

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087845.D
 Acq On : 15 Sep 2025 18:09
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 16 01:44:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	269454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	529395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	478652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	243875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	243236	44.058	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.120%
35) Dibromofluoromethane	8.147	113	181861	47.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.160%
50) Toluene-d8	10.547	98	600905	42.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.000%#
62) 4-Bromofluorobenzene	12.829	95	224403	44.108	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	164722	43.042	ug/l	98
3) Chloromethane	2.383	50	187425	47.656	ug/l	96
4) Vinyl Chloride	2.536	62	214654	47.072	ug/l	94
5) Bromomethane	2.965	94	126801	53.891	ug/l	97
6) Chloroethane	3.130	64	142174	44.360	ug/l	96
7) Trichlorofluoromethane	3.512	101	289818	43.379	ug/l	96
8) Diethyl Ether	3.965	74	142090	48.834	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	147329	38.972	ug/l	96
10) Methyl Iodide	4.583	142	142952	50.517	ug/l	96
11) Tert butyl alcohol	5.524	59	212090	221.289	ug/l	99
12) 1,1-Dichloroethene	4.336	96	173245	44.595	ug/l	89
13) Acrolein	4.171	56	379826	322.360	ug/l	100
14) Allyl chloride	5.012	41	297156	42.210	ug/l	95
15) Acrylonitrile	5.706	53	675538	249.920	ug/l	99
16) Acetone	4.424	43	598155	199.030	ug/l	97
17) Carbon Disulfide	4.706	76	491163	45.925	ug/l	98
18) Methyl Acetate	5.018	43	326727	51.922	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	762198	52.300	ug/l	98
20) Methylene Chloride	5.265	84	228358	52.597	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	194131	46.108	ug/l	92
22) Diisopropyl ether	6.659	45	753268	49.582	ug/l	98
23) Vinyl Acetate	6.588	43	3461642	250.450	ug/l	99
24) 1,1-Dichloroethane	6.553	63	394506	47.361	ug/l	98
25) 2-Butanone	7.471	43	954958	241.522	ug/l	96
26) 2,2-Dichloropropane	7.477	77	245231	34.302	ug/l	96
27) cis-1,2-Dichloroethene	7.471	96	252545	50.174	ug/l	94
28) Bromochloromethane	7.794	49	184494	45.815	ug/l	94
29) Tetrahydrofuran	7.824	42	632100	248.411	ug/l	98
30) Chloroform	7.947	83	416740	49.016	ug/l	100
31) Cyclohexane	8.241	56	260548	37.521	ug/l	93
32) 1,1,1-Trichloroethane	8.153	97	332100	46.091	ug/l	97
36) 1,1-Dichloropropene	8.353	75	241903	41.254	ug/l	97
37) Ethyl Acetate	7.547	43	376236	46.955	ug/l	96
38) Carbon Tetrachloride	8.347	117	263251	45.471	ug/l	98
39) Methylcyclohexane	9.582	83	257790	39.932	ug/l	97
40) Benzene	8.588	78	864153	48.048	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	202347	48.751	ug/l	97
42) 1,2-Dichloroethane	8.653	62	337079	48.772	ug/l	100
43) Isopropyl Acetate	8.671	43	625825	50.026	ug/l	98
44) Trichloroethene	9.329	130	191290	46.587	ug/l	93
45) 1,2-Dichloropropane	9.600	63	222803	46.998	ug/l	94
46) Dibromomethane	9.688	93	174304	51.668	ug/l	95
47) Bromodichloromethane	9.870	83	341181	49.347	ug/l	97
48) Methyl methacrylate	9.659	41	289223	48.878	ug/l	95
49) 1,4-Dioxane	9.682	88	65104	848.858	ug/l #	100
51) 4-Methyl-2-Pentanone	10.423	43	1927319	255.350	ug/l	97
52) Toluene	10.612	92	512899	46.001	ug/l	98
53) t-1,3-Dichloropropene	10.817	75	352507	49.256	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	359321	48.355	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	226923	52.611	ug/l	95
56) Ethyl methacrylate	10.853	69	378542	54.917	ug/l	97
57) 1,3-Dichloropropane	11.141	76	387272	50.734	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	912262	244.517	ug/l	97
59) 2-Hexanone	11.176	43	1316796	276.047	ug/l	98
60) Dibromochloromethane	11.341	129	264236	52.872	ug/l	97
61) 1,2-Dibromoethane	11.447	107	240405	52.859	ug/l	99
64) Tetrachloroethene	11.082	164	151928	45.750	ug/l	95
65) Chlorobenzene	11.870	112	573734	48.180	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	211273	53.442	ug/l	98
67) Ethyl Benzene	11.941	91	946889	45.925	ug/l	100
68) m/p-Xylenes	12.047	106	716793	94.795	ug/l	98
69) o-Xylene	12.376	106	359430	48.504	ug/l	97
70) Styrene	12.388	104	632506	50.948	ug/l	99
71) Bromoform	12.559	173	173042	57.073	ug/l #	99
73) Isopropylbenzene	12.670	105	881173	44.714	ug/l	99
74) N-amyl acetate	12.500	43	279520	37.428	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.917	83	344277	50.743	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	439016	76.765	ug/l	58
77) Bromobenzene	12.959	156	231477	49.818	ug/l	95
78) n-propylbenzene	13.011	91	1075058	44.289	ug/l	99
79) 2-Chlorotoluene	13.100	91	658674	45.091	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	751576	44.957	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.717	75	99145	45.895	ug/l	93
82) 4-Chlorotoluene	13.200	91	684827	44.590	ug/l	98
83) tert-Butylbenzene	13.411	119	638462	45.830	ug/l	97
84) 1,2,4-Trimethylbenzene	13.458	105	777451	46.456	ug/l	98
85) sec-Butylbenzene	13.594	105	909339	43.986	ug/l	99
86) p-Isopropyltoluene	13.706	119	771758	45.208	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	426793	46.643	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	439636	46.169	ug/l	98
89) n-Butylbenzene	14.035	91	731105	43.122	ug/l	98
90) Hexachloroethane	14.305	117	144696	44.490	ug/l	90
91) 1,2-Dichlorobenzene	14.082	146	421428	48.546	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	80495	49.943	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	256110	49.131	ug/l	97
94) Hexachlorobutadiene	15.476	225	83826	45.106	ug/l	97
95) Naphthalene	15.611	128	968172	52.436	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	251833	49.417	ug/l	98

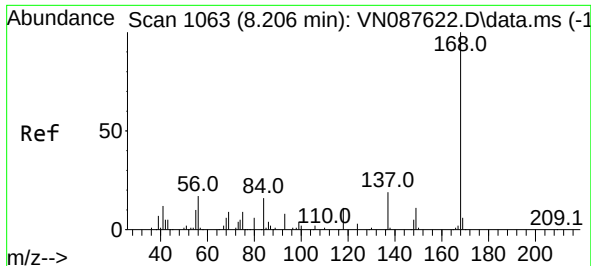
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Response via : Initial Calibration

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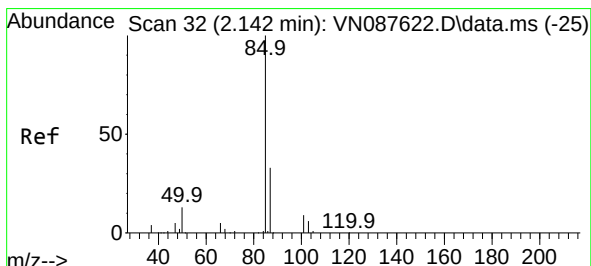
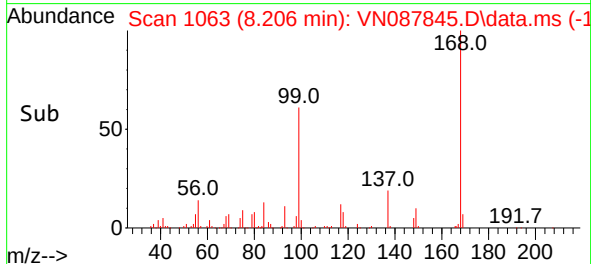
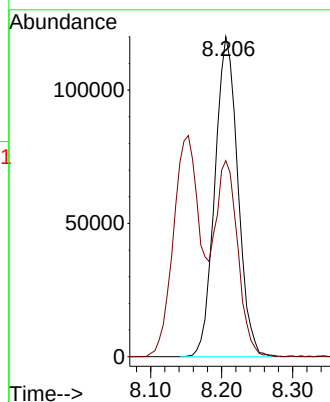
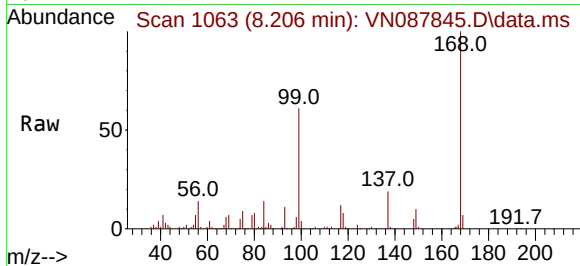
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

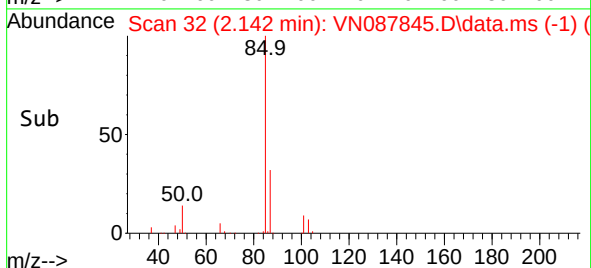
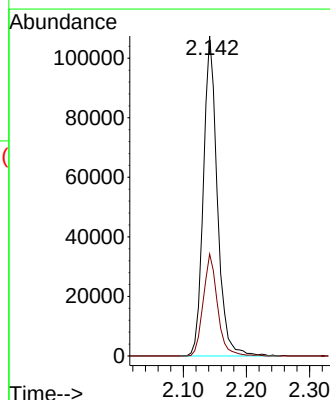
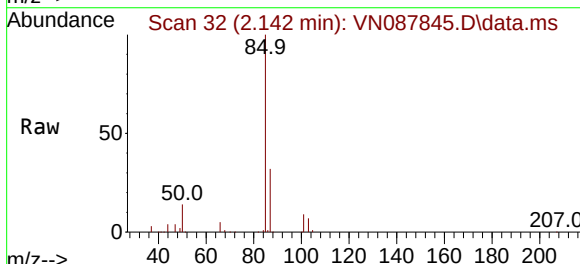
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MSVOA_N
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VSTDCCC050EC

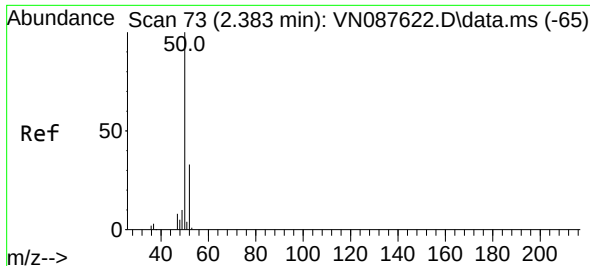
Tgt Ion:168 Resp: 269454
Ion Ratio Lower Upper
168 100
99 61.1 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 43.042 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 85 Resp: 164722
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.8

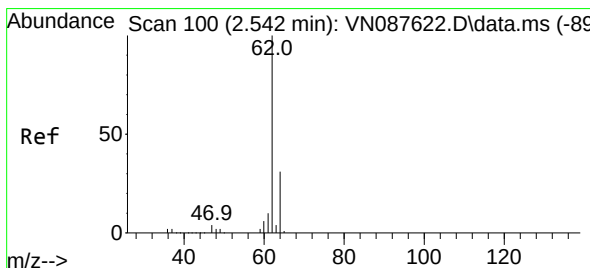
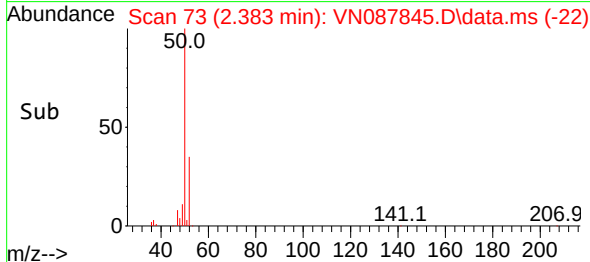
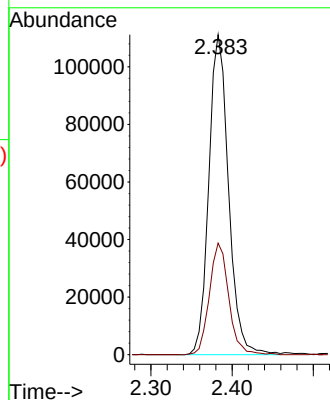
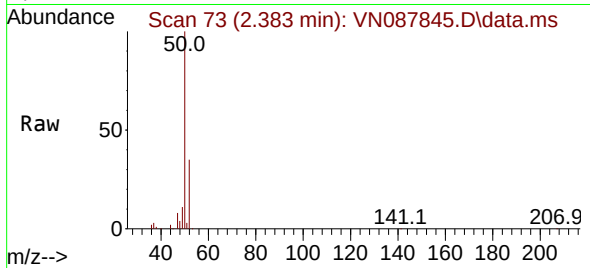




#3
Chloromethane
Concen: 47.656 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

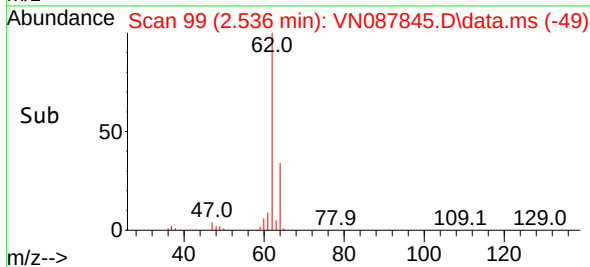
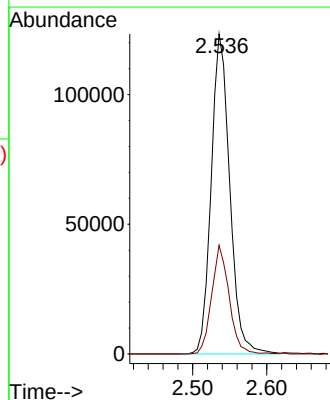
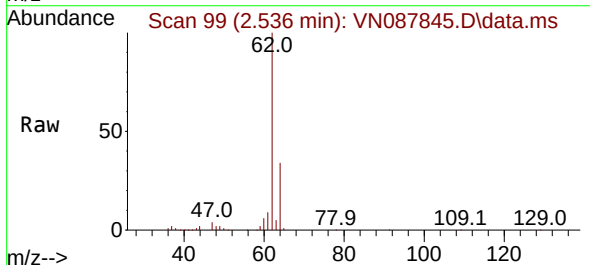
Instrument :
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ClientSampleId :
VSTDCCC050EC

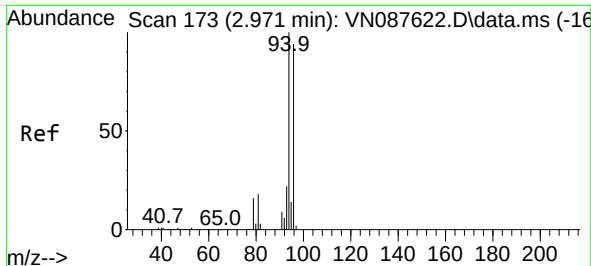
Tgt Ion: 50 Resp: 187425
Ion Ratio Lower Upper
50 100
52 34.8 26.2 39.4



#4
Vinyl Chloride
Concen: 47.072 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 62 Resp: 214654
Ion Ratio Lower Upper
62 100
64 34.0 24.6 37.0

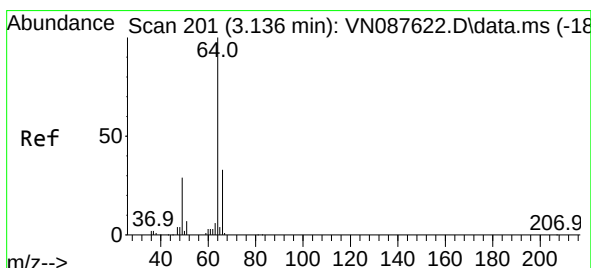
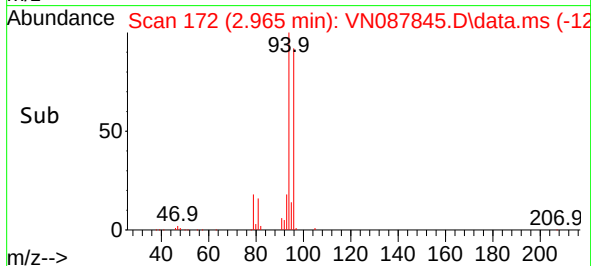
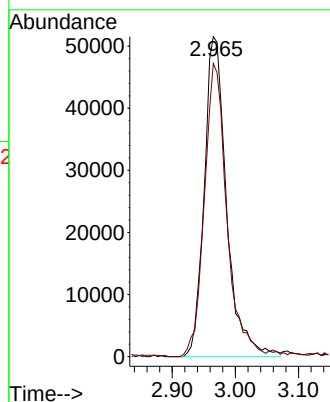
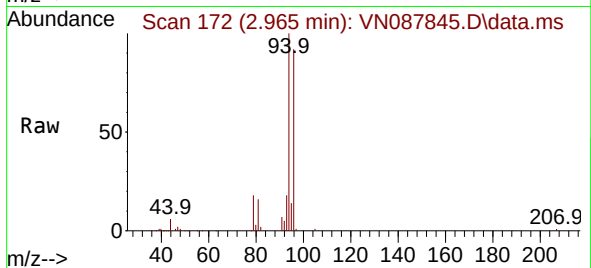




#5
Bromomethane
Concen: 53.891 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

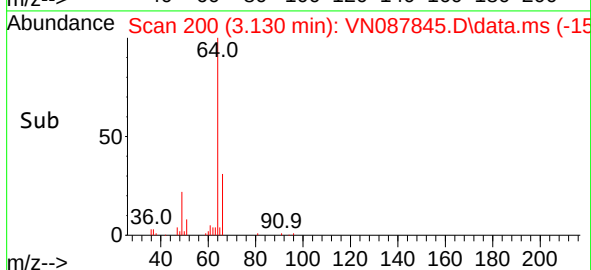
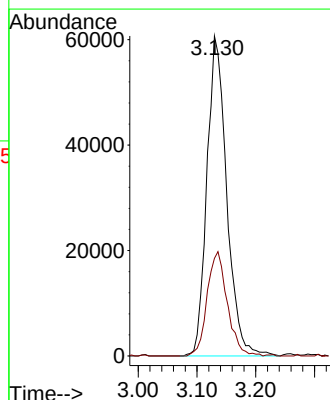
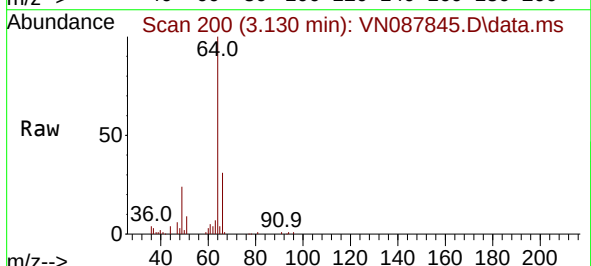
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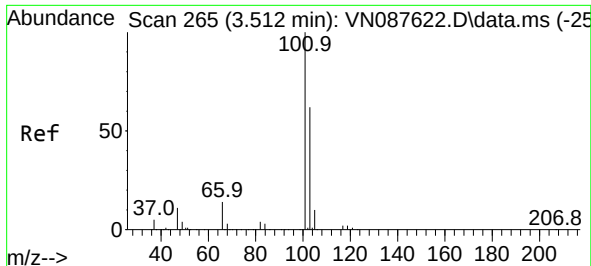
Tgt Ion: 94 Resp: 126801
Ion Ratio Lower Upper
94 100
96 91.6 75.4 113.2



#6
Chloroethane
Concen: 44.360 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 64 Resp: 142174
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.2

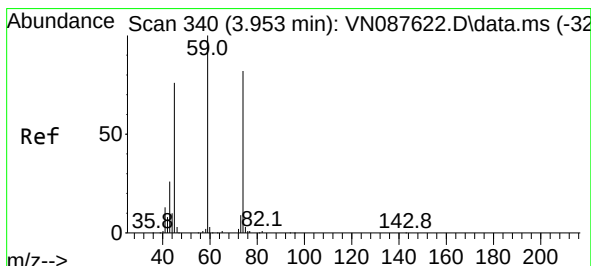
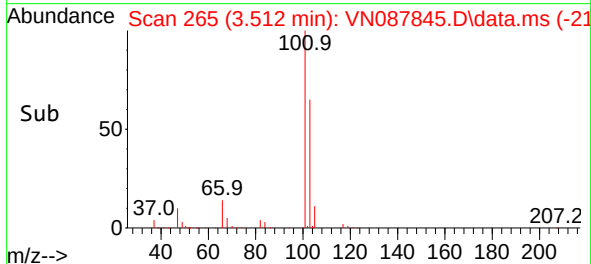
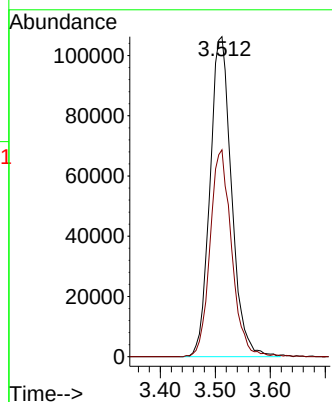
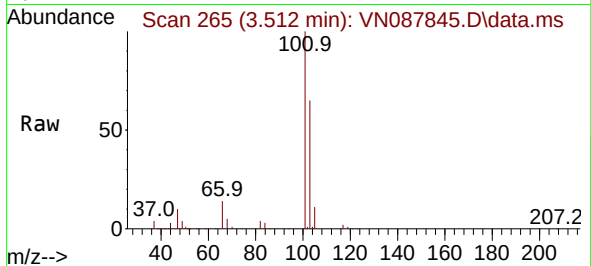




#7
 Trichlorofluoromethane
 Concen: 43.379 ug/l
 RT: 3.512 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: VN087845.D
 Acq: 15 Sep 2025 18:09

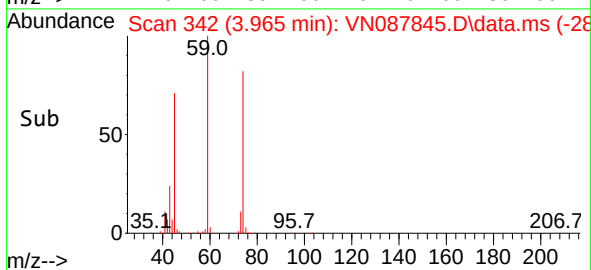
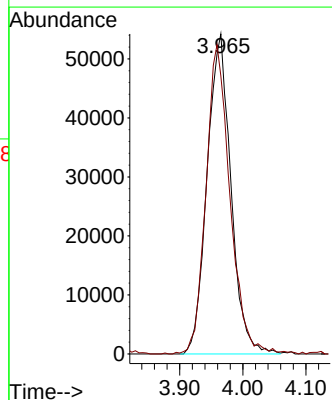
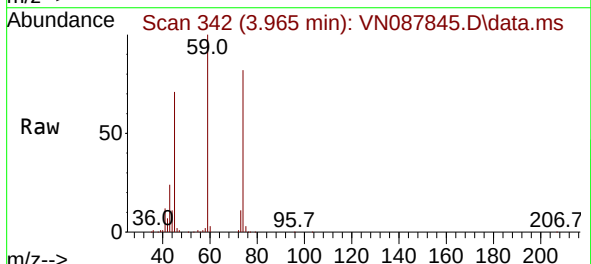
Instrument :
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 ClientSampleId :
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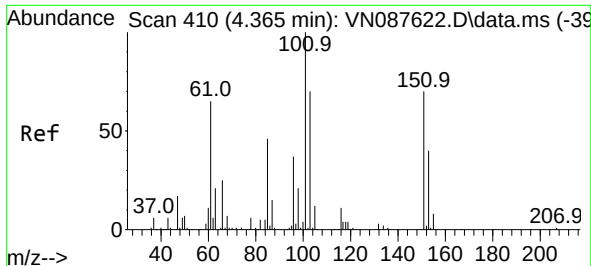
Tgt Ion:101 Resp: 289818
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.4 74.0



#8
 Diethyl Ether
 Concen: 48.834 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087845.D
 Acq: 15 Sep 2025 18:09

Tgt Ion: 74 Resp: 142090
 Ion Ratio Lower Upper
 74 100
 45 97.3 50.6 151.9

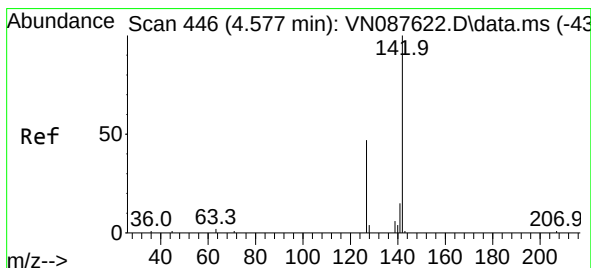
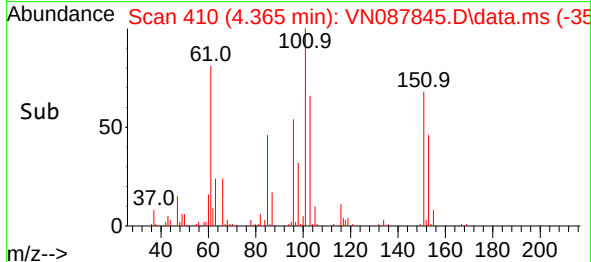
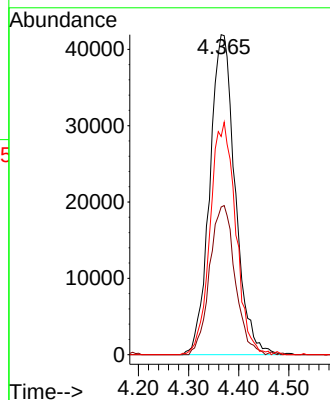
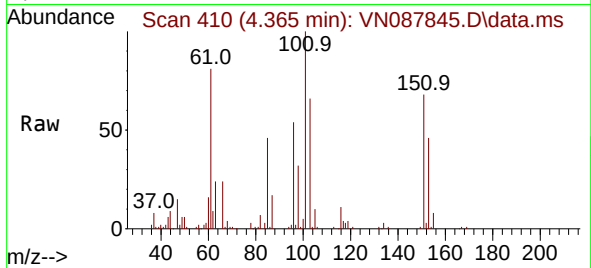




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 38.972 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. -0.000 min
 Lab File: VN087845.D
 Acq: 15 Sep 2025 18:09

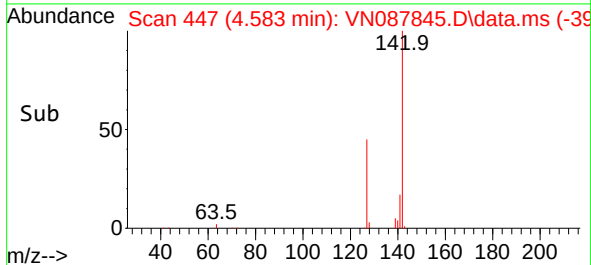
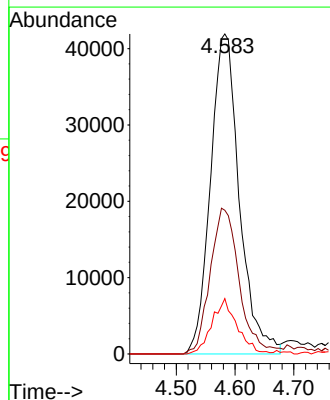
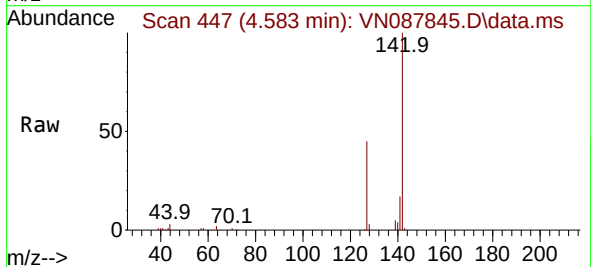
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

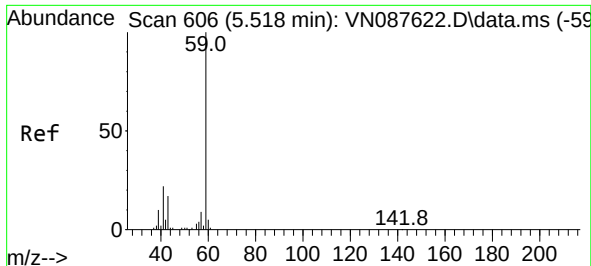
Tgt Ion:101 Resp: 147329
 Ion Ratio Lower Upper
 101 100
 85 46.6 36.6 55.0
 151 73.3 54.7 82.1



#10
 Methyl Iodide
 Concen: 50.517 ug/l
 RT: 4.583 min Scan# 447
 Delta R.T. 0.006 min
 Lab File: VN087845.D
 Acq: 15 Sep 2025 18:09

Tgt Ion:142 Resp: 142952
 Ion Ratio Lower Upper
 142 100
 127 44.9 38.0 57.0
 141 17.3 12.0 18.0

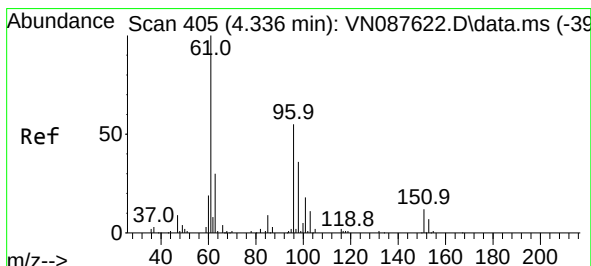
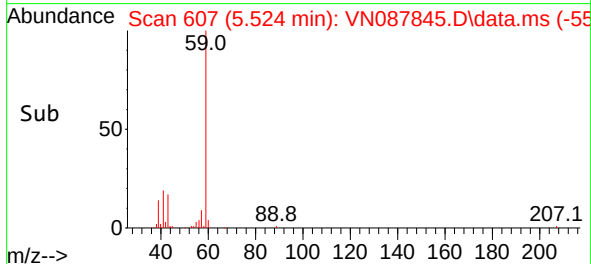
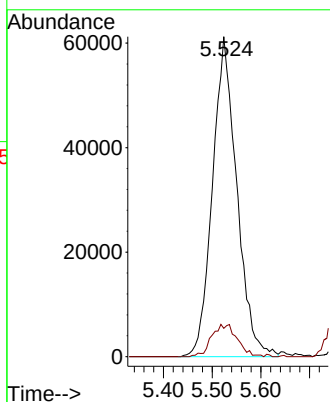
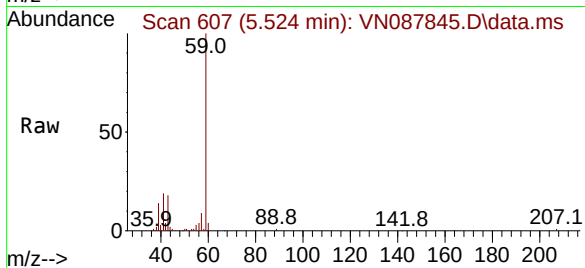




#11
Tert butyl alcohol
Concen: 221.289 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

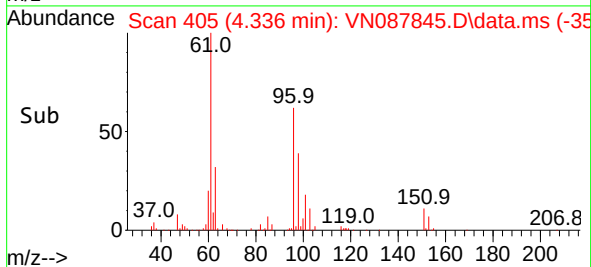
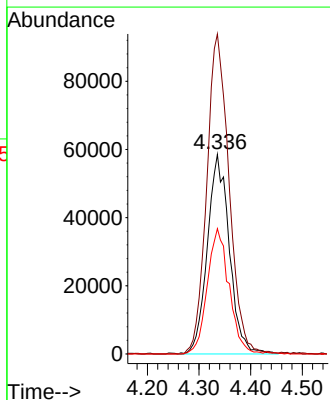
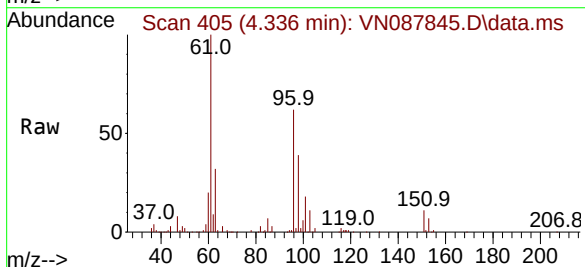
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

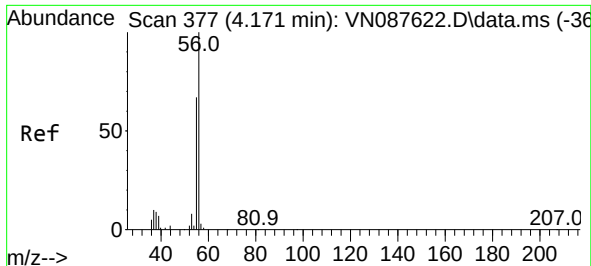
Tgt Ion: 59 Resp: 212090
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4



#12
1,1-Dichloroethene
Concen: 44.595 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 96 Resp: 173245
Ion Ratio Lower Upper
96 100
61 160.4 143.8 215.8
98 62.8 52.1 78.1





#13

Acrolein

Concen: 322.360 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Instrument :

MSVOA_N

ClientSampleId :

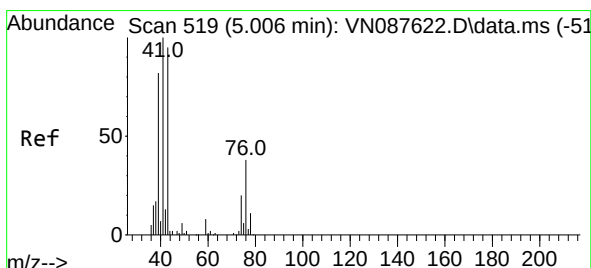
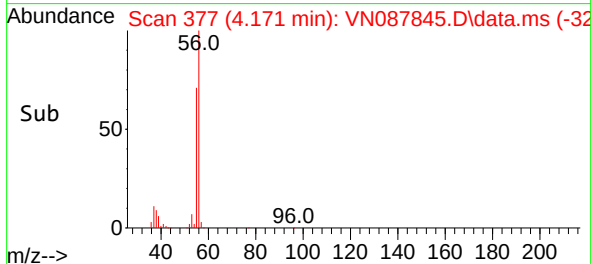
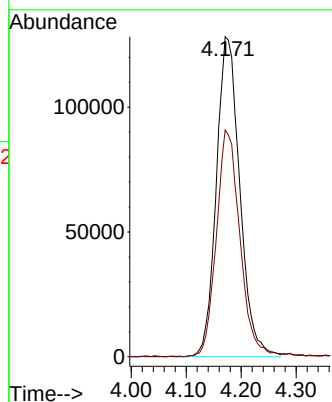
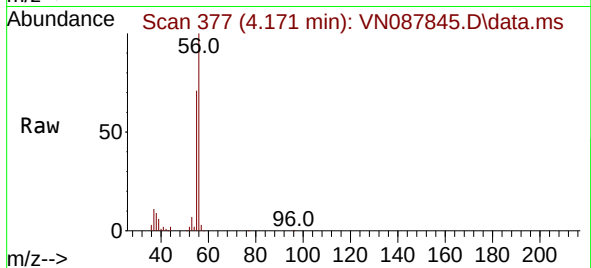
VSTDCCC050EC

Tgt Ion: 56 Resp: 379826

Ion Ratio Lower Upper

56 100

55 71.8 57.3 85.9



#14

Allyl chloride

Concen: 42.210 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

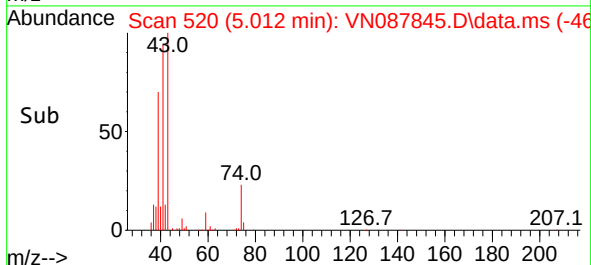
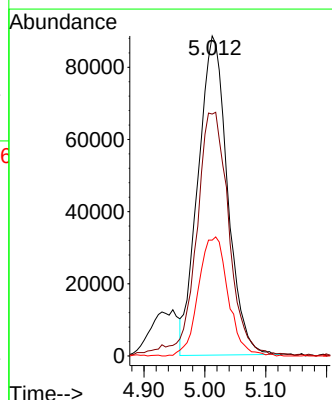
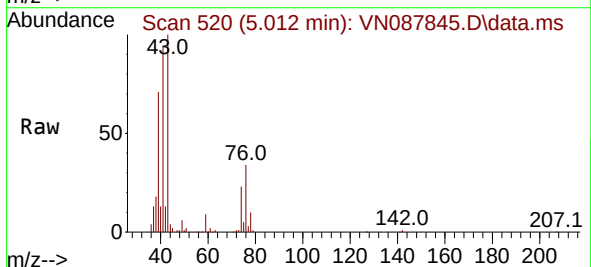
Tgt Ion: 41 Resp: 297156

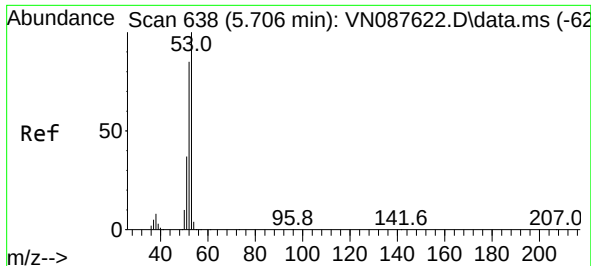
Ion Ratio Lower Upper

41 100

39 84.7 63.9 95.9

76 37.7 28.1 42.1

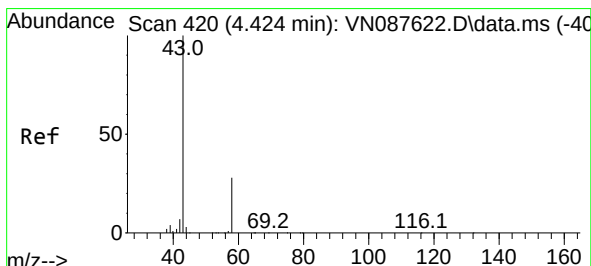
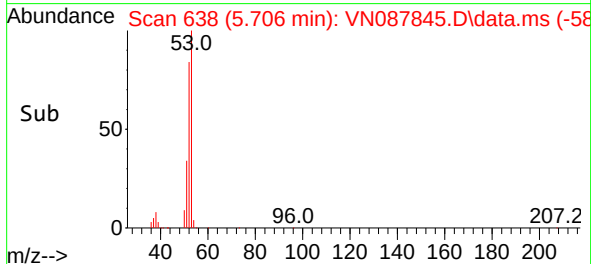
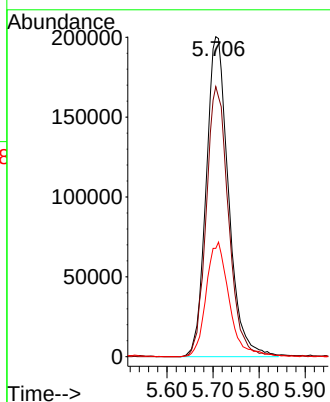
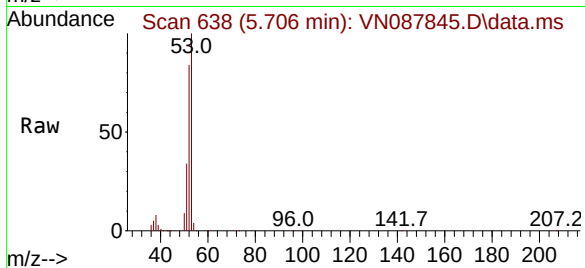




#15
Acrylonitrile
Concen: 249.920 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

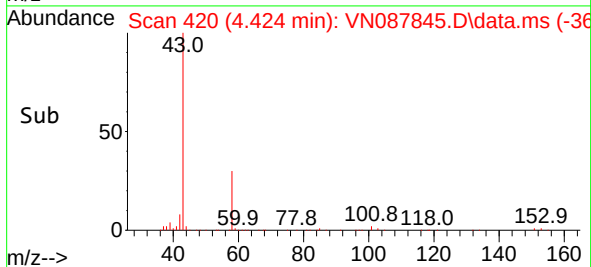
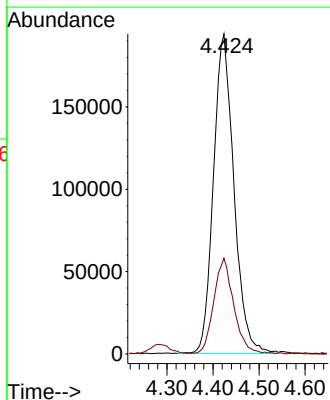
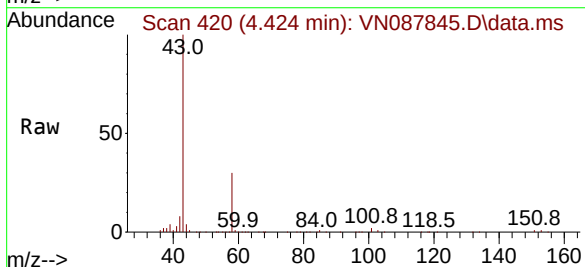
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

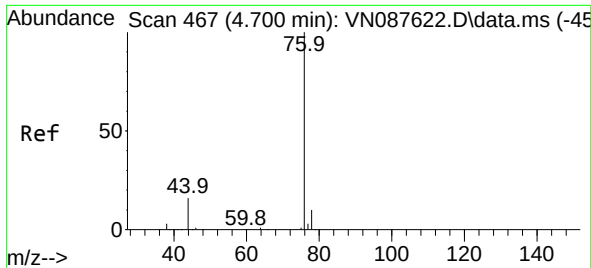
Tgt Ion: 53 Resp: 675538
Ion Ratio Lower Upper
53 100
52 84.0 67.6 101.4
51 37.0 30.1 45.1



#16
Acetone
Concen: 199.030 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 43 Resp: 598155
Ion Ratio Lower Upper
43 100
58 29.6 22.6 33.8

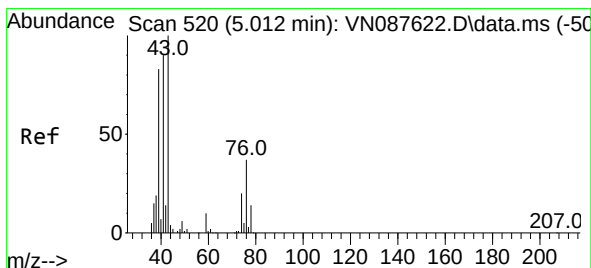
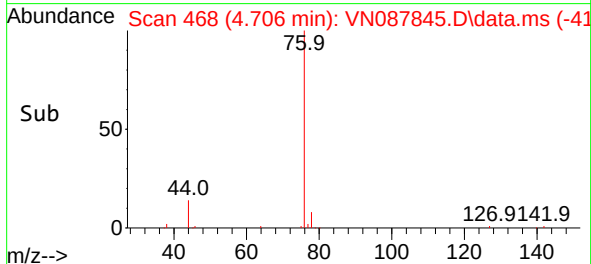
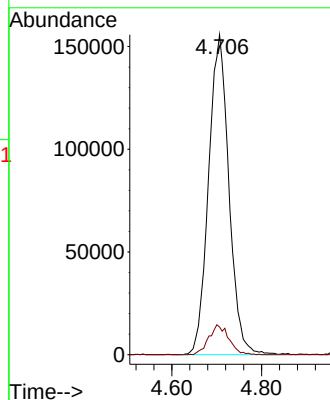
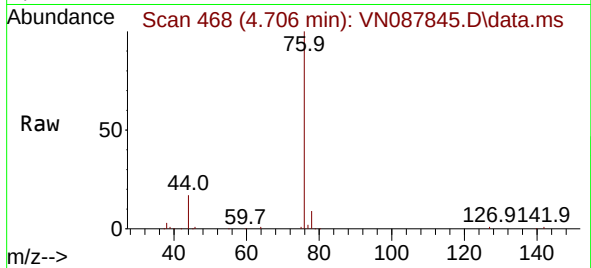




#17
Carbon Disulfide
Concen: 45.925 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

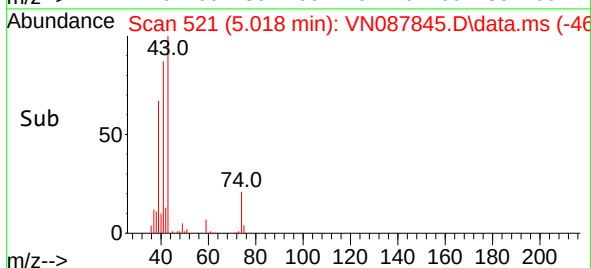
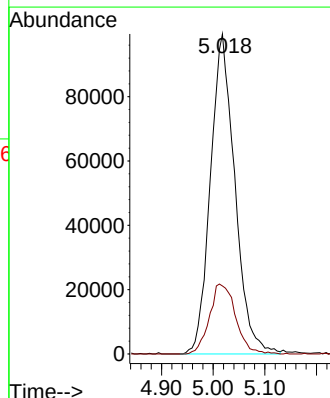
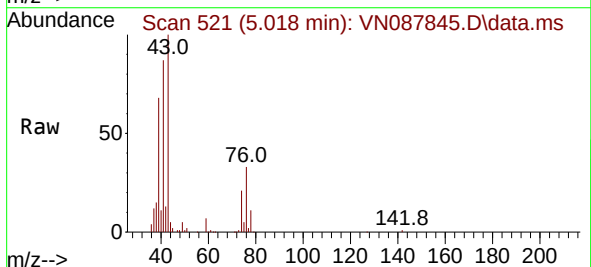
Instrument :
MSVOA_N
ClientSampleId :
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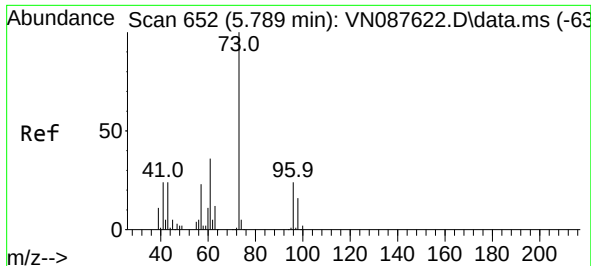
Tgt Ion: 76 Resp: 491163
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 51.922 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 43 Resp: 326727
Ion Ratio Lower Upper
43 100
74 23.4 17.6 26.4

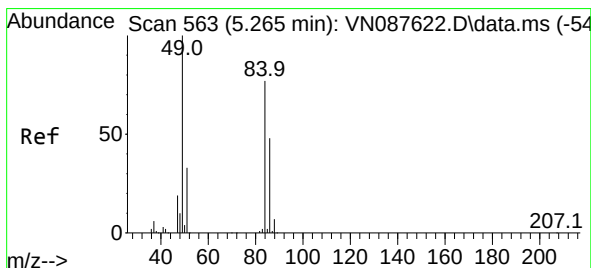
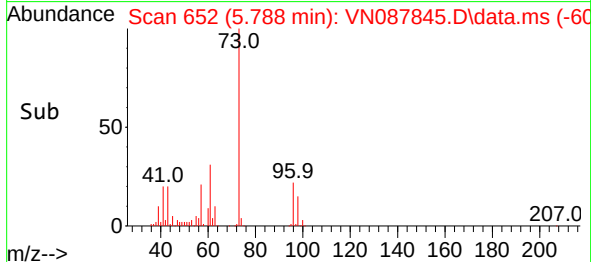
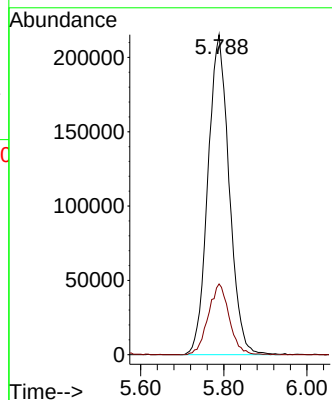
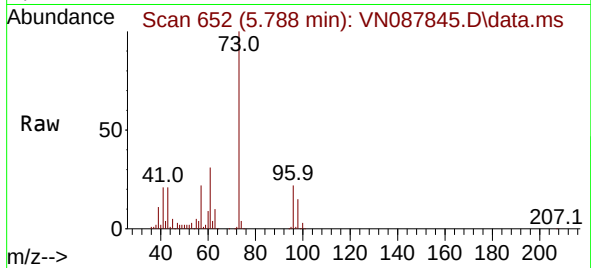




#19
Methyl tert-butyl Ether
Concen: 52.300 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

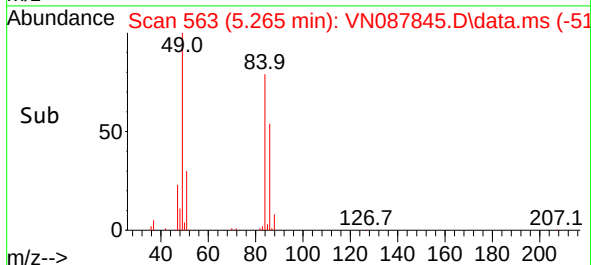
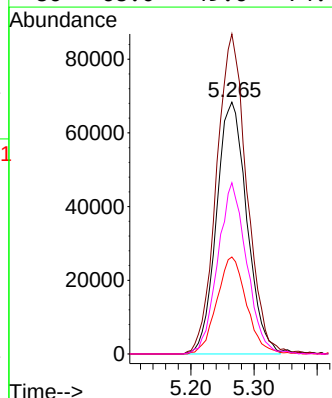
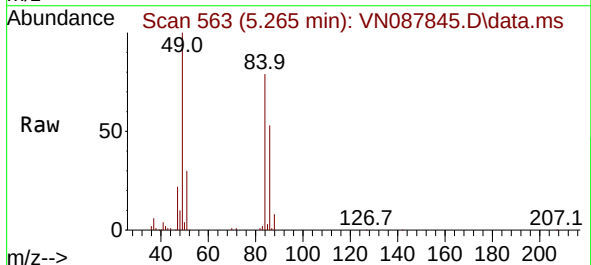
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

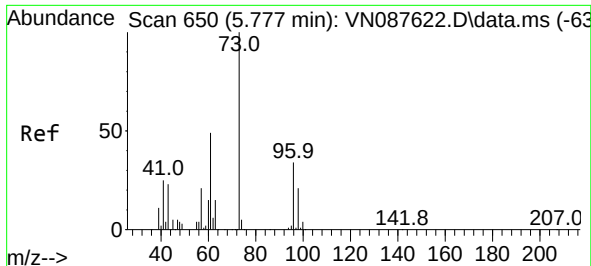
Tgt Ion: 73 Resp: 762198
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6



#20
Methylene Chloride
Concen: 52.597 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 84 Resp: 228358
Ion Ratio Lower Upper
84 100
49 127.1 103.4 155.2
51 38.5 33.8 50.8
86 68.0 49.6 74.4

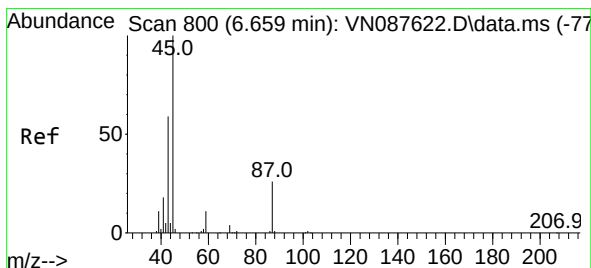
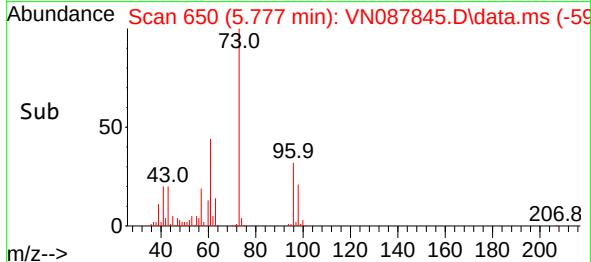
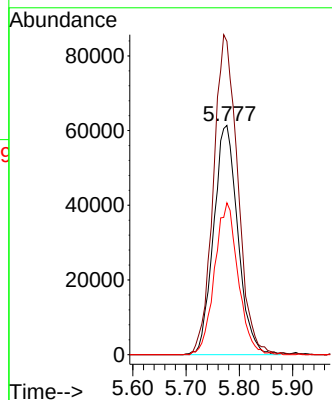
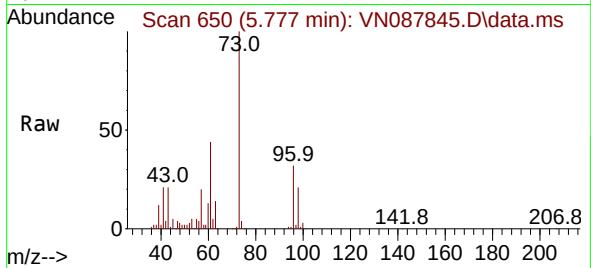




#21
trans-1,2-Dichloroethene
Concen: 46.108 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

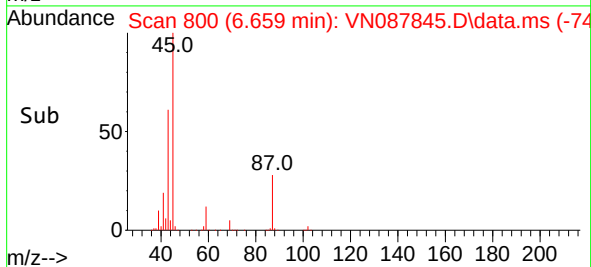
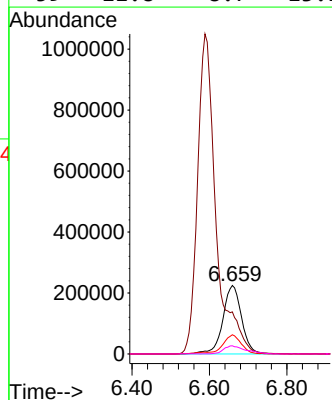
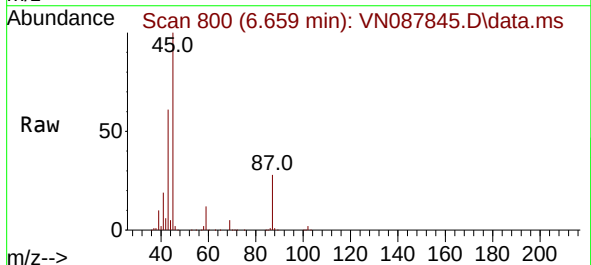
Instrument :
MSVOA_N
ClientSampleId :
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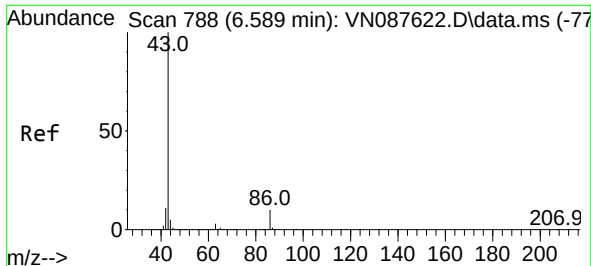
Tgt Ion: 96 Resp: 194131
Ion Ratio Lower Upper
96 100
61 136.6 118.0 177.0
98 66.2 50.0 75.0



#22
Diisopropyl ether
Concen: 49.582 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 45 Resp: 753268
Ion Ratio Lower Upper
45 100
43 60.8 47.7 71.5
87 28.0 21.4 32.0
59 11.8 8.7 13.1

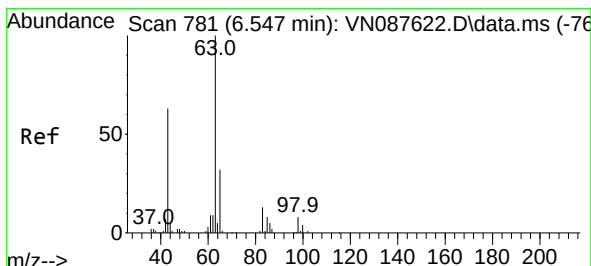
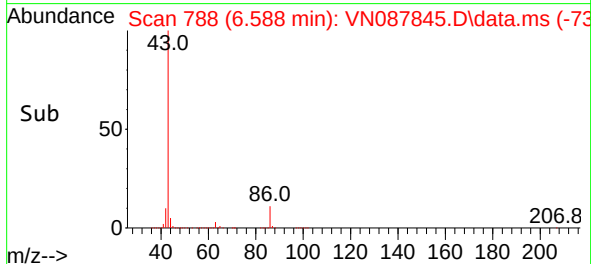
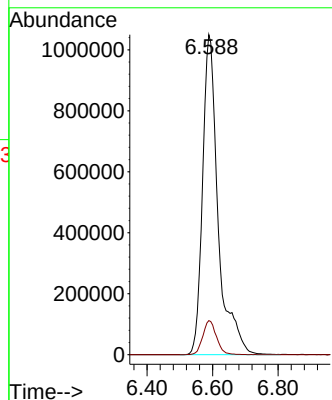
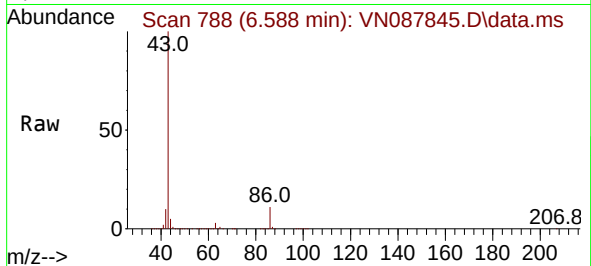




#23
 Vinyl Acetate
 Concen: 250.450 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087845.D
 Acq: 15 Sep 2025 18:09

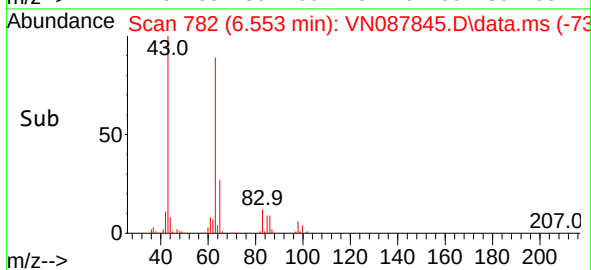
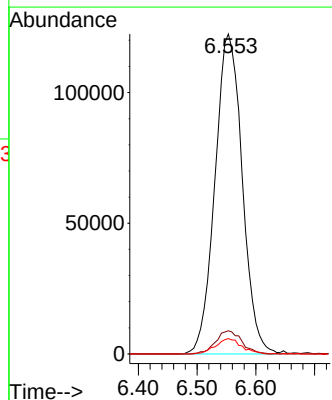
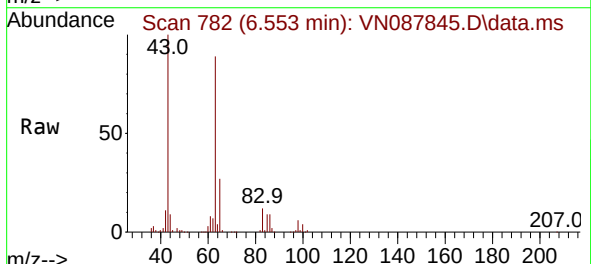
Instrument :
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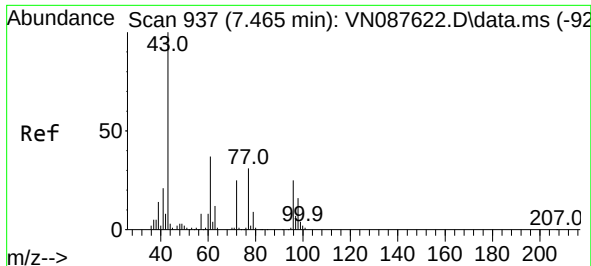
Tgt Ion: 43 Resp: 3461642
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 47.361 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087845.D
 Acq: 15 Sep 2025 18:09

Tgt Ion: 63 Resp: 394506
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.8 2.0 6.0

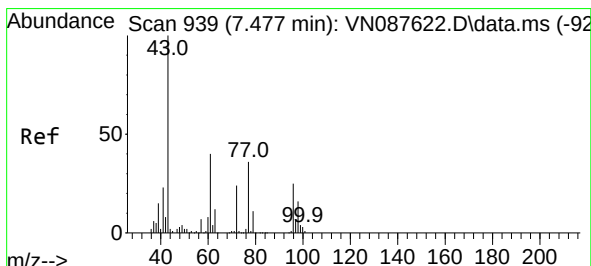
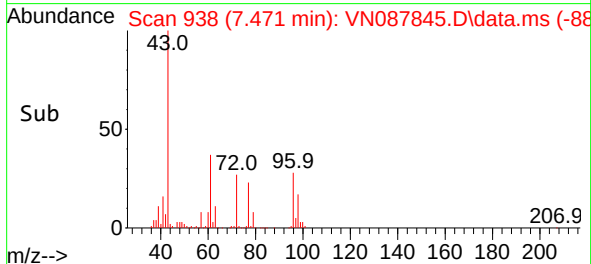
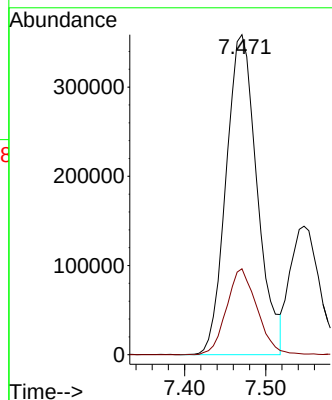
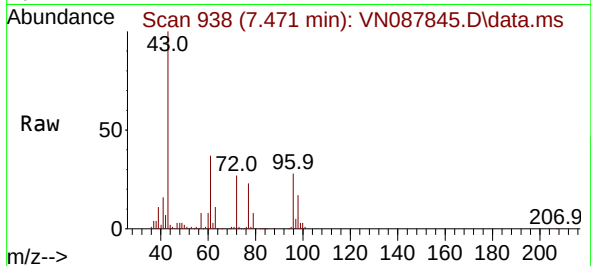




#25
2-Butanone
Concen: 241.522 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

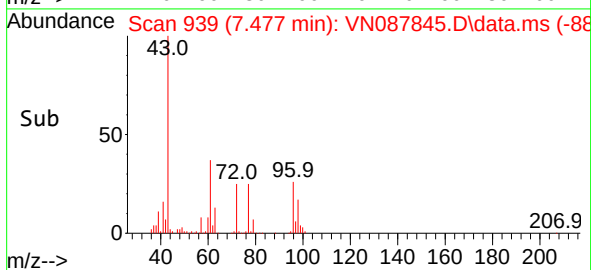
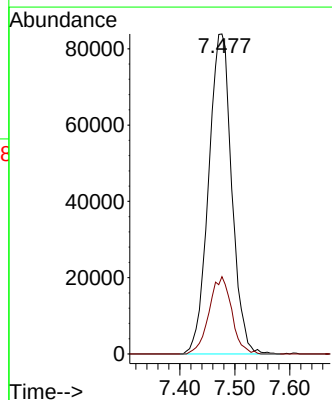
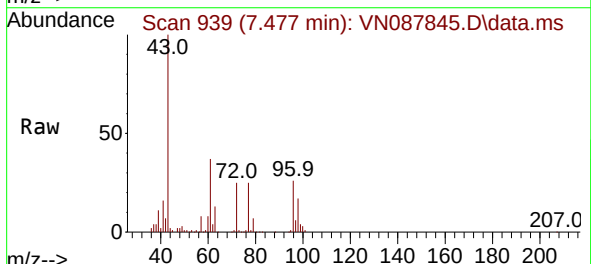
Instrument :
MSVOA_N
ClientSampleId :
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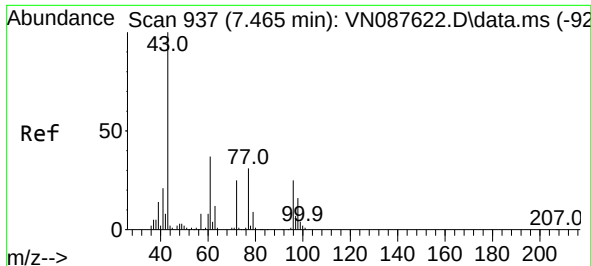
Tgt Ion: 43 Resp: 954958
Ion Ratio Lower Upper
43 100
72 26.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 34.302 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 77 Resp: 245231
Ion Ratio Lower Upper
77 100
97 23.6 10.9 32.7

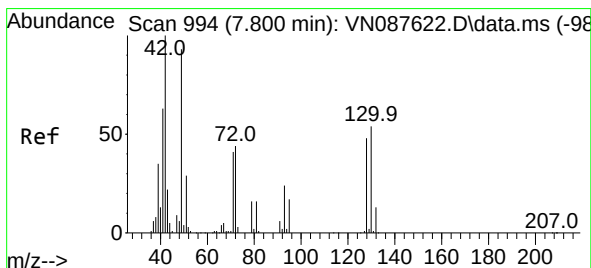
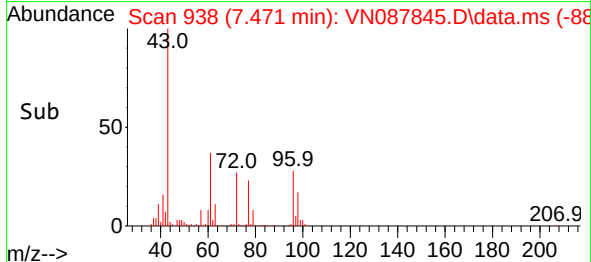
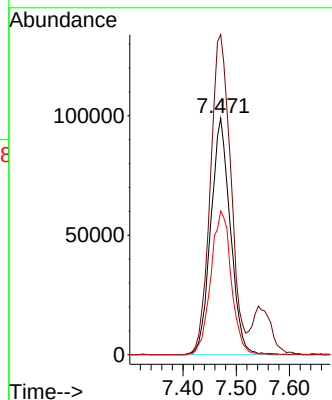
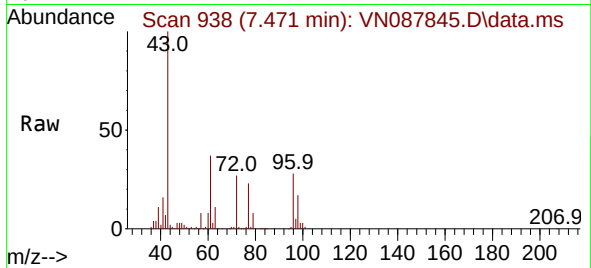




#27
 cis-1,2-Dichloroethene
 Concen: 50.174 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087845.D
 Acq: 15 Sep 2025 18:09

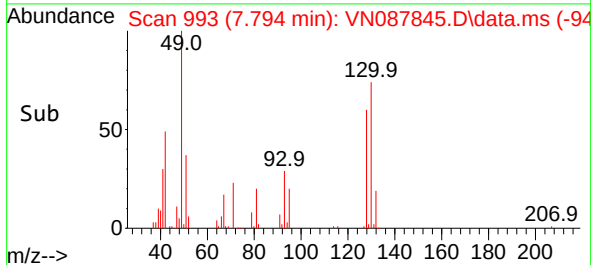
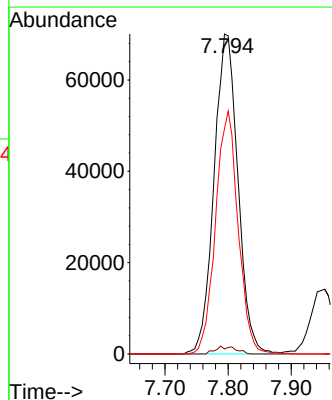
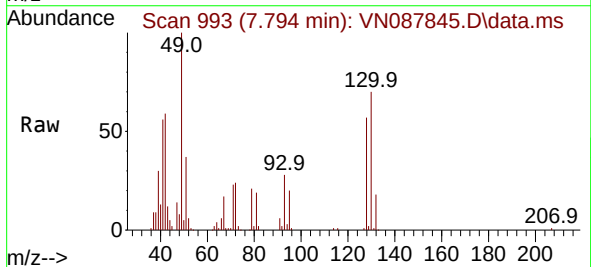
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

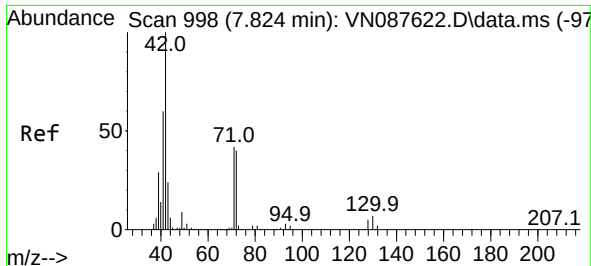
Tgt Ion: 96 Resp: 252545
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 301.8
 98 63.5 0.0 126.2



#28
 Bromochloromethane
 Concen: 45.815 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087845.D
 Acq: 15 Sep 2025 18:09

Tgt Ion: 49 Resp: 184494
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.0
 130 71.6 53.1 79.7

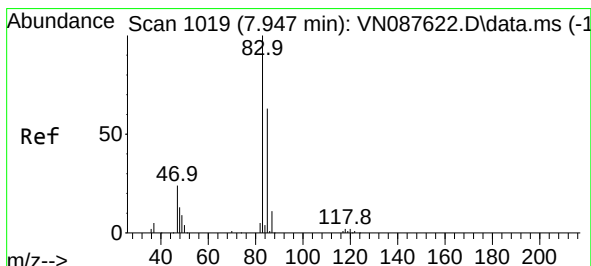
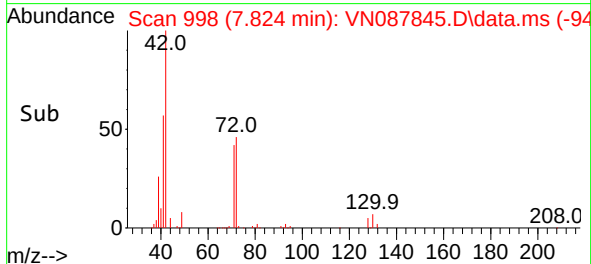
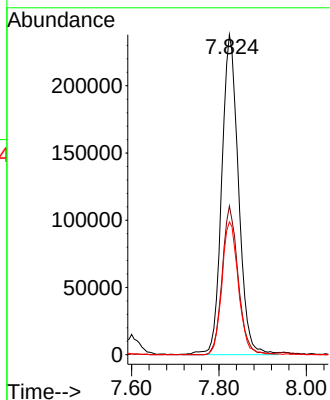
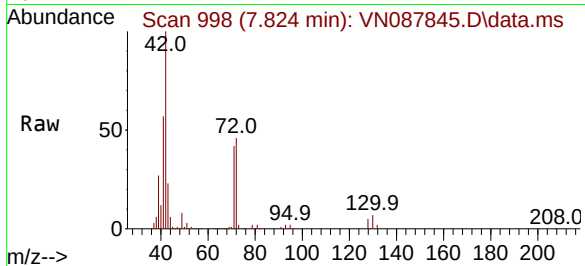




#29
Tetrahydrofuran
Concen: 248.411 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

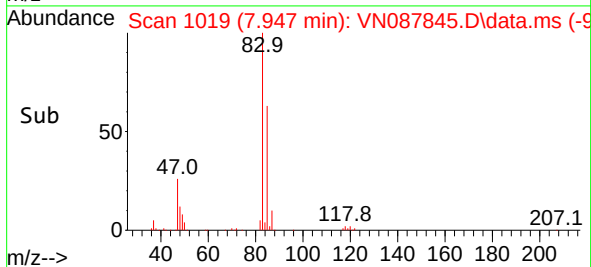
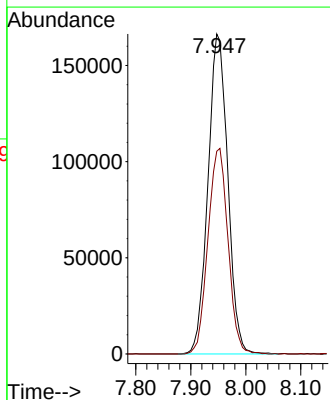
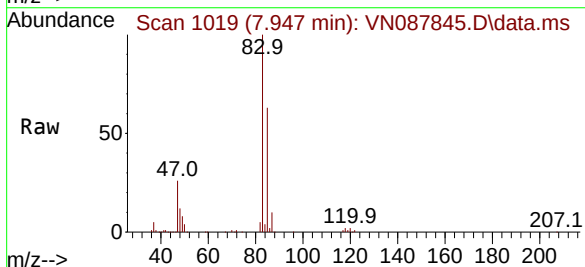
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

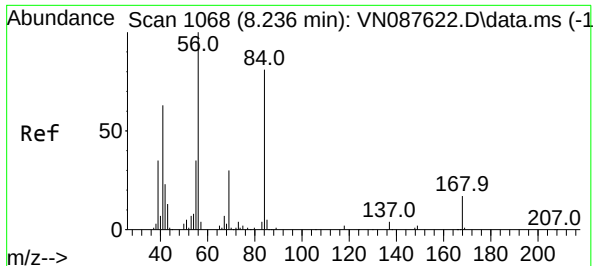
Tgt Ion: 42 Resp: 632100
Ion Ratio Lower Upper
42 100
72 44.2 33.7 50.5
71 40.8 31.9 47.9



#30
Chloroform
Concen: 49.016 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 83 Resp: 416740
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1

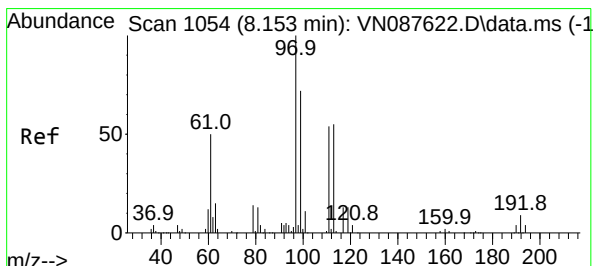
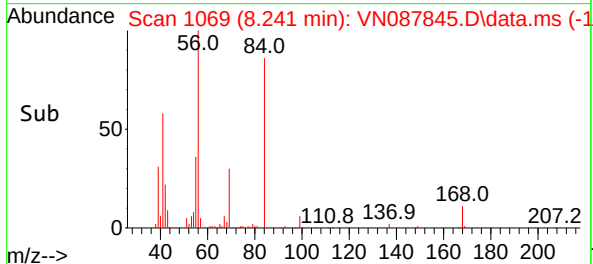
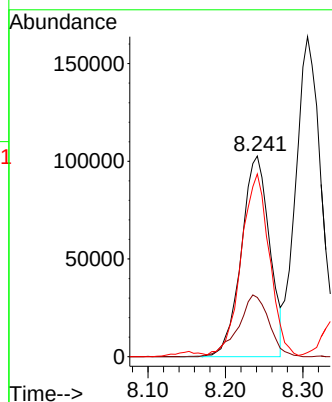
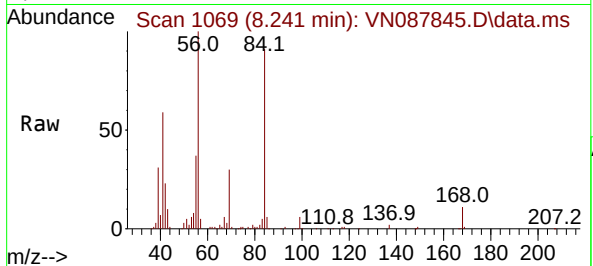




#31
Cyclohexane
Concen: 37.521 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

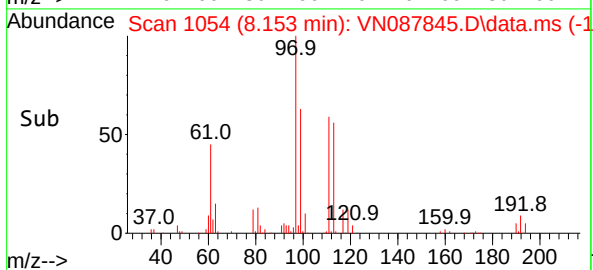
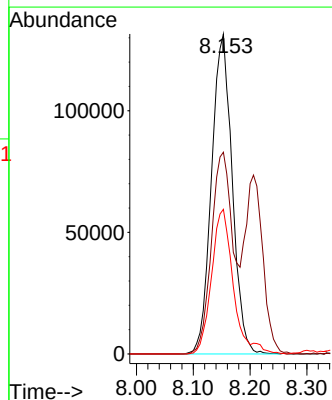
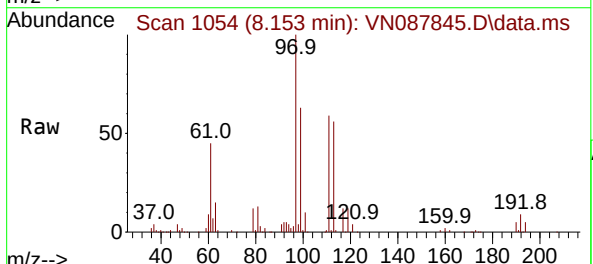
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

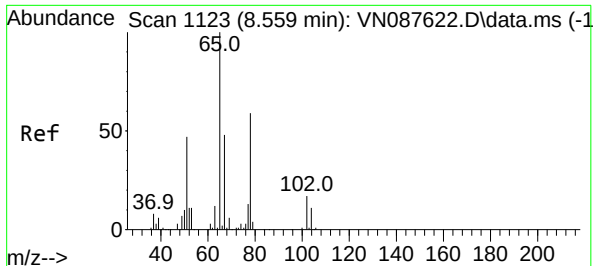
Tgt Ion: 56 Resp: 260548
Ion Ratio Lower Upper
56 100
69 29.5 23.7 35.5
84 89.1 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 46.091 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 97 Resp: 332100
Ion Ratio Lower Upper
97 100
99 66.4 52.2 78.2
61 47.6 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 44.058 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Instrument :

MSVOA_N

ClientSampleId :

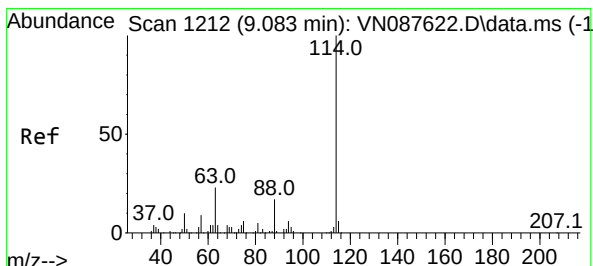
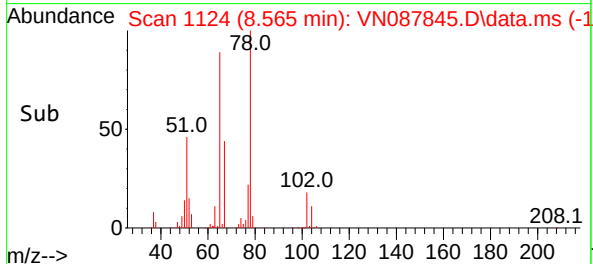
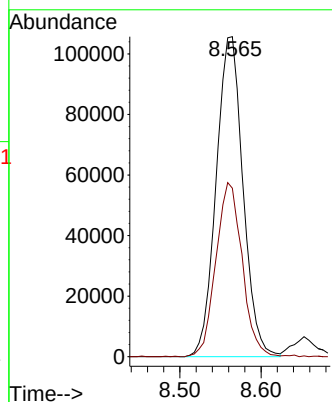
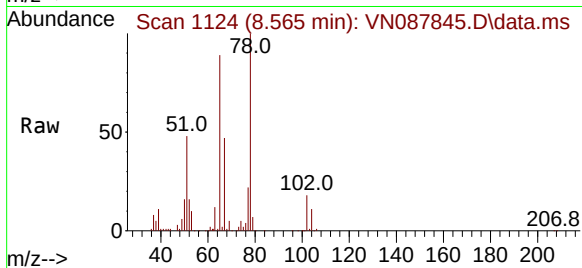
VSTDCCC050EC

Tgt Ion: 65 Resp: 243236

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

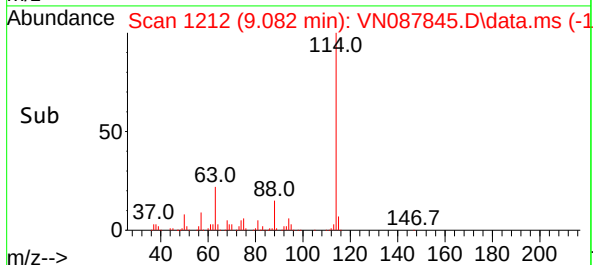
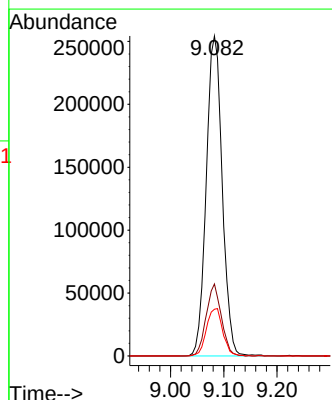
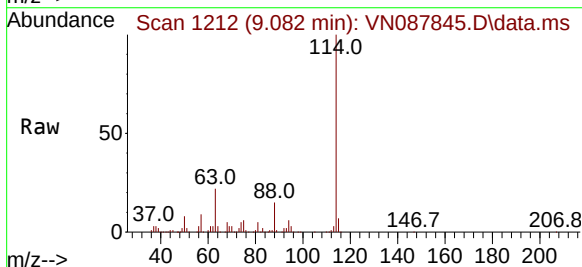
Tgt Ion: 114 Resp: 529395

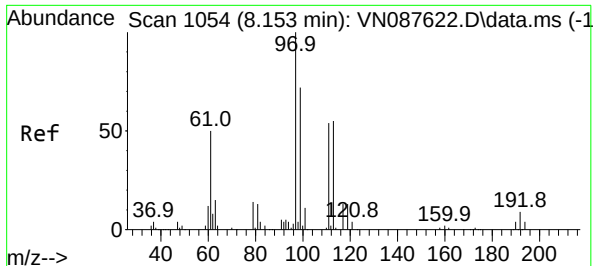
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

88 14.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.580 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

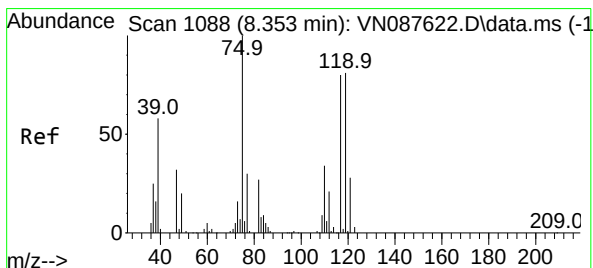
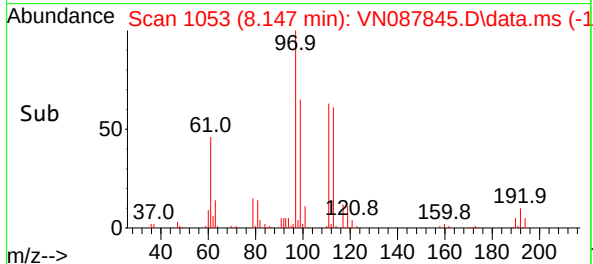
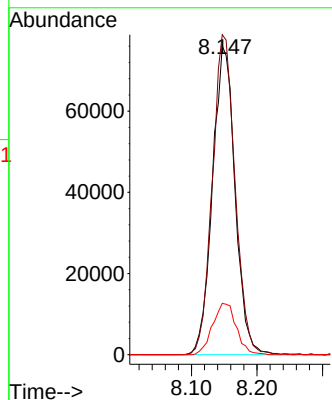
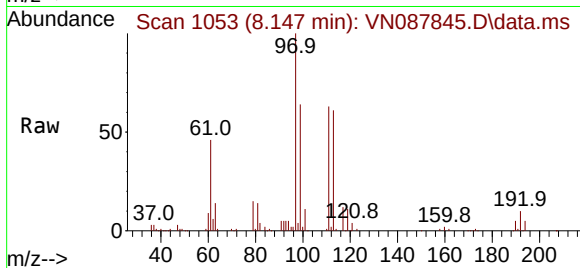
Tgt Ion:113 Resp: 181861

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

192 17.5 12.8 19.2



#36

1,1-Dichloropropene

Concen: 41.254 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

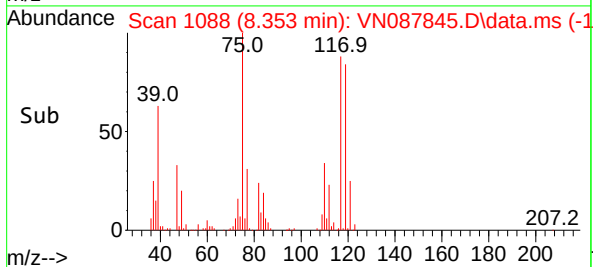
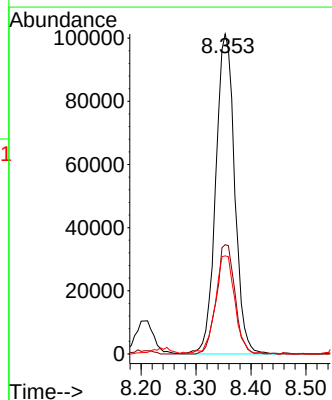
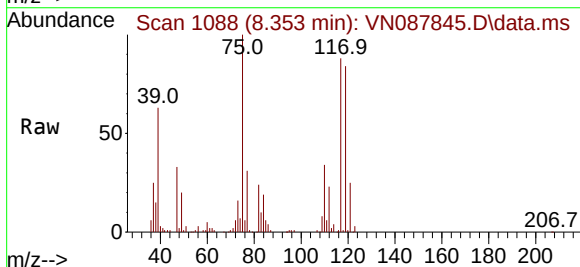
Tgt Ion: 75 Resp: 241903

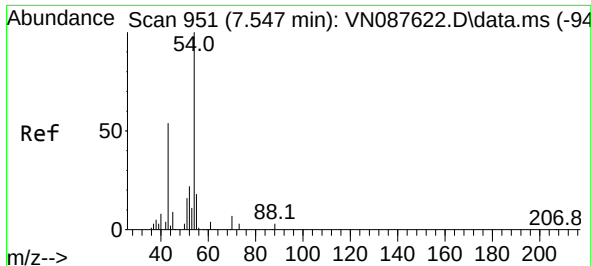
Ion Ratio Lower Upper

75 100

110 33.6 15.9 47.6

77 31.9 24.4 36.6

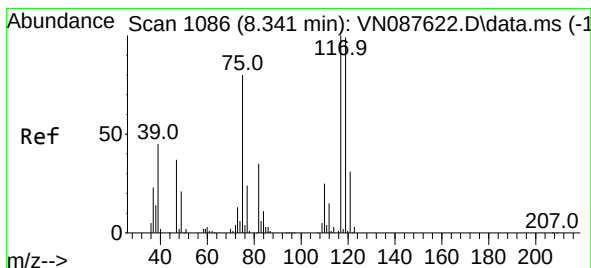
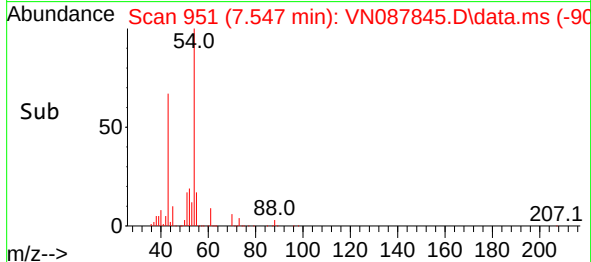
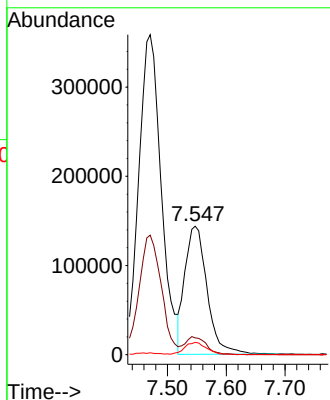
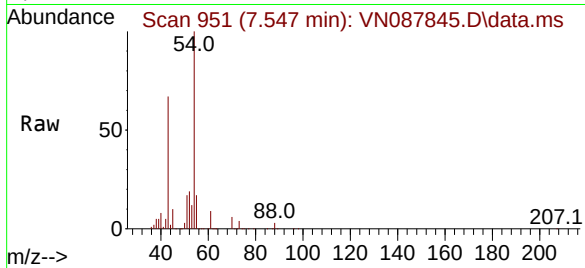




#37
Ethyl Acetate
Concen: 46.955 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

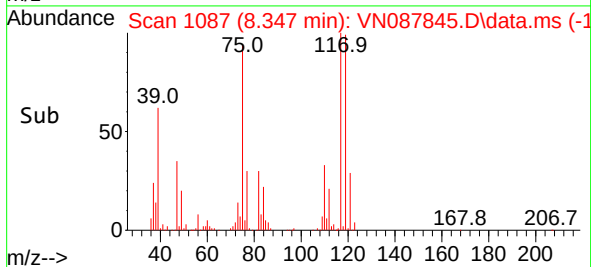
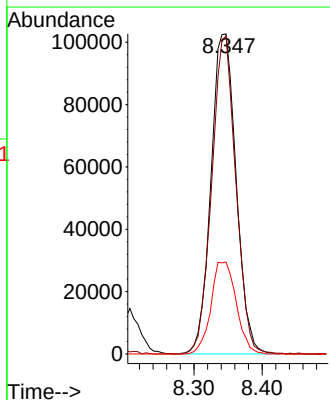
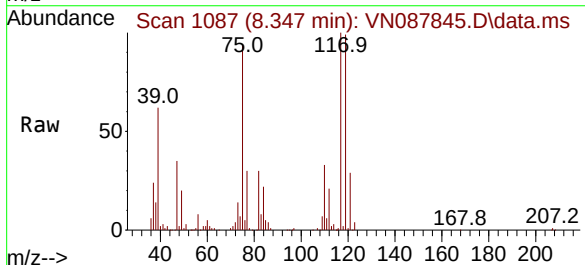
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

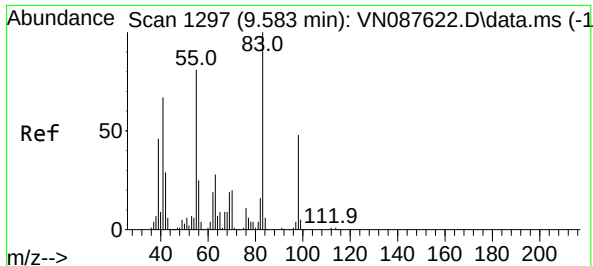
Tgt Ion: 43 Resp: 376236
Ion Ratio Lower Upper
43 100
61 13.7 9.3 13.9
70 9.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 45.471 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 117 Resp: 263251
Ion Ratio Lower Upper
117 100
119 99.4 79.0 118.6
121 28.7 25.0 37.6





#39

Methylcyclohexane

Concen: 39.932 ug/l

RT: 9.582 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

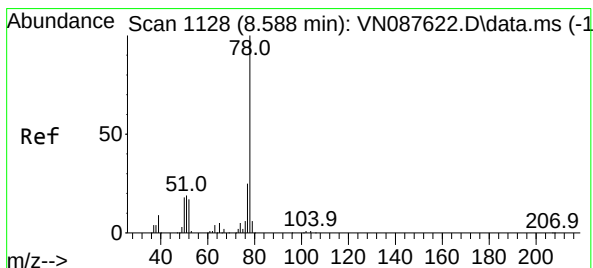
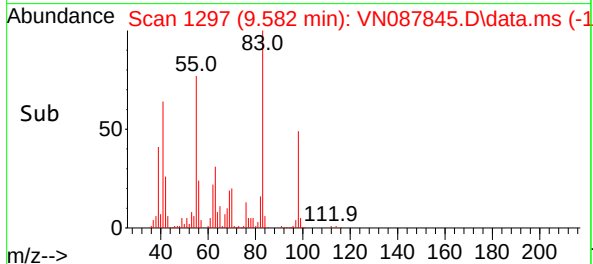
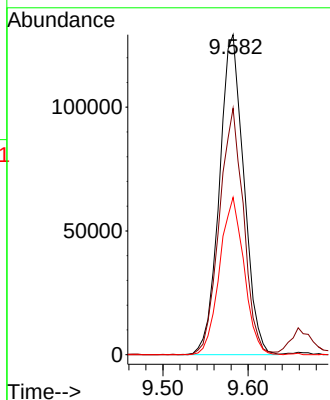
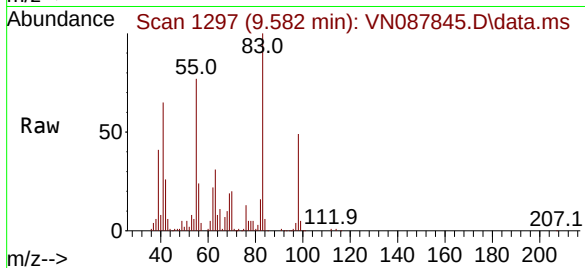
Tgt Ion: 83 Resp: 257790

Ion Ratio Lower Upper

83 100

55 77.0 64.6 96.8

98 49.2 38.4 57.6



#40

Benzene

Concen: 48.048 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087845.D

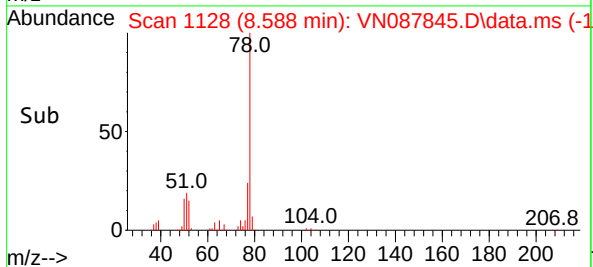
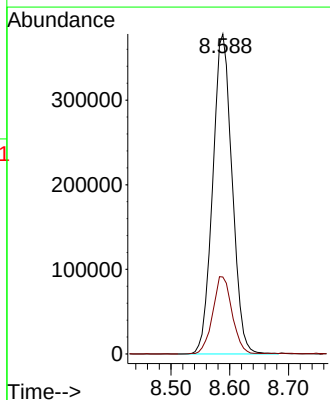
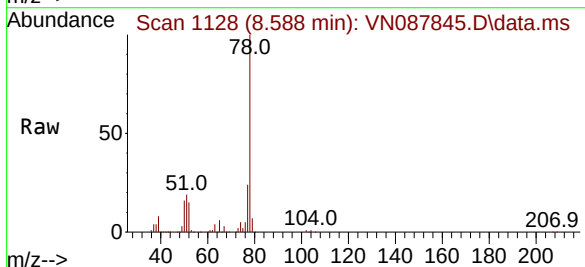
Acq: 15 Sep 2025 18:09

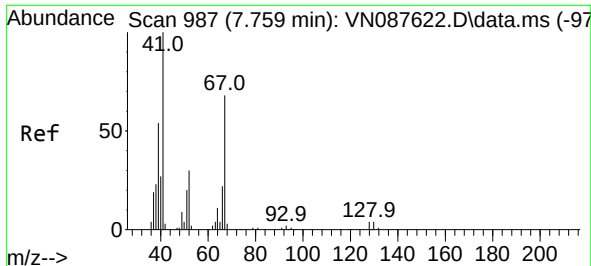
Tgt Ion: 78 Resp: 864153

Ion Ratio Lower Upper

78 100

77 24.1 19.7 29.5

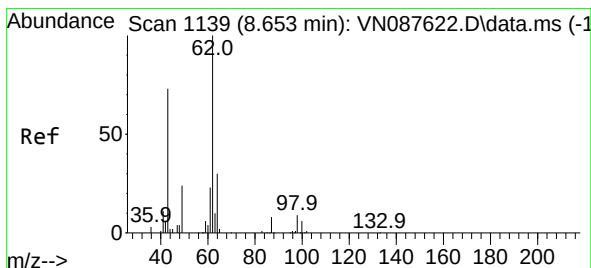
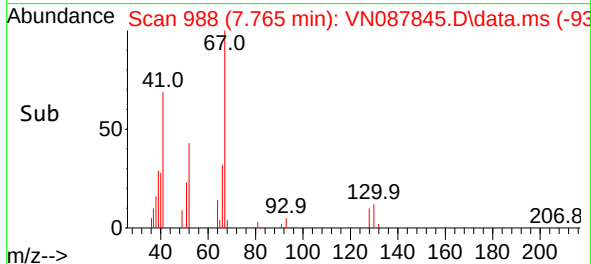
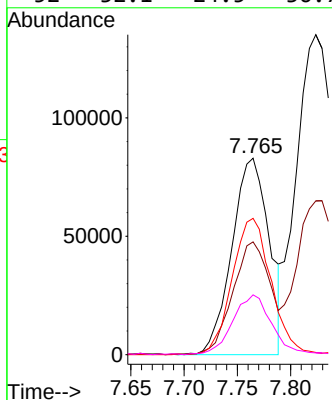
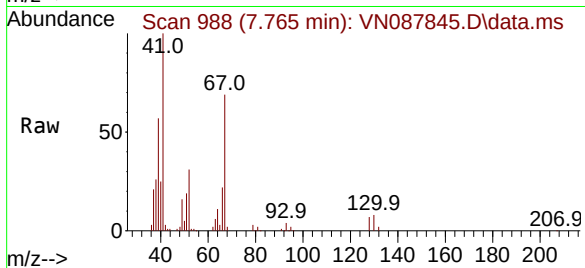




#41
Methacrylonitrile
Concen: 48.751 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

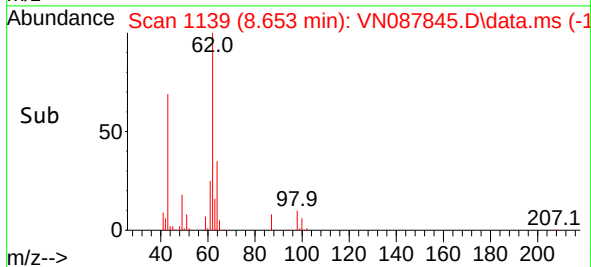
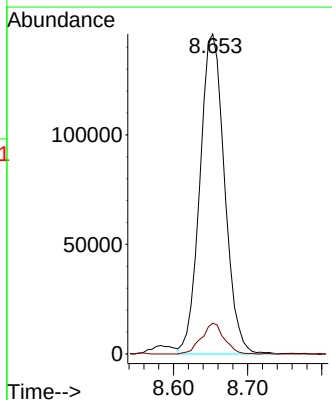
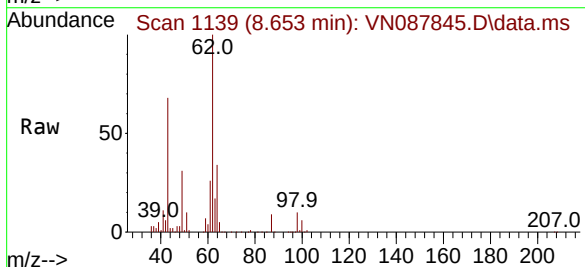
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

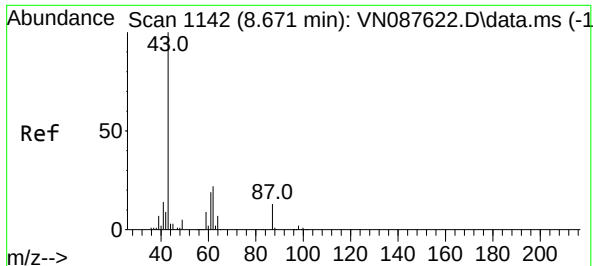
Tgt Ion: 41 Resp: 202347
Ion Ratio Lower Upper
41 100
39 56.5 45.4 68.0
67 73.0 55.3 82.9
52 32.1 24.5 36.7



#42
1,2-Dichloroethane
Concen: 48.772 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 62 Resp: 337079
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.4

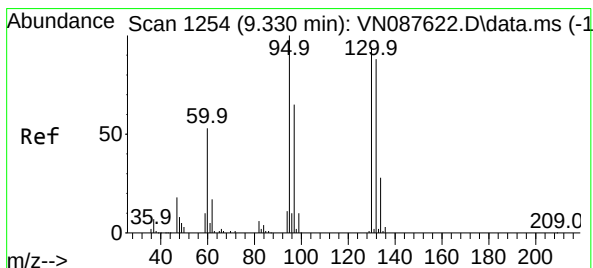
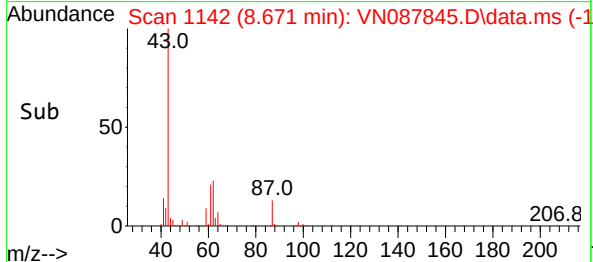
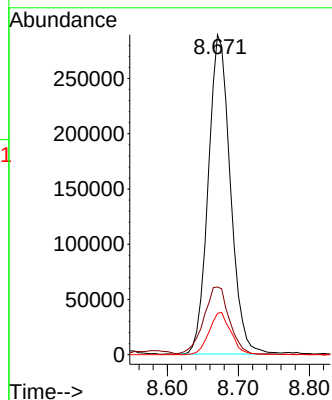
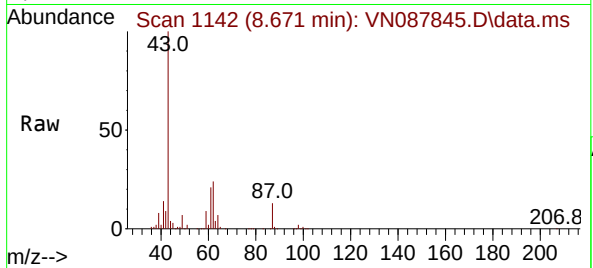




#43
Isopropyl Acetate
Concen: 50.026 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

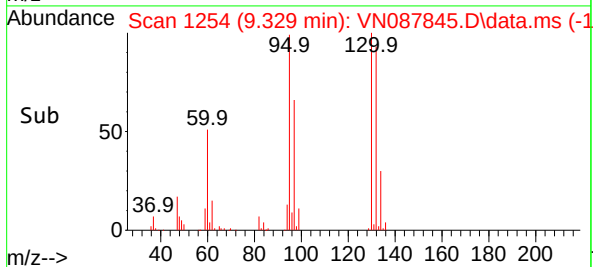
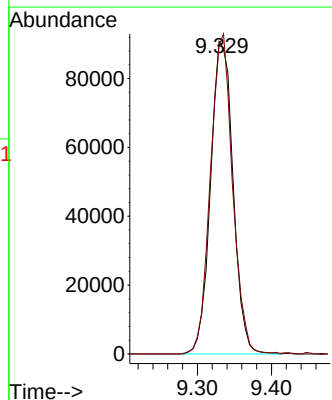
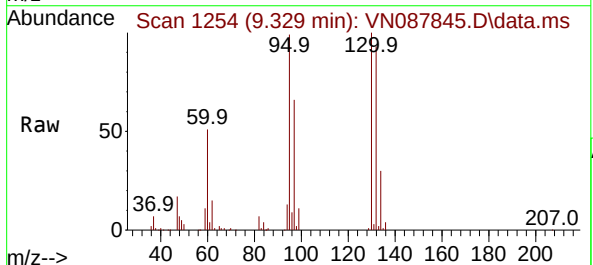
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

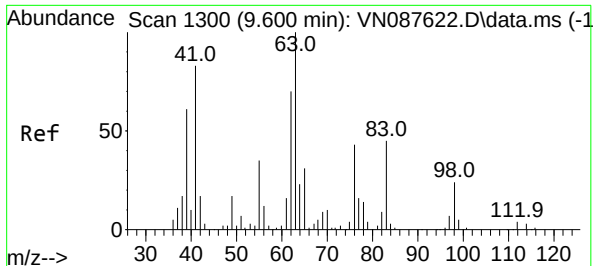
Tgt Ion: 43 Resp: 625825
Ion Ratio Lower Upper
43 100
61 24.2 18.8 28.2
87 13.1 9.6 14.4



#44
Trichloroethene
Concen: 46.587 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion:130 Resp: 191290
Ion Ratio Lower Upper
130 100
95 98.7 0.0 212.0

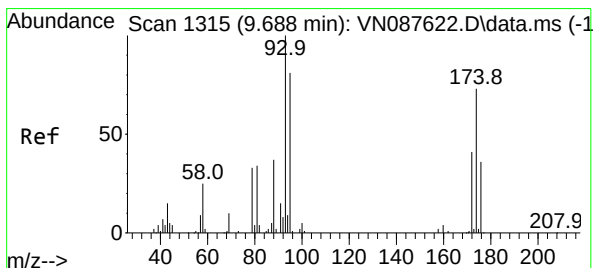
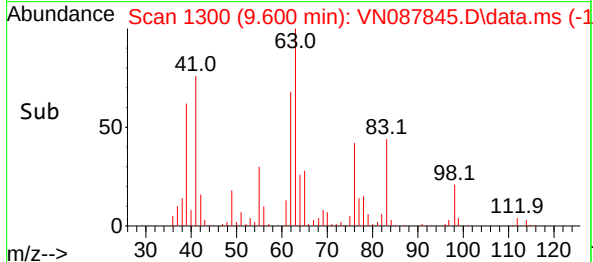
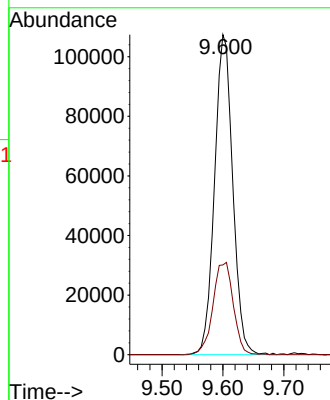
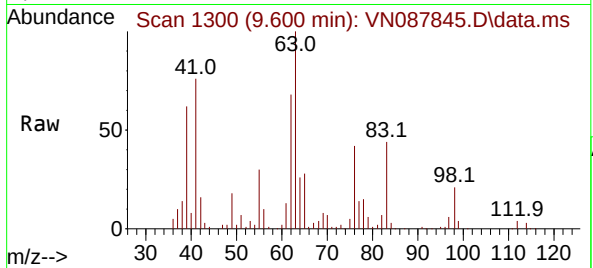




#45
1,2-Dichloropropane
Concen: 46.998 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

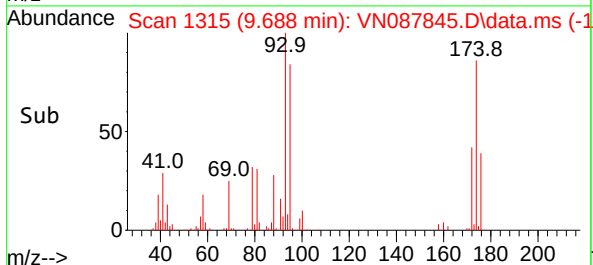
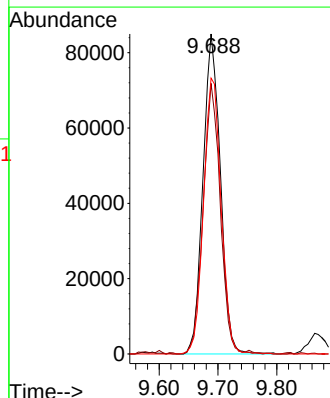
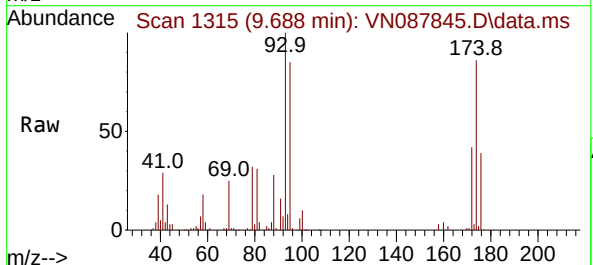
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

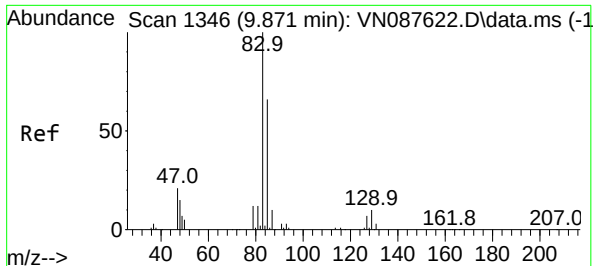
Tgt Ion: 63 Resp: 222803
Ion Ratio Lower Upper
63 100
65 28.1 25.0 37.4



#46
Dibromomethane
Concen: 51.668 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 93 Resp: 174304
Ion Ratio Lower Upper
93 100
95 83.1 66.2 99.4
174 87.7 63.4 95.2

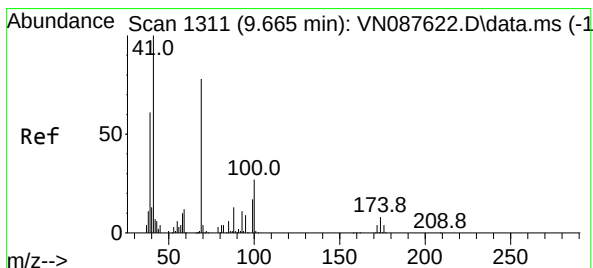
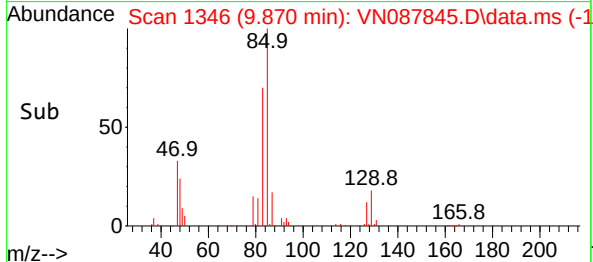
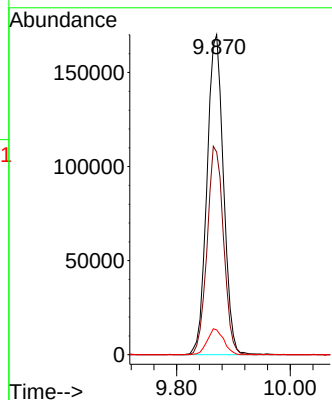
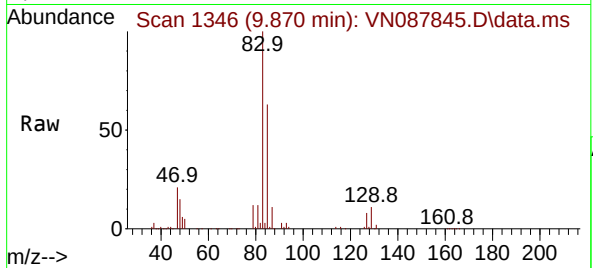




#47
Bromodichloromethane
Concen: 49.347 ug/l
RT: 9.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

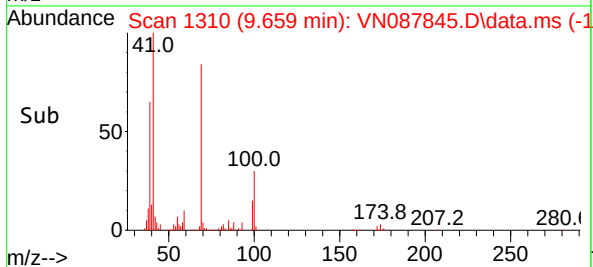
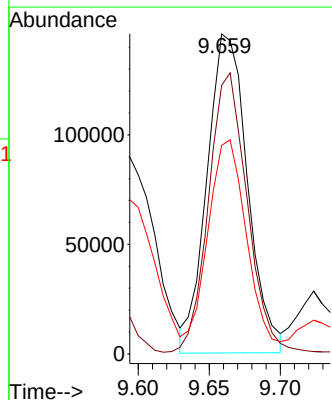
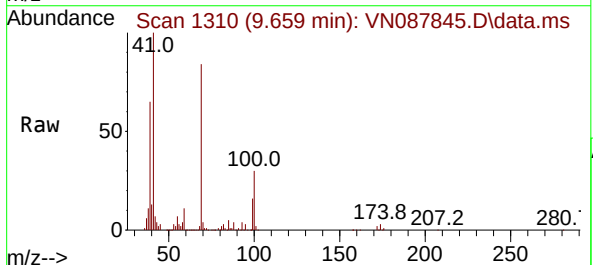
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

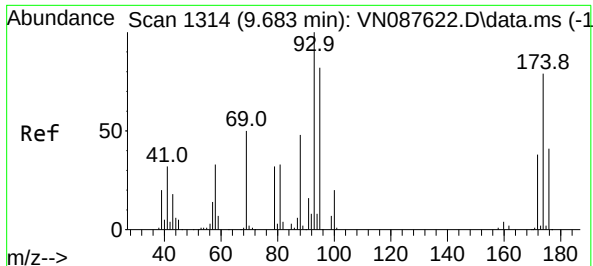
Tgt Ion: 83 Resp: 341181
Ion Ratio Lower Upper
83 100
85 63.3 52.5 78.7
127 7.8 5.8 8.6



#48
Methyl methacrylate
Concen: 48.878 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 41 Resp: 289223
Ion Ratio Lower Upper
41 100
69 84.9 62.7 94.1
39 64.9 52.9 79.3

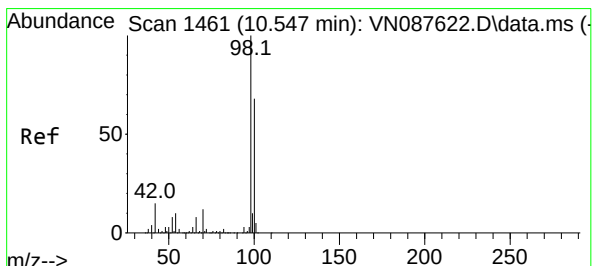
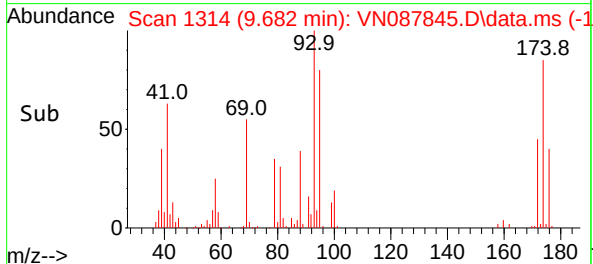
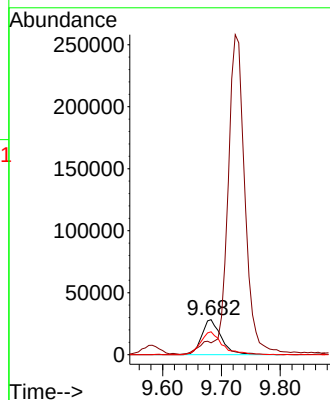
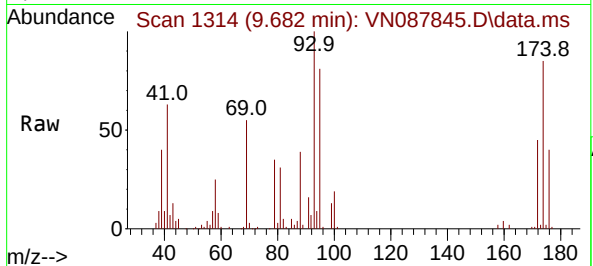




#49
1,4-Dioxane
Concen: 848.858 ug/l
RT: 9.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

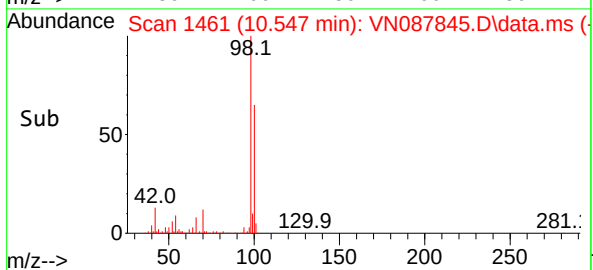
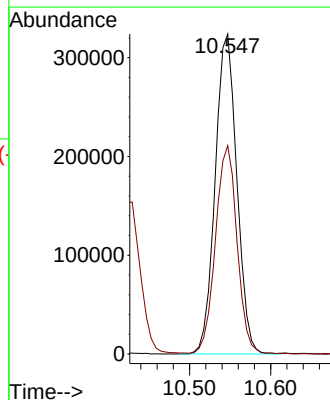
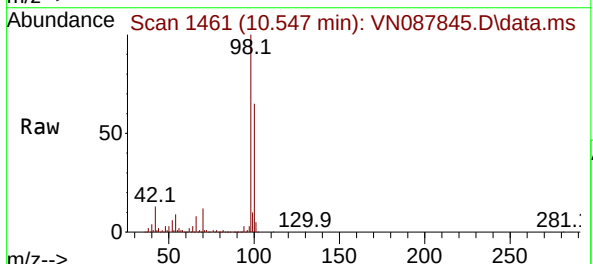
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

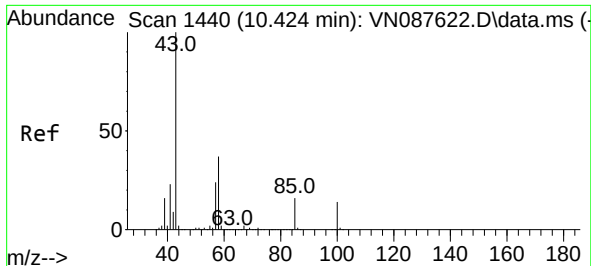
Tgt Ion: 88 Resp: 65104
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.4 57.9 86.9



#50
Toluene-d8
Concen: 42.004 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 98 Resp: 600905
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2

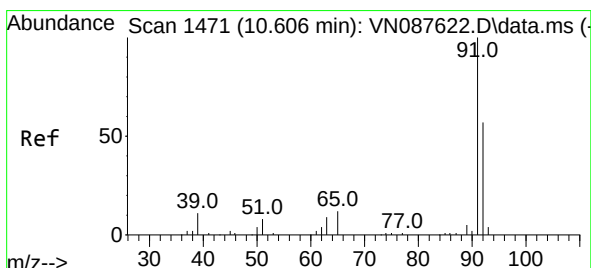
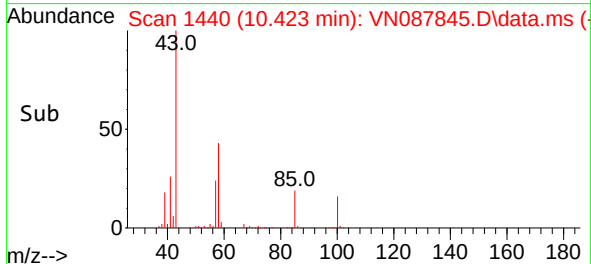
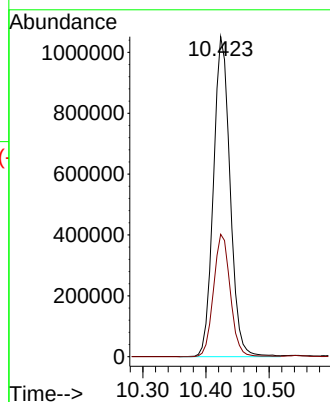
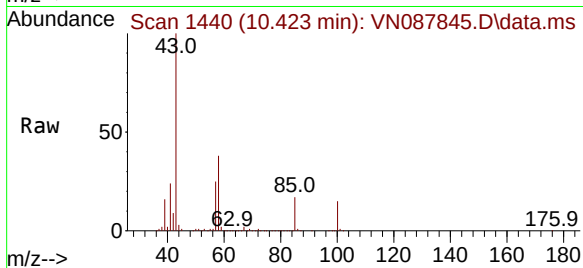




#51
4-Methyl-2-Pentanone
Concen: 255.350 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

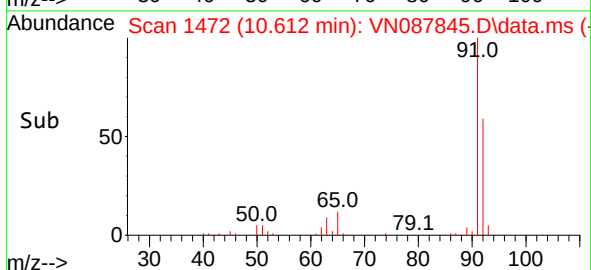
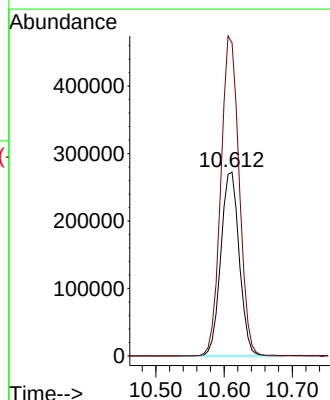
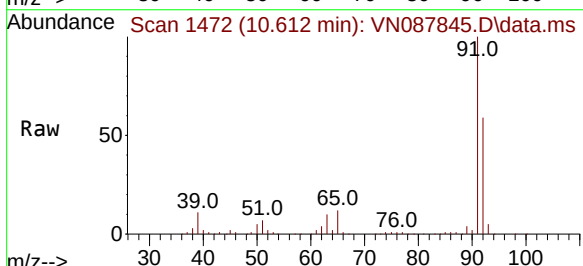
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

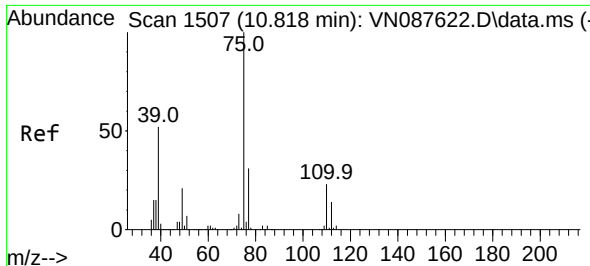
Tgt Ion: 43 Resp: 1927319
Ion Ratio Lower Upper
43 100
58 38.5 29.6 44.4



#52
Toluene
Concen: 46.001 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 92 Resp: 512899
Ion Ratio Lower Upper
92 100
91 173.2 140.4 210.6

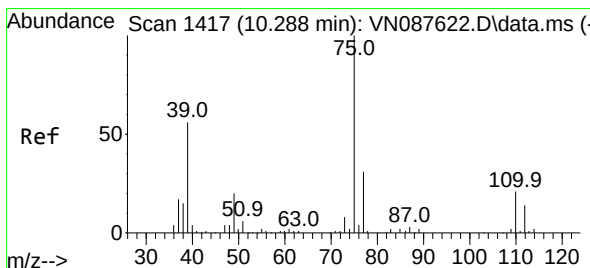
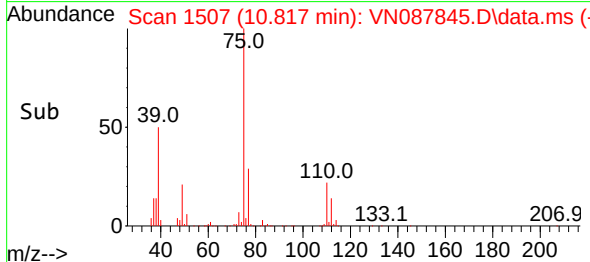
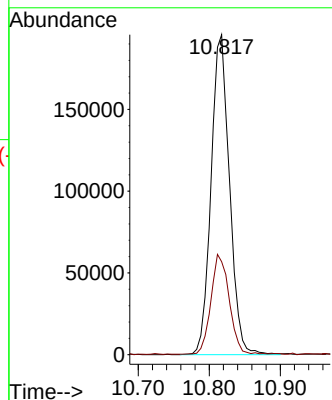
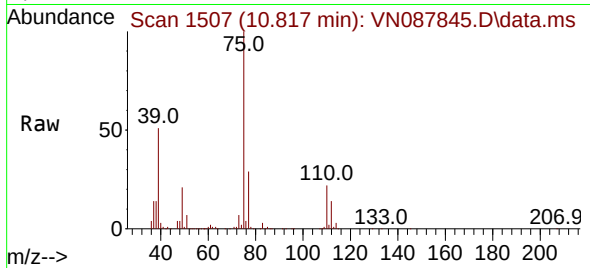




#53
t-1,3-Dichloropropene
Concen: 49.256 ug/l
RT: 10.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

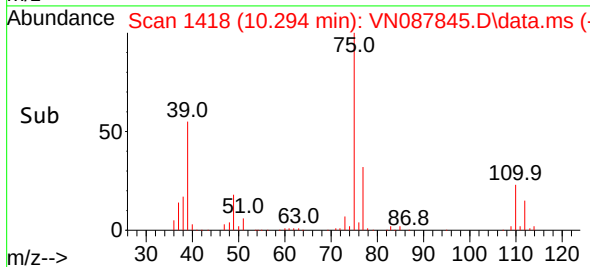
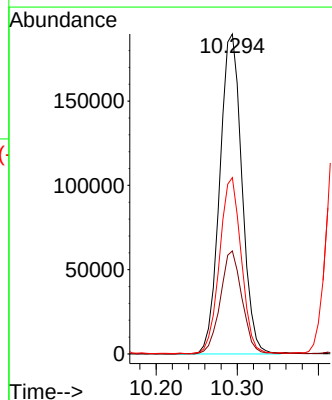
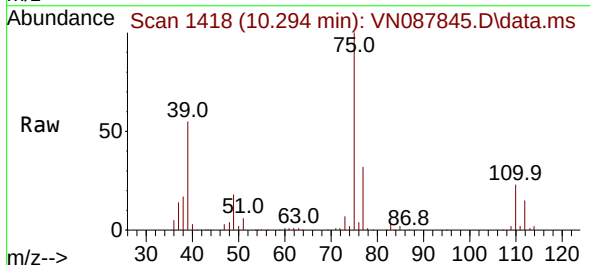
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

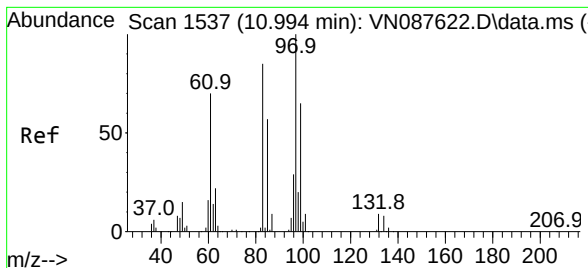
Tgt Ion: 75 Resp: 352507
Ion Ratio Lower Upper
75 100
77 28.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 48.355 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 75 Resp: 359321
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0
39 54.8 45.2 67.8

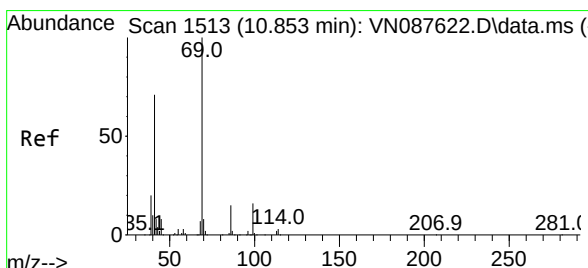
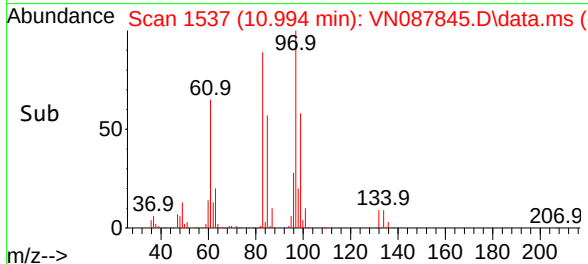
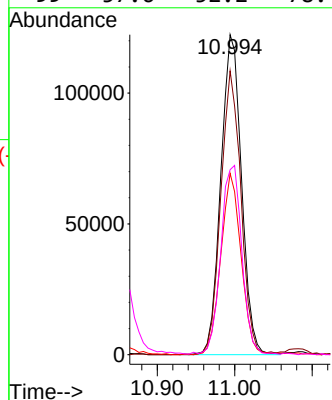
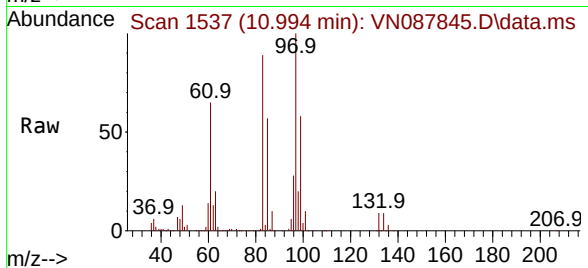




#55
1,1,2-Trichloroethane
Concen: 52.611 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

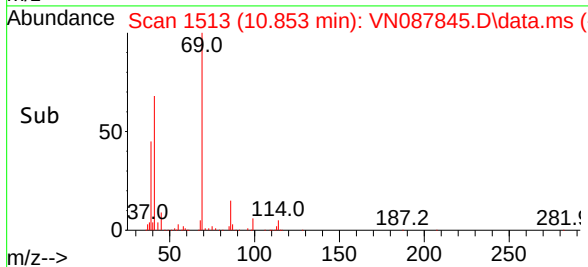
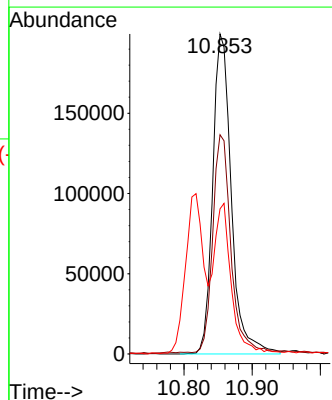
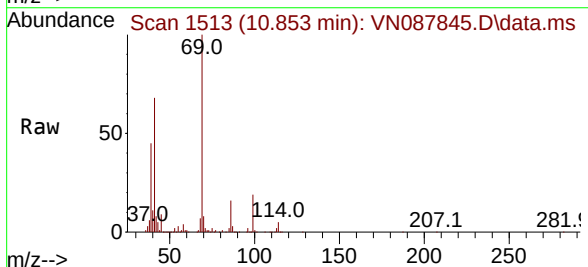
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

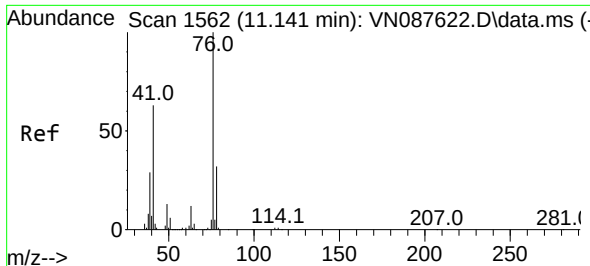
Tgt Ion:	97	Resp:	226923
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.2	102.4
85	56.6	45.5	68.3
99	57.6	52.2	78.4



#56
Ethyl methacrylate
Concen: 54.917 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion:	69	Resp:	378542
Ion	Ratio	Lower	Upper
69	100		
41	66.5	56.5	84.7
39	43.0	34.2	51.4

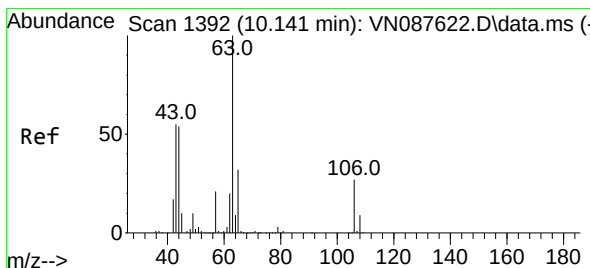
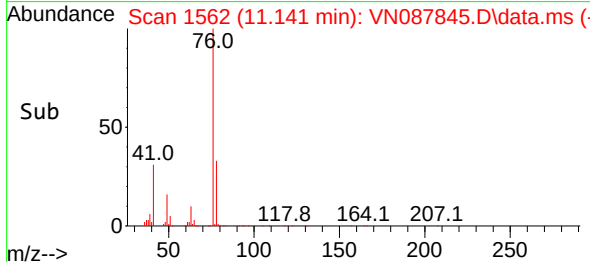
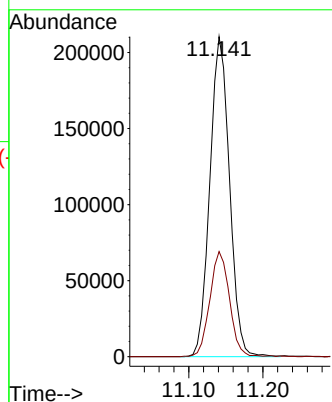
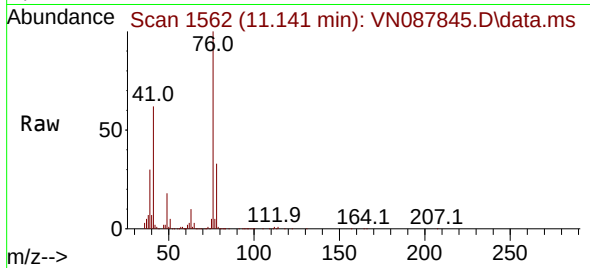




#57
1,3-Dichloropropane
Concen: 50.734 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

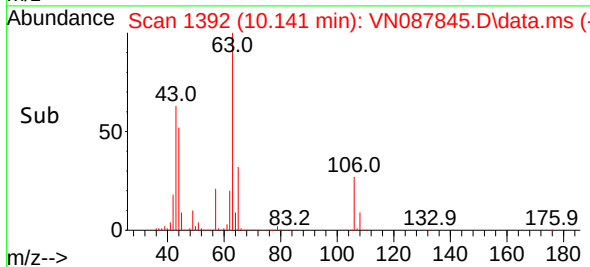
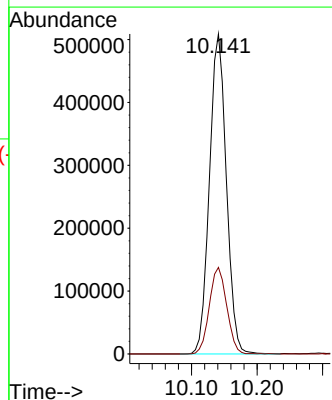
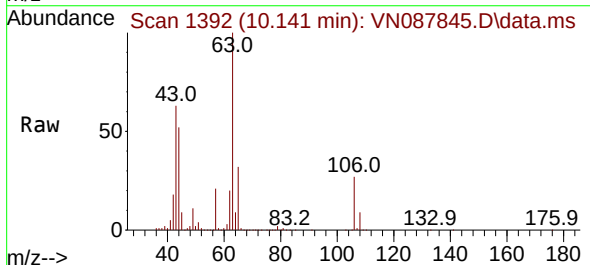
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

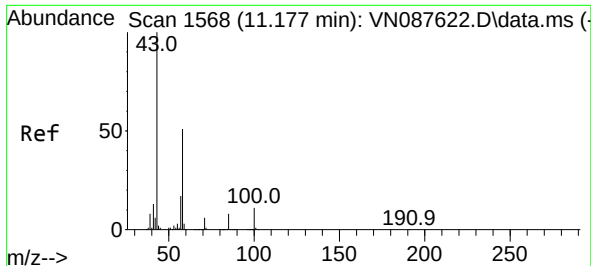
Tgt Ion: 76 Resp: 387272
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 244.517 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 63 Resp: 912262
Ion Ratio Lower Upper
63 100
106 27.8 21.1 31.7





#59

2-Hexanone

Concen: 276.047 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Instrument :

MSVOA_N

ClientSampleId :

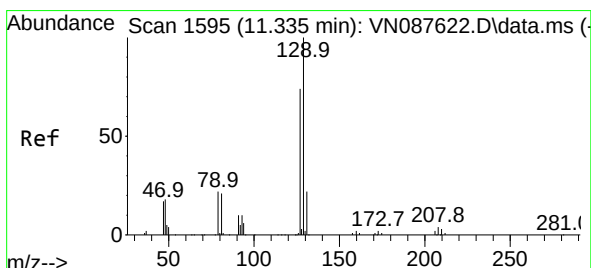
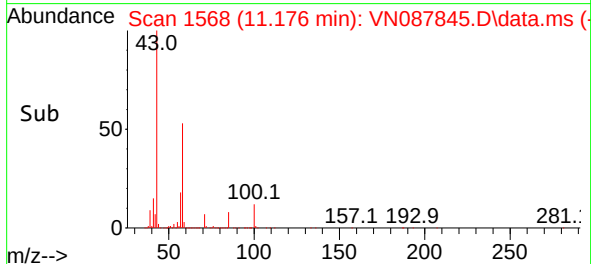
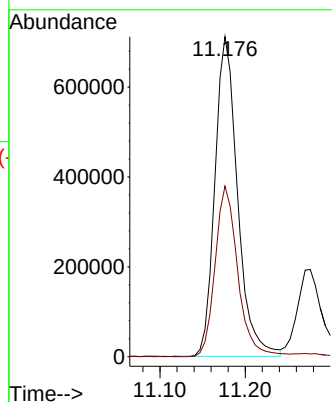
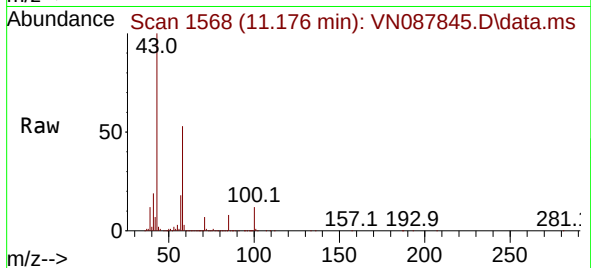
VSTDCCC050EC

Tgt Ion: 43 Resp: 1316796

Ion Ratio Lower Upper

43 100

58 53.4 25.9 77.8



#60

Dibromochloromethane

Concen: 52.872 ug/l

RT: 11.341 min Scan# 1596

Delta R.T. 0.006 min

Lab File: VN087845.D

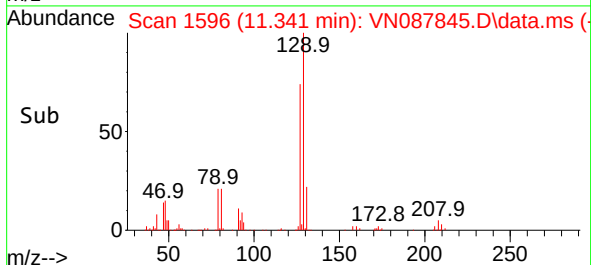
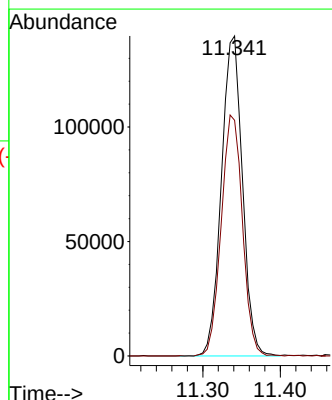
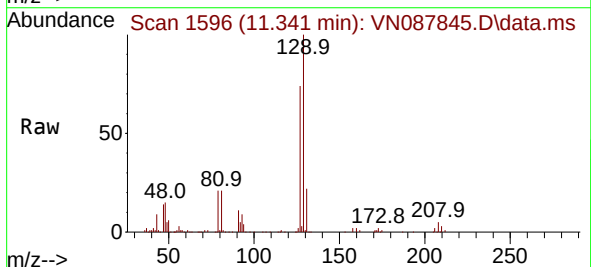
Acq: 15 Sep 2025 18:09

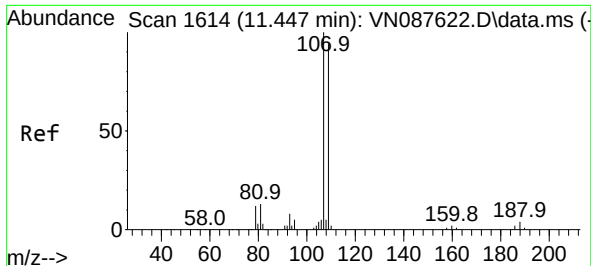
Tgt Ion: 129 Resp: 264236

Ion Ratio Lower Upper

129 100

127 75.9 39.1 117.3

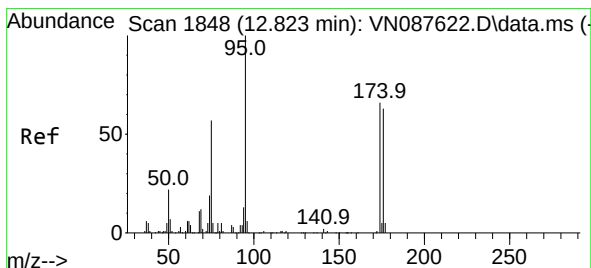
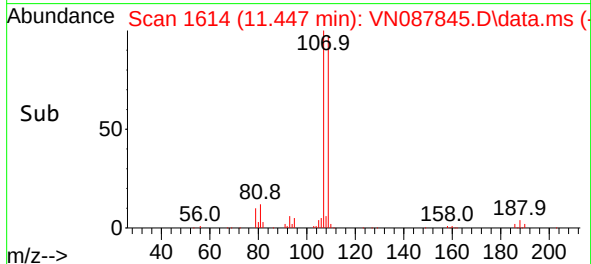
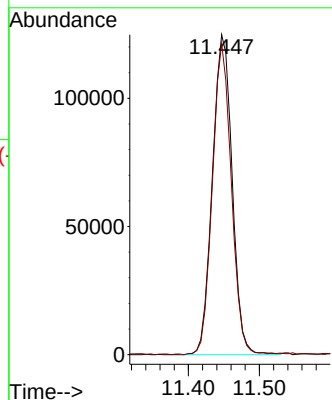
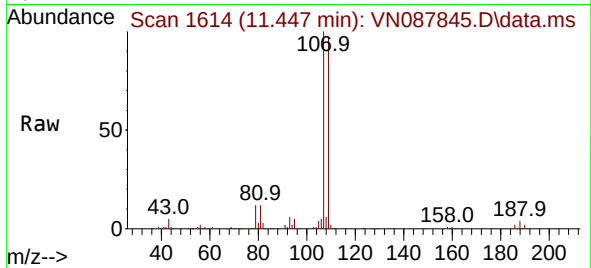




#61
1,2-Dibromoethane
Concen: 52.859 ug/l
RT: 11.447 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

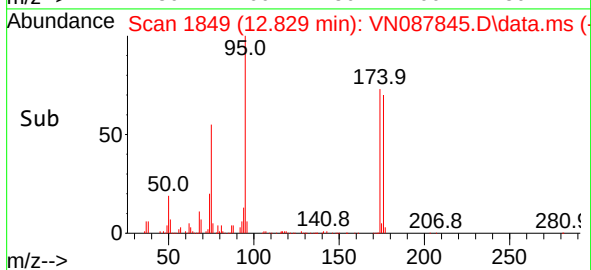
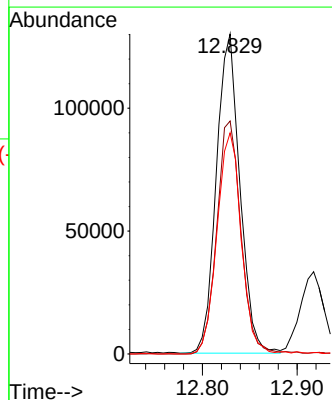
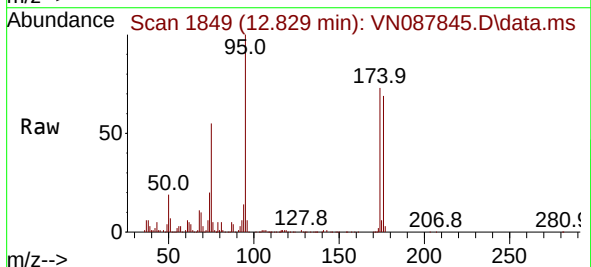
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

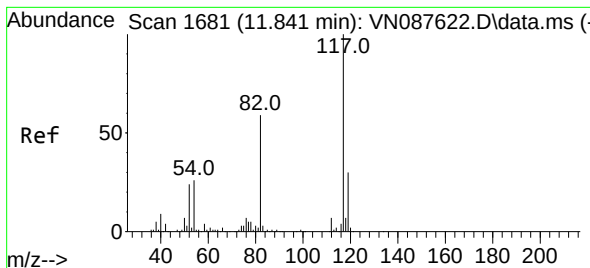
Tgt Ion:107 Resp: 240405
Ion Ratio Lower Upper
107 100
109 94.0 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 44.108 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 95 Resp: 224403
Ion Ratio Lower Upper
95 100
174 75.2 0.0 138.4
176 71.6 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

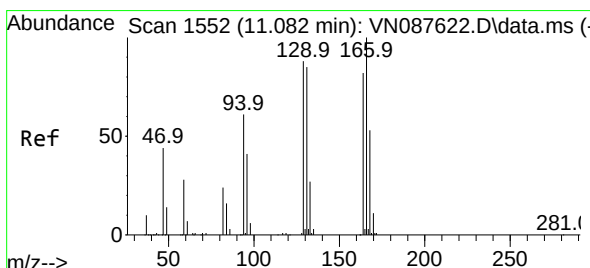
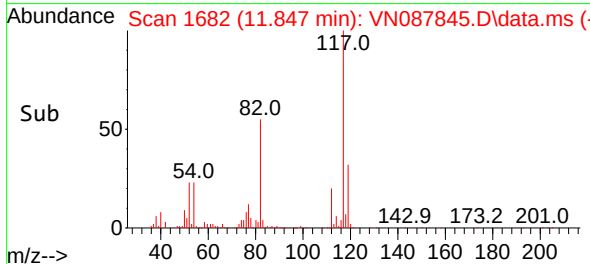
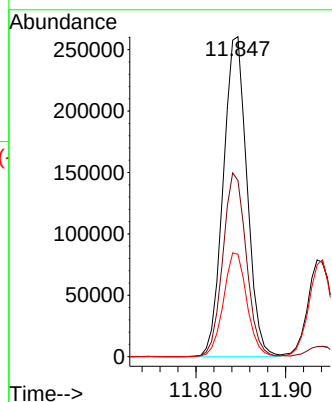
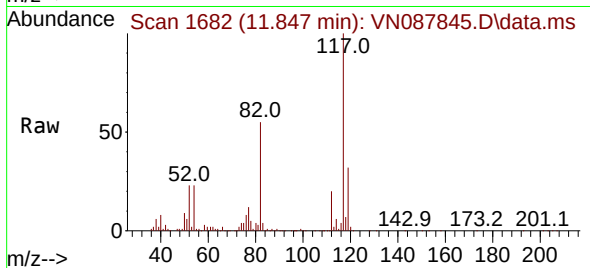
Tgt Ion:117 Resp: 478652

Ion Ratio Lower Upper

117 100

82 55.0 47.4 71.2

119 32.0 24.3 36.5



#64

Tetrachloroethene

Concen: 45.750 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Tgt Ion:164 Resp: 151928

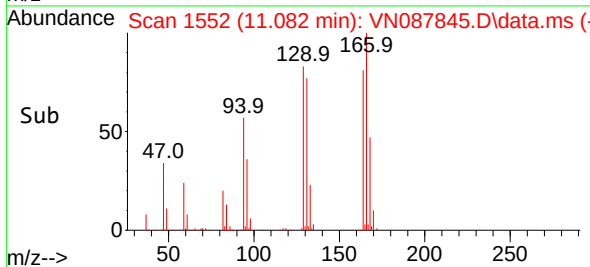
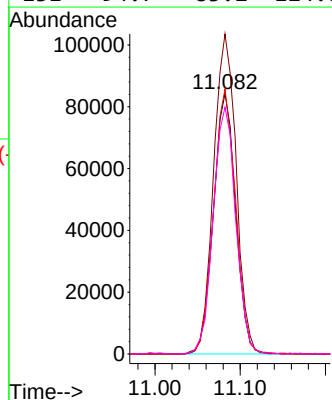
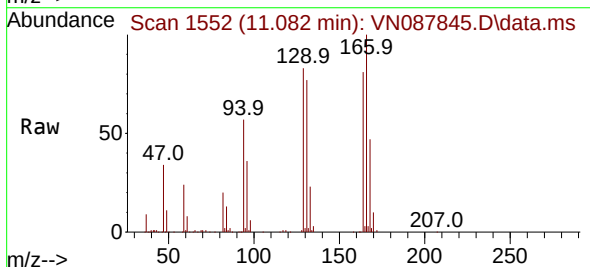
Ion Ratio Lower Upper

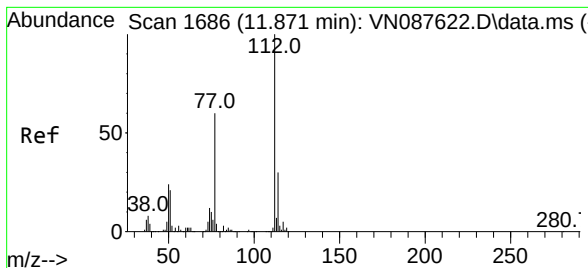
164 100

166 122.8 97.7 146.5

129 101.7 85.9 128.9

131 94.7 83.2 124.8

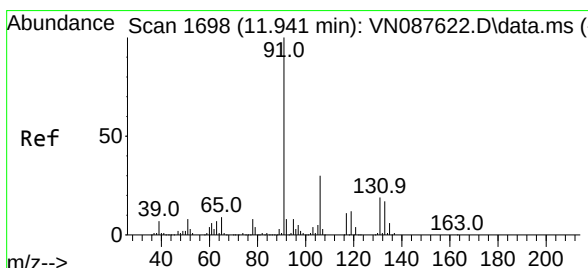
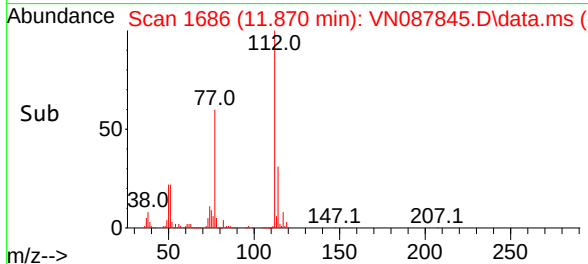
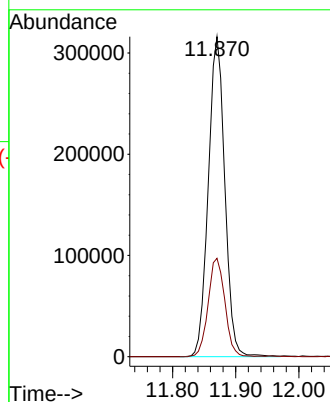
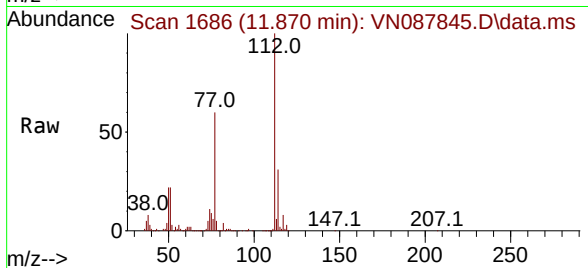




#65
Chlorobenzene
Concen: 48.180 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

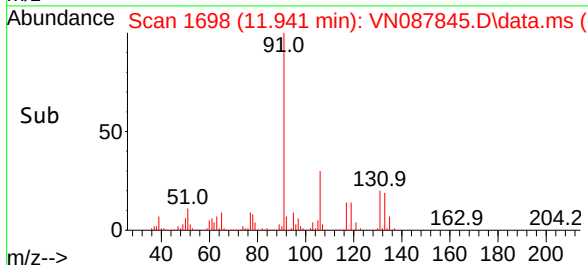
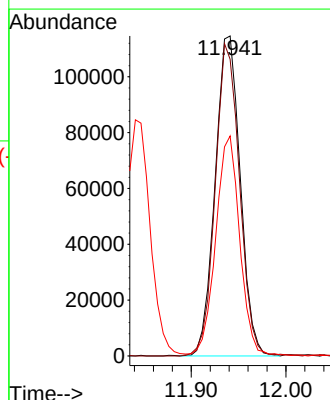
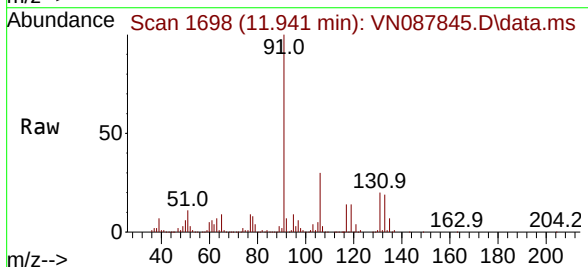
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

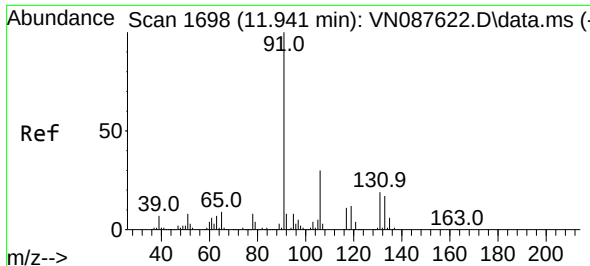
Tgt Ion:112 Resp: 573734
Ion Ratio Lower Upper
112 100
114 30.8 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.442 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion:131 Resp: 211273
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.0
119 66.1 32.6 97.7

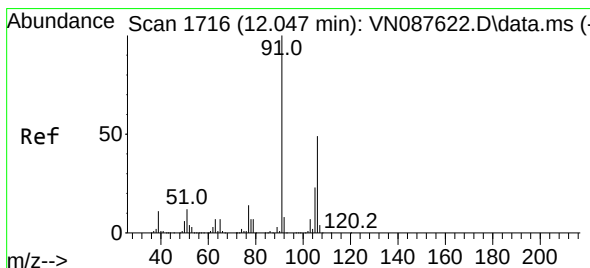
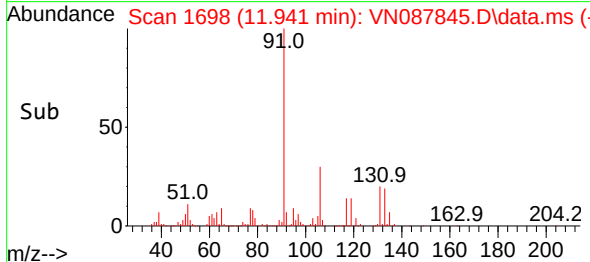
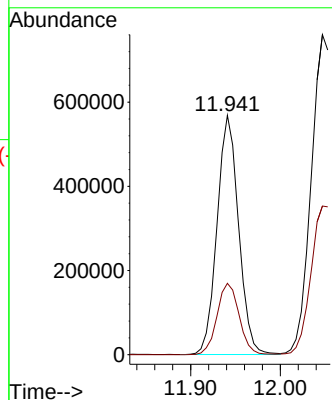
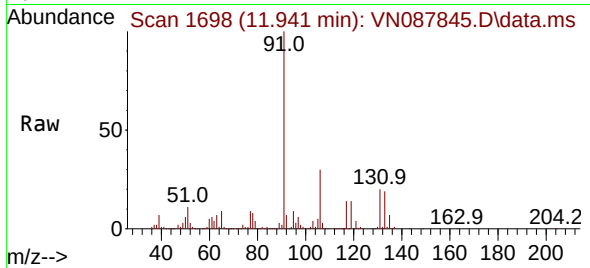




#67
Ethyl Benzene
Concen: 45.925 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

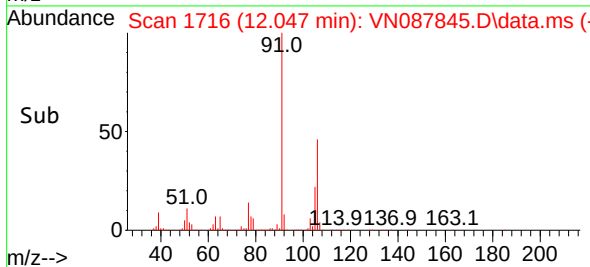
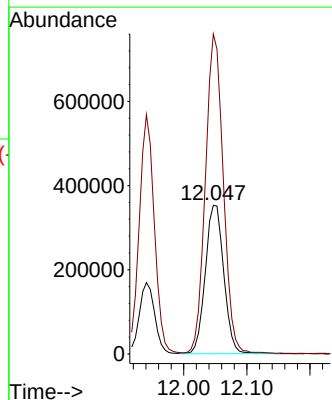
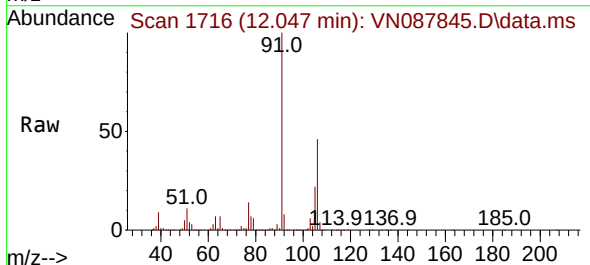
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

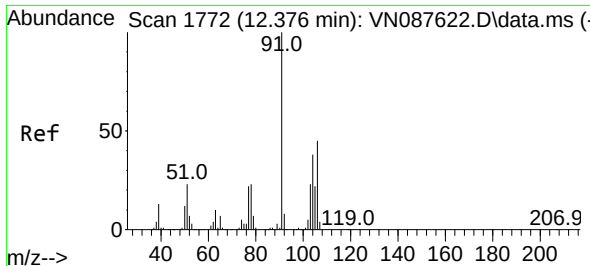
Tgt Ion: 91 Resp: 946889
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1



#68
m/p-Xylenes
Concen: 94.795 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion:106 Resp: 716793
Ion Ratio Lower Upper
106 100
91 208.3 169.3 253.9

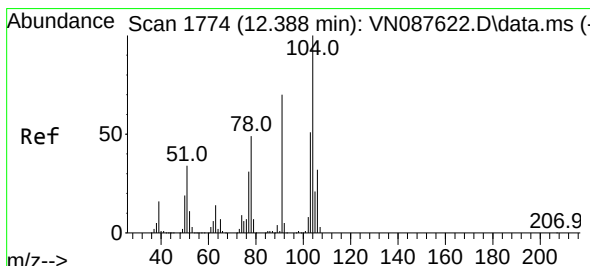
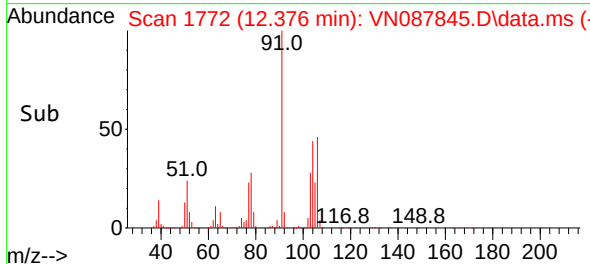
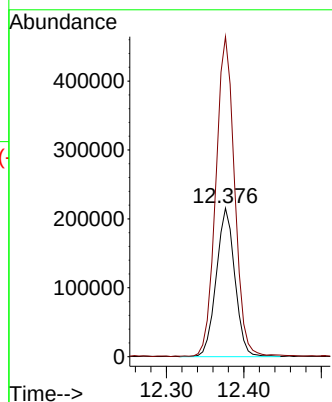
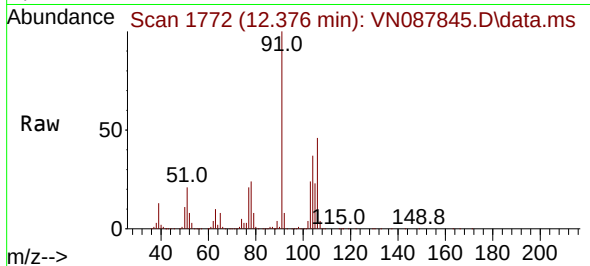




#69
o-Xylene
Concen: 48.504 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

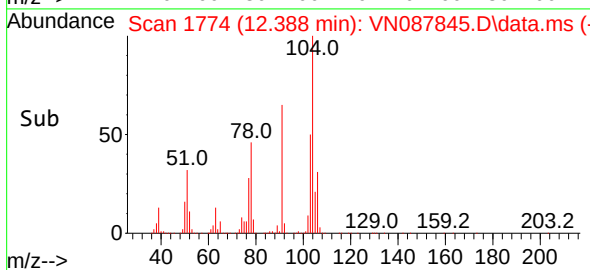
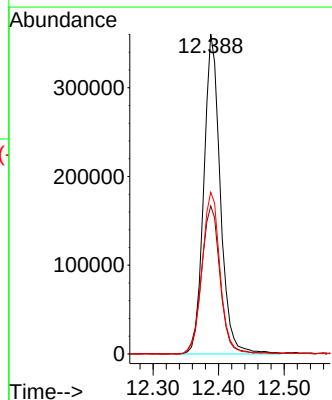
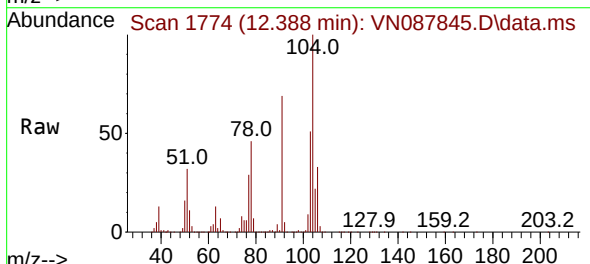
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

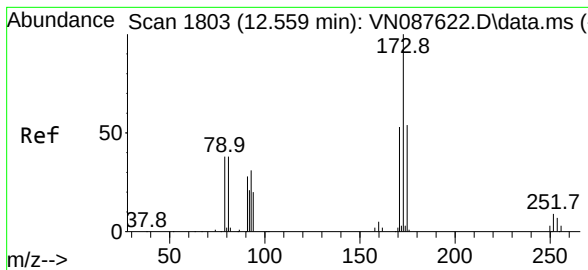
Tgt Ion:106 Resp: 359430
Ion Ratio Lower Upper
106 100
91 218.0 111.4 334.2



#70
Styrene
Concen: 50.948 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion:104 Resp: 632506
Ion Ratio Lower Upper
104 100
78 52.2 42.2 63.2
103 55.0 43.4 65.2

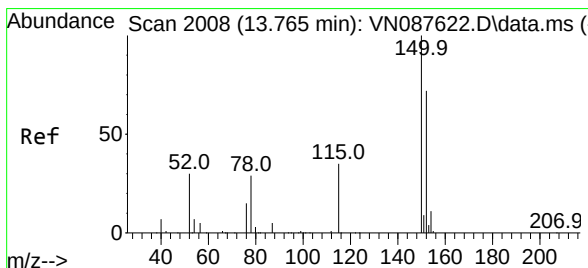
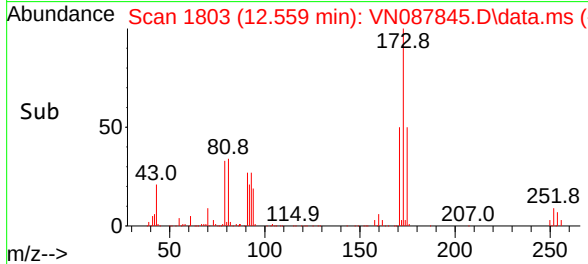
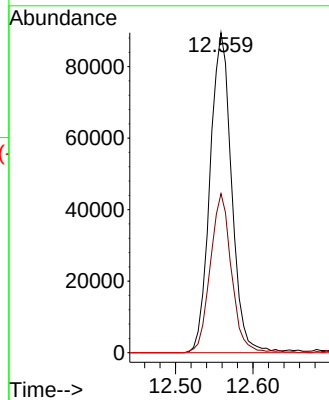
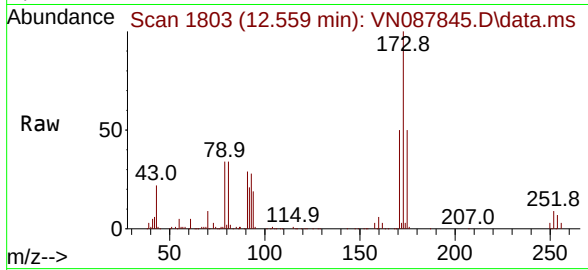




#71
Bromoform
Concen: 57.073 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

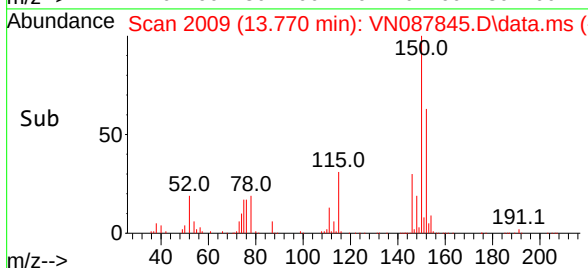
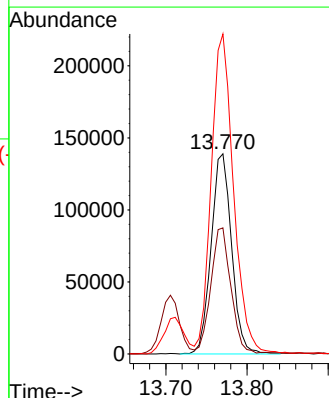
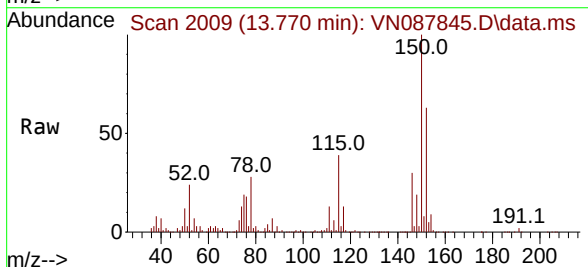
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

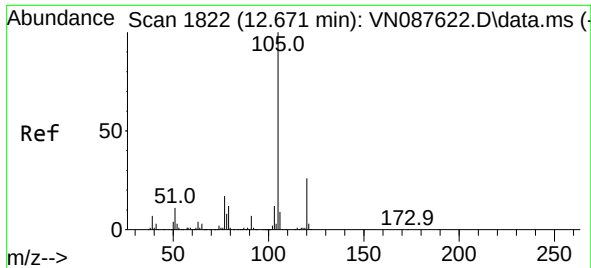
Tgt Ion:173 Resp: 173042
Ion Ratio Lower Upper
173 100
175 48.9 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion:152 Resp: 243875
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 173.1 0.0 351.0

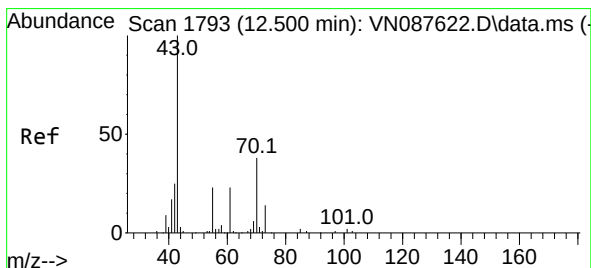
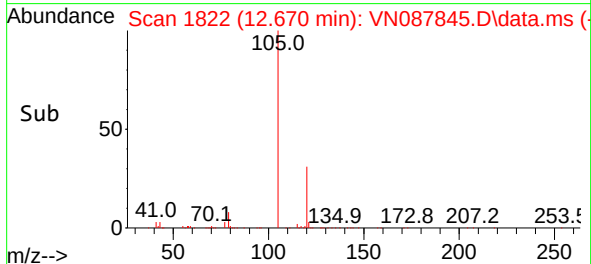
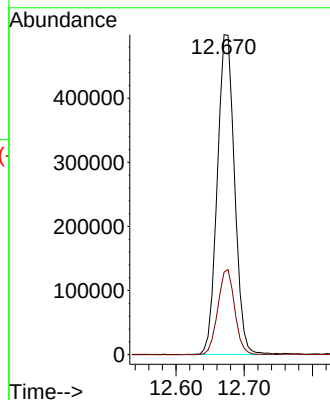
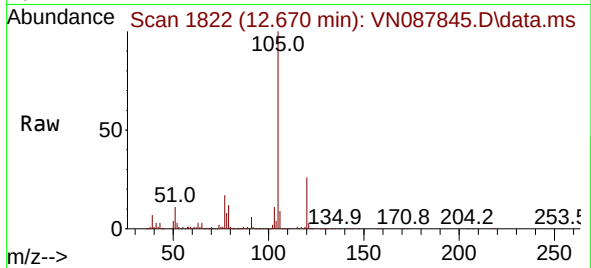




#73
Isopropylbenzene
Concen: 44.714 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

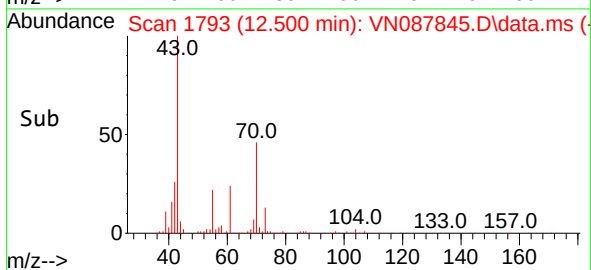
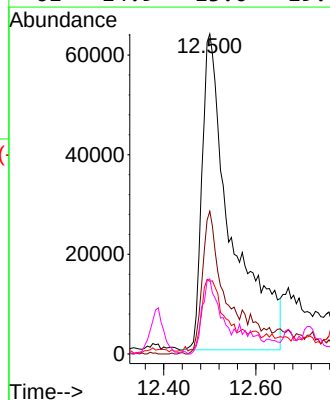
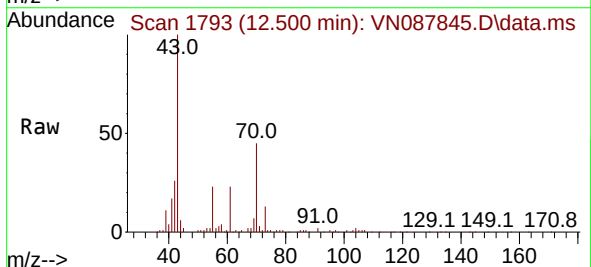
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

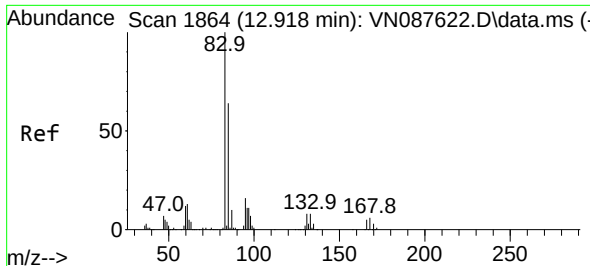
Tgt Ion:105 Resp: 881173
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3



#74
N-ethyl acetate
Concen: 37.428 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 43 Resp: 279520
Ion Ratio Lower Upper
43 100
70 31.0 27.6 41.4
55 17.4 13.0 19.6
61 14.9 13.0 19.6

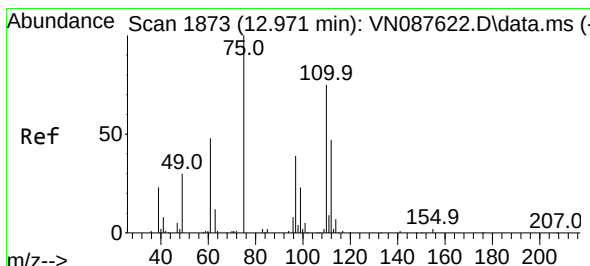
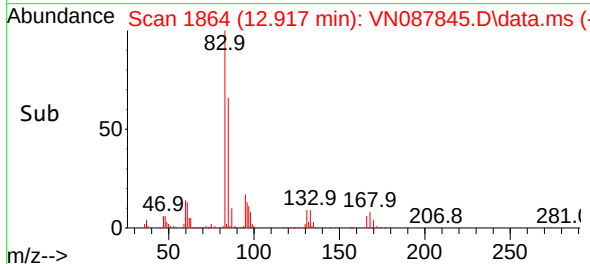
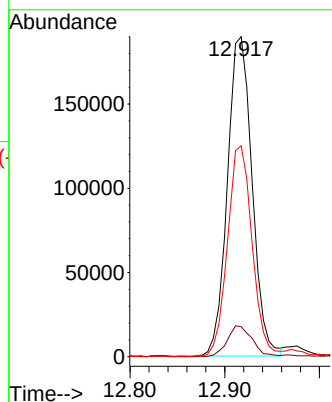
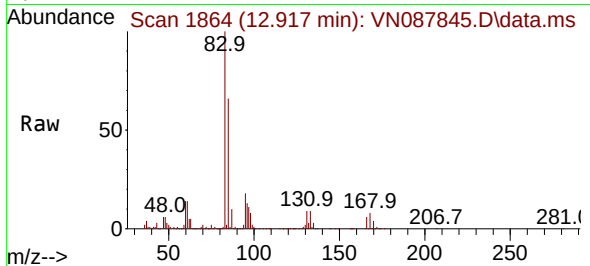




#75
1,1,2-Tetrachloroethane
Concen: 50.743 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

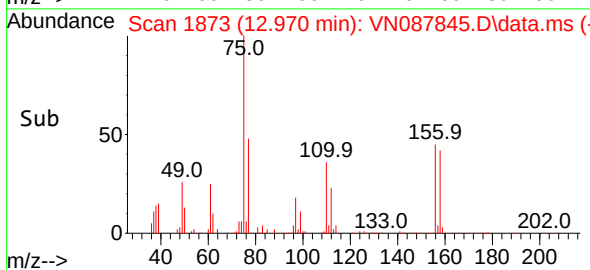
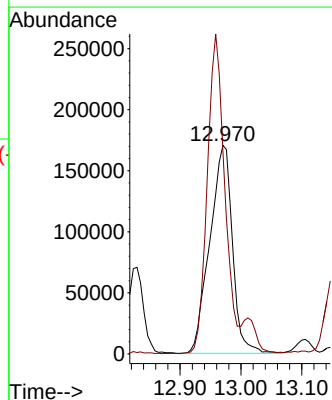
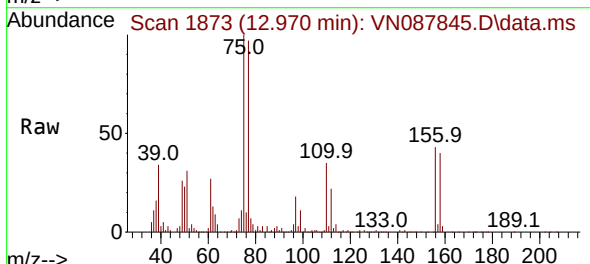
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

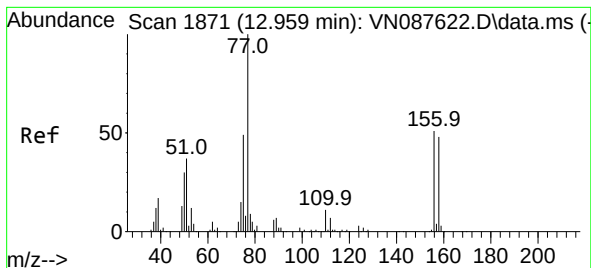
Tgt Ion: 83 Resp: 344277
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 65.8 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 76.765 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 75 Resp: 439016
Ion Ratio Lower Upper
75 100
77 119.7 89.1 267.4





#77

Bromobenzene

Concen: 49.818 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

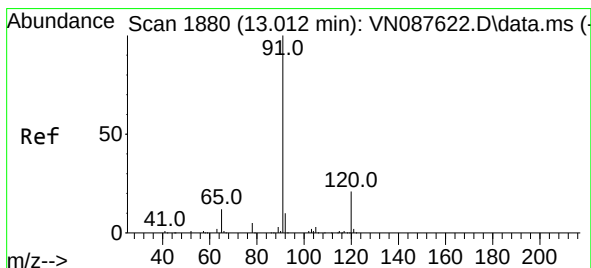
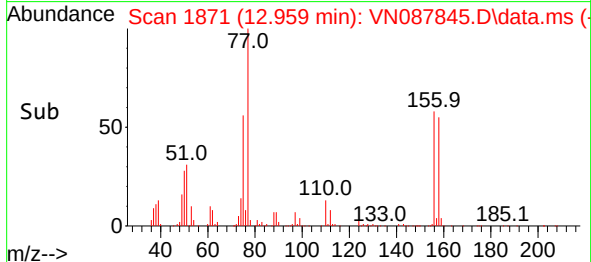
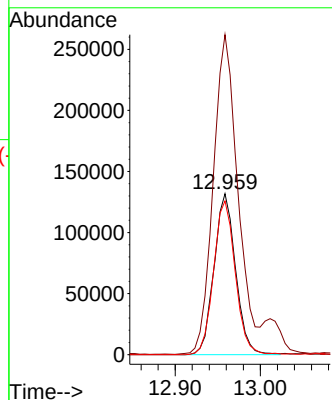
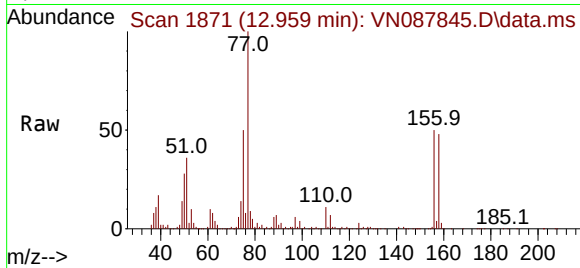
Tgt Ion:156 Resp: 231477

Ion Ratio Lower Upper

156 100

77 227.1 119.3 358.0

158 96.5 48.2 144.6



#78

n-propylbenzene

Concen: 44.289 ug/l

RT: 13.011 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087845.D

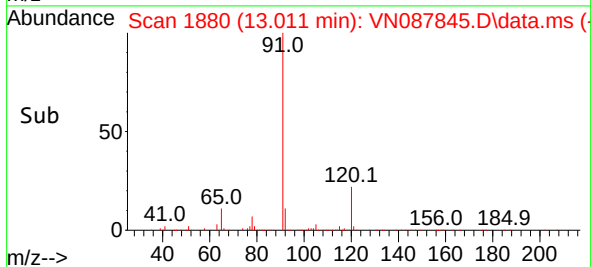
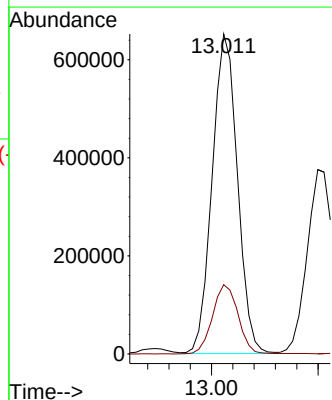
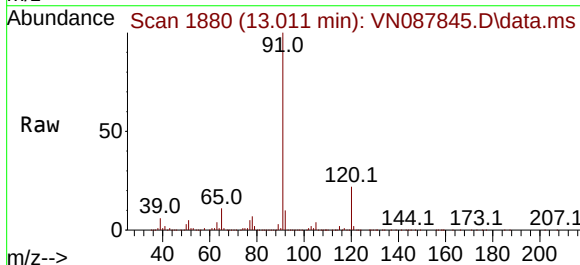
Acq: 15 Sep 2025 18:09

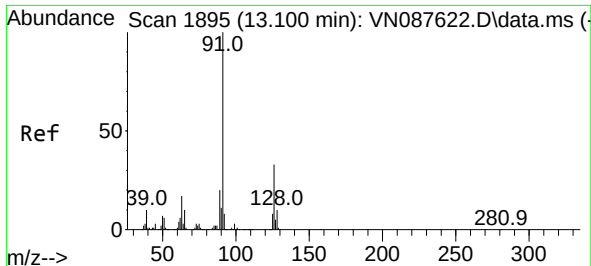
Tgt Ion: 91 Resp: 1075058

Ion Ratio Lower Upper

91 100

120 21.9 10.7 32.1

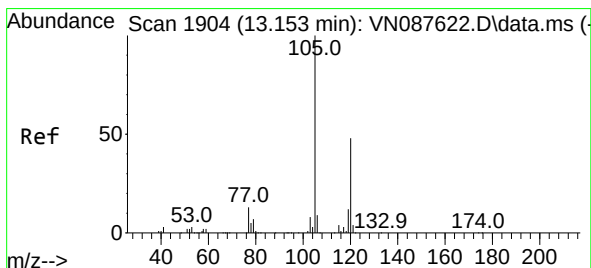
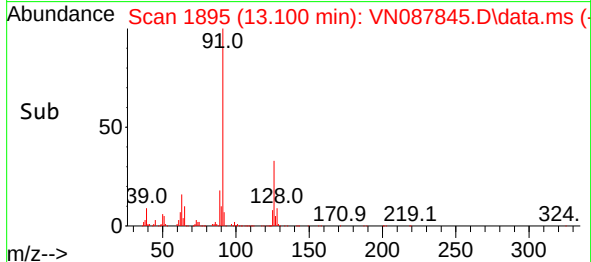
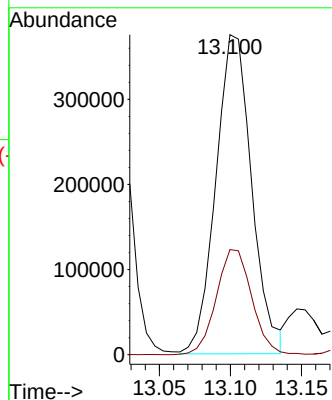
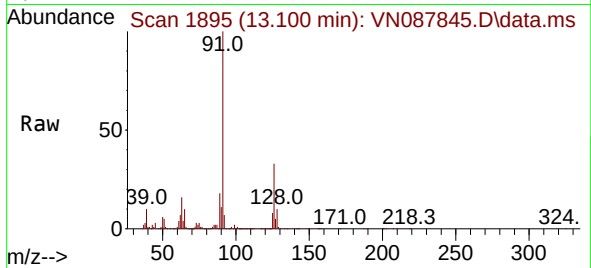




#79
2-Chlorotoluene
Concen: 45.091 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

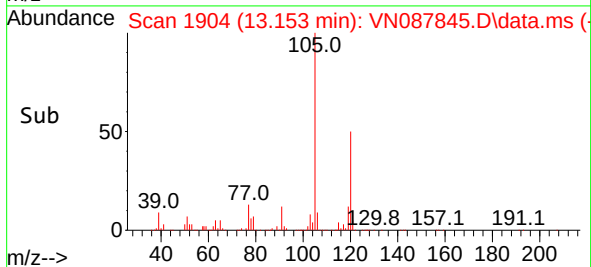
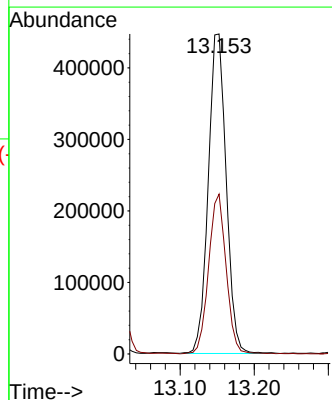
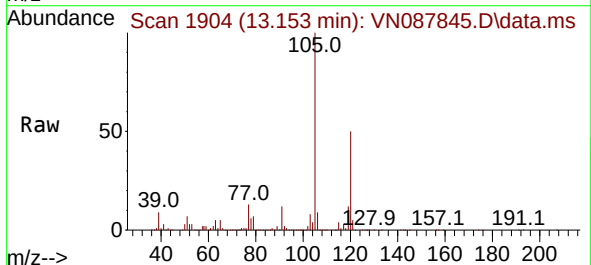
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

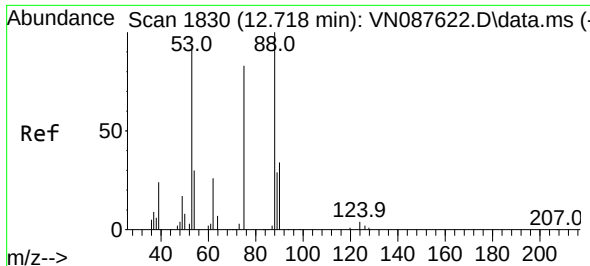
Tgt Ion: 91 Resp: 658674
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 44.957 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 105 Resp: 751576
Ion Ratio Lower Upper
105 100
120 48.8 23.2 69.6

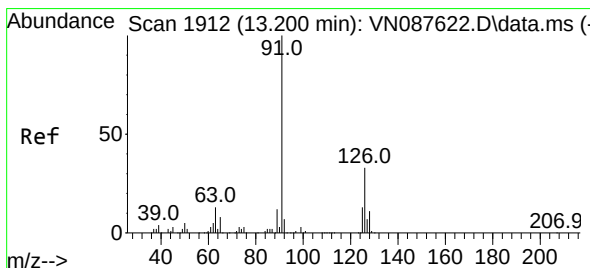
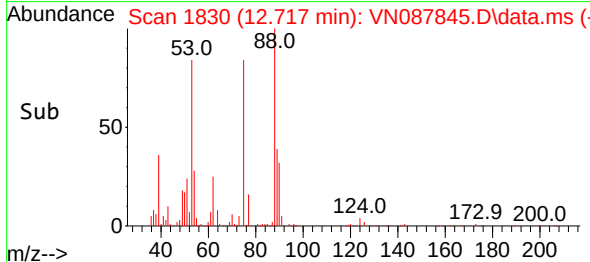
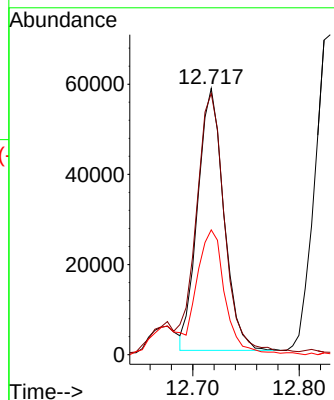
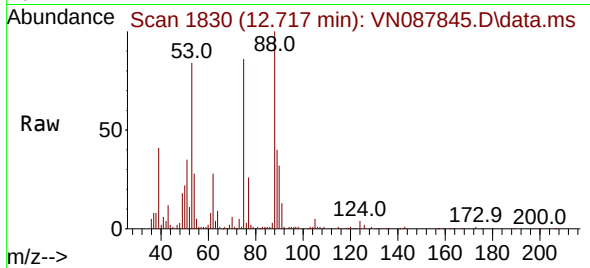




#81
trans-1,4-Dichloro-2-butene
Concen: 45.895 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

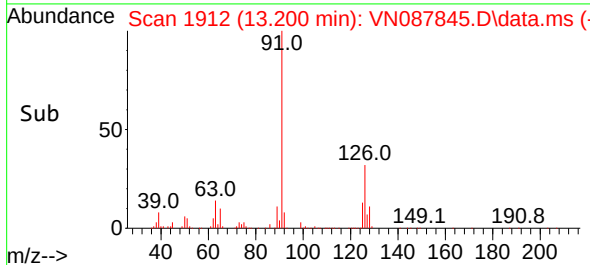
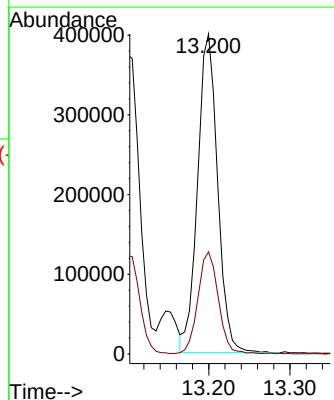
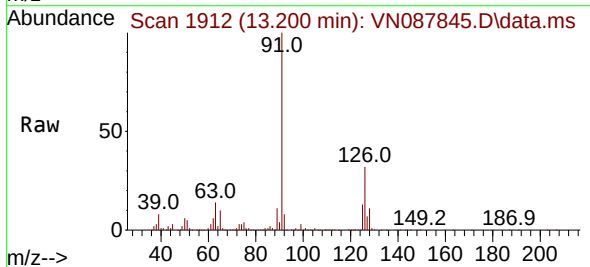
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

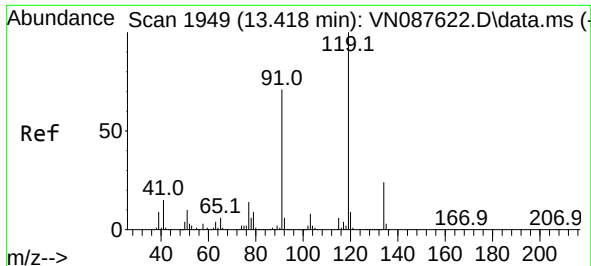
Tgt Ion: 75 Resp: 99145
Ion Ratio Lower Upper
75 100
53 120.6 101.8 152.6
89 50.4 35.6 53.4



#82
4-Chlorotoluene
Concen: 44.590 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 91 Resp: 684827
Ion Ratio Lower Upper
91 100
126 32.5 15.6 46.8

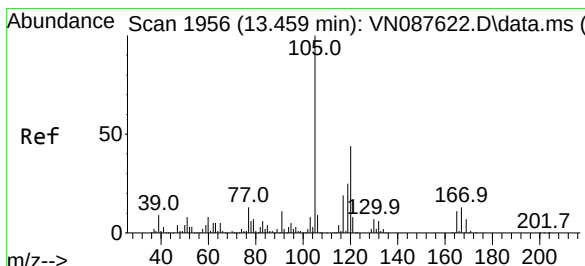
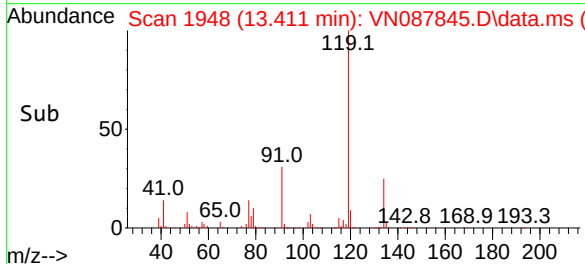
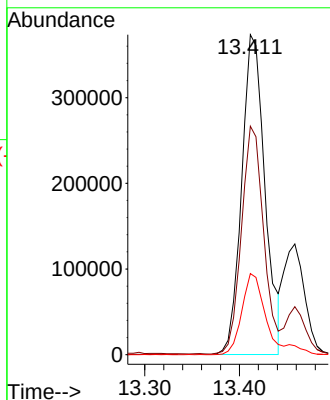
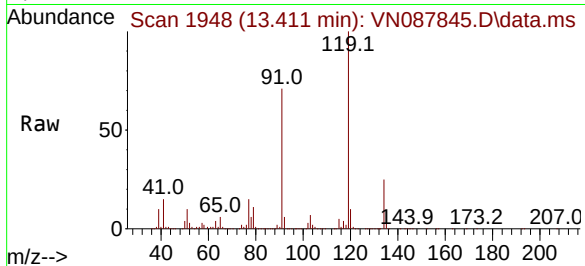




#83
tert-Butylbenzene
Concen: 45.830 ug/l
RT: 13.411 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

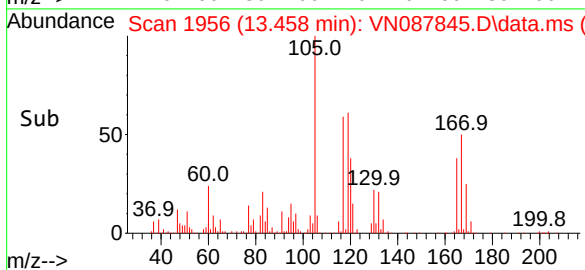
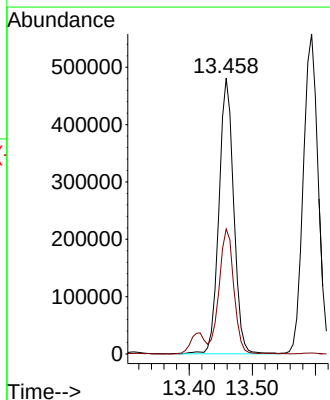
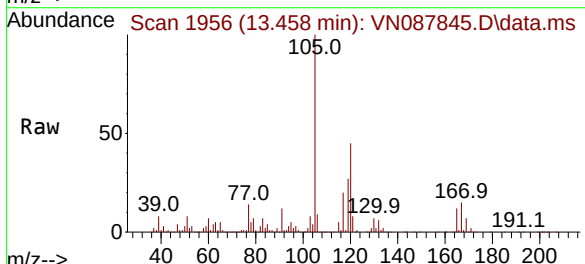
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

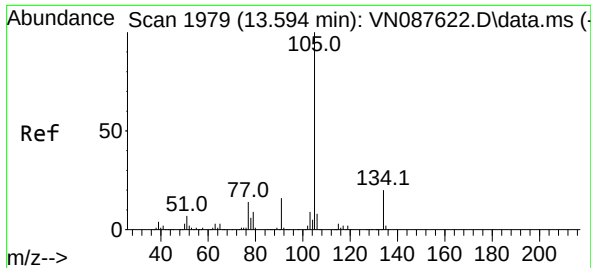
Tgt Ion:119 Resp: 638462
Ion Ratio Lower Upper
119 100
91 68.0 35.0 105.0
134 27.0 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 46.456 ug/l
RT: 13.458 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion:105 Resp: 777451
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0

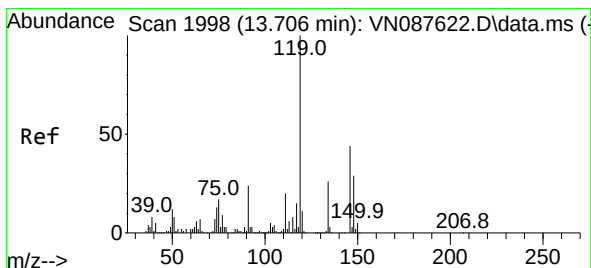
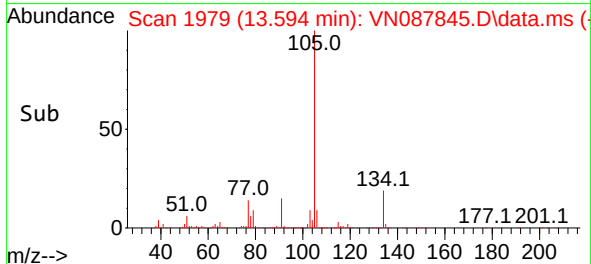
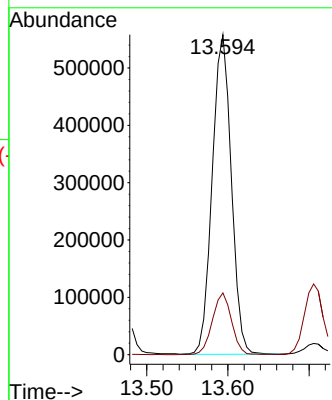
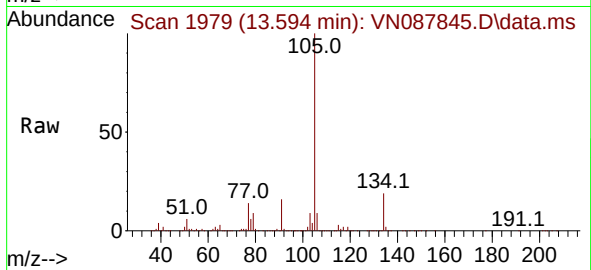




#85
 sec-Butylbenzene
 Concen: 43.986 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087845.D
 Acq: 15 Sep 2025 18:09

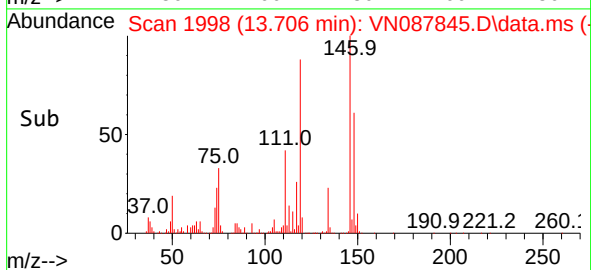
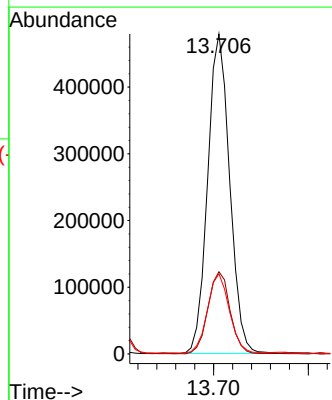
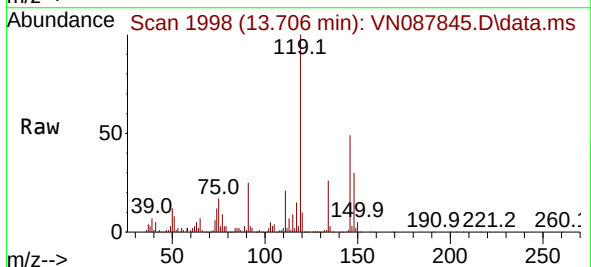
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

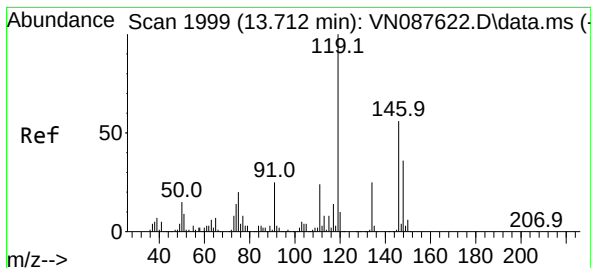
Tgt Ion:105 Resp: 909339
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 45.208 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087845.D
 Acq: 15 Sep 2025 18:09

Tgt Ion:119 Resp: 771758
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.0
 91 24.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 46.643 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

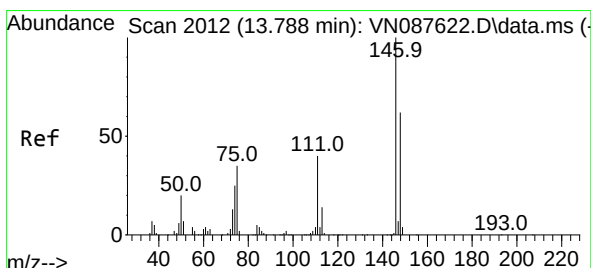
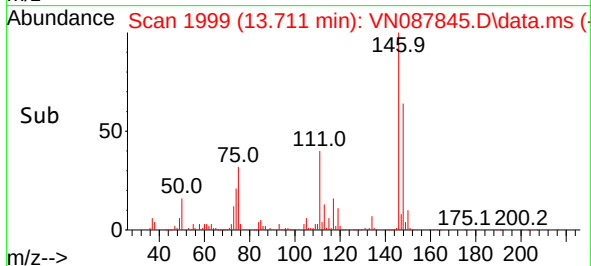
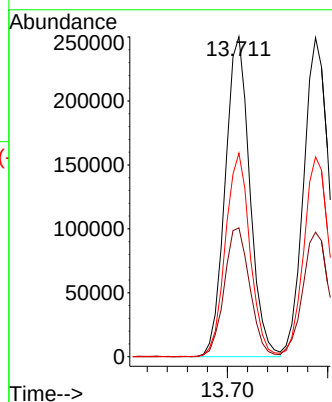
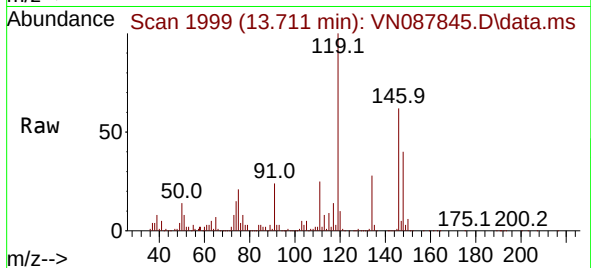
Tgt Ion:146 Resp: 426793

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.5

148 63.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 46.169 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

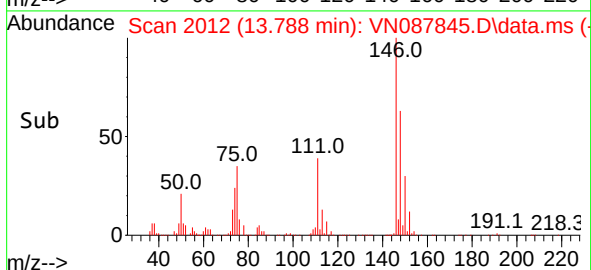
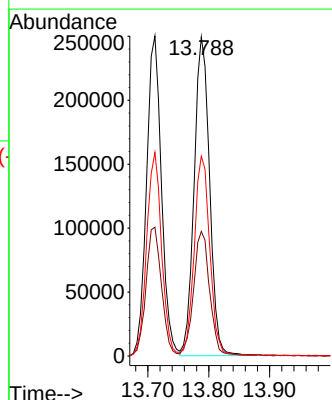
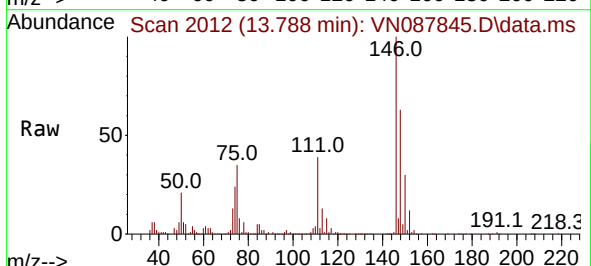
Tgt Ion:146 Resp: 439636

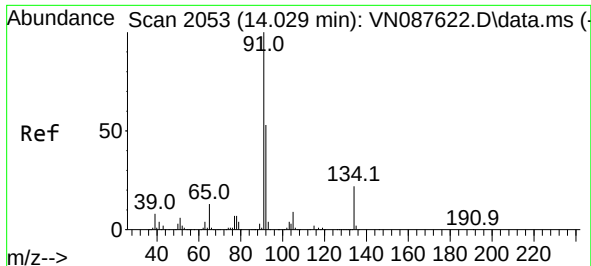
Ion Ratio Lower Upper

146 100

111 40.1 21.0 63.0

148 62.6 32.0 96.0

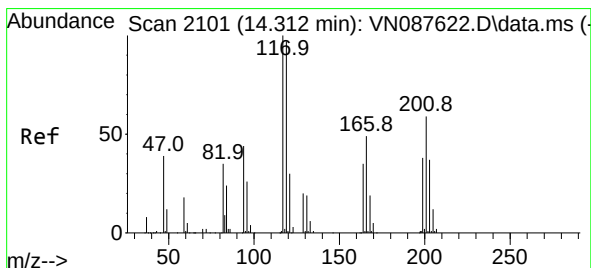
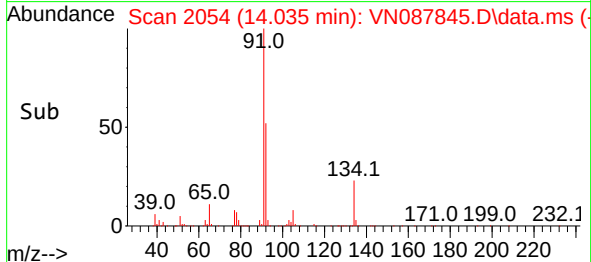
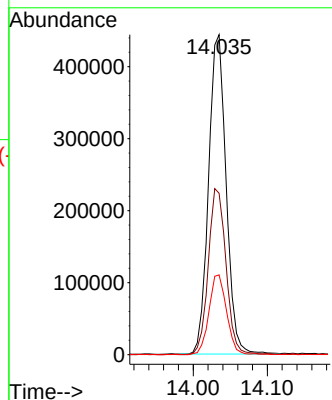
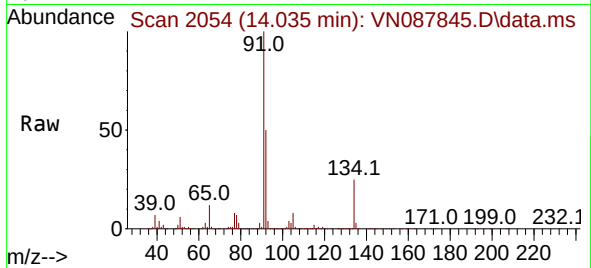




#89
n-Butylbenzene
Concen: 43.122 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

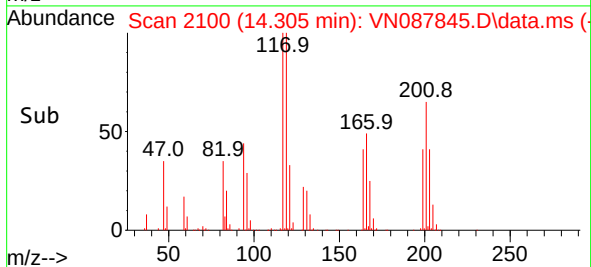
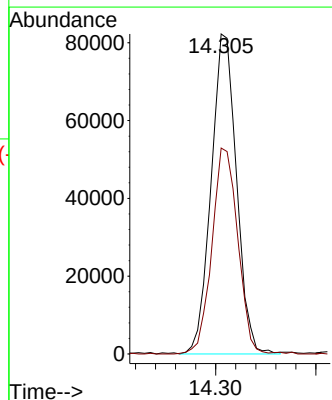
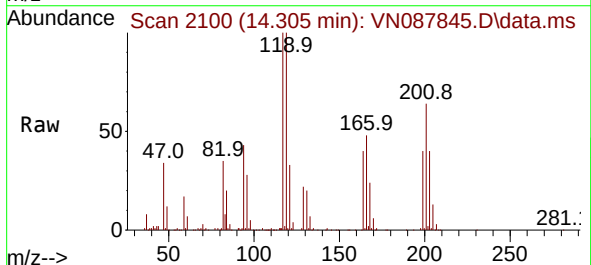
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

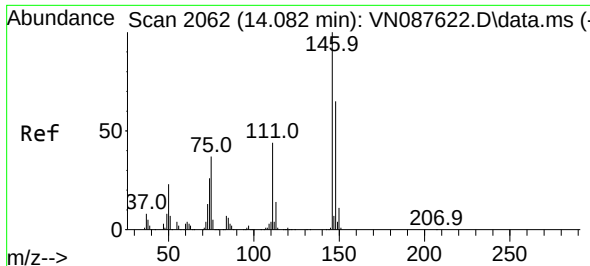
Tgt Ion: 91 Resp: 731105
Ion Ratio Lower Upper
91 100
92 52.6 25.9 77.8
134 25.2 11.7 35.0



#90
Hexachloroethane
Concen: 44.490 ug/l
RT: 14.305 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 117 Resp: 144696
Ion Ratio Lower Upper
117 100
201 65.6 29.1 87.4

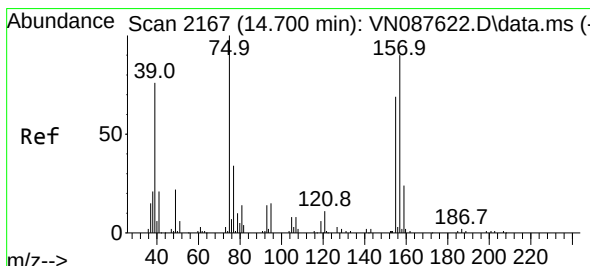
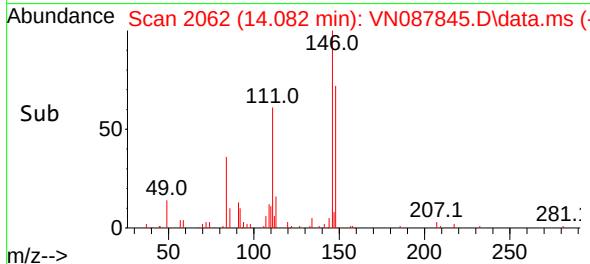
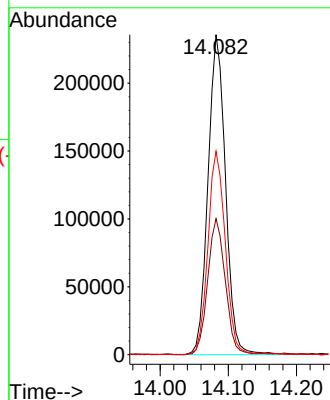
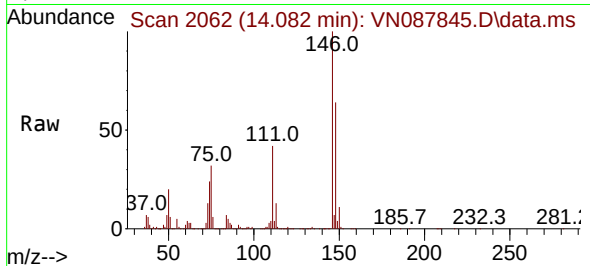




#91
1,2-Dichlorobenzene
Concen: 48.546 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

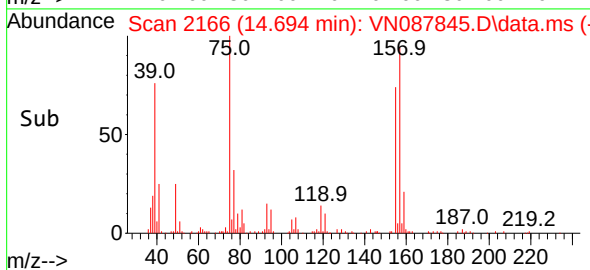
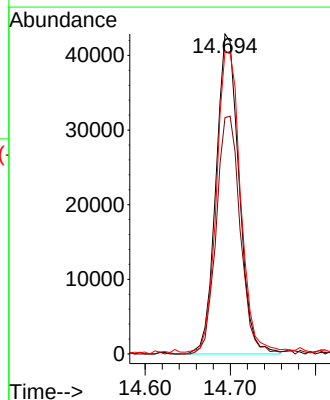
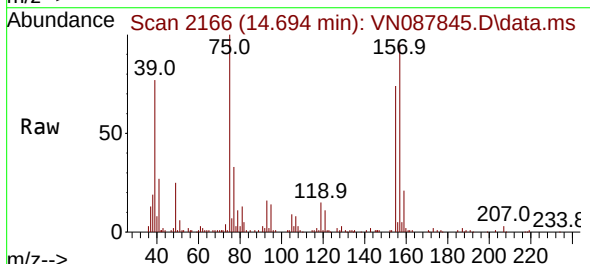
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

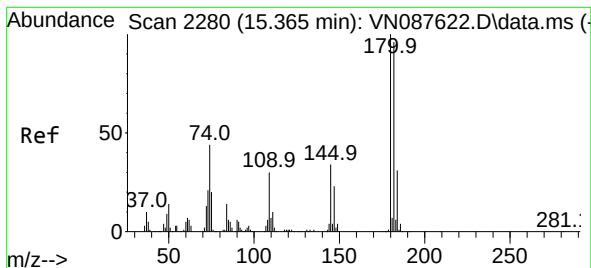
Tgt Ion:146 Resp: 421428
Ion Ratio Lower Upper
146 100
111 42.7 22.6 67.8
148 63.1 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.943 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087845.D
Acq: 15 Sep 2025 18:09

Tgt Ion: 75 Resp: 80495
Ion Ratio Lower Upper
75 100
155 77.3 36.6 109.9
157 97.8 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 49.131 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

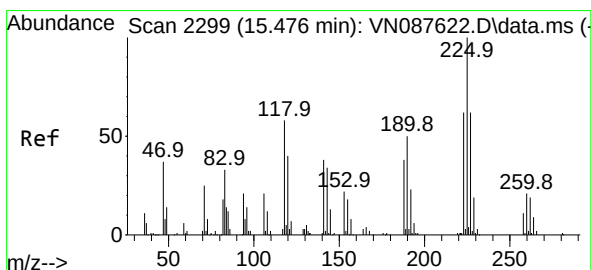
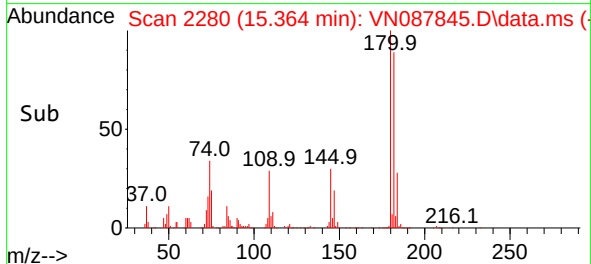
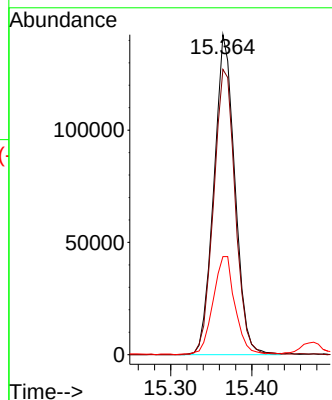
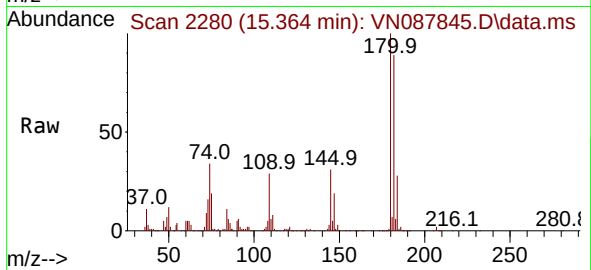
Tgt Ion:180 Resp: 256110

Ion Ratio Lower Upper

180 100

182 92.0 47.6 142.9

145 32.1 16.5 49.5



#94

Hexachlorobutadiene

Concen: 45.106 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

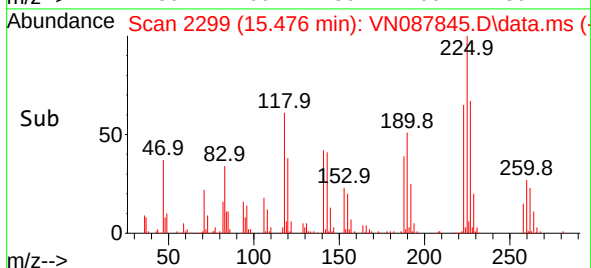
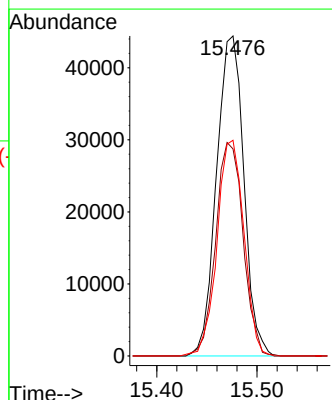
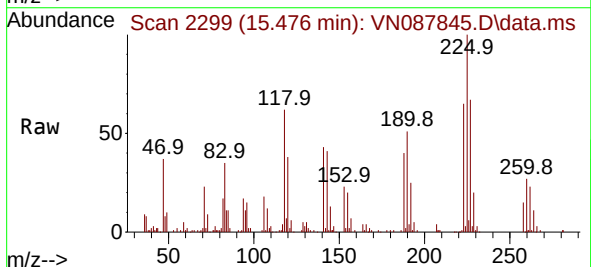
Tgt Ion:225 Resp: 83826

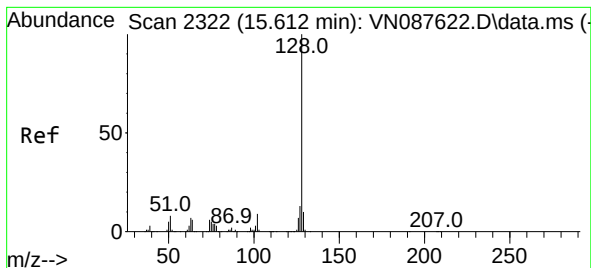
Ion Ratio Lower Upper

225 100

223 67.1 32.0 96.2

227 66.3 32.1 96.5





#95

Naphthalene

Concen: 52.436 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

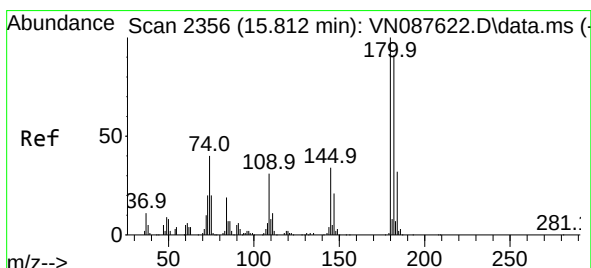
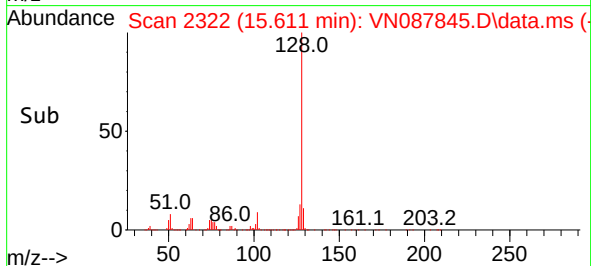
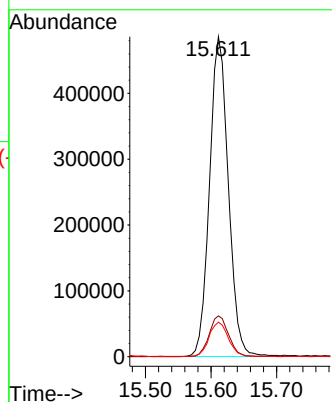
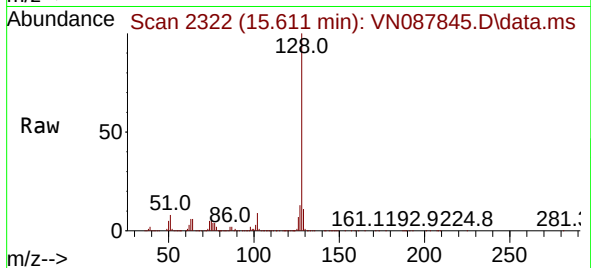
Tgt Ion:128 Resp: 968172

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.417 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087845.D

Acq: 15 Sep 2025 18:09

Tgt Ion:180 Resp: 251833

Ion Ratio Lower Upper

180 100

182 95.7 46.8 140.3

145 35.1 17.3 52.0

