

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063025\
 Data File : VN087241.D
 Acq On : 30 Jun 2025 14:09
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 01 02:53:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:39:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	137009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	223678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	81168	47.203	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.400%
35) Dibromofluoromethane	8.177	113	68595	47.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	10.565	98	269608	48.295	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.847	95	96635	48.651	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	69467	52.100	ug/l	100
3) Chloromethane	2.395	50	53813	49.703	ug/l	100
4) Vinyl Chloride	2.554	62	66873	50.239	ug/l	100
5) Bromomethane	2.989	94	55116	45.375	ug/l	100
6) Chloroethane	3.154	64	52371	49.672	ug/l	100
7) Trichlorofluoromethane	3.524	101	112325	48.631	ug/l	100
8) Diethyl Ether	3.983	74	37557	50.952	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.401	101	65594	48.914	ug/l	100
10) Methyl Iodide	4.612	142	72025	54.128	ug/l	100
11) Tert butyl alcohol	5.536	59	78884	251.715	ug/l	100
12) 1,1-Dichloroethene	4.371	96	63548	49.882	ug/l	100
13) Acrolein	4.201	56	51896	239.092	ug/l	100
14) Allyl chloride	5.048	41	77293	49.504	ug/l	100
15) Acrylonitrile	5.736	53	188884	242.609	ug/l	100
16) Acetone	4.448	43	154726	235.358	ug/l	100
17) Carbon Disulfide	4.742	76	180939	47.338	ug/l	100
18) Methyl Acetate	5.048	43	73923	49.119	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	220092	49.293	ug/l	100
20) Methylene Chloride	5.295	84	69320	47.600	ug/l	100
21) trans-1,2-Dichloroethene	5.806	96	72690	47.219	ug/l	100
22) Diisopropyl ether	6.683	45	184346	49.314	ug/l	100
23) Vinyl Acetate	6.618	43	867635	250.962	ug/l	100
24) 1,1-Dichloroethane	6.589	63	119563	48.816	ug/l	100
25) 2-Butanone	7.494	43	253348	246.599	ug/l	100
26) 2,2-Dichloropropane	7.500	77	113182	48.292	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	86734	48.787	ug/l	100
28) Bromochloromethane	7.818	49	54874	50.759	ug/l	100
29) Tetrahydrofuran	7.847	42	166593	251.640	ug/l	100
30) Chloroform	7.977	83	131000	48.255	ug/l	100
31) Cyclohexane	8.265	56	107262	45.803	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	121470	48.045	ug/l	100
36) 1,1-Dichloropropene	8.377	75	95142	48.849	ug/l	100
37) Ethyl Acetate	7.571	43	104007	49.676	ug/l	100
38) Carbon Tetrachloride	8.371	117	108564	49.192	ug/l	100
39) Methylcyclohexane	9.606	83	115231	49.680	ug/l	100
40) Benzene	8.612	78	293072	48.570	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	49653	49.600	ug/l	100
42) 1,2-Dichloroethane	8.677	62	99146	49.408	ug/l	100
43) Isopropyl Acetate	8.694	43	160630	49.471	ug/l	100
44) Trichloroethene	9.353	130	77456	48.309	ug/l	100
45) 1,2-Dichloropropane	9.624	63	64834	49.280	ug/l	100
46) Dibromomethane	9.712	93	54017	48.263	ug/l	100
47) Bromodichloromethane	9.888	83	103956	48.701	ug/l	100
48) Methyl methacrylate	9.683	41	69205	50.571	ug/l	100
49) 1,4-Dioxane	9.706	88	28918	1014.339	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	507742	255.578	ug/l	100
52) Toluene	10.630	92	198944	50.273	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	114875	50.175	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	116029	49.742	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	72685	48.622	ug/l	100
56) Ethyl methacrylate	10.877	69	108609	49.589	ug/l	100
57) 1,3-Dichloropropane	11.165	76	117795	48.280	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	297817	257.288	ug/l	100
59) 2-Hexanone	11.200	43	343264	246.218	ug/l	100
60) Dibromochloromethane	11.359	129	88005	49.940	ug/l	100
61) 1,2-Dibromoethane	11.471	107	79946	49.717	ug/l	100
64) Tetrachloroethene	11.106	164	68113	48.452	ug/l	100
65) Chlorobenzene	11.888	112	225739	47.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	79746	48.817	ug/l	100
67) Ethyl Benzene	11.965	91	379801	49.612	ug/l	100
68) m/p-Xylenes	12.071	106	309513	101.195	ug/l	100
69) o-Xylene	12.394	106	146624	51.247	ug/l	100
70) Styrene	12.412	104	253569	52.149	ug/l	100
71) Bromoform	12.576	173	64867	51.470	ug/l #	100
73) Isopropylbenzene	12.694	105	373752	48.795	ug/l	100
74) N-amyl acetate	12.518	43	98015	37.828	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	118115	46.881	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	160786	70.526	ug/l	67
77) Bromobenzene	12.976	156	98367	49.197	ug/l	100
78) n-propylbenzene	13.035	91	451207	48.767	ug/l	100
79) 2-Chlorotoluene	13.123	91	266153	48.335	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	323098	50.465	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46322	48.121	ug/l	100
82) 4-Chlorotoluene	13.218	91	277251	48.100	ug/l	100
83) tert-Butylbenzene	13.435	119	276002	49.205	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	330399	51.517	ug/l	100
85) sec-Butylbenzene	13.612	105	400536	50.376	ug/l	100
86) p-Isopropyltoluene	13.723	119	349337	51.115	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	191544	48.104	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	193132	46.452	ug/l	100
89) n-Butylbenzene	14.053	91	301749	50.147	ug/l	100
90) Hexachloroethane	14.329	117	61358	48.503	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	179275	48.140	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28180	46.543	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	106230	48.238	ug/l	100
94) Hexachlorobutadiene	15.500	225	32422	46.347	ug/l	100
95) Naphthalene	15.635	128	375959	49.345	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	104078	48.511	ug/l	100

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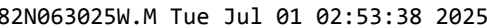
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

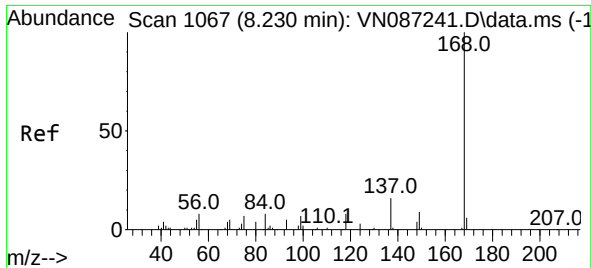
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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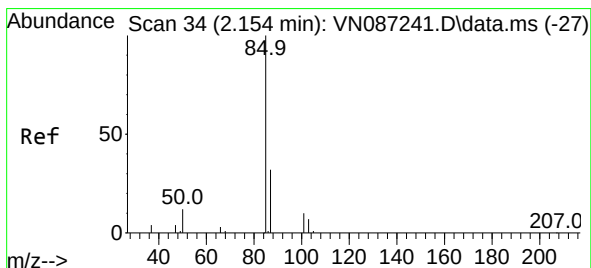
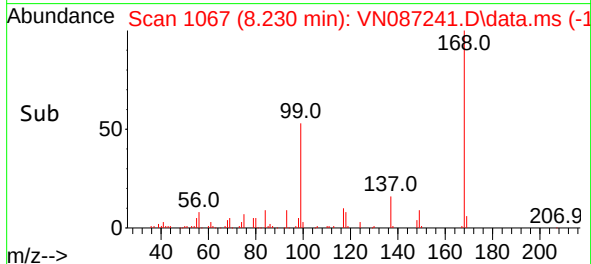
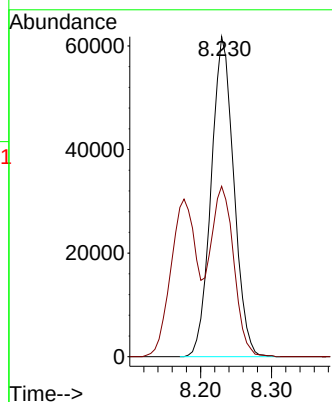
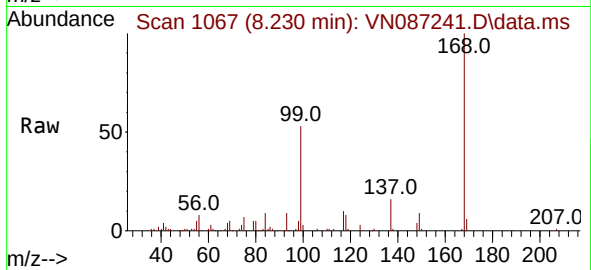




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087241.D
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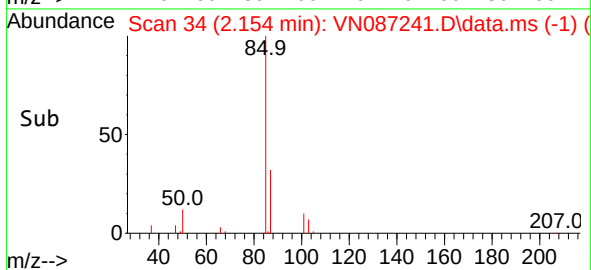
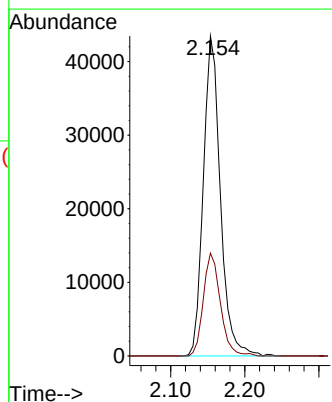
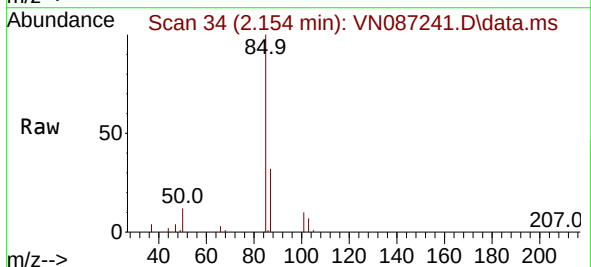
Instrument :
MSVOA_N
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VSTDICCC050

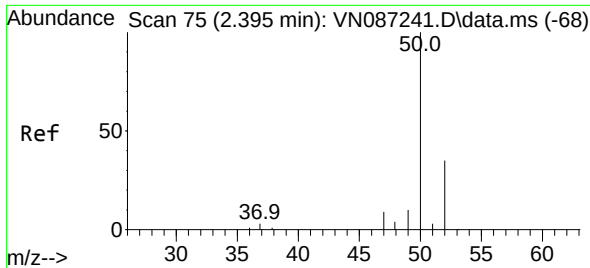
Tgt Ion:168 Resp: 137009
Ion Ratio Lower Upper
168 100
99 53.3 42.6 64.0



#2
Dichlorodifluoromethane
Concen: 52.100 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 85 Resp: 69467
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.3

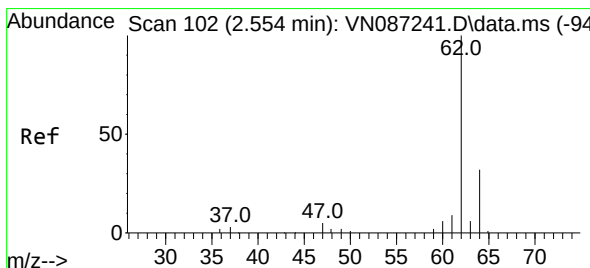
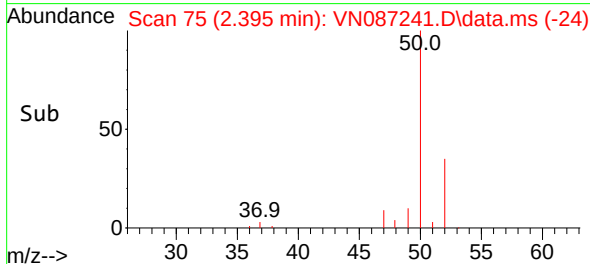
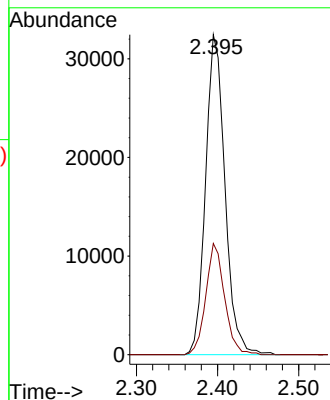
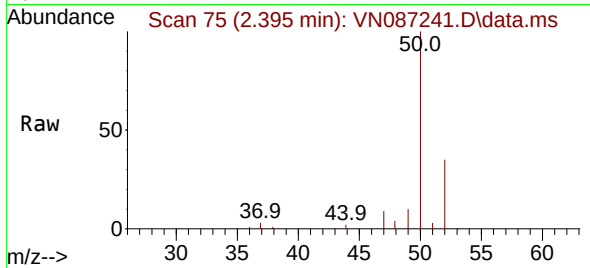




#3
Chloromethane
Concen: 49.703 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

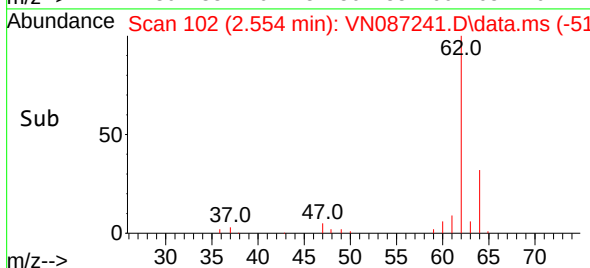
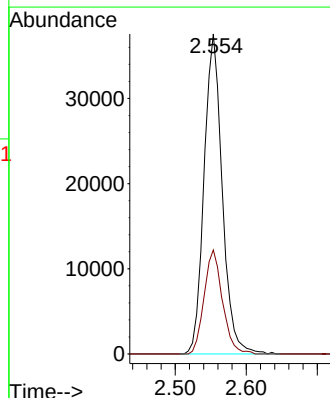
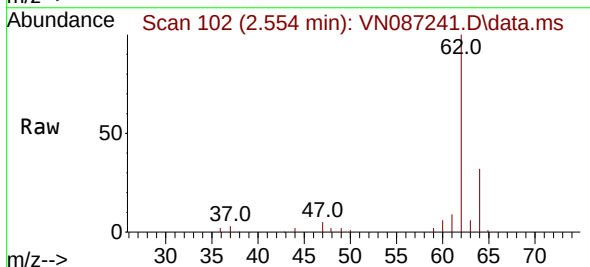
Instrument :
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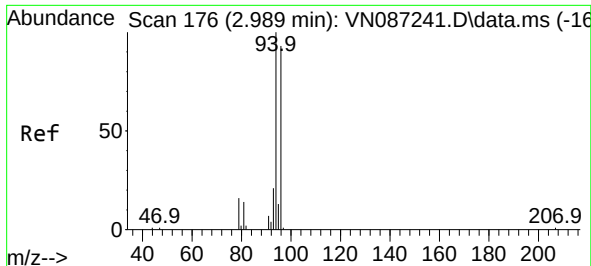
Tgt Ion: 50 Resp: 53813
Ion Ratio Lower Upper
50 100
52 34.8 27.8 41.8



#4
Vinyl Chloride
Concen: 50.239 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 62 Resp: 66873
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

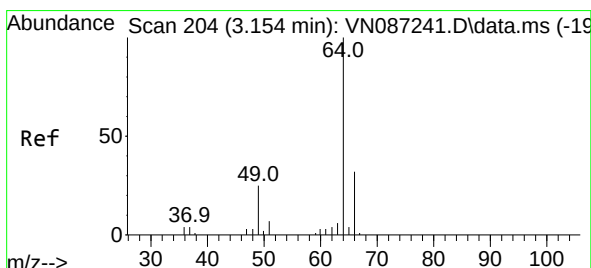
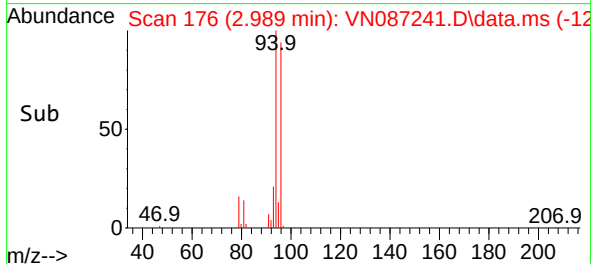
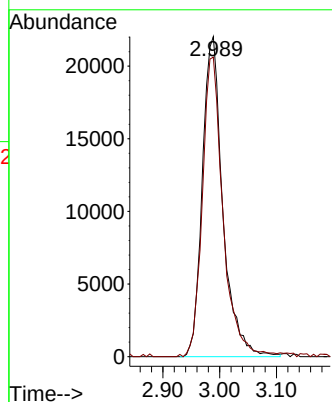
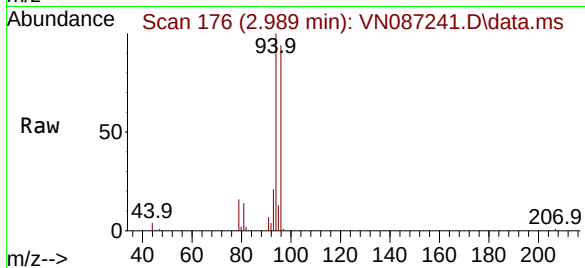




#5
Bromomethane
Concen: 45.375 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

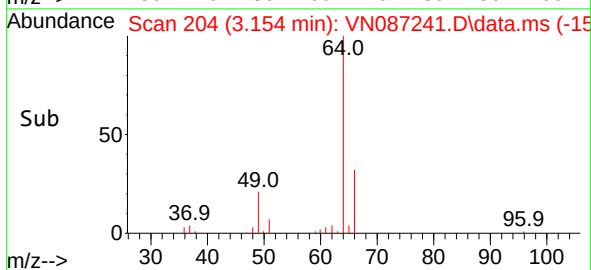
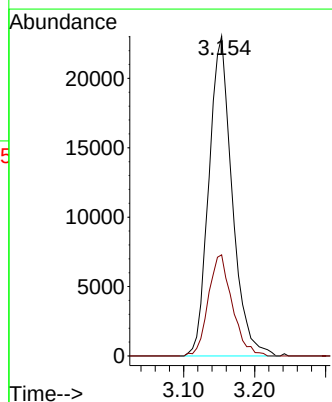
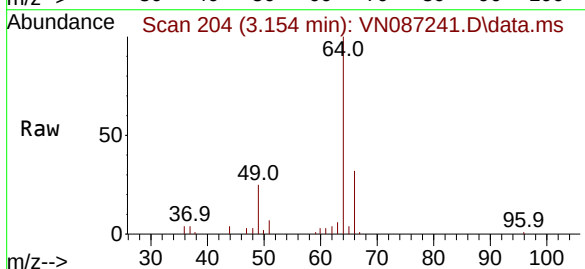
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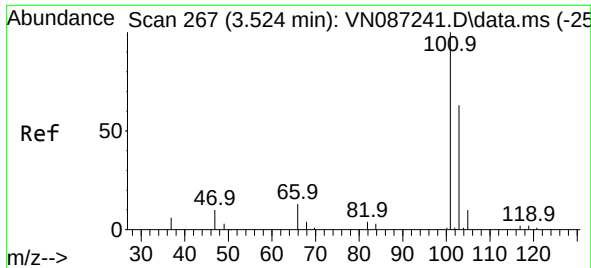
Tgt Ion: 94 Resp: 55116
Ion Ratio Lower Upper
94 100
96 92.9 74.3 111.5



#6
Chloroethane
Concen: 49.672 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 64 Resp: 52371
Ion Ratio Lower Upper
64 100
66 31.6 25.3 37.9

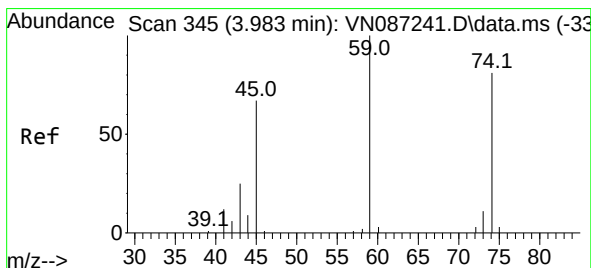
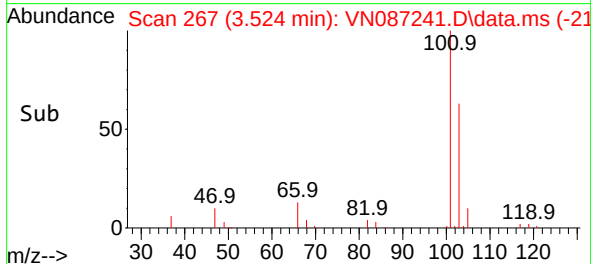
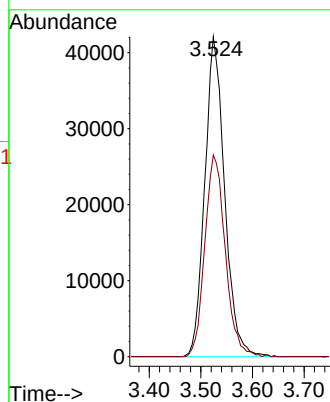
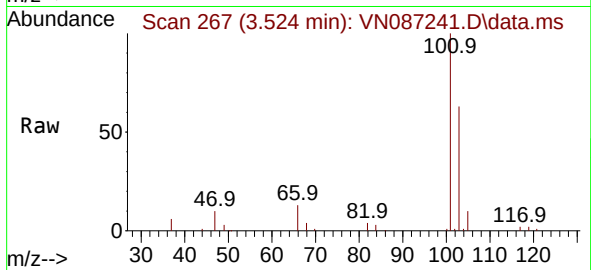




#7
 Trichlorofluoromethane
 Concen: 48.631 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

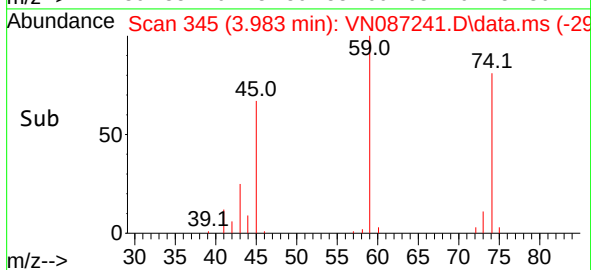
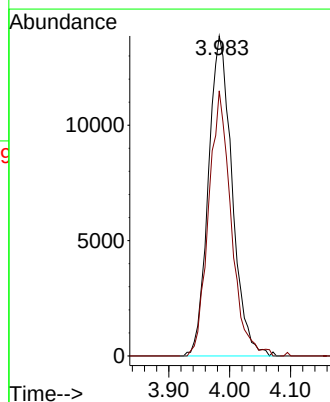
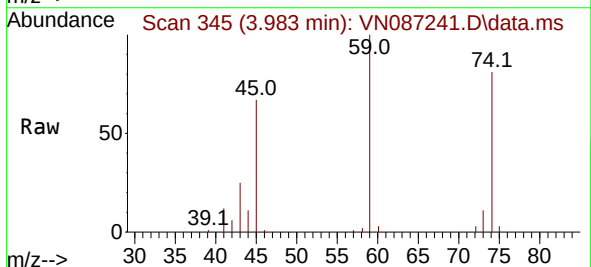
Instrument :
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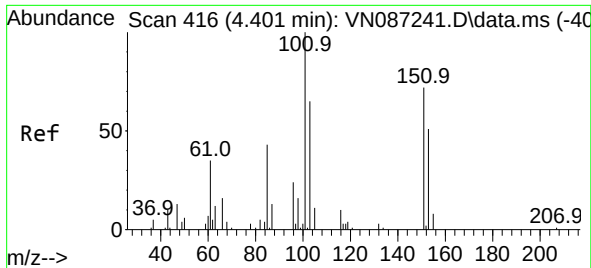
Tgt Ion:101 Resp: 112325
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.5 75.7



#8
 Diethyl Ether
 Concen: 50.952 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

Tgt Ion: 74 Resp: 37557
 Ion Ratio Lower Upper
 74 100
 45 78.7 39.4 118.1

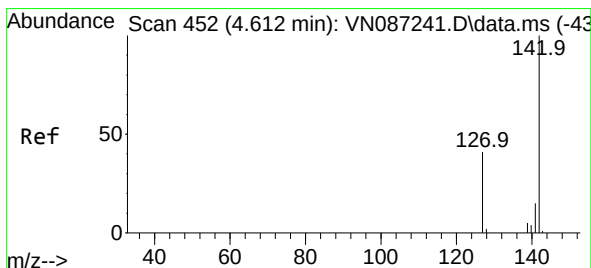
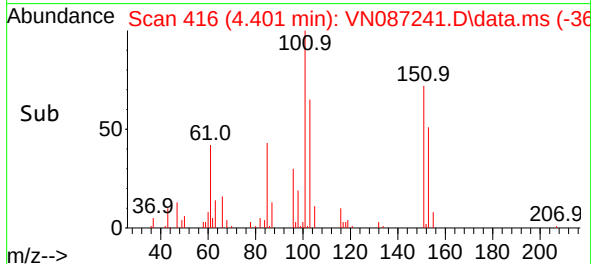
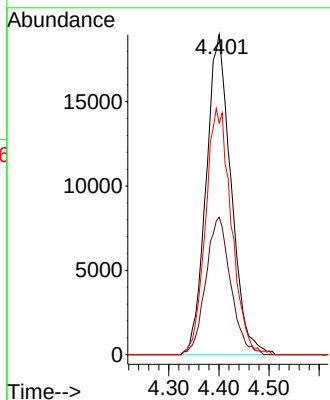
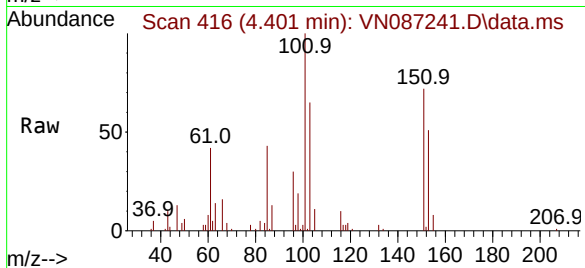




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.914 ug/l
RT: 4.401 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN087241.D
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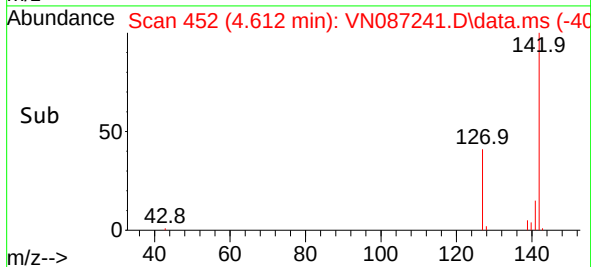
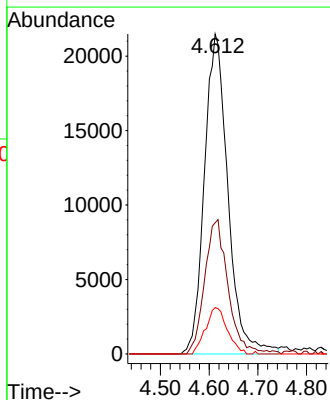
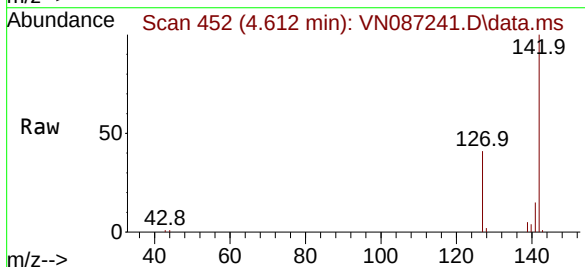
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

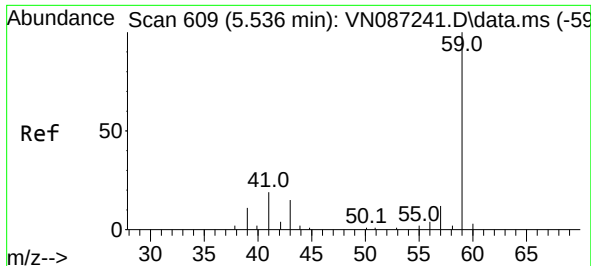
Tgt Ion:101 Resp: 65594
Ion Ratio Lower Upper
101 100
85 43.0 34.4 51.6
151 79.8 63.8 95.8



#10
Methyl Iodide
Concen: 54.128 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion:142 Resp: 72025
Ion Ratio Lower Upper
142 100
127 41.0 32.8 49.2
141 14.5 11.6 17.4

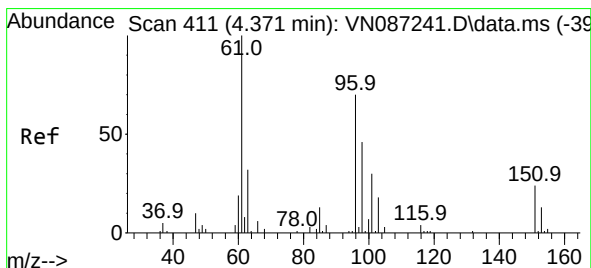
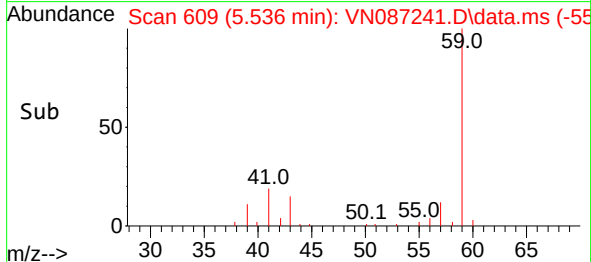
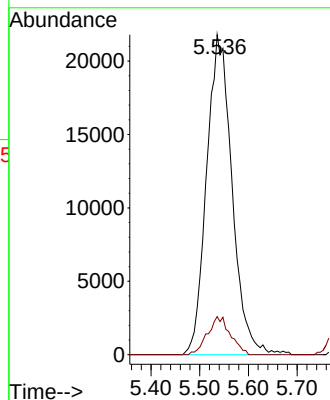
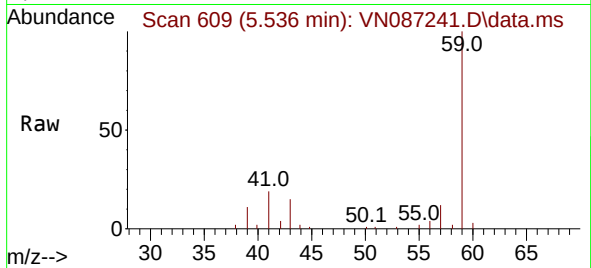




#11
Tert butyl alcohol
Concen: 251.715 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

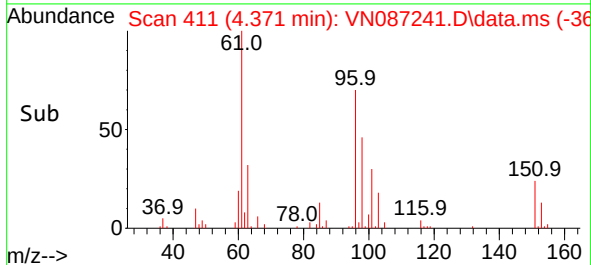
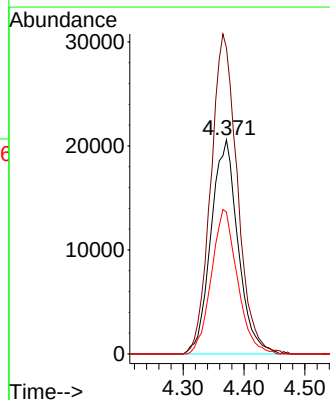
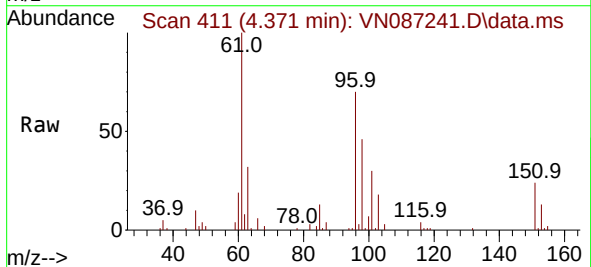
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

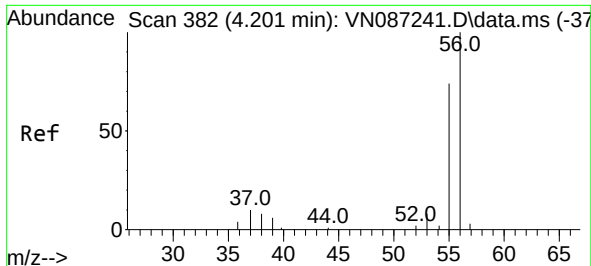
Tgt Ion: 59 Resp: 78884
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 49.882 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 96 Resp: 63548
Ion Ratio Lower Upper
96 100
61 143.0 114.4 171.6
98 66.3 53.0 79.6

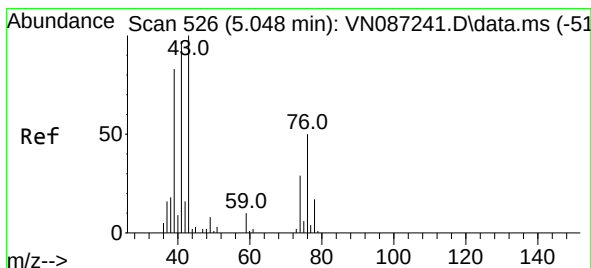
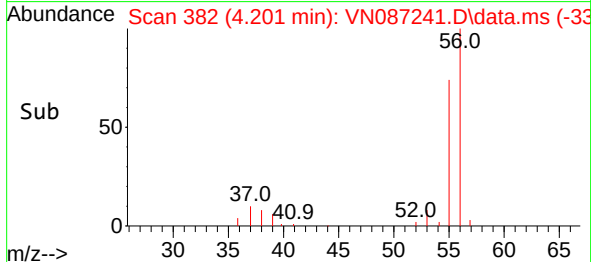
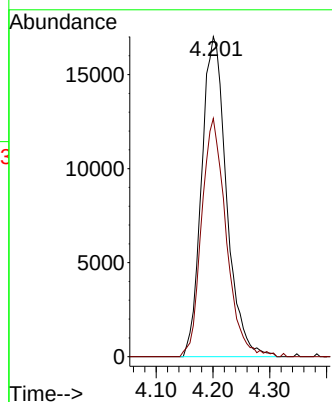
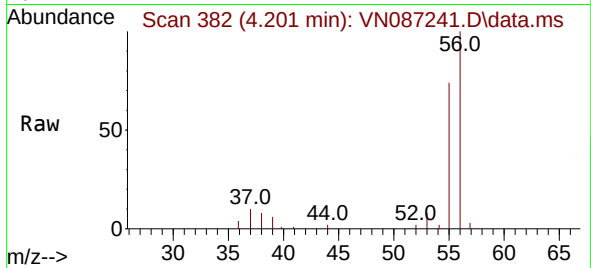




#13
Acrolein
Concen: 239.092 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

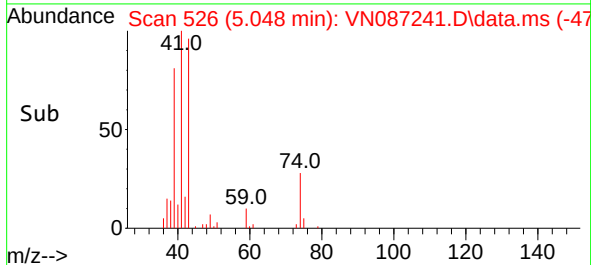
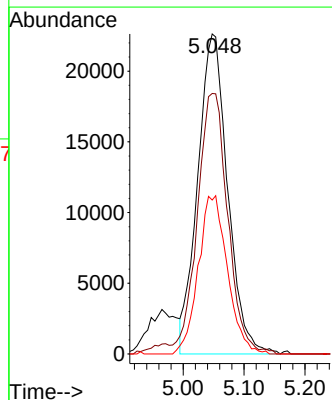
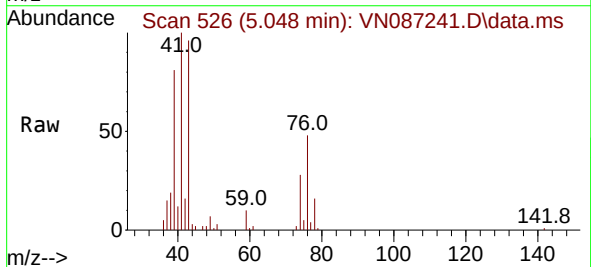
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

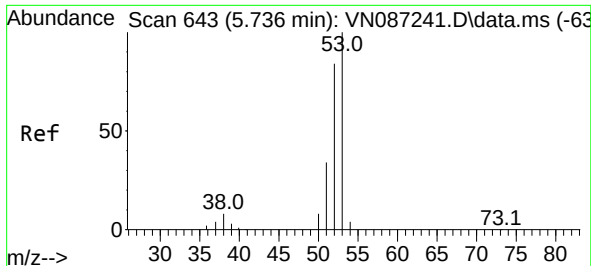
Tgt Ion: 56 Resp: 51896
Ion Ratio Lower Upper
56 100
55 73.3 58.6 88.0



#14
Allyl chloride
Concen: 49.504 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 41 Resp: 77293
Ion Ratio Lower Upper
41 100
39 82.9 66.3 99.5
76 48.3 38.6 58.0

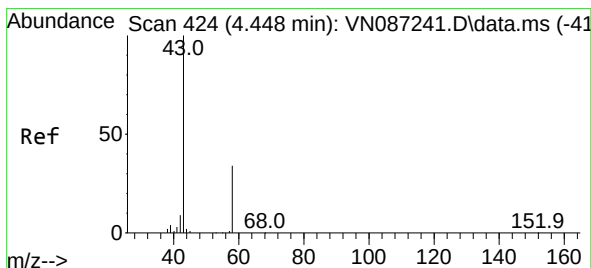
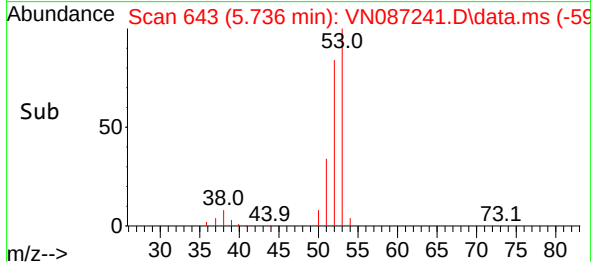
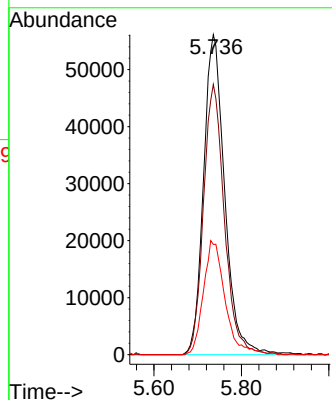
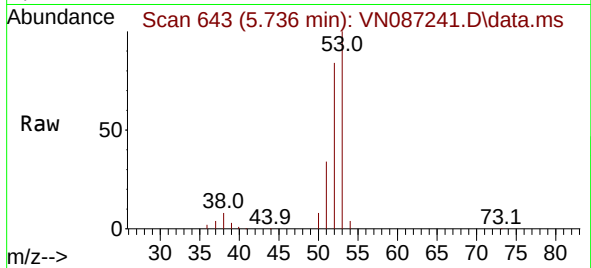




#15
Acrylonitrile
Concen: 242.609 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

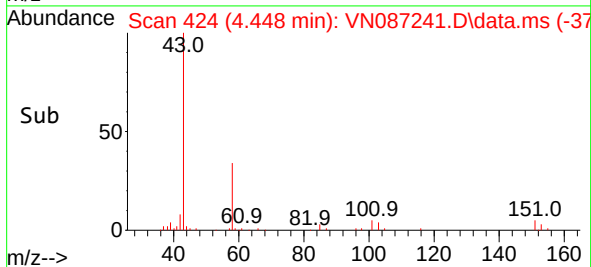
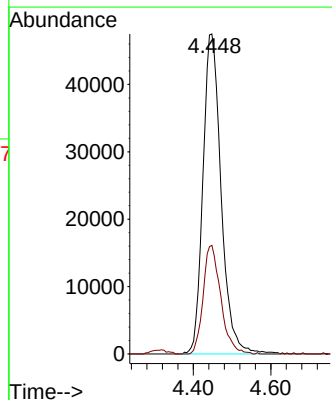
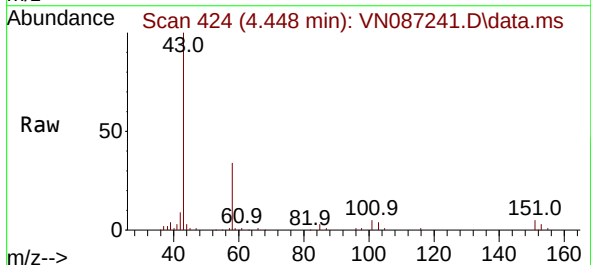
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

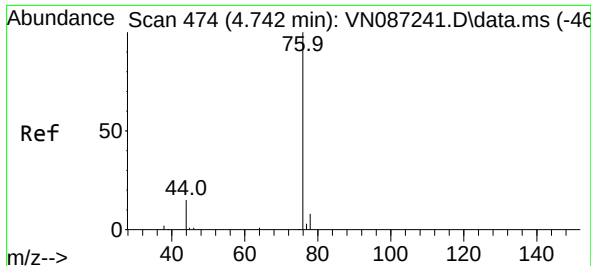
Tgt Ion: 53 Resp: 188884
Ion Ratio Lower Upper
53 100
52 83.1 66.5 99.7
51 36.4 29.1 43.7



#16
Acetone
Concen: 235.358 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 43 Resp: 154726
Ion Ratio Lower Upper
43 100
58 33.9 27.1 40.7





#17

Carbon Disulfide

Concen: 47.338 ug/l

RT: 4.742 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

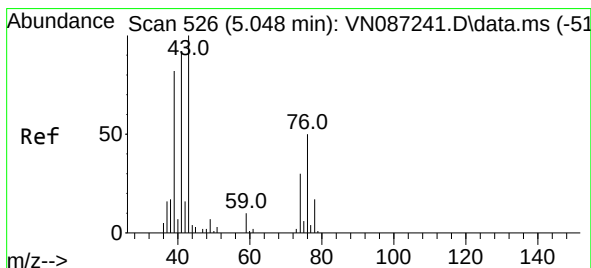
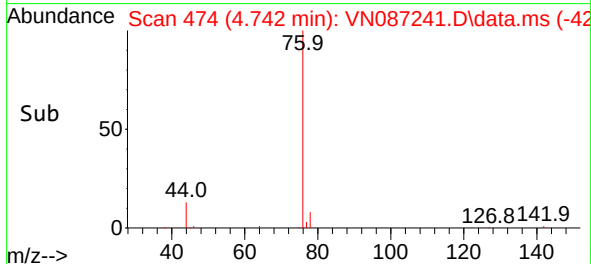
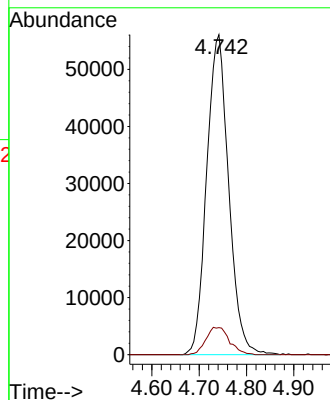
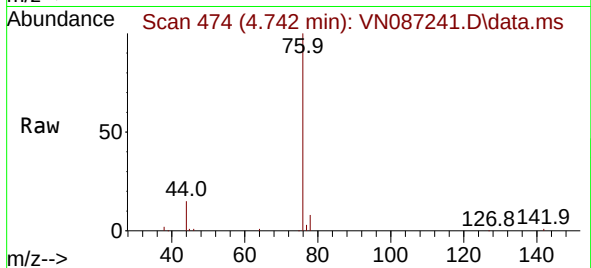
VSTDICCC050

Tgt Ion: 76 Resp: 180939

Ion Ratio Lower Upper

76 100

78 8.5 6.8 10.2



#18

Methyl Acetate

Concen: 49.119 ug/l

RT: 5.048 min Scan# 526

Delta R.T. 0.000 min

Lab File: VN087241.D

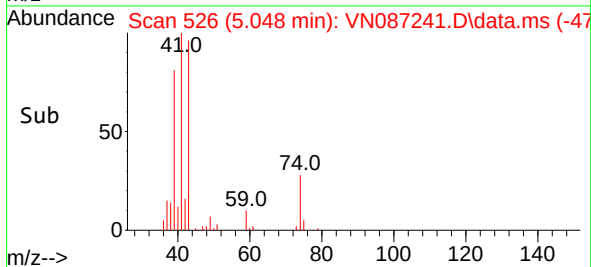
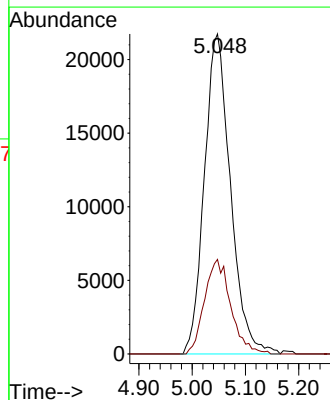
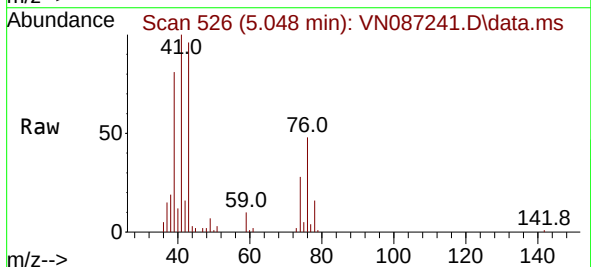
Acq: 30 Jun 2025 14:09

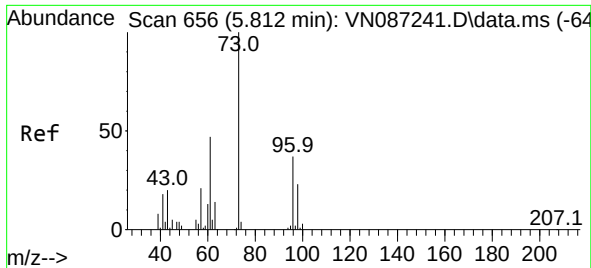
Tgt Ion: 43 Resp: 73923

Ion Ratio Lower Upper

43 100

74 29.7 23.8 35.6

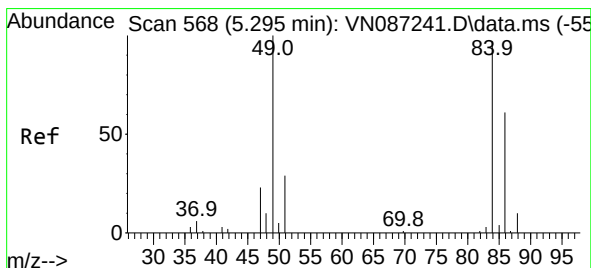
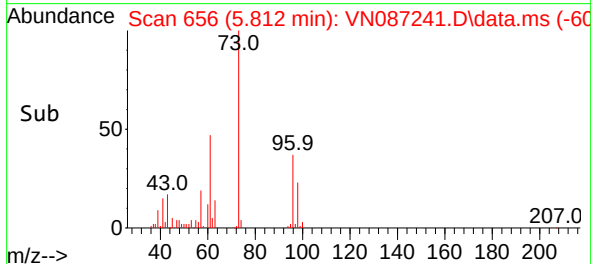
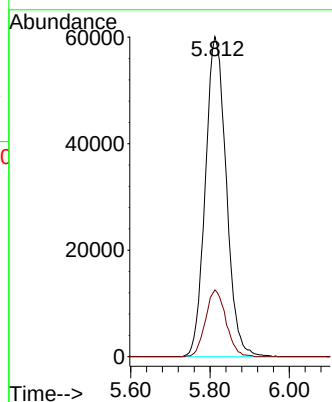
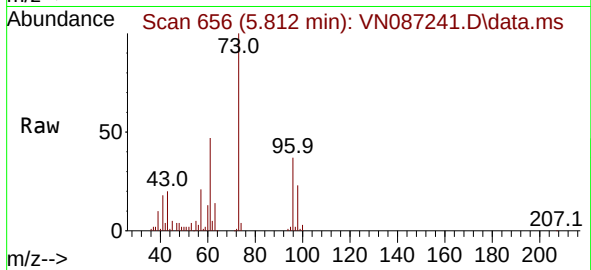




#19
Methyl tert-butyl Ether
Concen: 49.293 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

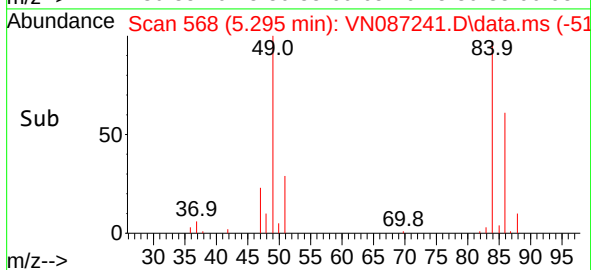
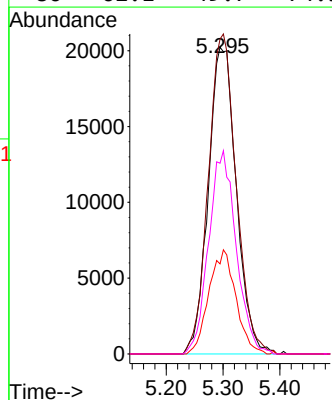
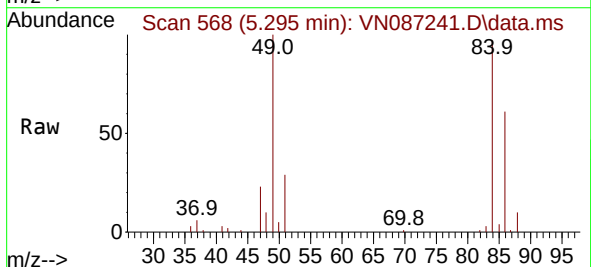
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

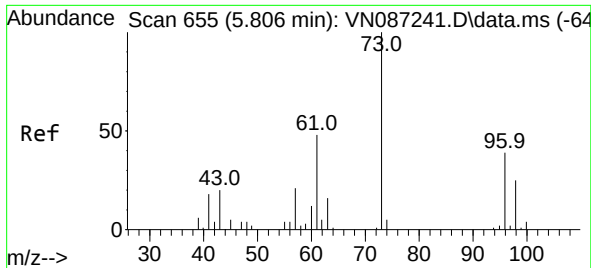
Tgt Ion: 73 Resp: 220092
Ion Ratio Lower Upper
73 100
57 20.9 16.7 25.1



#20
Methylene Chloride
Concen: 47.600 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 84 Resp: 69320
Ion Ratio Lower Upper
84 100
49 102.6 82.1 123.1
51 29.4 23.5 35.3
86 62.1 49.7 74.5

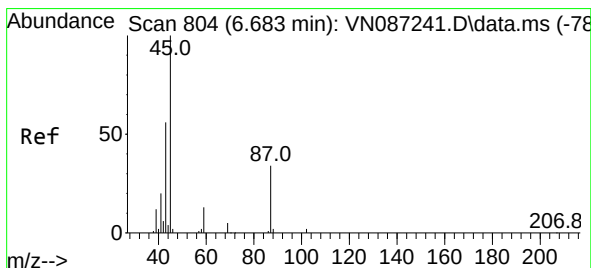
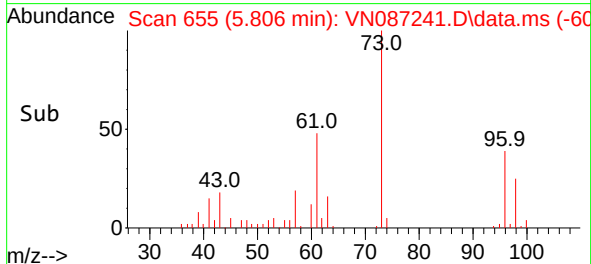
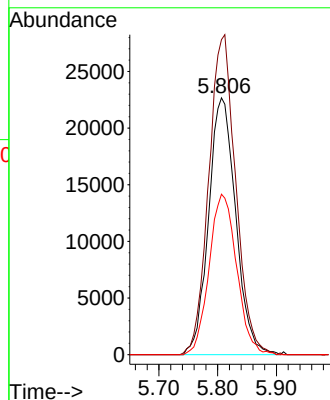
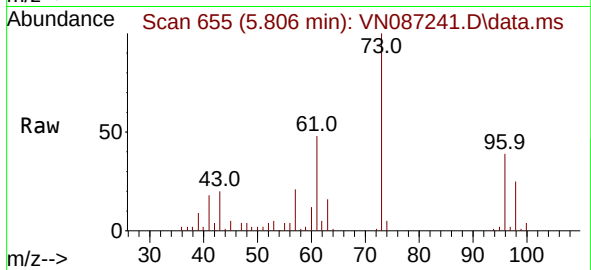




#21
trans-1,2-Dichloroethene
Concen: 47.219 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

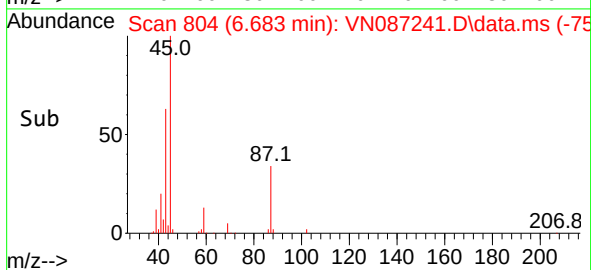
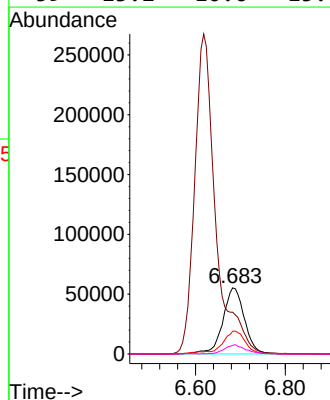
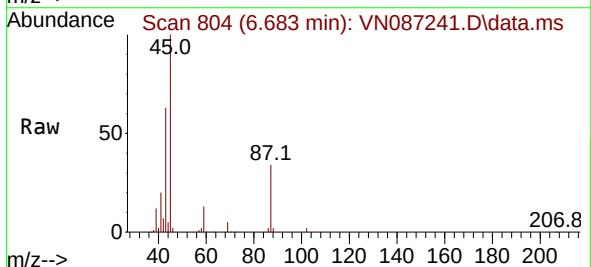
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

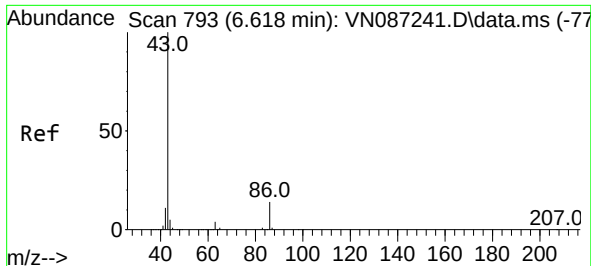
Tgt Ion: 96 Resp: 72690
Ion Ratio Lower Upper
96 100
61 122.7 98.2 147.2
98 62.5 50.0 75.0



#22
Diisopropyl ether
Concen: 49.314 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 45 Resp: 184346
Ion Ratio Lower Upper
45 100
43 62.6 50.1 75.1
87 34.4 27.5 41.3
59 13.2 10.6 15.8

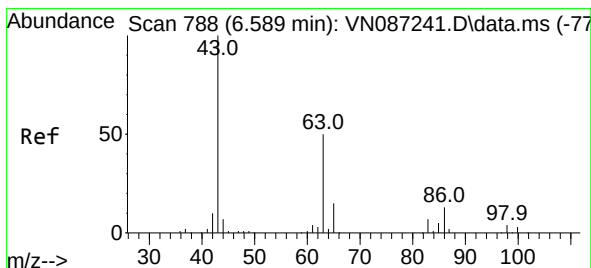
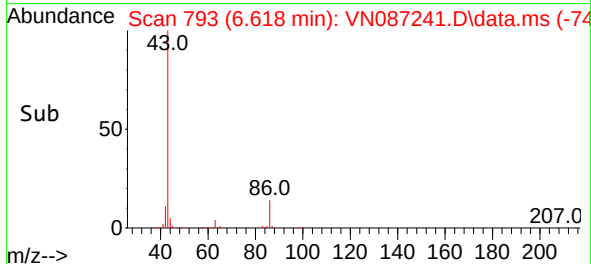
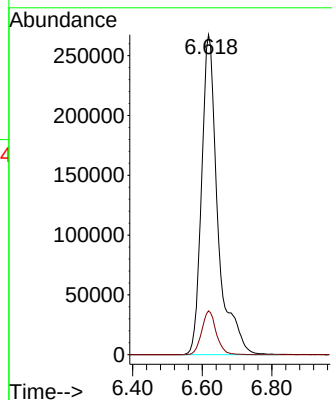
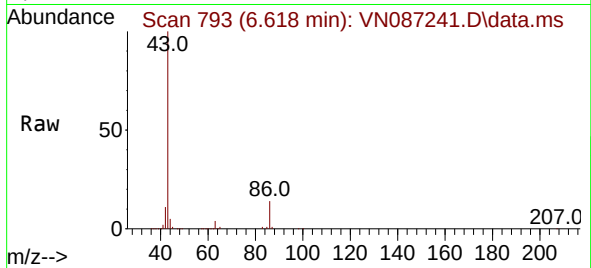




#23
 Vinyl Acetate
 Concen: 250.962 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

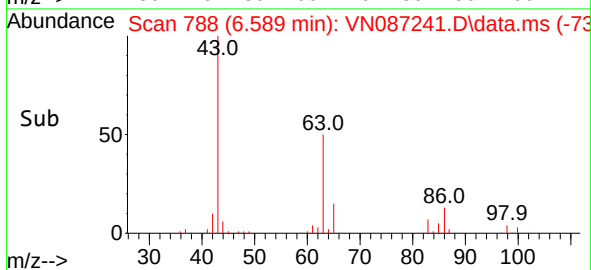
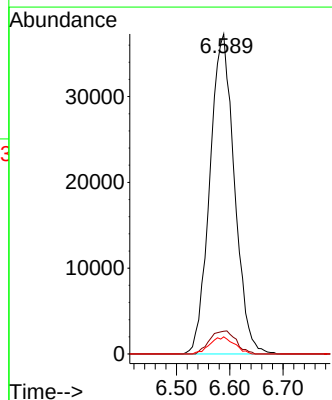
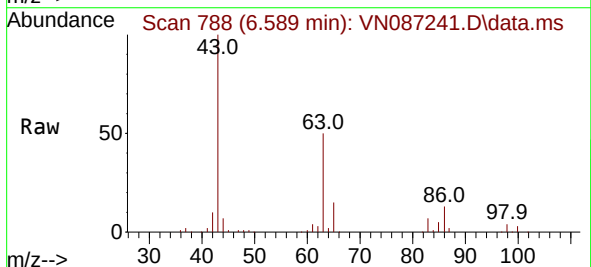
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

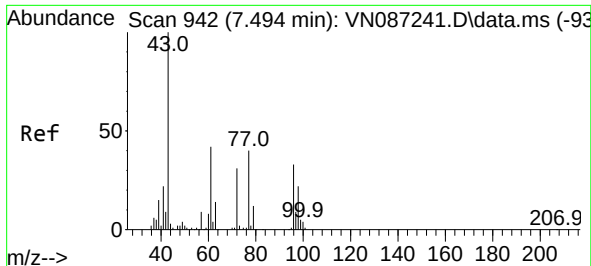
Tgt Ion: 43 Resp: 867635
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.0 16.4



#24
 1,1-Dichloroethane
 Concen: 48.816 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

Tgt Ion: 63 Resp: 119563
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 5.4 2.7 8.1

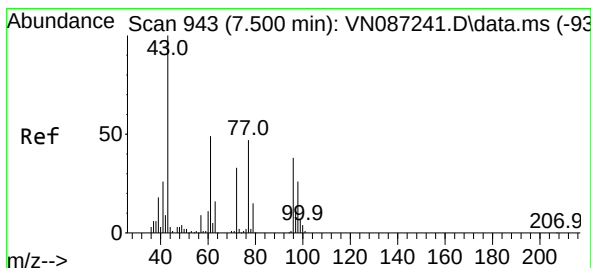
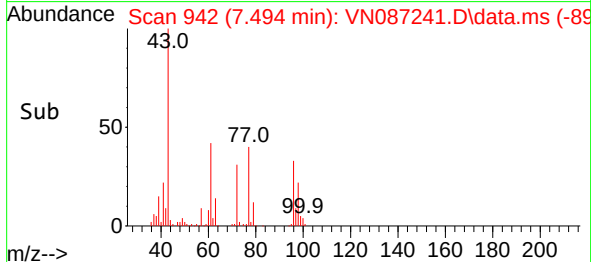
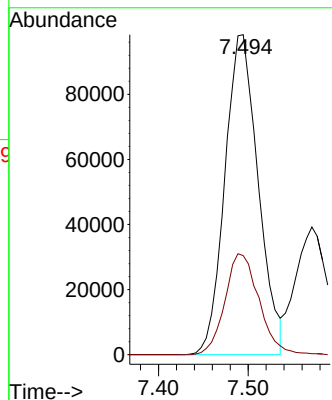
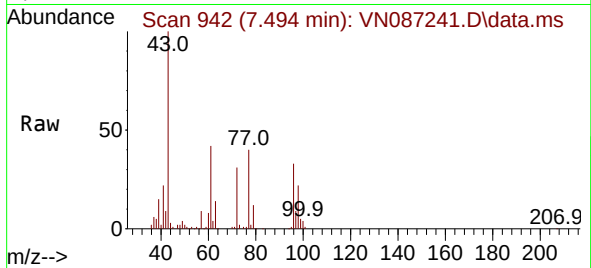




#25
2-Butanone
Concen: 246.599 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

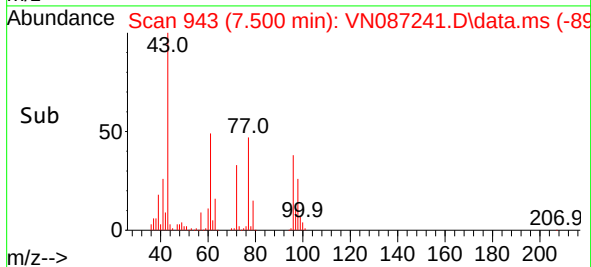
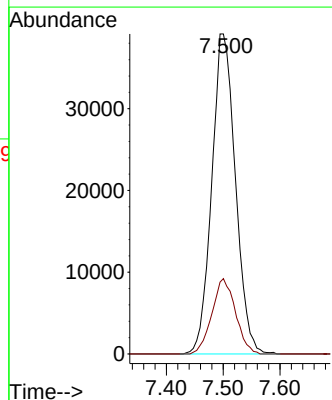
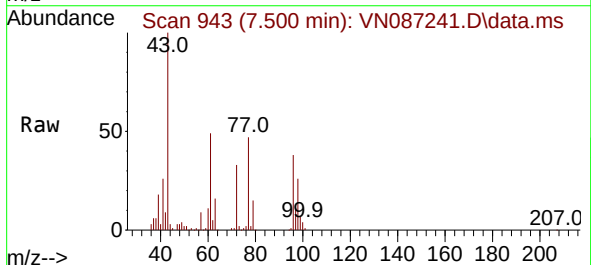
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

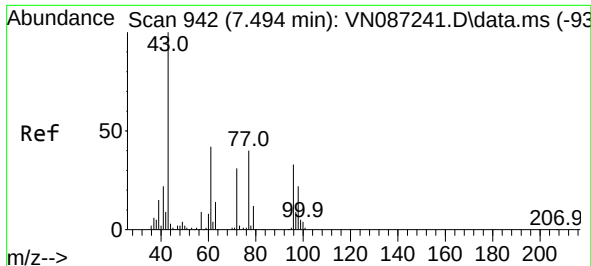
Tgt Ion: 43 Resp: 253348
Ion Ratio Lower Upper
43 100
72 31.0 24.8 37.2



#26
2,2-Dichloropropane
Concen: 48.292 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 77 Resp: 113182
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3

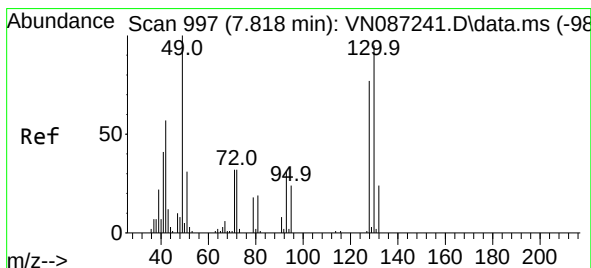
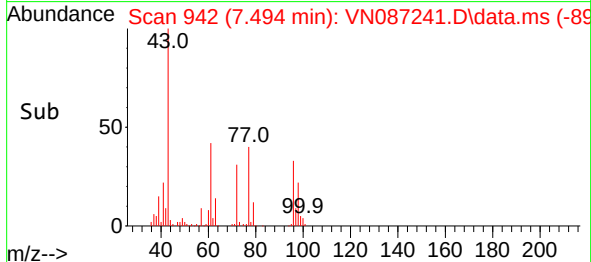
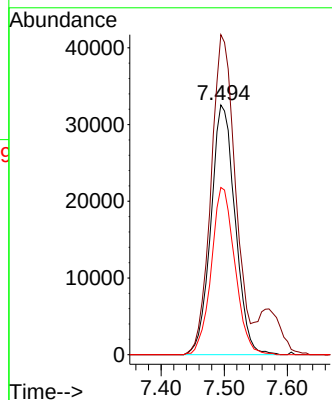
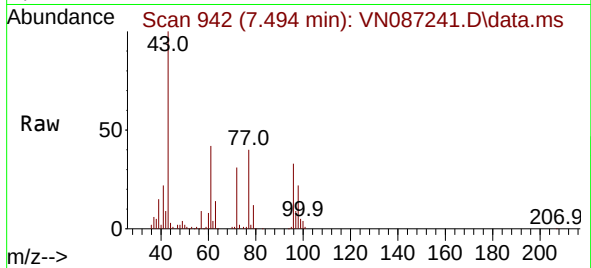




#27
 cis-1,2-Dichloroethene
 Concen: 48.787 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

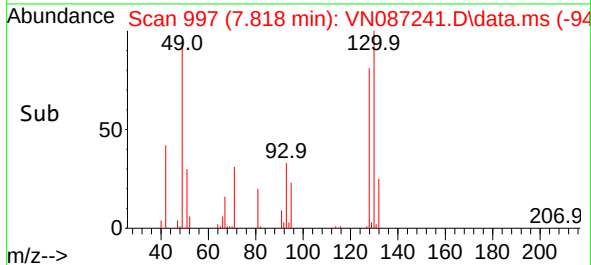
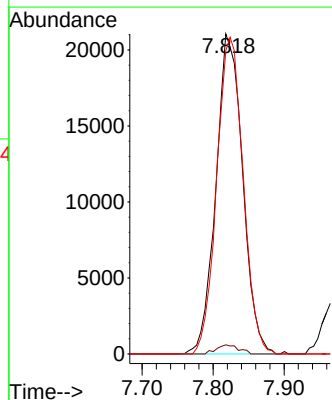
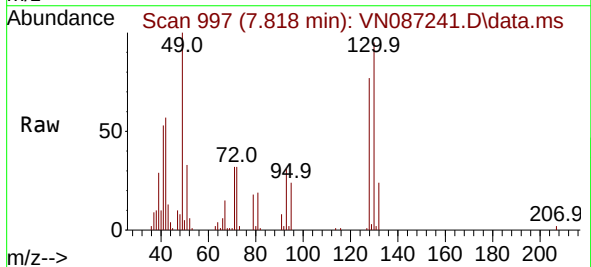
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

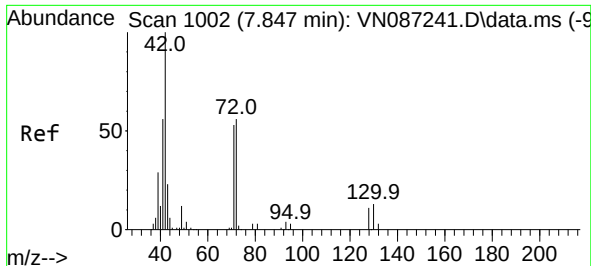
Tgt Ion: 96 Resp: 86734
 Ion Ratio Lower Upper
 96 100
 61 129.4 0.0 258.8
 98 65.4 0.0 130.8



#28
 Bromochloromethane
 Concen: 50.759 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

Tgt Ion: 49 Resp: 54874
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 98.0 78.4 117.6





#29

Tetrahydrofuran

Concen: 251.640 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

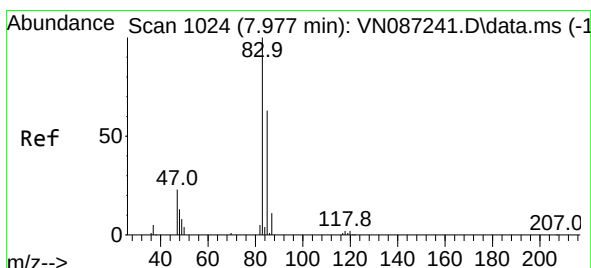
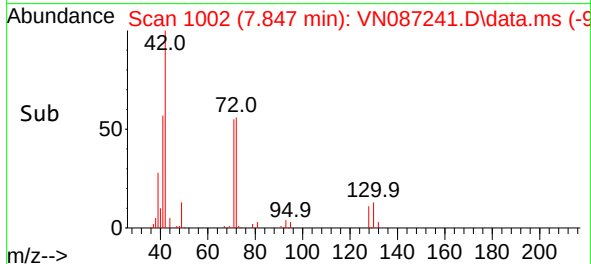
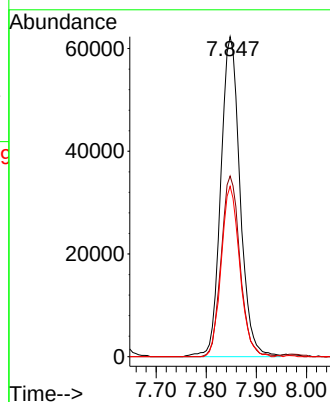
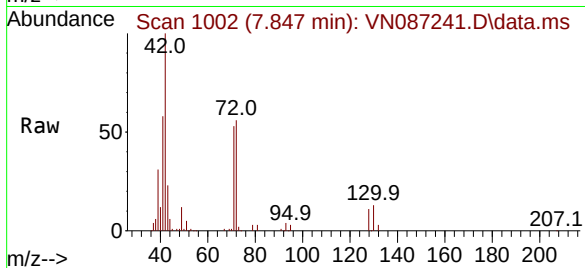
Tgt Ion: 42 Resp: 166593

Ion Ratio Lower Upper

42 100

72 55.3 44.2 66.4

71 51.4 41.1 61.7



#30

Chloroform

Concen: 48.255 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN087241.D

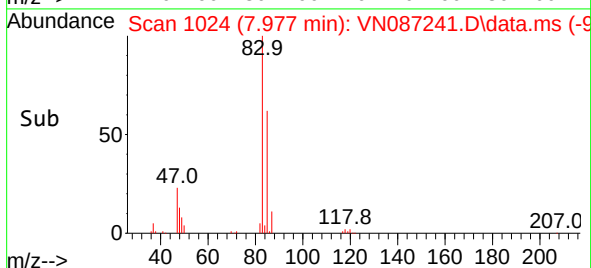
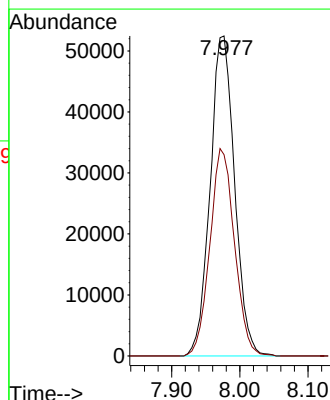
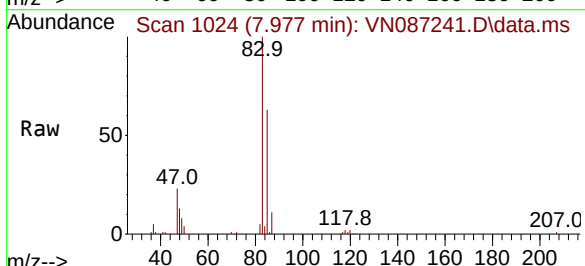
Acq: 30 Jun 2025 14:09

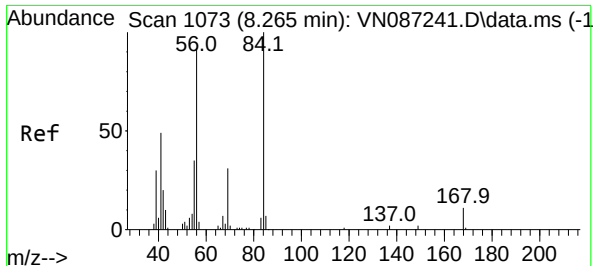
Tgt Ion: 83 Resp: 131000

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5

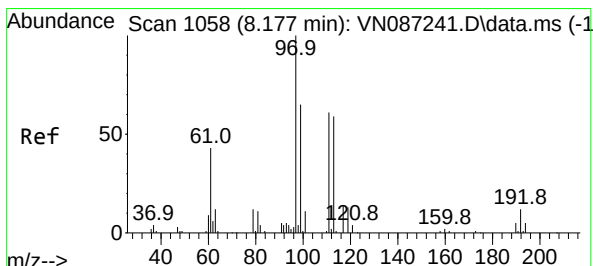
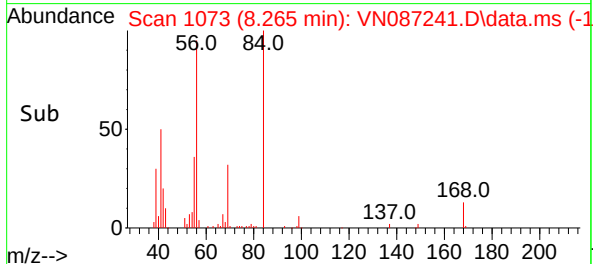
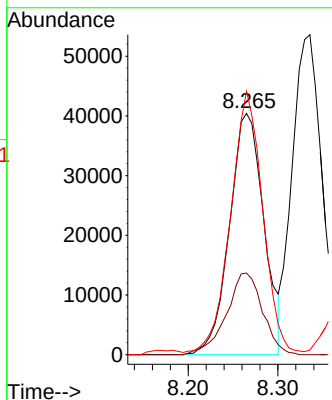
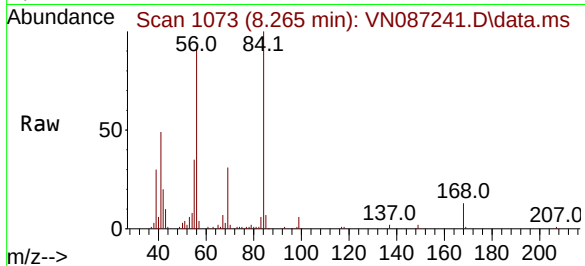




#31
Cyclohexane
Concen: 45.803 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

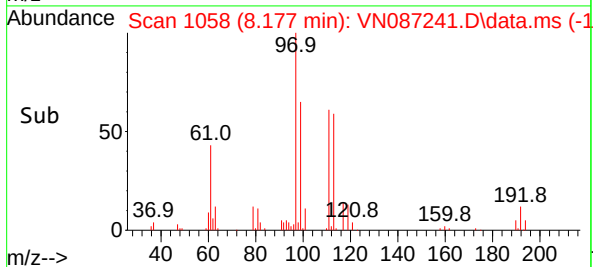
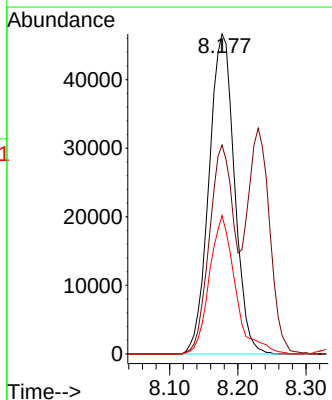
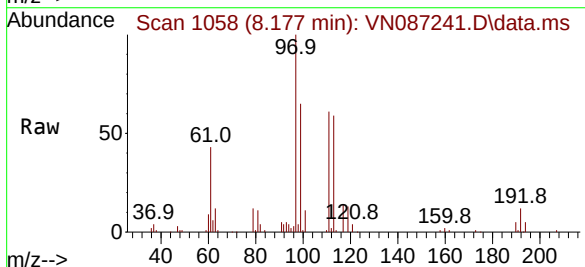
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

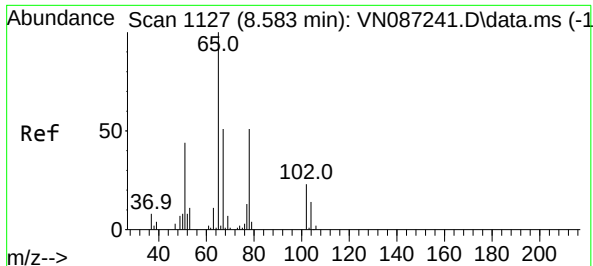
Tgt Ion: 56 Resp: 107262
Ion Ratio Lower Upper
56 100
69 33.8 27.0 40.6
84 107.8 86.2 129.4



#32
1,1,1-Trichloroethane
Concen: 48.045 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 97 Resp: 121470
Ion Ratio Lower Upper
97 100
99 61.9 49.5 74.3
61 44.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.203 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

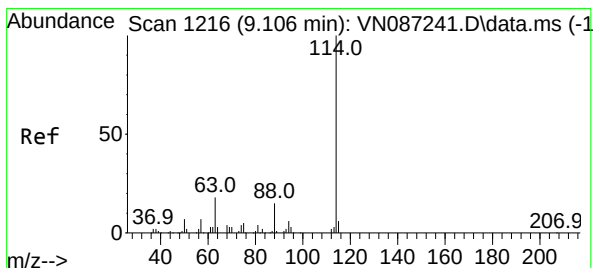
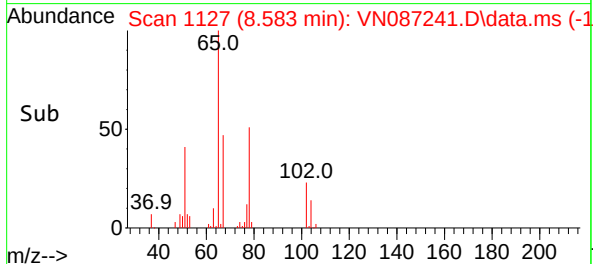
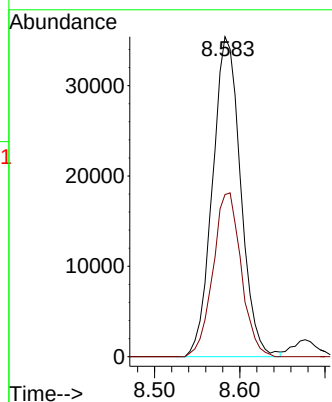
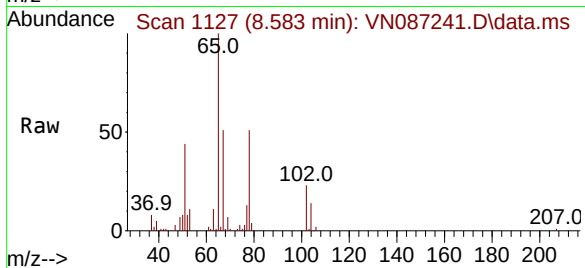
VSTDICCC050

Tgt Ion: 65 Resp: 81168

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

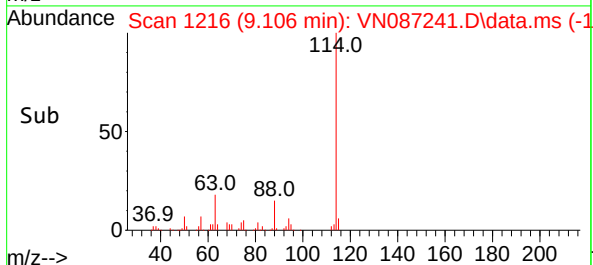
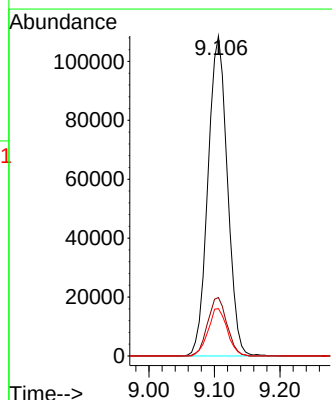
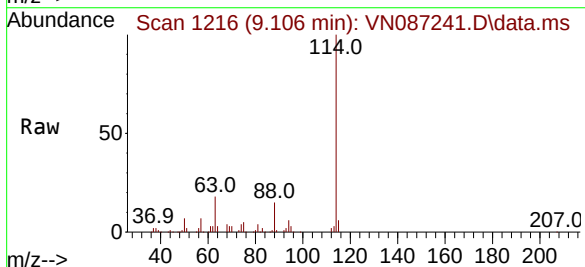
Tgt Ion: 114 Resp: 223678

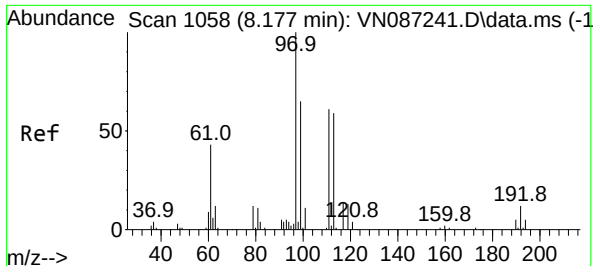
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.894 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

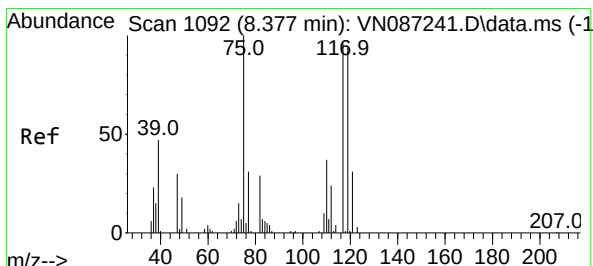
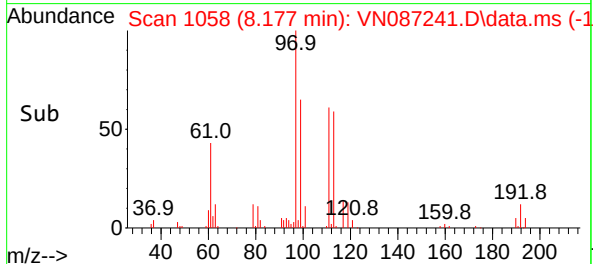
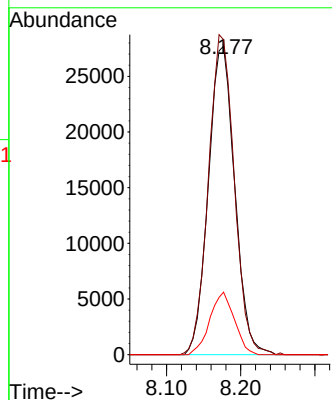
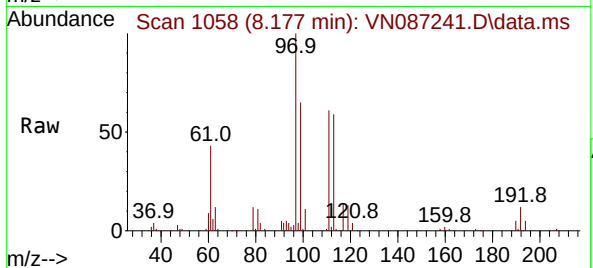
Tgt Ion:113 Resp: 68595

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.2

192 18.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 48.849 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

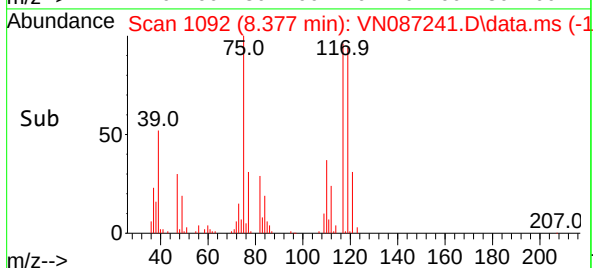
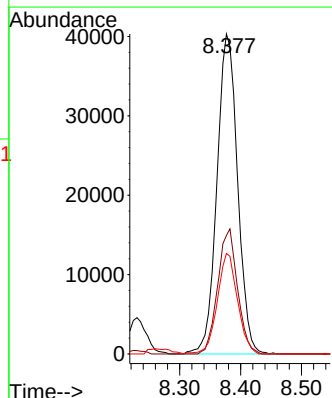
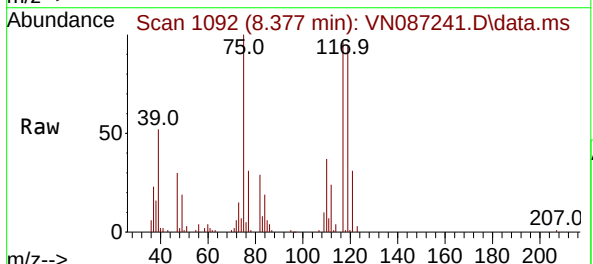
Tgt Ion: 75 Resp: 95142

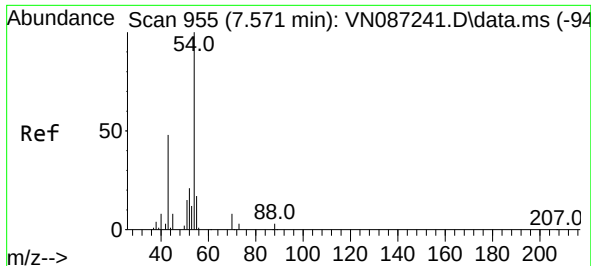
Ion Ratio Lower Upper

75 100

110 37.4 18.7 56.1

77 30.6 24.5 36.7





#37

Ethyl Acetate

Concen: 49.676 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

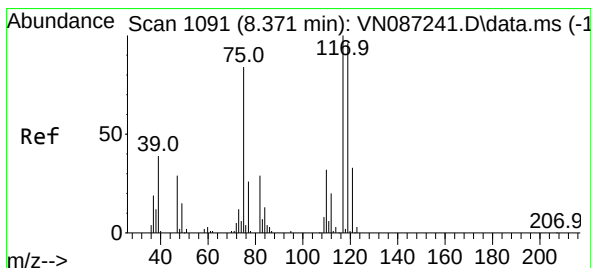
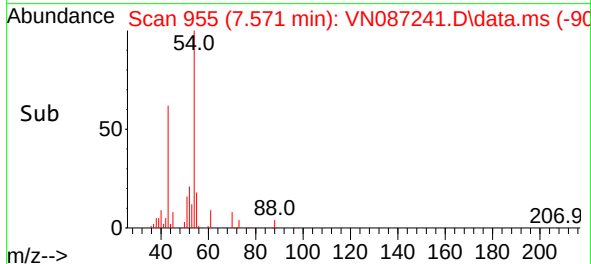
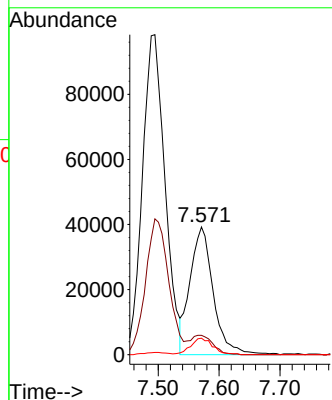
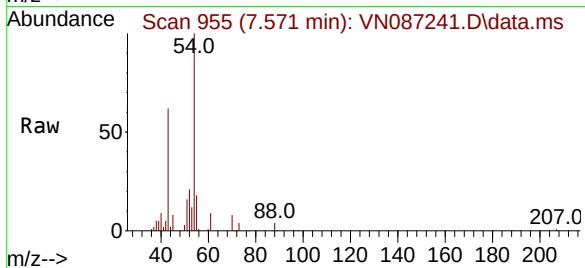
Tgt Ion: 43 Resp: 104007

Ion Ratio Lower Upper

43 100

61 14.1 11.3 16.9

70 12.4 9.9 14.9



#38

Carbon Tetrachloride

Concen: 49.192 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

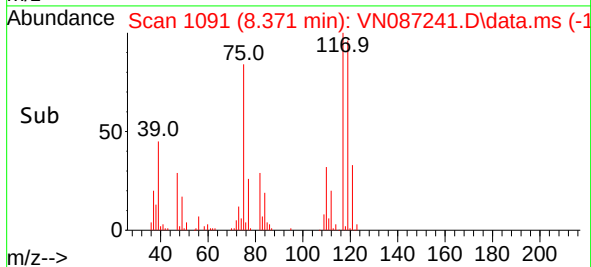
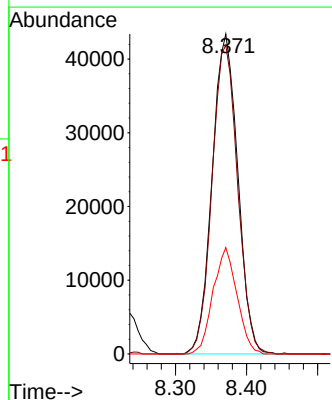
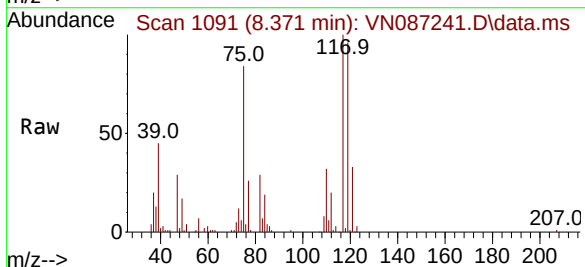
Tgt Ion: 117 Resp: 108564

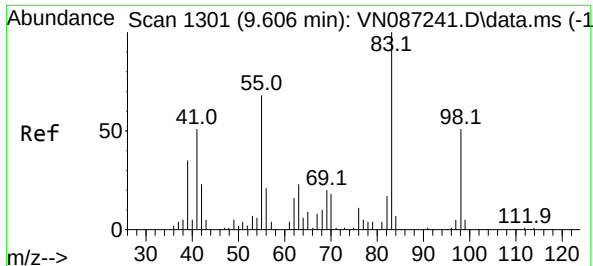
Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8

121 33.2 26.6 39.8





#39

Methylcyclohexane

Concen: 49.680 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

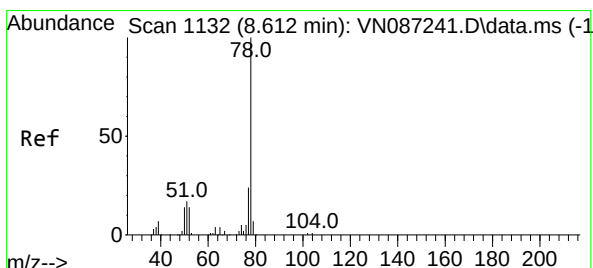
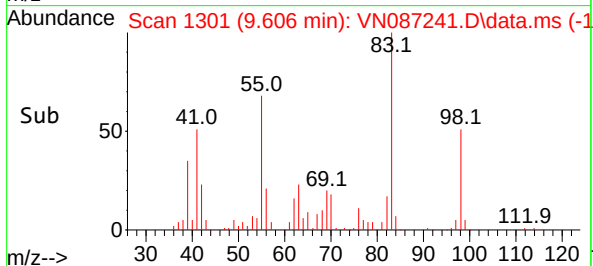
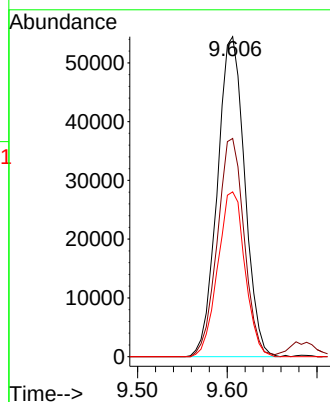
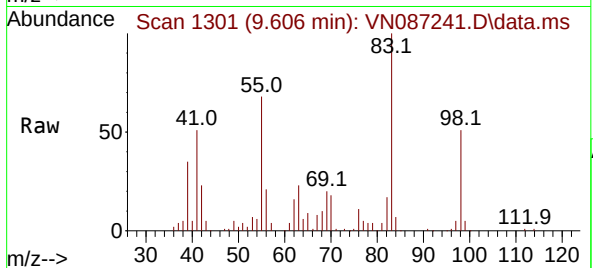
Tgt Ion: 83 Resp: 115231

Ion Ratio Lower Upper

83 100

55 68.2 54.6 81.8

98 51.5 41.2 61.8



#40

Benzene

Concen: 48.570 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN087241.D

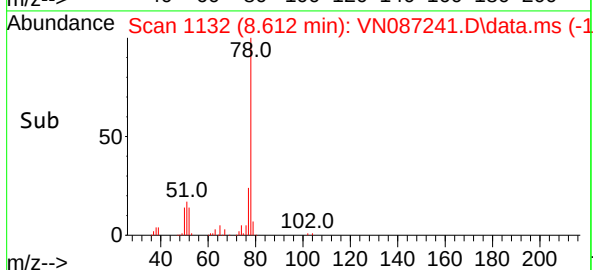
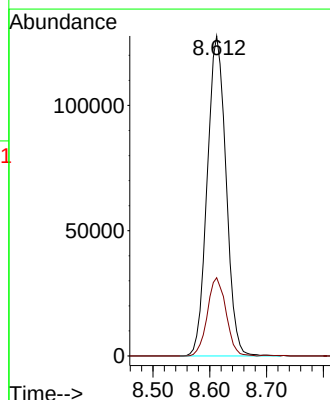
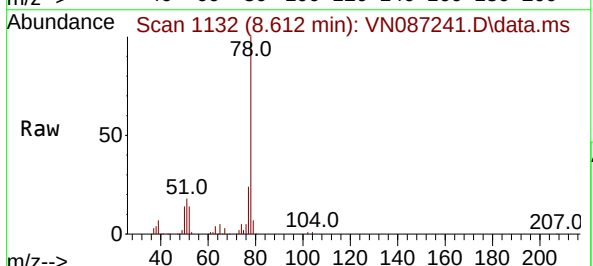
Acq: 30 Jun 2025 14:09

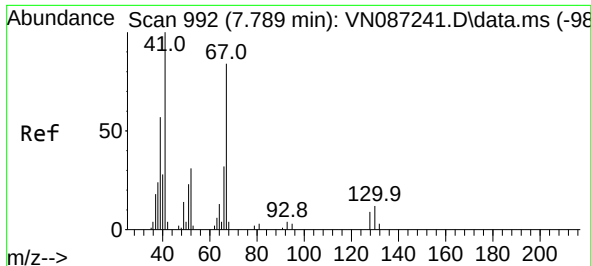
Tgt Ion: 78 Resp: 293072

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3

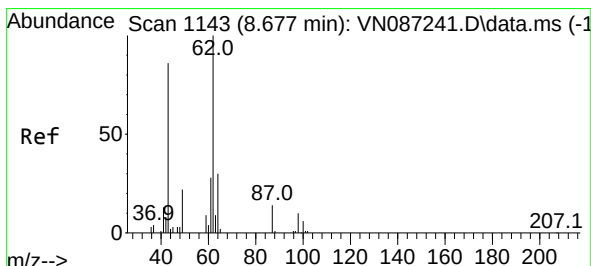
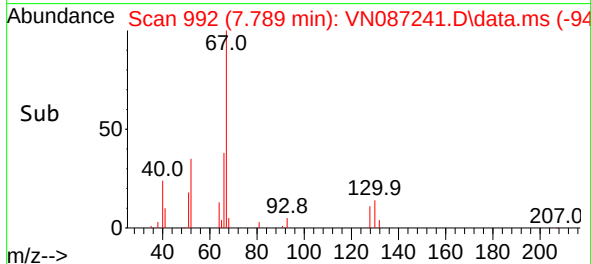
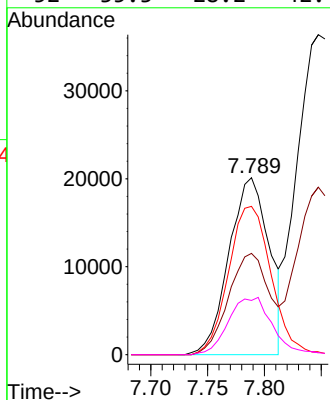
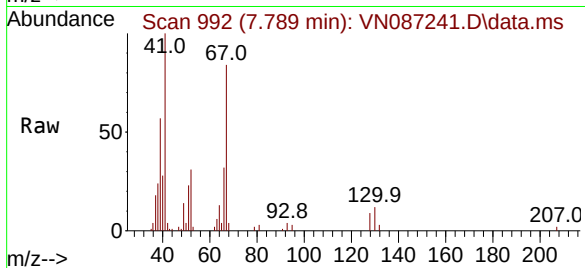




#41
Methacrylonitrile
Concen: 49.600 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

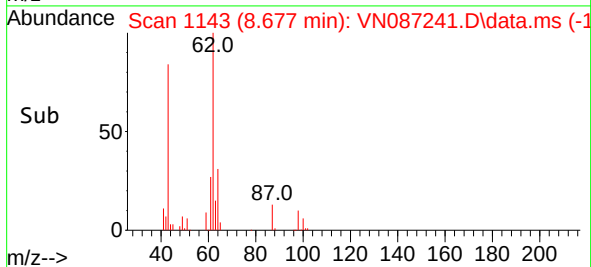
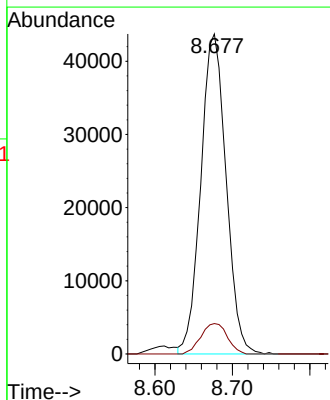
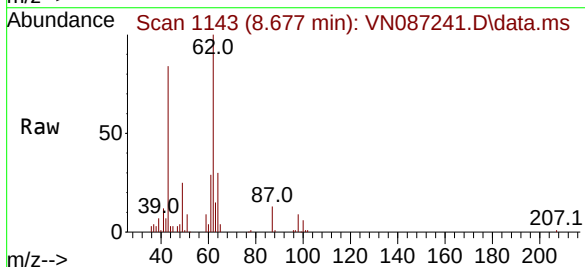
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

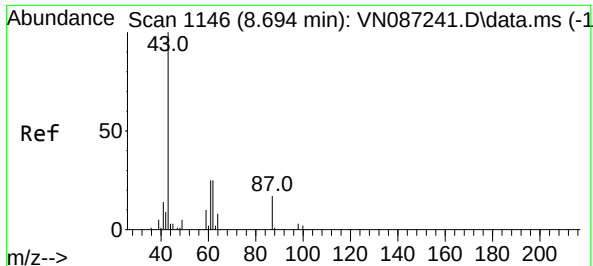
Tgt Ion:	41	Resp:	49653
Ion	Ratio	Lower	Upper
41	100		
39	58.0	46.4	69.6
67	88.5	70.8	106.2
52	35.3	28.2	42.4



#42
1,2-Dichloroethane
Concen: 49.408 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion:	62	Resp:	99146
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8

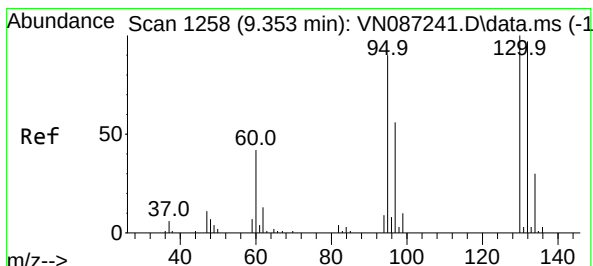
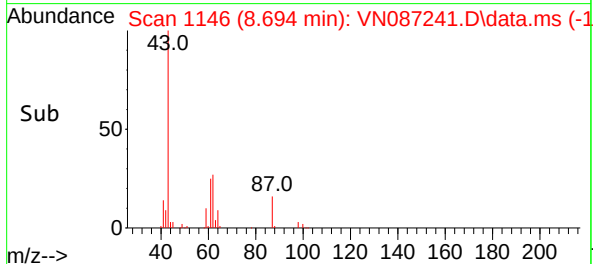
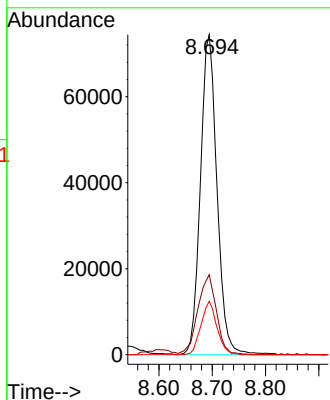
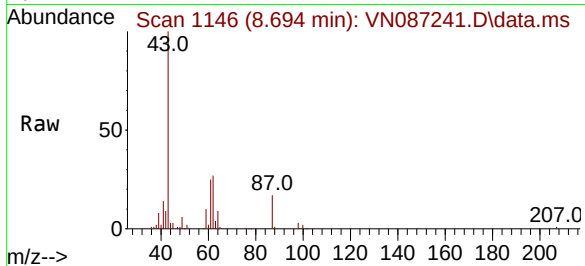




#43
Isopropyl Acetate
Concen: 49.471 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

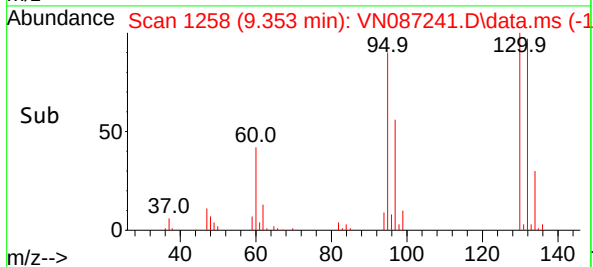
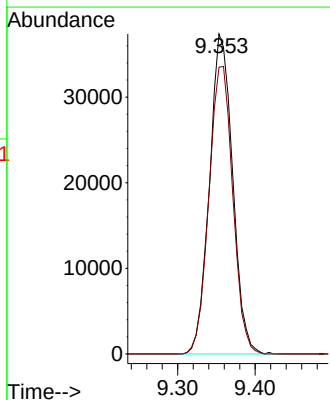
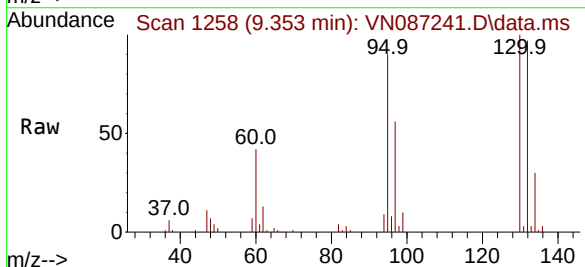
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

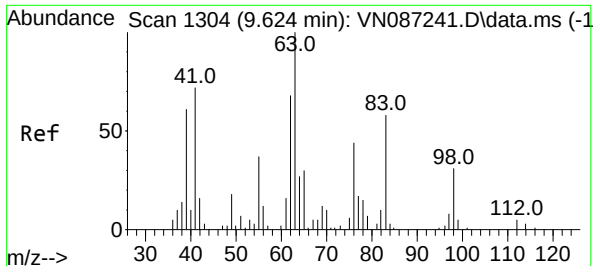
Tgt Ion: 43 Resp: 160630
Ion Ratio Lower Upper
43 100
61 28.0 22.4 33.6
87 16.0 12.8 19.2



#44
Trichloroethene
Concen: 48.309 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion:130 Resp: 77456
Ion Ratio Lower Upper
130 100
95 89.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.280 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

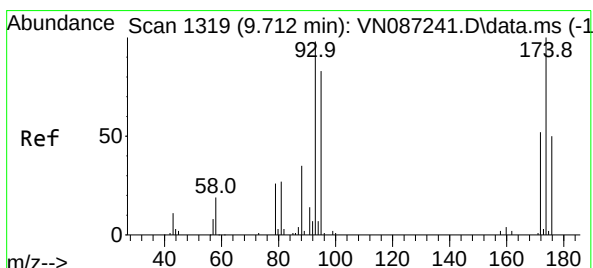
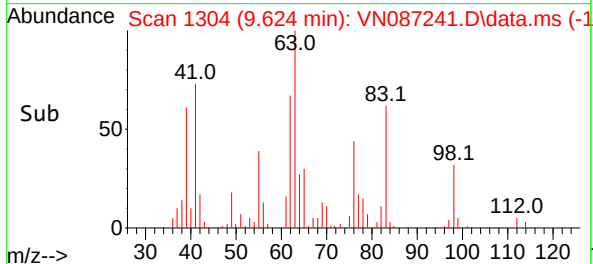
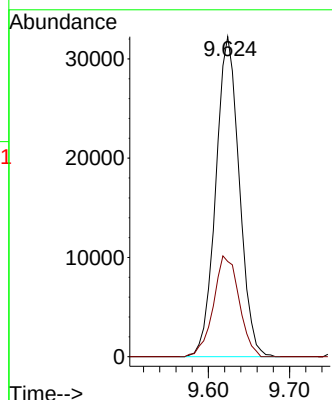
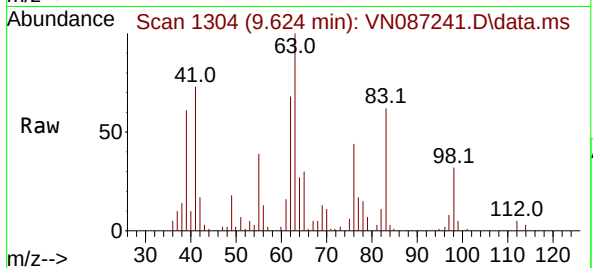
VSTDICCC050

Tgt Ion: 63 Resp: 64834

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.8



#46

Dibromomethane

Concen: 48.263 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

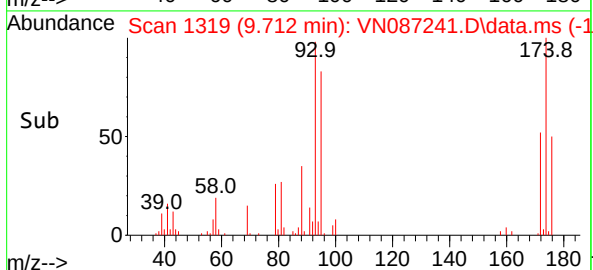
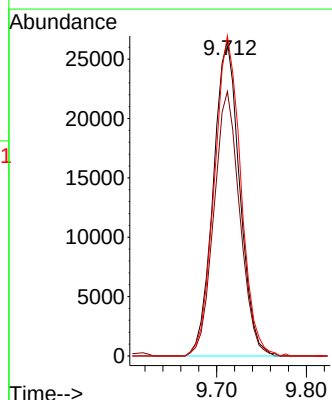
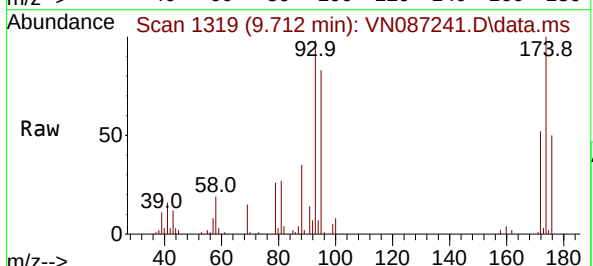
Tgt Ion: 93 Resp: 54017

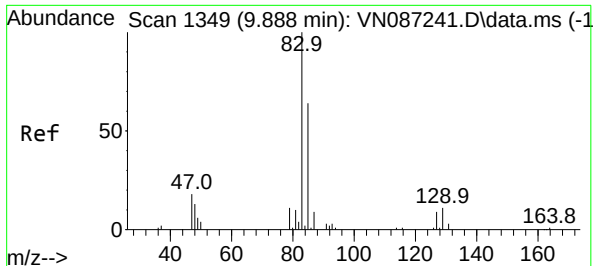
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 102.2 81.8 122.6





#47

Bromodichloromethane

Concen: 48.701 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

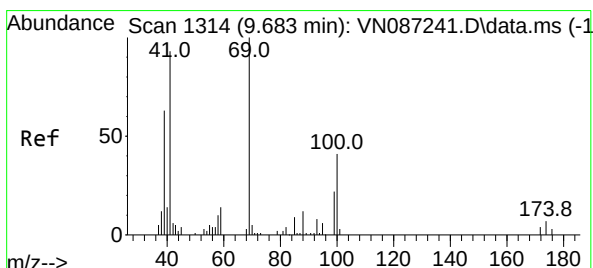
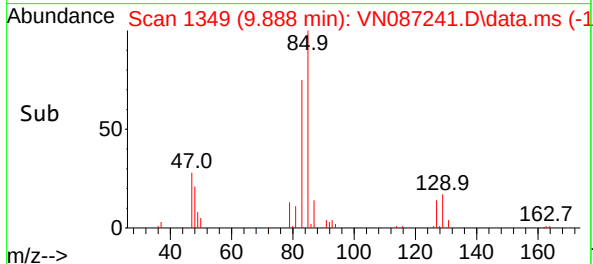
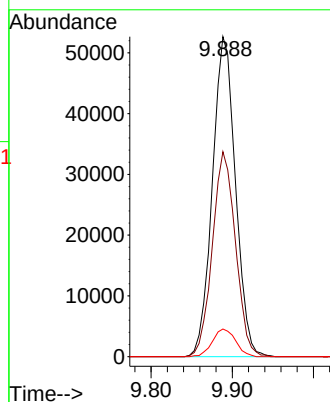
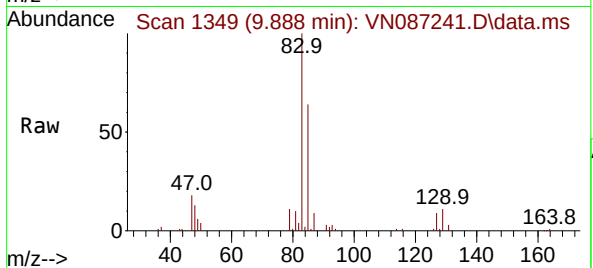
Tgt Ion: 83 Resp: 103956

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

127 8.7 7.0 10.4



#48

Methyl methacrylate

Concen: 50.571 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

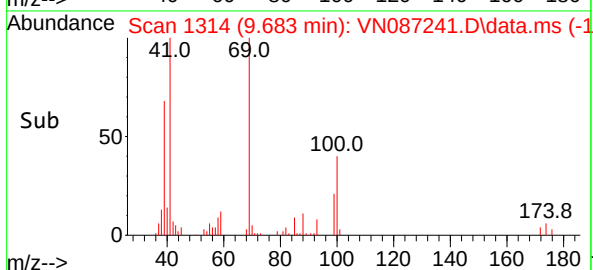
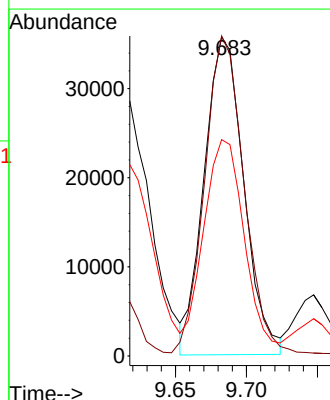
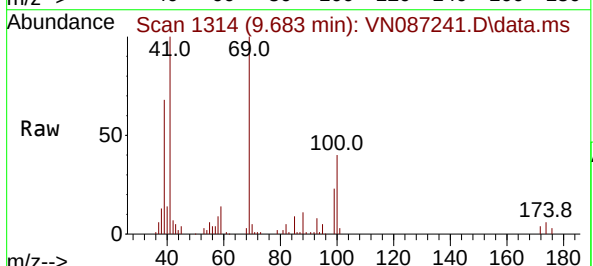
Tgt Ion: 41 Resp: 69205

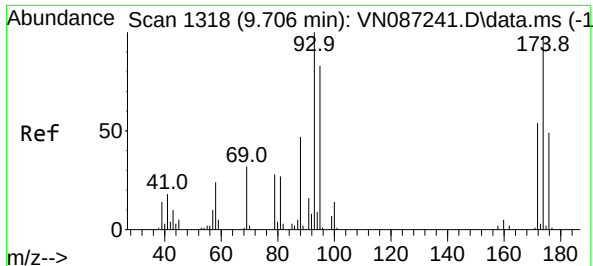
Ion Ratio Lower Upper

41 100

69 101.8 81.4 122.2

39 71.1 56.9 85.3





#49

1,4-Dioxane

Concen: 1014.339 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

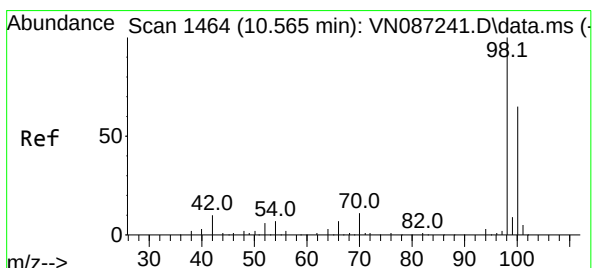
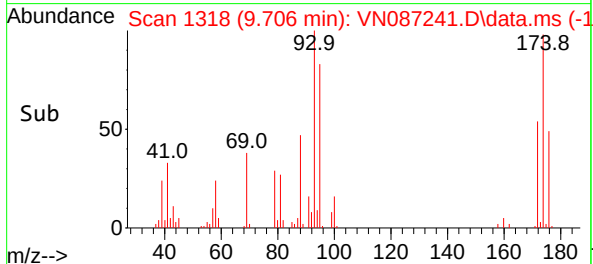
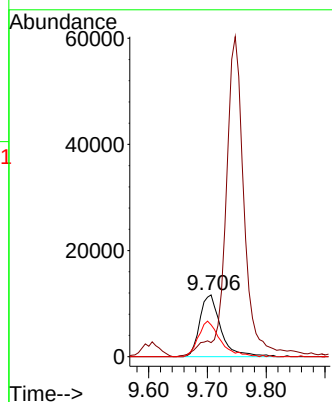
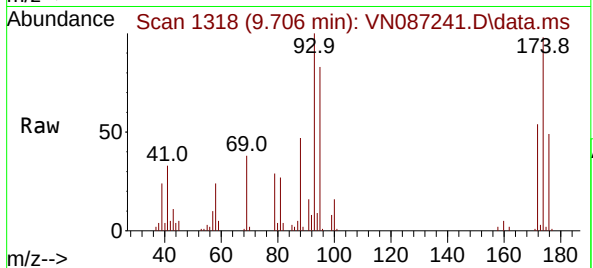
Tgt Ion: 88 Resp: 28918

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 59.8 47.8 71.8



#50

Toluene-d8

Concen: 48.295 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN087241.D

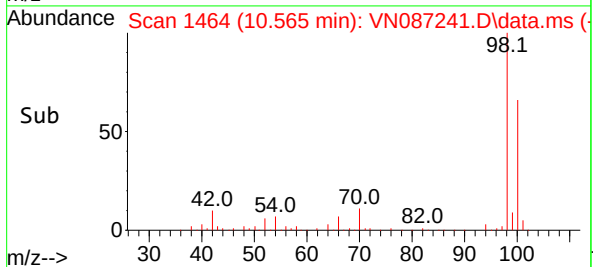
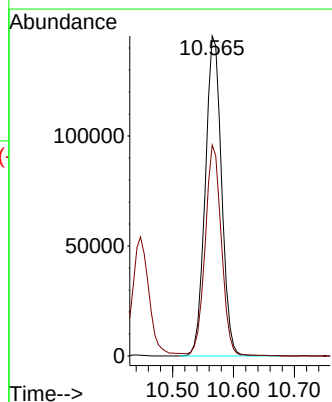
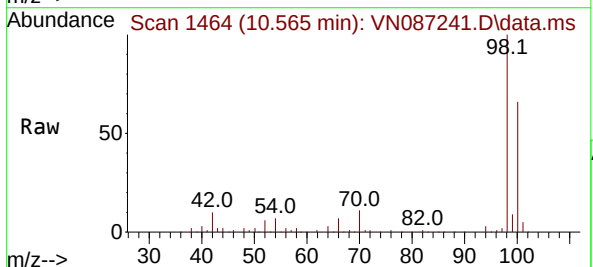
Acq: 30 Jun 2025 14:09

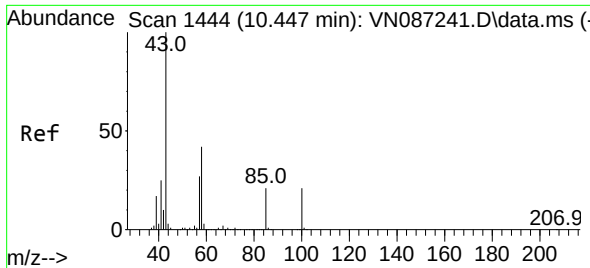
Tgt Ion: 98 Resp: 269608

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

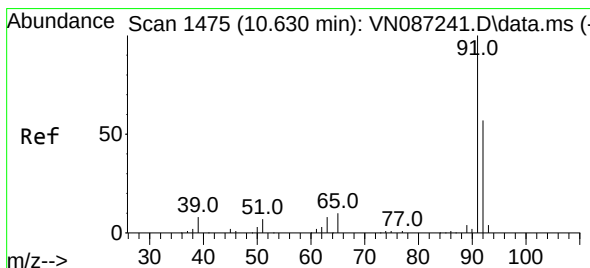
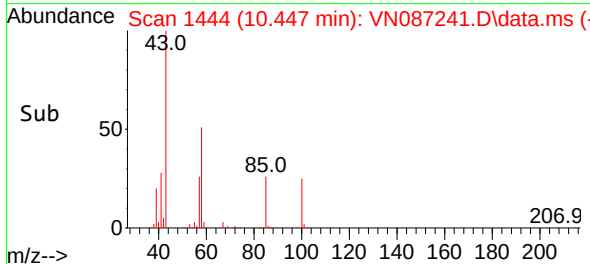
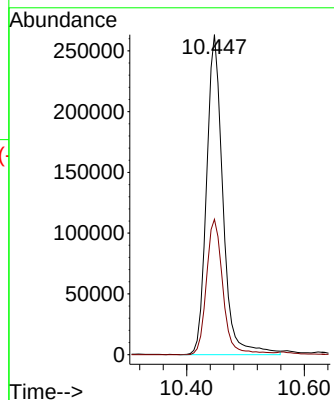
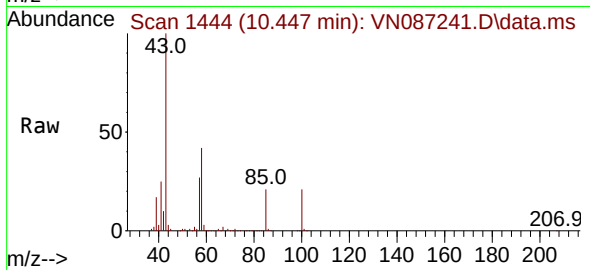




#51
4-Methyl-2-Pentanone
Concen: 255.578 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

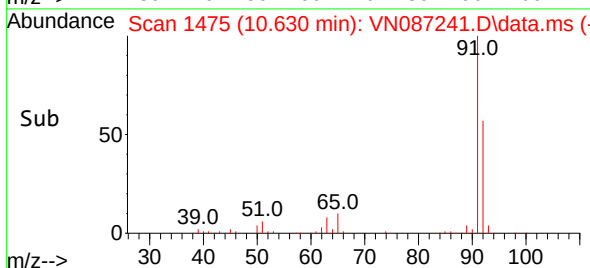
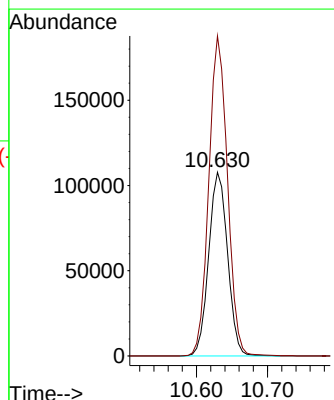
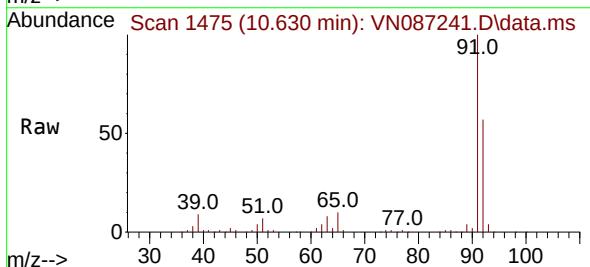
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

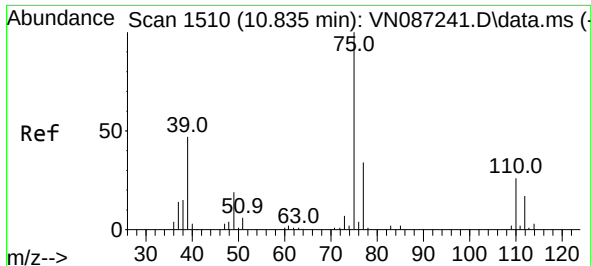
Tgt Ion: 43 Resp: 507742
Ion Ratio Lower Upper
43 100
58 42.7 34.2 51.2



#52
Toluene
Concen: 50.273 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 92 Resp: 198944
Ion Ratio Lower Upper
92 100
91 172.2 137.8 206.6

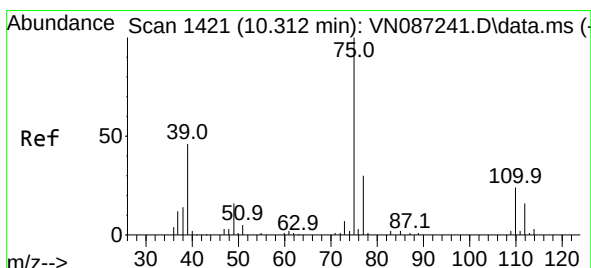
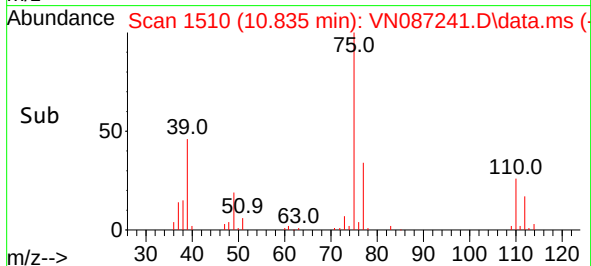
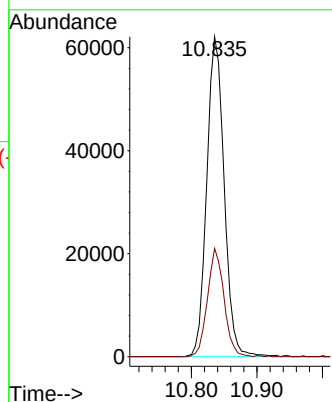
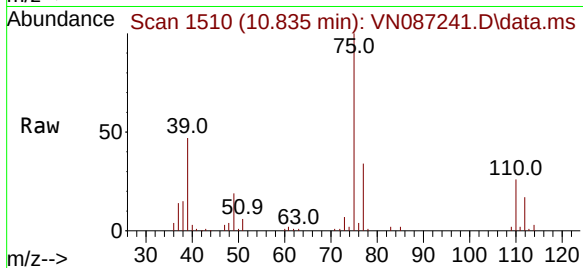




#53
 t-1,3-Dichloropropene
 Concen: 50.175 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

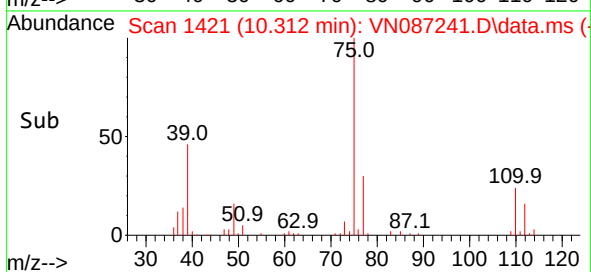
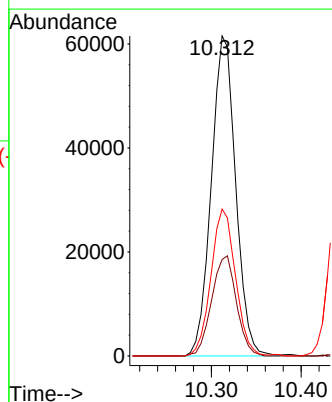
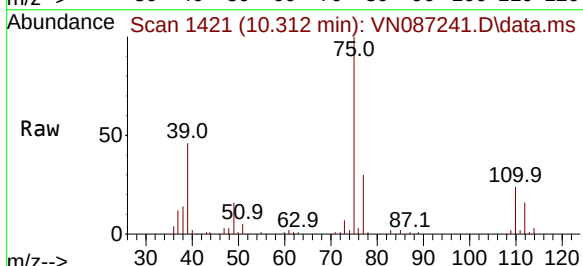
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

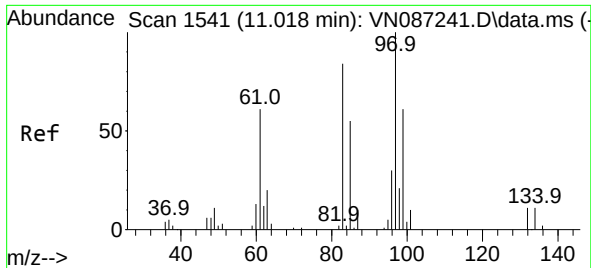
Tgt Ion: 75 Resp: 114875
 Ion Ratio Lower Upper
 75 100
 77 33.9 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.742 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

Tgt Ion: 75 Resp: 116029
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.1 36.1
 39 45.9 36.7 55.1



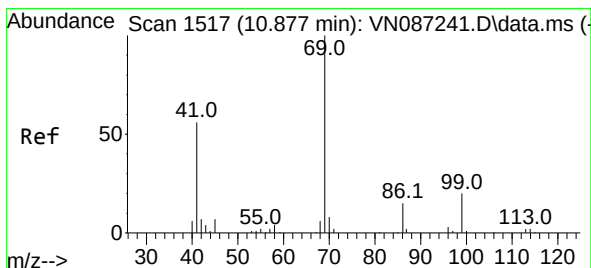
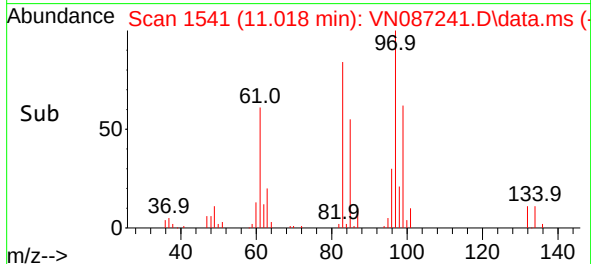
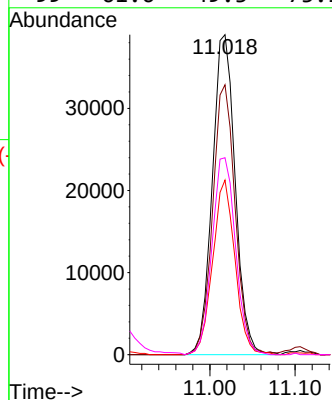
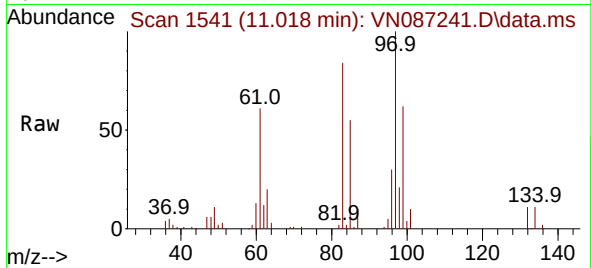


#55
 1,1,2-Trichloroethane
 Concen: 48.622 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 72685

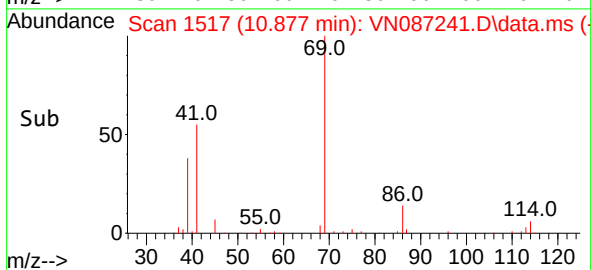
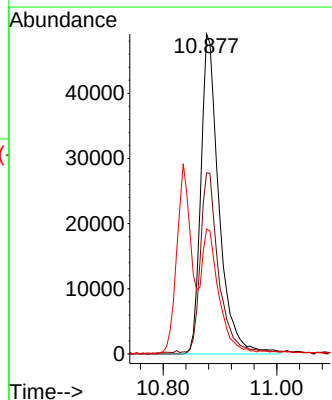
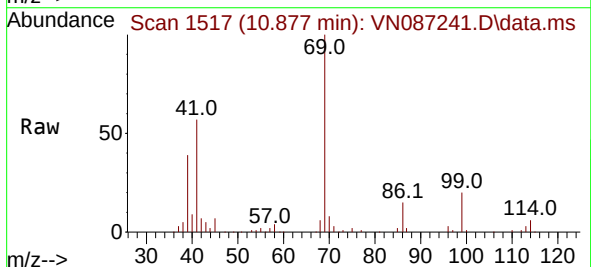
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.2
85	54.5	43.6	65.4
99	61.6	49.3	73.9

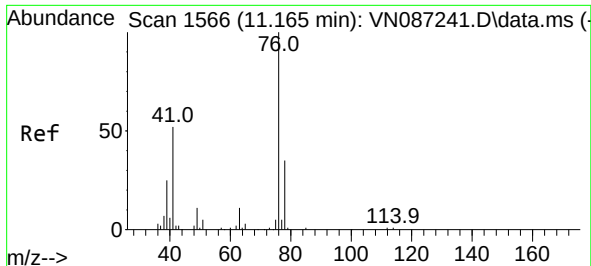


#56
 Ethyl methacrylate
 Concen: 49.589 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

Tgt Ion: 69 Resp: 108609

Ion	Ratio	Lower	Upper
69	100		
41	55.3	44.2	66.4
39	36.9	29.5	44.3

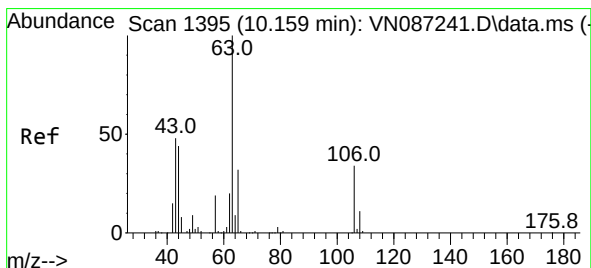
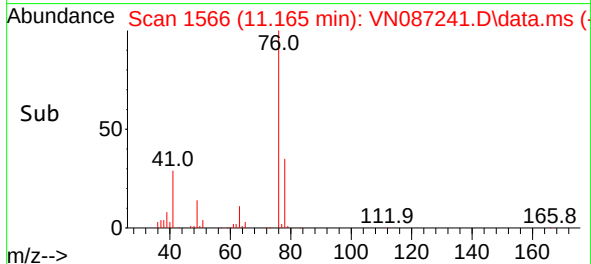
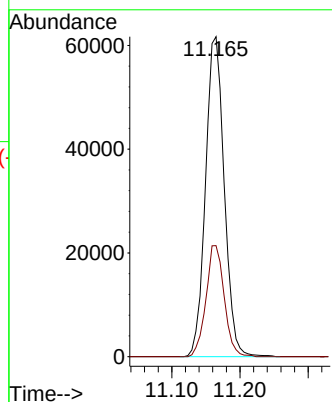
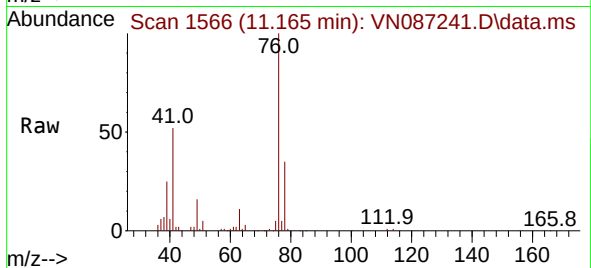




#57
1,3-Dichloropropane
Concen: 48.280 ug/l
RT: 11.165 min Scan# 117795
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

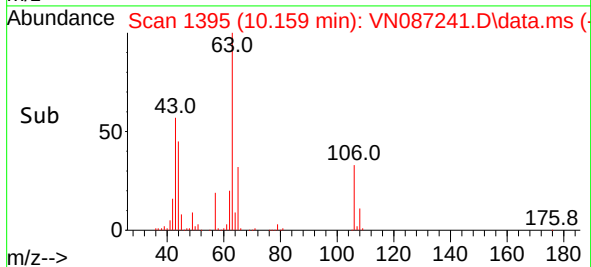
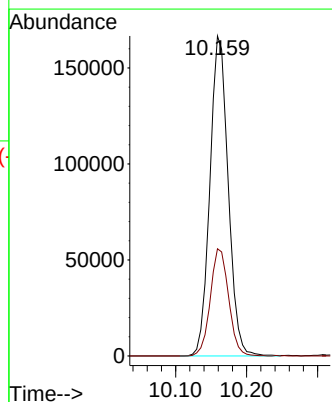
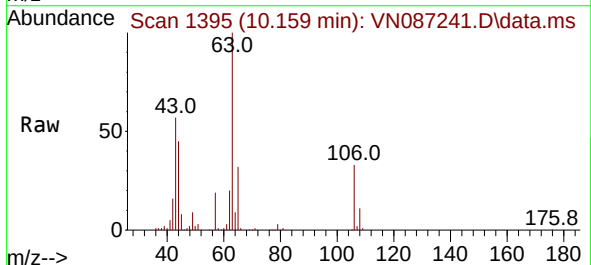
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

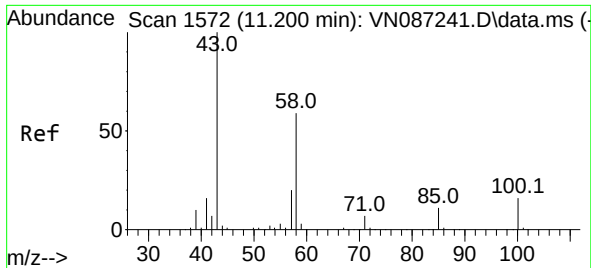
Tgt Ion: 76 Resp: 117795
Ion Ratio Lower Upper
76 100
78 33.9 27.1 40.7



#58
2-Chloroethyl Vinyl ether
Concen: 257.288 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 63 Resp: 297817
Ion Ratio Lower Upper
63 100
106 33.6 26.9 40.3

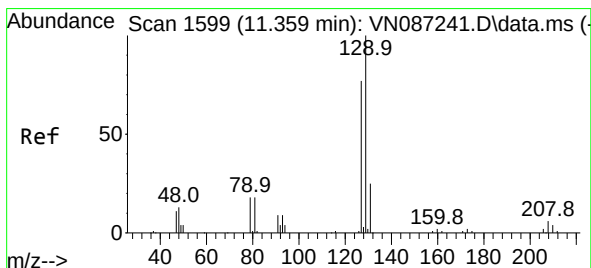
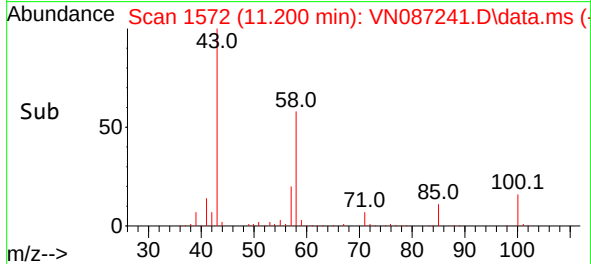
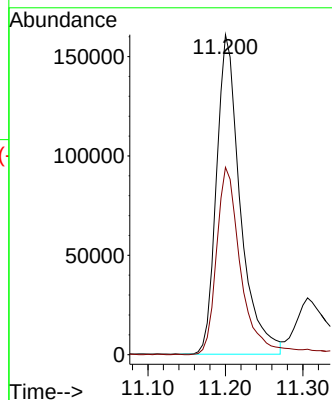
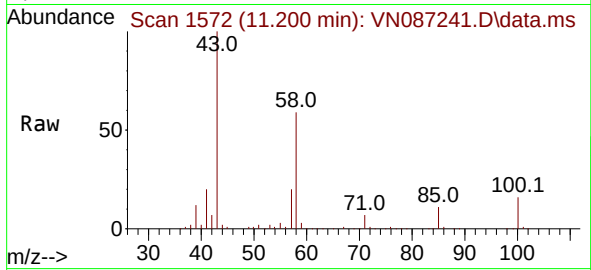




#59
2-Hexanone
Concen: 246.218 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

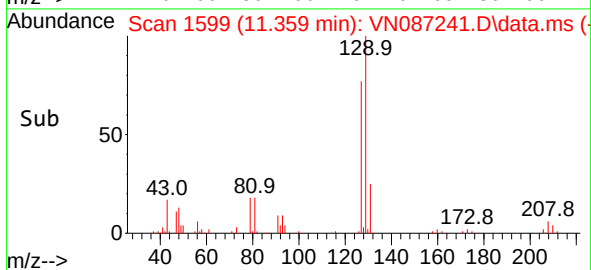
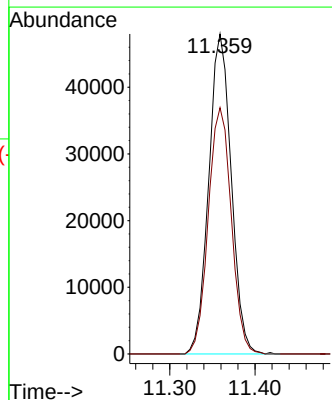
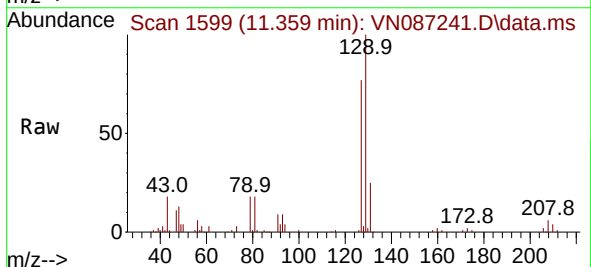
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

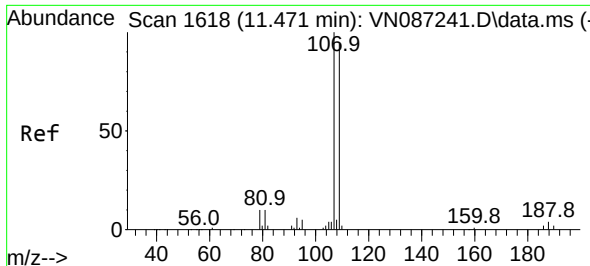
Tgt Ion: 43 Resp: 343264
Ion Ratio Lower Upper
43 100
58 62.2 31.1 93.3



#60
Dibromochloromethane
Concen: 49.940 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 129 Resp: 88005
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9

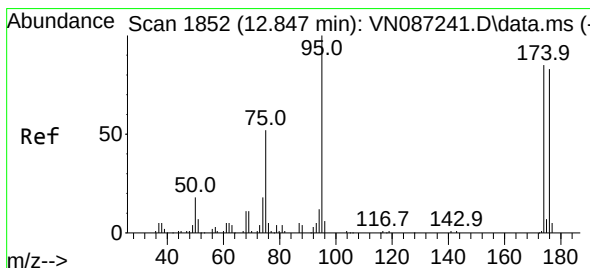
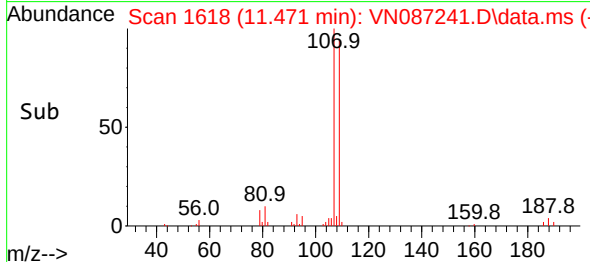
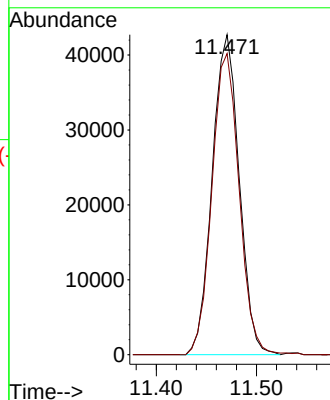
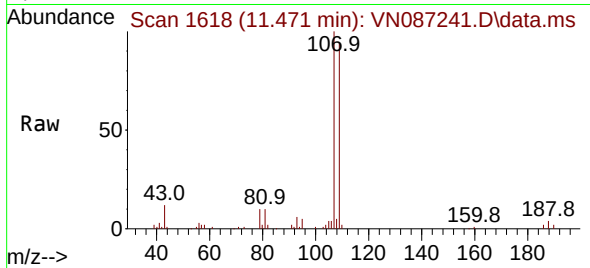




#61
1,2-Dibromoethane
Concen: 49.717 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

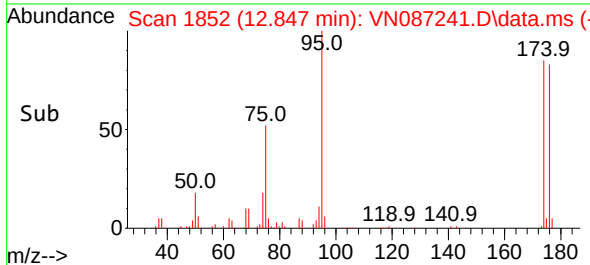
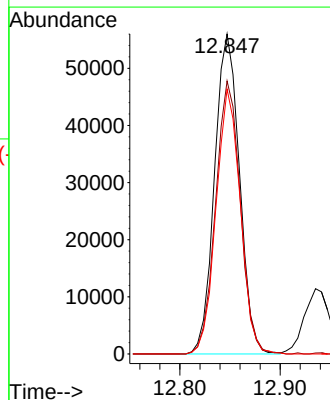
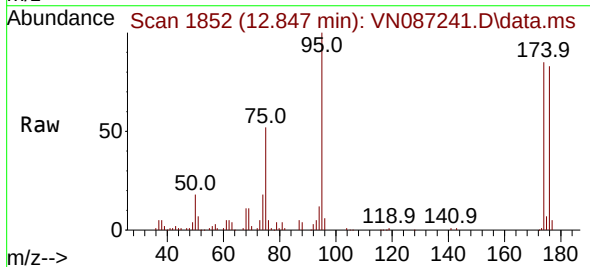
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

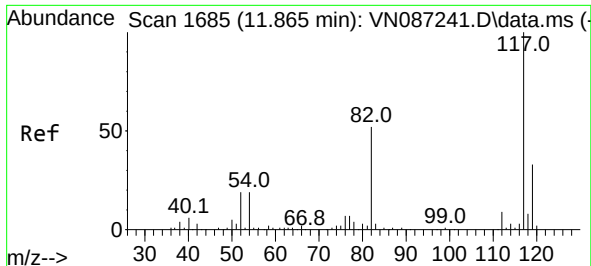
Tgt Ion:107 Resp: 79946
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 48.651 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 95 Resp: 96635
Ion Ratio Lower Upper
95 100
174 84.8 0.0 169.6
176 80.8 0.0 161.6

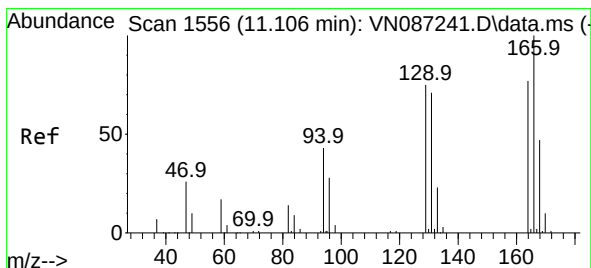
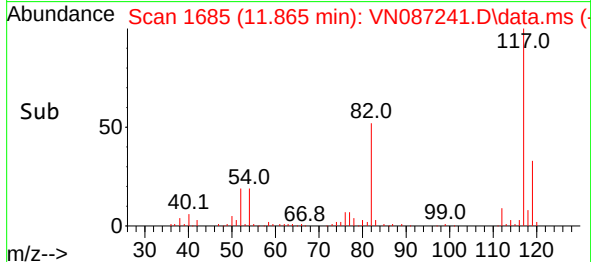
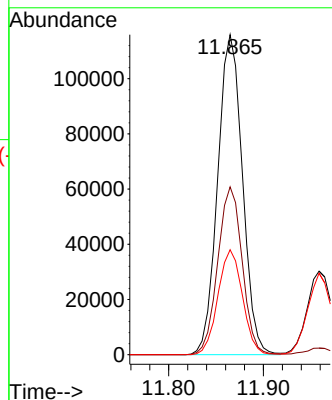
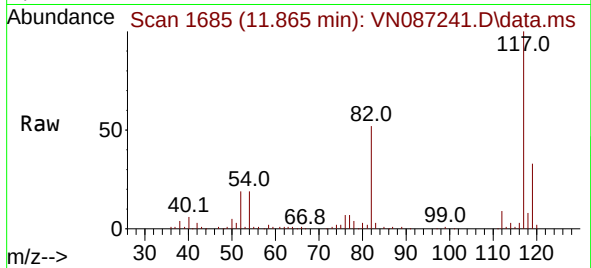




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

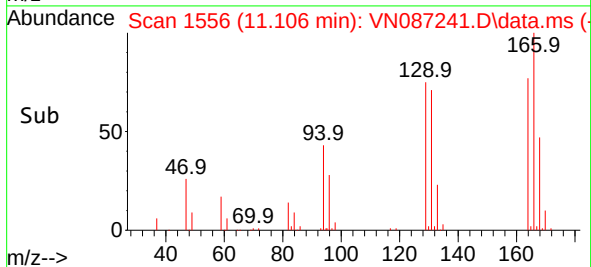
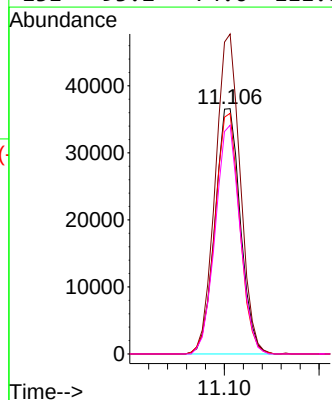
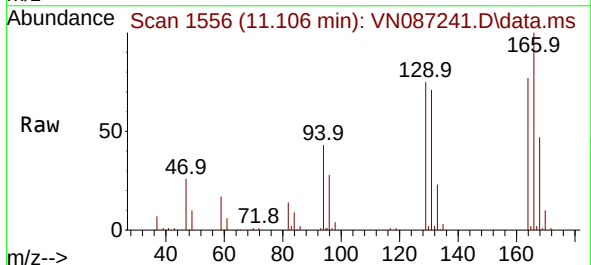
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

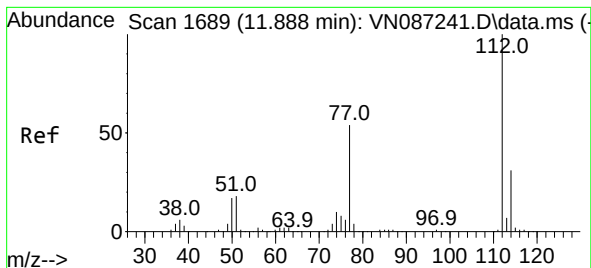
Tgt Ion:117 Resp: 210841
Ion Ratio Lower Upper
117 100
82 52.4 41.9 62.9
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 48.452 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion:164 Resp: 68113
Ion Ratio Lower Upper
164 100
166 130.4 104.3 156.5
129 98.1 78.5 117.7
131 93.2 74.6 111.8

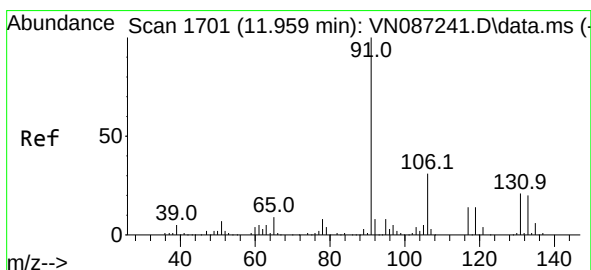
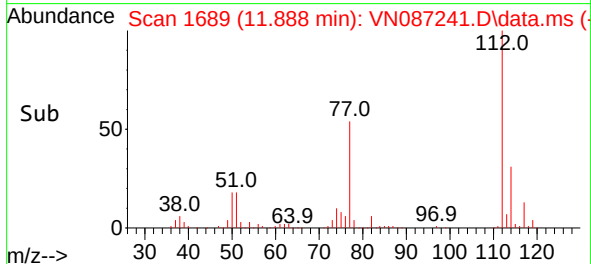
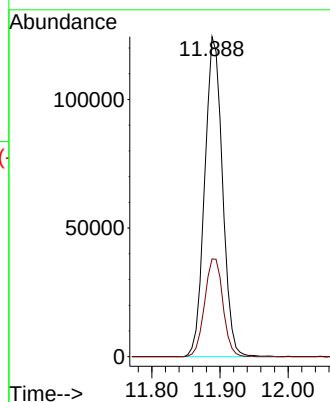
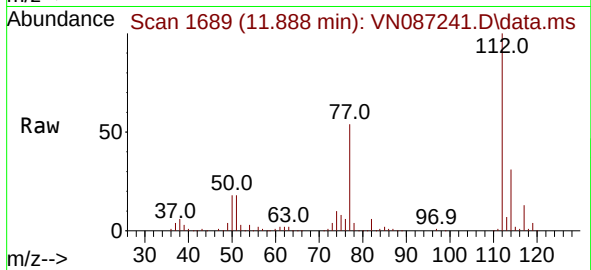




#65
Chlorobenzene
Concen: 47.715 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

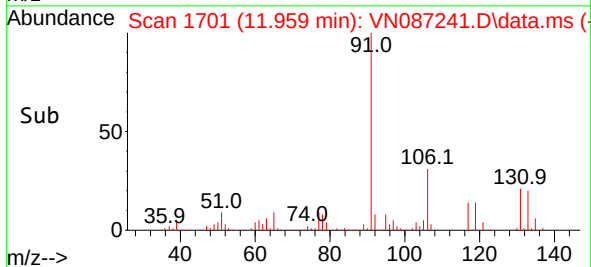
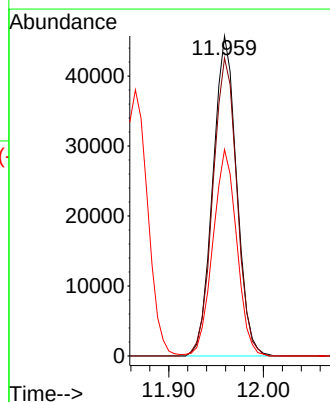
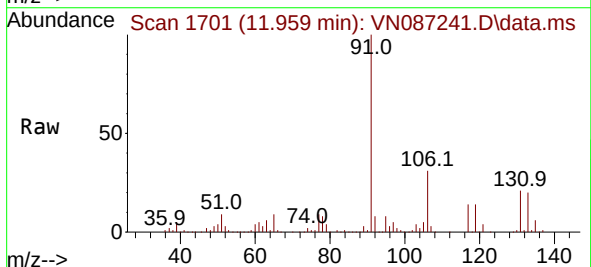
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

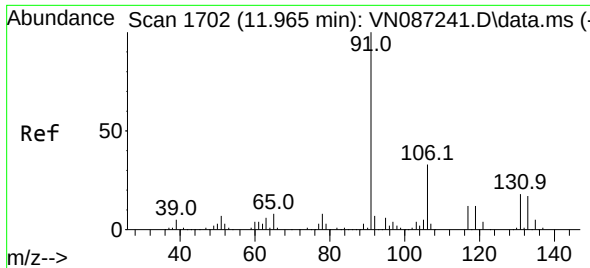
Tgt Ion:112 Resp: 225739
Ion Ratio Lower Upper
112 100
114 30.5 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.817 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion:131 Resp: 79746
Ion Ratio Lower Upper
131 100
133 94.4 47.2 141.6
119 64.8 32.4 97.2

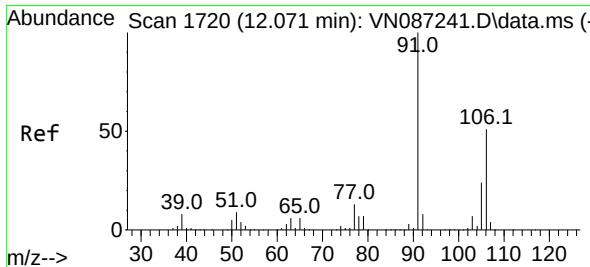
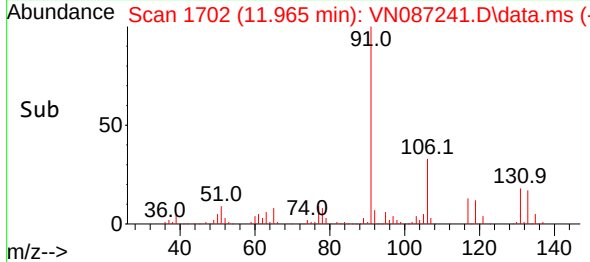
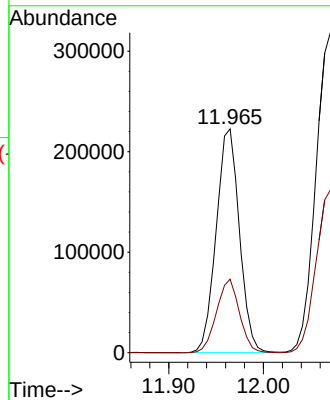
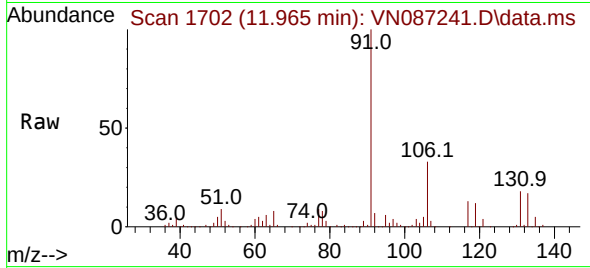




#67
Ethyl Benzene
Concen: 49.612 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

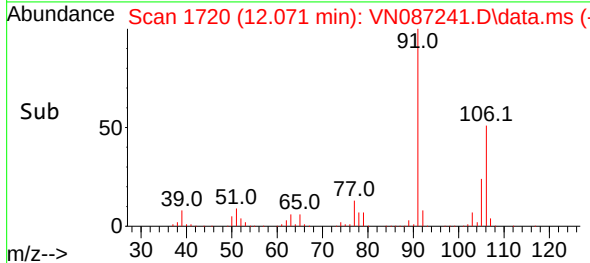
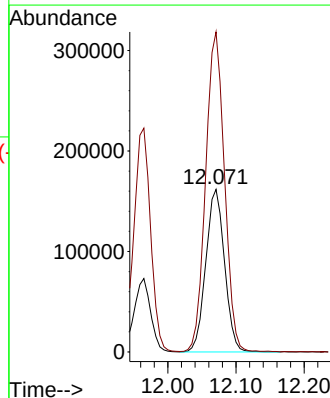
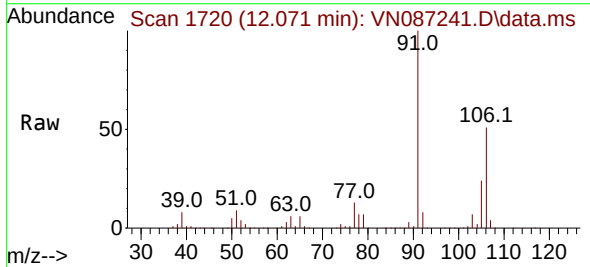
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

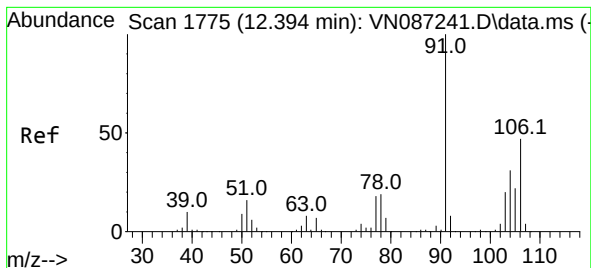
Tgt Ion: 91 Resp: 379801
Ion Ratio Lower Upper
91 100
106 32.8 26.2 39.4



#68
m/p-Xylenes
Concen: 101.195 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion:106 Resp: 309513
Ion Ratio Lower Upper
106 100
91 197.7 158.2 237.2





#69

o-Xylene

Concen: 51.247 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

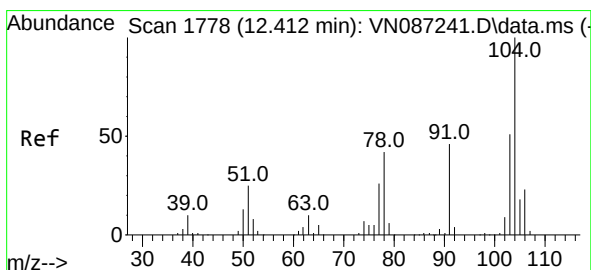
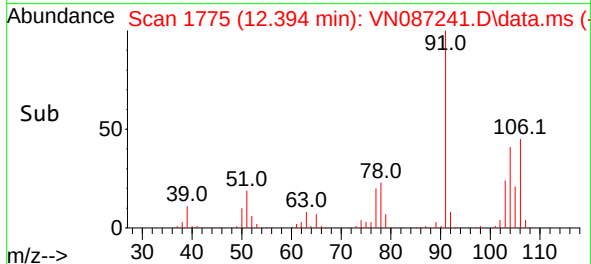
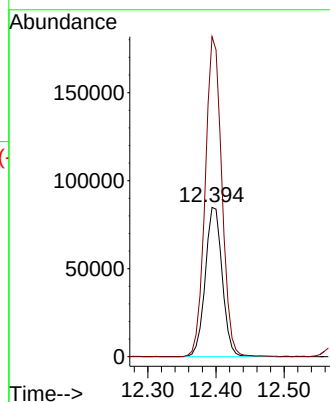
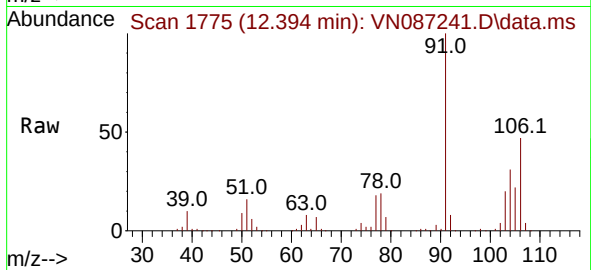
VSTDICCC050

Tgt Ion:106 Resp: 146624

Ion Ratio Lower Upper

106 100

91 210.7 105.4 316.1



#70

Styrene

Concen: 52.149 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

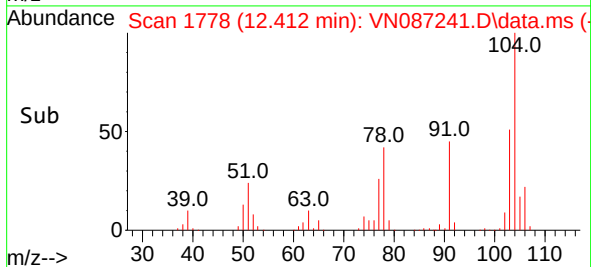
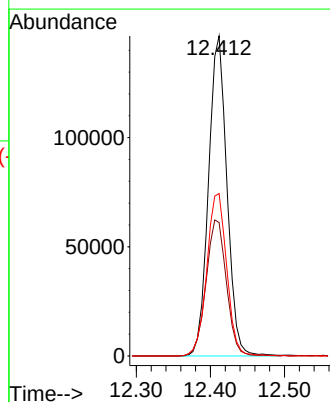
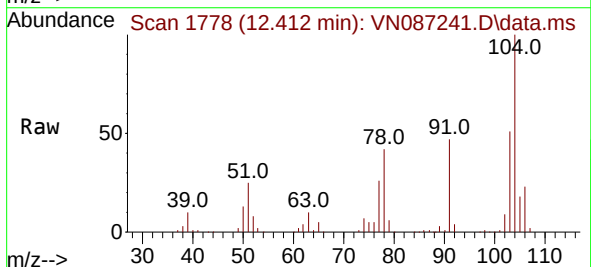
Tgt Ion:104 Resp: 253569

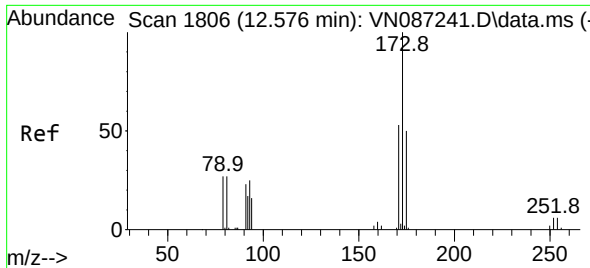
Ion Ratio Lower Upper

104 100

78 47.0 37.6 56.4

103 55.0 44.0 66.0

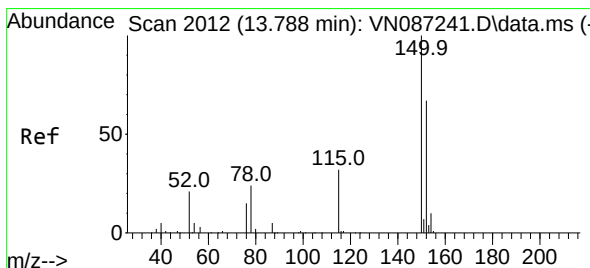
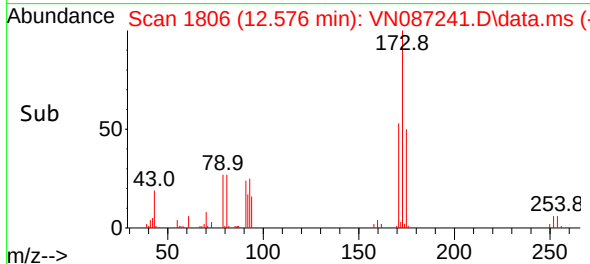
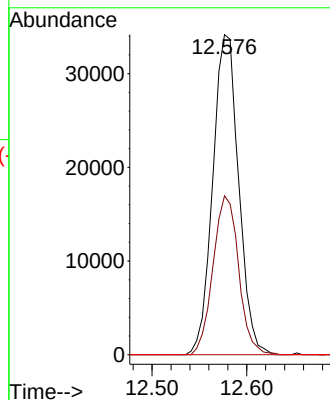
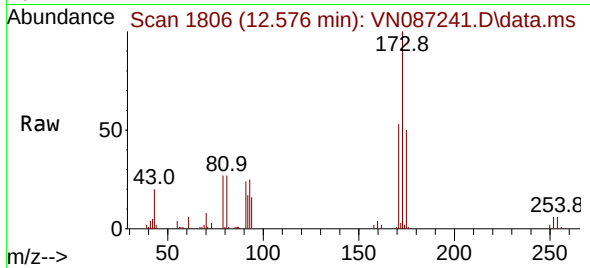




#71
Bromoform
Concen: 51.470 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

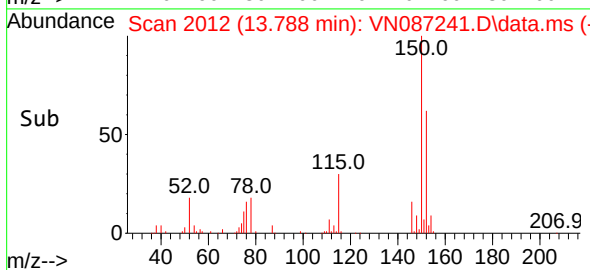
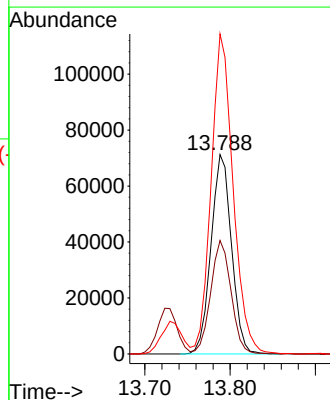
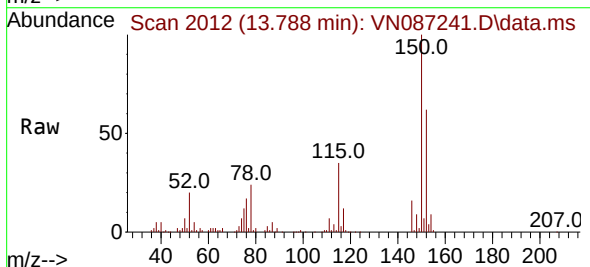
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

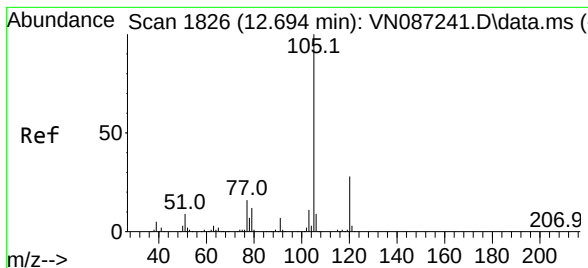
Tgt Ion:173 Resp: 64867
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion:152 Resp: 118875
Ion Ratio Lower Upper
152 100
115 56.6 28.3 84.9
150 172.3 0.0 344.6





#73

Isopropylbenzene

Concen: 48.795 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

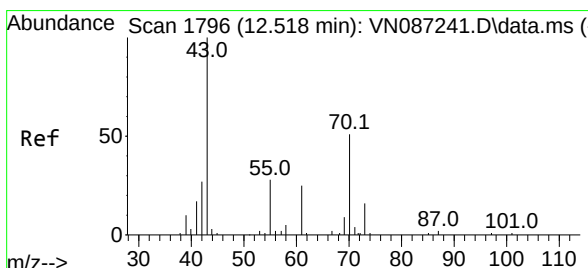
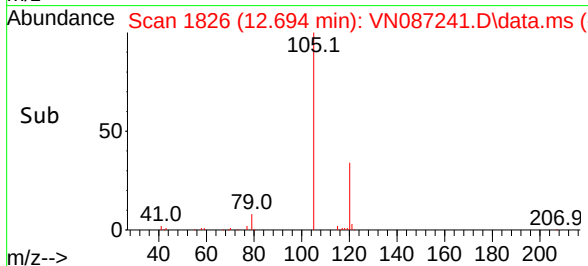
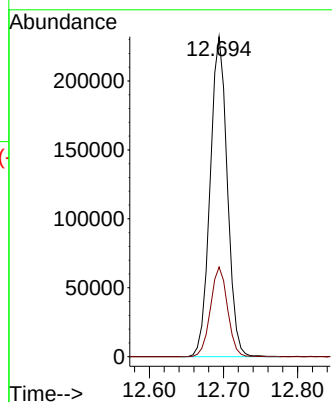
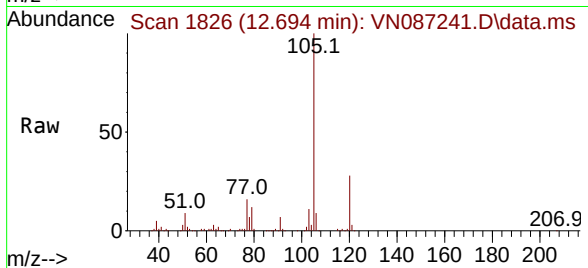
VSTDICCC050

Tgt Ion:105 Resp: 373752

Ion Ratio Lower Upper

105 100

120 27.7 13.9 41.6



#74

N-ethyl acetate

Concen: 37.828 ug/l

RT: 12.518 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Tgt Ion: 43 Resp: 98015

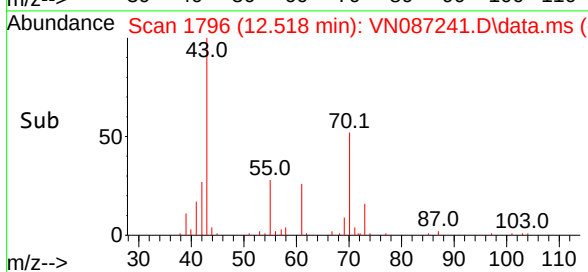
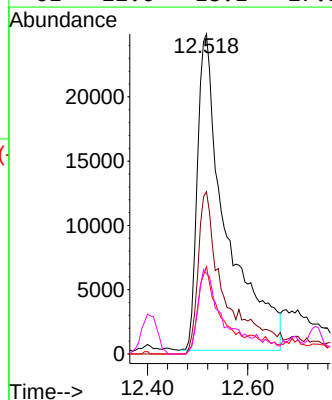
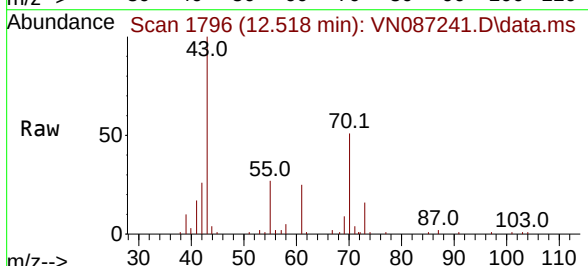
Ion Ratio Lower Upper

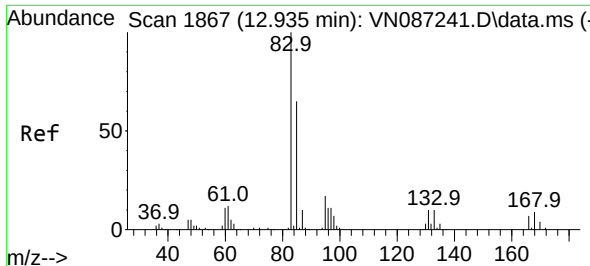
43 100

70 36.5 29.2 43.8

55 21.2 17.0 25.4

61 22.6 18.1 27.1

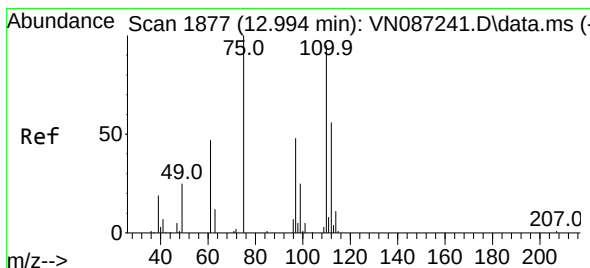
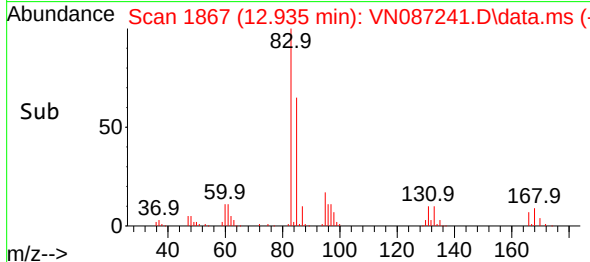
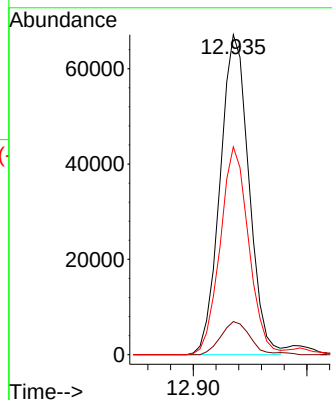
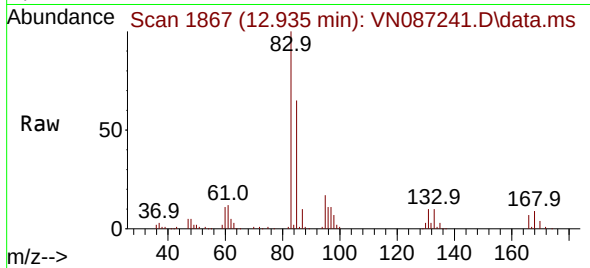




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.881 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

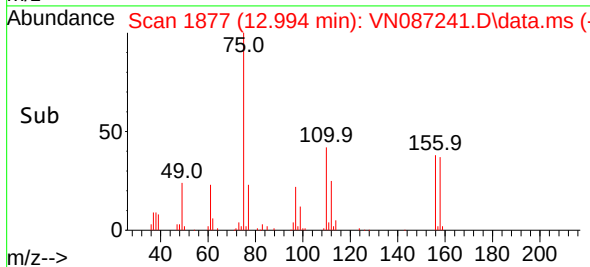
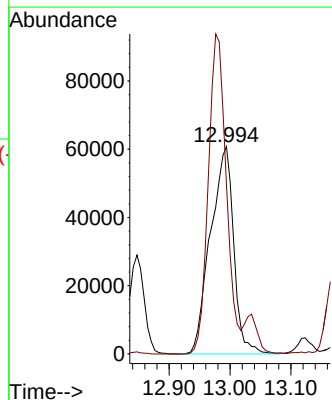
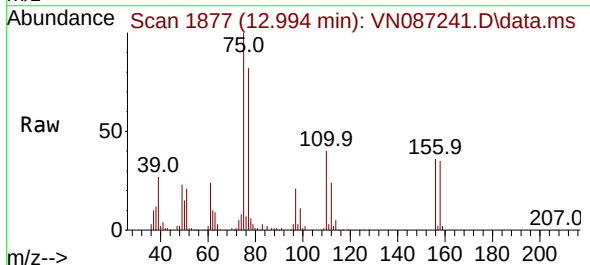
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

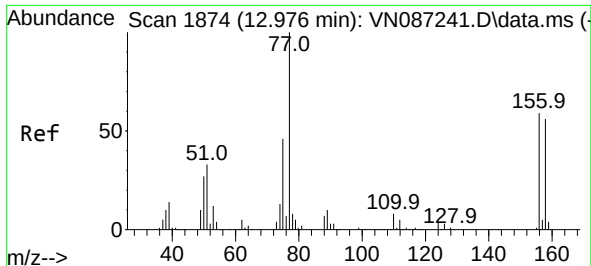
Tgt Ion: 83 Resp: 118115
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 15.9
 85 64.4 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 70.526 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

Tgt Ion: 75 Resp: 160786
 Ion Ratio Lower Upper
 75 100
 77 120.0 82.0 245.8

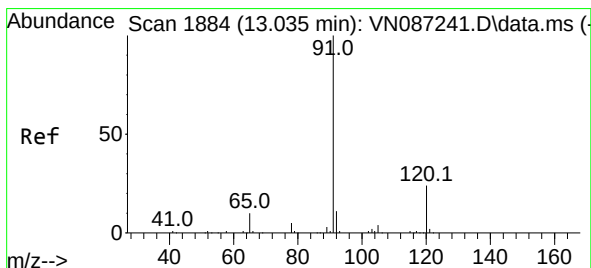
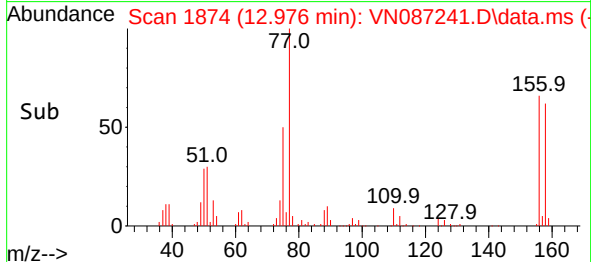
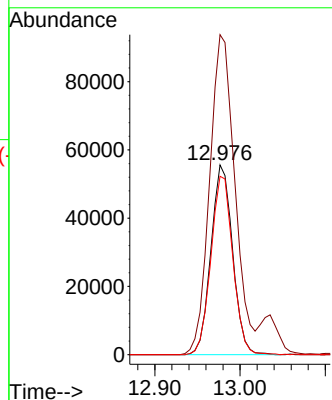
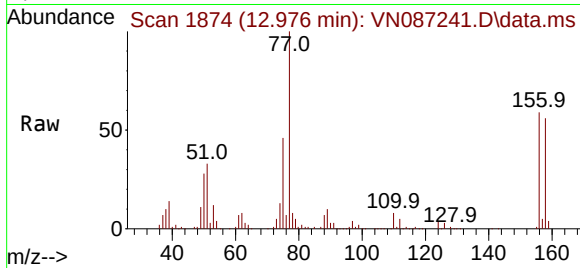




#77
 Bromobenzene
 Concen: 49.197 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

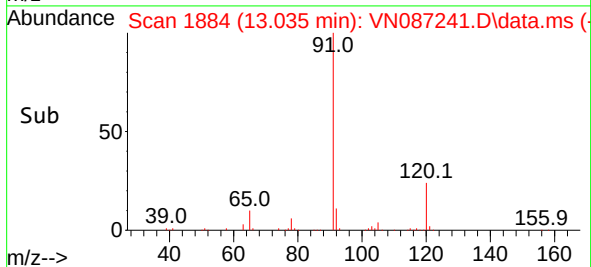
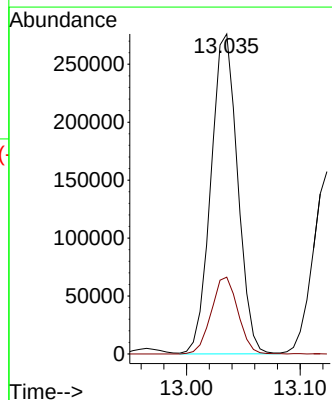
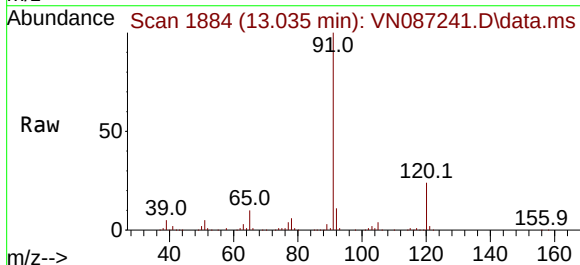
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

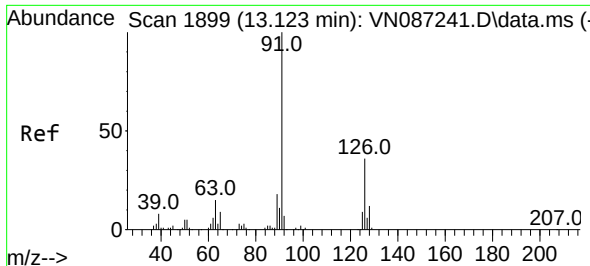
Tgt Ion:156 Resp: 98367
 Ion Ratio Lower Upper
 156 100
 77 196.1 98.0 294.1
 158 95.4 47.7 143.1



#78
 n-propylbenzene
 Concen: 48.767 ug/l
 RT: 13.035 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

Tgt Ion: 91 Resp: 451207
 Ion Ratio Lower Upper
 91 100
 120 24.0 12.0 36.0

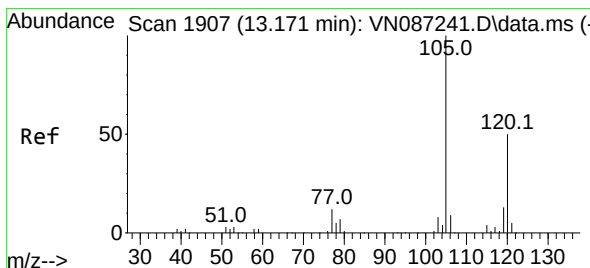
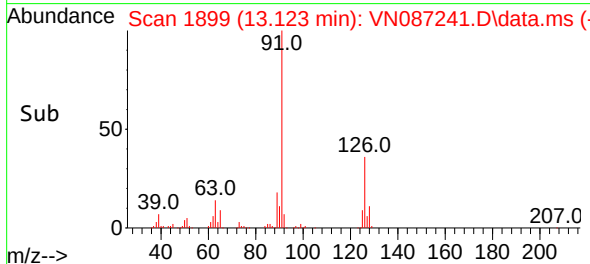
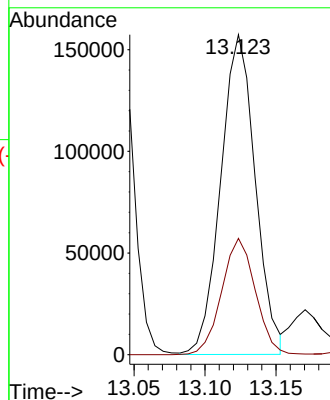
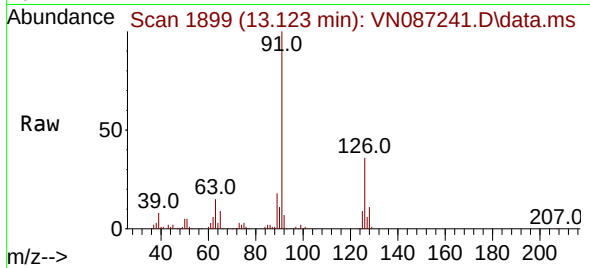




#79
2-Chlorotoluene
Concen: 48.335 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

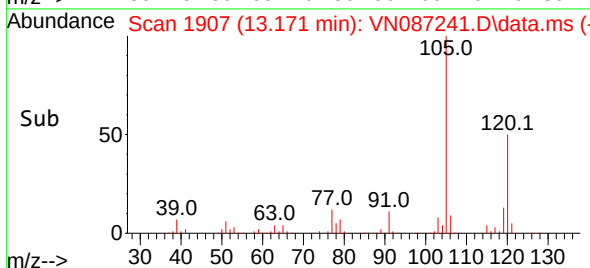
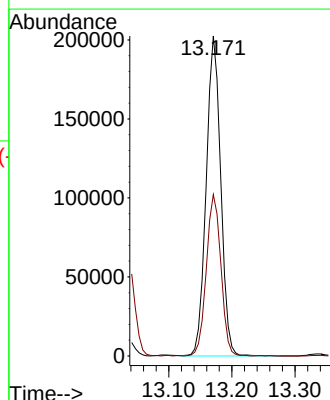
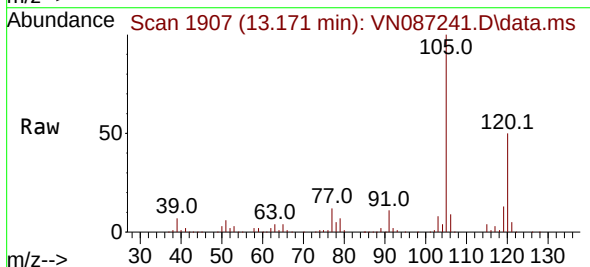
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

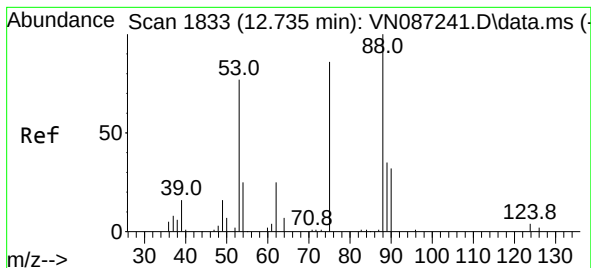
Tgt Ion: 91 Resp: 266153
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 50.465 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 105 Resp: 323098
Ion Ratio Lower Upper
105 100
120 50.5 25.3 75.8

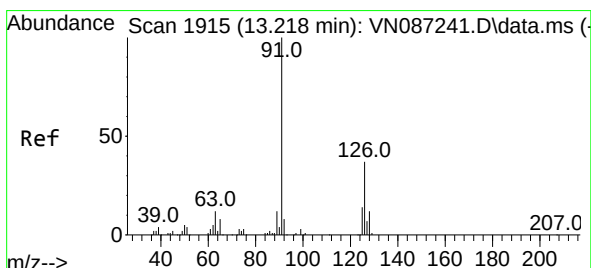
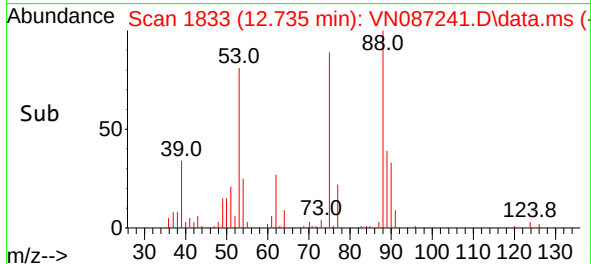
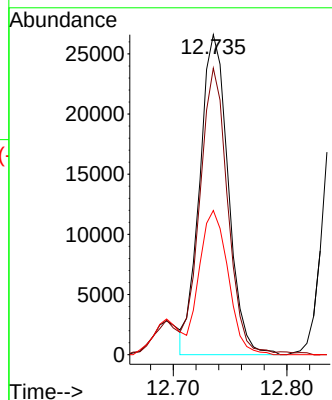
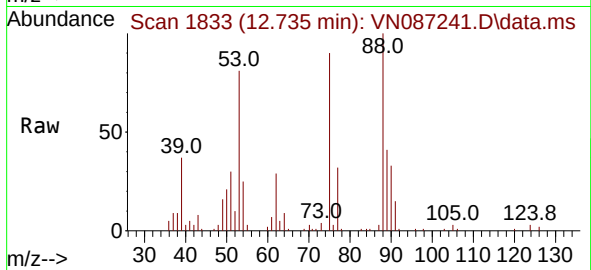




#81
trans-1,4-Dichloro-2-butene
Concen: 48.121 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

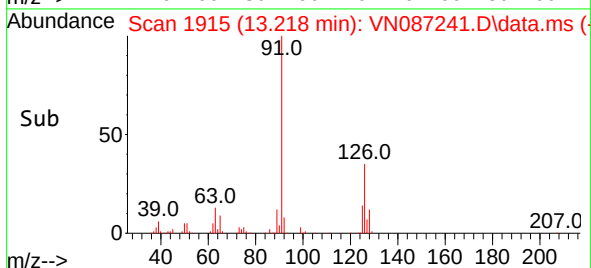
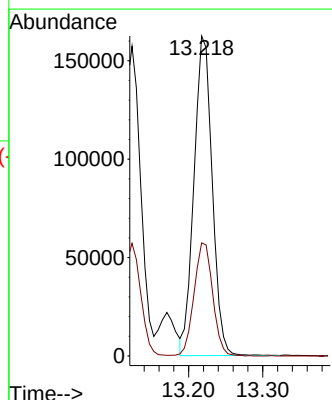
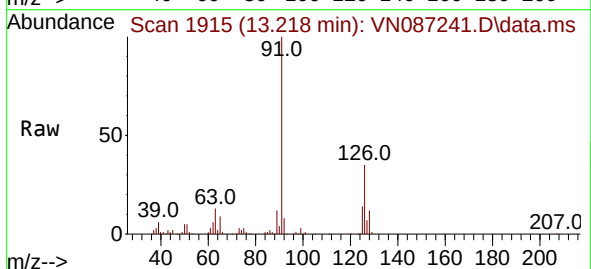
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

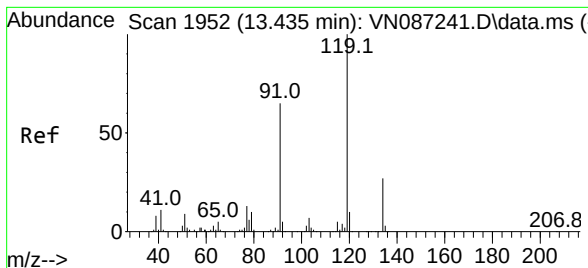
Tgt Ion: 75 Resp: 46322
Ion Ratio Lower Upper
75 100
53 88.2 70.6 105.8
89 45.1 36.1 54.1



#82
4-Chlorotoluene
Concen: 48.100 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 91 Resp: 277251
Ion Ratio Lower Upper
91 100
126 36.4 18.2 54.6

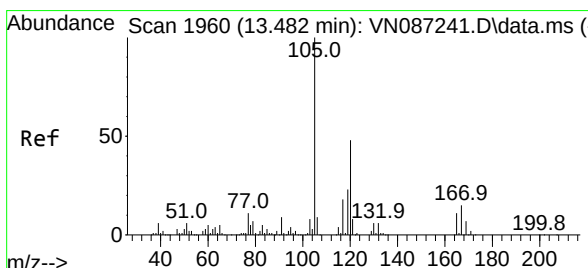
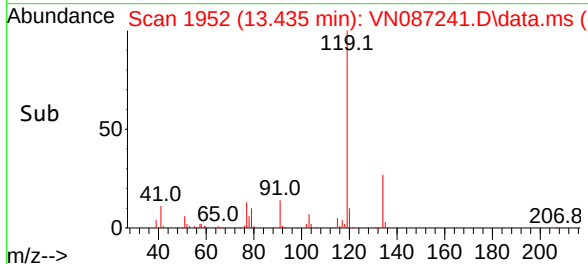
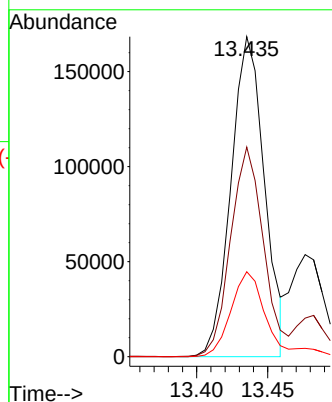
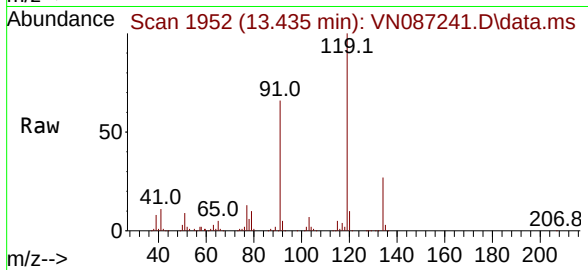




#83
tert-Butylbenzene
Concen: 49.205 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

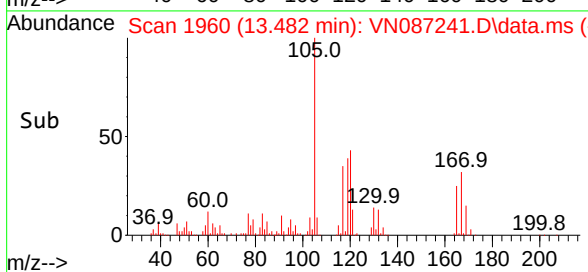
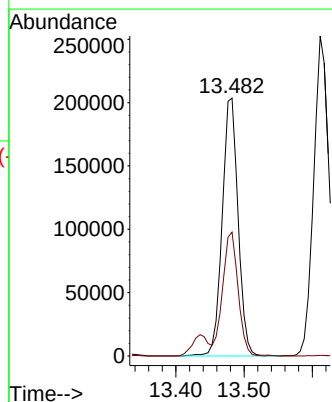
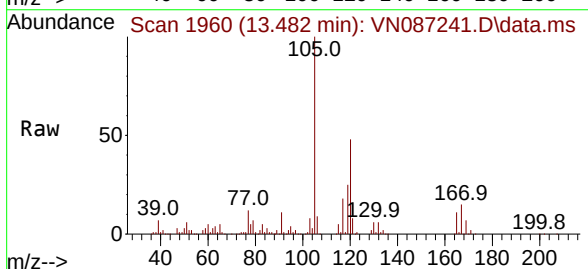
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

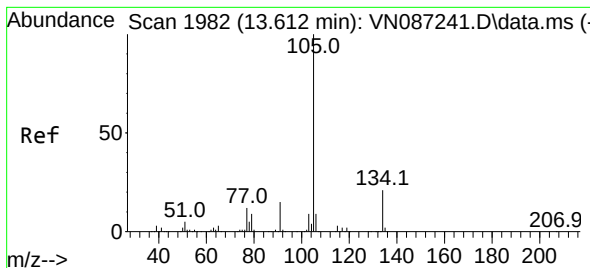
Tgt Ion:119 Resp: 276002
Ion Ratio Lower Upper
119 100
91 64.9 32.5 97.4
134 28.5 14.2 42.8



#84
1,2,4-Trimethylbenzene
Concen: 51.517 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion:105 Resp: 330399
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.9





#85

sec-Butylbenzene

Concen: 50.376 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

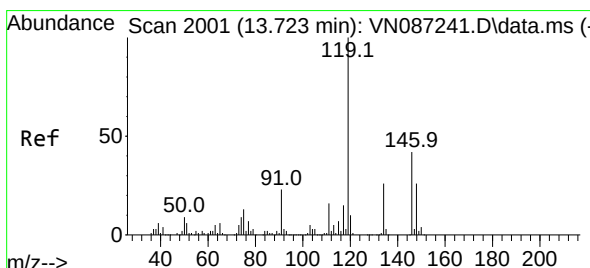
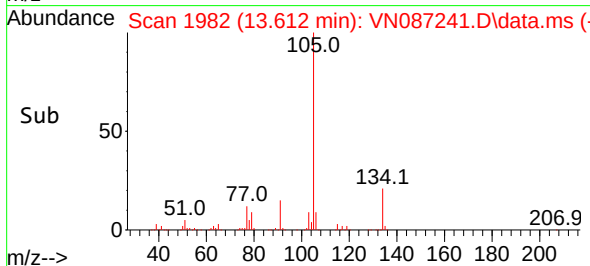
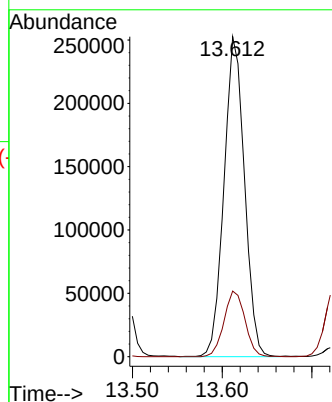
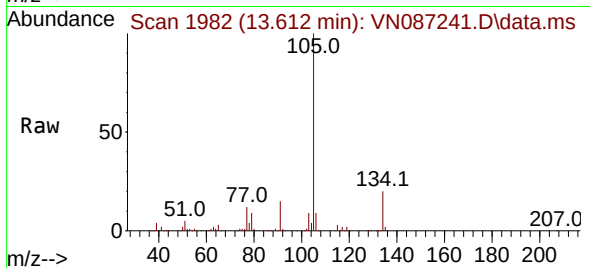
VSTDICCC050

Tgt Ion:105 Resp: 400536

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 51.115 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

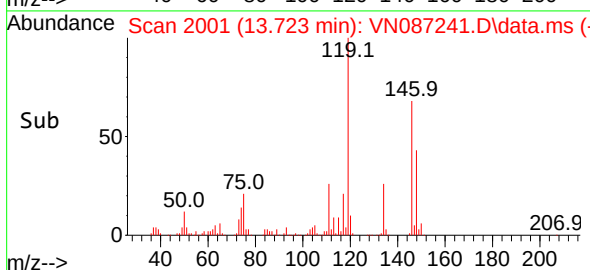
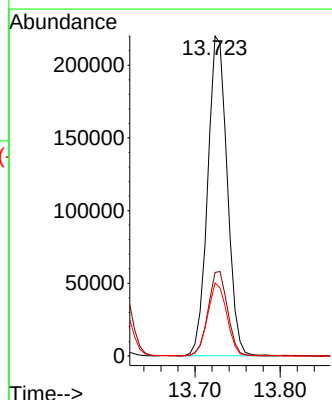
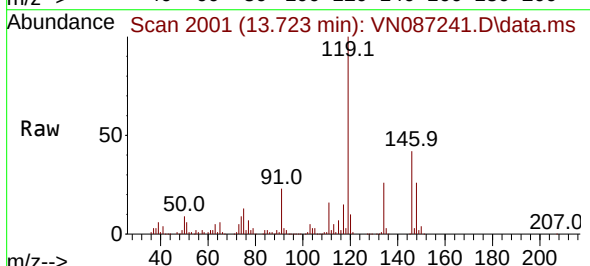
Tgt Ion:119 Resp: 349337

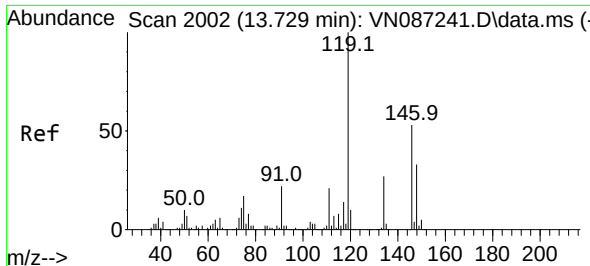
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.6 11.3 33.9

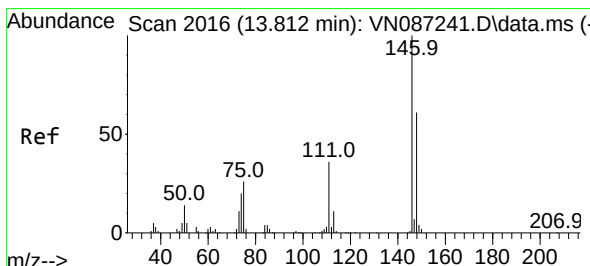
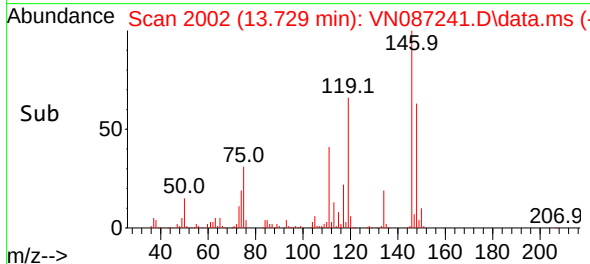
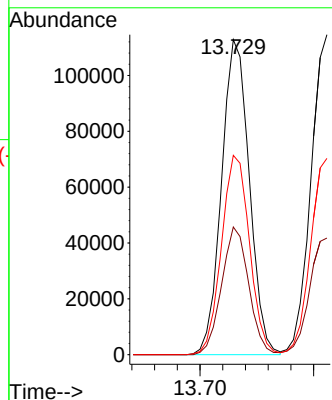
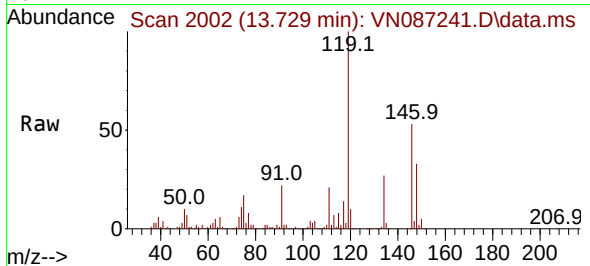




#87
 1,3-Dichlorobenzene
 Concen: 48.104 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

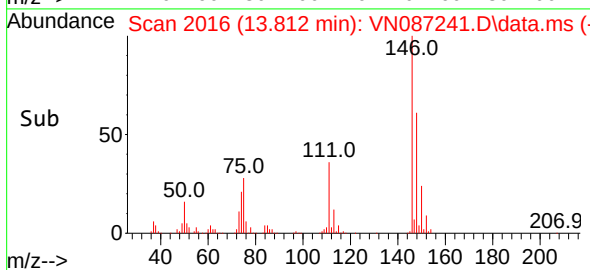
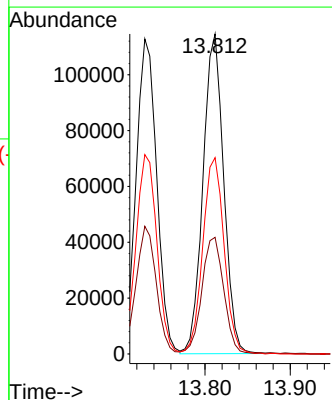
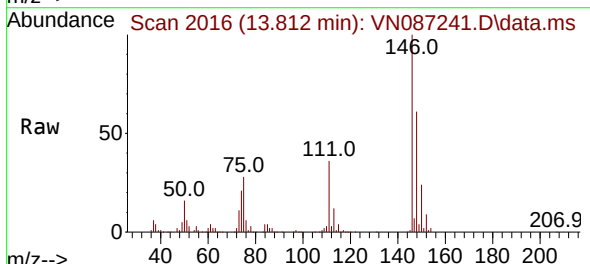
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

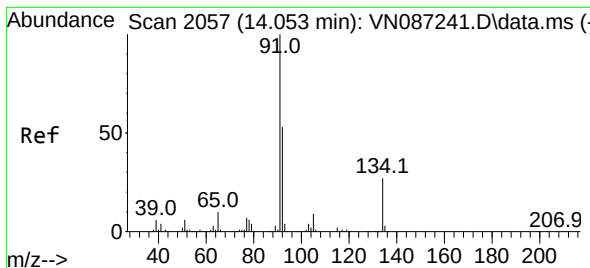
Tgt Ion:146 Resp: 191544
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 46.452 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN087241.D
 Acq: 30 Jun 2025 14:09

Tgt Ion:146 Resp: 193132
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 50.147 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN087241.D

Acq: 30 Jun 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

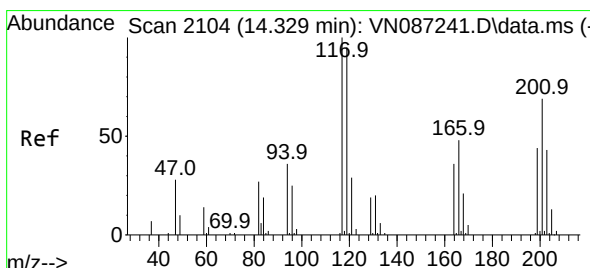
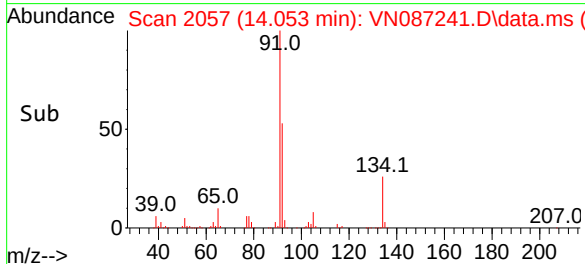
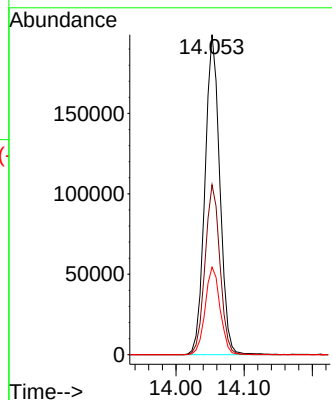
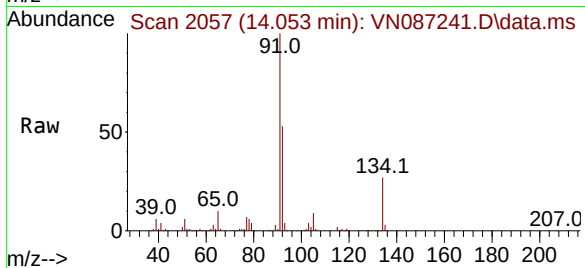
Tgt Ion: 91 Resp: 301749

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

134 27.4 13.7 41.1



#90

Hexachloroethane

Concen: 48.503 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN087241.D

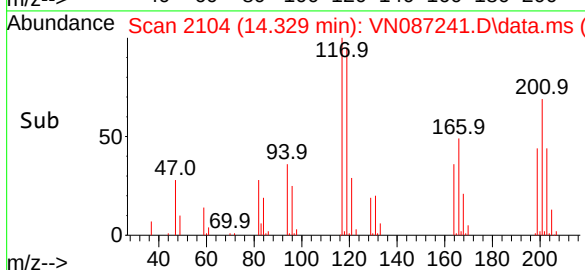
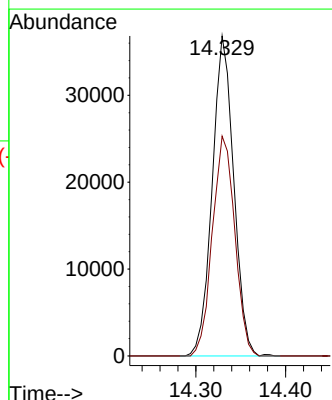
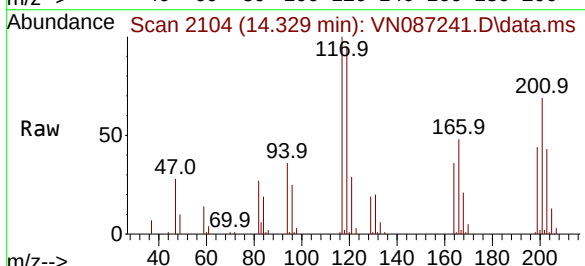
Acq: 30 Jun 2025 14:09

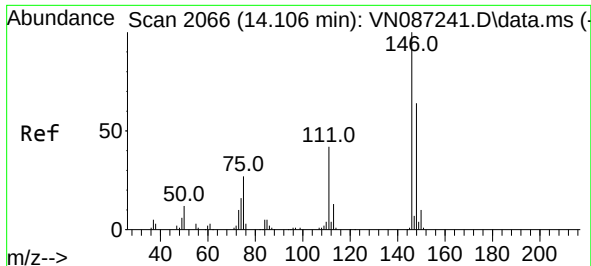
Tgt Ion: 117 Resp: 61358

Ion Ratio Lower Upper

117 100

201 71.6 35.8 107.4

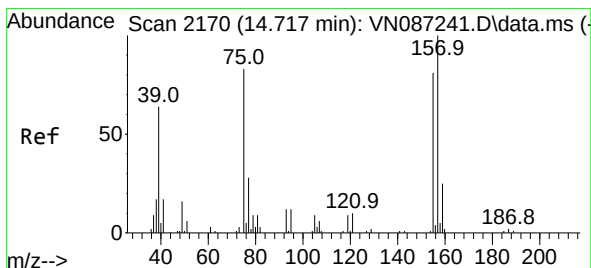
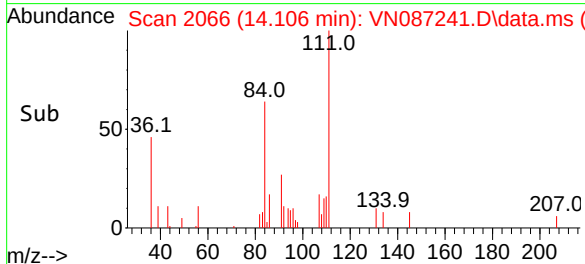
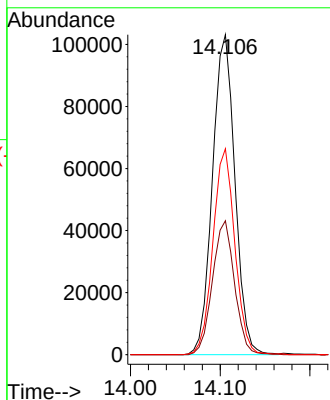
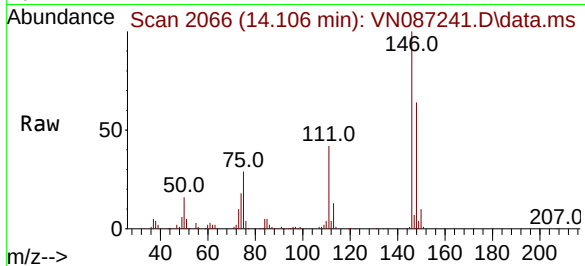




#91
1,2-Dichlorobenzene
Concen: 48.140 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

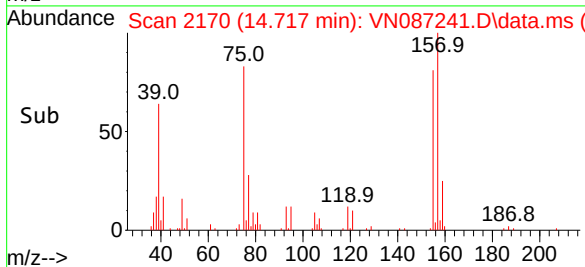
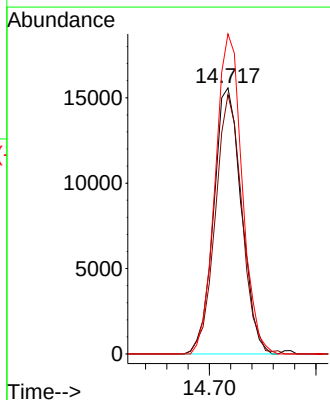
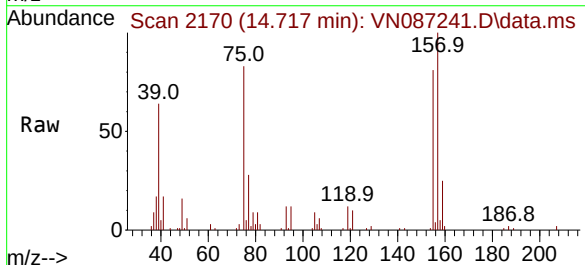
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

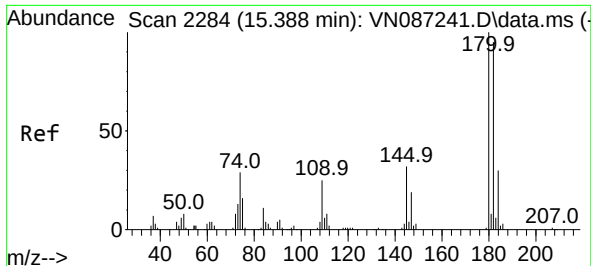
Tgt Ion:146 Resp: 179275
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 62.9 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.543 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 75 Resp: 28180
Ion Ratio Lower Upper
75 100
155 93.5 46.8 140.3
157 116.3 58.1 174.4

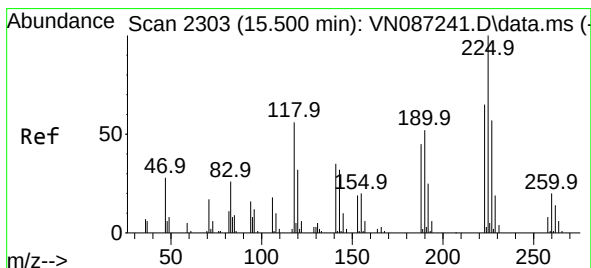
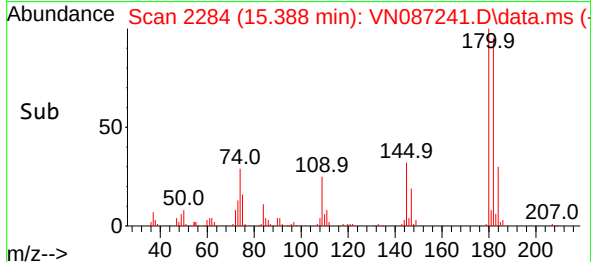
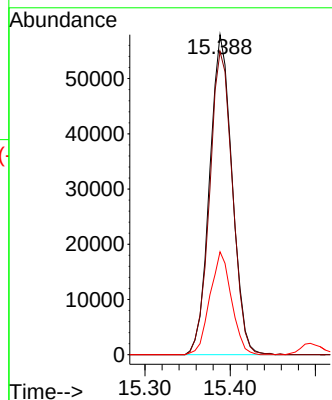
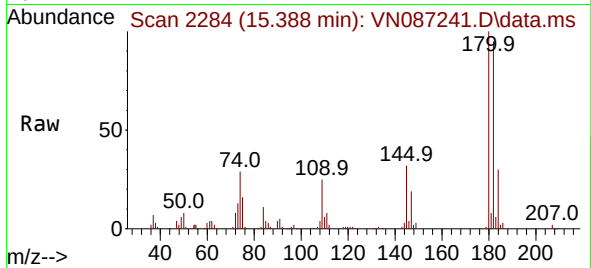




#93
1,2,4-Trichlorobenzene
Concen: 48.238 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

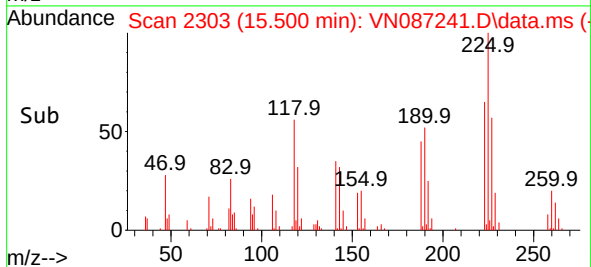
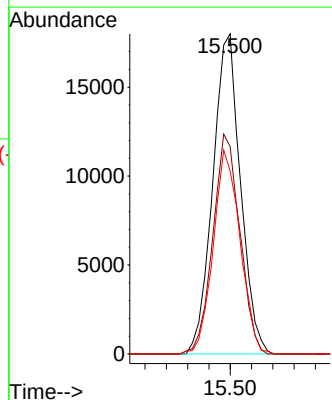
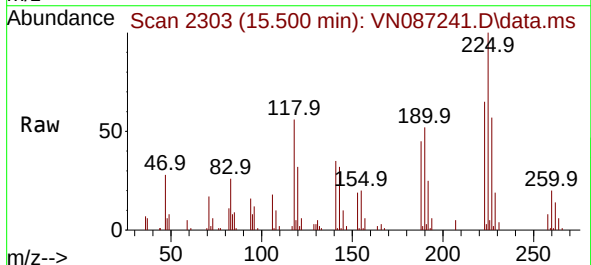
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

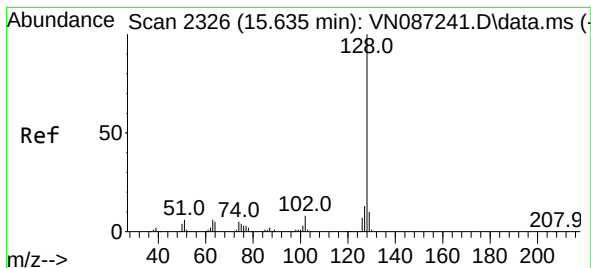
Tgt Ion:180 Resp: 106230
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 30.8 15.4 46.2



#94
Hexachlorobutadiene
Concen: 46.347 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion:225 Resp: 32422
Ion Ratio Lower Upper
225 100
223 66.9 33.5 100.4
227 61.8 30.9 92.7

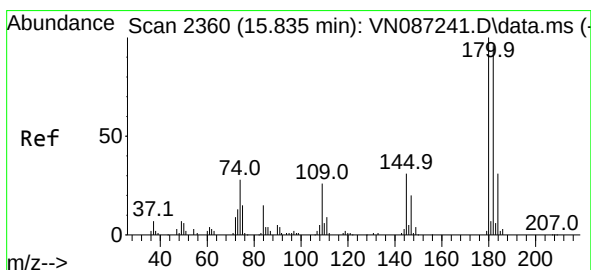
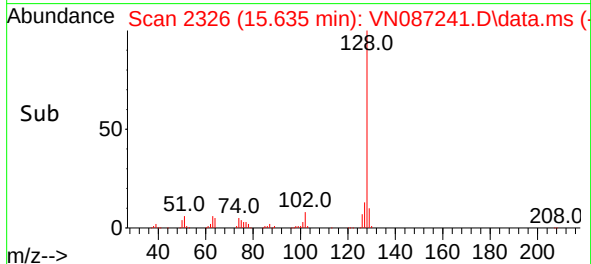
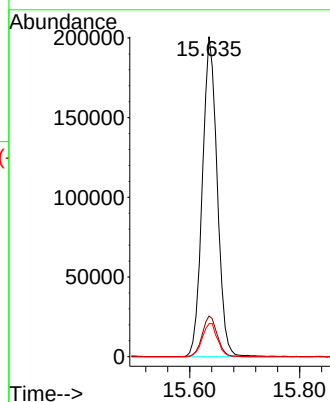
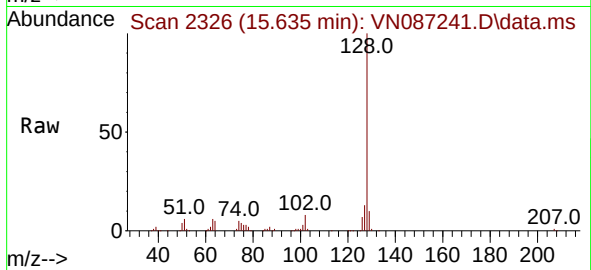




#95
Naphthalene
Concen: 49.345 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 375959
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.511 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087241.D
Acq: 30 Jun 2025 14:09

Tgt Ion:180 Resp: 104078
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 31.4 15.7 47.1

