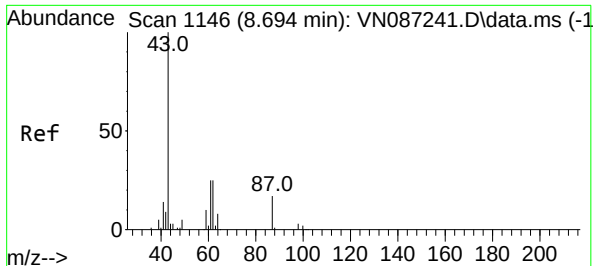
Tgt Ion: 41	Resp: 4482
Ion Ratio	Lower Upper
41 100	
39 64.3	46.4 69.6
67 90.1	70.8 106.2
52 34.3	28.2 42.4



#42
1,2-Dichloroethane
Concen: 4.873 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 62	Resp: 9527
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 19.8

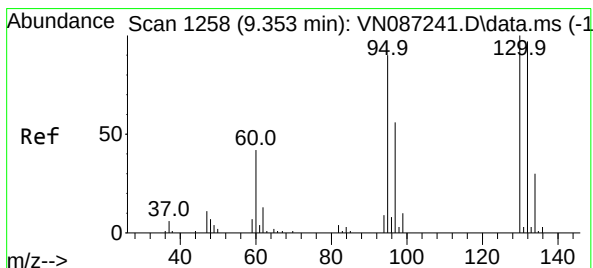
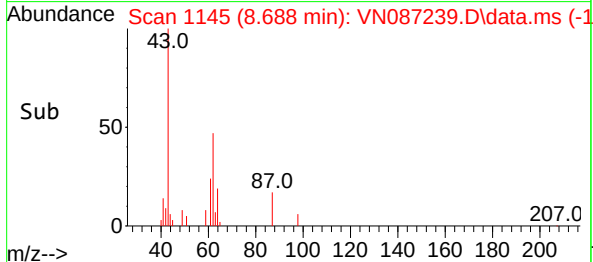
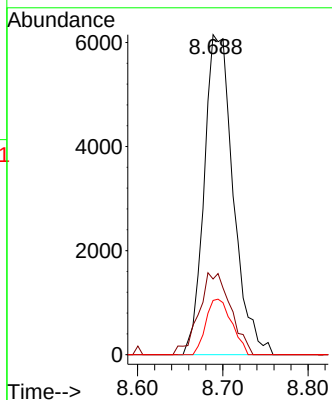
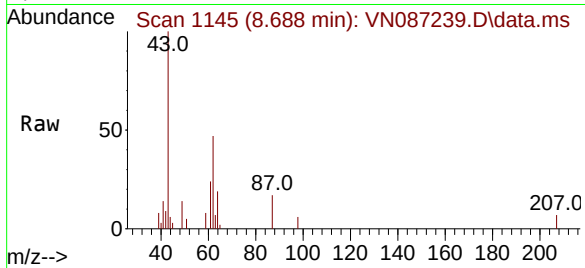




#43
Isopropyl Acetate
Concen: 4.600 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

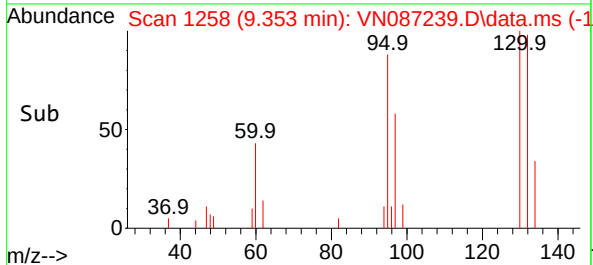
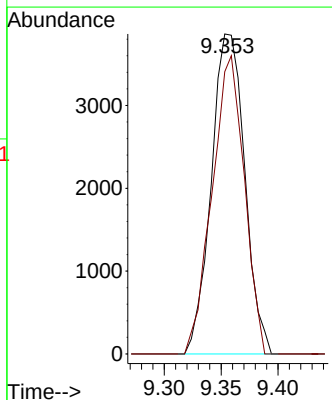
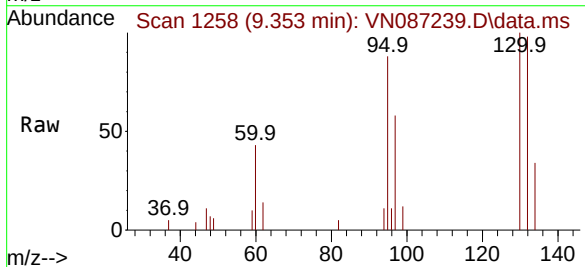
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

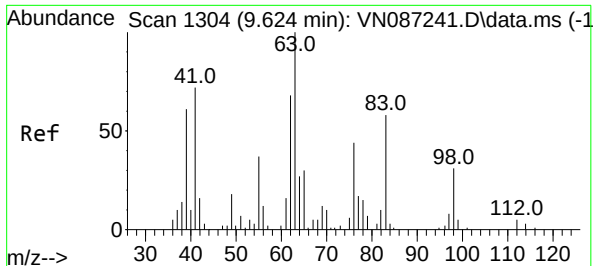
Tgt Ion: 43 Resp: 14551
Ion Ratio Lower Upper
43 100
61 28.0 22.4 33.6
87 15.3 12.8 19.2



#44
Trichloroethene
Concen: 5.068 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 130 Resp: 7916
Ion Ratio Lower Upper
130 100
95 88.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.676 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

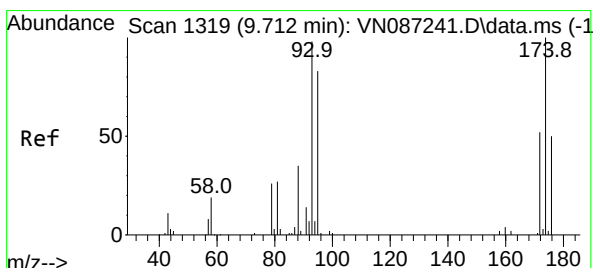
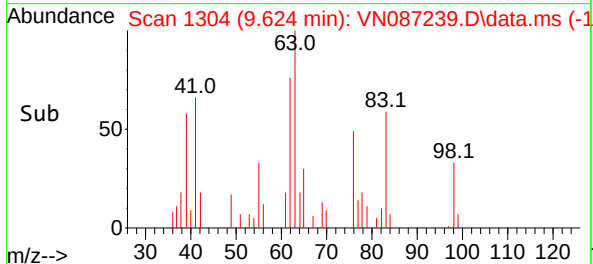
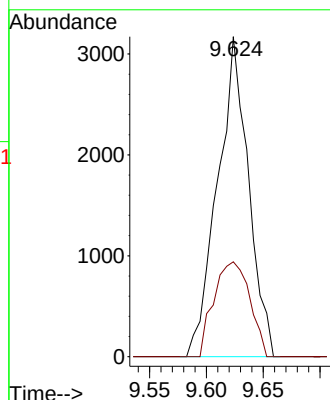
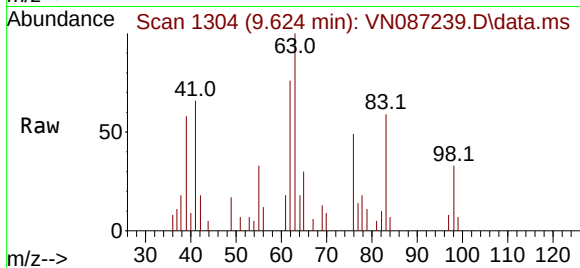
VSTDIC005

Tgt Ion: 63 Resp: 5993

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.8



#46

Dibromomethane

Concen: 4.674 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

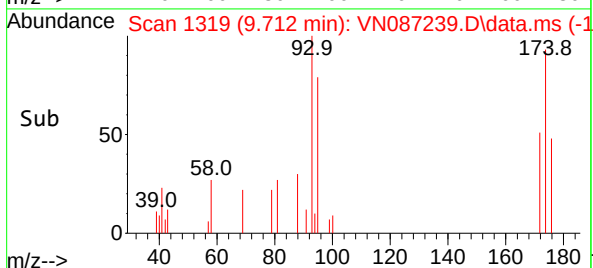
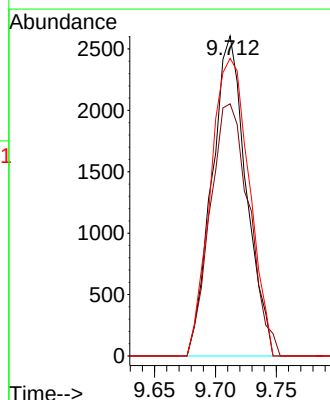
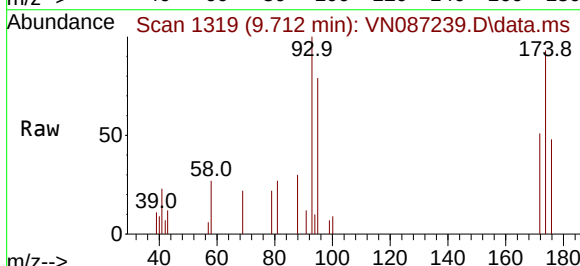
Tgt Ion: 93 Resp: 5096

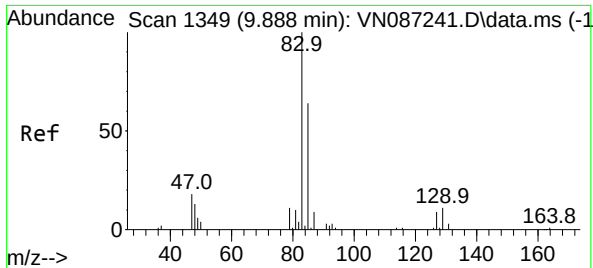
Ion Ratio Lower Upper

93 100

95 89.4 66.1 99.1

174 105.0 81.8 122.6

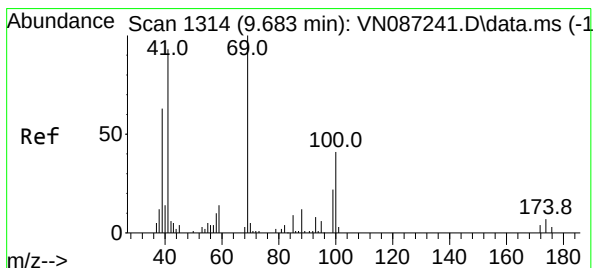
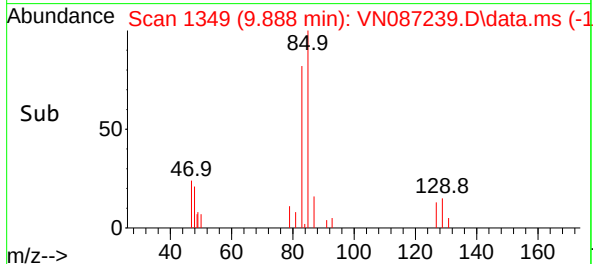
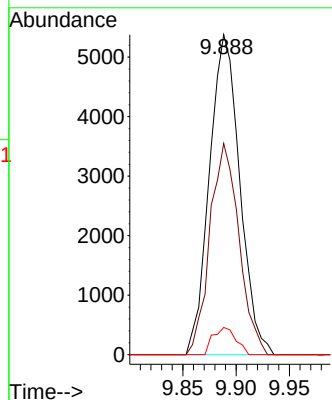
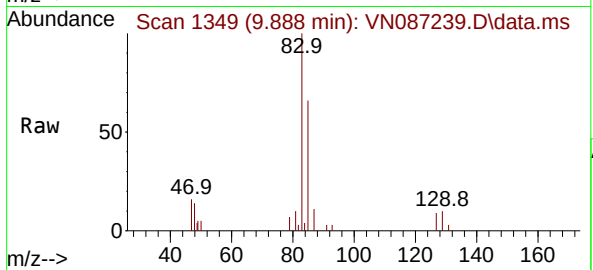




#47
Bromodichloromethane
Concen: 5.123 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

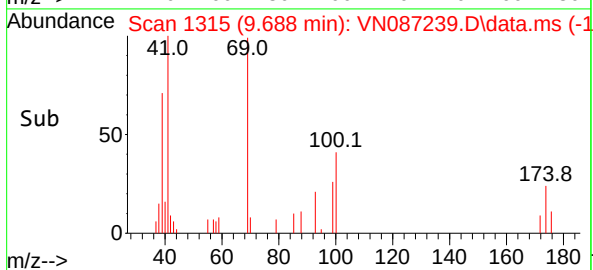
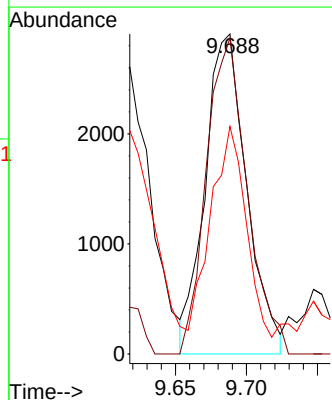
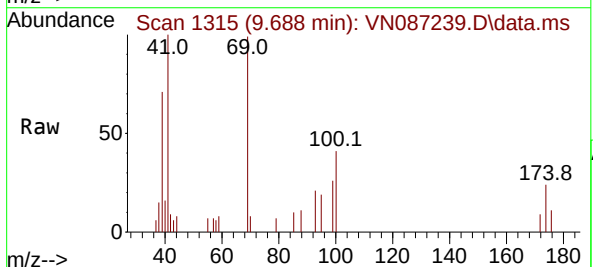
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

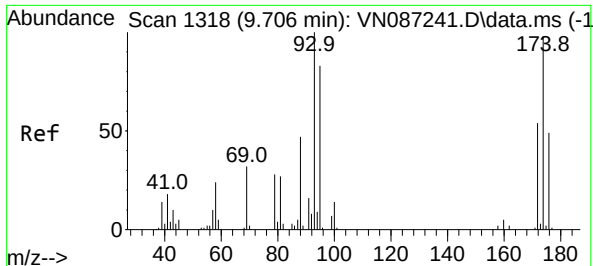
Tgt Ion: 83 Resp: 10653
Ion Ratio Lower Upper
83 100
85 66.0 51.2 76.8
127 8.5 7.0 10.4



#48
Methyl methacrylate
Concen: 4.433 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 41 Resp: 5910
Ion Ratio Lower Upper
41 100
69 97.1 81.4 122.2
39 58.3 56.9 85.3

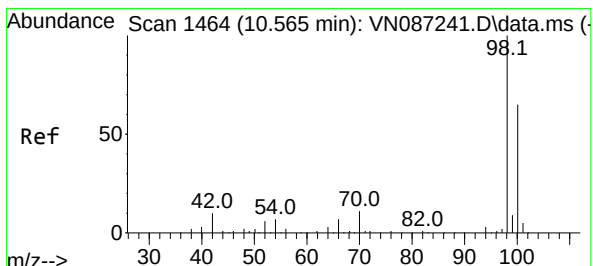
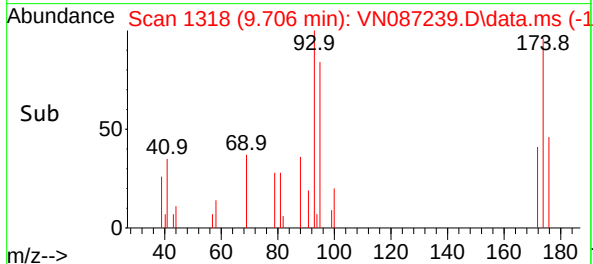
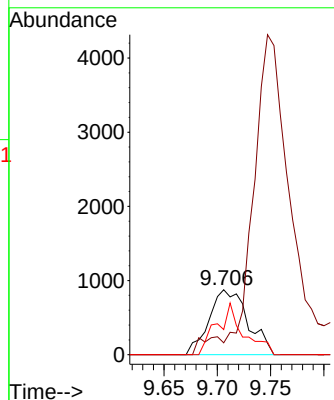
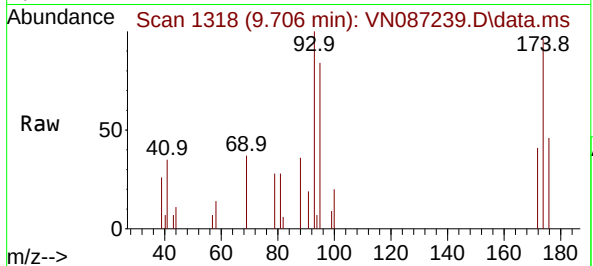




#49
1,4-Dioxane
Concen: 95.176 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

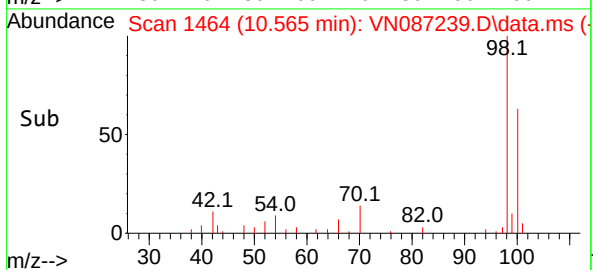
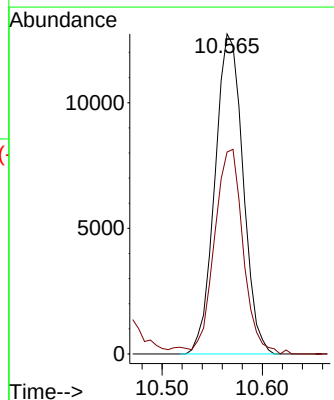
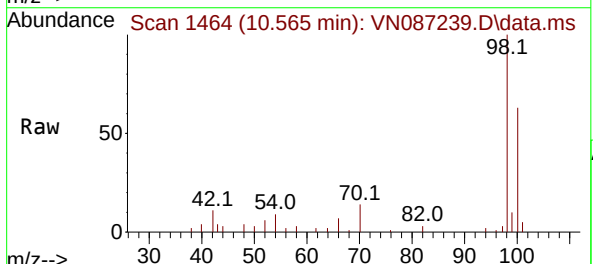
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

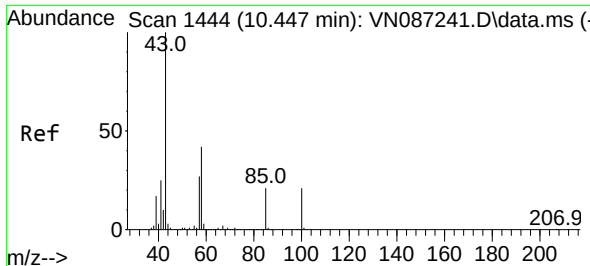
Tgt Ion: 88 Resp: 2216
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 54.6 47.8 71.8



#50
Toluene-d8
Concen: 4.554 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 98 Resp: 24770
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1

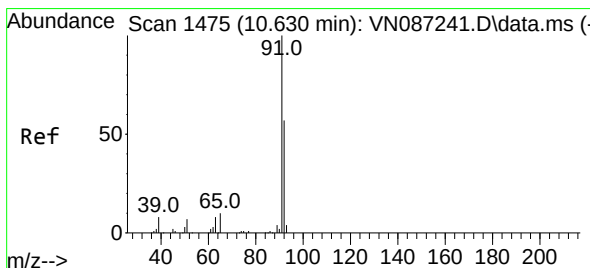
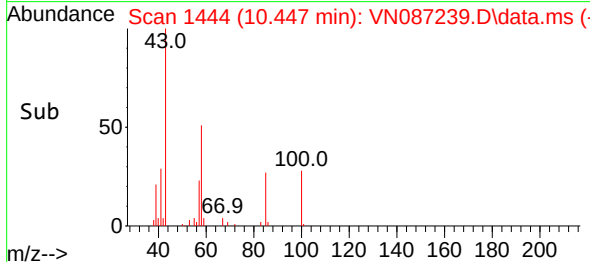
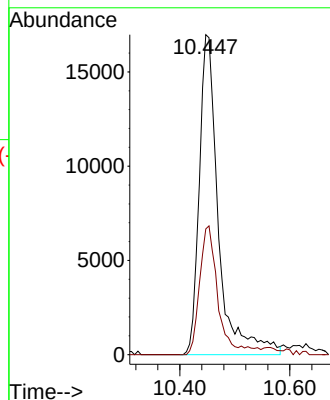
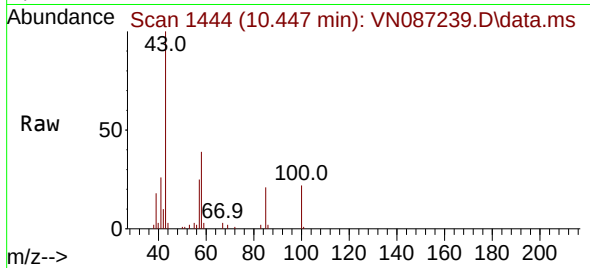




#51
4-Methyl-2-Pentanone
Concen: 21.210 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

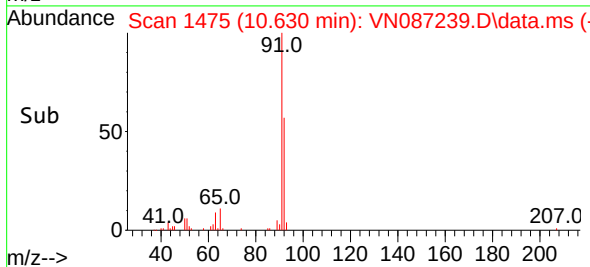
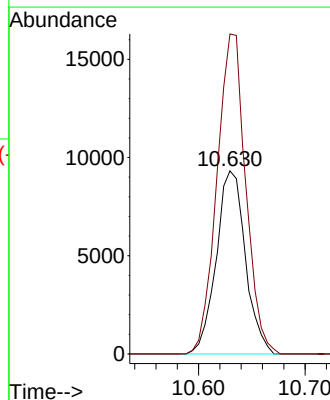
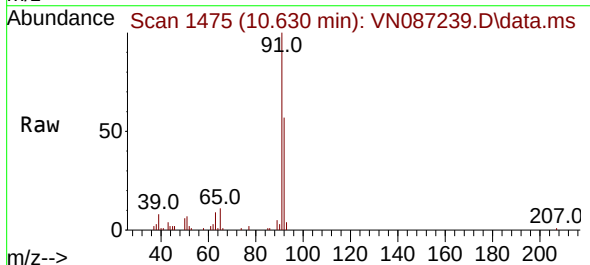
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

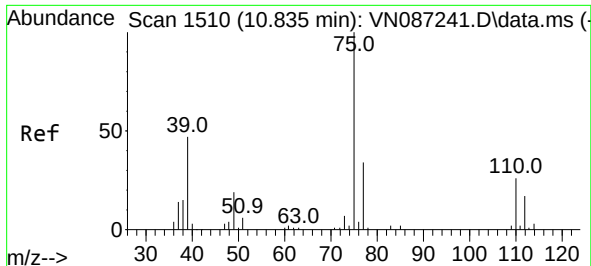
Tgt Ion: 43 Resp: 41051
Ion Ratio Lower Upper
43 100
58 36.8 34.2 51.2



#52
Toluene
Concen: 4.591 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 92 Resp: 17699
Ion Ratio Lower Upper
92 100
91 172.7 137.8 206.6

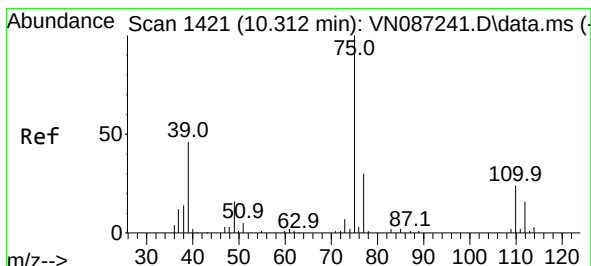
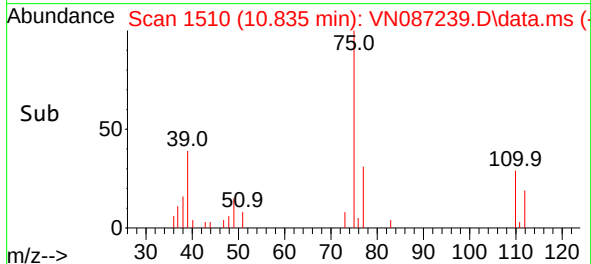
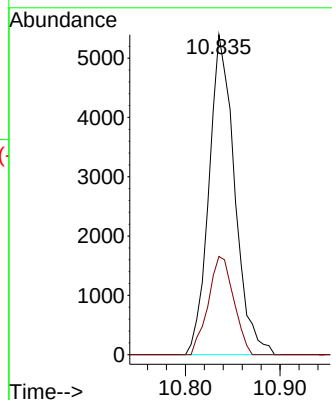
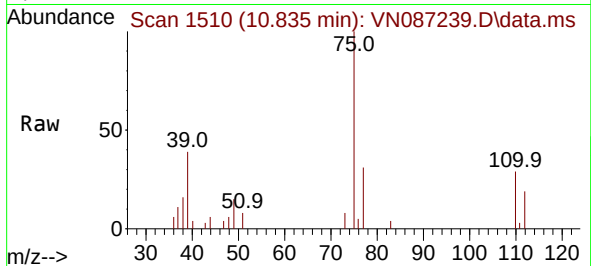




#53
 t-1,3-Dichloropropene
 Concen: 4.555 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

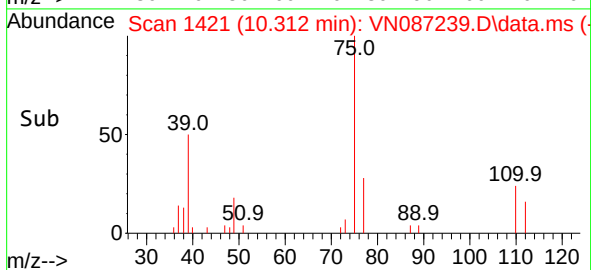
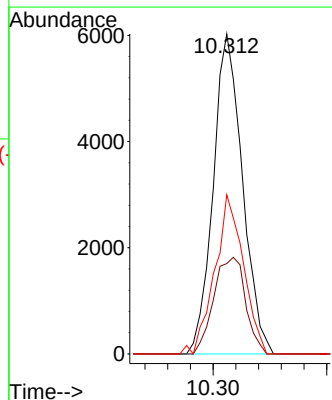
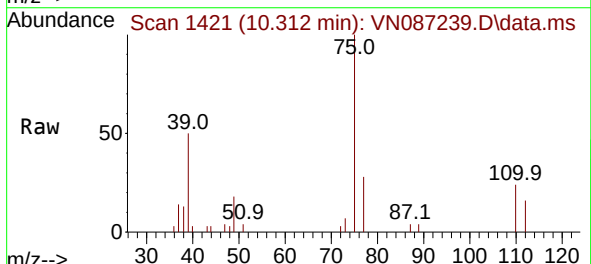
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

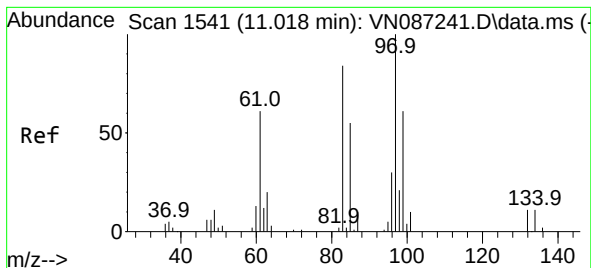
Tgt Ion: 75 Resp: 10159
 Ion Ratio Lower Upper
 75 100
 77 30.7 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 4.737 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

Tgt Ion: 75 Resp: 10766
 Ion Ratio Lower Upper
 75 100
 77 28.2 24.1 36.1
 39 49.7 36.7 55.1

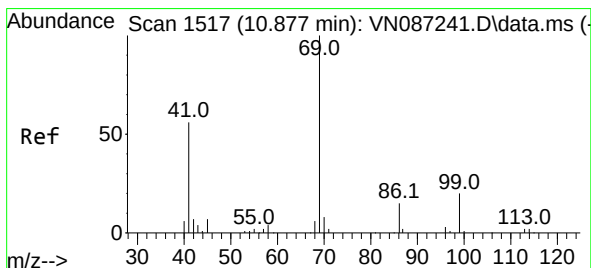
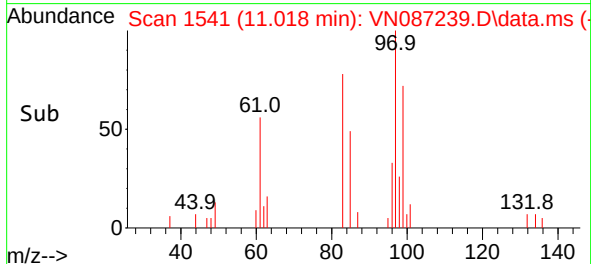
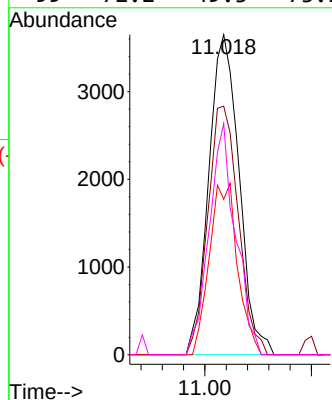
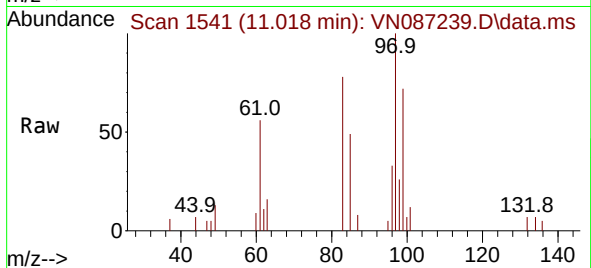




#55
1,1,2-Trichloroethane
Concen: 4.947 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

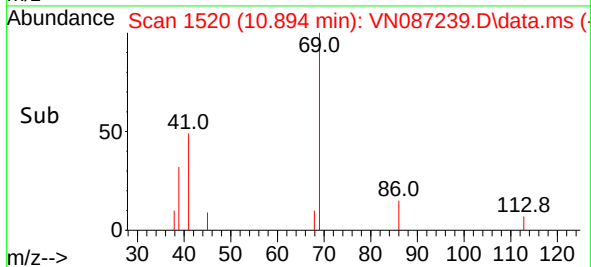
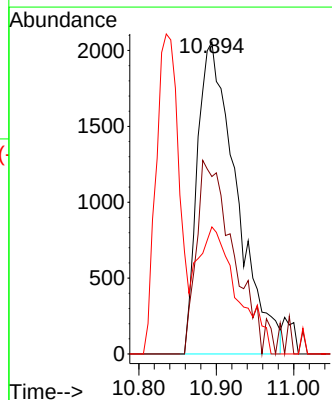
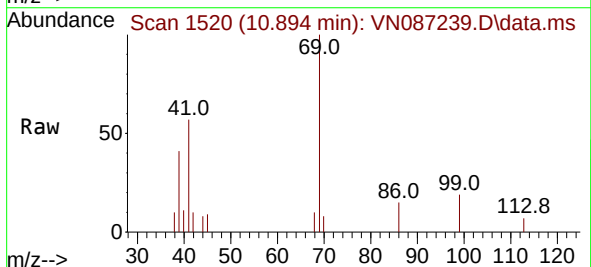
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

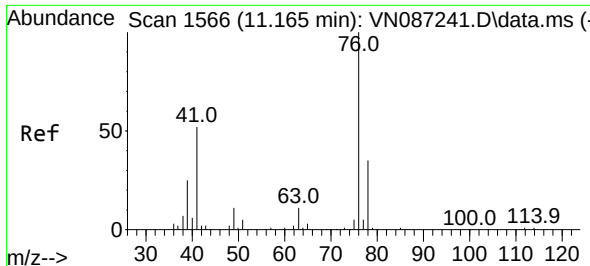
Tgt Ion:	97	Resp:	7205
Ion	Ratio	Lower	Upper
97	100		
83	77.7	67.4	101.2
85	48.5	43.6	65.4
99	72.2	49.3	73.9



#56
Ethyl methacrylate
Concen: 3.373 ug/l
RT: 10.894 min Scan# 1520
Delta R.T. 0.017 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:	69	Resp:	7198
Ion	Ratio	Lower	Upper
69	100		
41	57.1	44.2	66.4
39	41.6	29.5	44.3





#57

1,3-Dichloropropane

Concen: 4.808 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

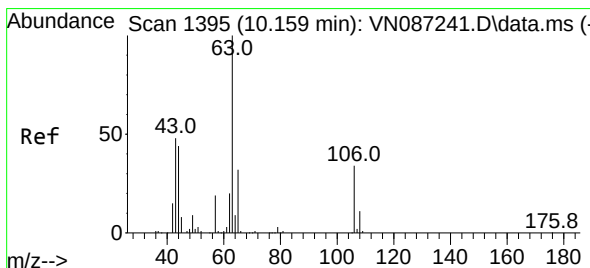
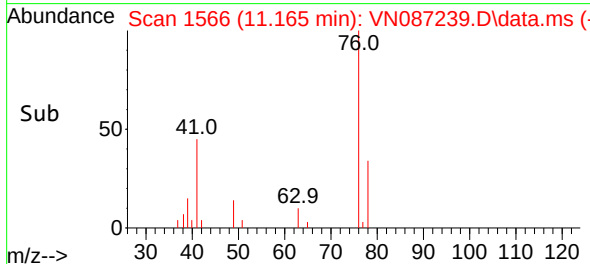
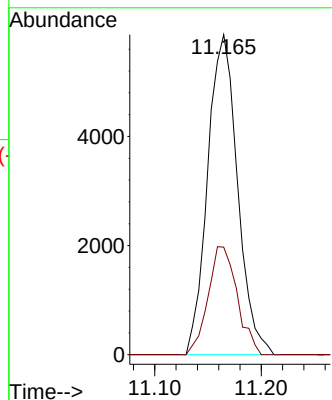
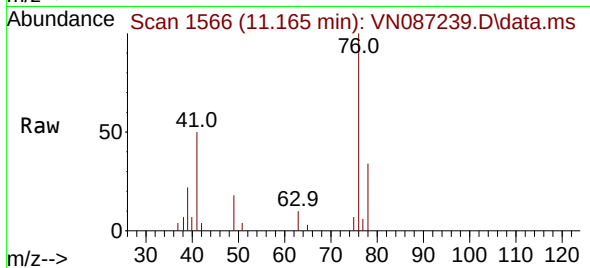
VSTDIC005

Tgt Ion: 76 Resp: 11429

Ion Ratio Lower Upper

76 100

78 32.9 27.1 40.7



#58

2-Chloroethyl Vinyl ether

Concen: 22.570 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN087239.D

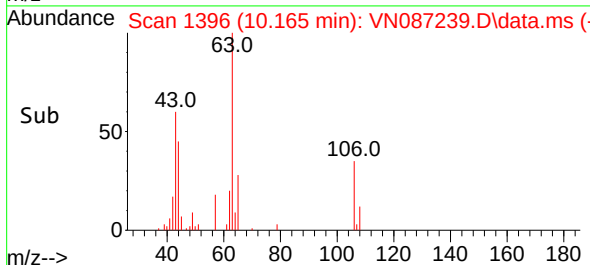
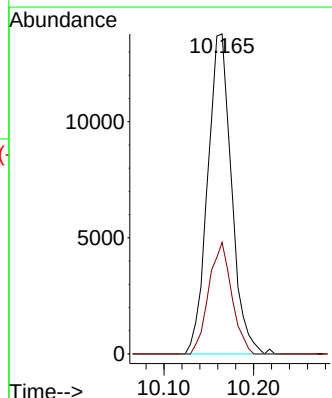
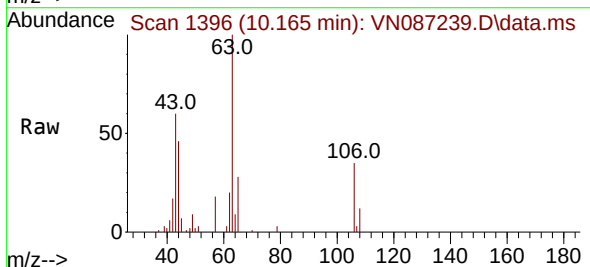
Acq: 30 Jun 2025 13:26

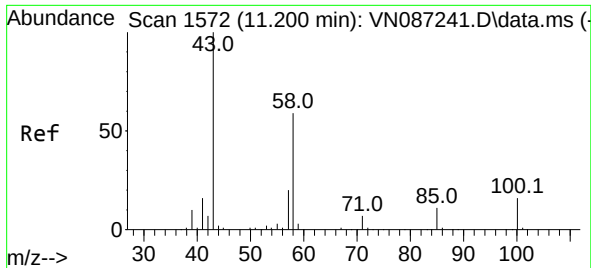
Tgt Ion: 63 Resp: 25452

Ion Ratio Lower Upper

63 100

106 33.6 26.9 40.3

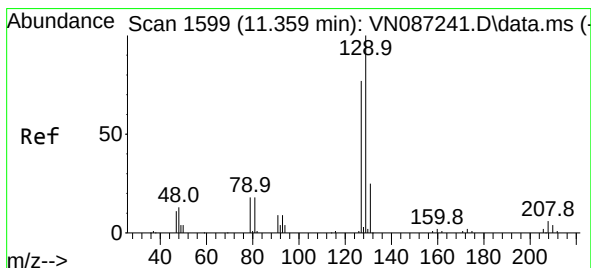
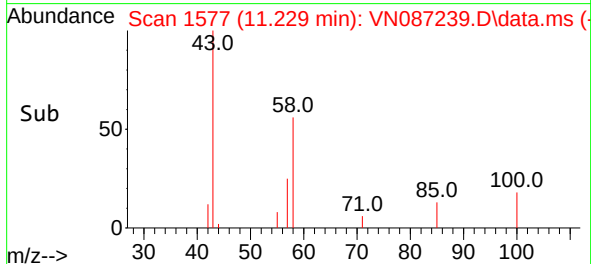
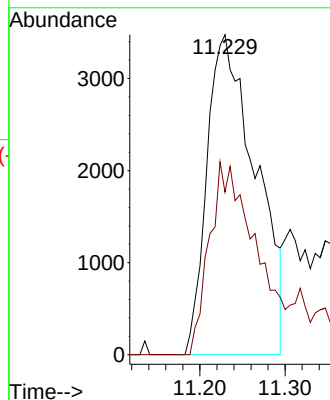
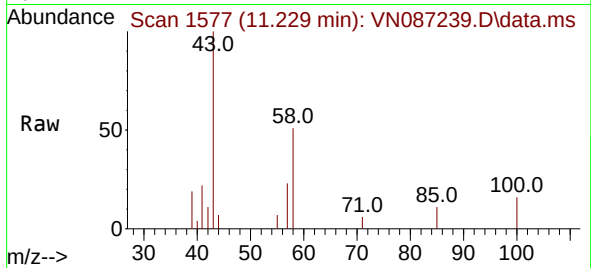




#59
2-Hexanone
Concen: 10.184 ug/l
RT: 11.229 min Scan# 1577
Delta R.T. 0.029 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

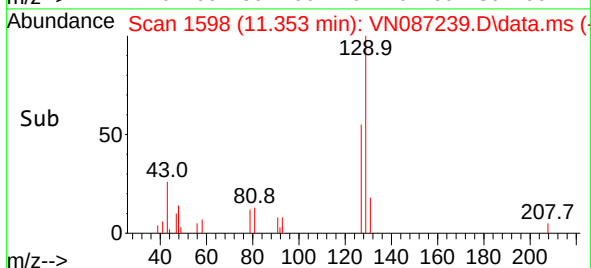
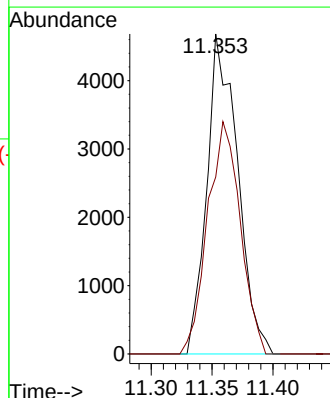
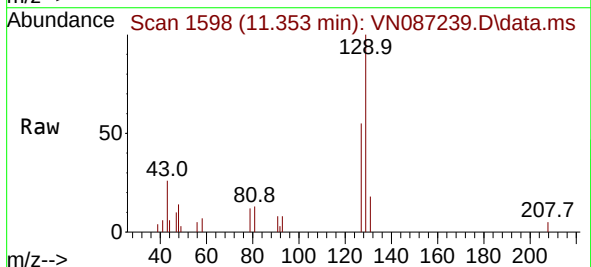
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

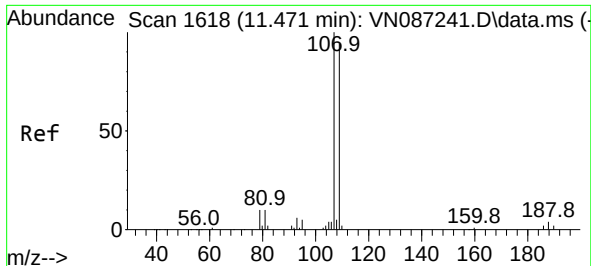
Tgt Ion: 43 Resp: 13832
Ion Ratio Lower Upper
43 100
58 57.1 31.1 93.3



#60
Dibromochloromethane
Concen: 4.778 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 129 Resp: 8203
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.9

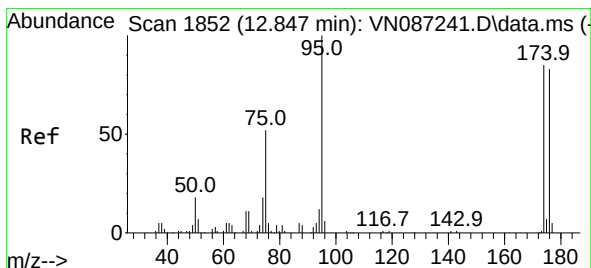
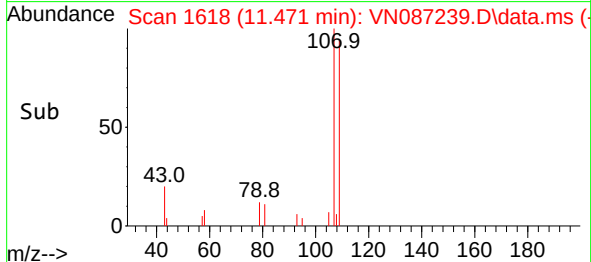
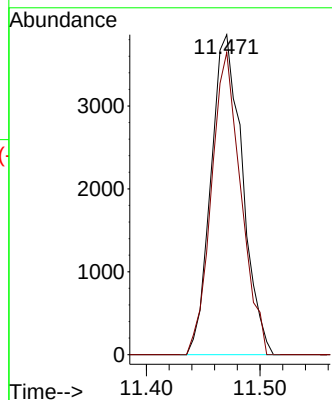
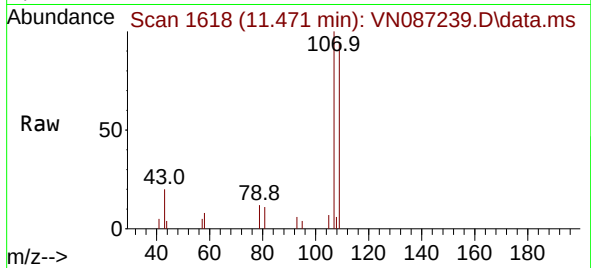




#61
1,2-Dibromoethane
Concen: 4.732 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

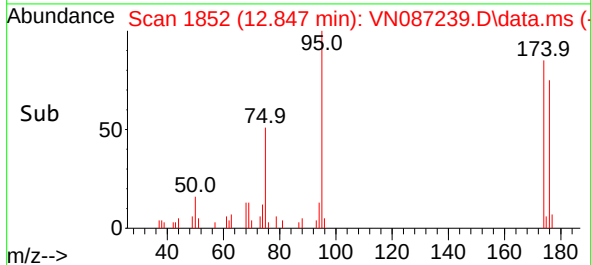
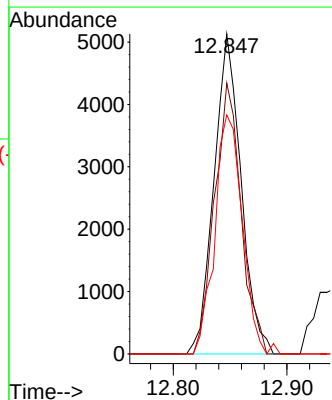
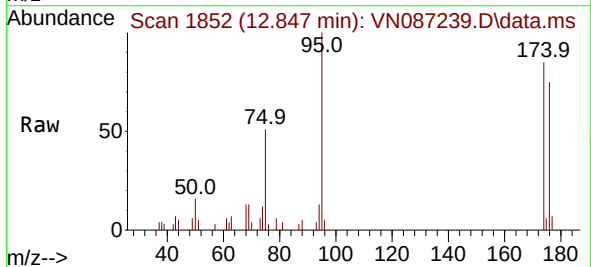
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

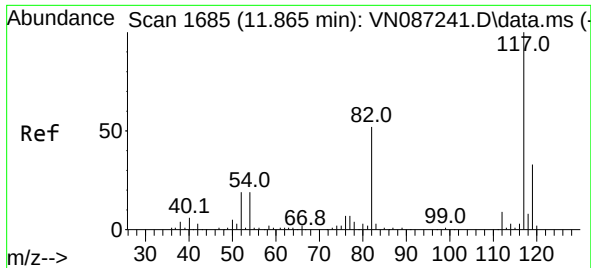
Tgt Ion:107 Resp: 7413
Ion Ratio Lower Upper
107 100
109 88.8 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 4.389 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 95 Resp: 8493
Ion Ratio Lower Upper
95 100
174 83.1 0.0 169.6
176 76.1 0.0 161.6

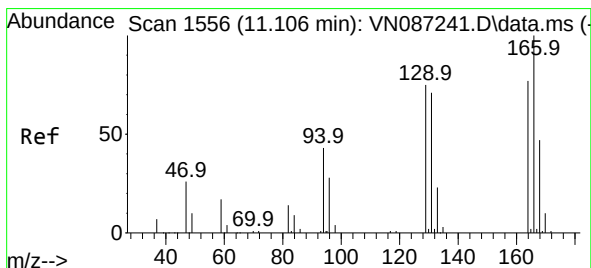
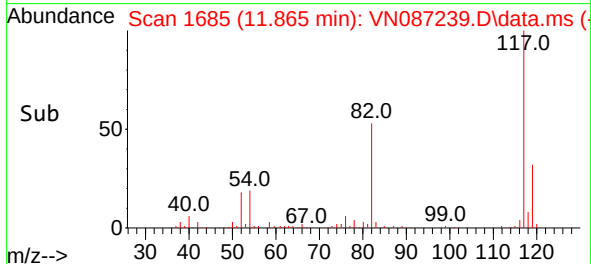
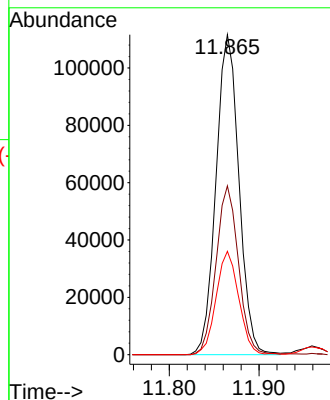
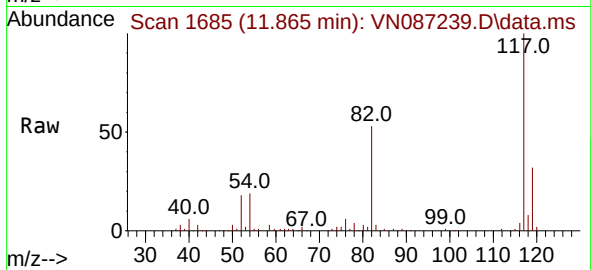




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

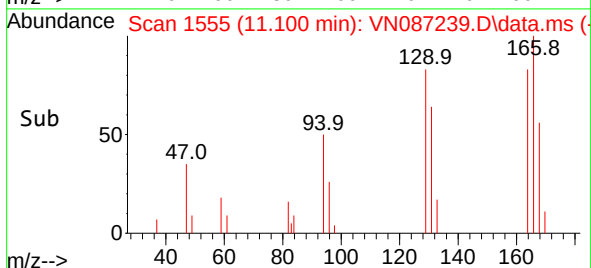
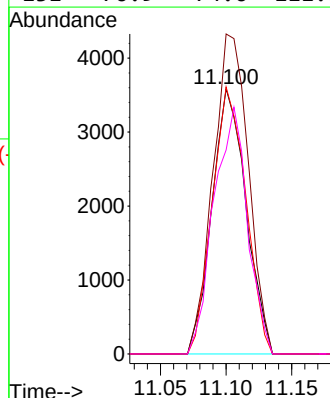
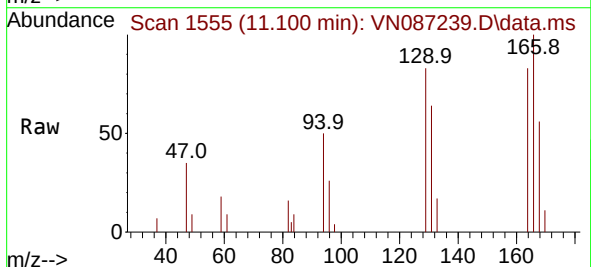
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

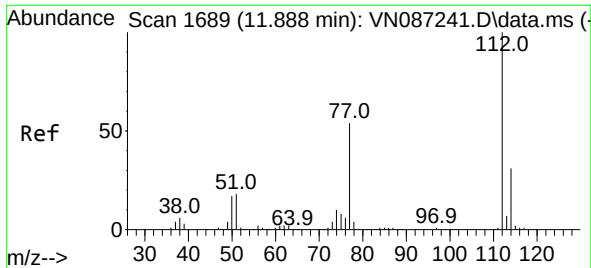
Tgt Ion:117 Resp: 198493
Ion Ratio Lower Upper
117 100
82 52.7 41.9 62.9
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 4.883 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:164 Resp: 6463
Ion Ratio Lower Upper
164 100
166 120.7 104.3 156.5
129 100.6 78.5 117.7
131 76.9 74.6 111.8

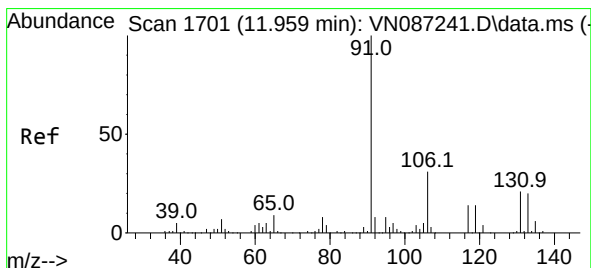
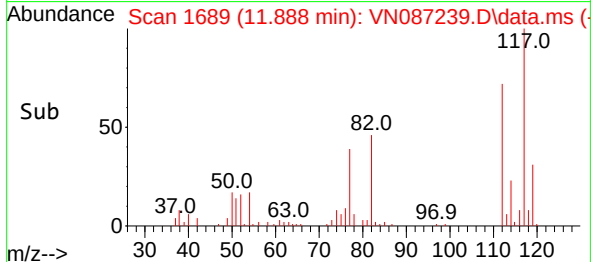
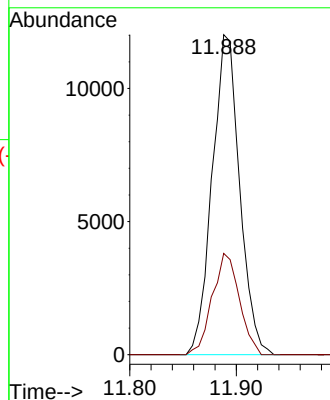
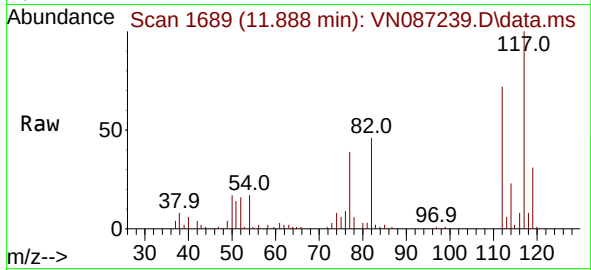




#65
Chlorobenzene
Concen: 4.824 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

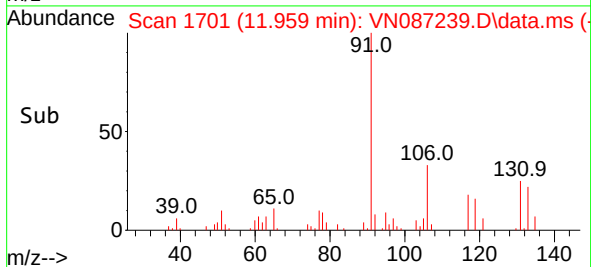
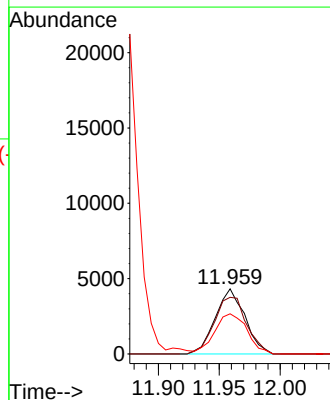
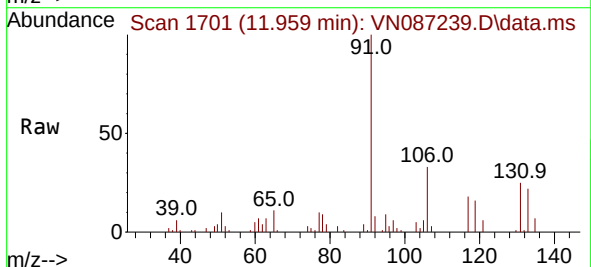
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

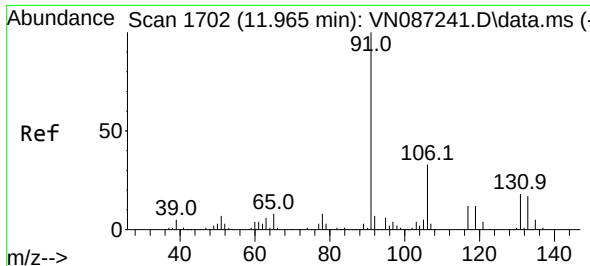
Tgt Ion:112 Resp: 21485
Ion Ratio Lower Upper
112 100
114 31.7 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.772 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:131 Resp: 7339
Ion Ratio Lower Upper
131 100
133 95.0 47.2 141.6
119 67.1 32.4 97.2

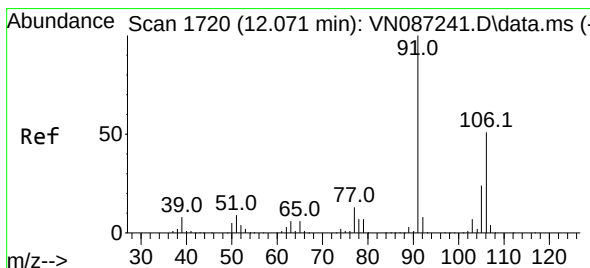
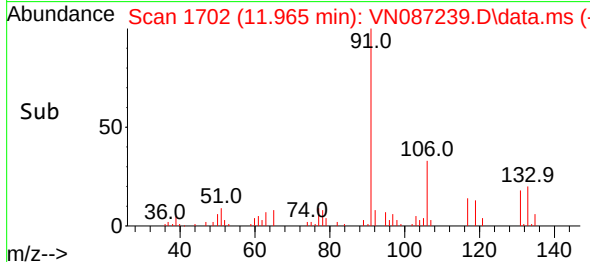
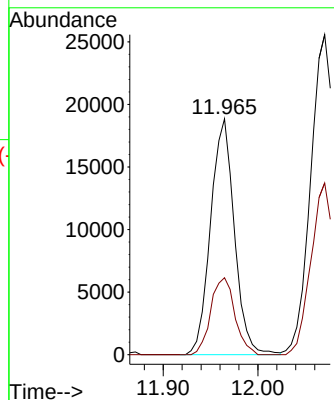
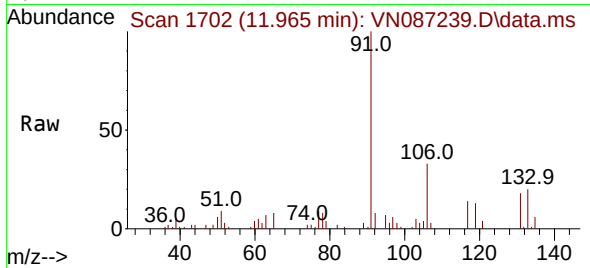




#67
Ethyl Benzene
Concen: 4.568 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

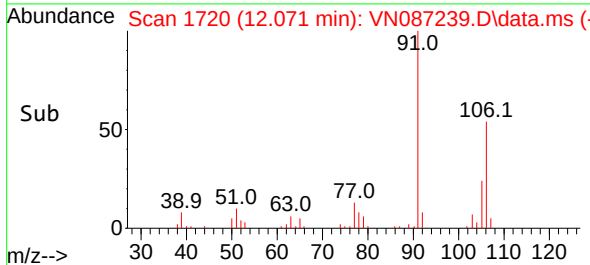
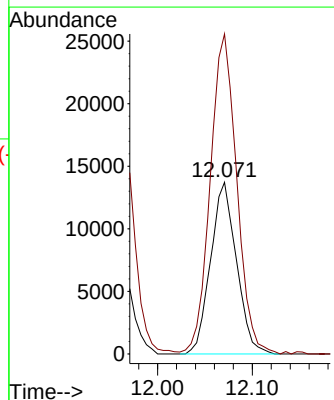
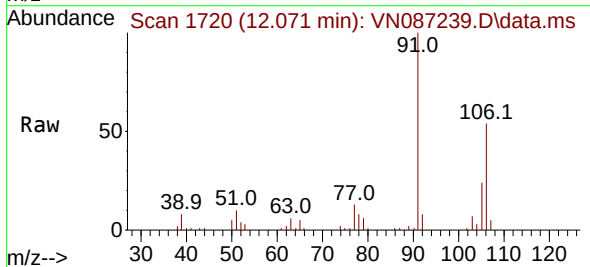
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

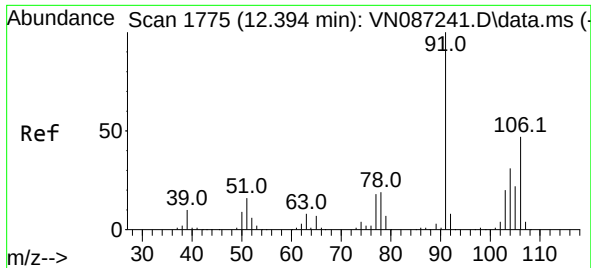
Tgt Ion: 91 Resp: 32924
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.4



#68
m/p-Xylenes
Concen: 9.037 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 106 Resp: 26022
Ion Ratio Lower Upper
106 100
91 191.0 158.2 237.2

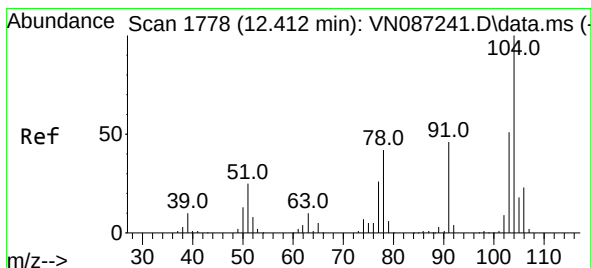
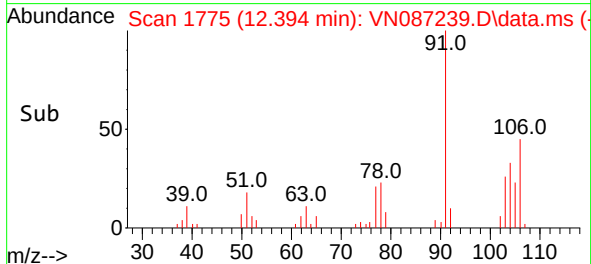
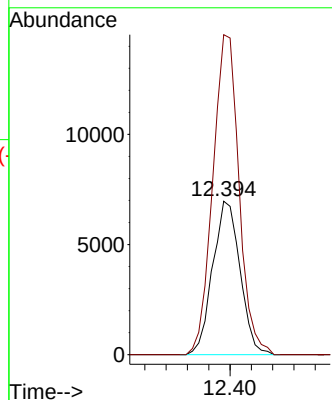
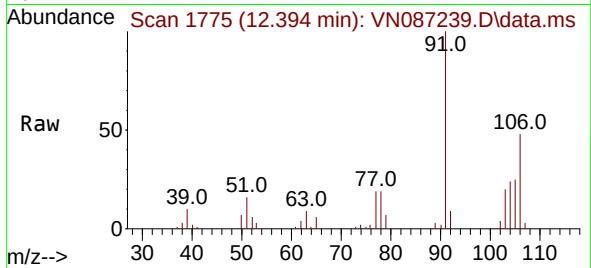




#69
o-Xylene
Concen: 4.607 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

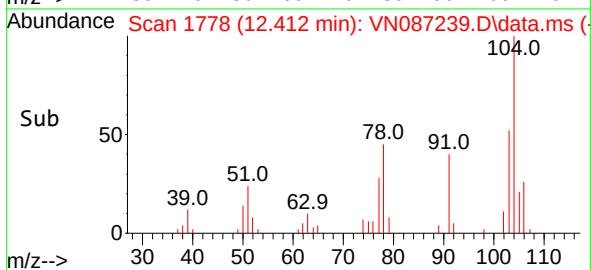
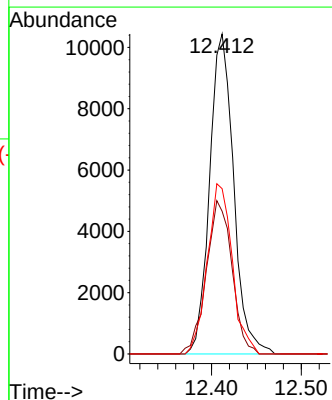
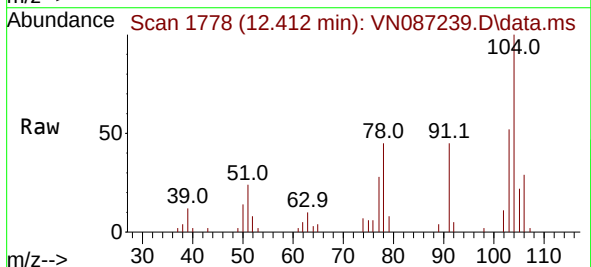
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

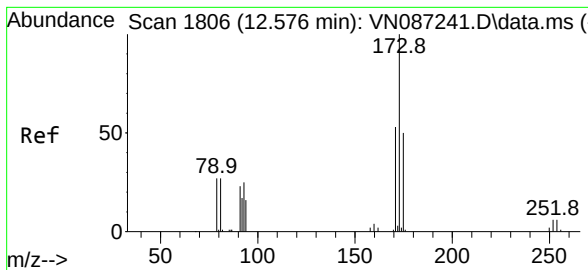
Tgt Ion:106 Resp: 12410
Ion Ratio Lower Upper
106 100
91 199.7 105.4 316.1



#70
Styrene
Concen: 4.241 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:104 Resp: 19413
Ion Ratio Lower Upper
104 100
78 51.0 37.6 56.4
103 55.0 44.0 66.0

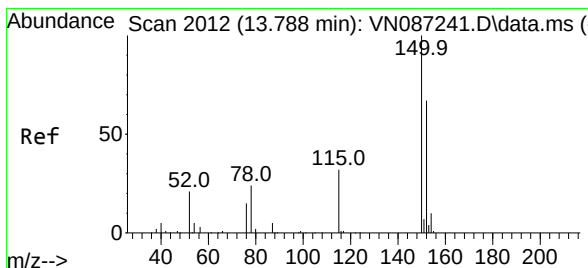
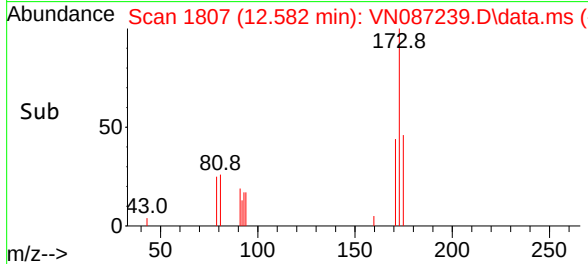
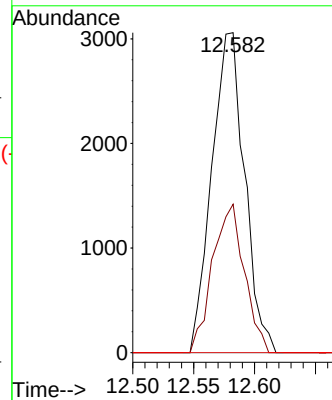
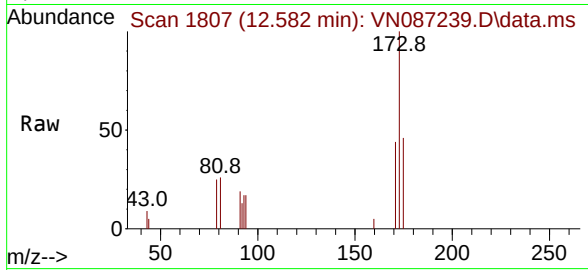




#71
Bromoform
Concen: 4.828 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

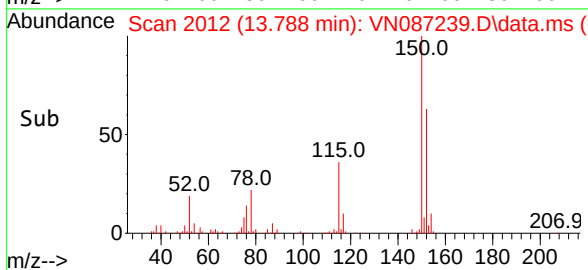
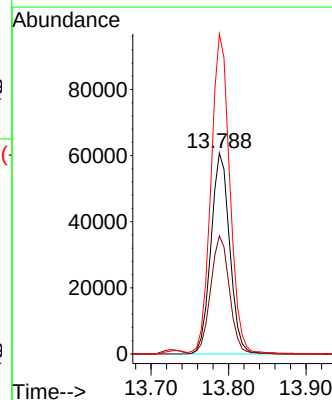
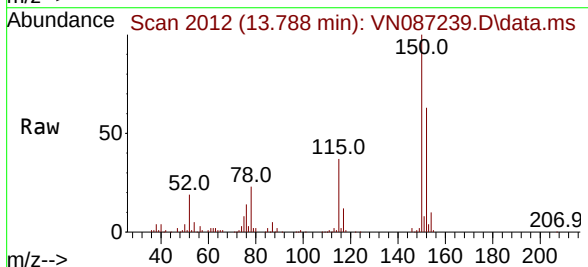
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

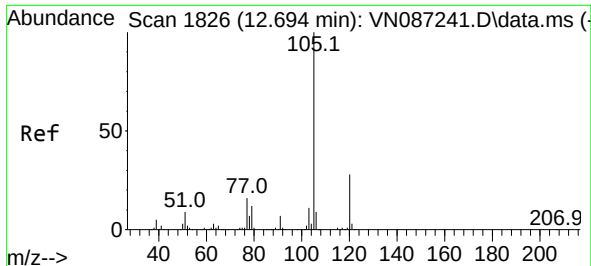
Tgt Ion:173 Resp: 5728
Ion Ratio Lower Upper
173 100
175 45.0 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:152 Resp: 101953
Ion Ratio Lower Upper
152 100
115 59.1 28.3 84.9
150 160.6 0.0 344.6

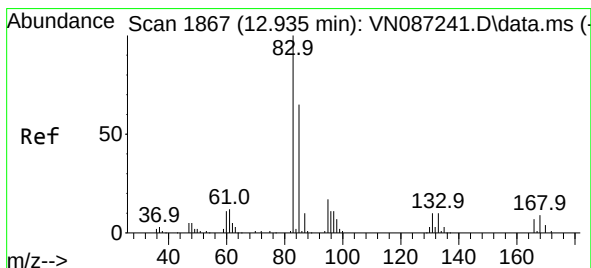
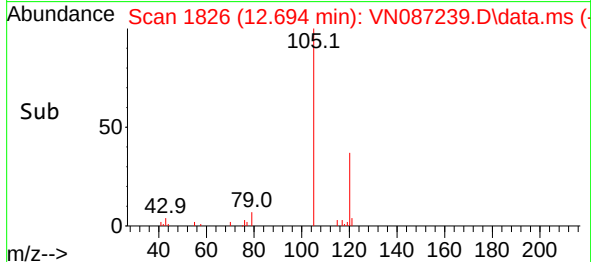
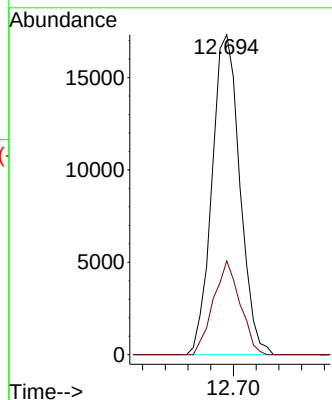
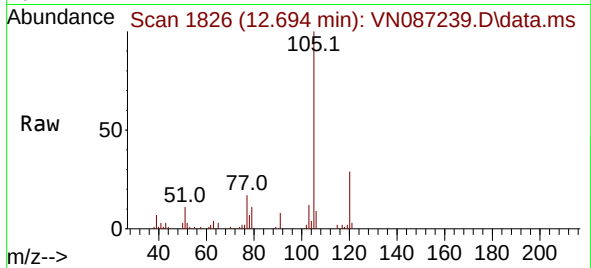




#73
Isopropylbenzene
Concen: 4.491 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

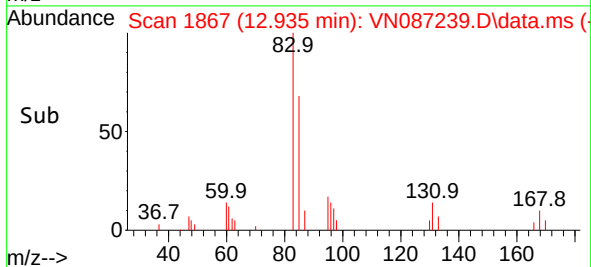
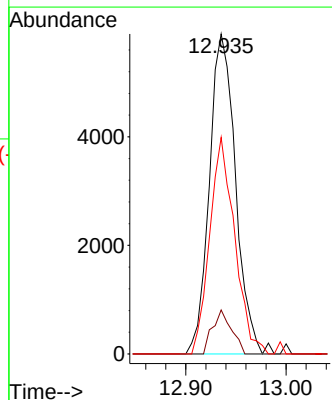
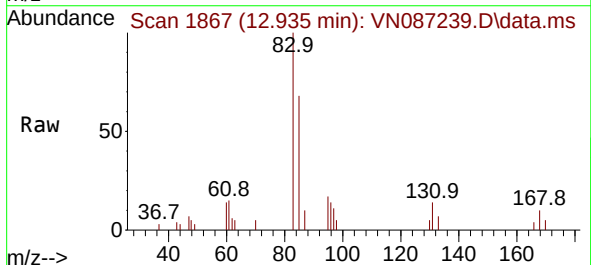
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

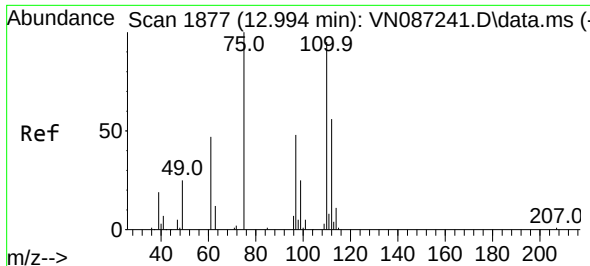
Tgt Ion:105 Resp: 29505
Ion Ratio Lower Upper
105 100
120 28.2 13.9 41.6



#75
1,1,2,2-Tetrachloroethane
Concen: 4.947 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 83 Resp: 10690
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 64.6 32.2 96.6

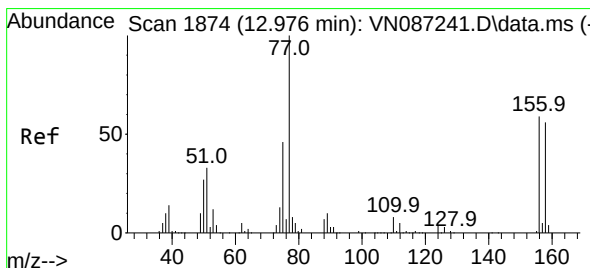
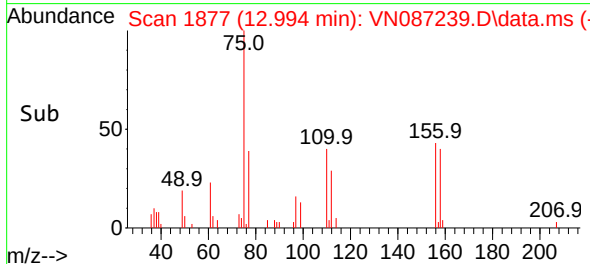
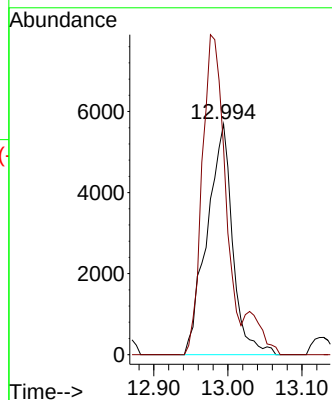
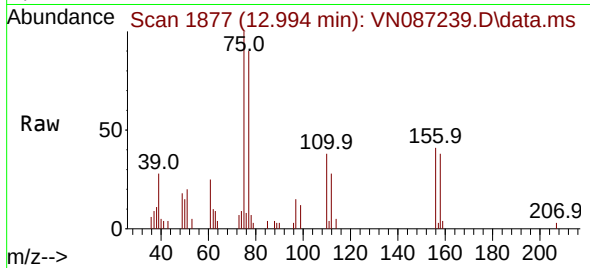




#76
1,2,3-Trichloropropane
Concen: 6.978 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

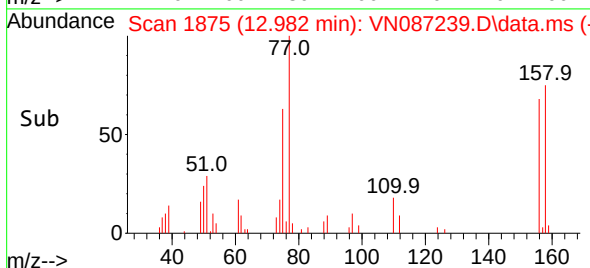
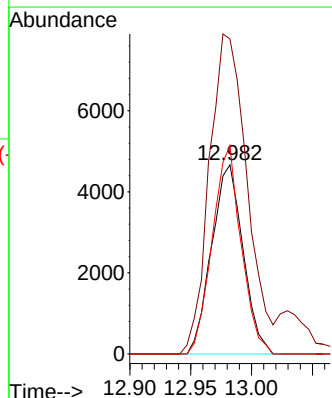
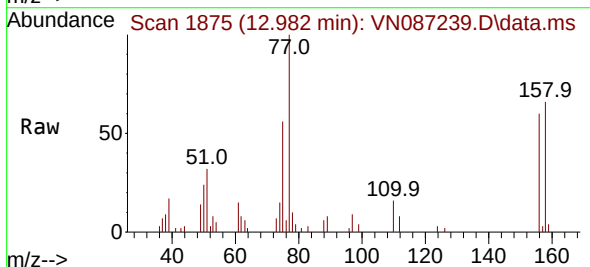
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

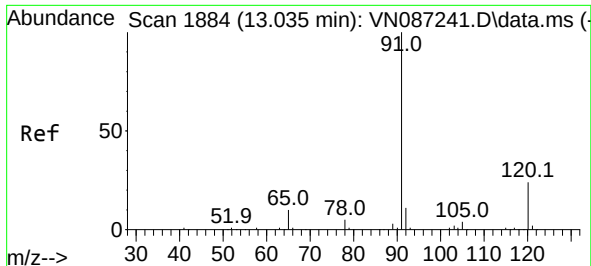
Tgt Ion: 75 Resp: 13645
Ion Ratio Lower Upper
75 100
77 124.3 82.0 245.8



#77
Bromobenzene
Concen: 4.894 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 156 Resp: 8392
Ion Ratio Lower Upper
156 100
77 202.0 98.0 294.1
158 101.1 47.7 143.1

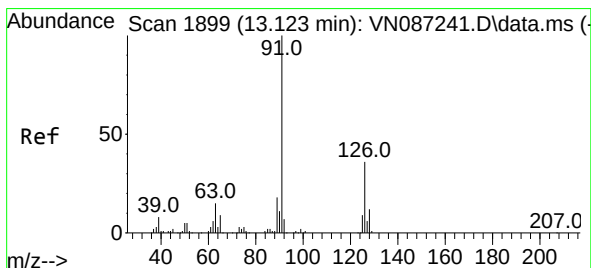
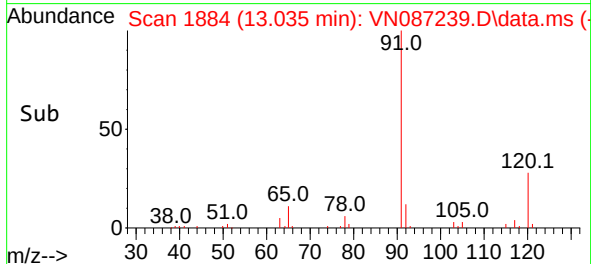
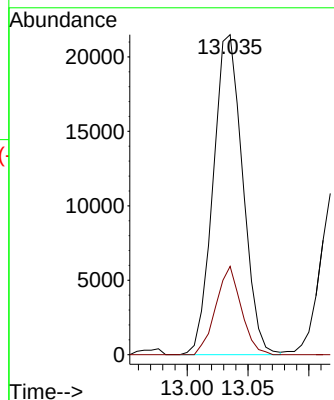
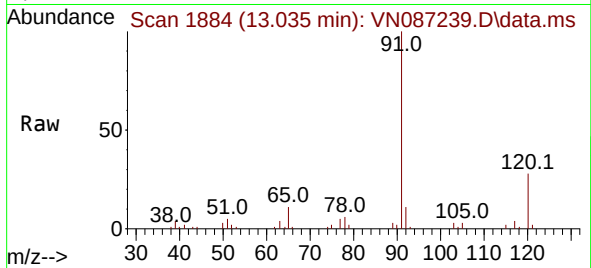




#78
n-propylbenzene
Concen: 4.573 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

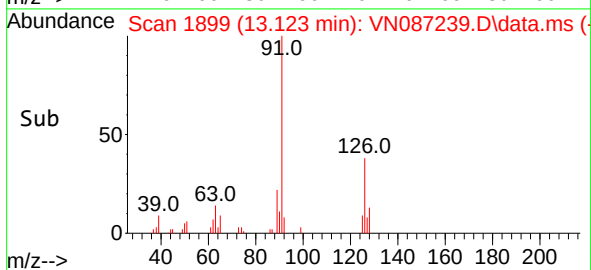
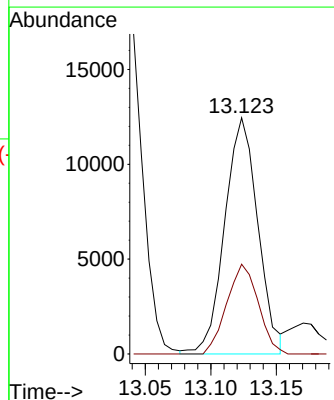
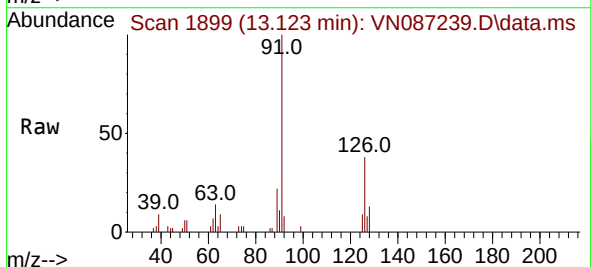
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

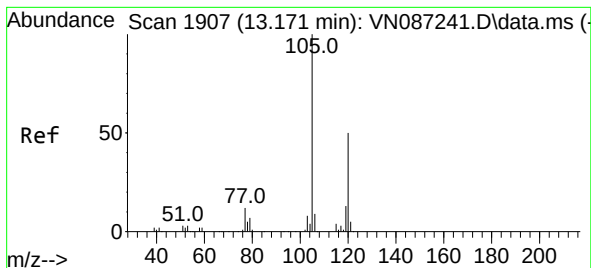
Tgt Ion: 91 Resp: 36288
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.0



#79
2-Chlorotoluene
Concen: 4.640 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 91 Resp: 21914
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.3





#80

1,3,5-Trimethylbenzene

Concen: 4.584 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

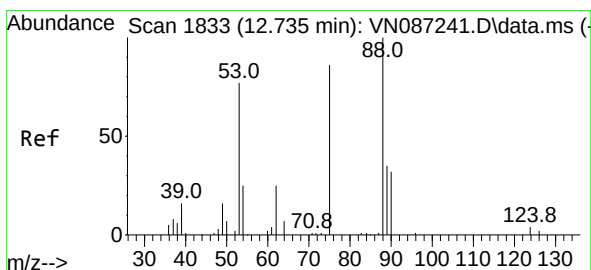
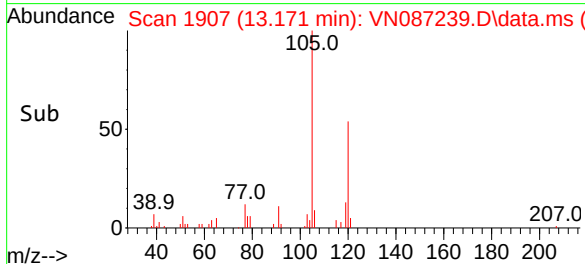
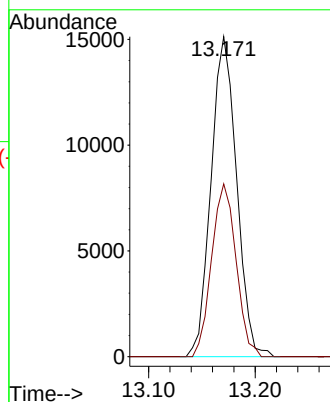
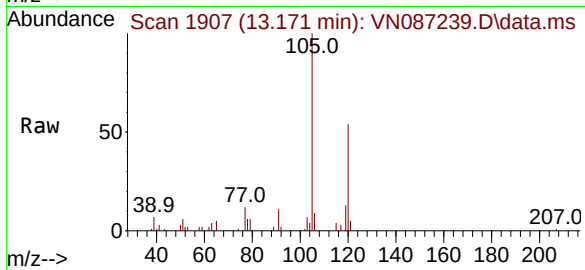
VSTDIC005

Tgt Ion:105 Resp: 25170

Ion Ratio Lower Upper

105 100

120 51.7 25.3 75.8



#81

trans-1,4-Dichloro-2-butene

Concen: 4.348 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

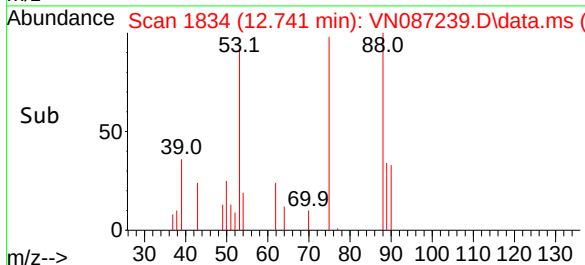
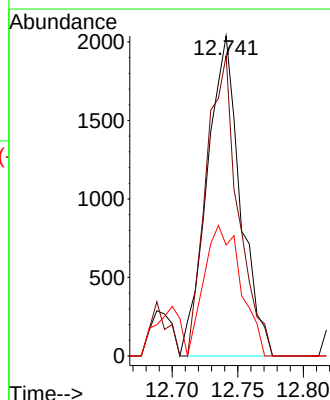
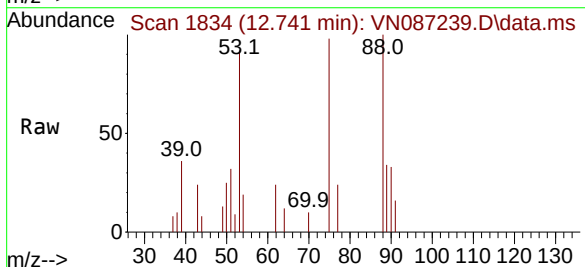
Tgt Ion: 75 Resp: 3590

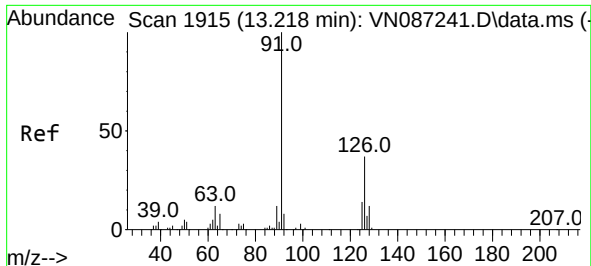
Ion Ratio Lower Upper

75 100

53 90.7 70.6 105.8

89 45.4 36.1 54.1

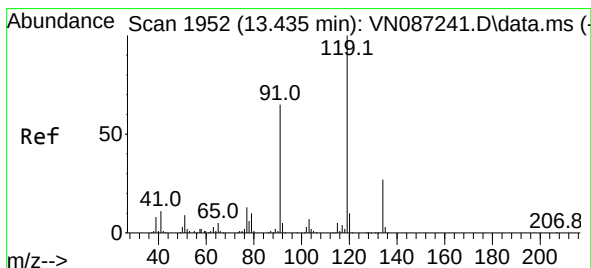
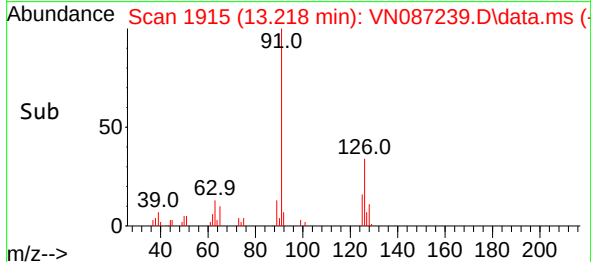
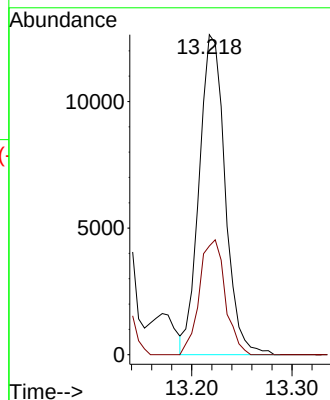
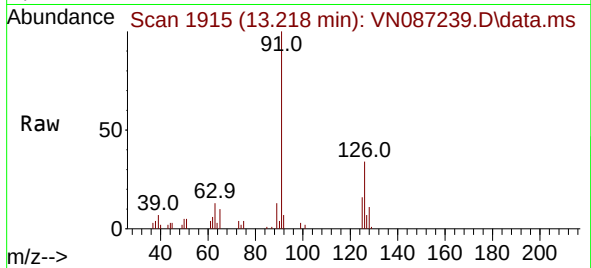




#82
4-Chlorotoluene
Concen: 4.599 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

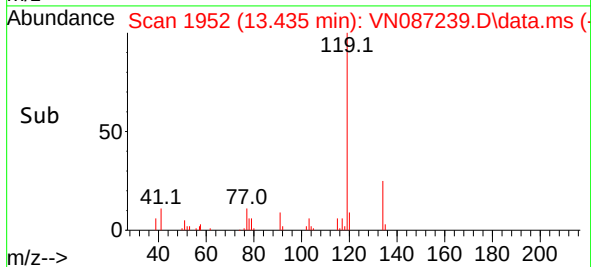
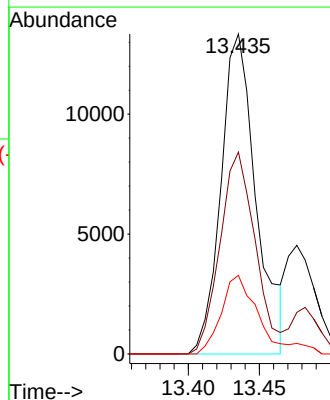
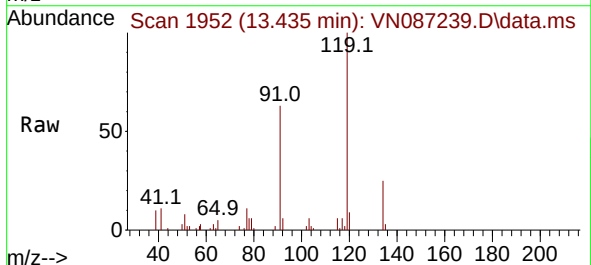
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

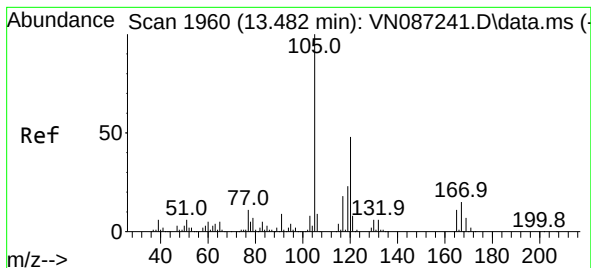
Tgt Ion: 91 Resp: 22736
Ion Ratio Lower Upper
91 100
126 35.7 18.2 54.6



#83
tert-Butylbenzene
Concen: 4.787 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion: 119 Resp: 23030
Ion Ratio Lower Upper
119 100
91 63.2 32.5 97.4
134 26.4 14.2 42.8





#84

1,2,4-Trimethylbenzene

Concen: 4.413 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

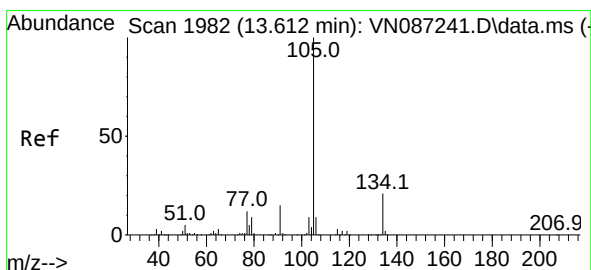
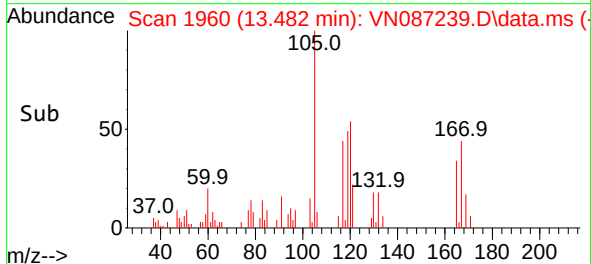
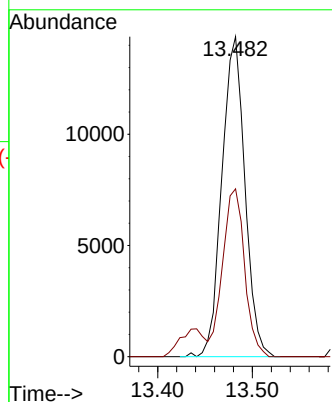
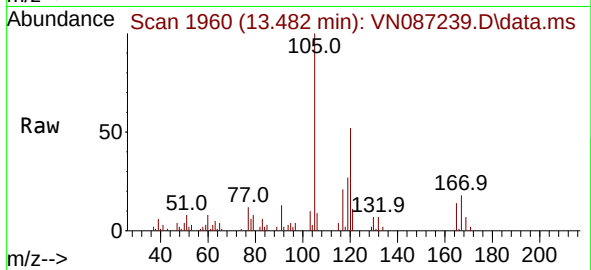
VSTDIC005

Tgt Ion:105 Resp: 24274

Ion Ratio Lower Upper

105 100

120 50.2 23.3 69.9



#85

sec-Butylbenzene

Concen: 4.551 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN087239.D

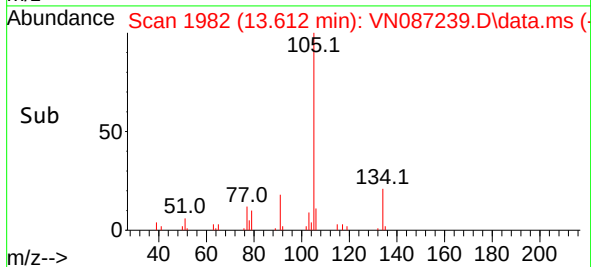
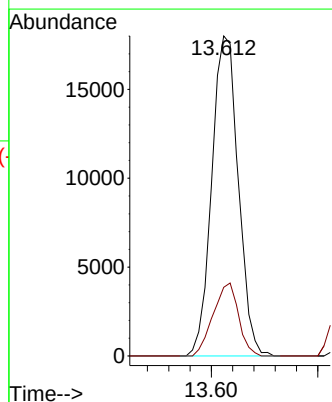
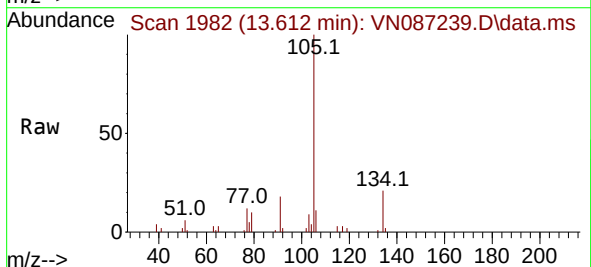
Acq: 30 Jun 2025 13:26

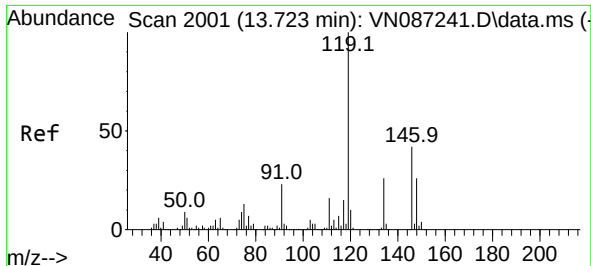
Tgt Ion:105 Resp: 31033

Ion Ratio Lower Upper

105 100

134 21.8 10.4 31.4

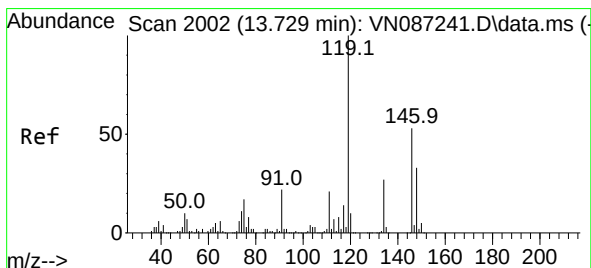
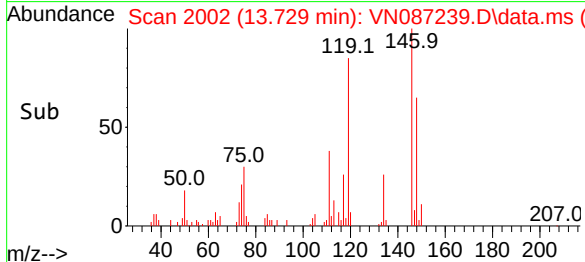
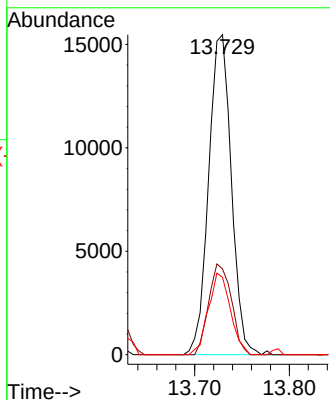
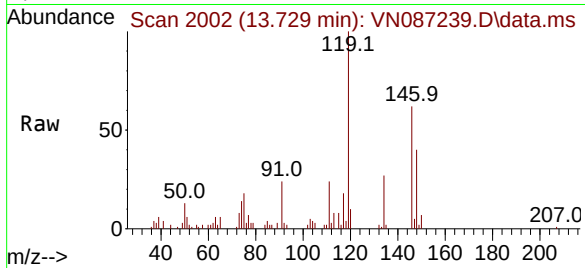




#86
p-Isopropyltoluene
Concen: 4.399 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

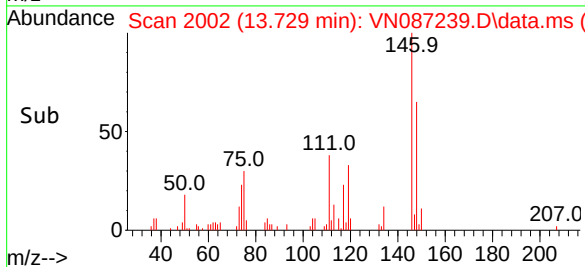
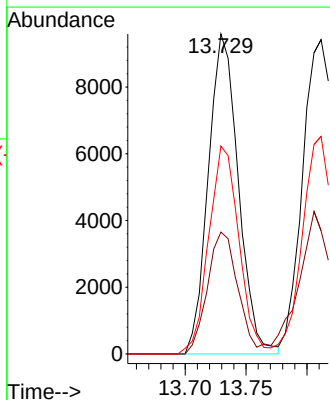
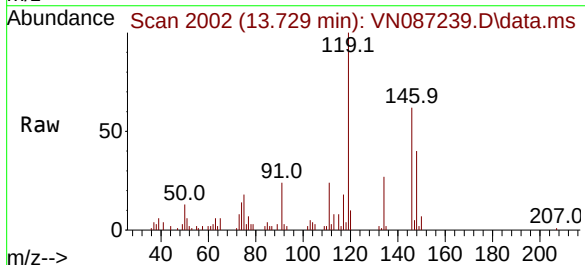
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

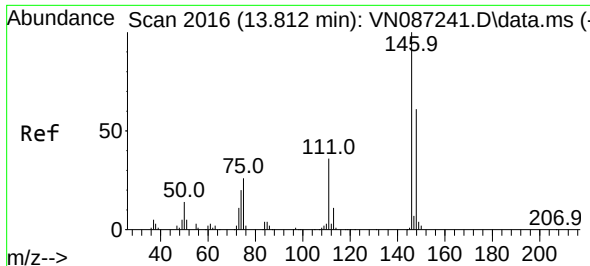
Tgt Ion:	119	Resp:	25785
Ion	Ratio	Lower	Upper
119	100		
134	28.3	13.3	39.8
91	24.8	11.3	33.9



#87
1,3-Dichlorobenzene
Concen: 4.813 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:	146	Resp:	16437
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.4
148	65.6	32.0	96.0

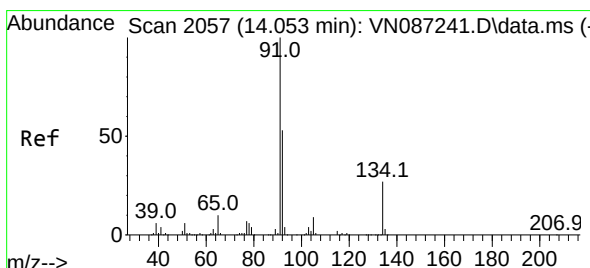
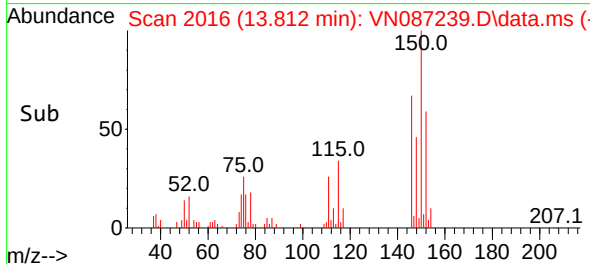
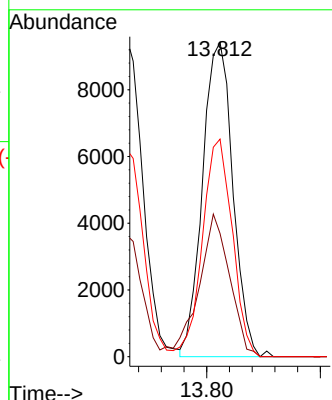
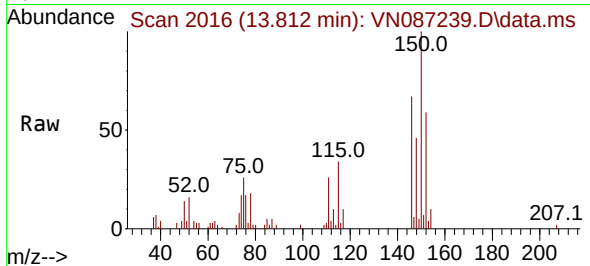




#88
 1,4-Dichlorobenzene
 Concen: 4.903 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

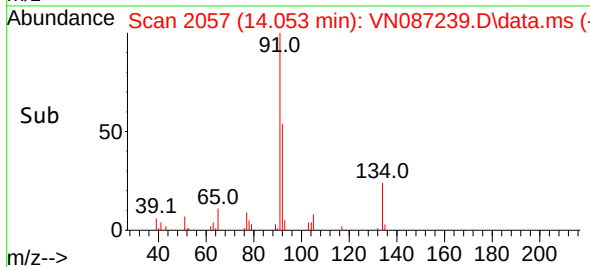
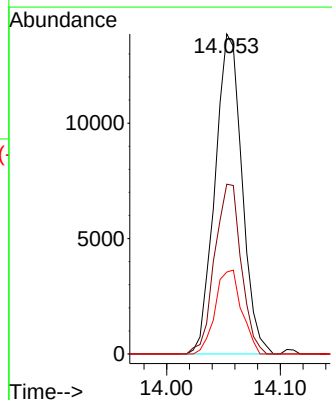
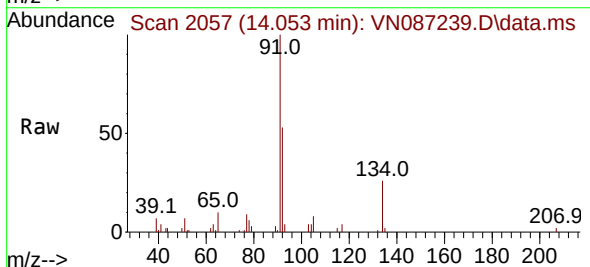
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

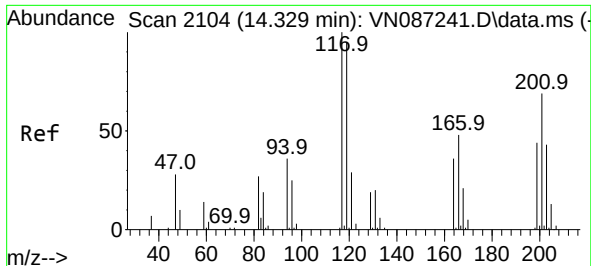
Tgt Ion:	146	Resp:	17485
Ion	Ratio	Lower	Upper
146	100		
111	45.4	19.1	57.5
148	68.0	31.8	95.3



#89
 n-Butylbenzene
 Concen: 4.435 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

Tgt Ion:	91	Resp:	22888
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.7	80.0
134	25.6	13.7	41.1

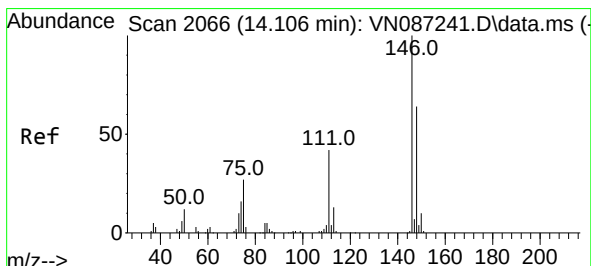
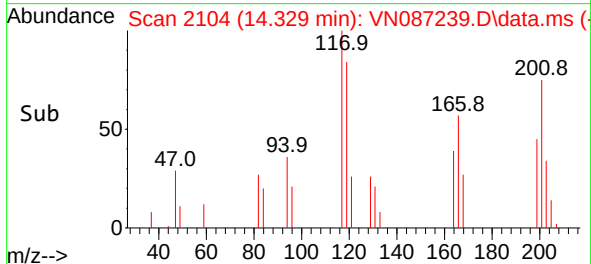
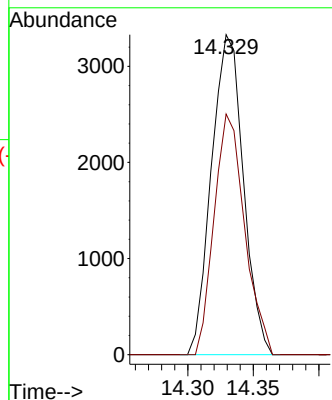
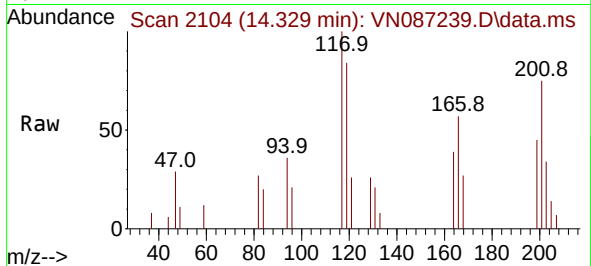




#90
Hexachloroethane
Concen: 5.191 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

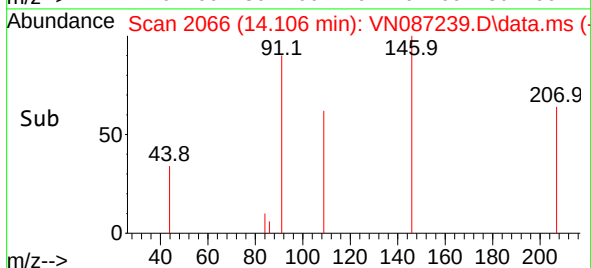
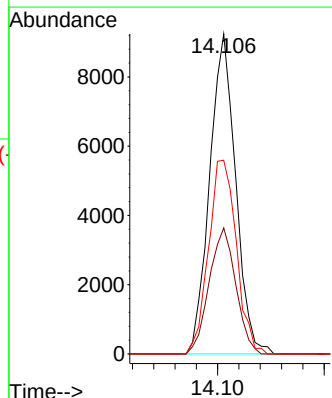
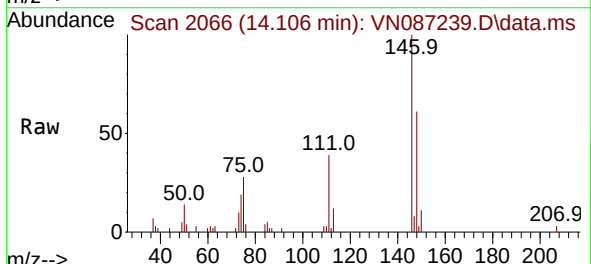
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

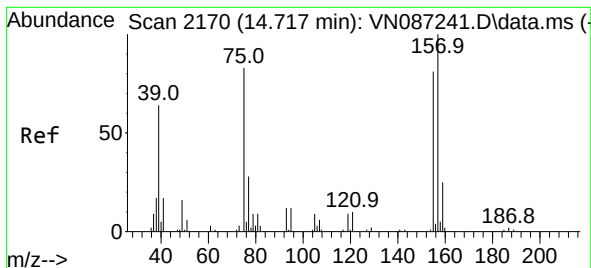
Tgt Ion:117 Resp: 5632
Ion Ratio Lower Upper
117 100
201 71.9 35.8 107.4



#91
1,2-Dichlorobenzene
Concen: 4.889 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087239.D
Acq: 30 Jun 2025 13:26

Tgt Ion:146 Resp: 15614
Ion Ratio Lower Upper
146 100
111 40.3 20.5 61.6
148 64.8 31.4 94.3

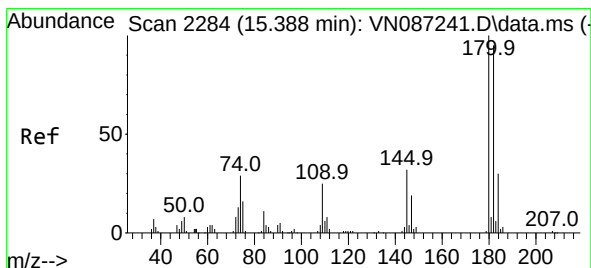
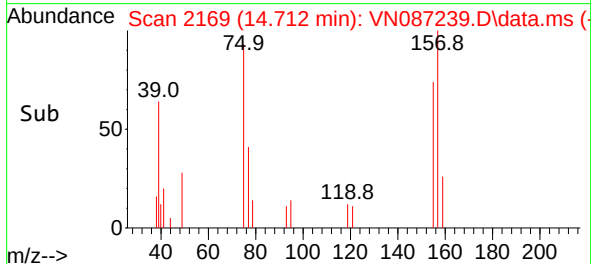
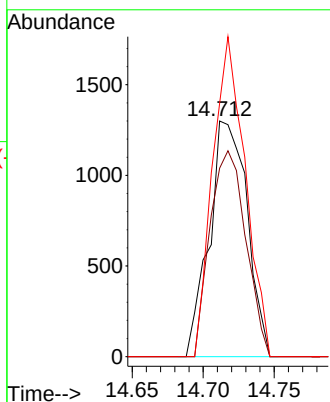
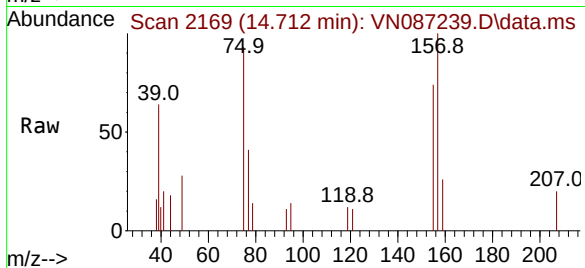




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.631 ug/l
 RT: 14.712 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

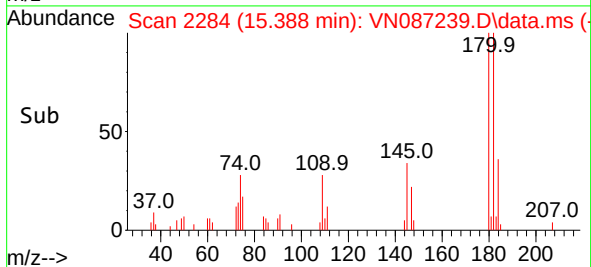
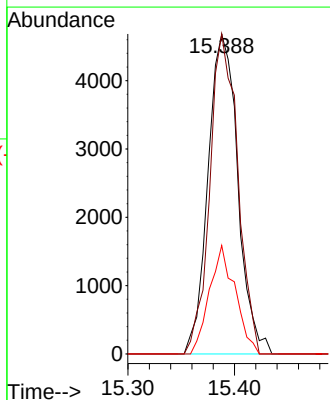
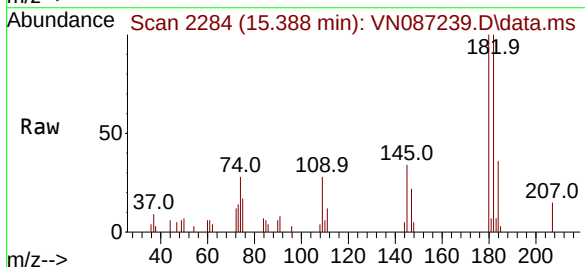
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

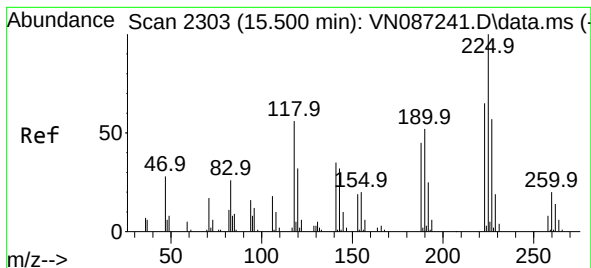
Tgt Ion: 75	Resp:	2405
Ion Ratio	Lower	Upper
75	100	
155	82.7	46.8 140.3
157	117.0	58.1 174.4



#93
 1,2,4-Trichlorobenzene
 Concen: 4.805 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

Tgt Ion: 180	Resp:	9076
Ion Ratio	Lower	Upper
180	100	
182	93.8	48.0 144.0
145	29.4	15.4 46.2





#94

Hexachlorobutadiene

Concen: 4.770 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

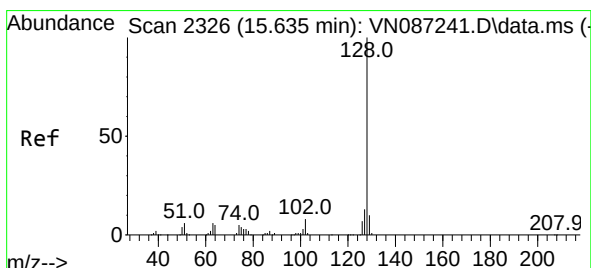
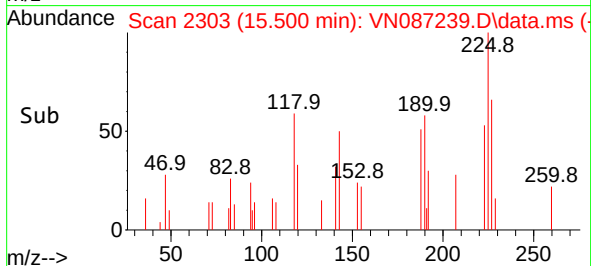
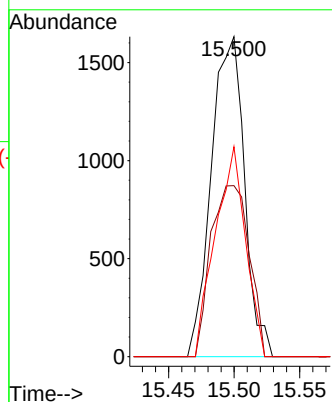
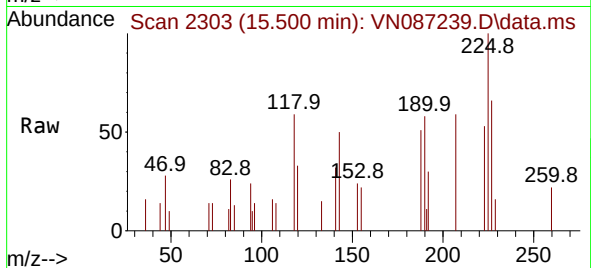
Tgt Ion:225 Resp: 2862

Ion Ratio Lower Upper

225 100

223 61.8 33.5 100.4

227 60.1 30.9 92.7



#95

Naphthalene

Concen: 4.407 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN087239.D

Acq: 30 Jun 2025 13:26

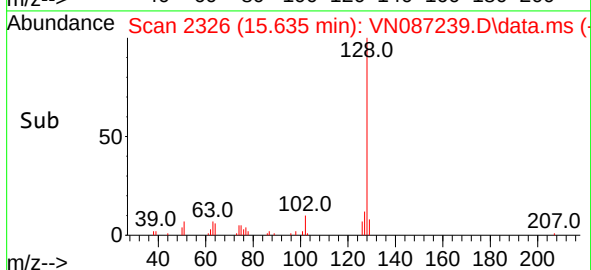
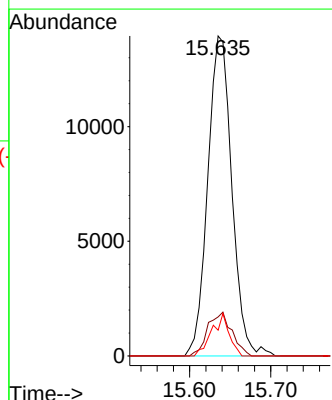
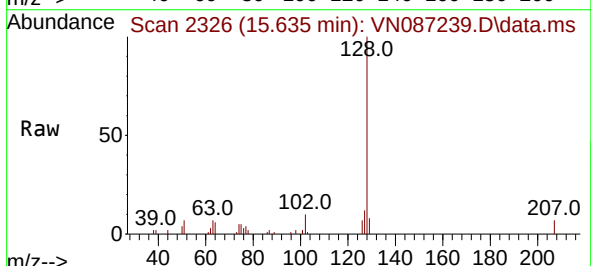
Tgt Ion:128 Resp: 28795

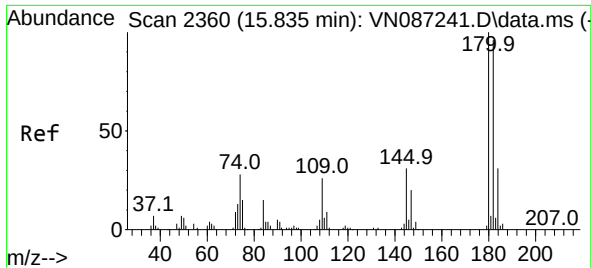
Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 9.5 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 4.646 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087239.D
 Acq: 30 Jun 2025 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 8548
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.7 143.1
 145 34.1 15.7 47.1

