

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087502.D
 Acq On : 12 Aug 2025 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 13 02:58:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	330662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	639180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	587049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	291692	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	297500	53.024	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.040%	
35) Dibromofluoromethane	8.153	113	208126	47.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.400%	
50) Toluene-d8	10.547	98	763783	48.563	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.120%	
62) 4-Bromofluorobenzene	12.829	95	295656	50.882	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	211220	60.142	ug/l	95
3) Chloromethane	2.383	50	216269	48.969	ug/l	94
4) Vinyl Chloride	2.536	62	242275	55.200	ug/l	95
5) Bromomethane	2.971	94	133458	58.718	ug/l	96
6) Chloroethane	3.136	64	158680	55.437	ug/l	100
7) Trichlorofluoromethane	3.506	101	343225	52.885	ug/l	99
8) Diethyl Ether	3.965	74	149057	59.207	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	183251	55.004	ug/l	96
10) Methyl Iodide	4.583	142	137060	41.116	ug/l	93
11) Tert butyl alcohol	5.524	59	303122	284.532	ug/l	99
12) 1,1-Dichloroethene	4.336	96	189402	50.168	ug/l	94
13) Acrolein	4.177	56	261207	305.520	ug/l	99
14) Allyl chloride	5.012	41	372445	54.511	ug/l	92
15) Acrylonitrile	5.706	53	762586	263.788	ug/l	100
16) Acetone	4.424	43	777558	295.575	ug/l	98
17) Carbon Disulfide	4.700	76	564468	50.431	ug/l #	93
18) Methyl Acetate	5.018	43	380435	57.561	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	842980	60.578	ug/l	98
20) Methylene Chloride	5.265	84	237685	53.492	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	218270	51.275	ug/l	98
22) Diisopropyl ether	6.659	45	853871	59.579	ug/l	93
23) Vinyl Acetate	6.594	43	3942297	314.517	ug/l	99
24) 1,1-Dichloroethane	6.553	63	450092	54.436	ug/l	100
25) 2-Butanone	7.471	43	1108664	272.759	ug/l	96
26) 2,2-Dichloropropane	7.477	77	401418	62.444	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	272679	55.638	ug/l	95
28) Bromochloromethane	7.800	49	206493	52.182	ug/l	95
29) Tetrahydrofuran	7.829	42	724045	274.208	ug/l	100
30) Chloroform	7.953	83	465493	56.246	ug/l	98
31) Cyclohexane	8.241	56	367045	53.214	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	391648	54.638	ug/l	98
36) 1,1-Dichloropropene	8.353	75	298749	51.286	ug/l	99
37) Ethyl Acetate	7.547	43	430984	51.229	ug/l	99
38) Carbon Tetrachloride	8.341	117	326189	50.833	ug/l	92
39) Methylcyclohexane	9.582	83	334615	53.058	ug/l	96
40) Benzene	8.588	78	973729	51.720	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	250885	57.033	ug/l	96
42) 1,2-Dichloroethane	8.653	62	379576	53.165	ug/l	98
43) Isopropyl Acetate	8.677	43	712456	54.554	ug/l	98
44) Trichloroethene	9.335	130	216430	48.652	ug/l	91
45) 1,2-Dichloropropane	9.606	63	246730	51.577	ug/l	94
46) Dibromomethane	9.688	93	183110	51.124	ug/l	97
47) Bromodichloromethane	9.871	83	380818	52.785	ug/l	99
48) Methyl methacrylate	9.665	41	342785	58.304	ug/l	94
49) 1,4-Dioxane	9.682	88	94453	1048.916	ug/l #	98
51) 4-Methyl-2-Pentanone	10.429	43	2176445	263.494	ug/l	98
52) Toluene	10.612	92	601880	52.597	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	419058	57.395	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	421265	55.857	ug/l #	89
55) 1,1,2-Trichloroethane	10.994	97	239225	51.637	ug/l	93
56) Ethyl methacrylate	10.859	69	421434	53.919	ug/l #	94
57) 1,3-Dichloropropane	11.141	76	422100	52.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	1112387	292.701	ug/l	99
59) 2-Hexanone	11.176	43	1516088	276.651	ug/l	99
60) Dibromochloromethane	11.341	129	278616	52.733	ug/l	99
61) 1,2-Dibromoethane	11.453	107	250244	51.372	ug/l	99
64) Tetrachloroethene	11.082	164	170810	45.208	ug/l	96
65) Chlorobenzene	11.870	112	657775	49.908	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	233230	52.042	ug/l	98
67) Ethyl Benzene	11.941	91	1176241	54.212	ug/l	100
68) m/p-Xylenes	12.053	106	869964	107.076	ug/l	94
69) o-Xylene	12.376	106	428823	55.254	ug/l	95
70) Styrene	12.394	104	745658	57.114	ug/l	98
71) Bromoform	12.559	173	186678	51.560	ug/l #	98
73) Isopropylbenzene	12.676	105	1101854	60.019	ug/l	98
74) N-amyl acetate	12.500	43	382429	50.138	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.917	83	371197	53.735	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	511862	78.255	ug/l	55
77) Bromobenzene	12.959	156	258139	54.217	ug/l	93
78) n-propylbenzene	13.017	91	1372237	59.409	ug/l	97
79) 2-Chlorotoluene	13.106	91	822996	57.976	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	937941	59.964	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	134709	56.350	ug/l	97
82) 4-Chlorotoluene	13.200	91	851446	57.610	ug/l	98
83) tert-Butylbenzene	13.417	119	793245	60.719	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	963459	60.315	ug/l	96
85) sec-Butylbenzene	13.594	105	1170651	59.490	ug/l	100
86) p-Isopropyltoluene	13.706	119	975420	61.853	ug/l	96
87) 1,3-Dichlorobenzene	13.711	146	497546	53.246	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	503587	50.459	ug/l	96
89) n-Butylbenzene	14.035	91	952157	63.231	ug/l	100
90) Hexachloroethane	14.311	117	185894	55.635	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	483934	54.667	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	94271	51.978	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	291601	56.077	ug/l	98
94) Hexachlorobutadiene	15.476	225	107072	55.415	ug/l	98
95) Naphthalene	15.617	128	1074791	58.344	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	287140	55.049	ug/l	98

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QLast Update : Thu Jul 17 02:56:13 2025
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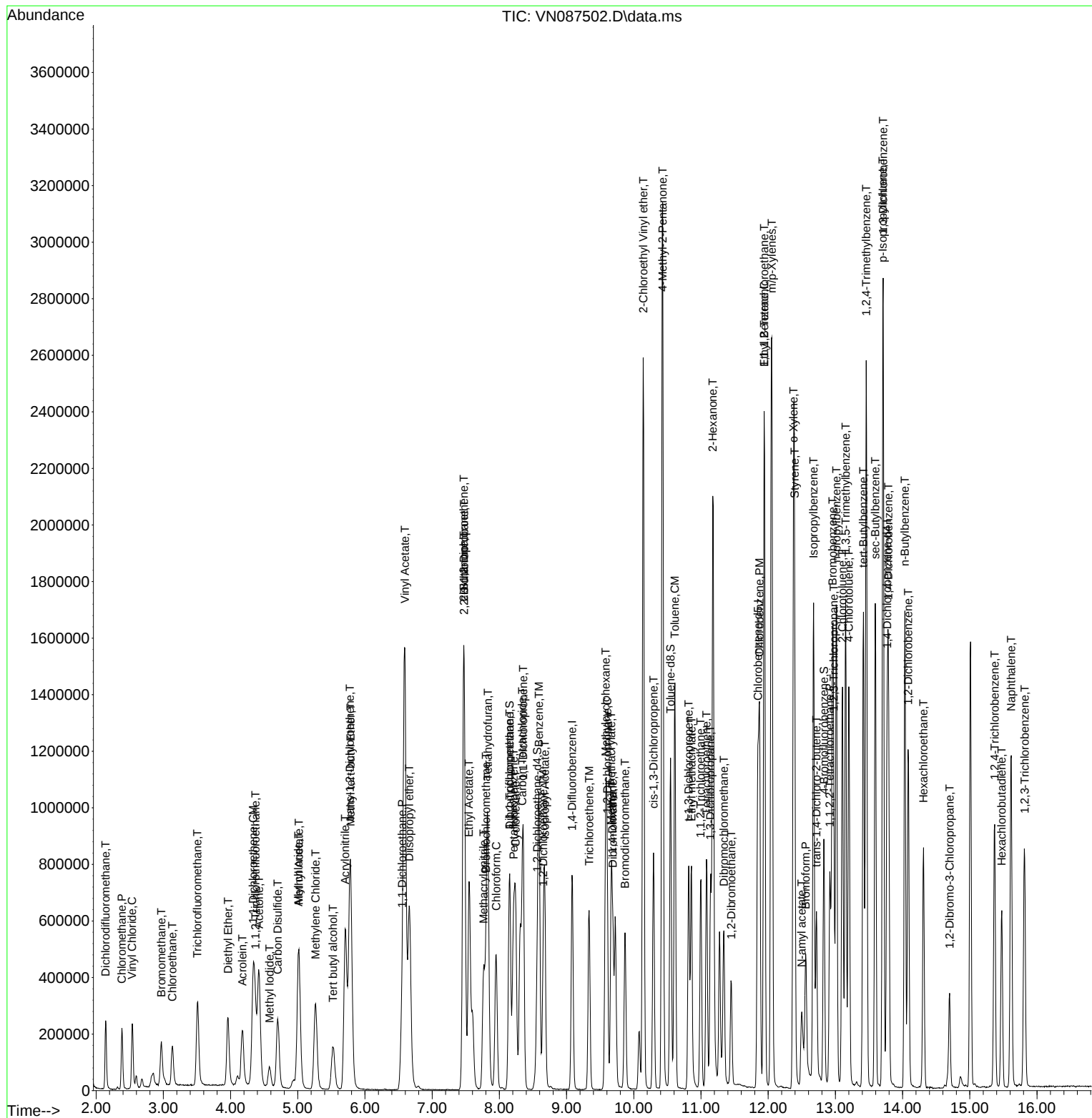
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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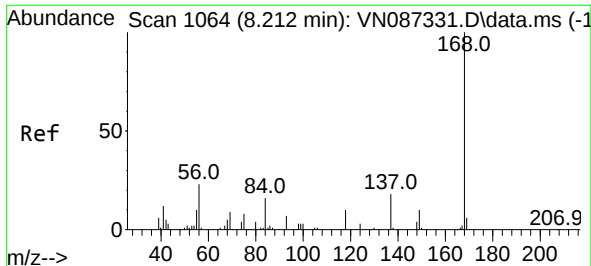
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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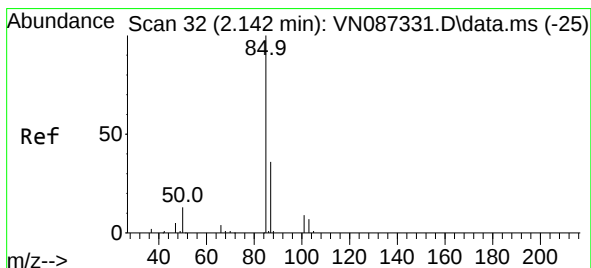
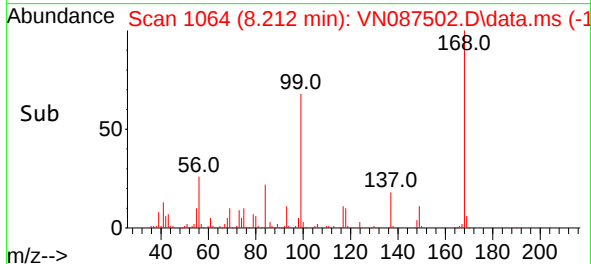
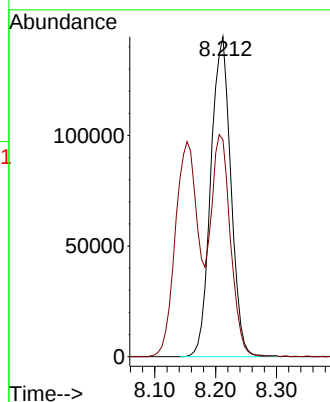
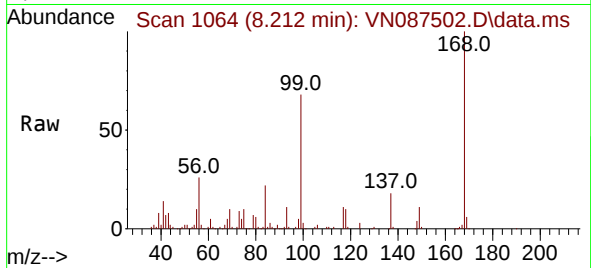




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
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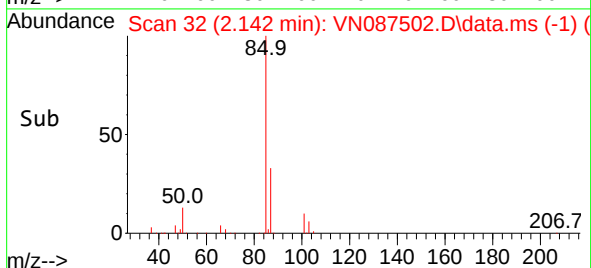
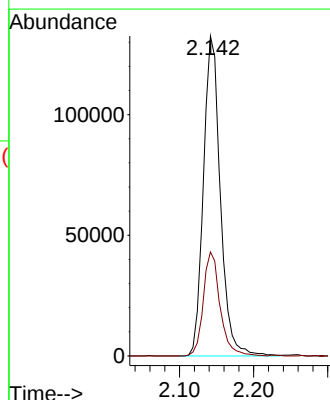
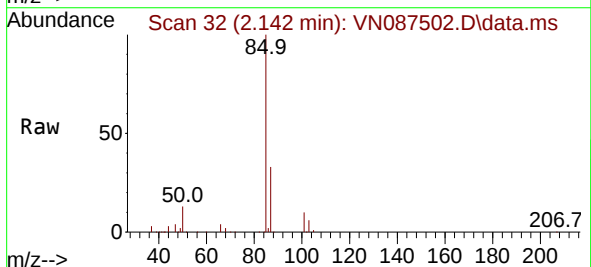
Instrument :
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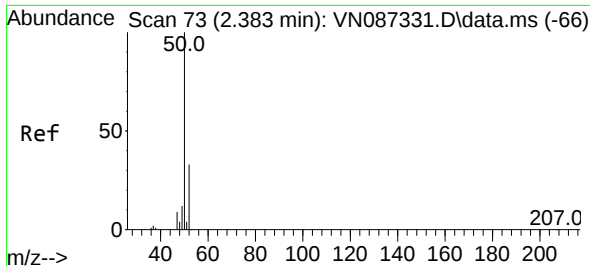
Tgt Ion:168 Resp: 330662
Ion Ratio Lower Upper
168 100
99 67.8 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 60.142 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 85 Resp: 211220
Ion Ratio Lower Upper
85 100
87 32.5 17.8 53.3

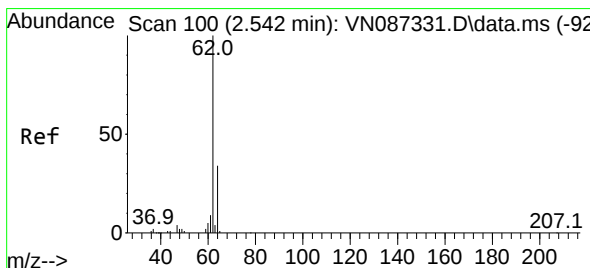
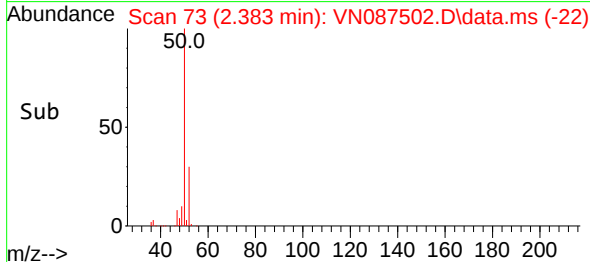
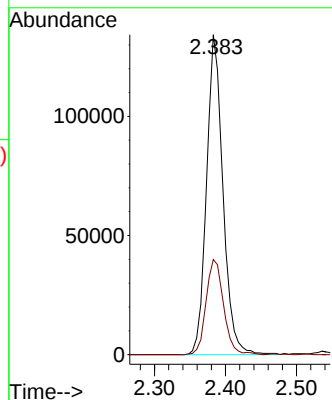
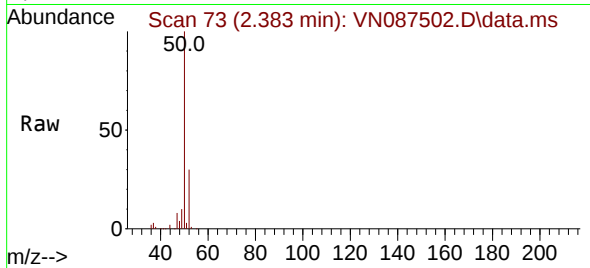




#3
Chloromethane
Concen: 48.969 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087502.D
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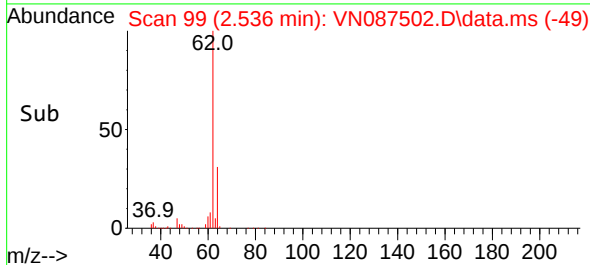
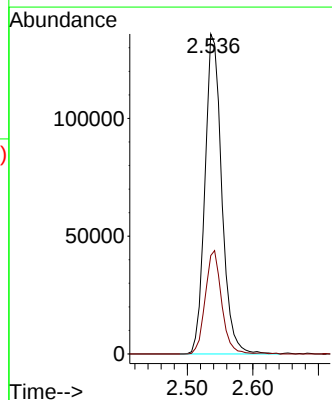
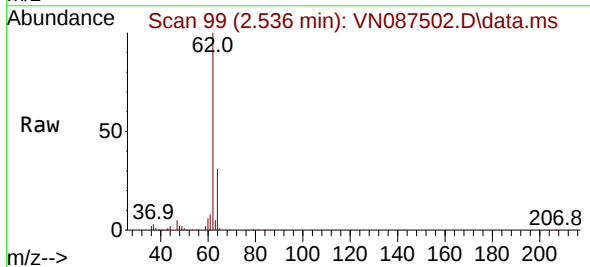
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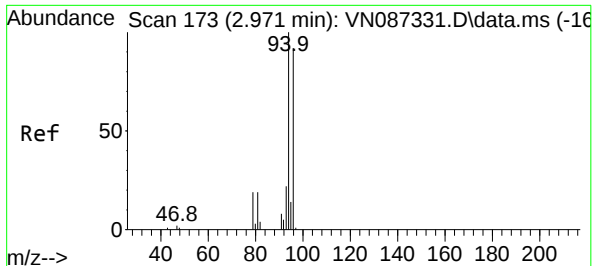
Tgt Ion: 50 Resp: 216269
Ion Ratio Lower Upper
50 100
52 29.8 26.3 39.5



#4
Vinyl Chloride
Concen: 55.200 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 62 Resp: 242275
Ion Ratio Lower Upper
62 100
64 30.7 27.0 40.6

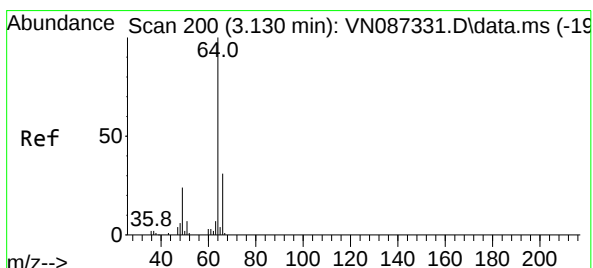
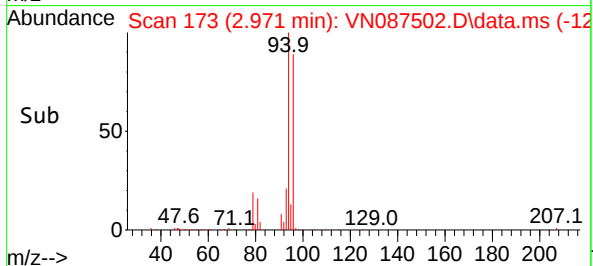
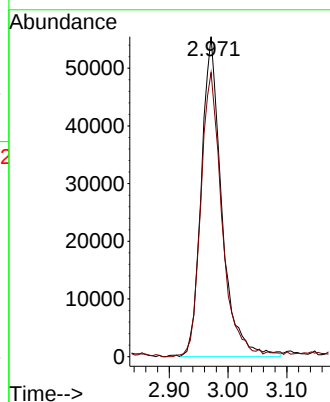
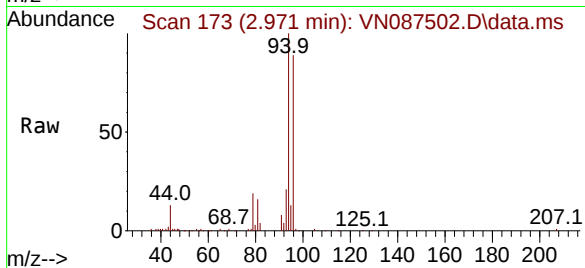




#5
Bromomethane
Concen: 58.718 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087502.D
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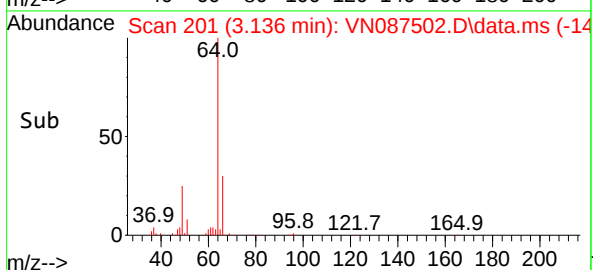
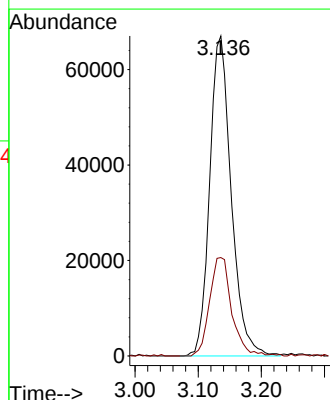
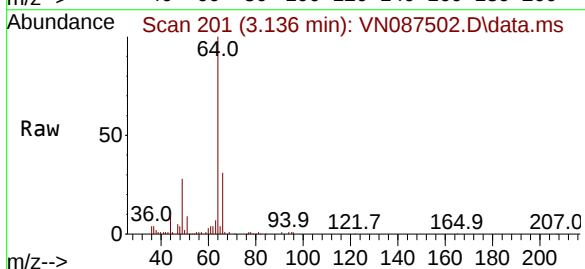
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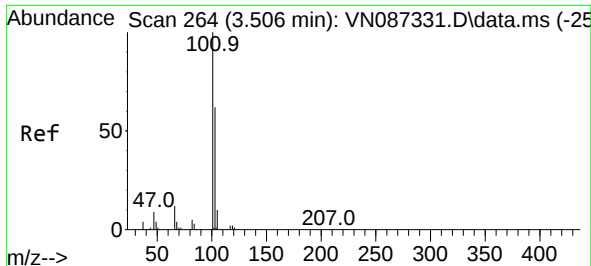
Tgt Ion: 94 Resp: 133458
Ion Ratio Lower Upper
94 100
96 88.3 73.4 110.2



#6
Chloroethane
Concen: 55.437 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 158680
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8

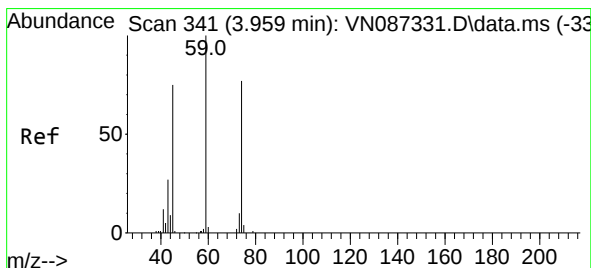
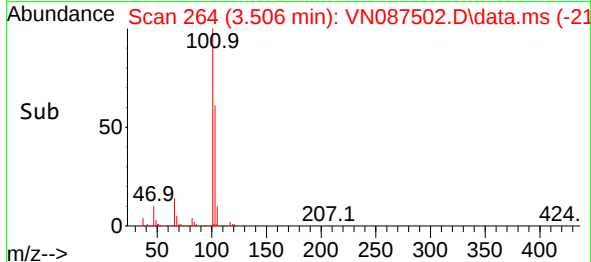
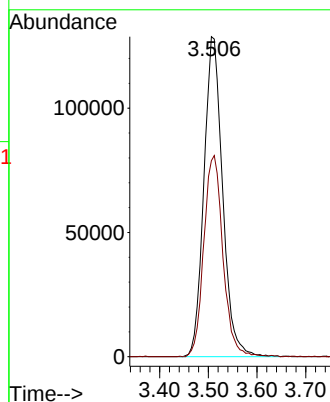
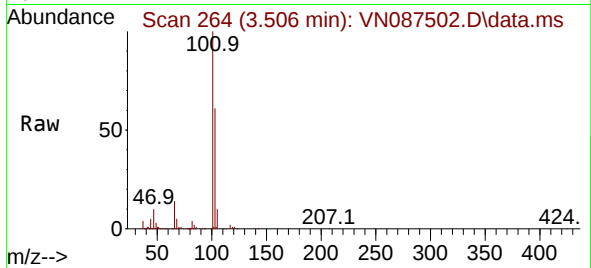




#7
 Trichlorofluoromethane
 Concen: 52.885 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087502.D
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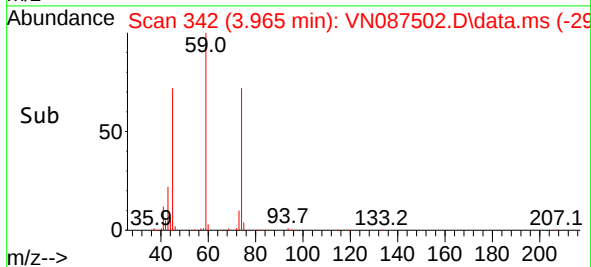
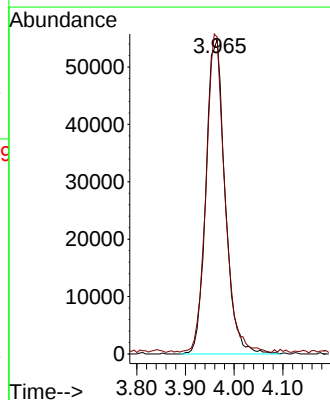
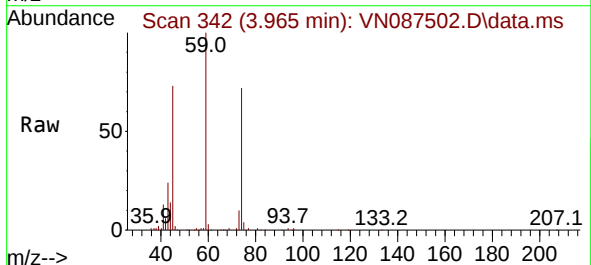
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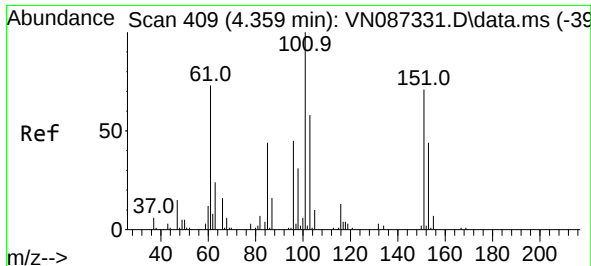
Tgt Ion:101 Resp: 343225
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.8 74.6



#8
 Diethyl Ether
 Concen: 59.207 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 149057
 Ion Ratio Lower Upper
 74 100
 45 99.2 50.8 152.5

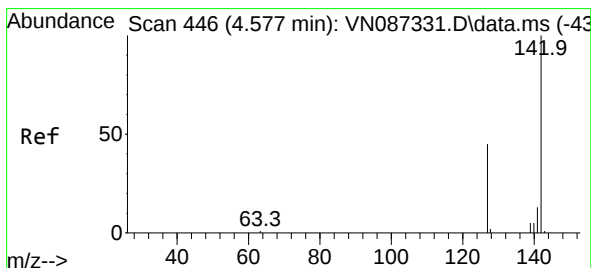
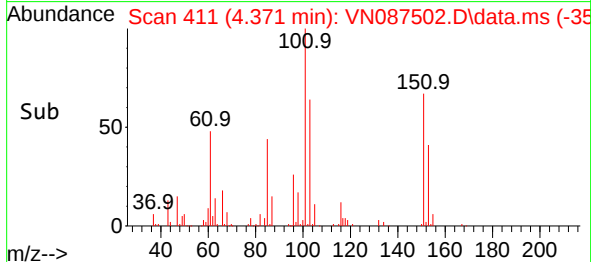
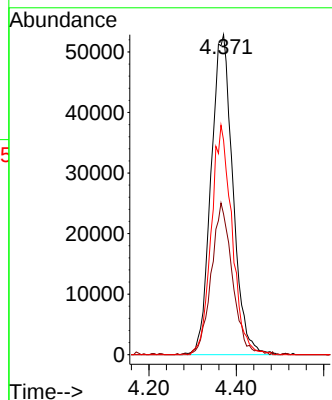
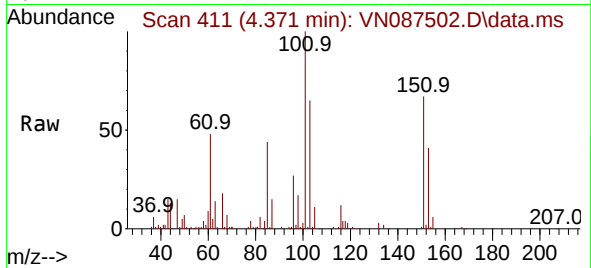




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.004 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

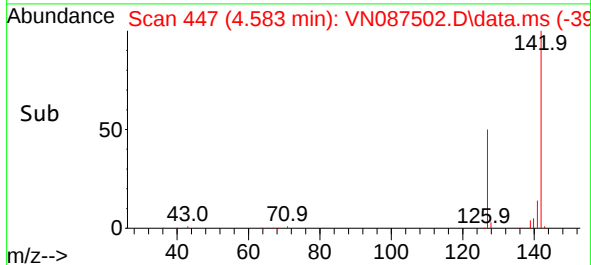
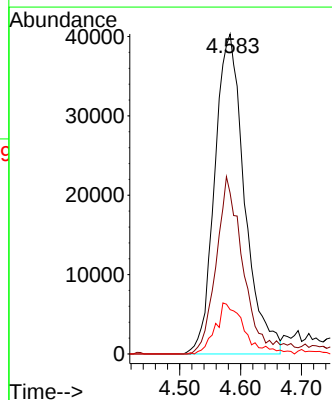
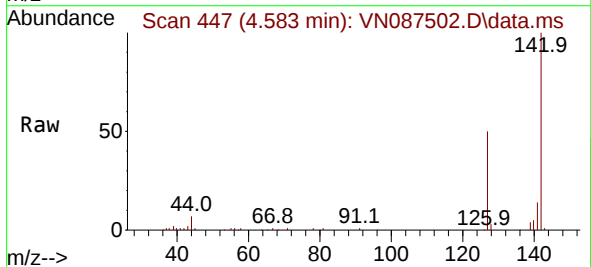
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

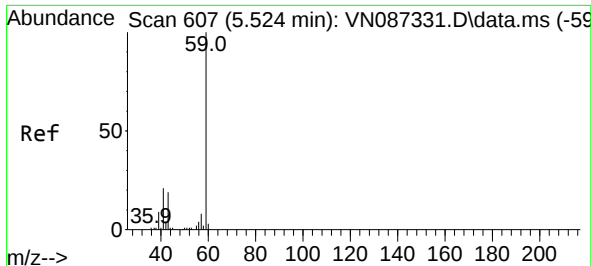
Tgt Ion:101 Resp: 183251
Ion Ratio Lower Upper
101 100
85 45.8 37.3 55.9
151 68.2 58.9 88.3



#10
Methyl Iodide
Concen: 41.116 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:142 Resp: 137060
Ion Ratio Lower Upper
142 100
127 50.3 35.7 53.5
141 13.9 10.4 15.6

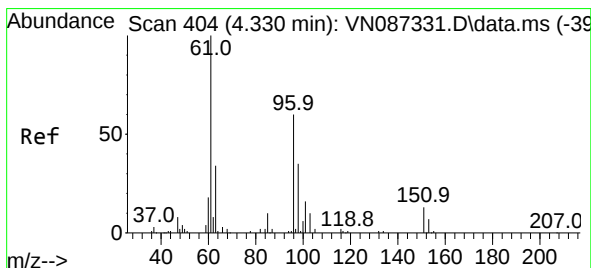
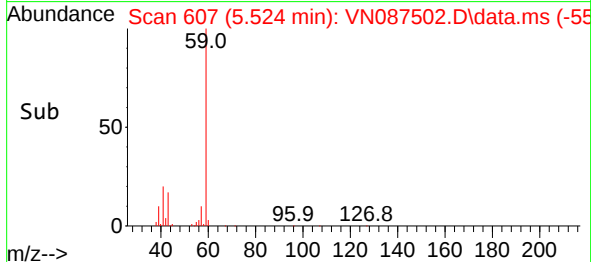
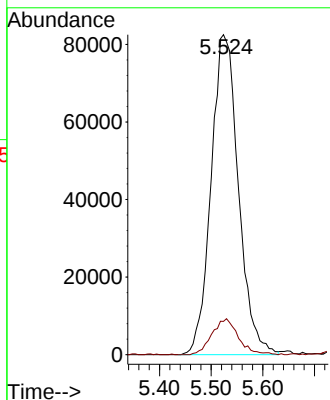
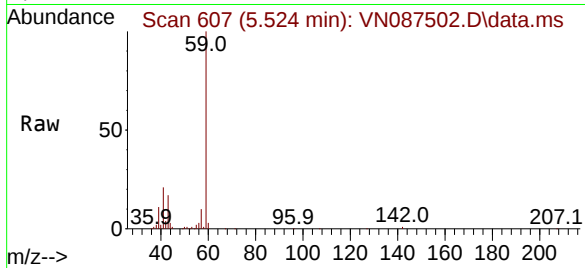




#11
Tert butyl alcohol
Concen: 284.532 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

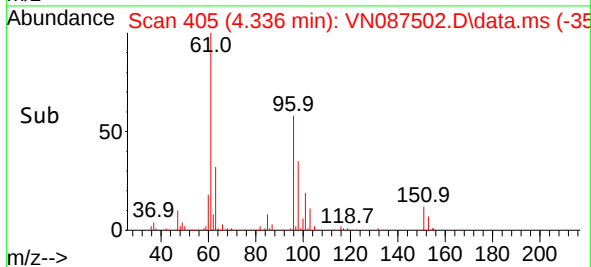
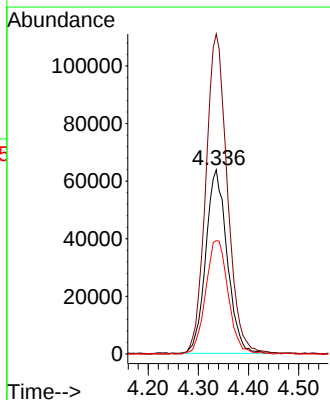
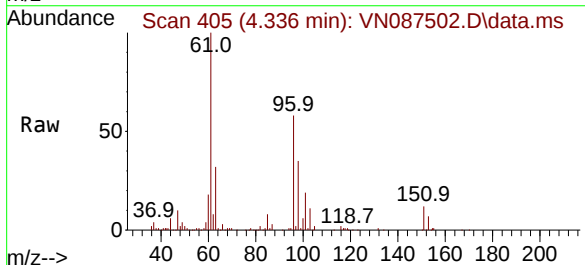
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

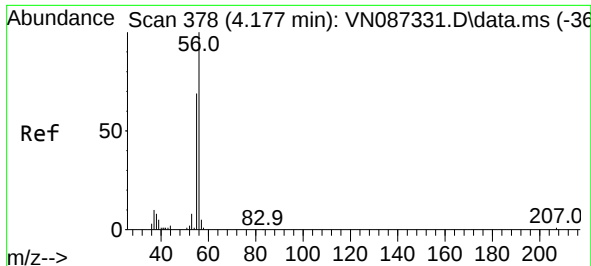
Tgt Ion: 59 Resp: 303122
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.168 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 96 Resp: 189402
Ion Ratio Lower Upper
96 100
61 174.0 132.3 198.5
98 61.7 46.8 70.2

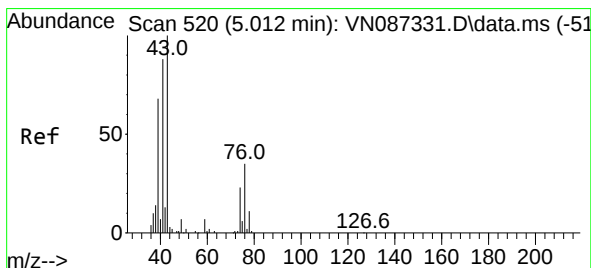
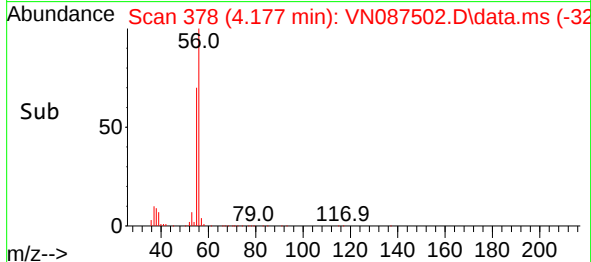
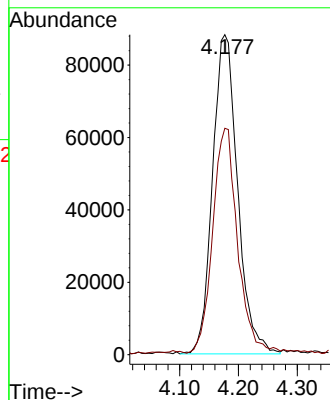
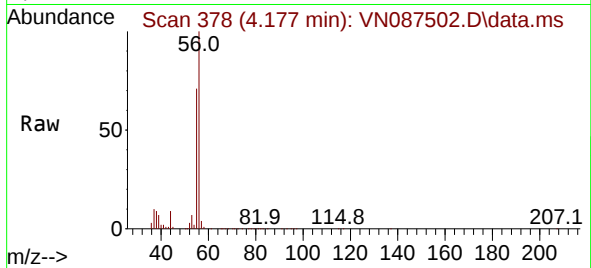




#13
Acrolein
Concen: 305.520 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

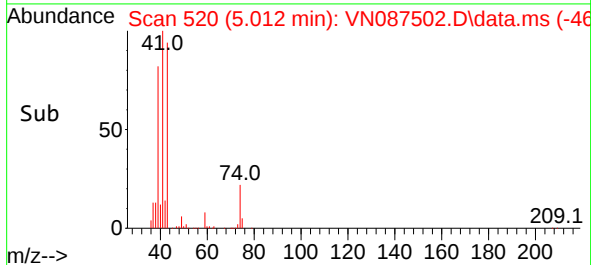
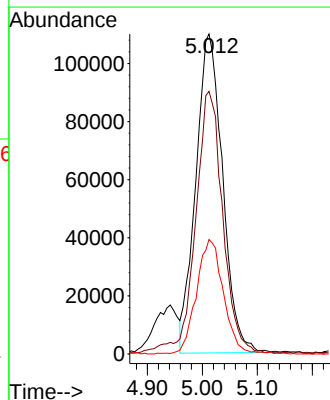
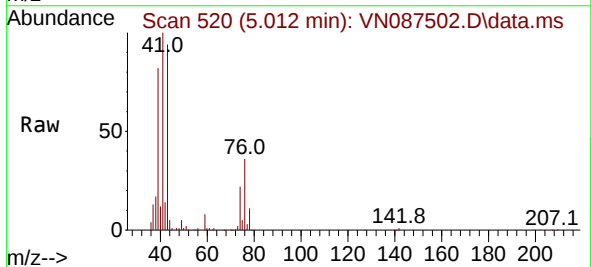
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

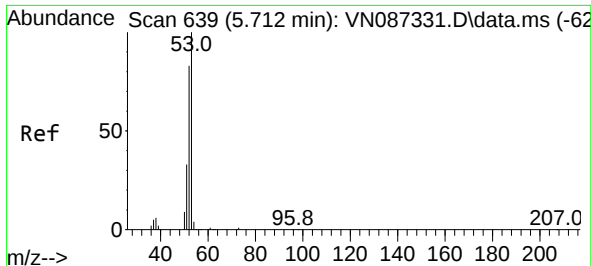
Tgt Ion: 56 Resp: 261207
Ion Ratio Lower Upper
56 100
55 71.0 56.2 84.4



#14
Allyl chloride
Concen: 54.511 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 41 Resp: 372445
Ion Ratio Lower Upper
41 100
39 83.4 59.0 88.6
76 36.1 28.7 43.1

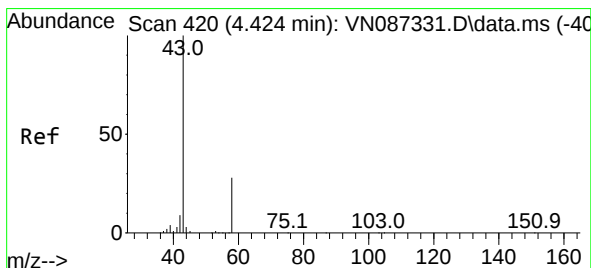
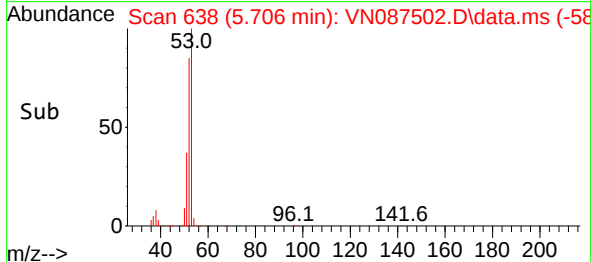
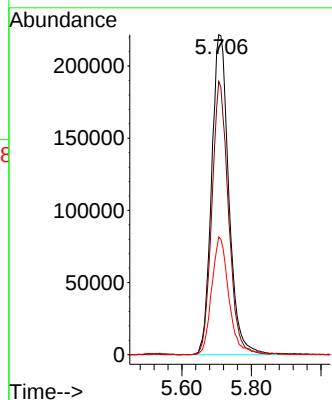
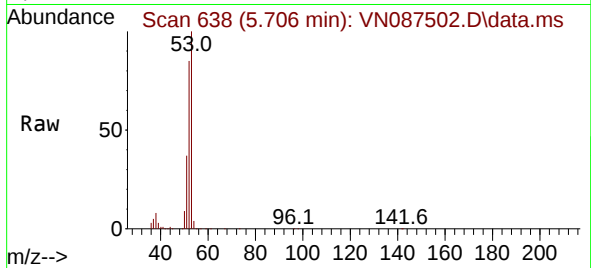




#15
Acrylonitrile
Concen: 263.788 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

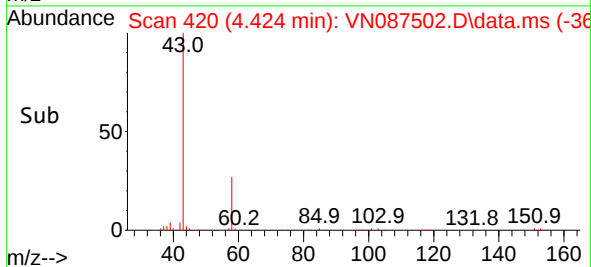
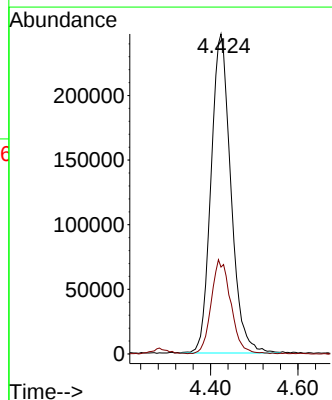
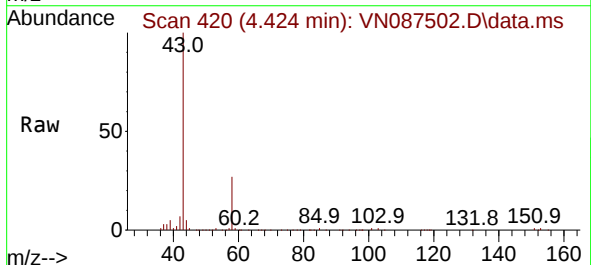
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

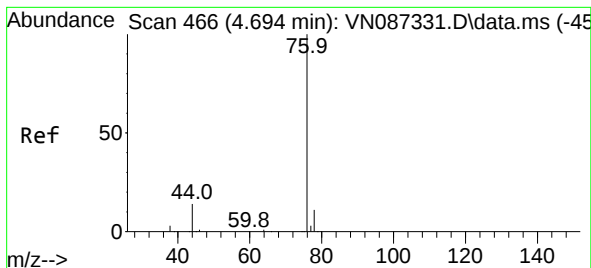
Tgt Ion: 53 Resp: 762586
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 36.7 28.7 43.1



#16
Acetone
Concen: 295.575 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 43 Resp: 777558
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5





#17

Carbon Disulfide

Concen: 50.431 ug/l

RT: 4.700 min Scan# 4

Delta R.T. 0.006 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

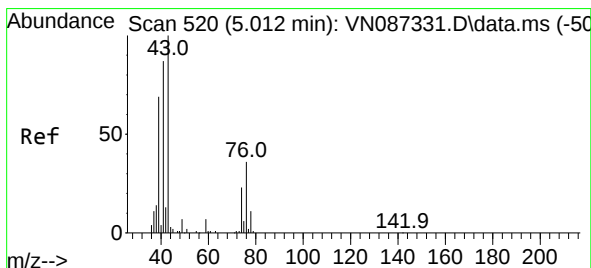
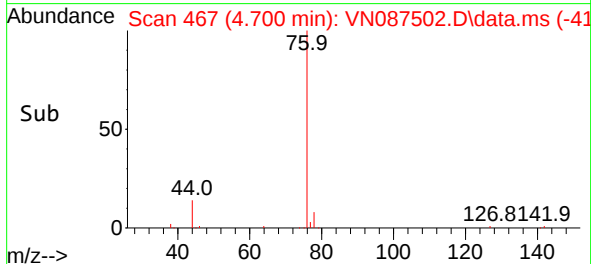
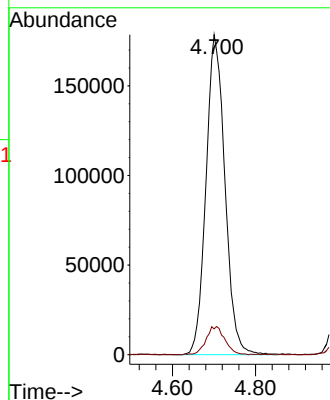
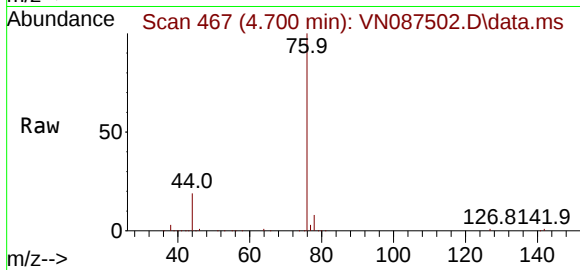
VSTDCCC050

Tgt Ion: 76 Resp: 564468

Ion Ratio Lower Upper

76 100

78 8.1 8.6 13.0#



#18

Methyl Acetate

Concen: 57.561 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087502.D

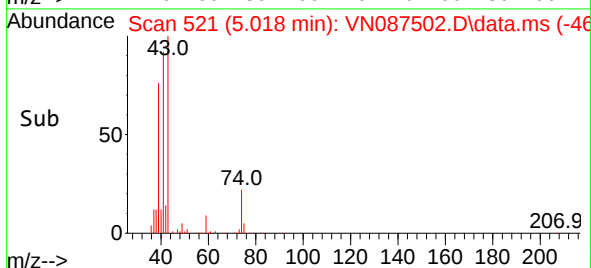
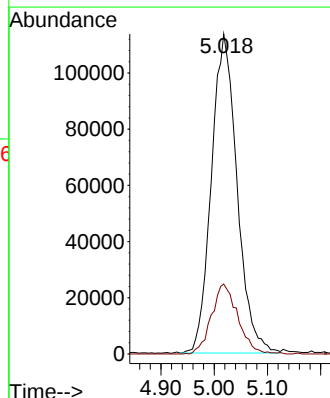
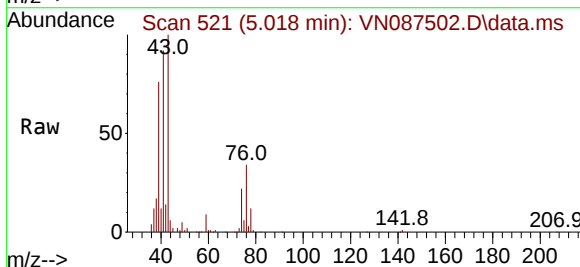
Acq: 12 Aug 2025 10:24

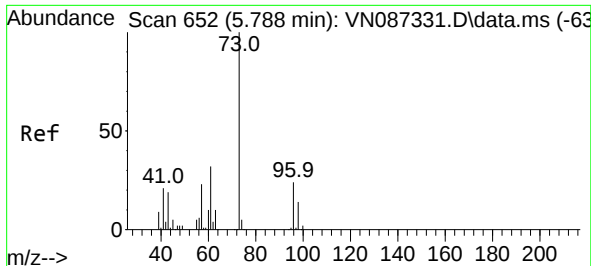
Tgt Ion: 43 Resp: 380435

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.6

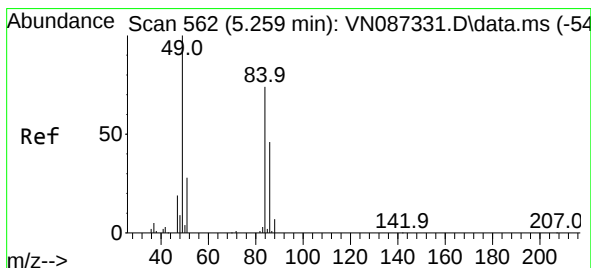
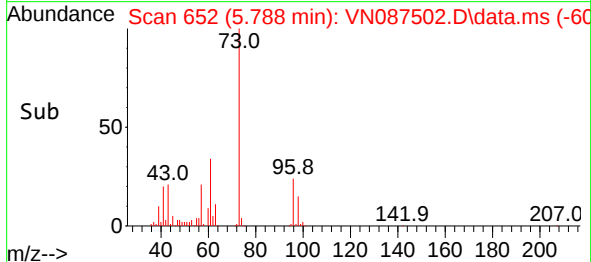
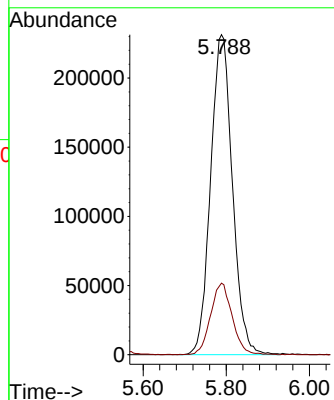
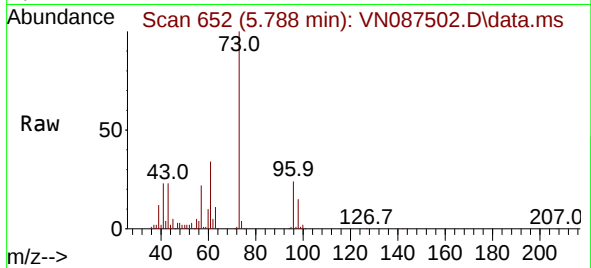




#19
Methyl tert-butyl Ether
Concen: 60.578 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

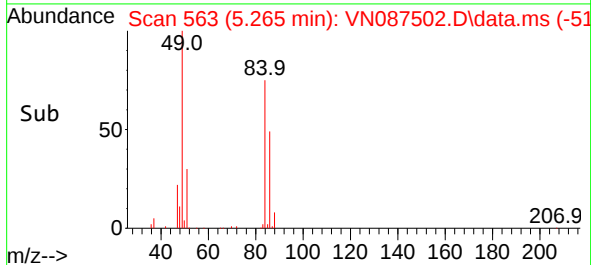
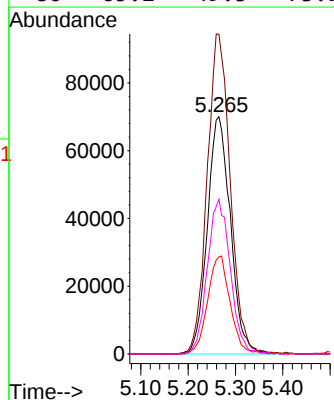
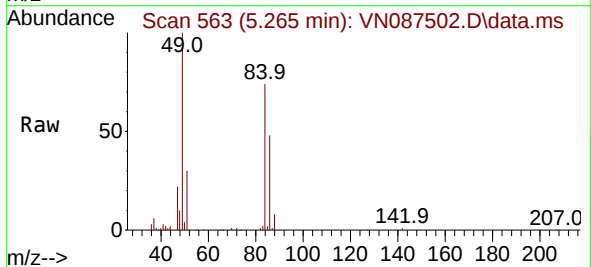
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

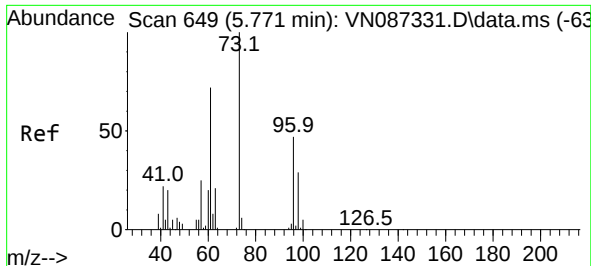
Tgt Ion: 73 Resp: 842980
Ion Ratio Lower Upper
73 100
57 22.4 18.6 27.8



#20
Methylene Chloride
Concen: 53.492 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 84 Resp: 237685
Ion Ratio Lower Upper
84 100
49 134.8 107.5 161.3
51 40.9 30.2 45.2
86 65.2 49.3 73.9

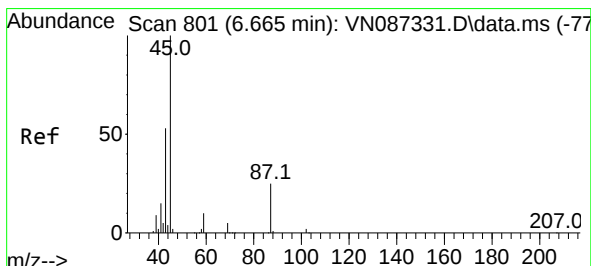
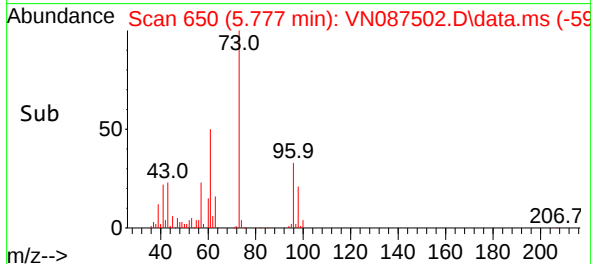
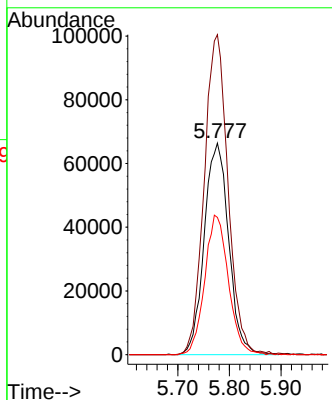
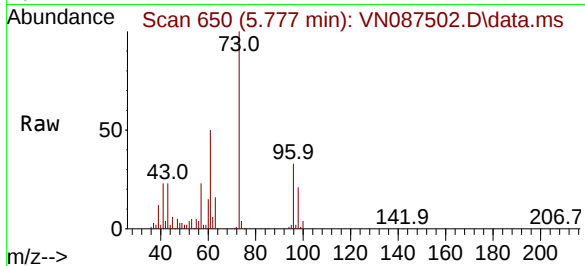




#21
trans-1,2-Dichloroethene
Concen: 51.275 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

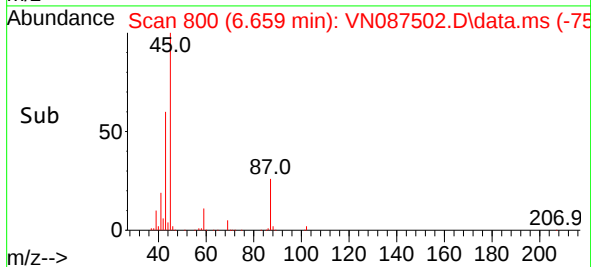
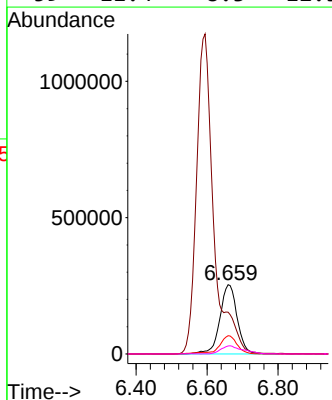
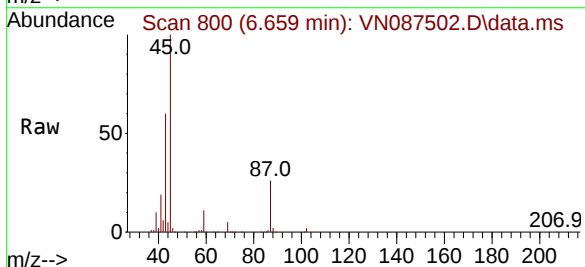
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

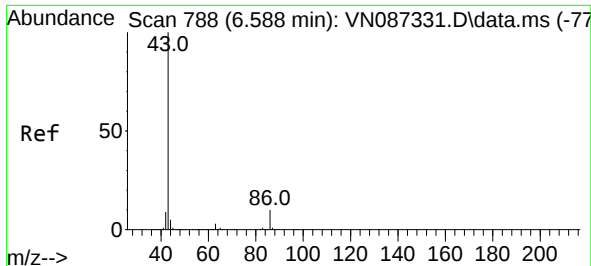
Tgt Ion: 96 Resp: 218270
Ion Ratio Lower Upper
96 100
61 151.0 122.0 183.0
98 64.9 50.0 75.0



#22
Diisopropyl ether
Concen: 59.579 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 45 Resp: 853871
Ion Ratio Lower Upper
45 100
43 60.1 42.8 64.2
87 26.2 19.8 29.6
59 11.4 8.3 12.5

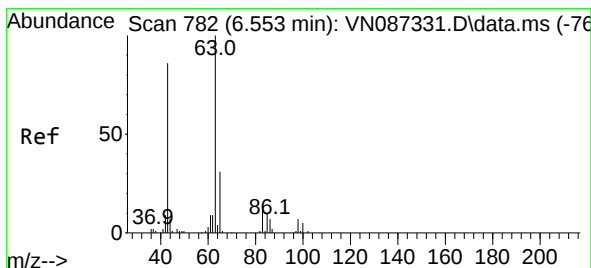
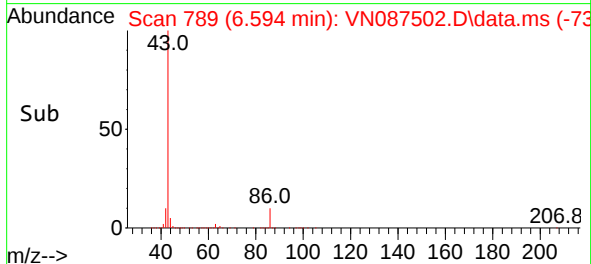
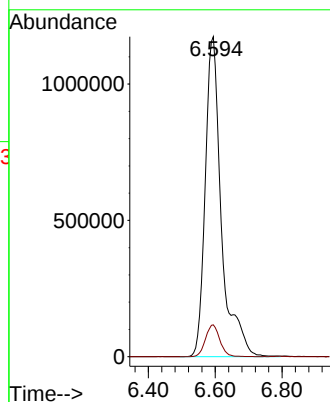
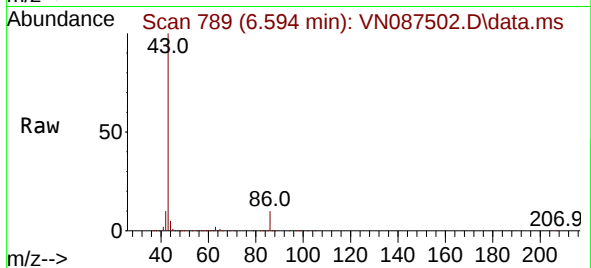




#23
 Vinyl Acetate
 Concen: 314.517 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

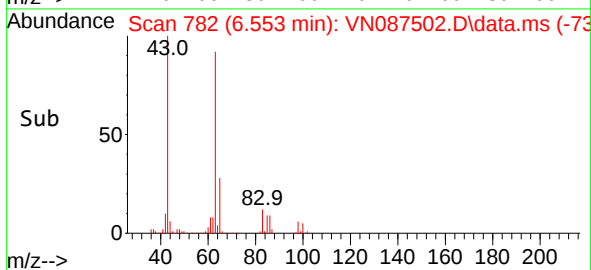
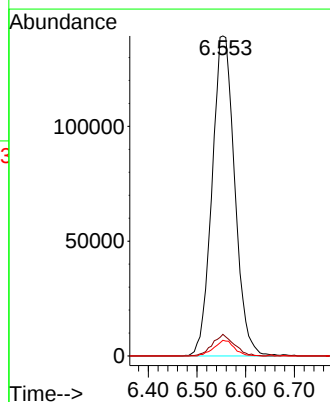
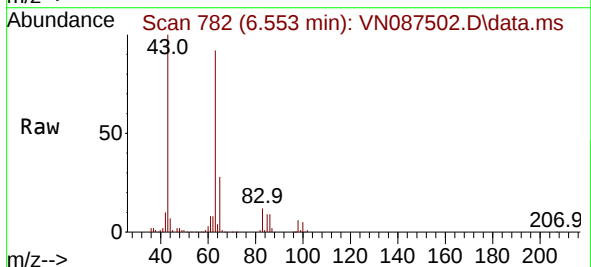
Instrument :
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 ClientSampleId :
 VSTDCCC050

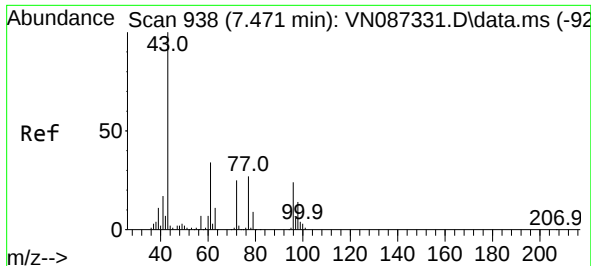
Tgt Ion: 43 Resp: 3942297
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 54.436 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

Tgt Ion: 63 Resp: 450092
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.9 2.5 7.4

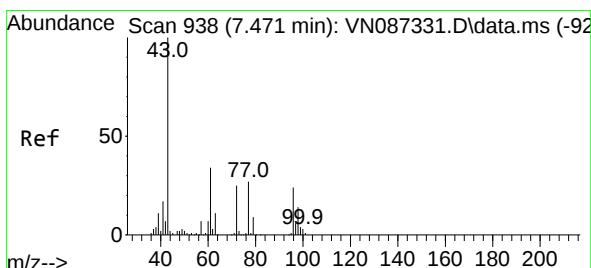
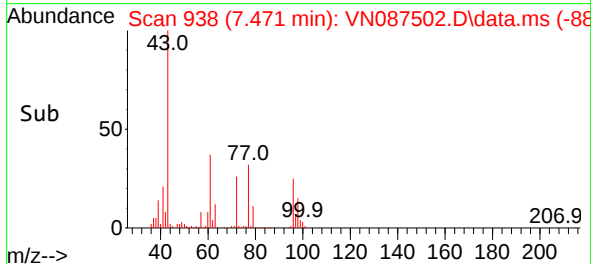
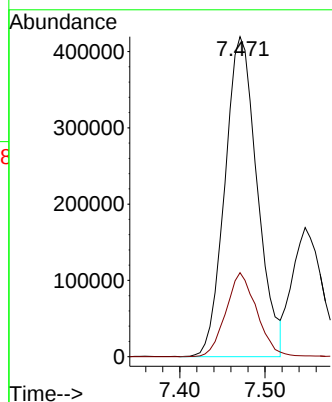
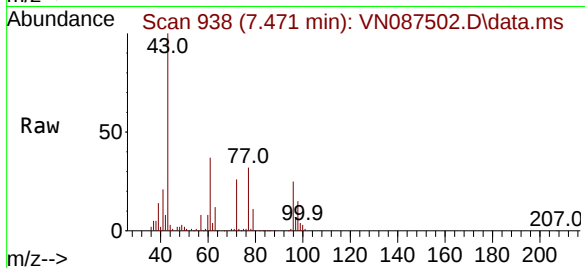




#25
2-Butanone
Concen: 272.759 ug/l
RT: 7.471 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

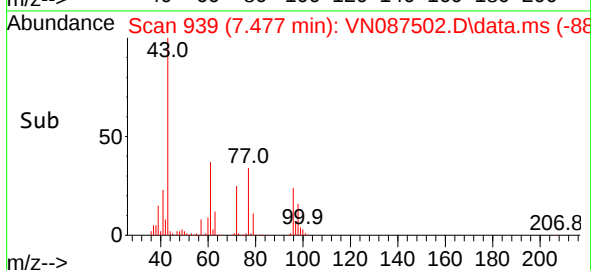
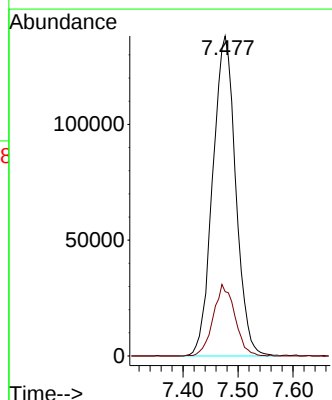
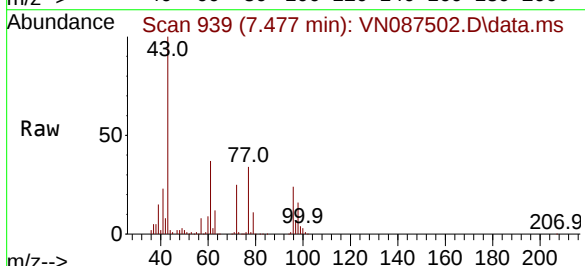
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

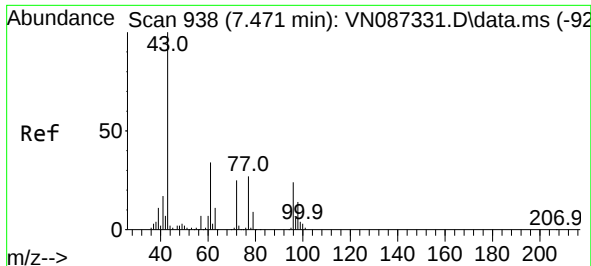
Tgt Ion: 43 Resp: 1108664
Ion Ratio Lower Upper
43 100
72 26.3 19.6 29.4



#26
2,2-Dichloropropane
Concen: 62.444 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 77 Resp: 401418
Ion Ratio Lower Upper
77 100
97 21.1 11.1 33.1

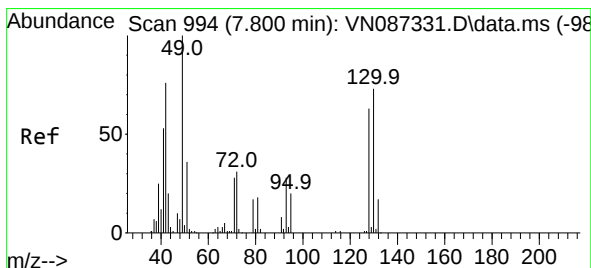
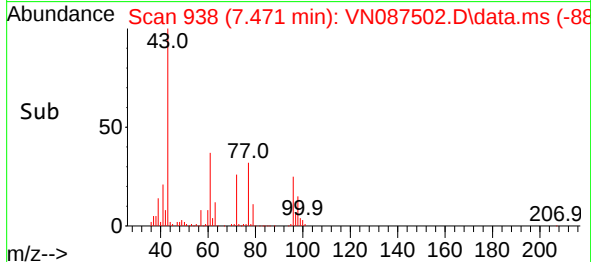
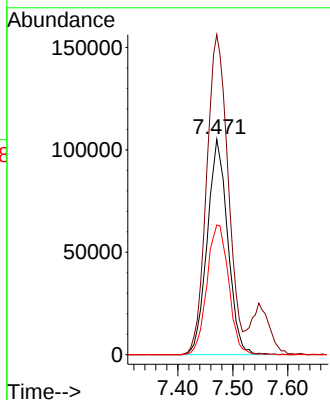
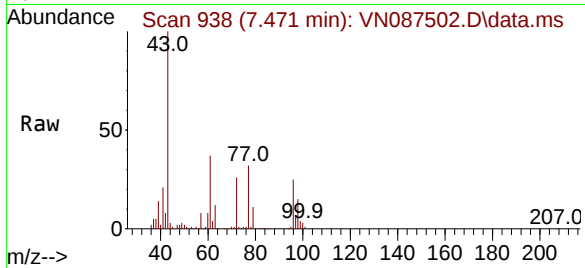




#27
 cis-1,2-Dichloroethene
 Concen: 55.638 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

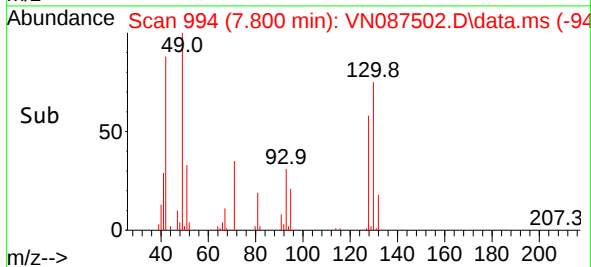
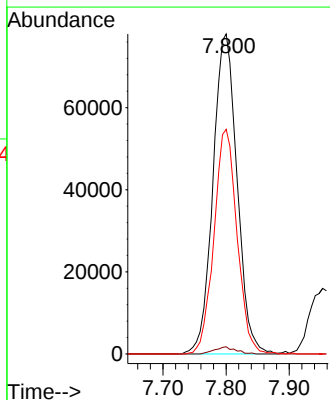
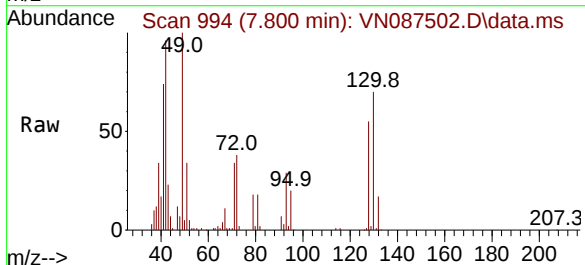
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

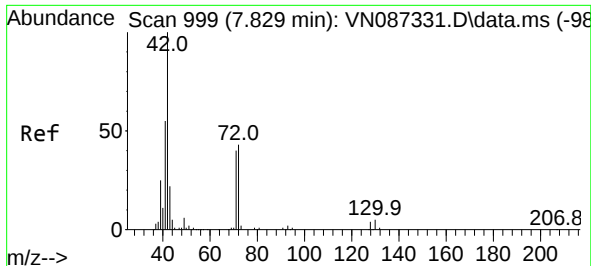
Tgt Ion: 96 Resp: 272679
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 297.8
 98 63.7 0.0 132.4



#28
 Bromochloromethane
 Concen: 52.182 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

Tgt Ion: 49 Resp: 206493
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 67.3 57.3 85.9

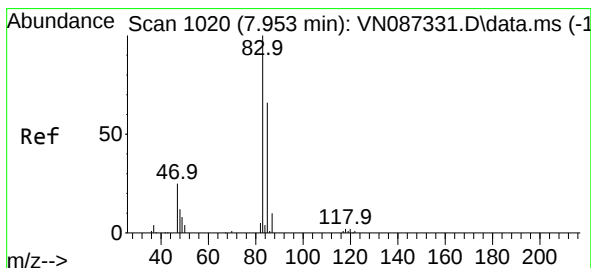
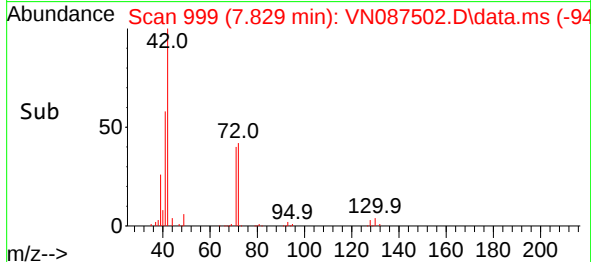
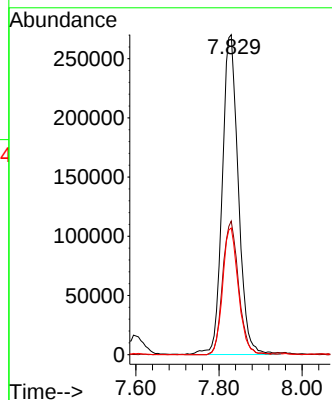
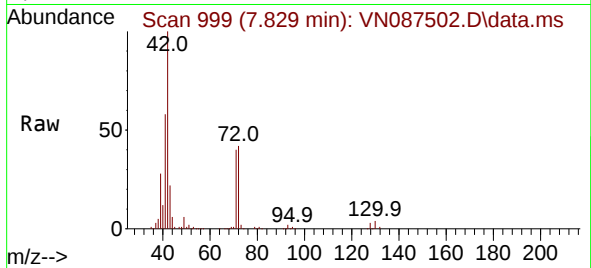




#29
Tetrahydrofuran
Concen: 274.208 ug/l
RT: 7.829 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

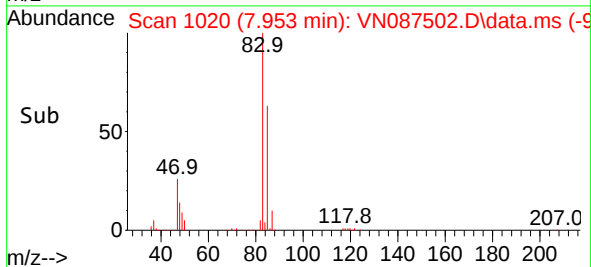
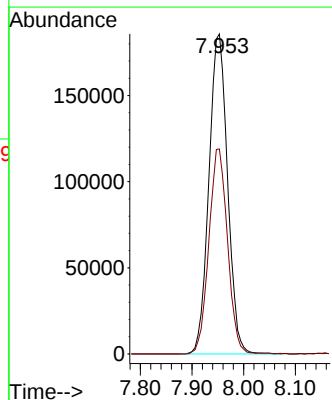
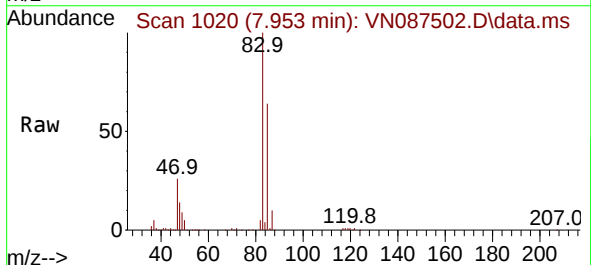
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

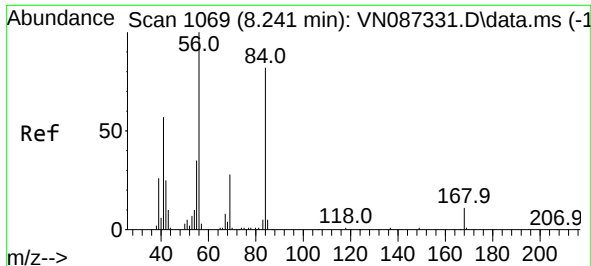
Tgt Ion: 42 Resp: 724045
Ion Ratio Lower Upper
42 100
72 41.4 33.4 50.0
71 38.8 31.2 46.8



#30
Chloroform
Concen: 56.246 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 83 Resp: 465493
Ion Ratio Lower Upper
83 100
85 64.1 52.7 79.1

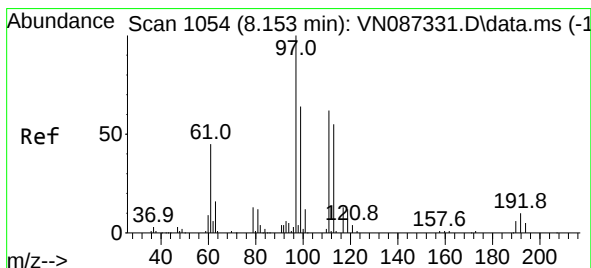
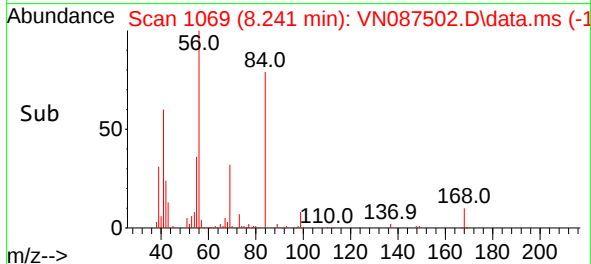
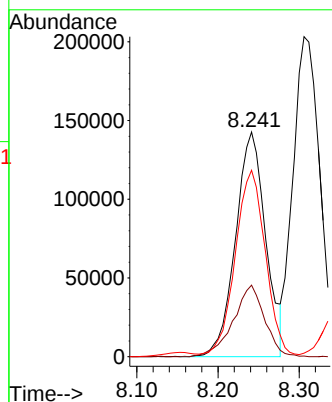
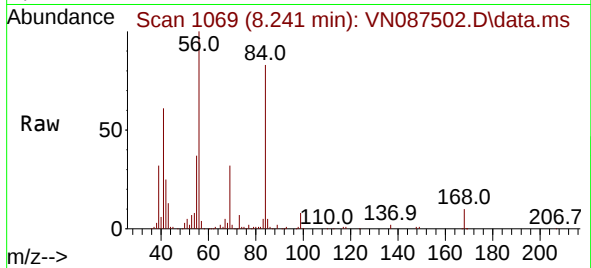




#31
Cyclohexane
Concen: 53.214 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

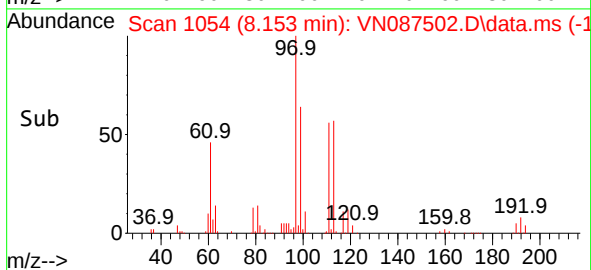
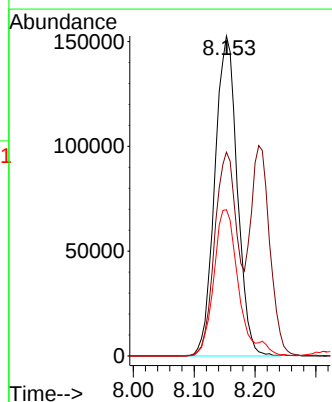
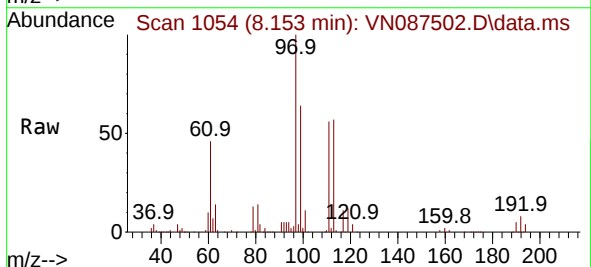
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

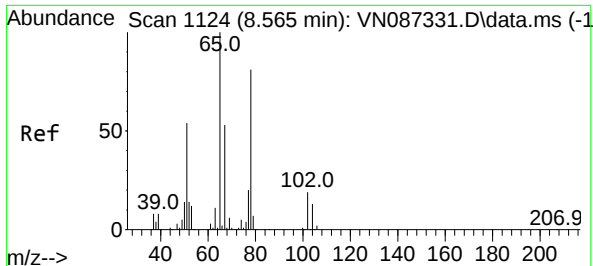
Tgt Ion: 56 Resp: 367045
Ion Ratio Lower Upper
56 100
69 31.8 22.7 34.1
84 81.1 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 54.638 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 97 Resp: 391648
Ion Ratio Lower Upper
97 100
99 65.4 51.8 77.8
61 50.6 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 53.024 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

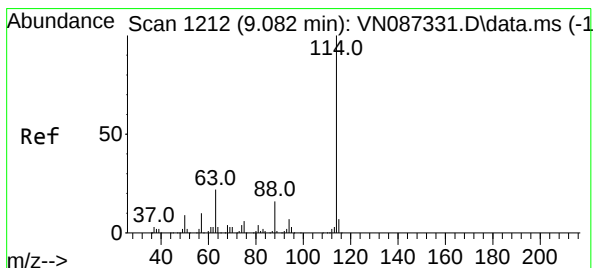
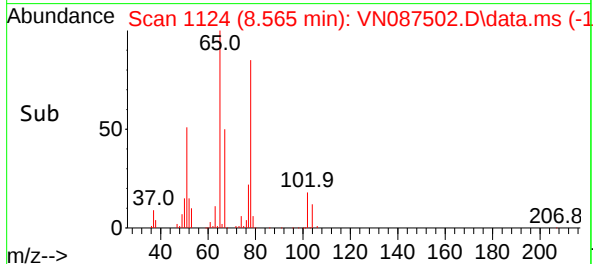
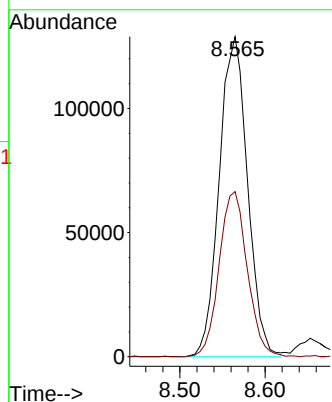
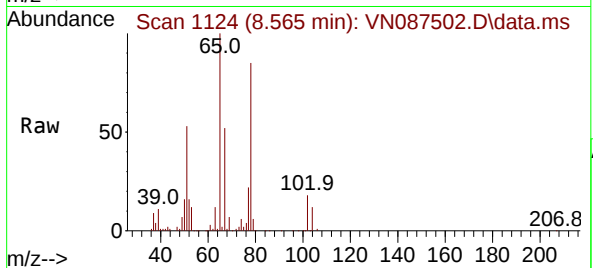
VSTDCCC050

Tgt Ion: 65 Resp: 297500

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

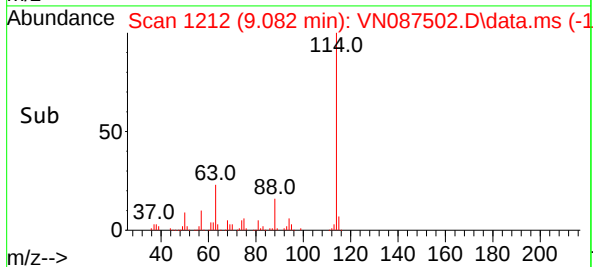
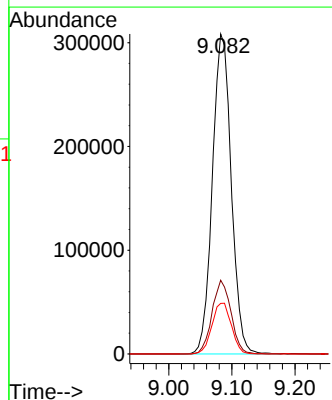
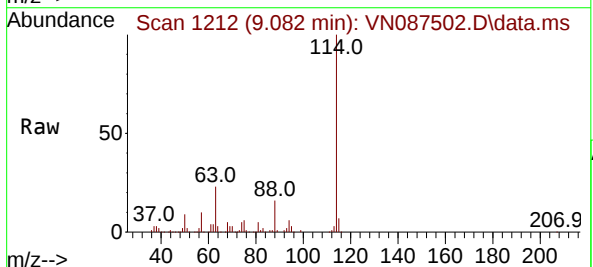
Tgt Ion: 114 Resp: 639180

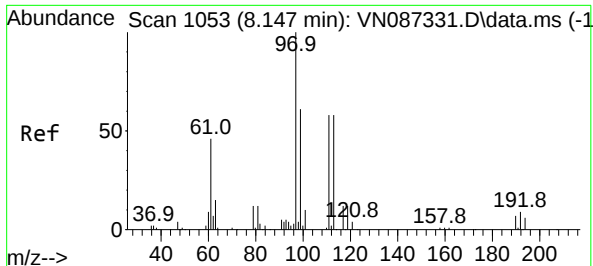
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.204 ug/l

RT: 8.153 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

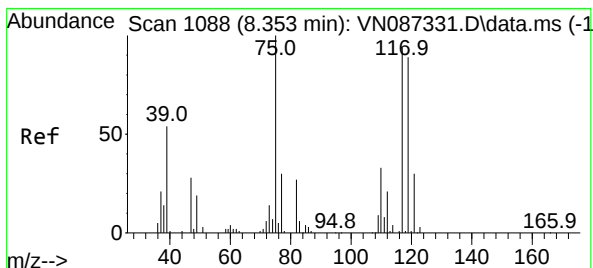
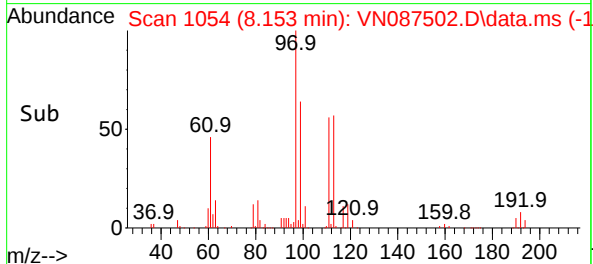
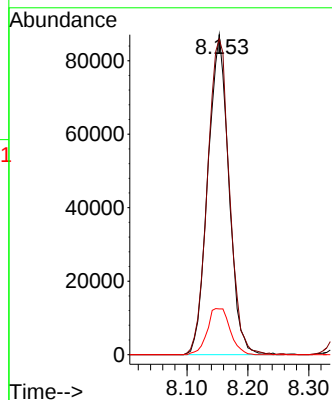
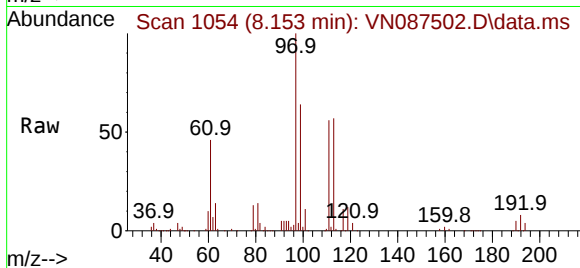
Tgt Ion:113 Resp: 208126

Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

192 15.7 13.7 20.5



#36

1,1-Dichloropropene

Concen: 51.286 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

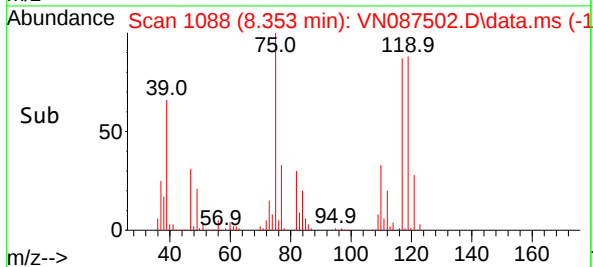
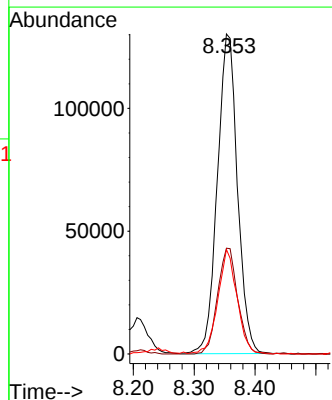
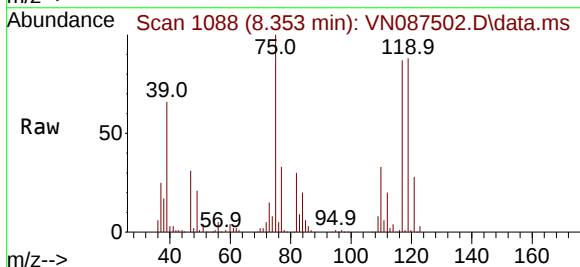
Tgt Ion: 75 Resp: 298749

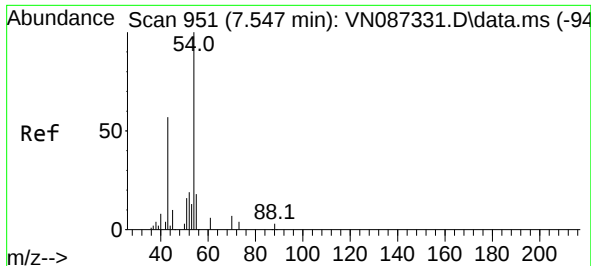
Ion Ratio Lower Upper

75 100

110 33.0 16.7 50.1

77 31.2 25.2 37.8

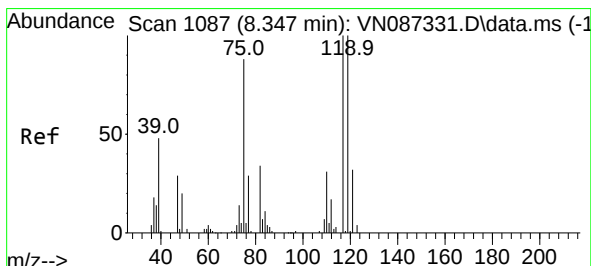
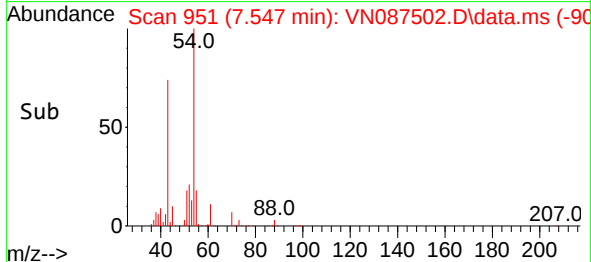
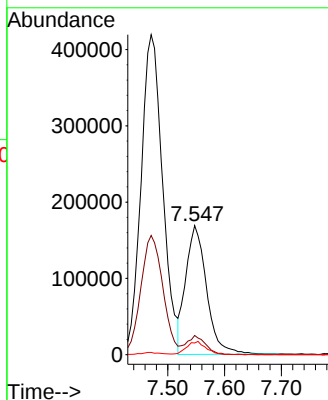
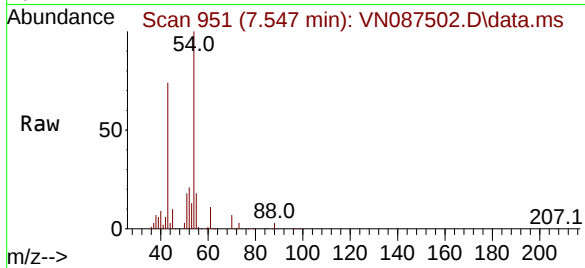




#37
Ethyl Acetate
Concen: 51.229 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

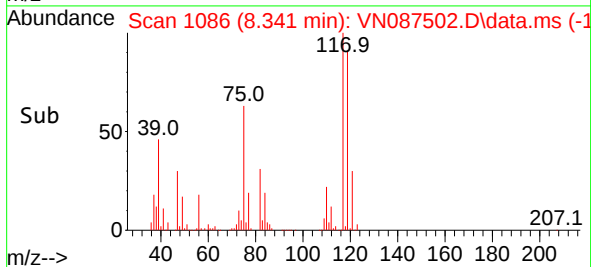
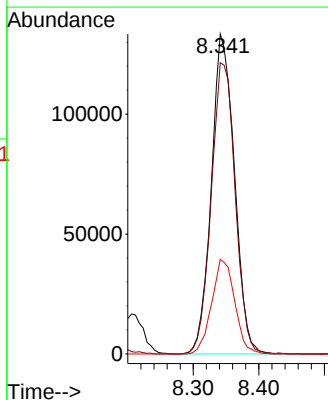
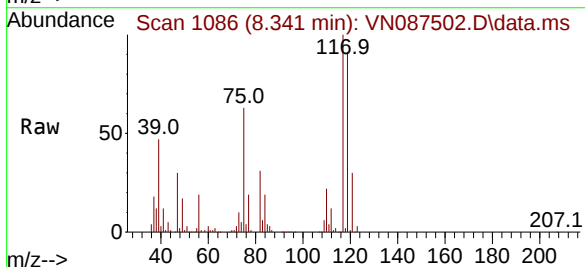
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

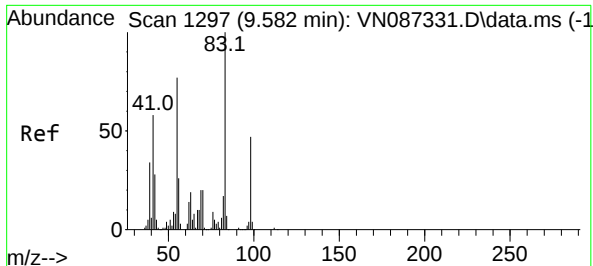
Tgt Ion: 43 Resp: 430984
Ion Ratio Lower Upper
43 100
61 13.1 10.9 16.3
70 9.6 7.4 11.0



#38
Carbon Tetrachloride
Concen: 50.833 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 117 Resp: 326189
Ion Ratio Lower Upper
117 100
119 91.0 80.2 120.2
121 29.6 25.4 38.2





#39

Methylcyclohexane

Concen: 53.058 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

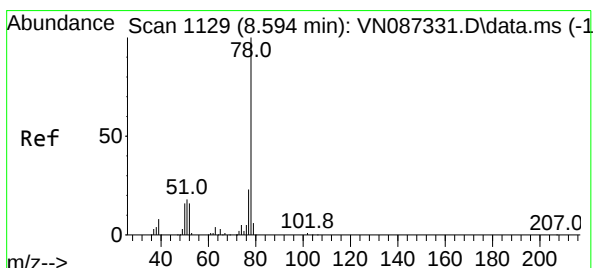
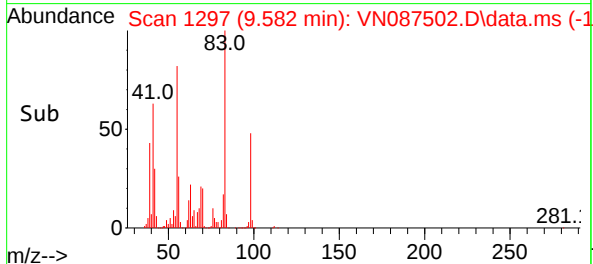
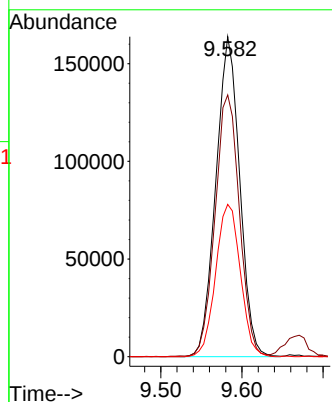
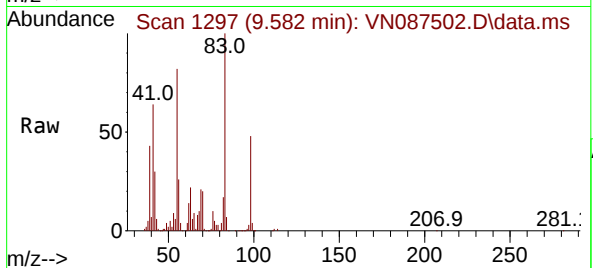
Tgt Ion: 83 Resp: 334615

Ion Ratio Lower Upper

83 100

55 81.6 61.3 91.9

98 47.6 37.9 56.9



#40

Benzene

Concen: 51.720 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087502.D

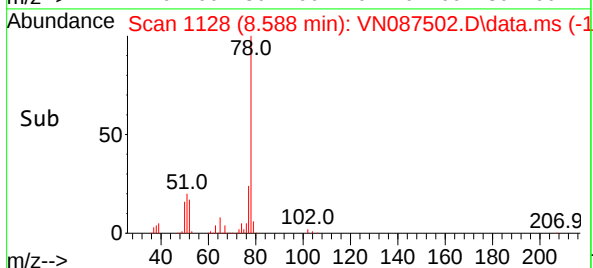
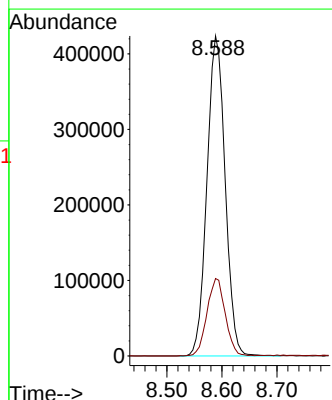
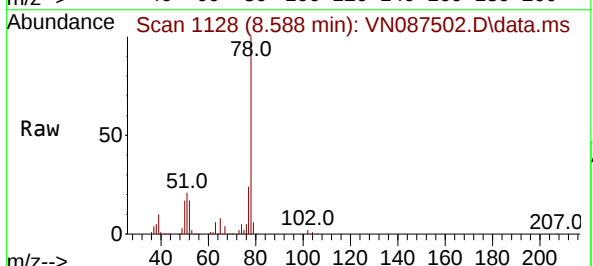
Acq: 12 Aug 2025 10:24

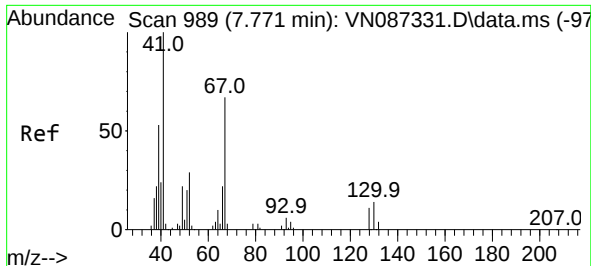
Tgt Ion: 78 Resp: 973729

Ion Ratio Lower Upper

78 100

77 24.1 18.2 27.2



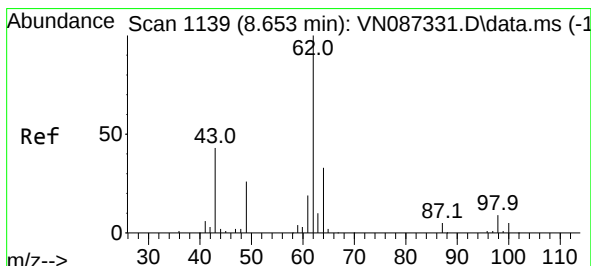
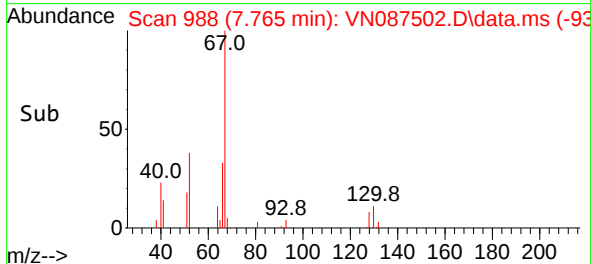
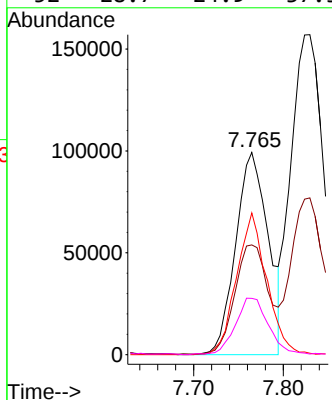
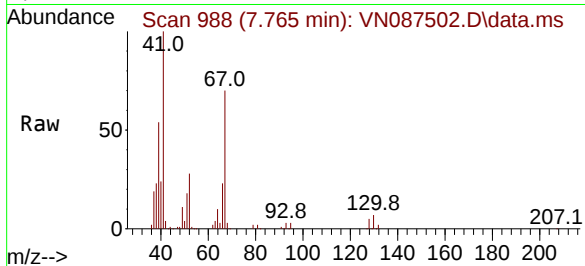


#41
Methacrylonitrile
Concen: 57.033 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 250885

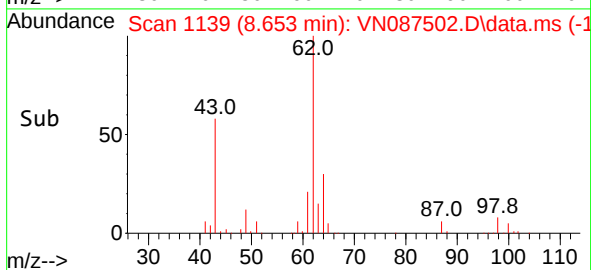
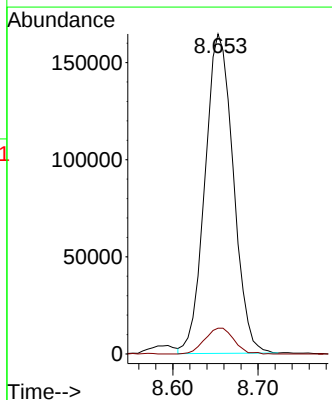
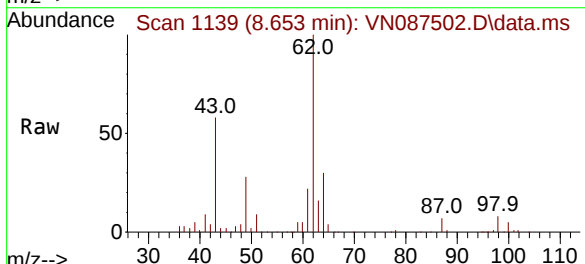
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.4	65.0
67	65.3	55.1	82.7
52	28.7	24.9	37.3

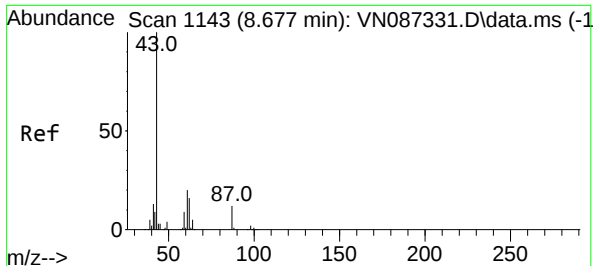


#42
1,2-Dichloroethane
Concen: 53.165 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 62 Resp: 379576

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.0

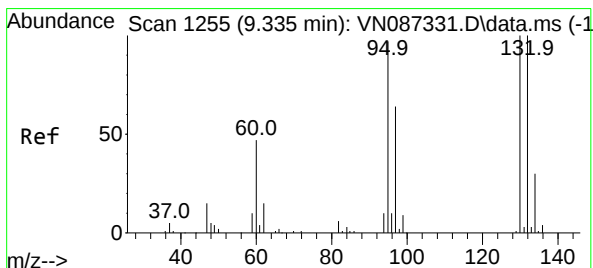
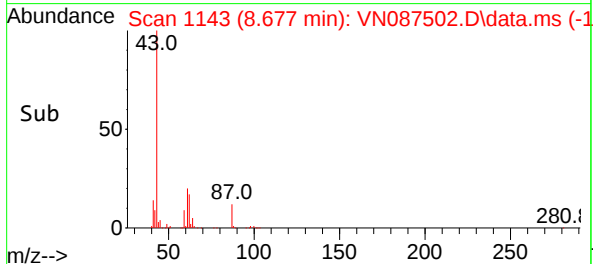
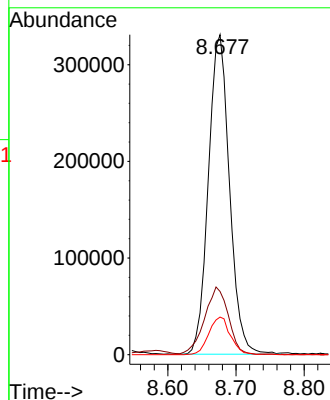
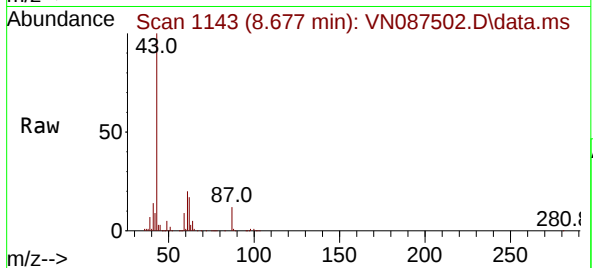




#43
Isopropyl Acetate
Concen: 54.554 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

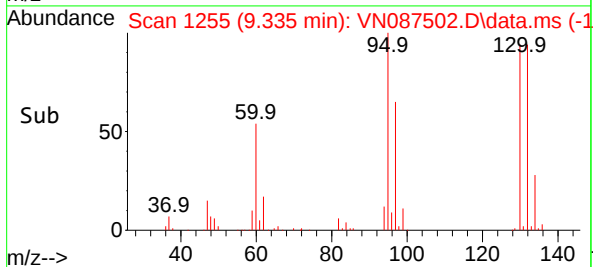
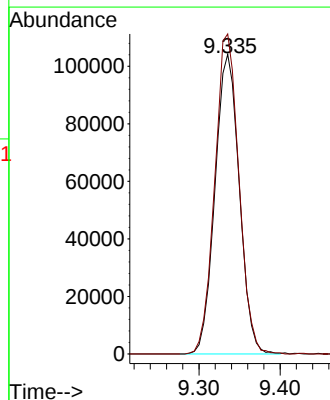
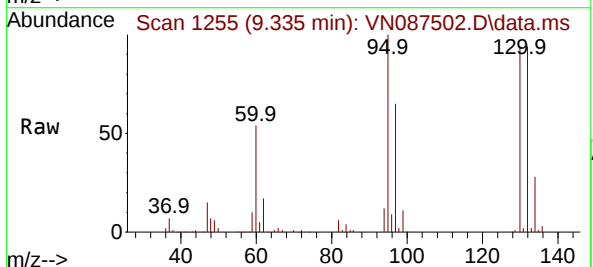
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

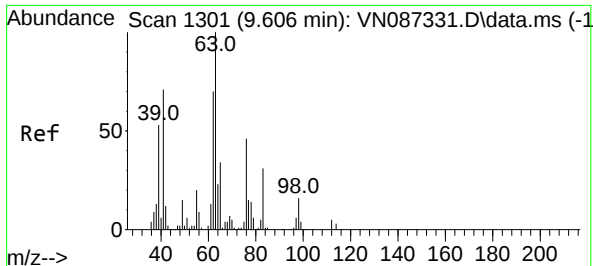
Tgt Ion:	43	Resp:	712456
Ion	Ratio	Lower	Upper
43	100		
61	23.7	19.8	29.8
87	12.0	9.8	14.6



#44
Trichloroethene
Concen: 48.652 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:	130	Resp:	216430
Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	195.2





#45

1,2-Dichloropropane

Concen: 51.577 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

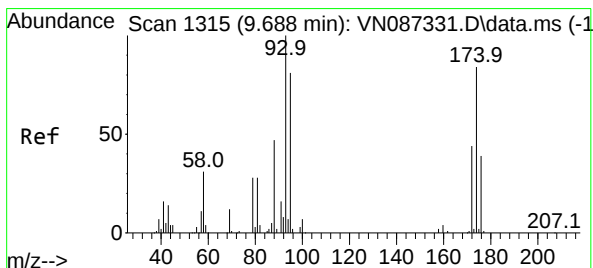
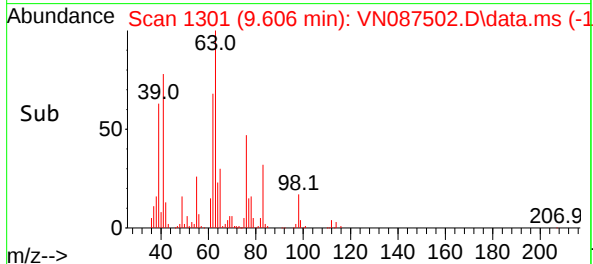
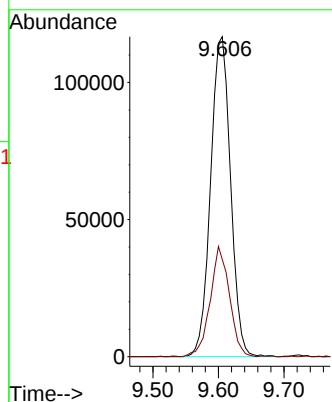
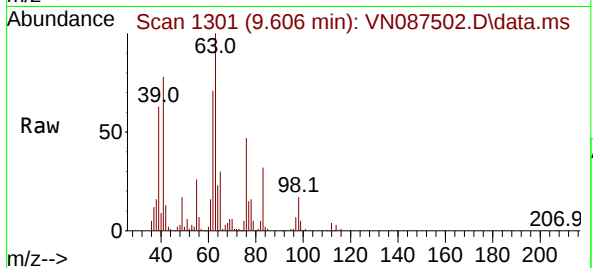
VSTDCCC050

Tgt Ion: 63 Resp: 246730

Ion Ratio Lower Upper

63 100

65 30.4 27.0 40.4



#46

Dibromomethane

Concen: 51.124 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

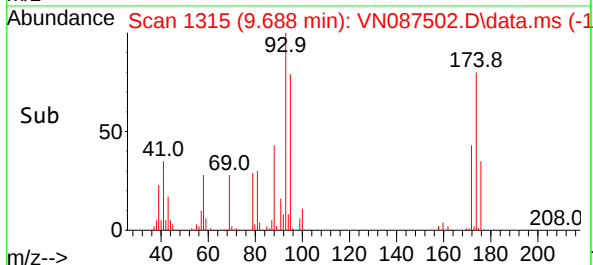
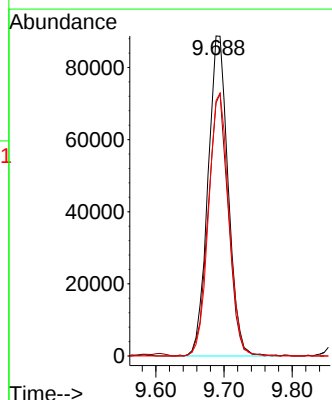
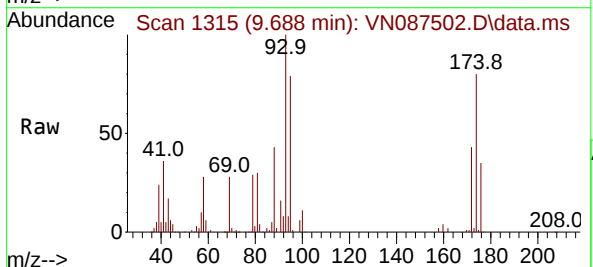
Tgt Ion: 93 Resp: 183110

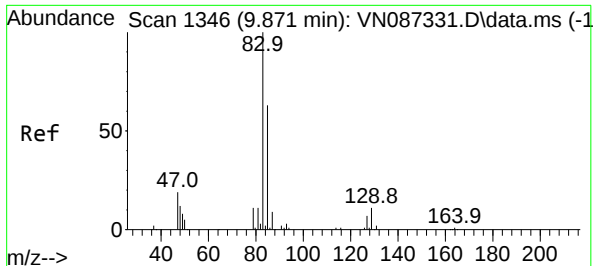
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.8

174 82.4 69.9 104.9

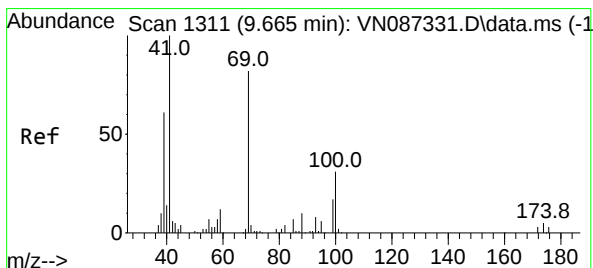
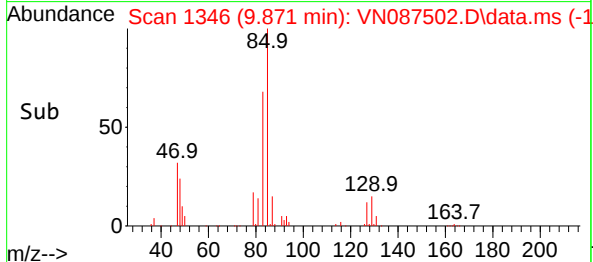
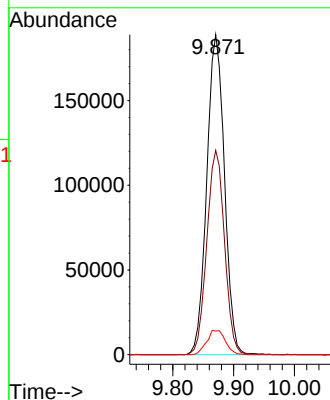
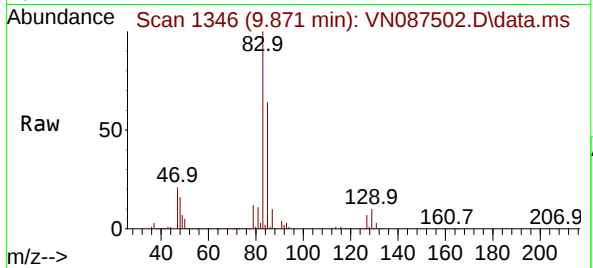




#47
Bromodichloromethane
Concen: 52.785 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

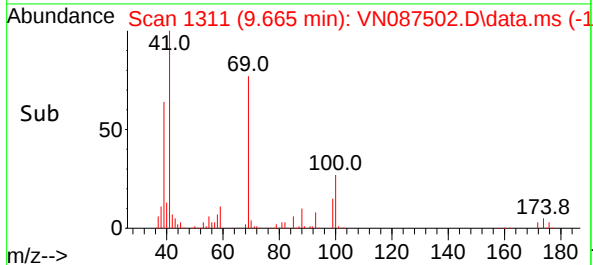
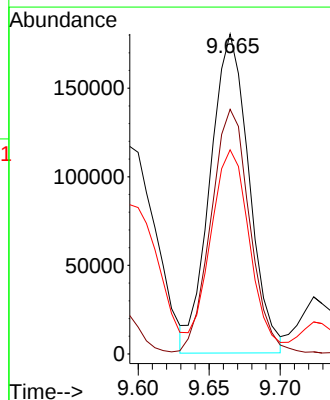
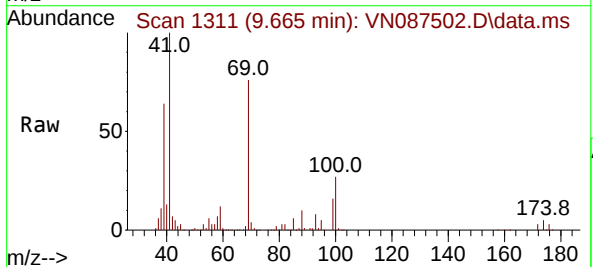
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

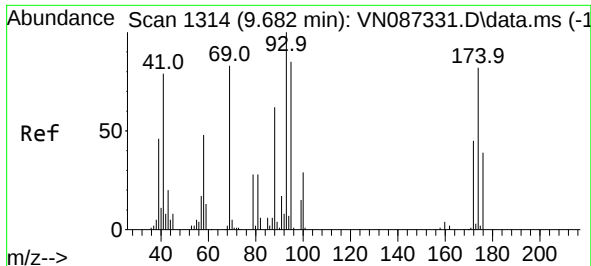
Tgt Ion: 83 Resp: 380818
Ion Ratio Lower Upper
83 100
85 63.8 50.4 75.6
127 7.4 5.8 8.8



#48
Methyl methacrylate
Concen: 58.304 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 41 Resp: 342785
Ion Ratio Lower Upper
41 100
69 77.0 64.1 96.1
39 64.0 45.5 68.3





#49

1,4-Dioxane

Concen: 1048.916 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

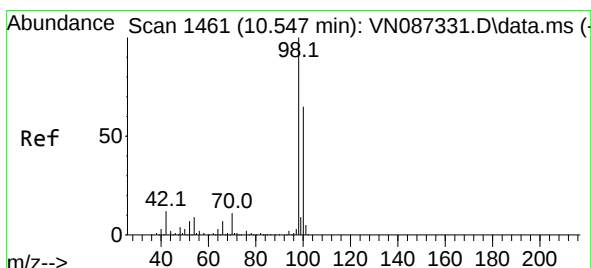
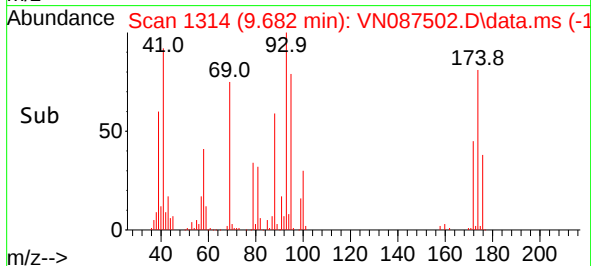
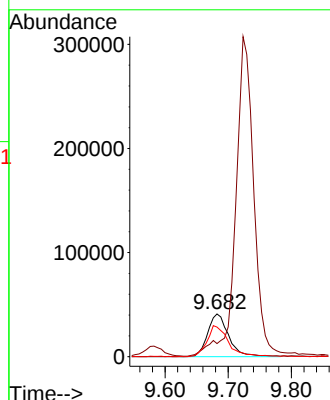
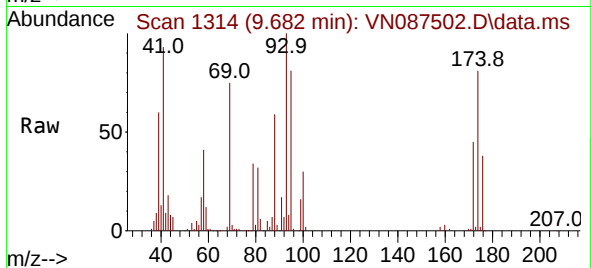
Tgt Ion: 88 Resp: 94453

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.5 61.1 91.7



#50

Toluene-d8

Concen: 48.563 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087502.D

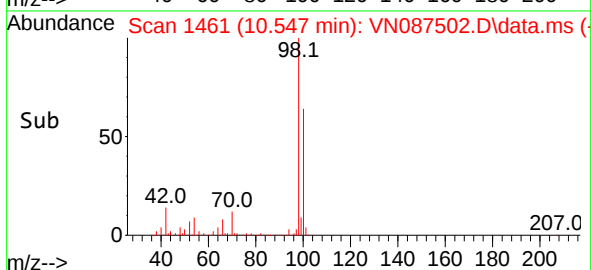
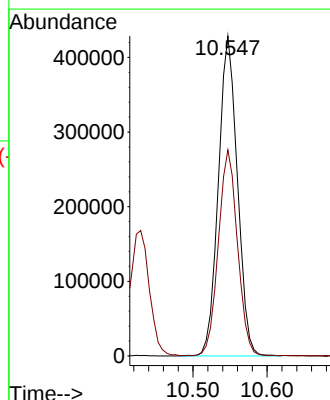
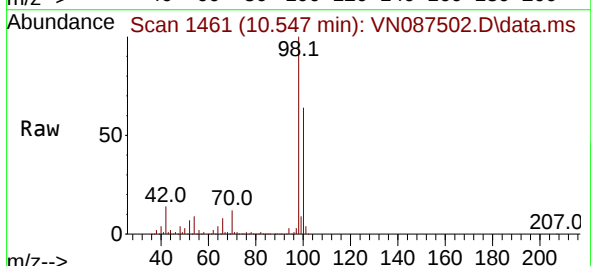
Acq: 12 Aug 2025 10:24

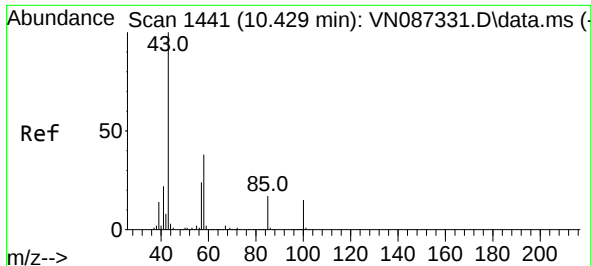
Tgt Ion: 98 Resp: 763783

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

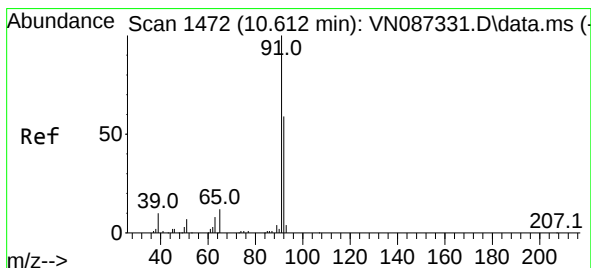
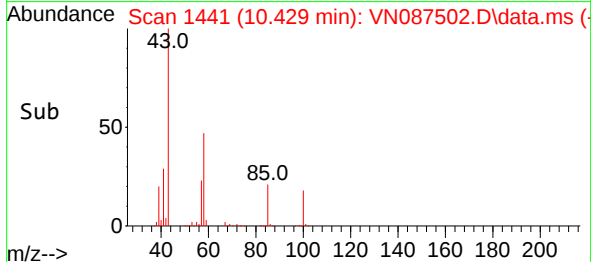
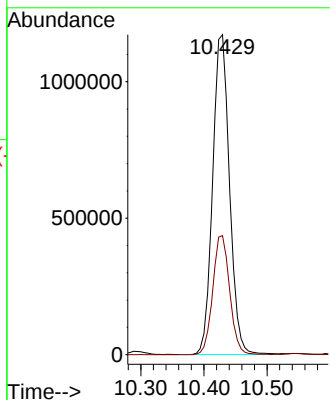
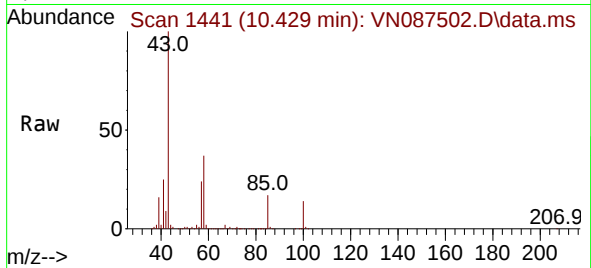




#51
4-Methyl-2-Pentanone
Concen: 263.494 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

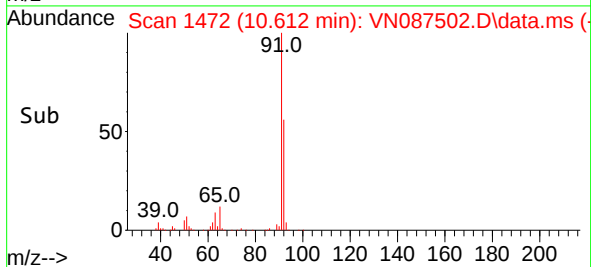
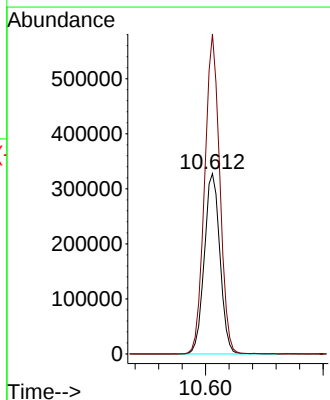
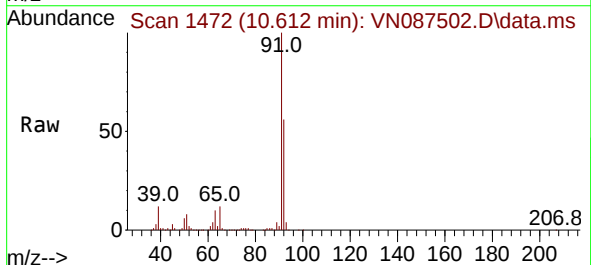
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

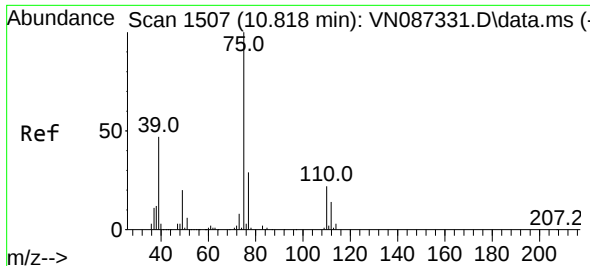
Tgt Ion: 43 Resp: 2176445
Ion Ratio Lower Upper
43 100
58 37.4 30.8 46.2



#52
Toluene
Concen: 52.597 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 92 Resp: 601880
Ion Ratio Lower Upper
92 100
91 172.0 135.1 202.7

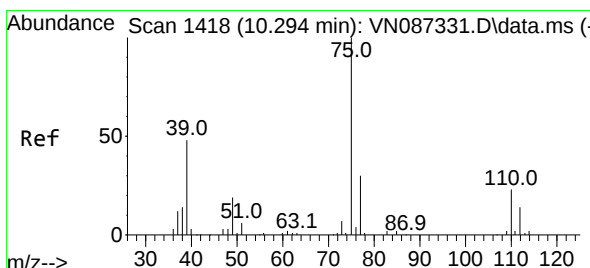
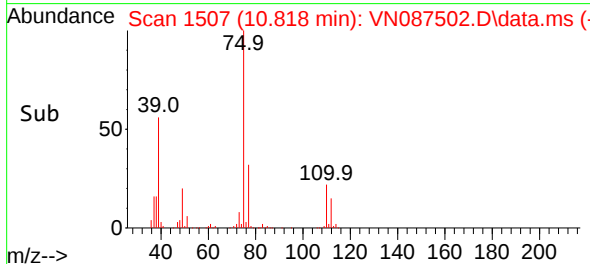
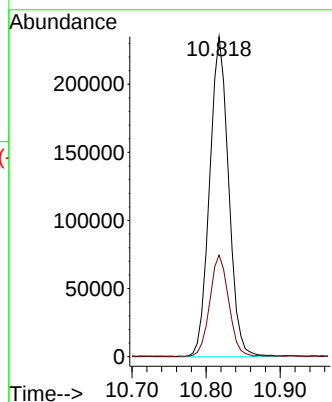
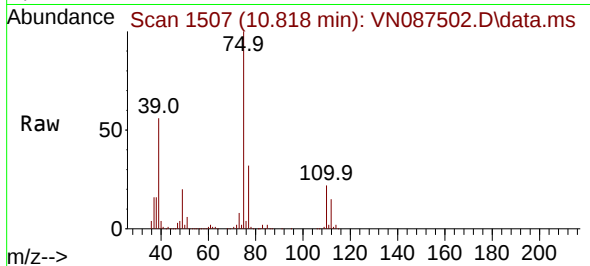




#53
t-1,3-Dichloropropene
Concen: 57.395 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

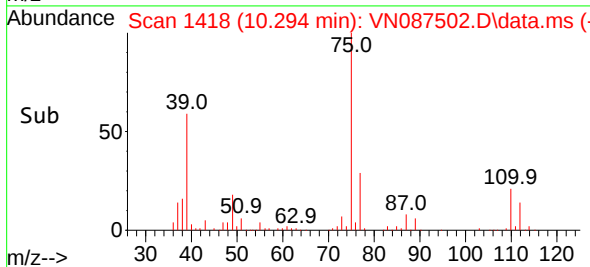
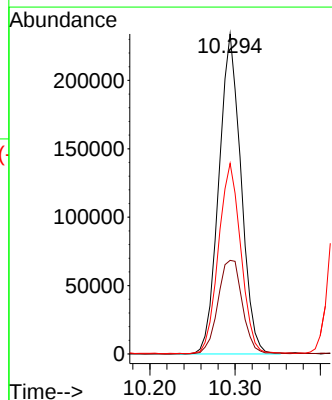
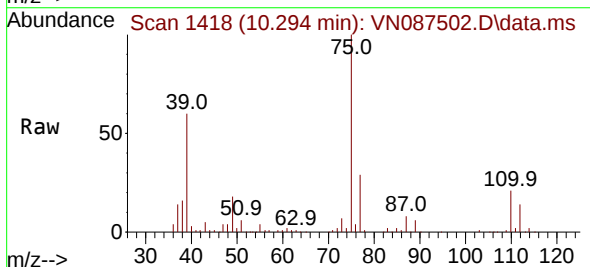
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

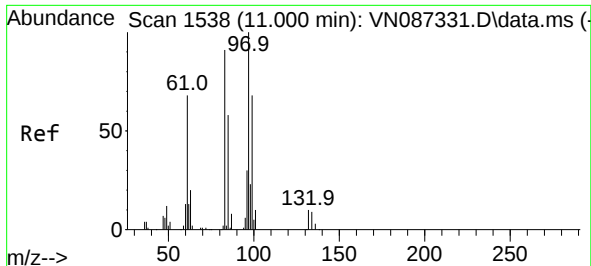
Tgt Ion: 75 Resp: 419058
Ion Ratio Lower Upper
75 100
77 31.6 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 55.857 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 75 Resp: 421265
Ion Ratio Lower Upper
75 100
77 29.0 24.2 36.2
39 59.4 38.4 57.6#



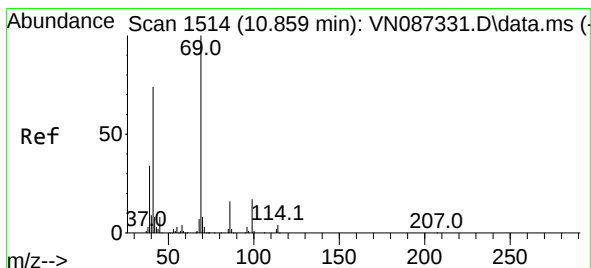
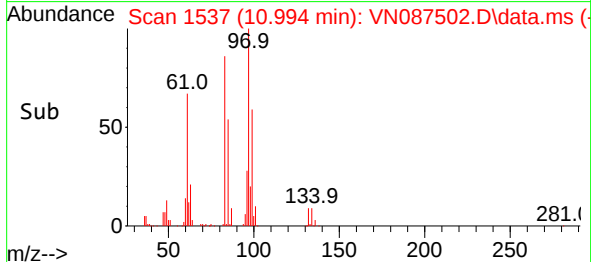
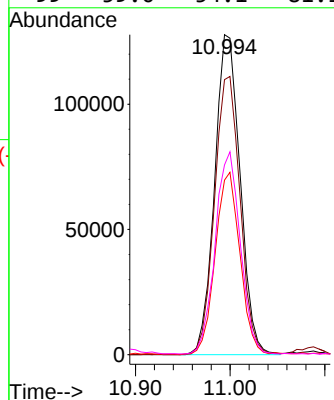
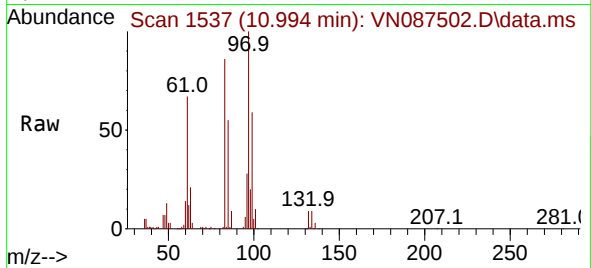


#55
1,1,2-Trichloroethane
Concen: 51.637 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 239225

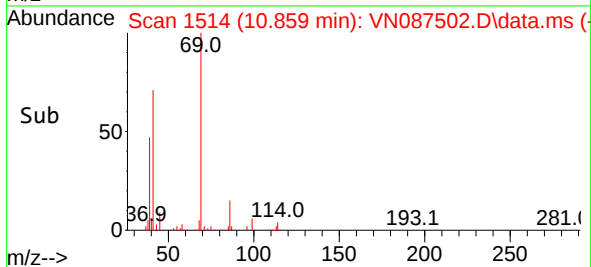
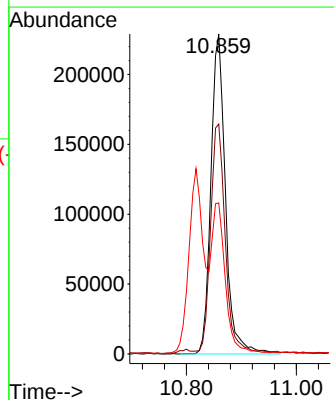
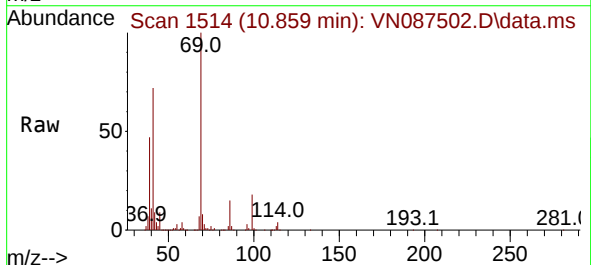
Ion	Ratio	Lower	Upper
97	100		
83	85.9	72.6	109.0
85	54.6	46.7	70.1
99	59.0	54.1	81.1

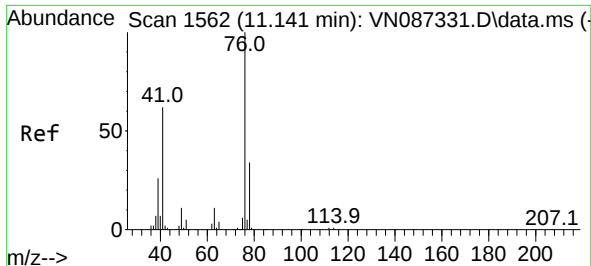


#56
Ethyl methacrylate
Concen: 53.919 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 69 Resp: 421434

Ion	Ratio	Lower	Upper
69	100		
41	70.9	55.1	82.7
39	42.3	27.9	41.9

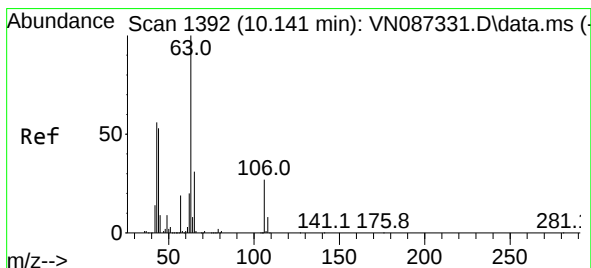
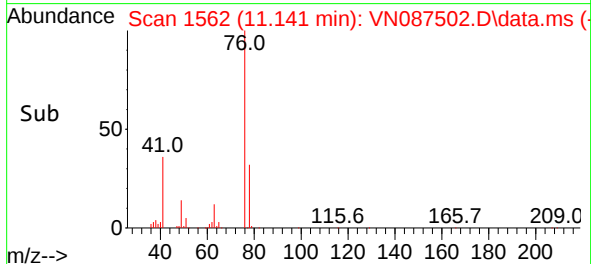
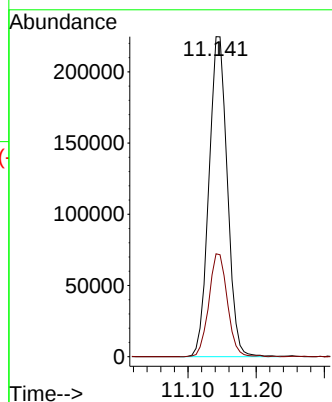
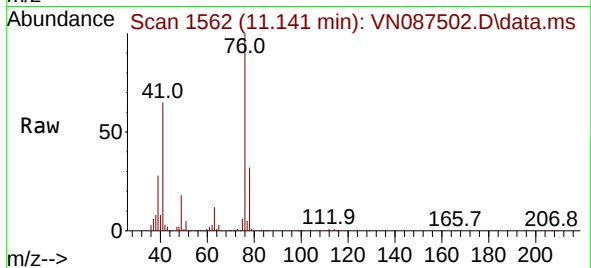




#57
1,3-Dichloropropane
Concen: 52.696 ug/l
RT: 11.141 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

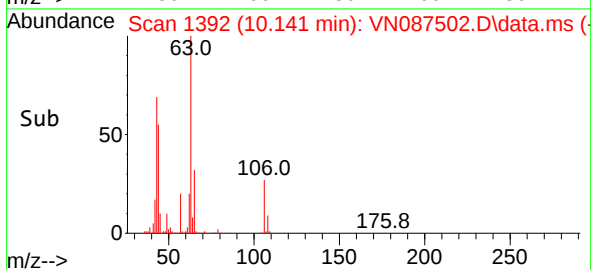
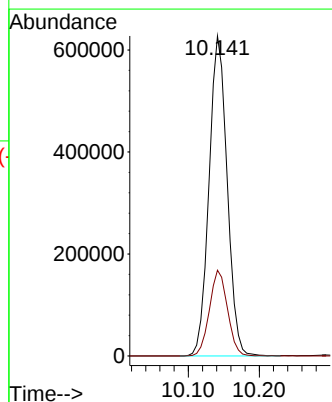
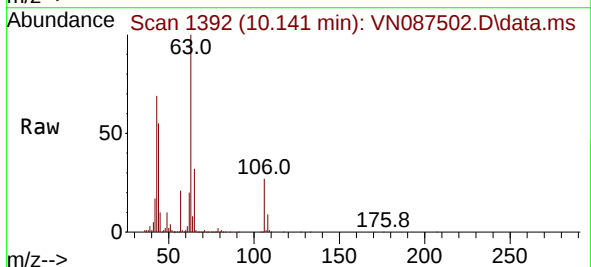
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

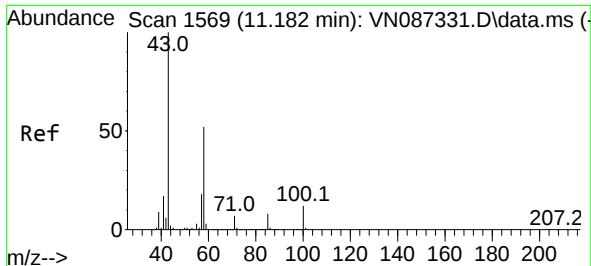
Tgt Ion: 76 Resp: 422100
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 292.701 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 63 Resp: 1112387
Ion Ratio Lower Upper
63 100
106 26.7 21.7 32.5

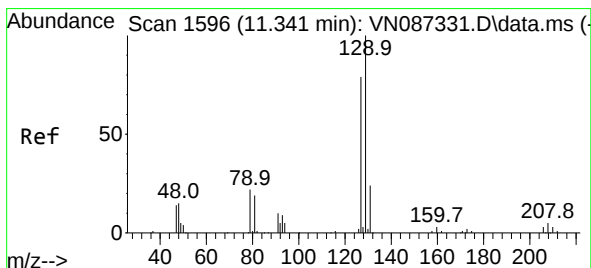
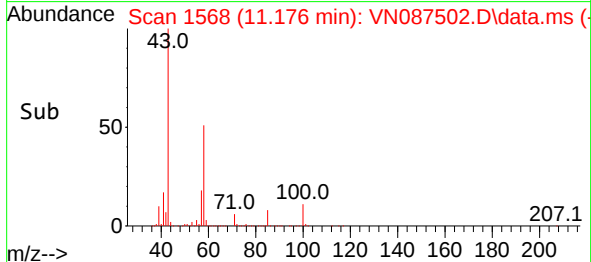
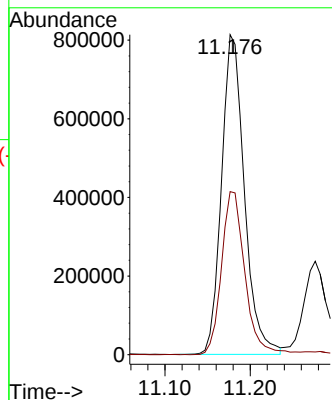
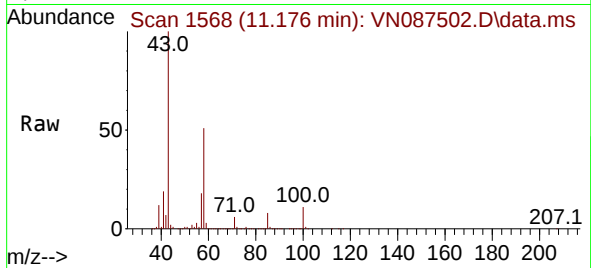




#59
2-Hexanone
Concen: 276.651 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

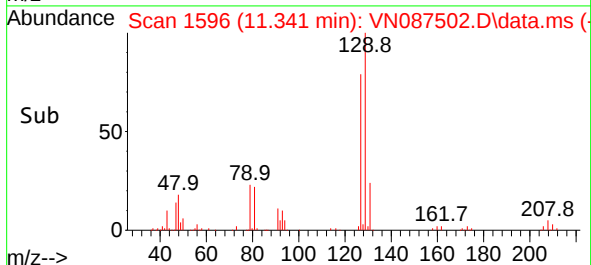
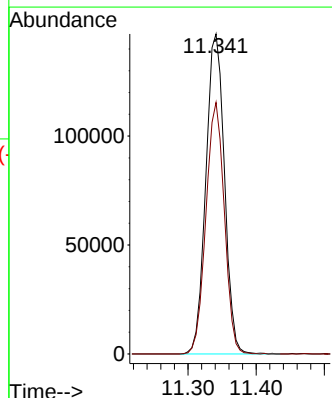
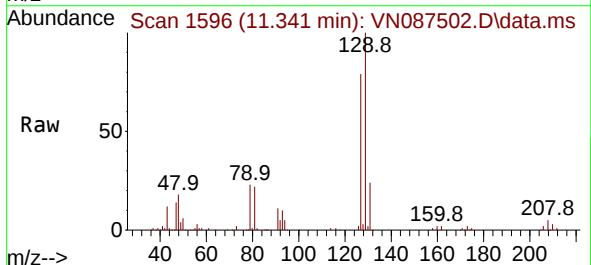
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

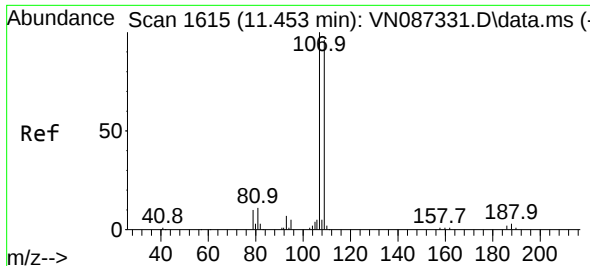
Tgt Ion: 43 Resp: 1516088
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.0



#60
Dibromochloromethane
Concen: 52.733 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:129 Resp: 278616
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.5

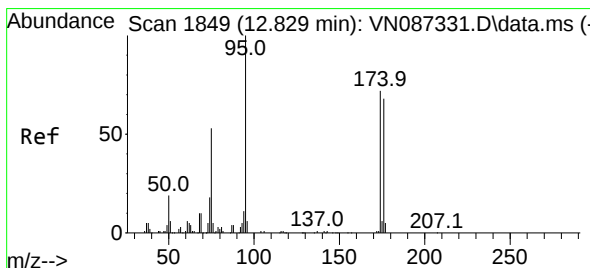
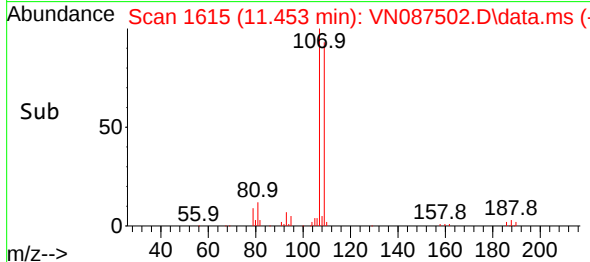
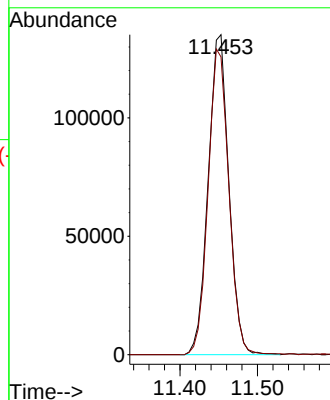
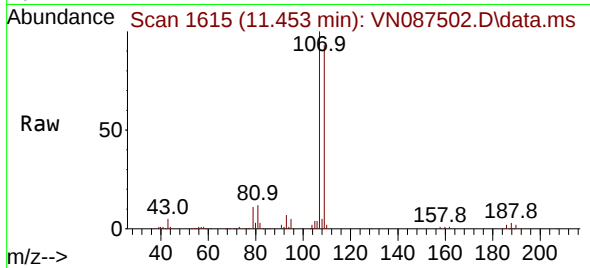




#61
1,2-Dibromoethane
Concen: 51.372 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

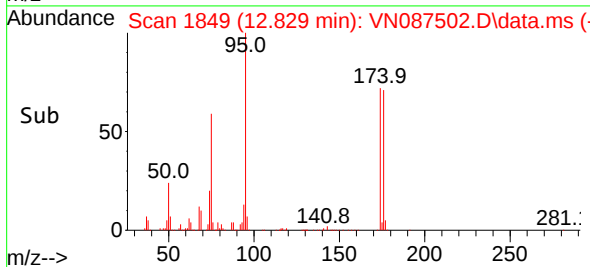
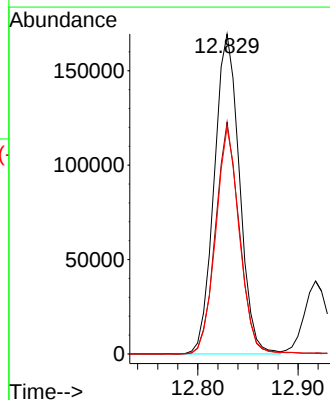
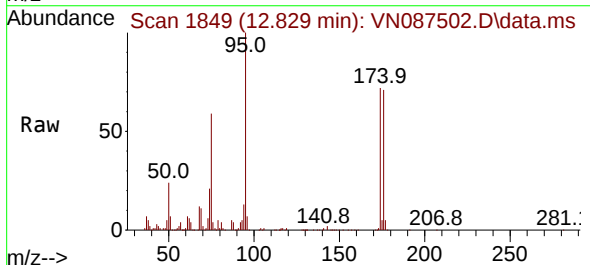
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

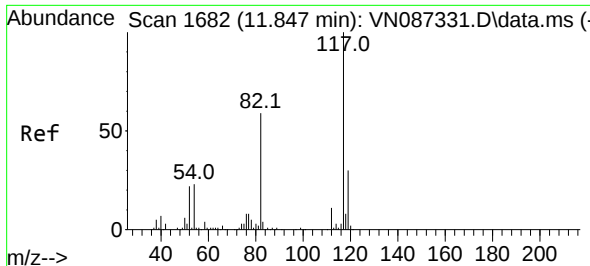
Tgt Ion:107 Resp: 250244
Ion Ratio Lower Upper
107 100
109 95.8 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 50.882 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 95 Resp: 295656
Ion Ratio Lower Upper
95 100
174 68.7 0.0 149.4
176 66.6 0.0 141.2

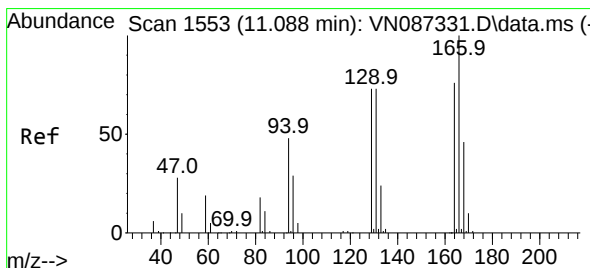
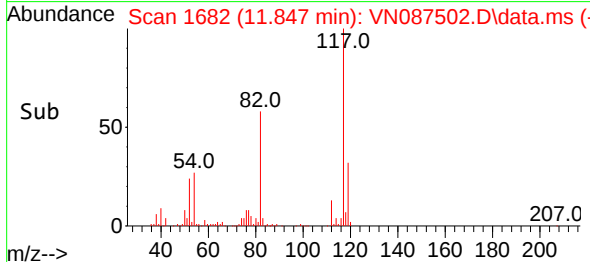
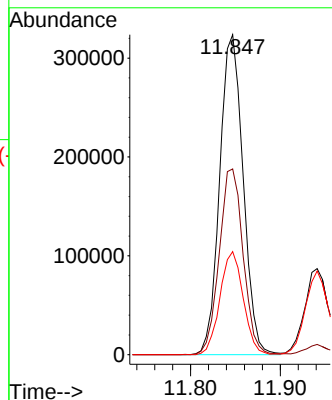
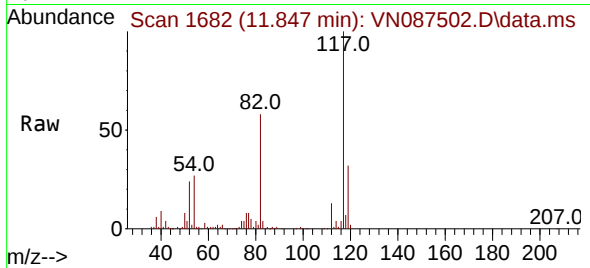




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

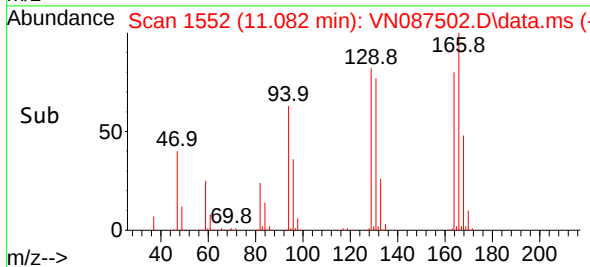
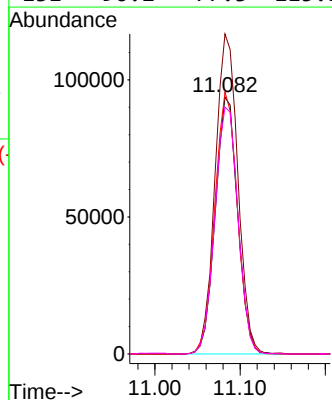
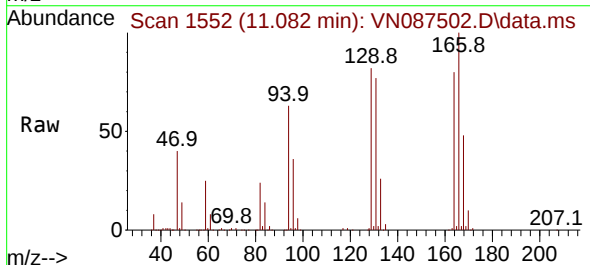
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

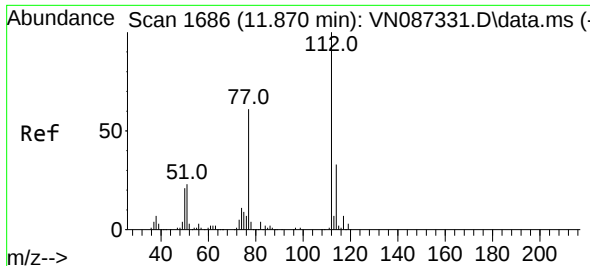
Tgt Ion:117 Resp: 587049
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.2 23.8 35.8



#64
Tetrachloroethene
Concen: 45.208 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:164 Resp: 170810
Ion Ratio Lower Upper
164 100
166 124.6 105.5 158.3
129 101.9 77.4 116.2
131 96.2 77.3 115.9

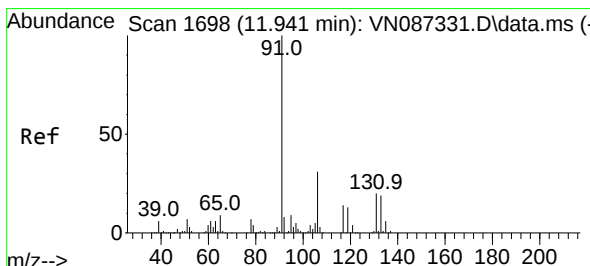
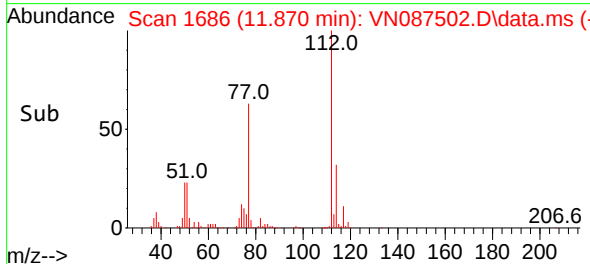
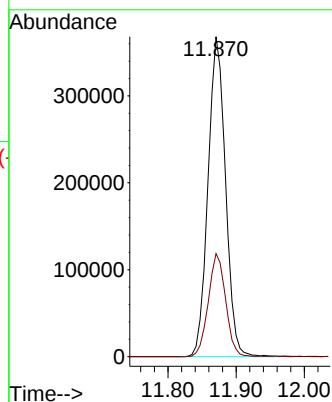
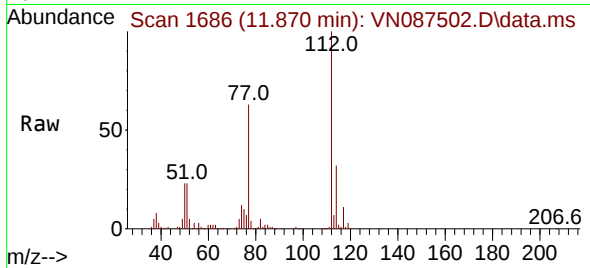




#65
Chlorobenzene
Concen: 49.908 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

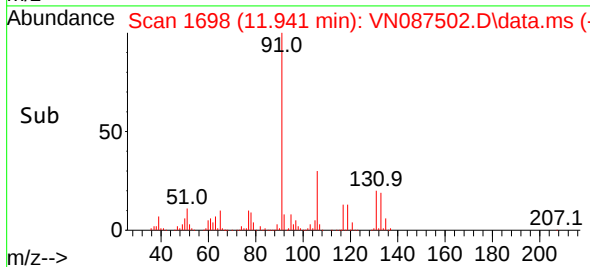
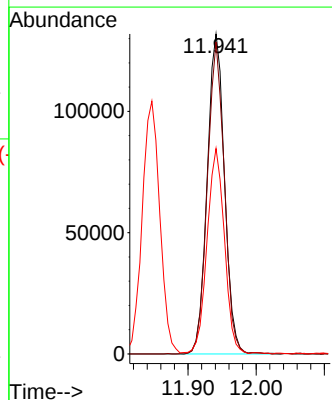
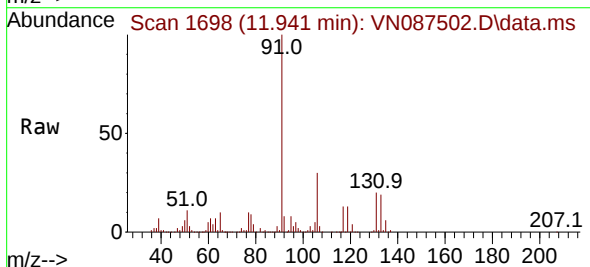
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

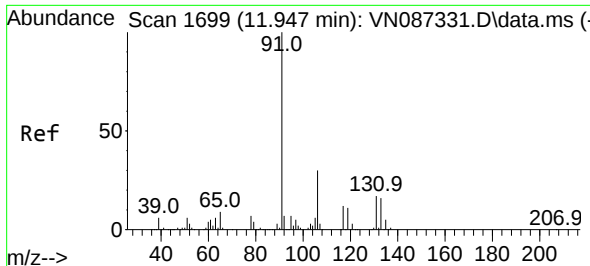
Tgt Ion:112 Resp: 657775
Ion Ratio Lower Upper
112 100
114 32.2 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.042 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:131 Resp: 233230
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 63.6 33.1 99.2

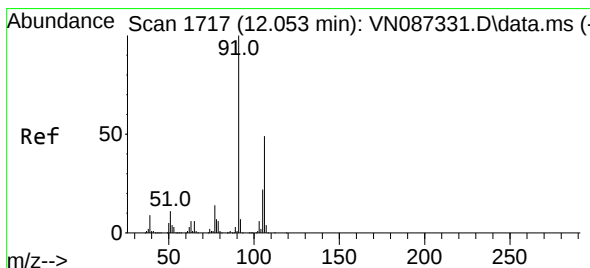
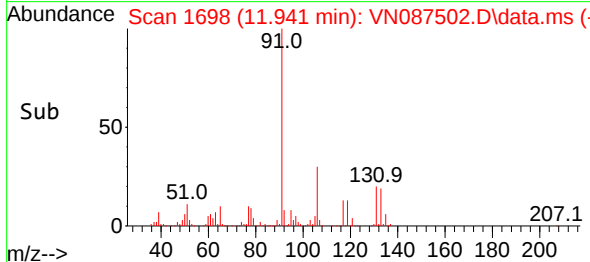
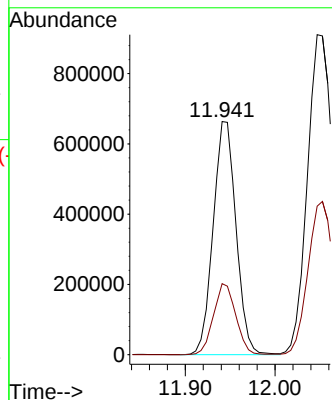
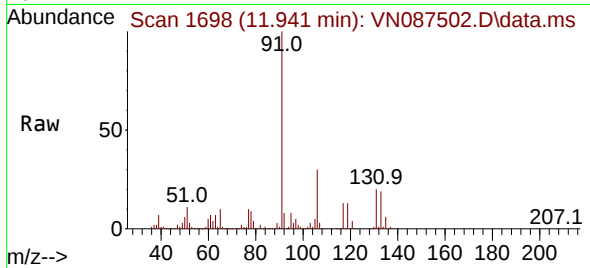




#67
Ethyl Benzene
Concen: 54.212 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

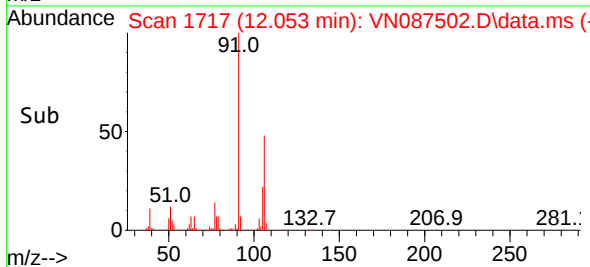
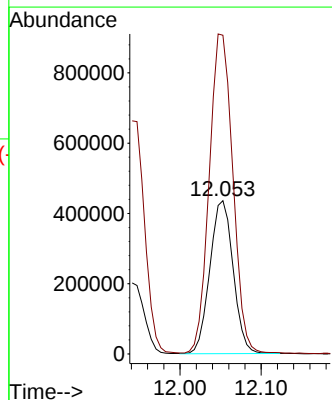
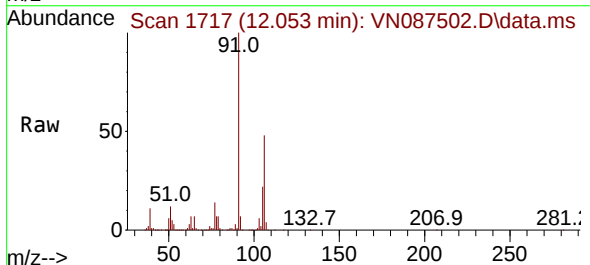
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

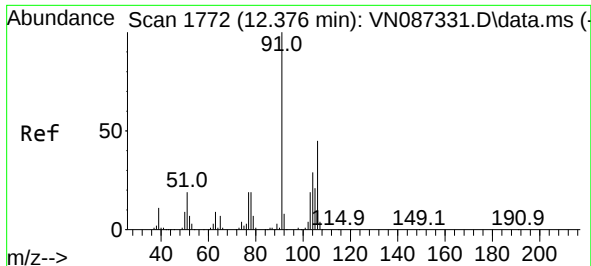
Tgt Ion: 91 Resp: 1176241
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 107.076 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:106 Resp: 869964
Ion Ratio Lower Upper
106 100
91 212.1 162.0 243.0

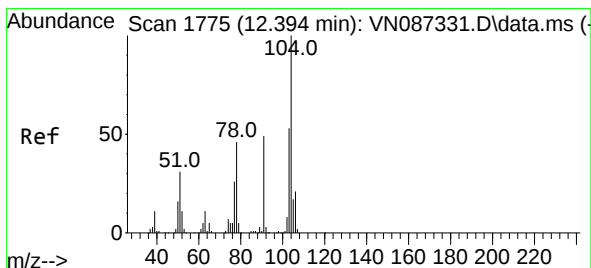
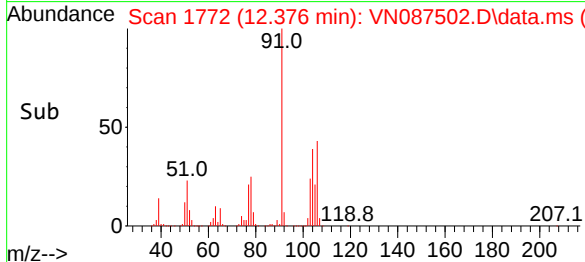
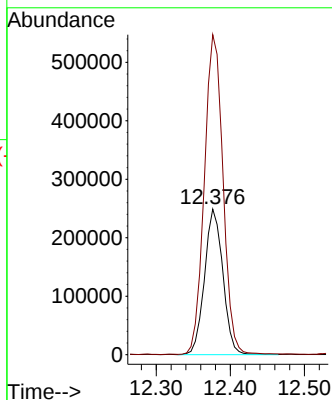
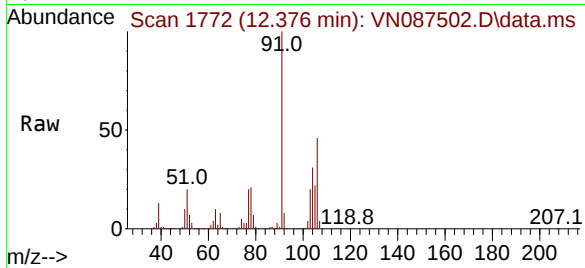




#69
o-Xylene
Concen: 55.254 ug/l
RT: 12.376 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

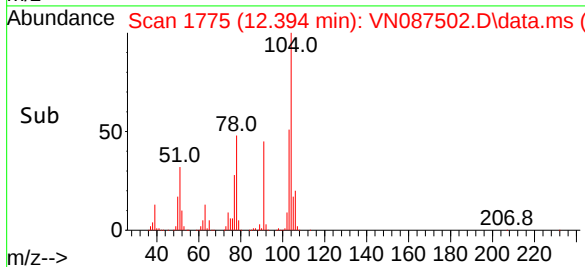
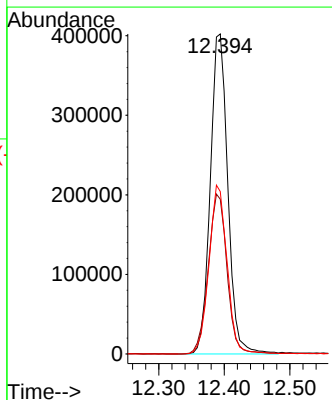
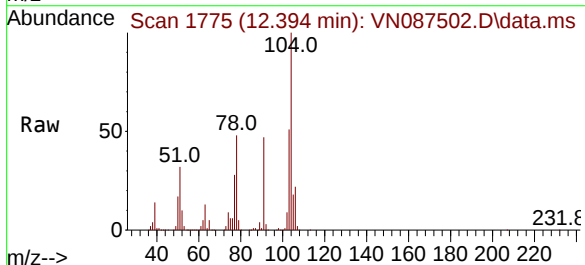
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

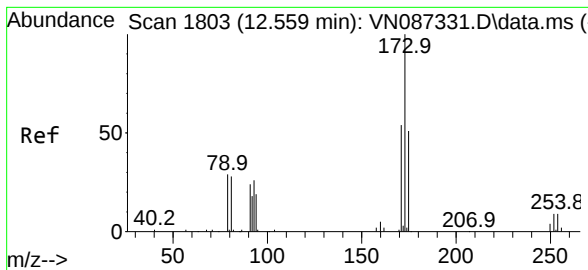
Tgt Ion:106 Resp: 428823
Ion Ratio Lower Upper
106 100
91 224.2 107.7 323.3



#70
Styrene
Concen: 57.114 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:104 Resp: 745658
Ion Ratio Lower Upper
104 100
78 53.7 41.0 61.6
103 54.5 43.9 65.9





#71

Bromoform

Concen: 51.560 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

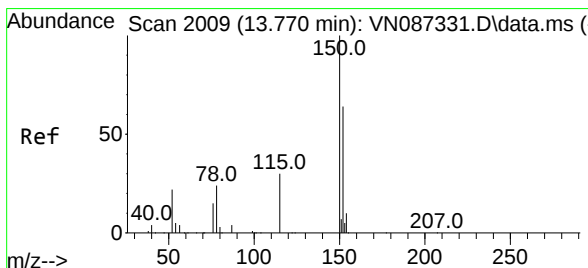
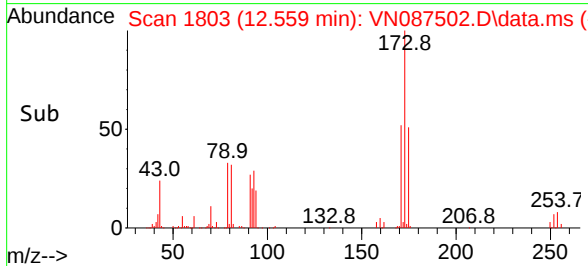
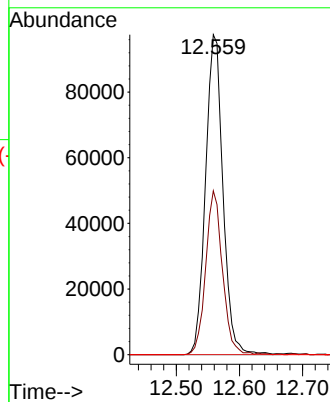
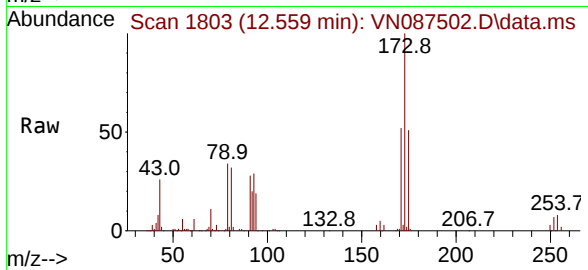
Tgt Ion:173 Resp: 186678

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

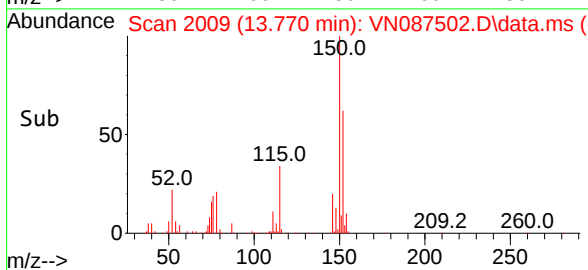
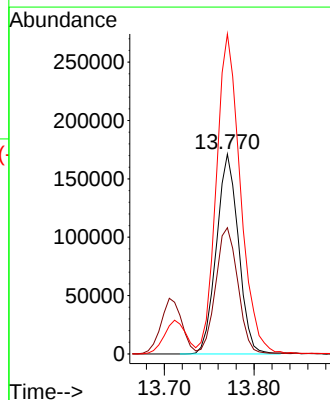
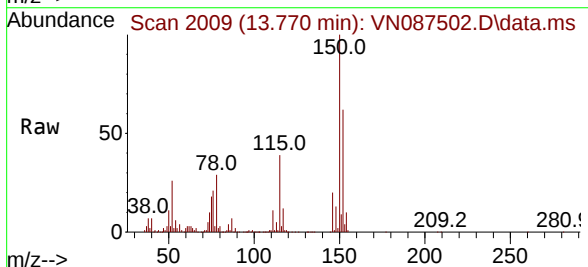
Tgt Ion:152 Resp: 291692

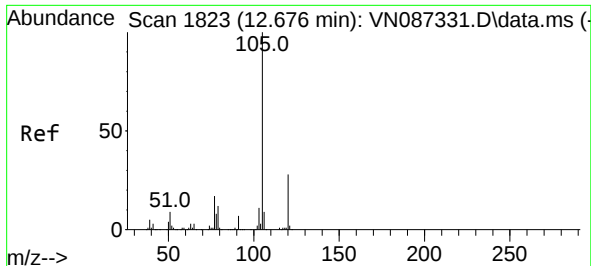
Ion Ratio Lower Upper

152 100

115 63.6 31.1 93.5

150 174.1 0.0 349.0

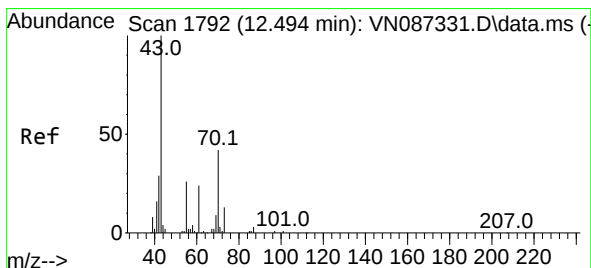
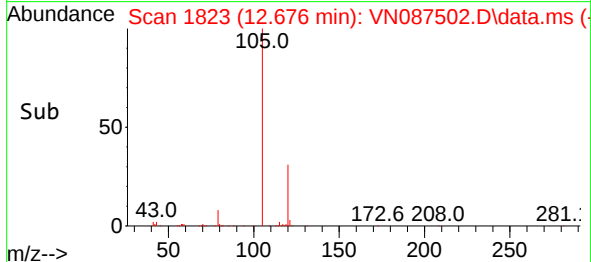
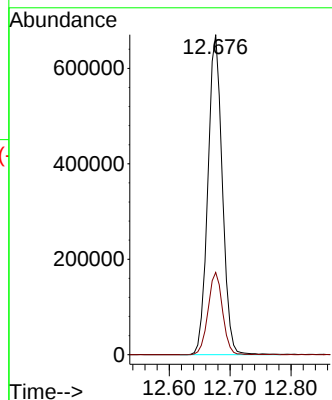
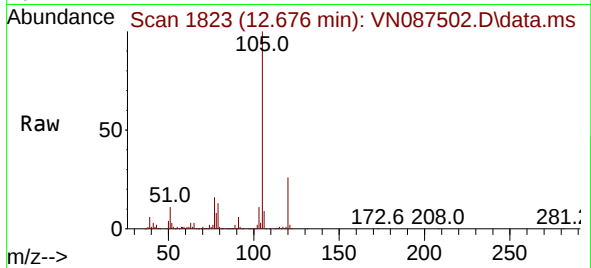




#73
Isopropylbenzene
Concen: 60.019 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

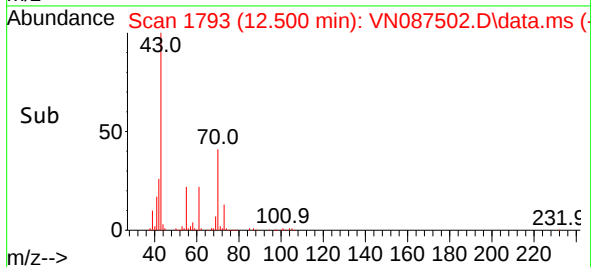
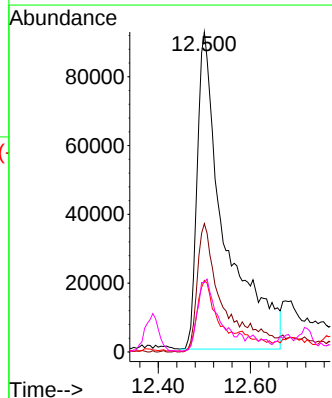
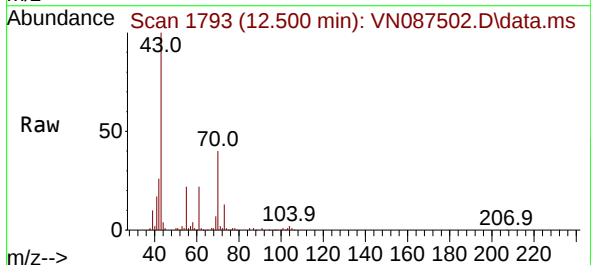
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

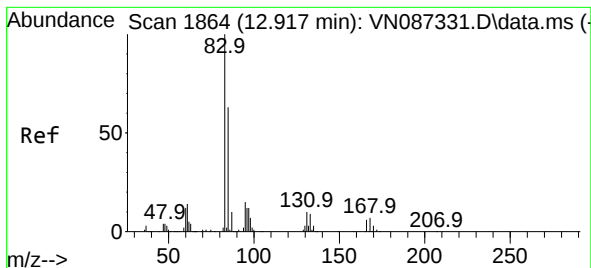
Tgt Ion:105 Resp: 1101854
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 50.138 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 43 Resp: 382429
Ion Ratio Lower Upper
43 100
70 38.8 37.6 56.4
55 16.8 19.6 29.4#
61 17.2 20.6 31.0#

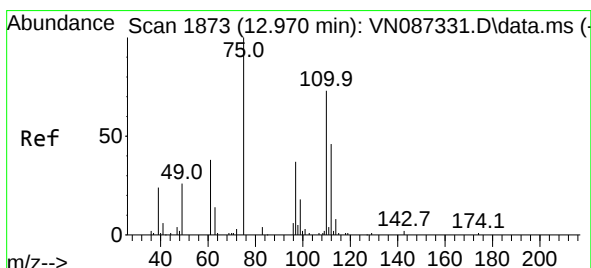
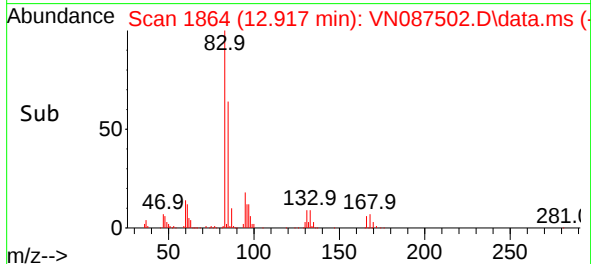
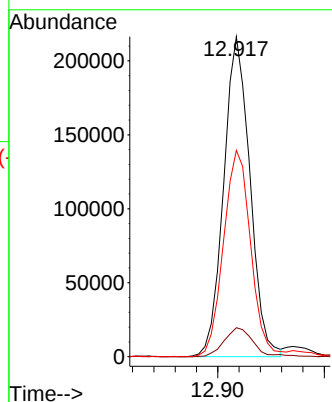
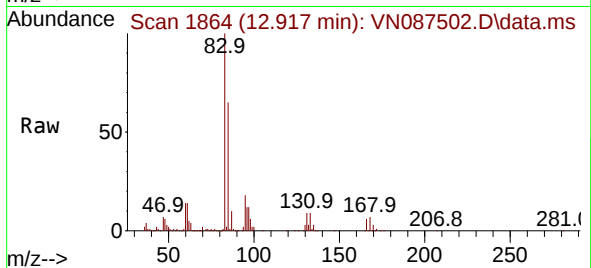




#75
1,1,2-Tetrachloroethane
Concen: 53.735 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

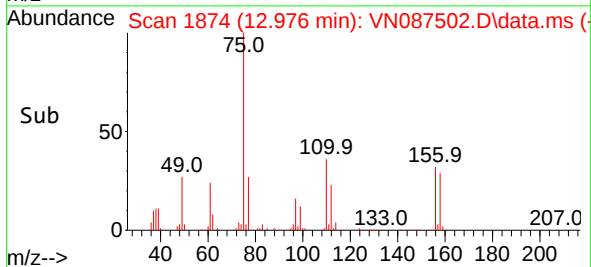
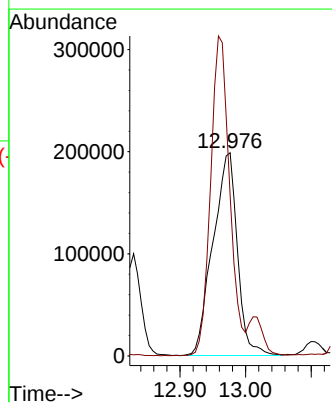
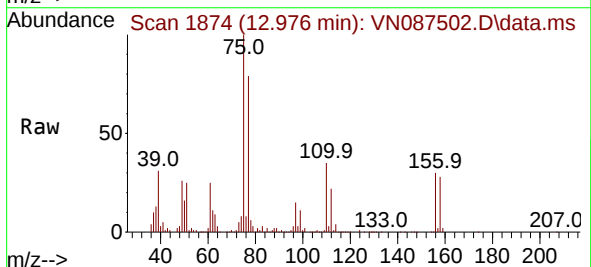
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

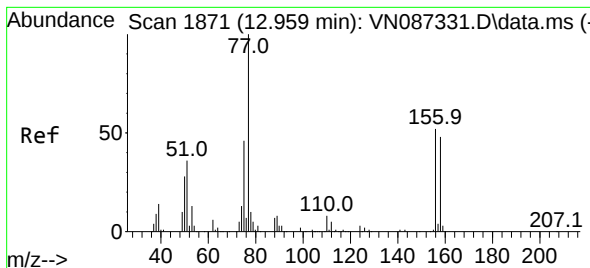
Tgt Ion: 83 Resp: 371197
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 66.7 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 78.255 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 75 Resp: 511862
Ion Ratio Lower Upper
75 100
77 123.7 94.5 283.6





#77

Bromobenzene

Concen: 54.217 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

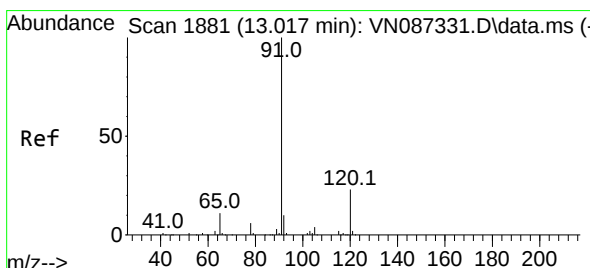
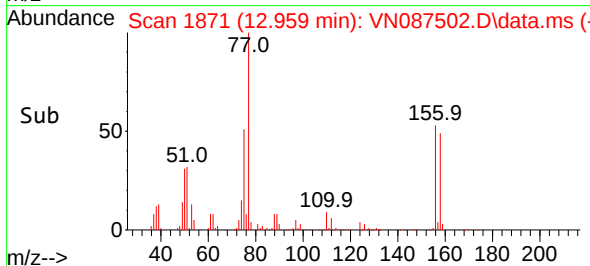
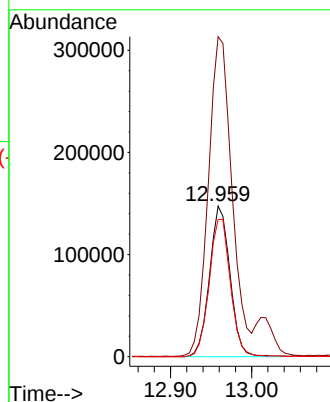
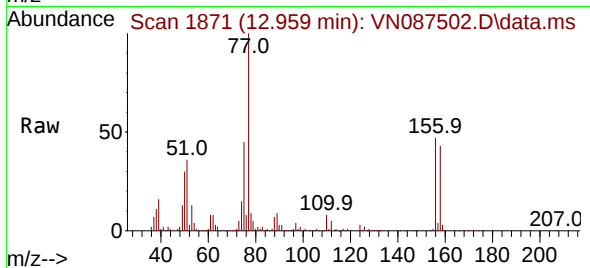
Tgt Ion:156 Resp: 258139

Ion Ratio Lower Upper

156 100

77 245.3 114.9 344.6

158 94.9 48.5 145.5



#78

n-propylbenzene

Concen: 59.409 ug/l

RT: 13.017 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN087502.D

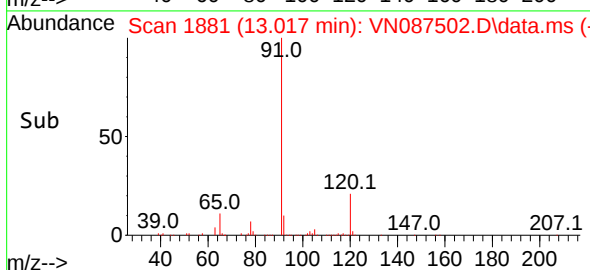
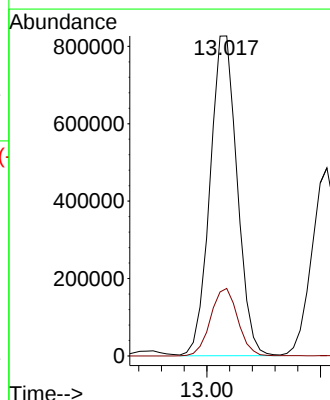
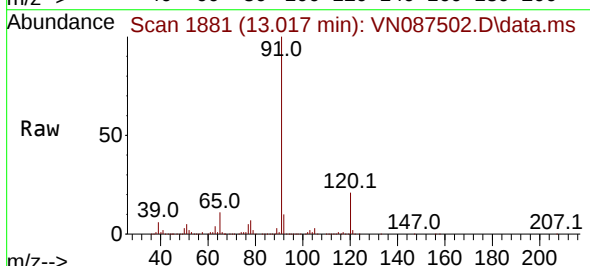
Acq: 12 Aug 2025 10:24

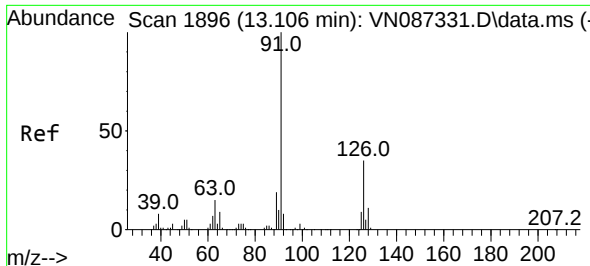
Tgt Ion: 91 Resp: 1372237

Ion Ratio Lower Upper

91 100

120 21.2 11.3 33.8

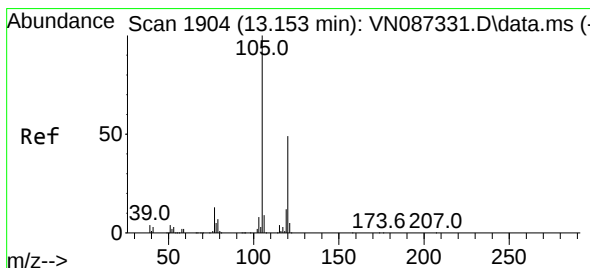
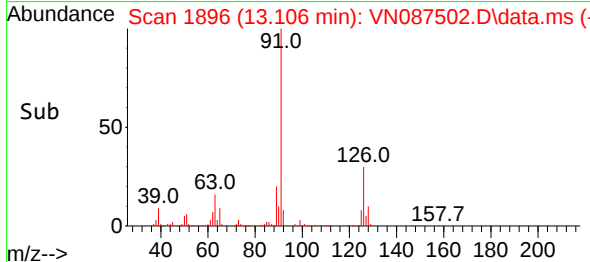
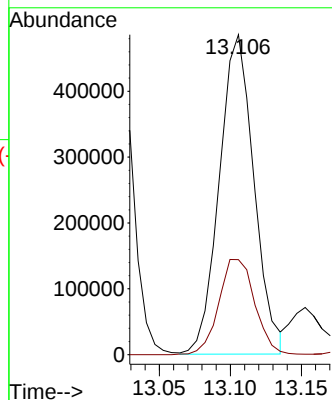
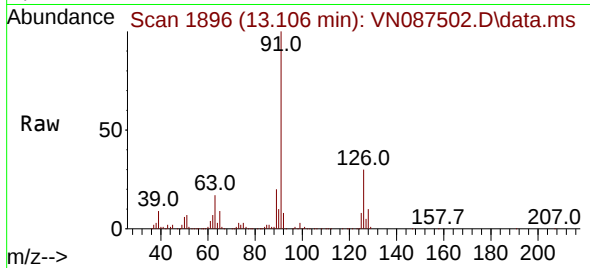




#79
2-Chlorotoluene
Concen: 57.976 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

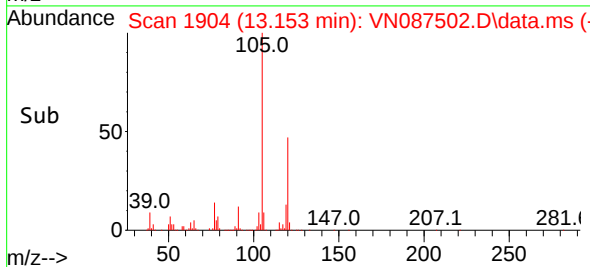
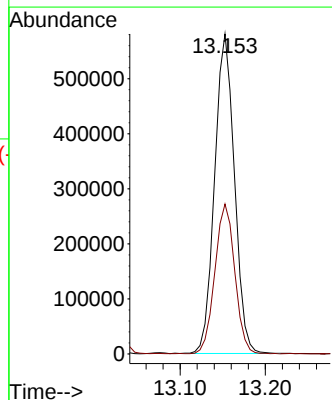
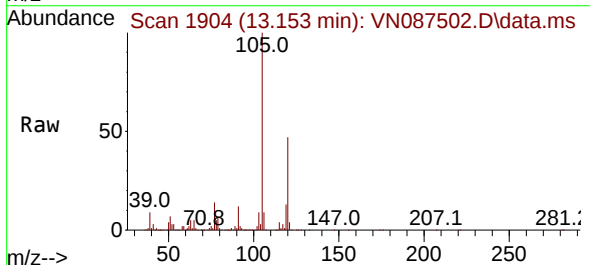
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

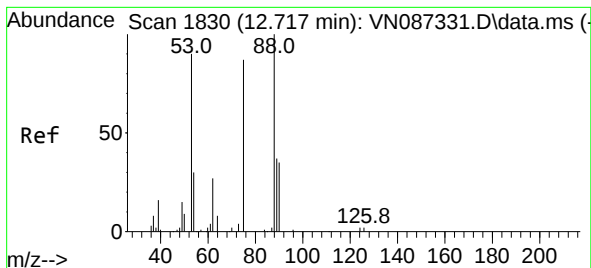
Tgt Ion: 91 Resp: 822996
Ion Ratio Lower Upper
91 100
126 31.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 59.964 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 105 Resp: 937941
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8

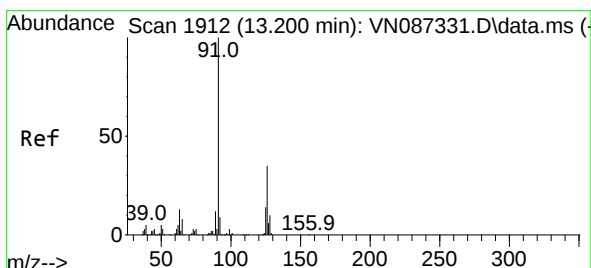
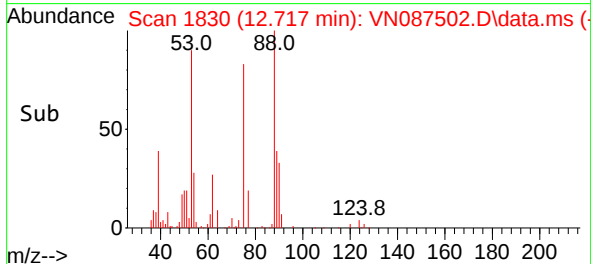
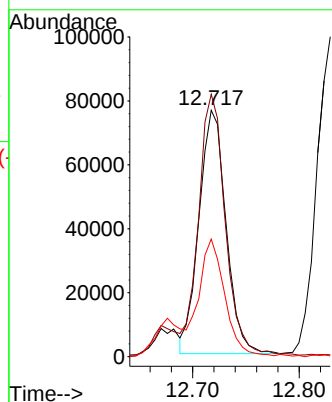
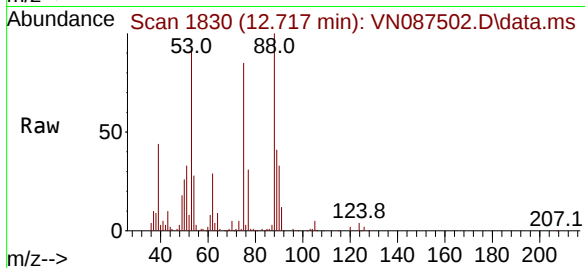




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.350 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

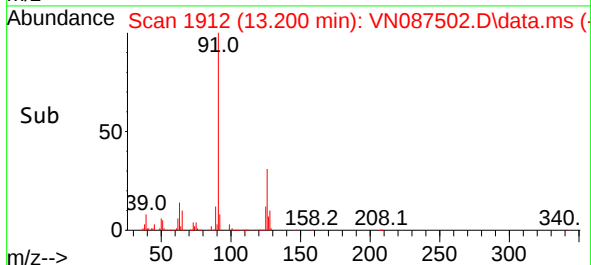
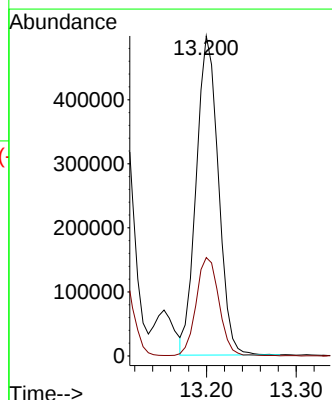
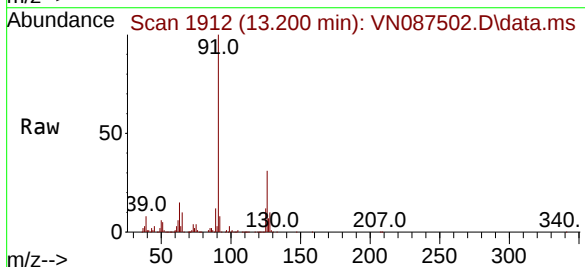
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

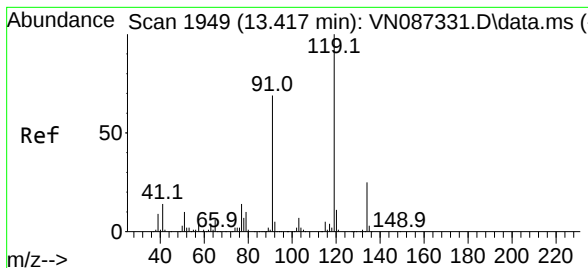
Tgt Ion: 75 Resp: 134709
 Ion Ratio Lower Upper
 75 100
 53 106.3 83.5 125.3
 89 45.2 38.4 57.6



#82
 4-Chlorotoluene
 Concen: 57.610 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

Tgt Ion: 91 Resp: 851446
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.6 49.7

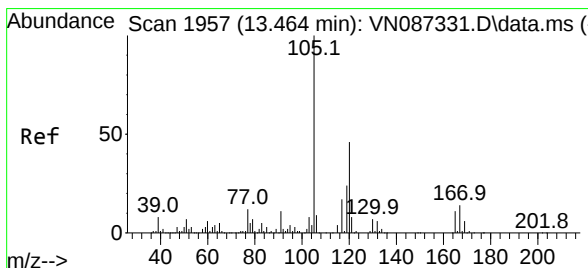
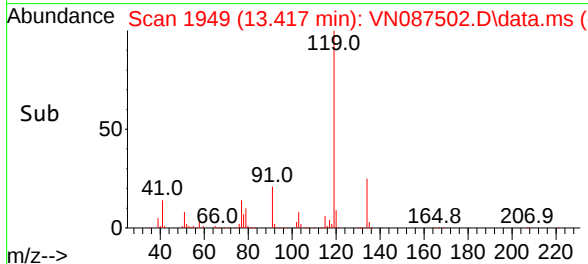
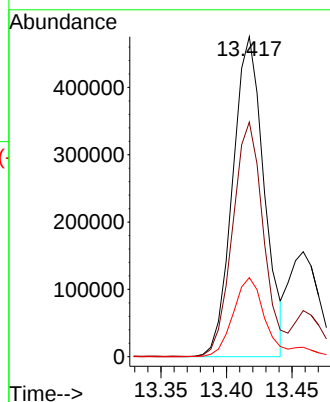
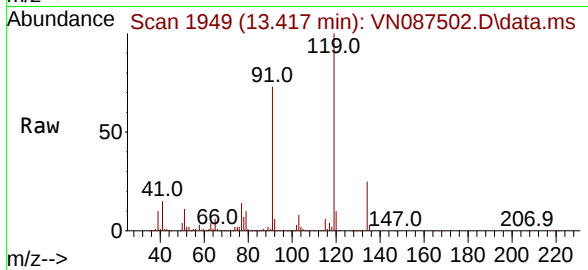




#83
 tert-Butylbenzene
 Concen: 60.719 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

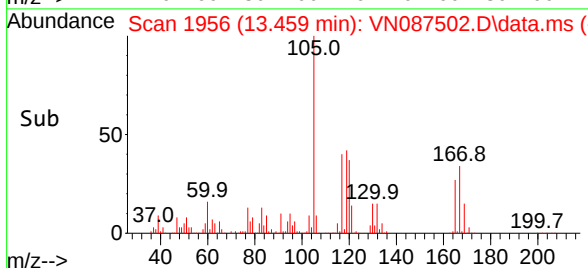
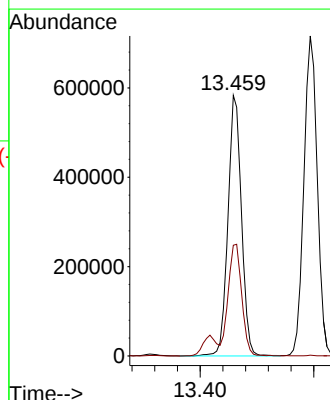
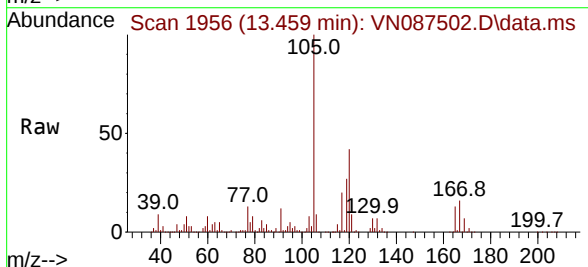
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

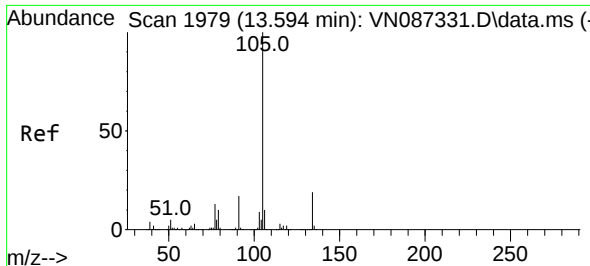
Tgt Ion:119 Resp: 793245
 Ion Ratio Lower Upper
 119 100
 91 72.6 35.0 105.1
 134 26.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 60.315 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

Tgt Ion:105 Resp: 963459
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.8 68.3

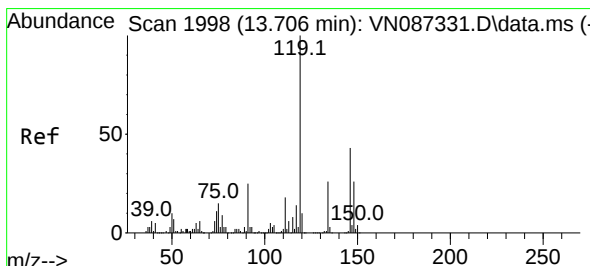
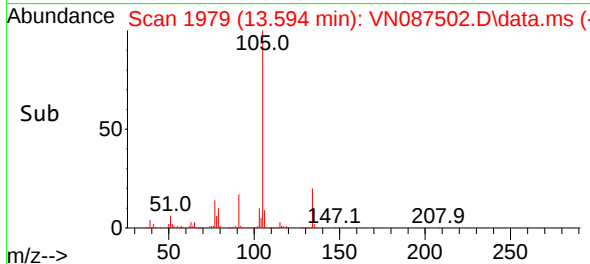
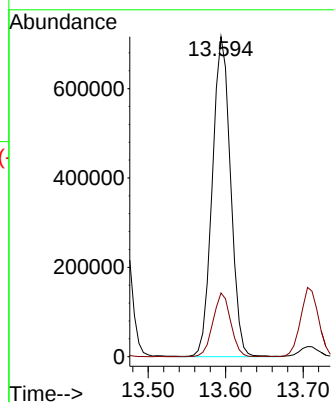
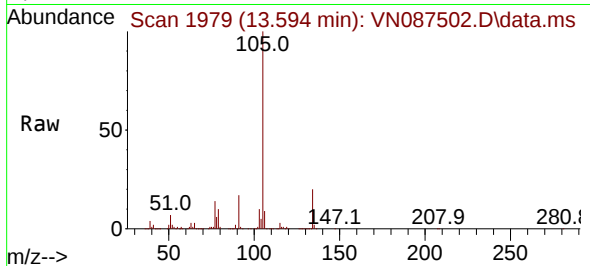




#85
 sec-Butylbenzene
 Concen: 59.490 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

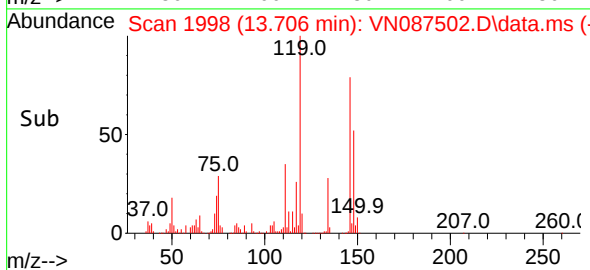
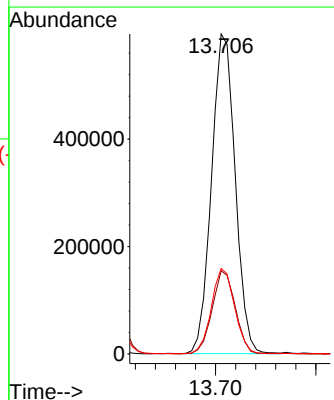
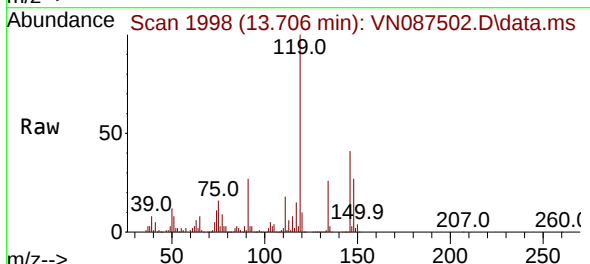
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

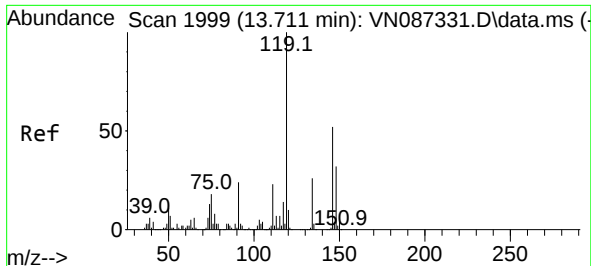
Tgt Ion:105 Resp: 1170651
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 61.853 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087502.D
 Acq: 12 Aug 2025 10:24

Tgt Ion:119 Resp: 975420
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.5 40.5
 91 26.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 53.246 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

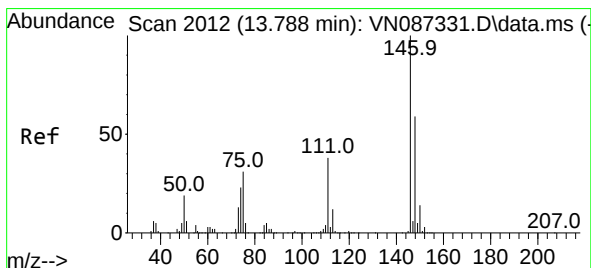
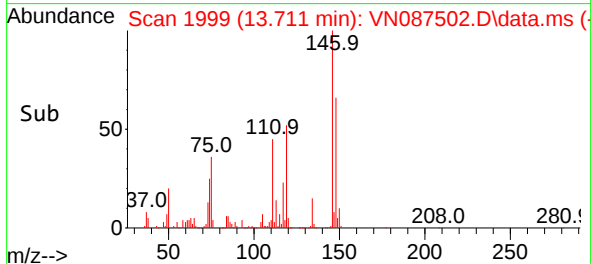
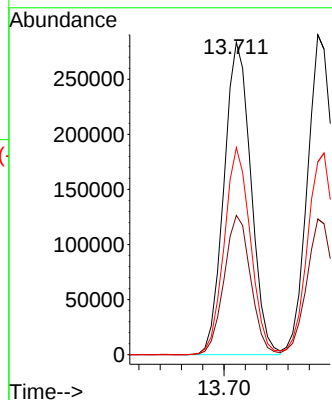
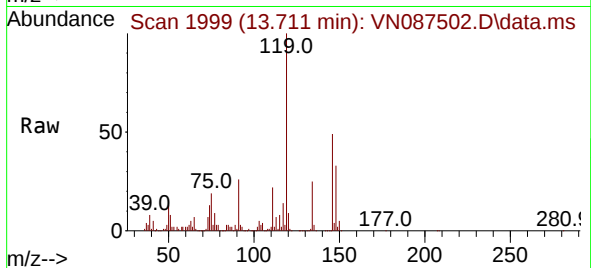
Tgt Ion:146 Resp: 497546

Ion Ratio Lower Upper

146 100

111 44.1 21.4 64.3

148 64.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 50.459 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

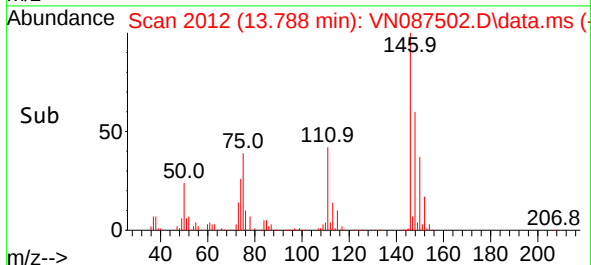
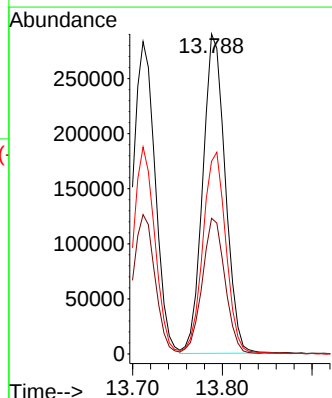
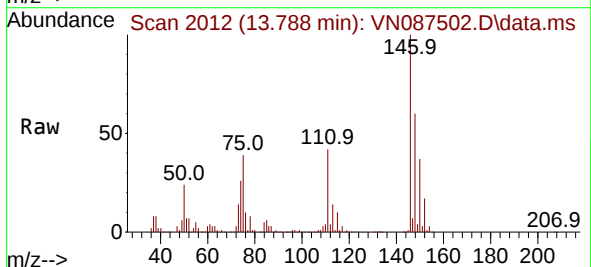
Tgt Ion:146 Resp: 503587

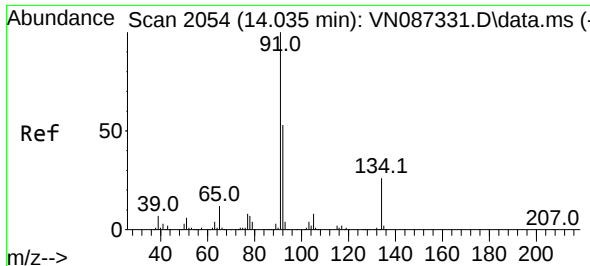
Ion Ratio Lower Upper

146 100

111 42.8 19.6 58.7

148 64.9 31.4 94.0

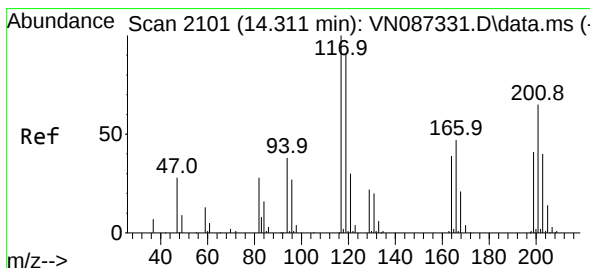
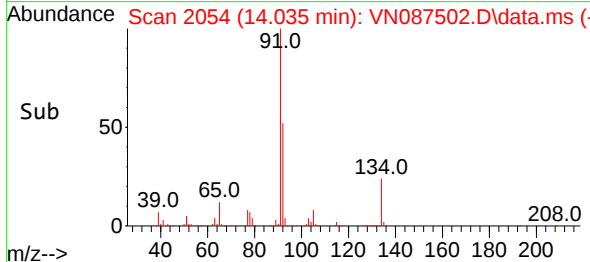
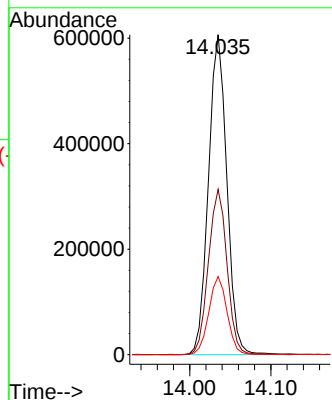
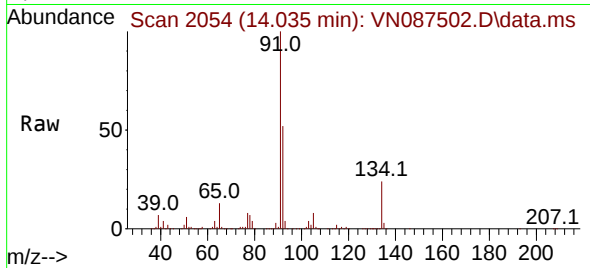




#89
n-Butylbenzene
Concen: 63.231 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

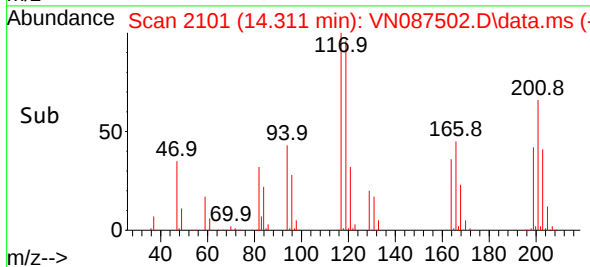
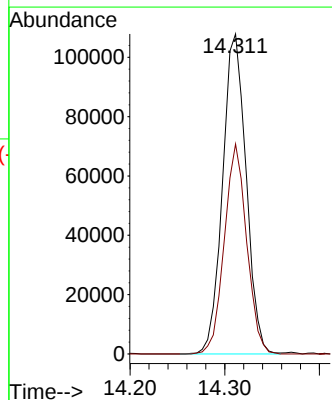
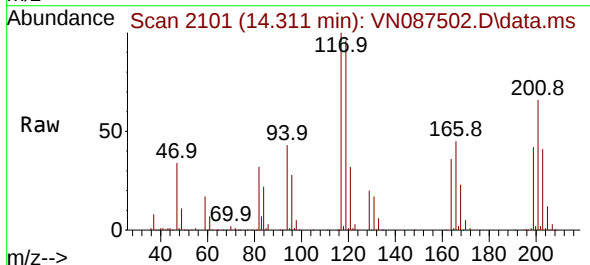
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MSVOA_N
ClientSampleId :
VSTDCCC050

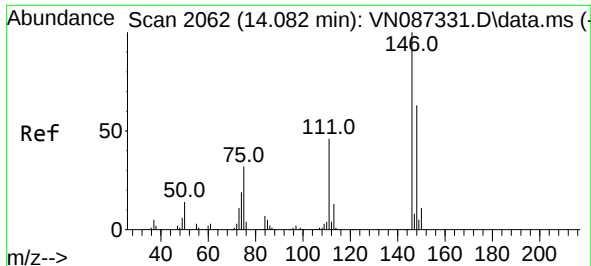
Tgt Ion: 91 Resp: 952157
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.6
134 24.4 12.4 37.2



#90
Hexachloroethane
Concen: 55.635 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 117 Resp: 185894
Ion Ratio Lower Upper
117 100
201 62.3 32.8 98.4

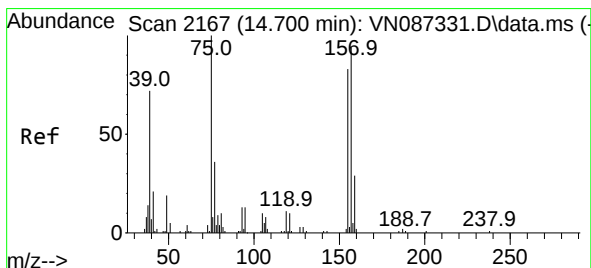
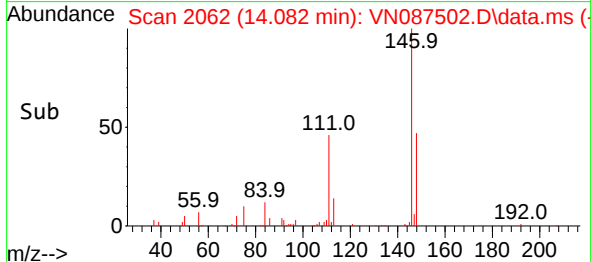
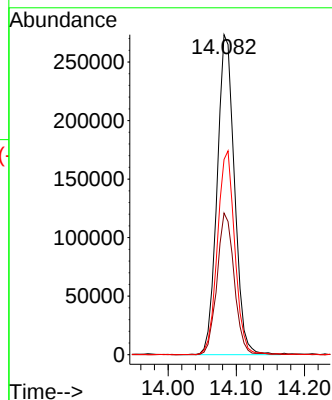
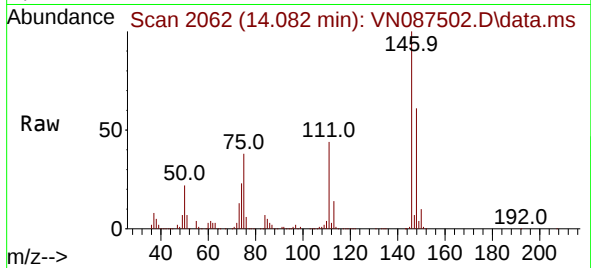




#91
1,2-Dichlorobenzene
Concen: 54.667 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

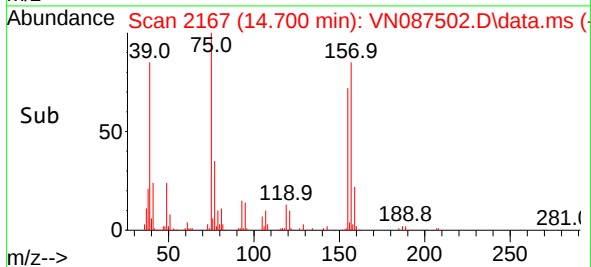
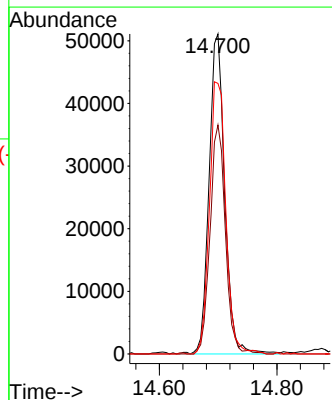
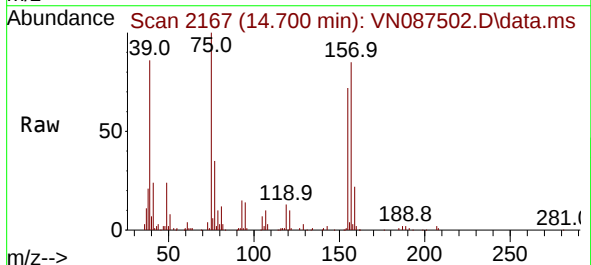
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

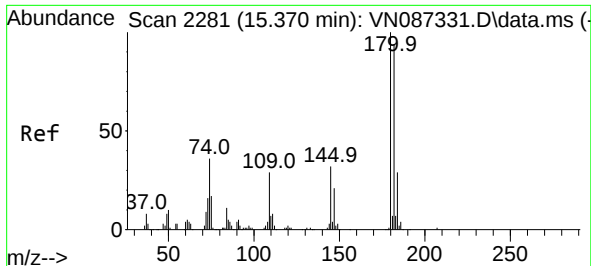
Tgt Ion:146 Resp: 483934
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.7 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.978 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 75 Resp: 94271
Ion Ratio Lower Upper
75 100
155 70.2 37.3 111.8
157 89.2 46.2 138.6

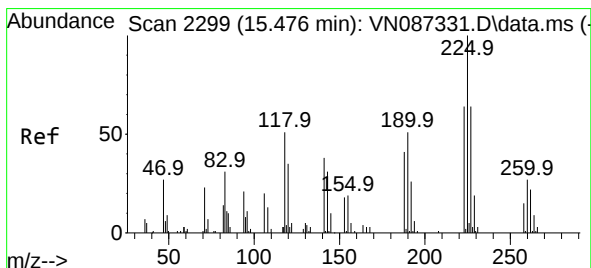
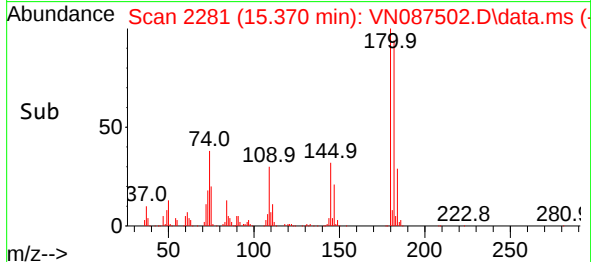
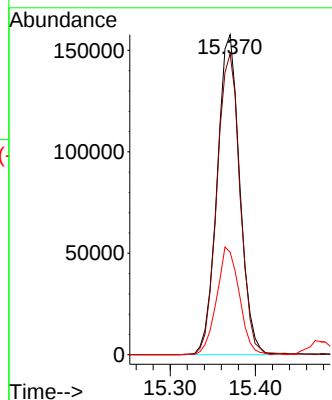
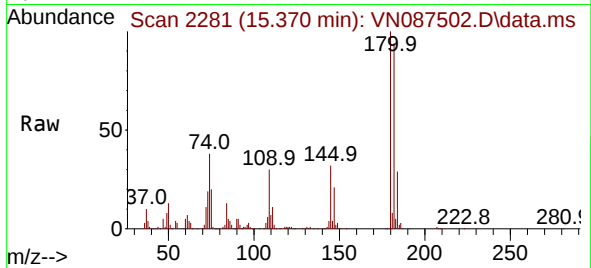




#93
1,2,4-Trichlorobenzene
Concen: 56.077 ug/l
RT: 15.370 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

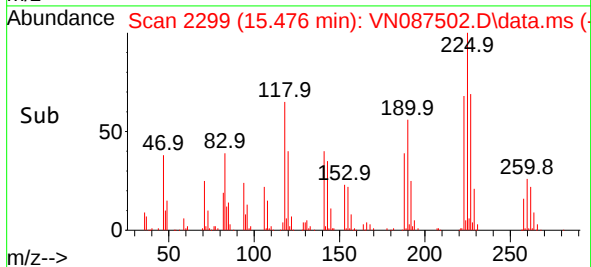
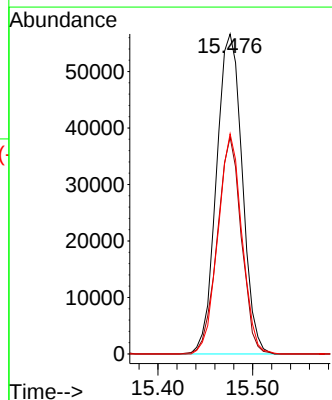
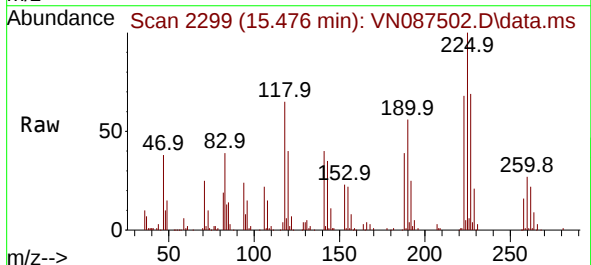
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ClientSampleId :
VSTDCCC050

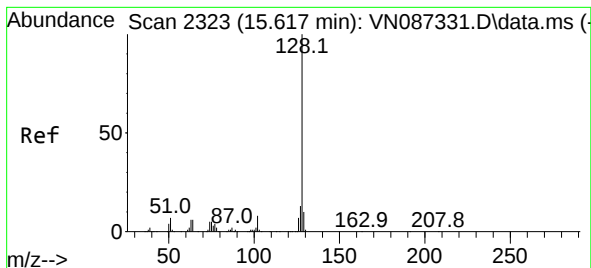
Tgt Ion:180 Resp: 291601
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 33.5 15.4 46.4



#94
Hexachlorobutadiene
Concen: 55.415 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:225 Resp: 107072
Ion Ratio Lower Upper
225 100
223 63.3 32.1 96.3
227 64.0 31.3 93.9





#95

Naphthalene

Concen: 58.344 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

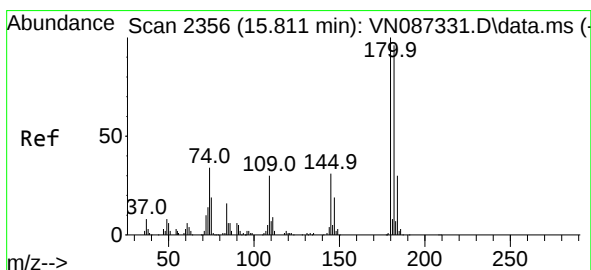
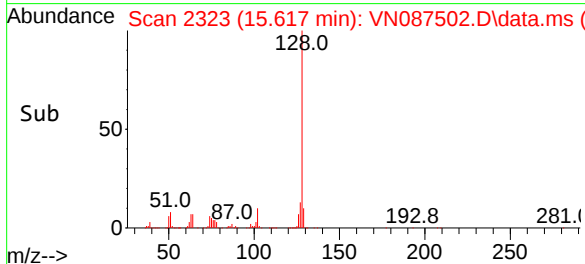
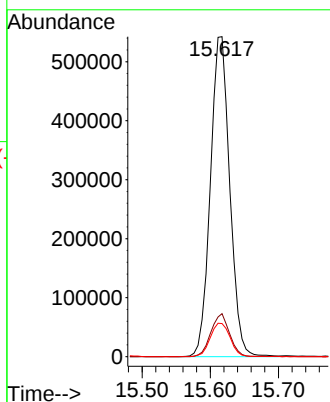
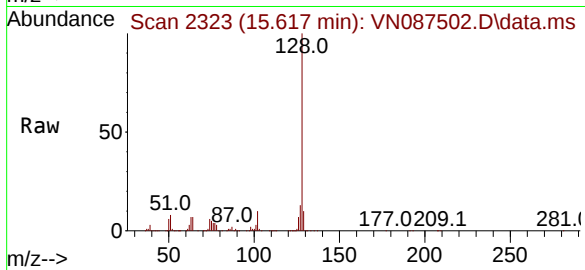
Tgt Ion:128 Resp: 1074791

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 55.049 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087502.D

Acq: 12 Aug 2025 10:24

Tgt Ion:180 Resp: 287140

Ion Ratio Lower Upper

180 100

182 92.7 47.1 141.4

145 35.5 16.9 50.6

