

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087331.D
 Acq On : 16 Jul 2025 18:11
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 17 02:19:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	182792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	325711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	300150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	158477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	146559	47.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.500%
35) Dibromofluoromethane	8.147	113	108271	48.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	10.547	98	398776	49.757	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.829	95	148158	50.037	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	113853	58.643	ug/l	100
3) Chloromethane	2.383	50	126054	51.631	ug/l	100
4) Vinyl Chloride	2.542	62	132985	54.810	ug/l	100
5) Bromomethane	2.971	94	64982	51.719	ug/l	100
6) Chloroethane	3.130	64	80606	50.942	ug/l	100
7) Trichlorofluoromethane	3.506	101	187302	52.206	ug/l	100
8) Diethyl Ether	3.959	74	72151	51.843	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	95895	52.068	ug/l	100
10) Methyl Iodide	4.577	142	90277	47.912	ug/l	100
11) Tert butyl alcohol	5.524	59	146939	249.504	ug/l	100
12) 1,1-Dichloroethene	4.330	96	99569	47.708	ug/l	100
13) Acrolein	4.177	56	110711	234.247	ug/l	100
14) Allyl chloride	5.012	41	183089	48.475	ug/l	100
15) Acrylonitrile	5.712	53	414273	259.227	ug/l	100
16) Acetone	4.424	43	353373	240.328	ug/l	100
17) Carbon Disulfide	4.694	76	316833	51.205	ug/l	100
18) Methyl Acetate	5.012	43	181199	49.594	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	396133	51.495	ug/l	100
20) Methylene Chloride	5.259	84	122921	50.001	ug/l	100
21) trans-1,2-Dichloroethene	5.771	96	119278	50.687	ug/l	100
22) Diisopropyl ether	6.665	45	417843	52.740	ug/l	100
23) Vinyl Acetate	6.588	43	1931809	278.796	ug/l	100
24) 1,1-Dichloroethane	6.553	63	223298	48.853	ug/l	100
25) 2-Butanone	7.471	43	588032	261.702	ug/l	100
26) 2,2-Dichloropropane	7.471	77	179431	50.492	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	140194	51.746	ug/l	100
28) Bromochloromethane	7.800	49	108748	49.713	ug/l	100
29) Tetrahydrofuran	7.829	42	388704	266.294	ug/l	100
30) Chloroform	7.953	83	233747	51.092	ug/l	100
31) Cyclohexane	8.241	56	191116	50.122	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	198135	50.002	ug/l	100
36) 1,1-Dichloropropene	8.353	75	158563	53.418	ug/l	100
37) Ethyl Acetate	7.547	43	230005	53.652	ug/l	100
38) Carbon Tetrachloride	8.347	117	168403	51.501	ug/l	100
39) Methylcyclohexane	9.582	83	172297	53.614	ug/l	100
40) Benzene	8.594	78	505723	52.714	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087331.D
 Acq On : 16 Jul 2025 18:11
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 17 02:19:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	119895	53.486	ug/l	100
42) 1,2-Dichloroethane	8.653	62	184670	50.759	ug/l	100
43) Isopropyl Acetate	8.677	43	348709	52.399	ug/l	100
44) Trichloroethene	9.335	130	115974	51.160	ug/l	100
45) 1,2-Dichloropropane	9.606	63	128530	52.726	ug/l	100
46) Dibromomethane	9.688	93	94179	51.601	ug/l	100
47) Bromodichloromethane	9.871	83	185222	50.382	ug/l	100
48) Methyl methacrylate	9.665	41	164476	54.899	ug/l	100
49) 1,4-Dioxane	9.682	88	52072	1134.802	ug/l #	100
51) 4-Methyl-2-Pentanone	10.429	43	1122857	266.771	ug/l	100
52) Toluene	10.612	92	313806	53.814	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	202129	54.327	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	205720	53.529	ug/l	100
55) 1,1,2-Trichloroethane	11.000	97	119612	50.666	ug/l	100
56) Ethyl methacrylate	10.859	69	204376	51.427	ug/l	100
57) 1,3-Dichloropropane	11.141	76	213343	52.267	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	562790	290.607	ug/l	100
59) 2-Hexanone	11.182	43	806824	288.920	ug/l	100
60) Dibromochloromethane	11.341	129	139955	51.982	ug/l	100
61) 1,2-Dibromoethane	11.453	107	125416	50.525	ug/l	100
64) Tetrachloroethene	11.088	164	96176	49.786	ug/l	100
65) Chlorobenzene	11.870	112	335833	49.837	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	117833	51.425	ug/l	100
67) Ethyl Benzene	11.947	91	582851	52.540	ug/l	100
68) m/p-Xylenes	12.053	106	455017	109.536	ug/l	100
69) o-Xylene	12.376	106	217121	54.717	ug/l	100
70) Styrene	12.394	104	376745	56.440	ug/l	100
71) Bromoform	12.559	173	98549	53.237	ug/l #	100
73) Isopropylbenzene	12.676	105	538245	53.964	ug/l	100
74) N-amyl acetate	12.494	43	163321	41.939	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.917	83	191273	50.964	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	258231	73.446	ug/l	54
77) Bromobenzene	12.959	156	137669	53.221	ug/l	100
78) n-propylbenzene	13.017	91	680506	54.227	ug/l	100
79) 2-Chlorotoluene	13.106	91	401444	52.051	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	464063	54.607	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	63993	49.271	ug/l	100
82) 4-Chlorotoluene	13.200	91	419474	52.240	ug/l	100
83) tert-Butylbenzene	13.417	119	383986	54.099	ug/l	100
84) 1,2,4-Trimethylbenzene	13.464	105	475982	54.846	ug/l	100
85) sec-Butylbenzene	13.594	105	565038	52.851	ug/l	100
86) p-Isopropyltoluene	13.706	119	473942	55.316	ug/l	100
87) 1,3-Dichlorobenzene	13.711	146	262675	51.740	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	269881	49.773	ug/l	100
89) n-Butylbenzene	14.035	91	437514	53.478	ug/l	100
90) Hexachloroethane	14.311	117	91313	50.301	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	249988	51.977	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	47931	48.643	ug/l	100
93) 1,2,4-Trichlorobenzene	15.370	180	148472	52.553	ug/l	100
94) Hexachlorobutadiene	15.476	225	52130	49.659	ug/l	100
95) Naphthalene	15.617	128	545367	54.490	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	146080	51.547	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087331.D
Acq On : 16 Jul 2025 18:11
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

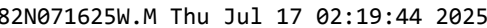
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

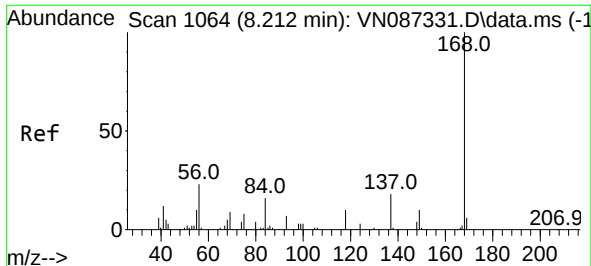
Quant Time: Jul 17 02:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

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

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

Quant Time: Jul 17 02:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

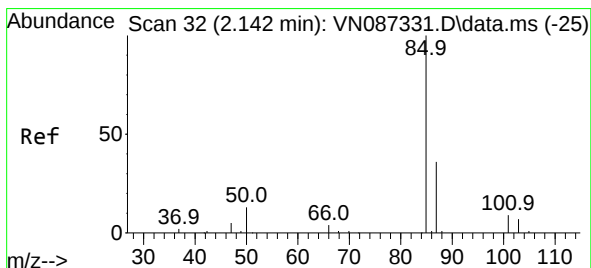
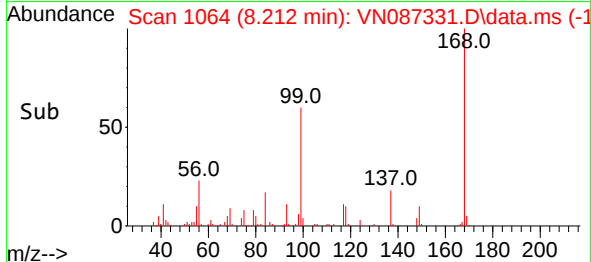
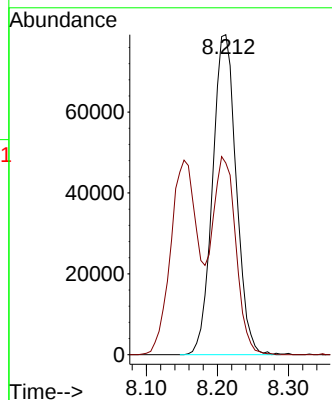
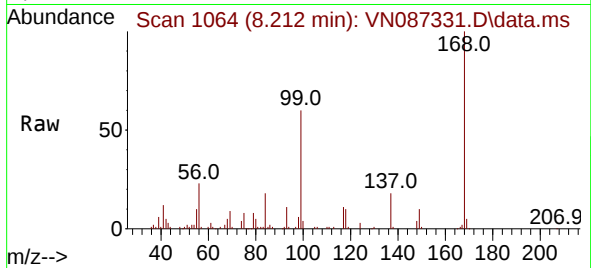




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

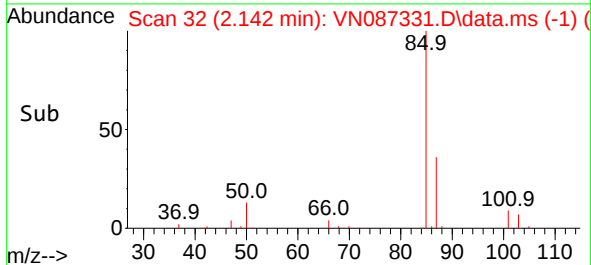
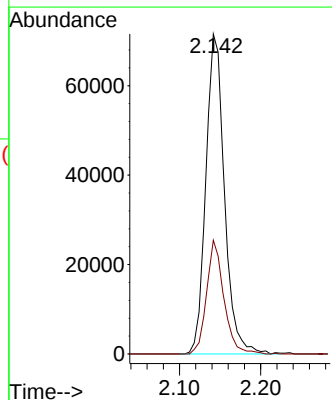
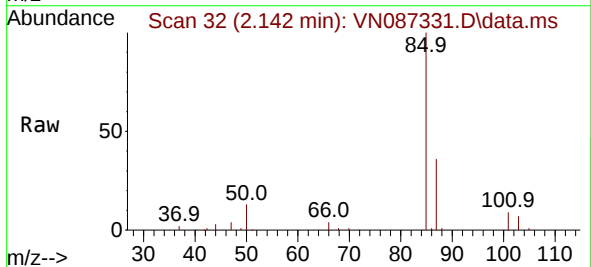
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

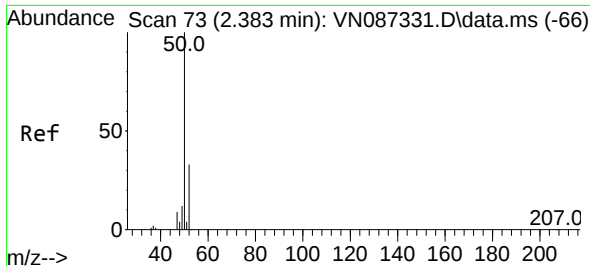
Tgt Ion:168 Resp: 182792
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 58.643 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 85 Resp: 113853
Ion Ratio Lower Upper
85 100
87 35.5 17.8 53.3

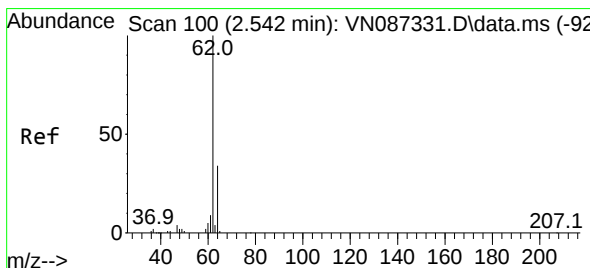
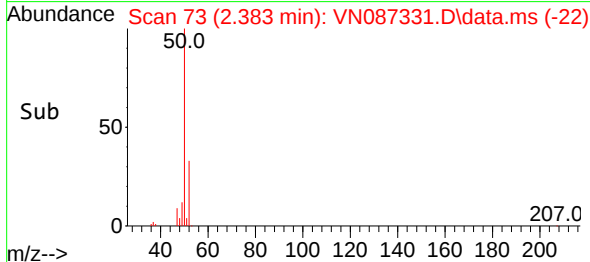
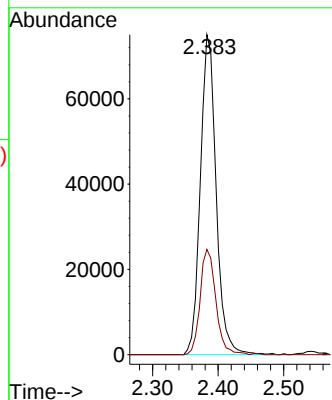
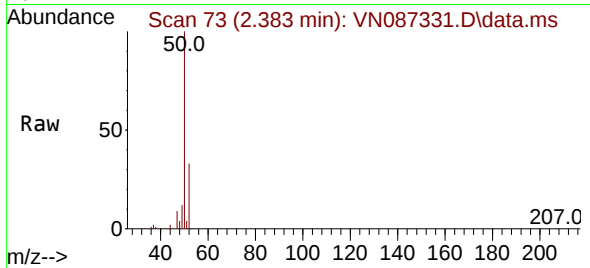




#3
Chloromethane
Concen: 51.631 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

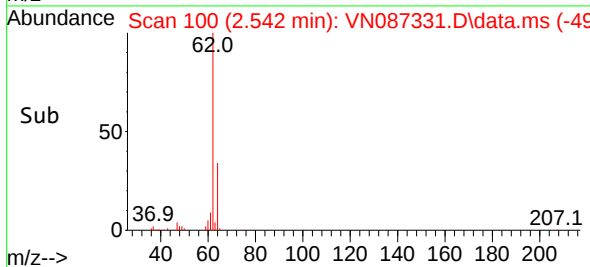
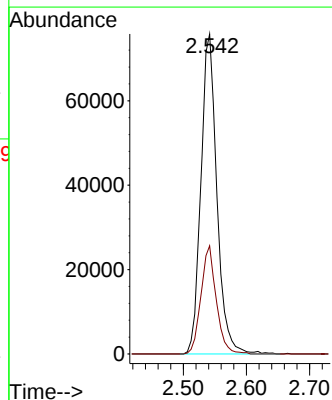
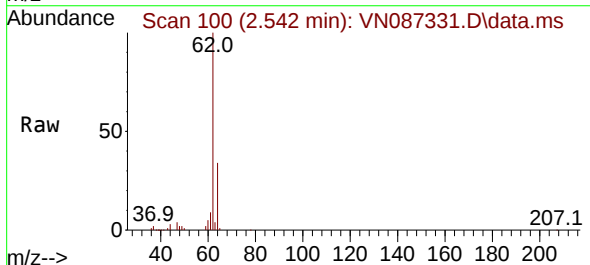
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

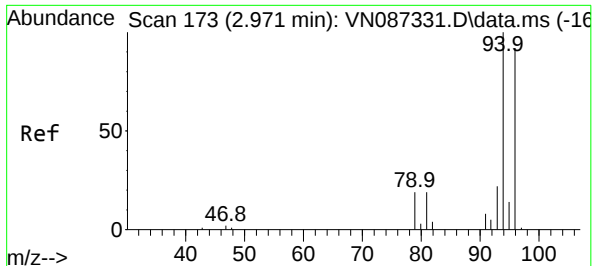
Tgt Ion: 50 Resp: 126054
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5



#4
Vinyl Chloride
Concen: 54.810 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 62 Resp: 132985
Ion Ratio Lower Upper
62 100
64 33.8 27.0 40.6

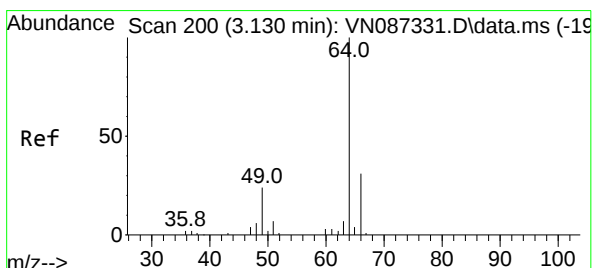
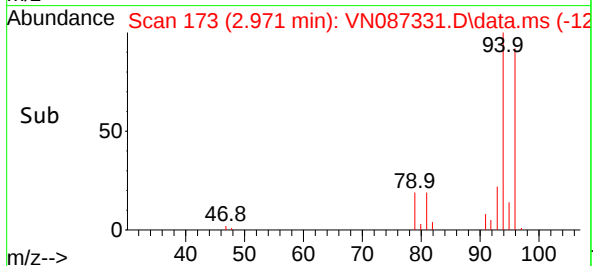
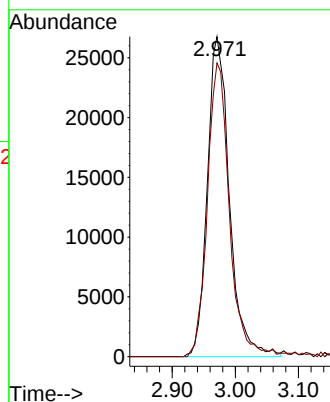
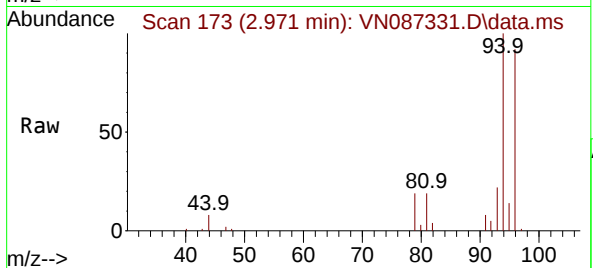




#5
Bromomethane
Concen: 51.719 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

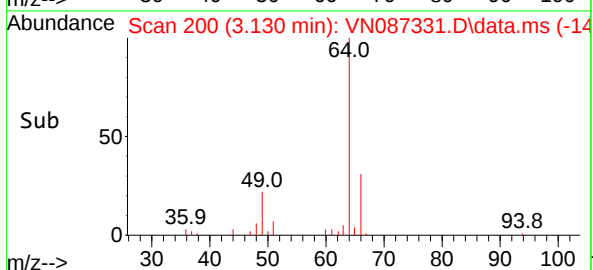
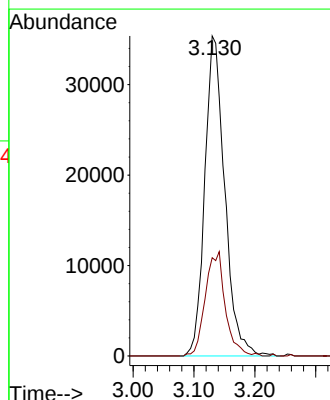
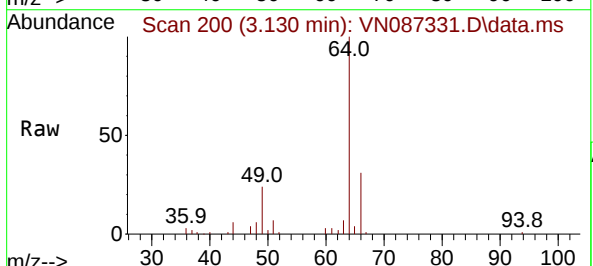
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

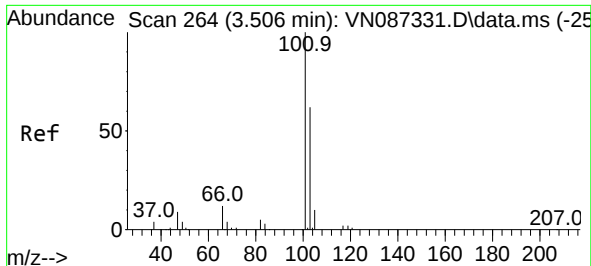
Tgt Ion: 94 Resp: 64982
Ion Ratio Lower Upper
94 100
96 91.8 73.4 110.2



#6
Chloroethane
Concen: 50.942 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 64 Resp: 80606
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8

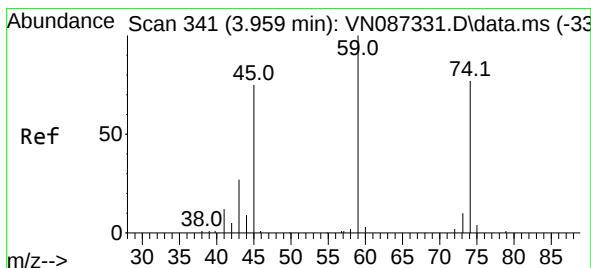
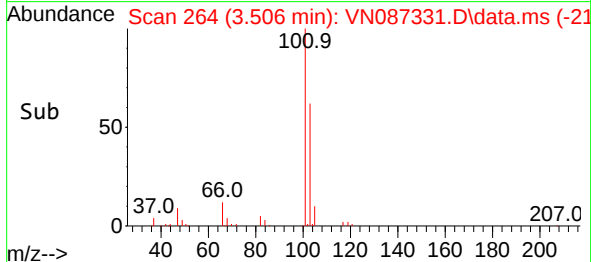
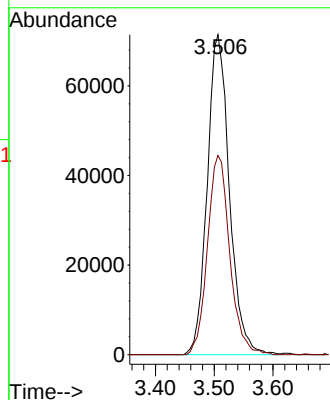
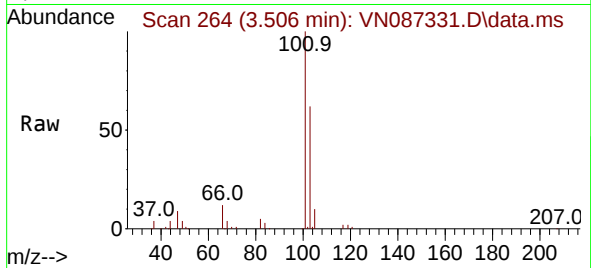




#7
 Trichlorofluoromethane
 Concen: 52.206 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

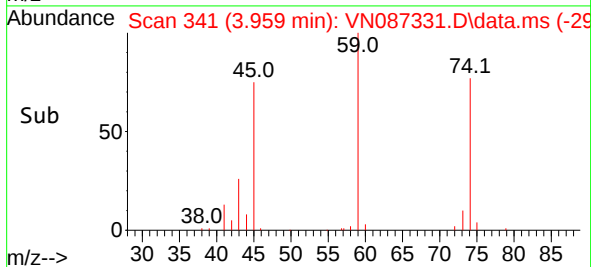
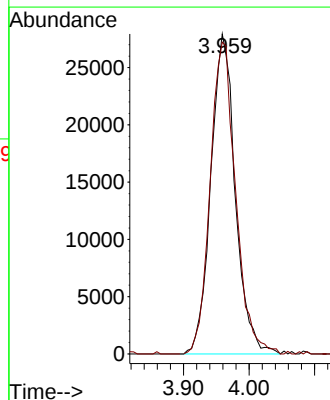
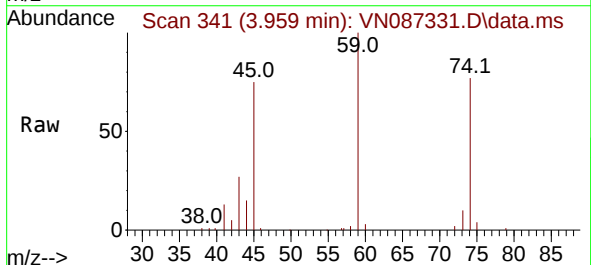
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

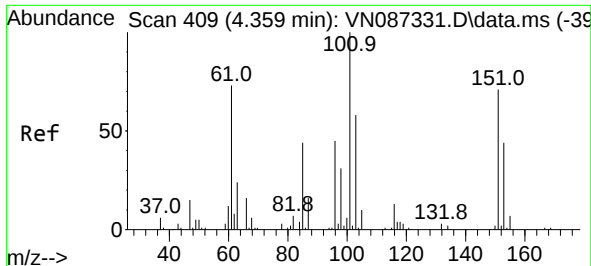
Tgt Ion:101 Resp: 187302
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.8 74.6



#8
 Diethyl Ether
 Concen: 51.843 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Tgt Ion: 74 Resp: 72151
 Ion Ratio Lower Upper
 74 100
 45 101.7 50.8 152.5

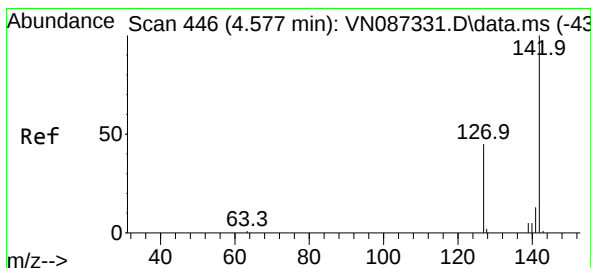
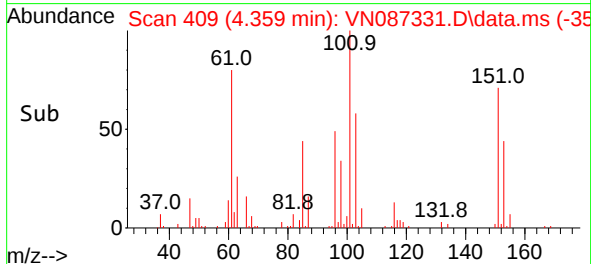
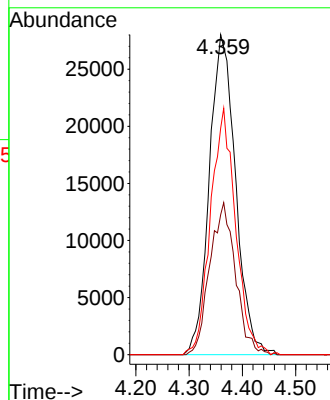
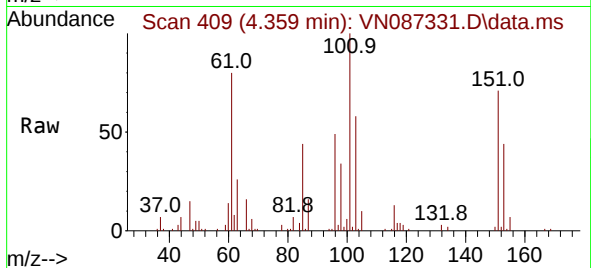




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.068 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

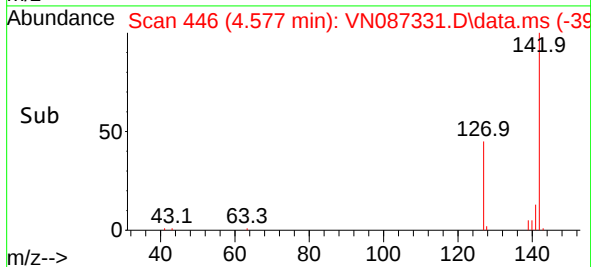
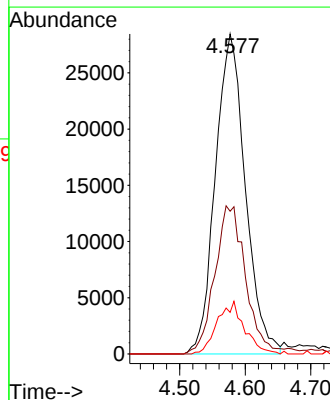
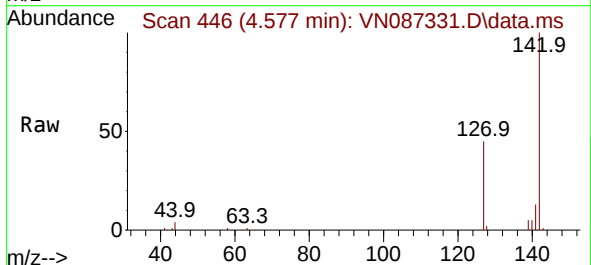
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

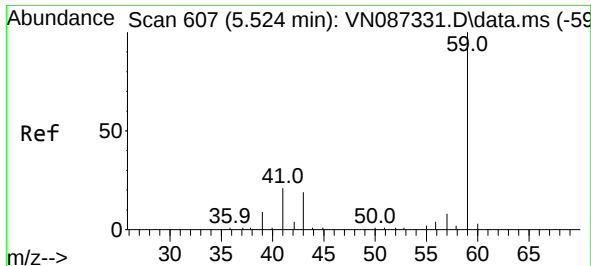
Tgt Ion:	101	Resp:	95895
Ion	Ratio	Lower	Upper
101	100		
85	46.6	37.3	55.9
151	73.6	58.9	88.3



#10
Methyl Iodide
Concen: 47.912 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:	142	Resp:	90277
Ion	Ratio	Lower	Upper
142	100		
127	44.6	35.7	53.5
141	13.0	10.4	15.6

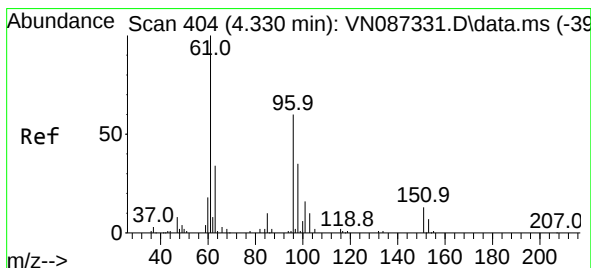
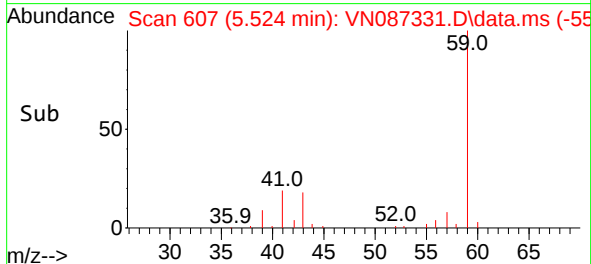
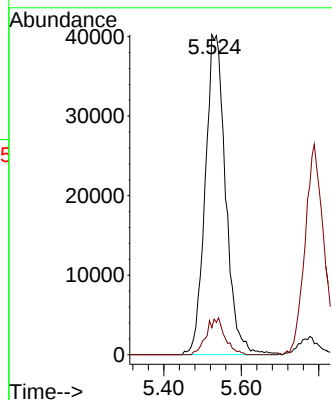
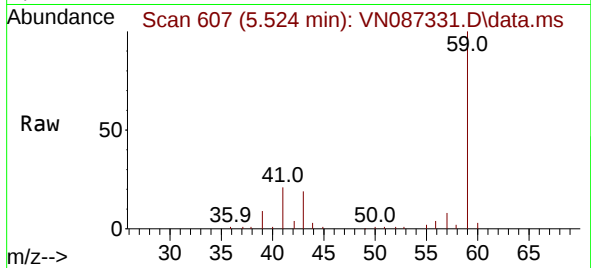




#11
Tert butyl alcohol
Concen: 249.504 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

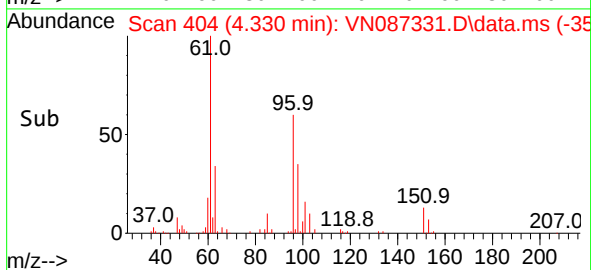
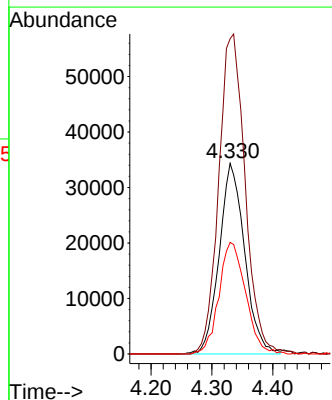
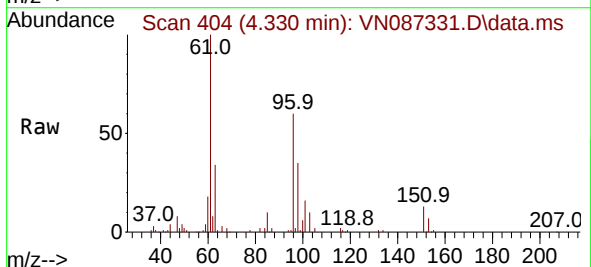
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

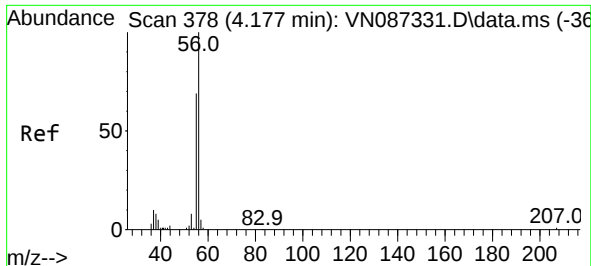
Tgt Ion: 59 Resp: 146939
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.708 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 96 Resp: 99569
Ion Ratio Lower Upper
96 100
61 165.4 132.3 198.5
98 58.5 46.8 70.2

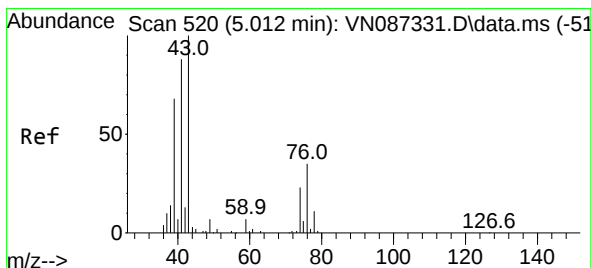
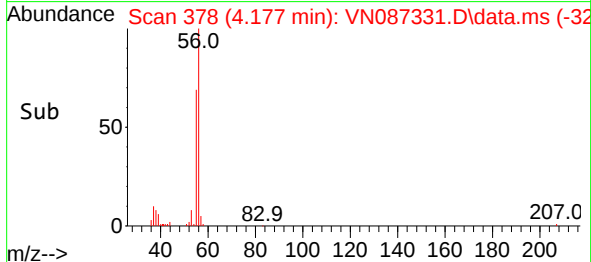
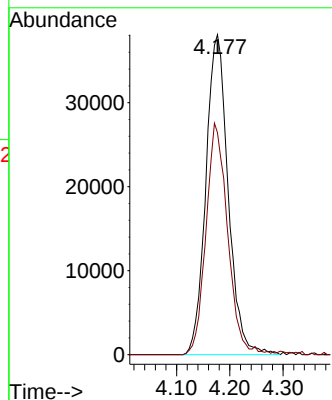
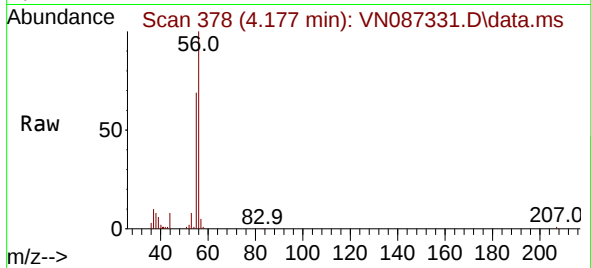




#13
Acrolein
Concen: 234.247 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

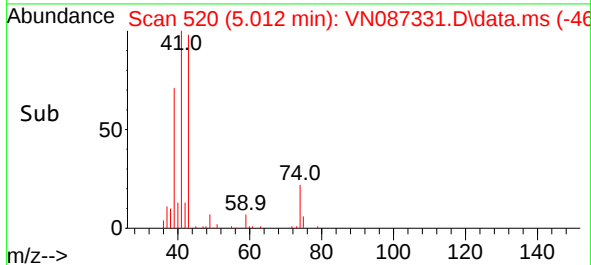
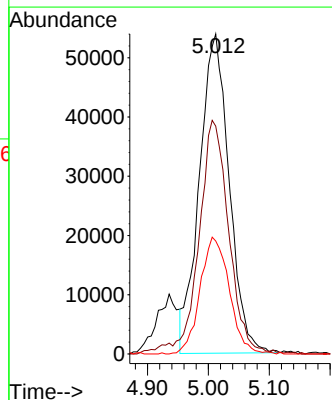
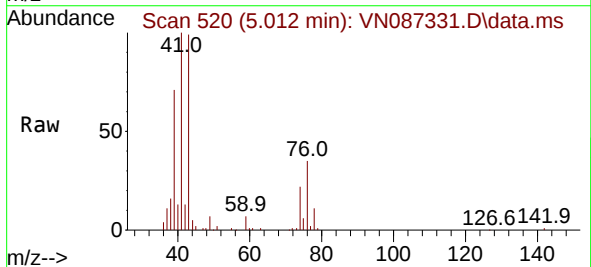
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

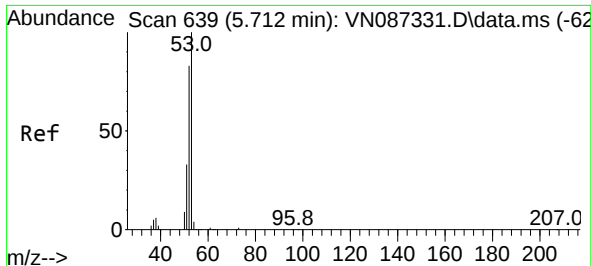
Tgt Ion: 56 Resp: 110711
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4



#14
Allyl chloride
Concen: 48.475 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 41 Resp: 183089
Ion Ratio Lower Upper
41 100
39 73.8 59.0 88.6
76 35.9 28.7 43.1

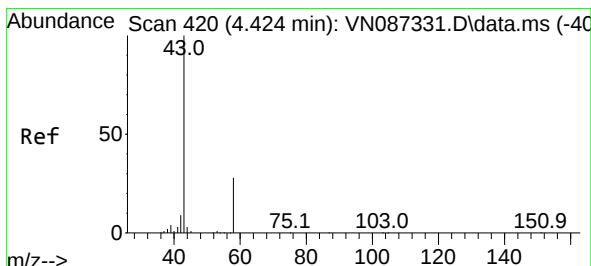
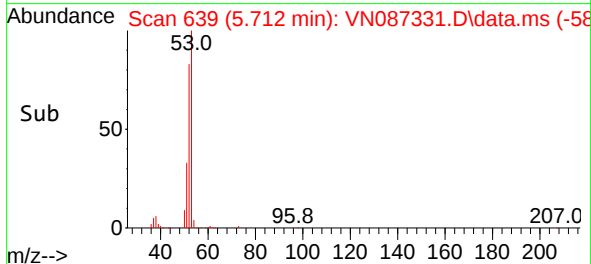
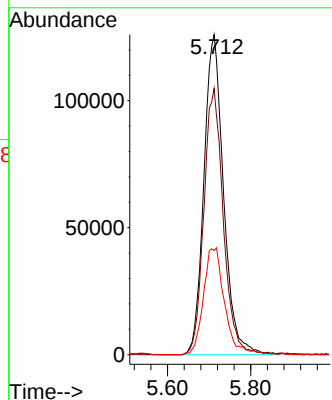
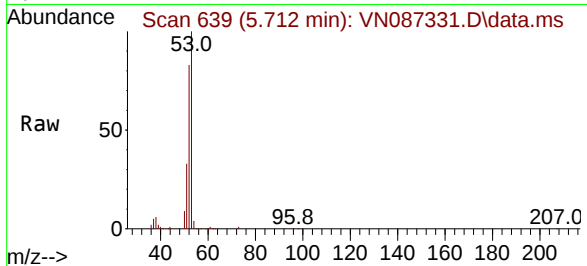




#15
Acrylonitrile
Concen: 259.227 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

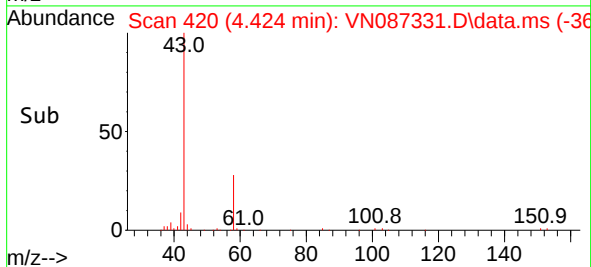
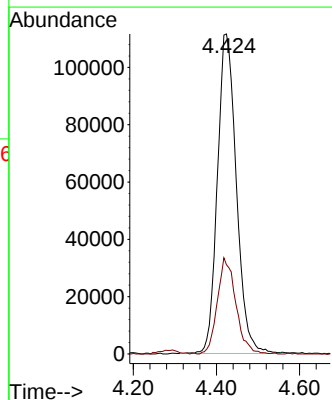
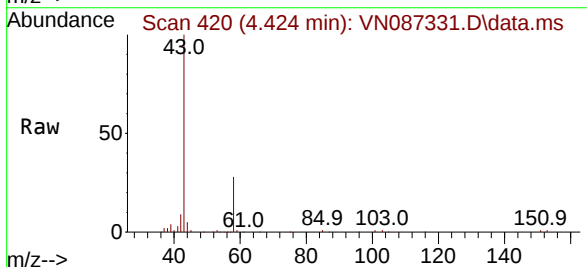
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

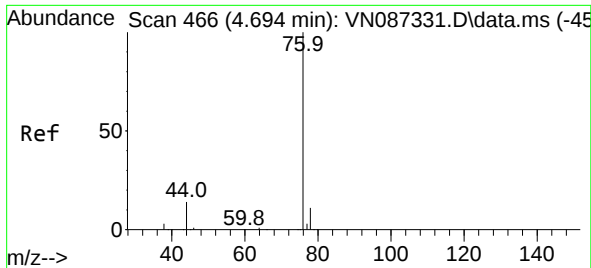
Tgt Ion: 53 Resp: 414273
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 35.9 28.7 43.1



#16
Acetone
Concen: 240.328 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 353373
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5

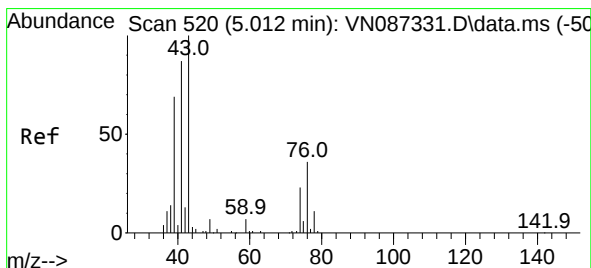
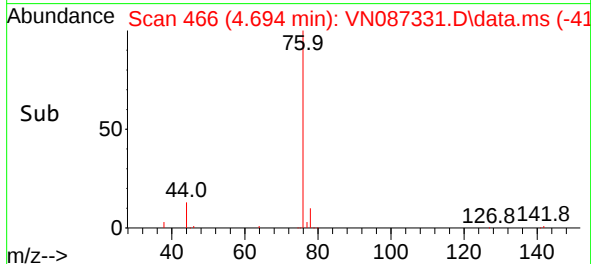
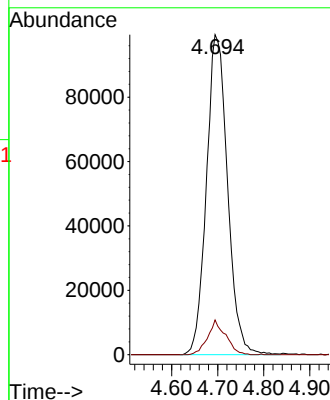
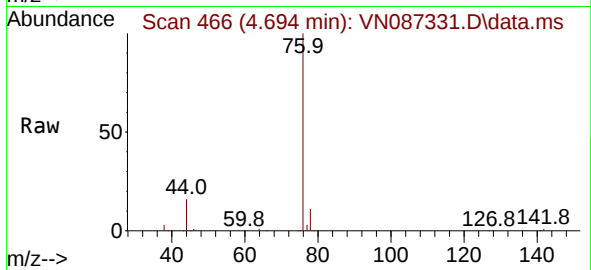




#17
Carbon Disulfide
Concen: 51.205 ug/l
RT: 4.694 min Scan# 466
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

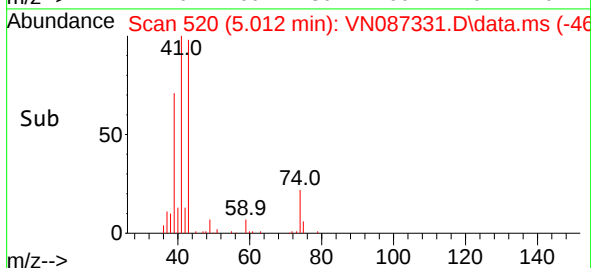
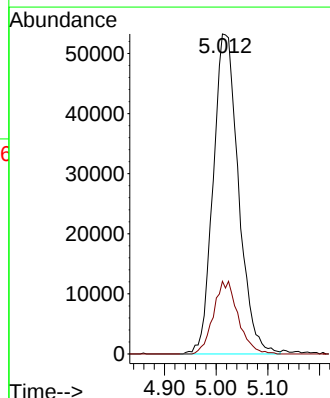
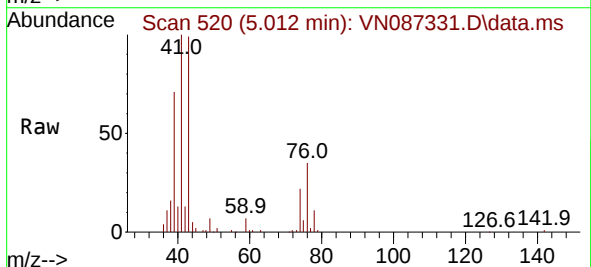
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

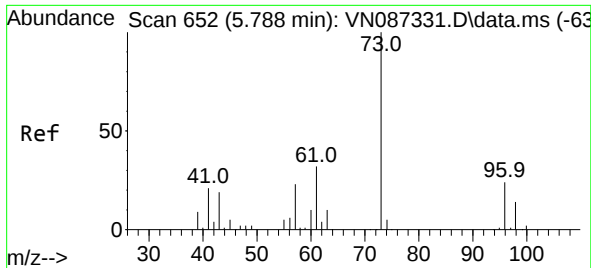
Tgt Ion: 76 Resp: 316833
Ion Ratio Lower Upper
76 100
78 10.8 8.6 13.0



#18
Methyl Acetate
Concen: 49.594 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 181199
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.6

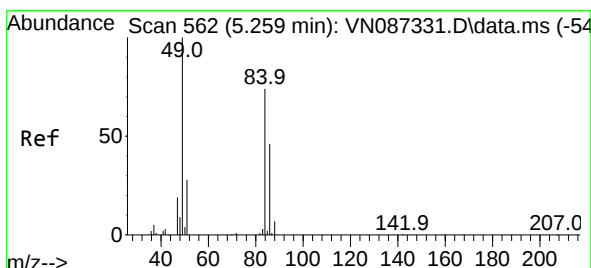
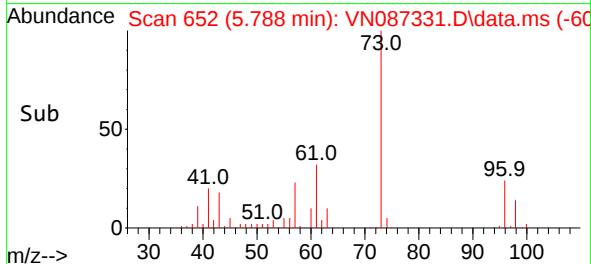
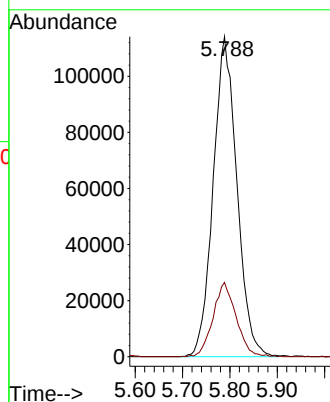
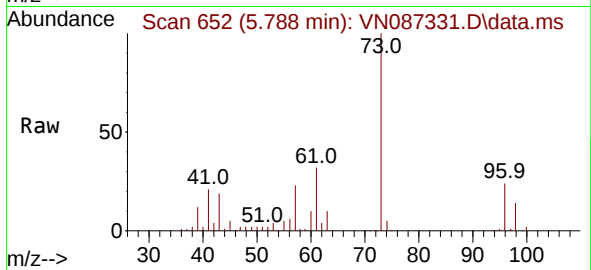




#19
Methyl tert-butyl Ether
Concen: 51.495 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

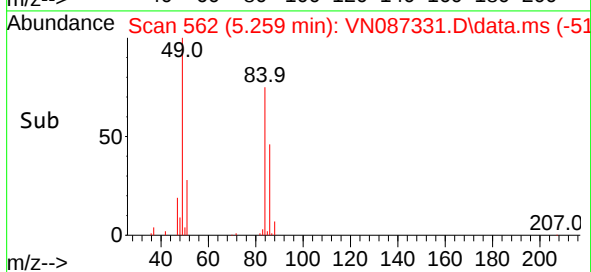
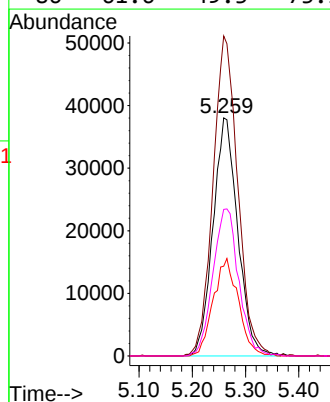
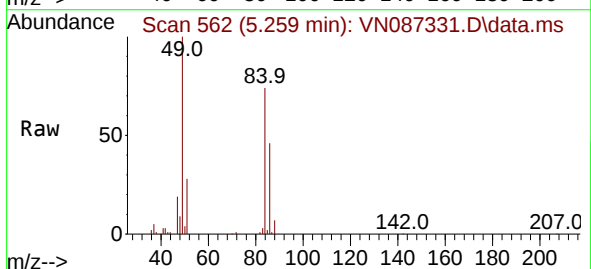
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

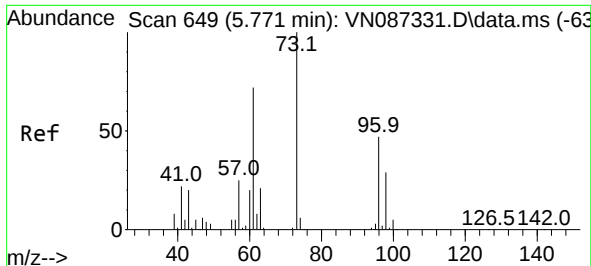
Tgt Ion: 73 Resp: 396133
Ion Ratio Lower Upper
73 100
57 23.2 18.6 27.8



#20
Methylene Chloride
Concen: 50.001 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 84 Resp: 122921
Ion Ratio Lower Upper
84 100
49 134.4 107.5 161.3
51 37.7 30.2 45.2
86 61.6 49.3 73.9

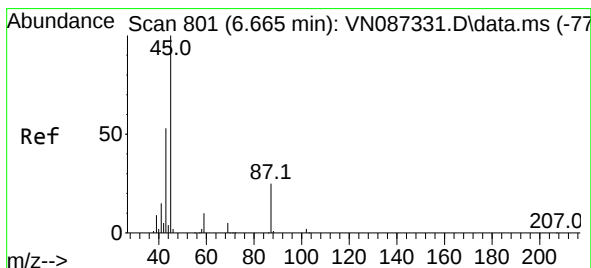
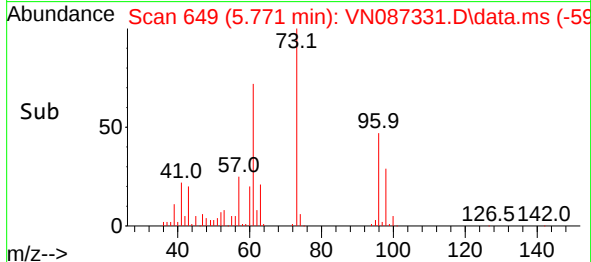
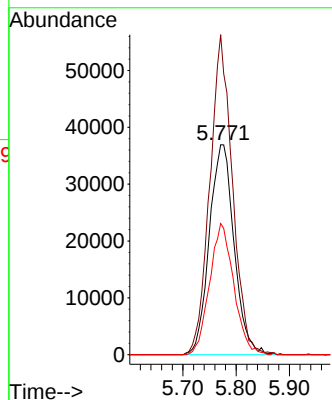
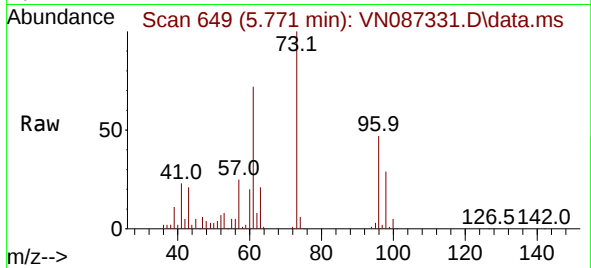




#21
trans-1,2-Dichloroethene
Concen: 50.687 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

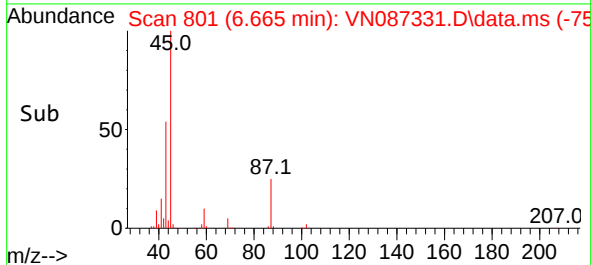
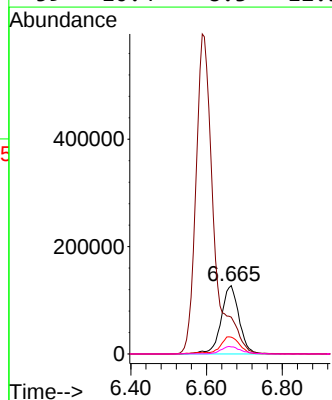
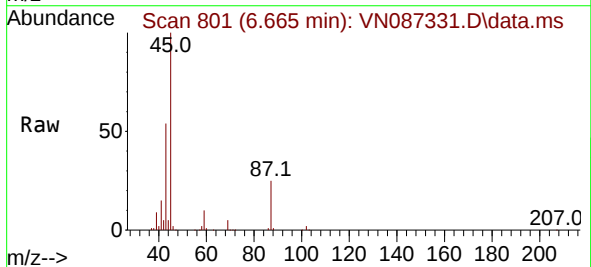
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

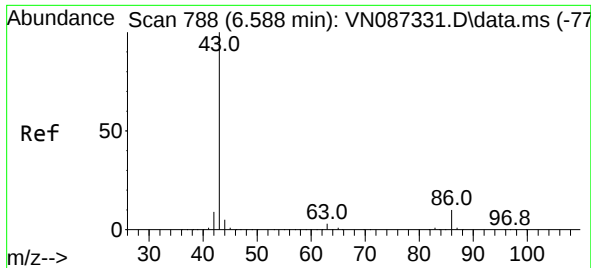
Tgt Ion: 96 Resp: 119278
Ion Ratio Lower Upper
96 100
61 152.5 122.0 183.0
98 62.5 50.0 75.0



#22
Diisopropyl ether
Concen: 52.740 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 45 Resp: 417843
Ion Ratio Lower Upper
45 100
43 53.5 42.8 64.2
87 24.7 19.8 29.6
59 10.4 8.3 12.5

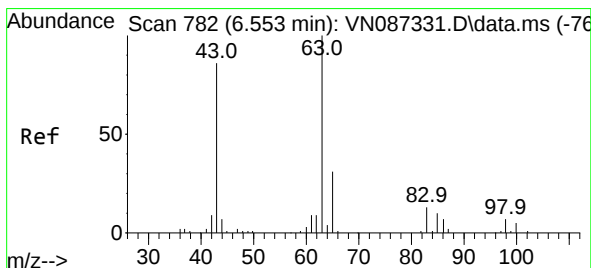
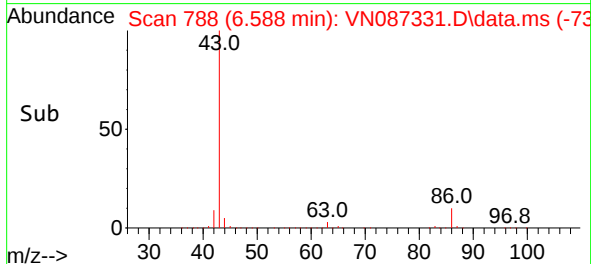
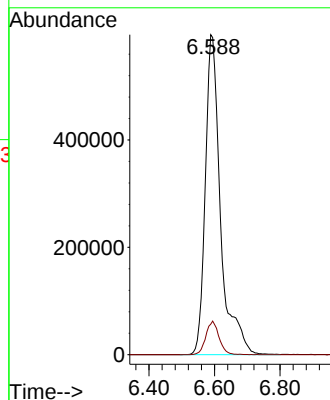
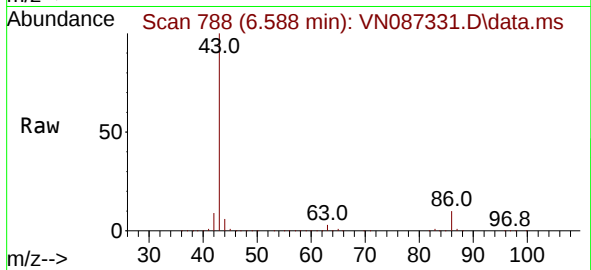




#23
 Vinyl Acetate
 Concen: 278.796 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

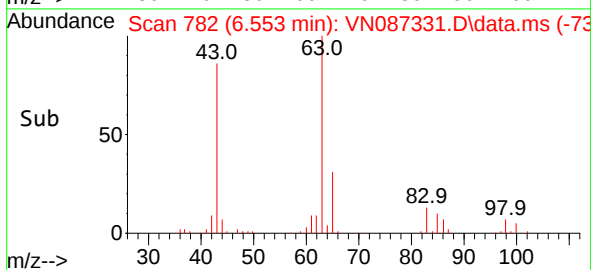
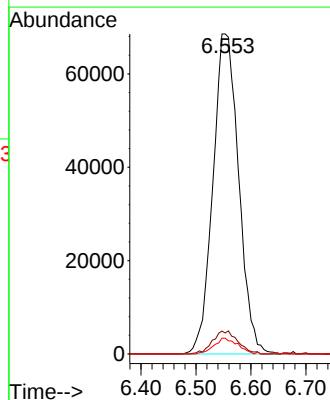
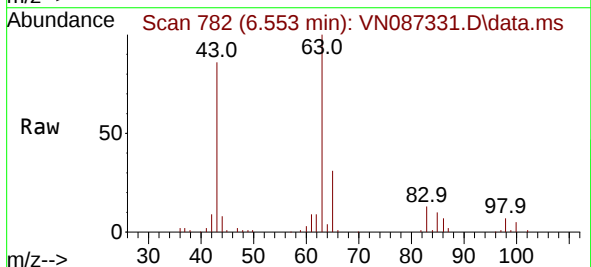
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

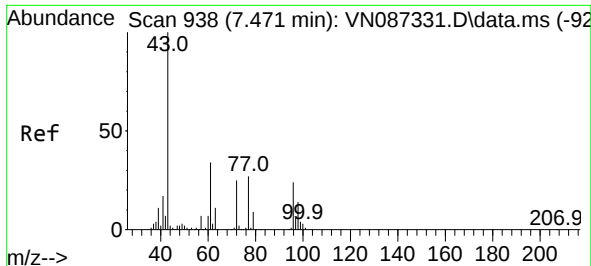
Tgt Ion: 43 Resp: 1931809
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 48.853 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Tgt Ion: 63 Resp: 223298
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.9 2.5 7.4

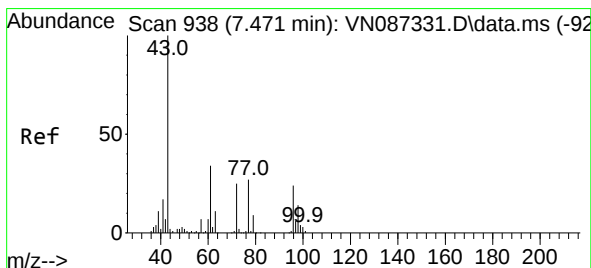
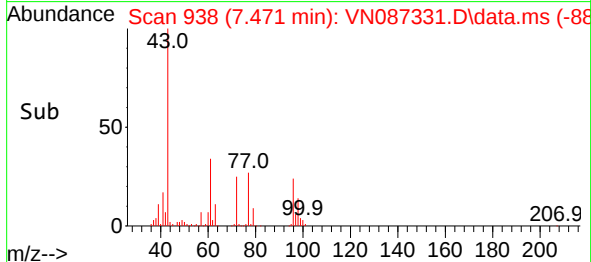
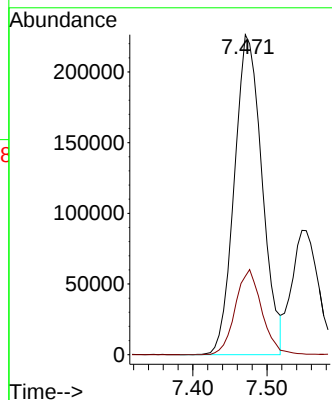
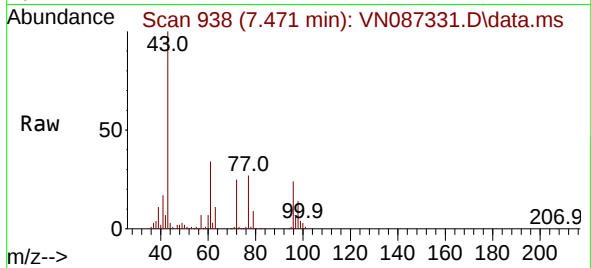




#25
2-Butanone
Concen: 261.702 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

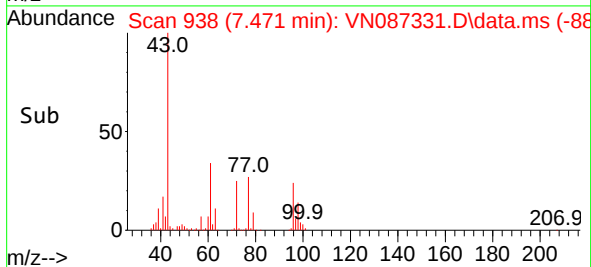
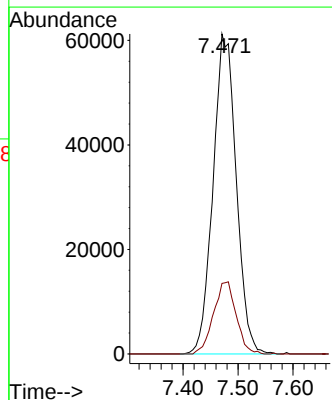
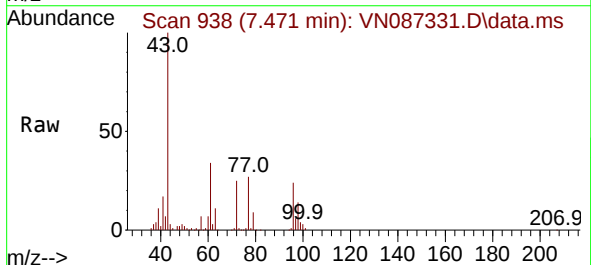
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

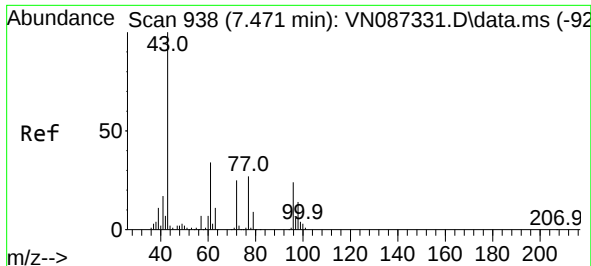
Tgt Ion: 43 Resp: 588032
Ion Ratio Lower Upper
43 100
72 24.5 19.6 29.4



#26
2,2-Dichloropropane
Concen: 50.492 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 77 Resp: 179431
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1

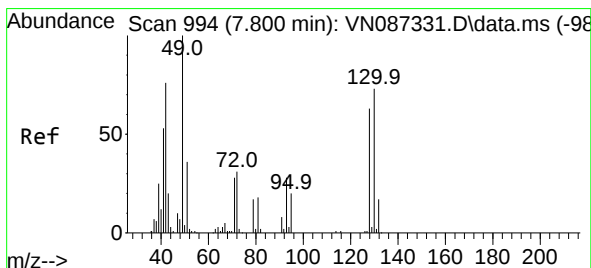
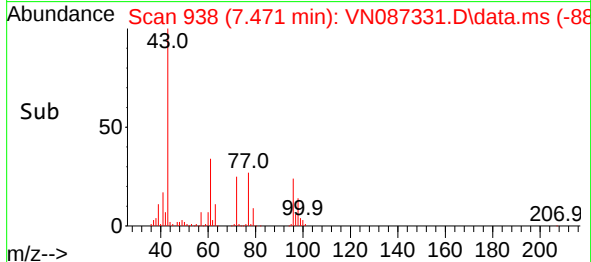
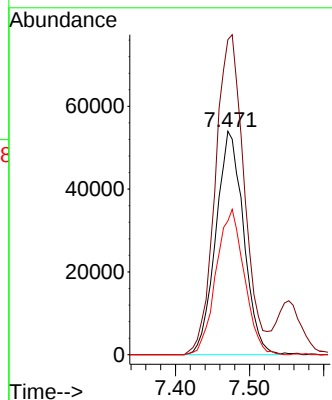
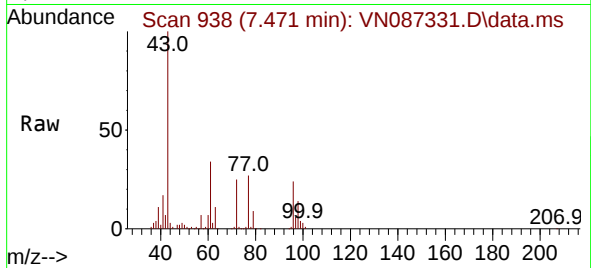




#27
 cis-1,2-Dichloroethene
 Concen: 51.746 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

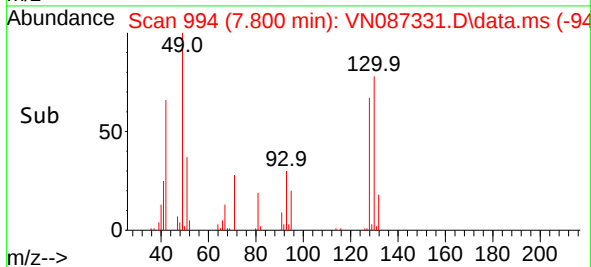
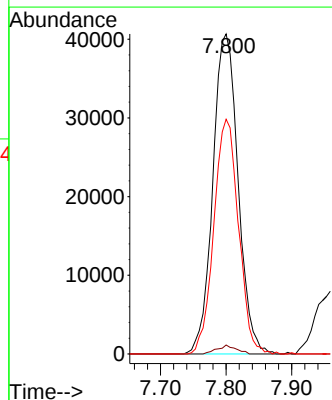
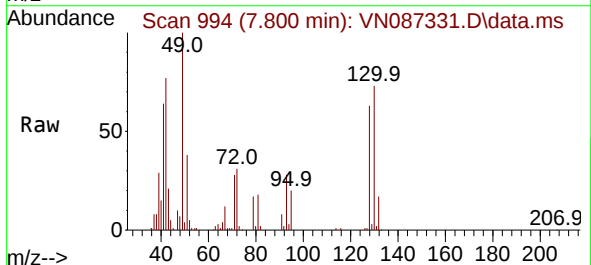
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

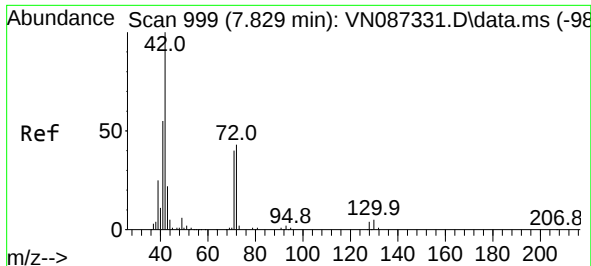
Tgt Ion: 96 Resp: 140194
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 297.8
 98 66.2 0.0 132.4



#28
 Bromochloromethane
 Concen: 49.713 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Tgt Ion: 49 Resp: 108748
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 71.6 57.3 85.9

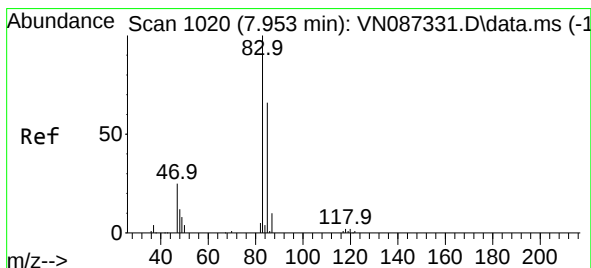
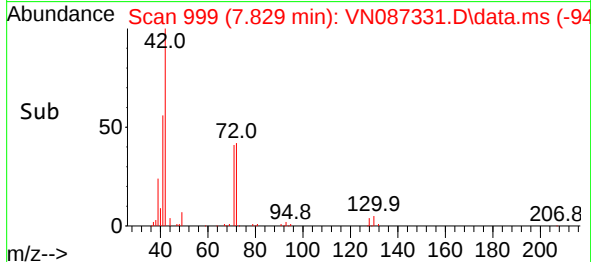
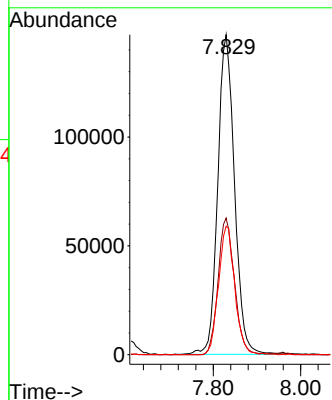
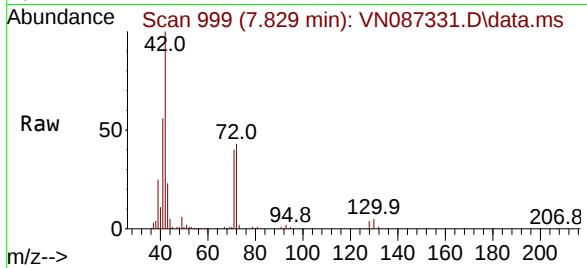




#29
Tetrahydrofuran
Concen: 266.294 ug/l
RT: 7.829 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

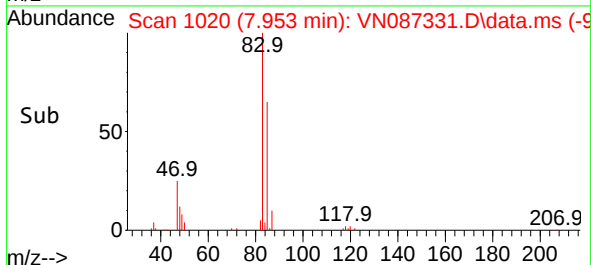
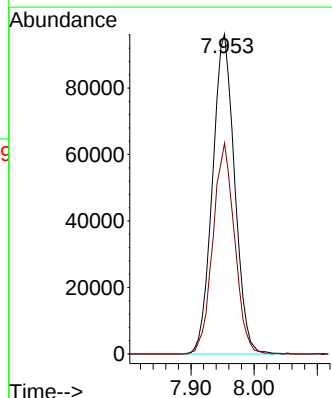
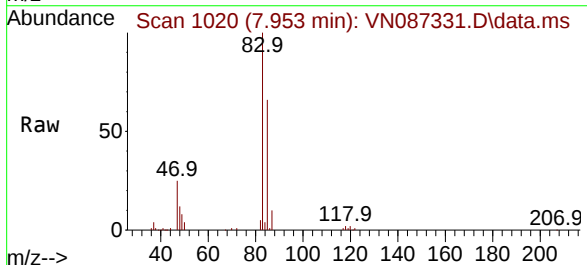
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

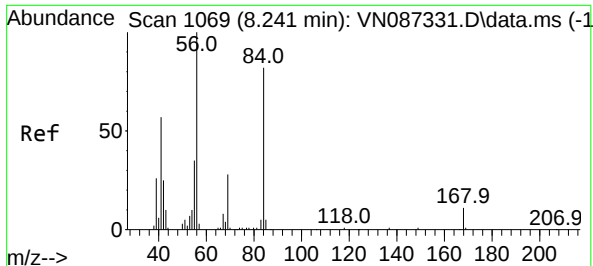
Tgt Ion: 42 Resp: 388704
Ion Ratio Lower Upper
42 100
72 41.7 33.4 50.0
71 39.0 31.2 46.8



#30
Chloroform
Concen: 51.092 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 83 Resp: 233747
Ion Ratio Lower Upper
83 100
85 65.9 52.7 79.1

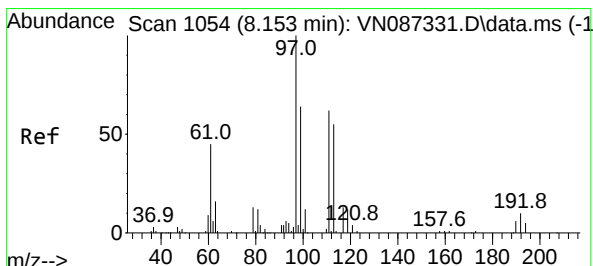
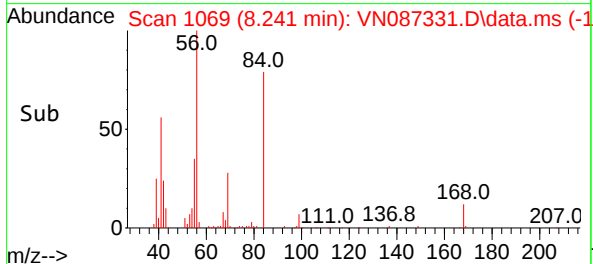
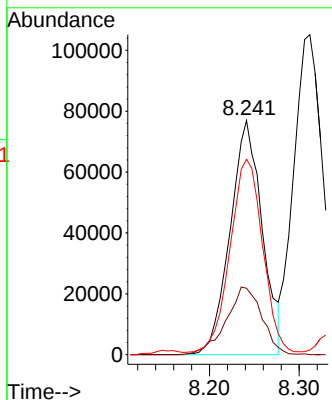
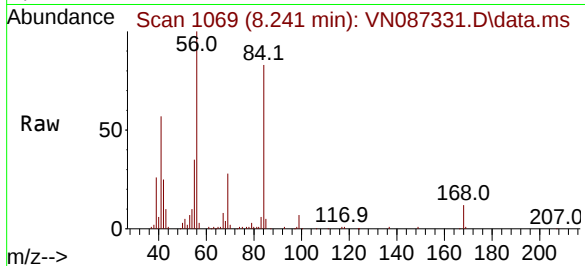




#31
Cyclohexane
Concen: 50.122 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

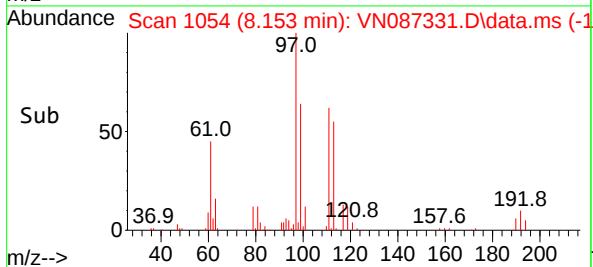
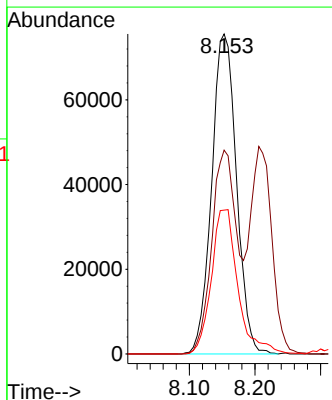
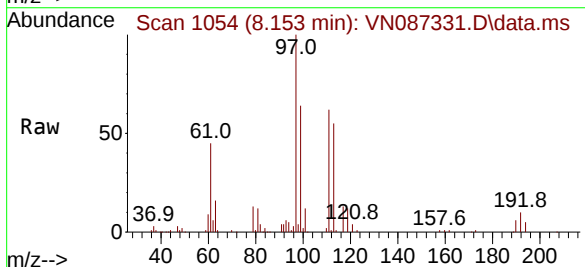
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

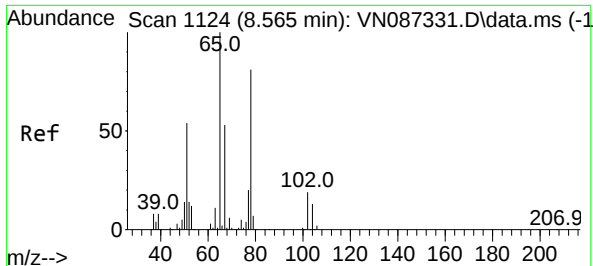
Tgt Ion:	56	Resp:	191116
Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.7	34.1
84	82.2	65.8	98.6



#32
1,1,1-Trichloroethane
Concen: 50.002 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:	97	Resp:	198135
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	48.4	38.7	58.1

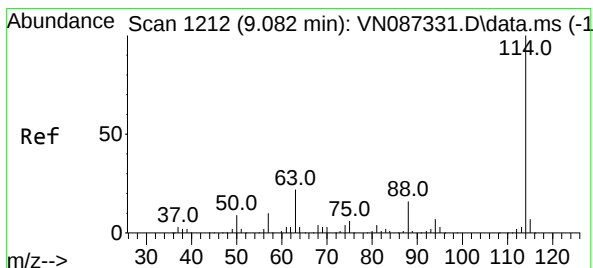
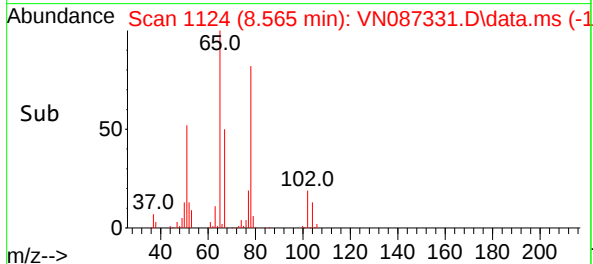
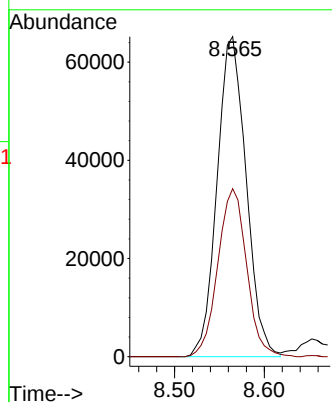
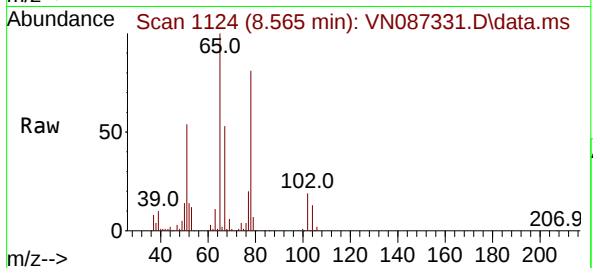




#33
 1,2-Dichloroethane-d4
 Concen: 47.253 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

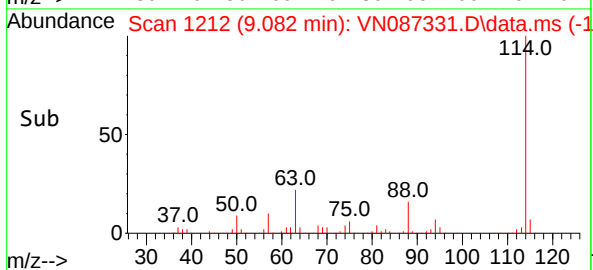
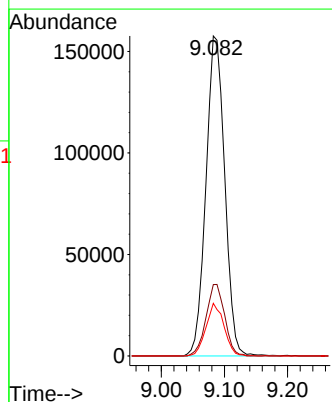
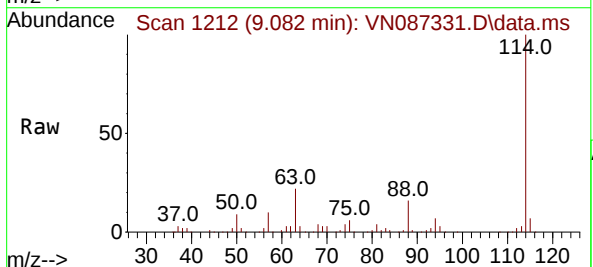
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

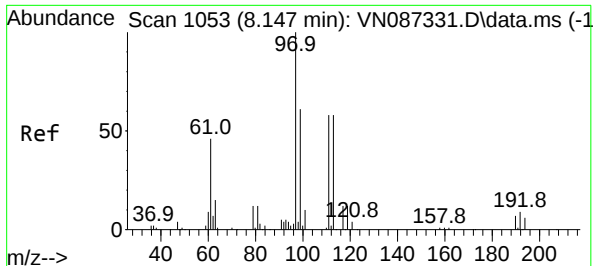
Tgt Ion: 65 Resp: 146559
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Tgt Ion: 114 Resp: 325711
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.190 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

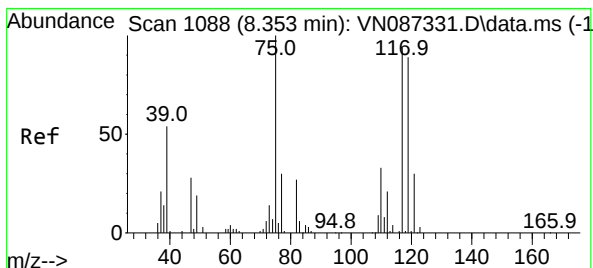
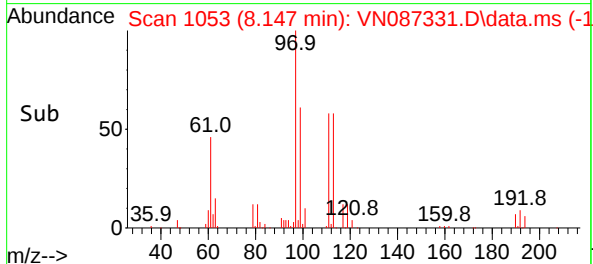
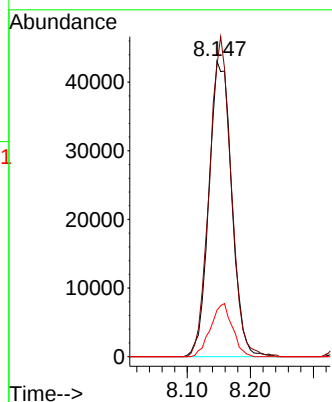
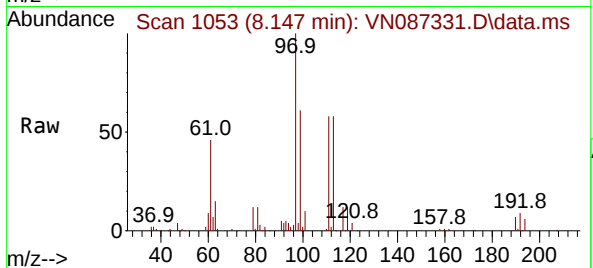
Tgt Ion:113 Resp: 108271

Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

192 17.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 53.418 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

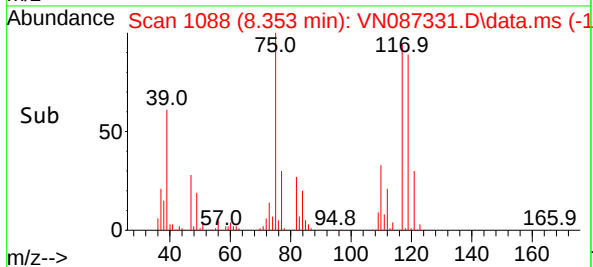
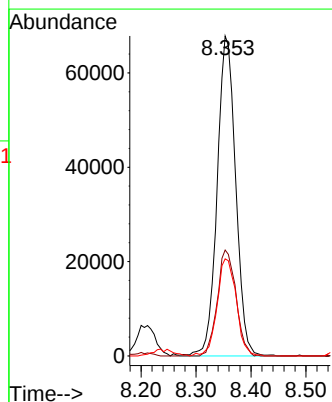
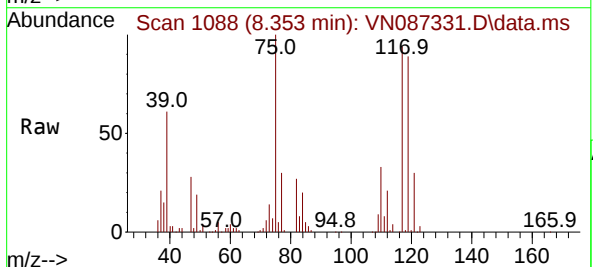
Tgt Ion: 75 Resp: 158563

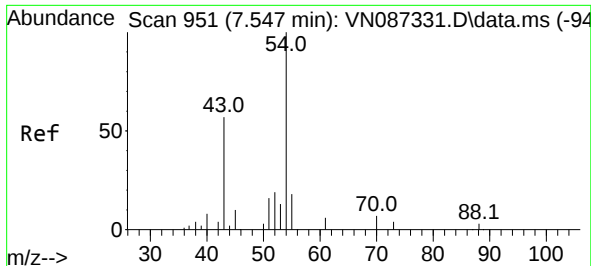
Ion Ratio Lower Upper

75 100

110 33.4 16.7 50.1

77 31.5 25.2 37.8

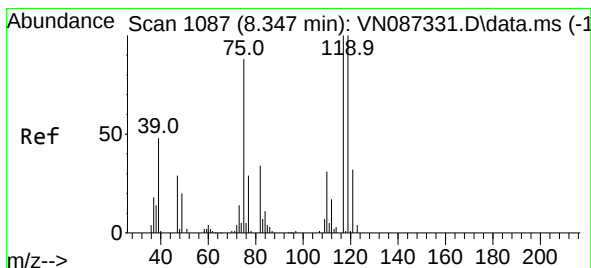
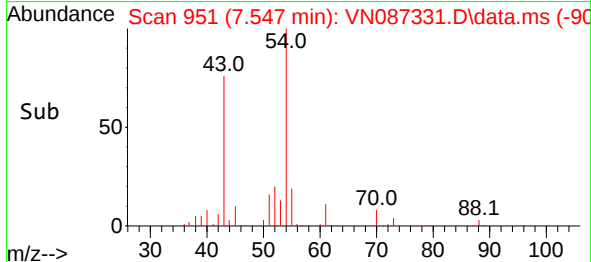
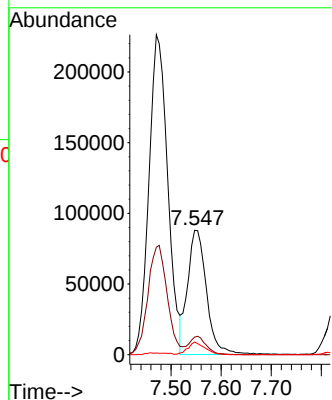
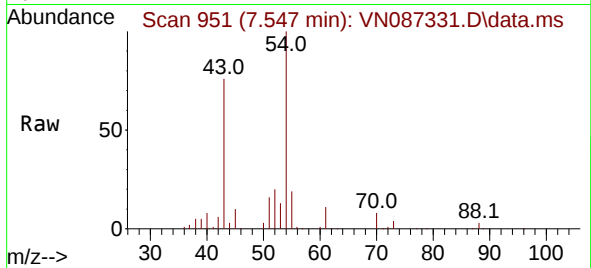




#37
Ethyl Acetate
Concen: 53.652 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

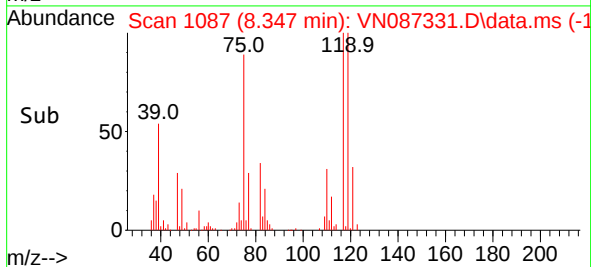
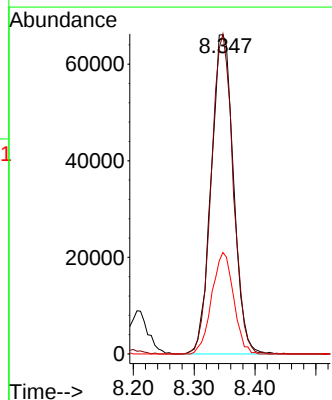
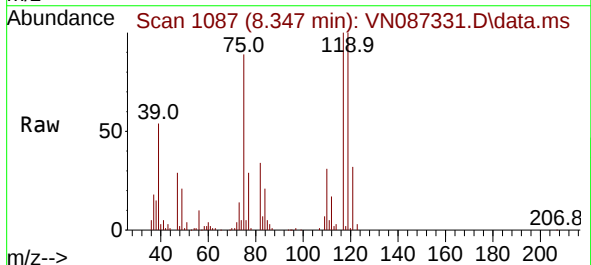
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

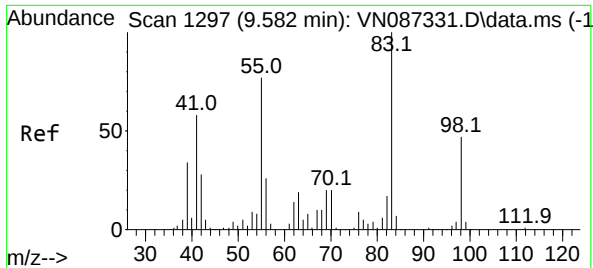
Tgt Ion: 43 Resp: 230005
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 9.2 7.4 11.0



#38
Carbon Tetrachloride
Concen: 51.501 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 117 Resp: 168403
Ion Ratio Lower Upper
117 100
119 100.2 80.2 120.2
121 31.8 25.4 38.2

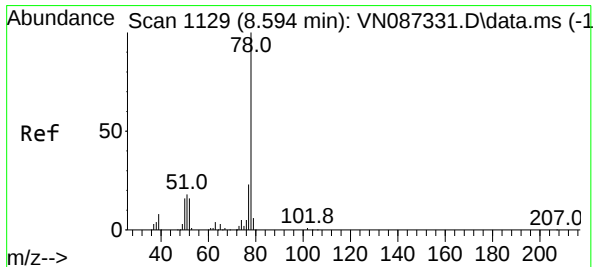
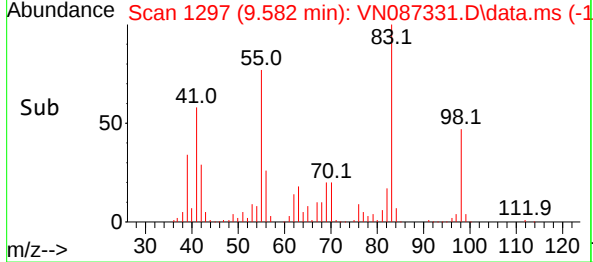
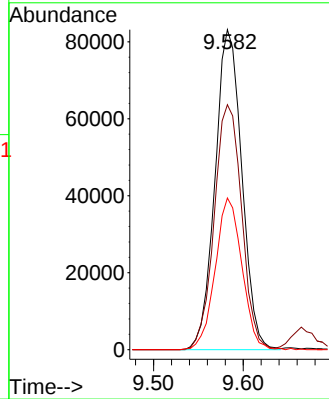
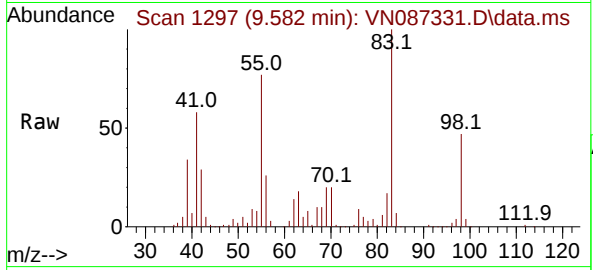




#39
Methylcyclohexane
Concen: 53.614 ug/l
RT: 9.582 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

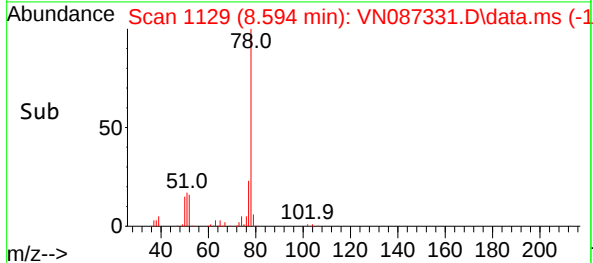
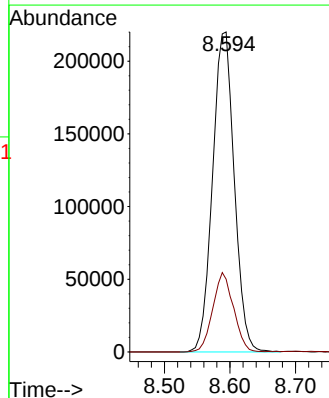
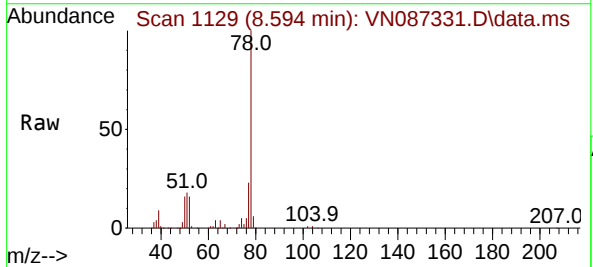
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

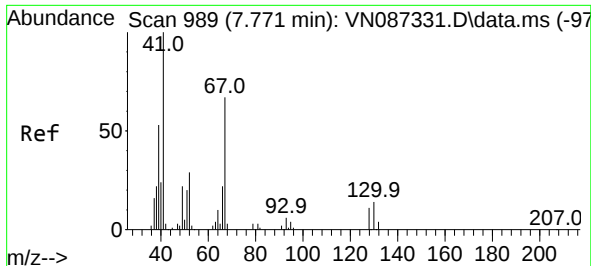
Tgt Ion: 83 Resp: 172297
Ion Ratio Lower Upper
83 100
55 76.6 61.3 91.9
98 47.4 37.9 56.9



#40
Benzene
Concen: 52.714 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 78 Resp: 505723
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2

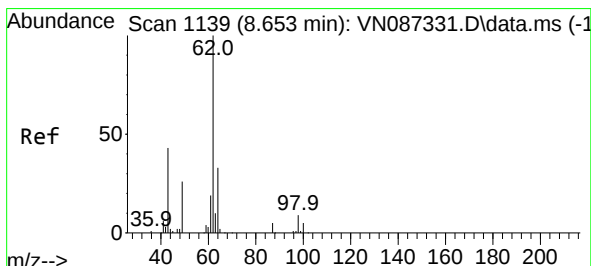
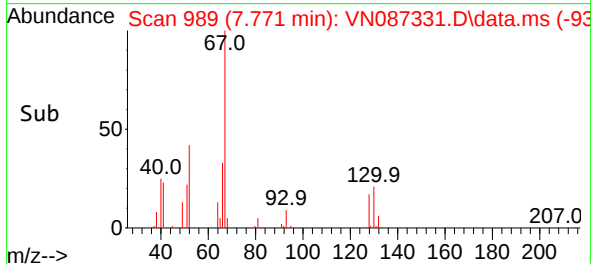
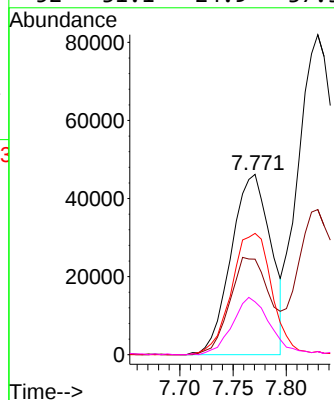
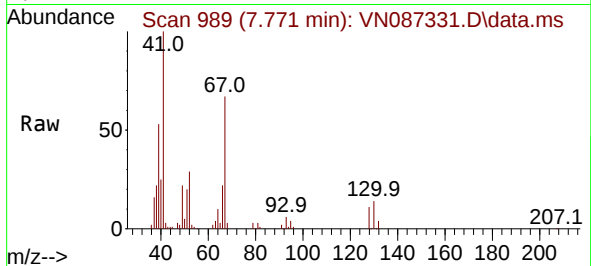




#41
Methacrylonitrile
Concen: 53.486 ug/l
RT: 7.771 min Scan# 918
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

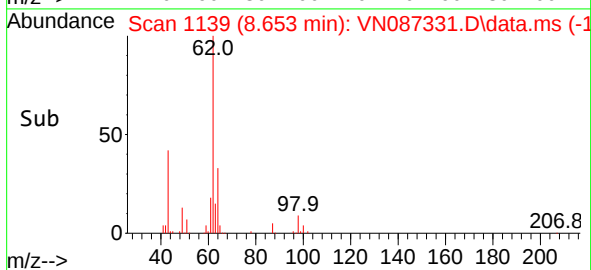
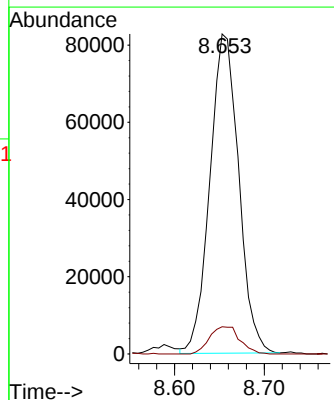
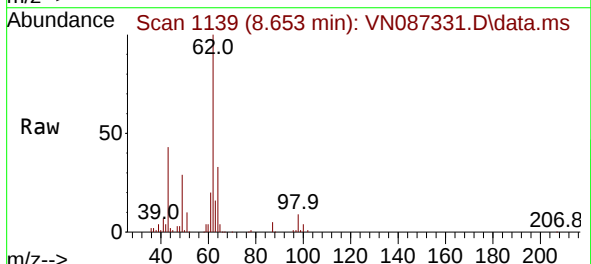
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

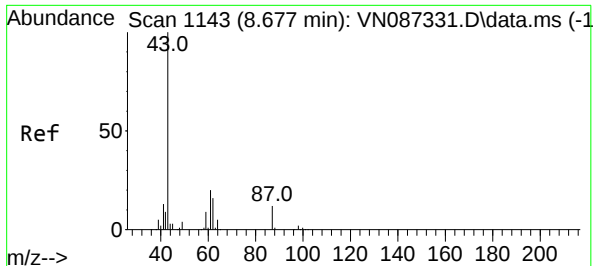
Tgt Ion:	41	Resp:	119895
Ion Ratio	Lower	Upper	
41	100		
39	54.2	43.4	65.0
67	68.9	55.1	82.7
52	31.1	24.9	37.3



#42
1,2-Dichloroethane
Concen: 50.759 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:	62	Resp:	184670
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	18.0

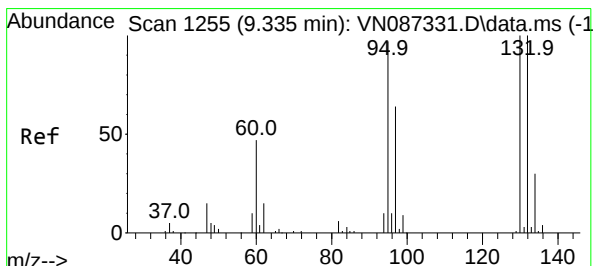
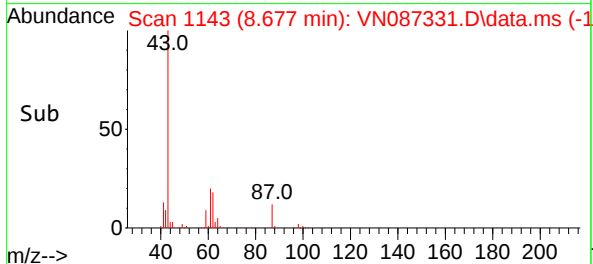
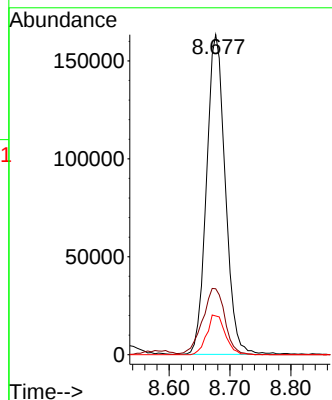
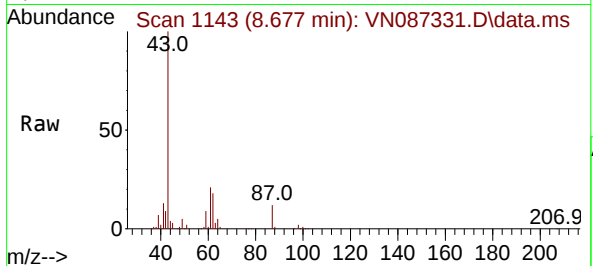




#43
Isopropyl Acetate
Concen: 52.399 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

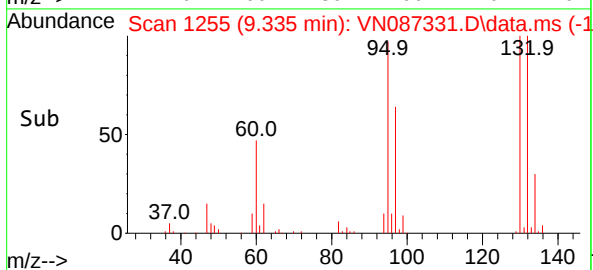
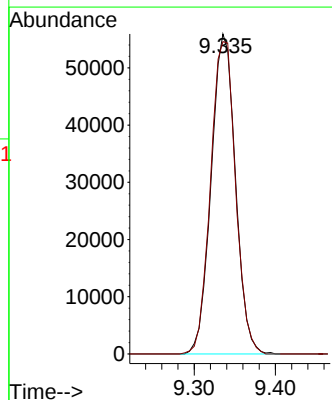
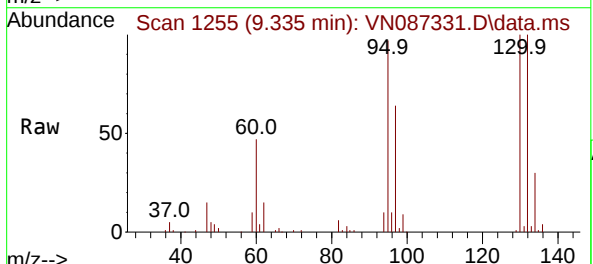
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

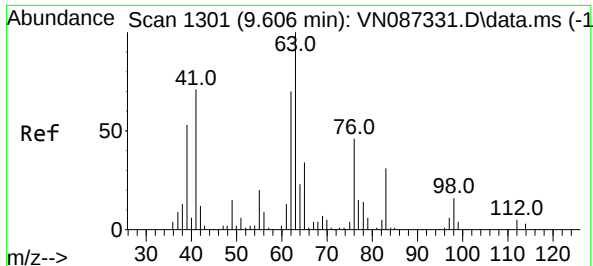
Tgt Ion: 43 Resp: 348709
Ion Ratio Lower Upper
43 100
61 24.8 19.8 29.8
87 12.2 9.8 14.6



#44
Trichloroethene
Concen: 51.160 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:130 Resp: 115974
Ion Ratio Lower Upper
130 100
95 97.6 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.726 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

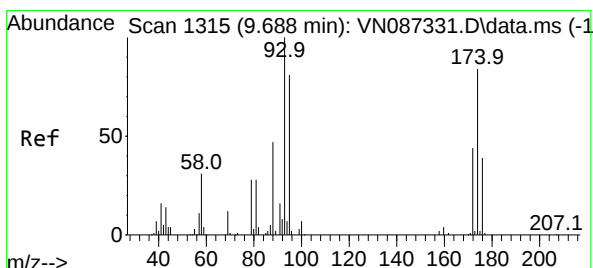
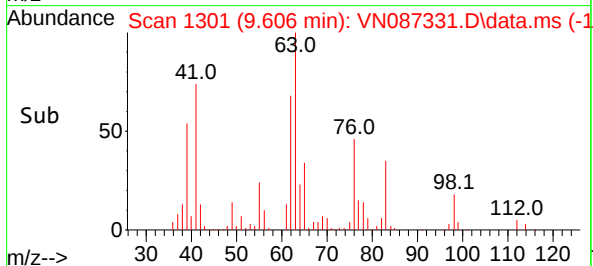
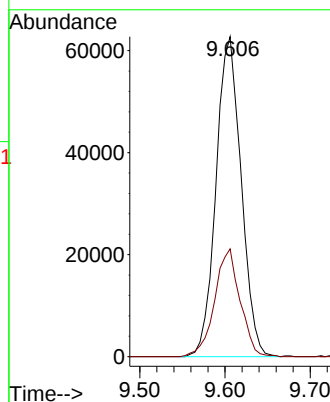
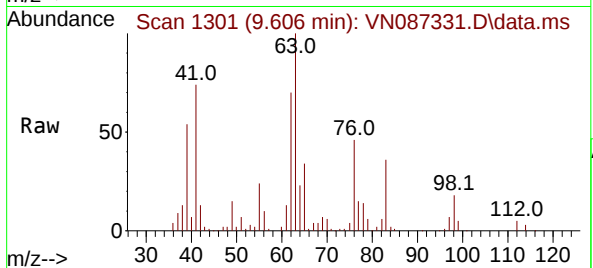
VSTDICCC050

Tgt Ion: 63 Resp: 128530

Ion Ratio Lower Upper

63 100

65 33.7 27.0 40.4



#46

Dibromomethane

Concen: 51.601 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

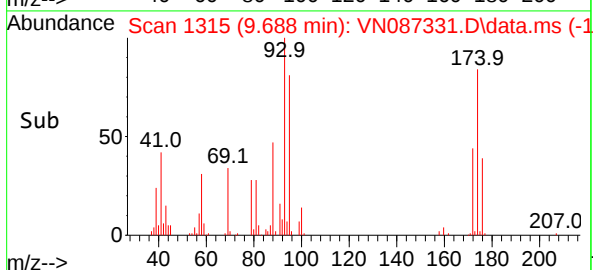
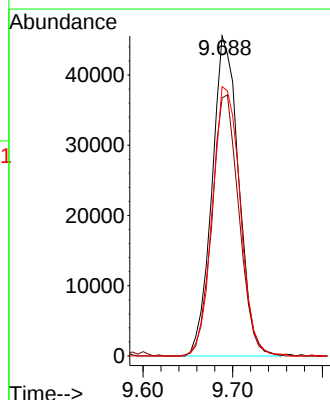
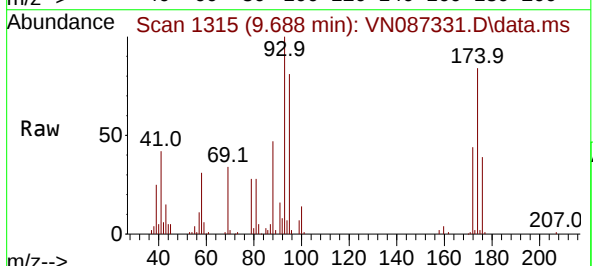
Tgt Ion: 93 Resp: 94179

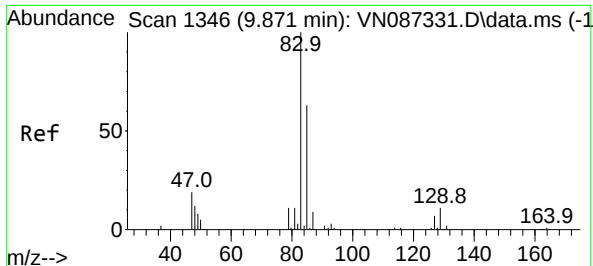
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 87.4 69.9 104.9

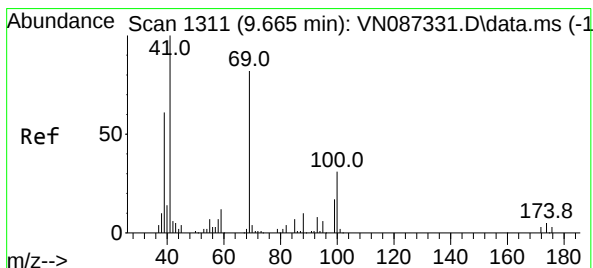
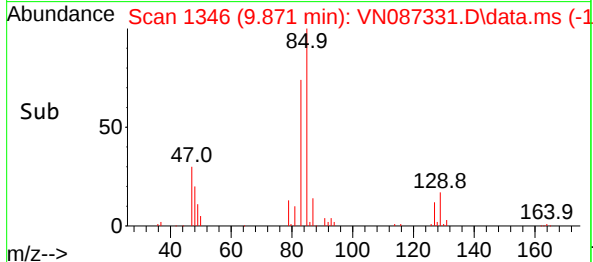
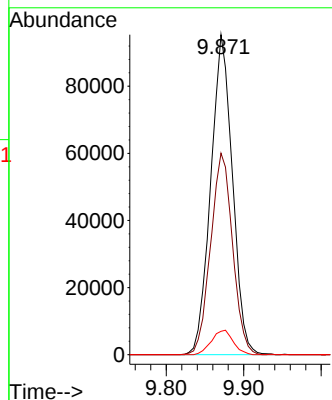
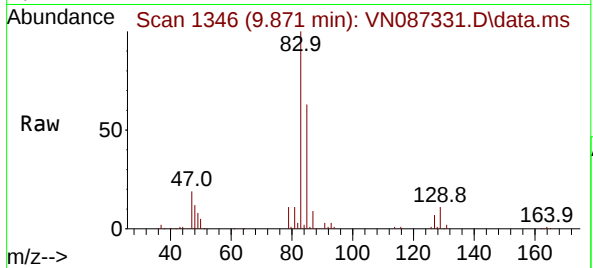




#47
Bromodichloromethane
Concen: 50.382 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

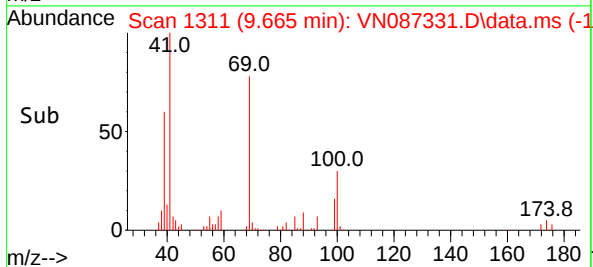
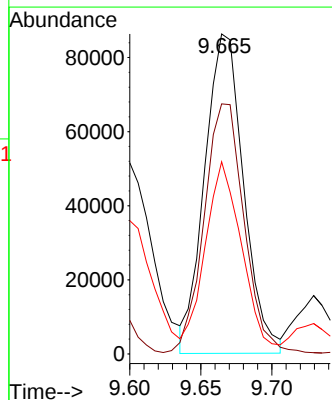
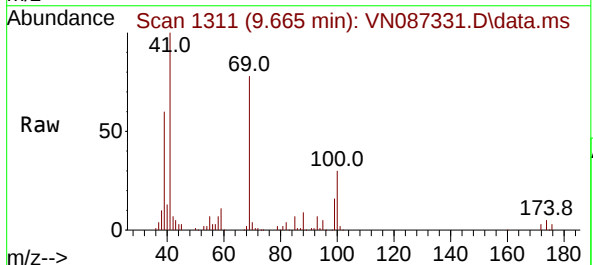
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

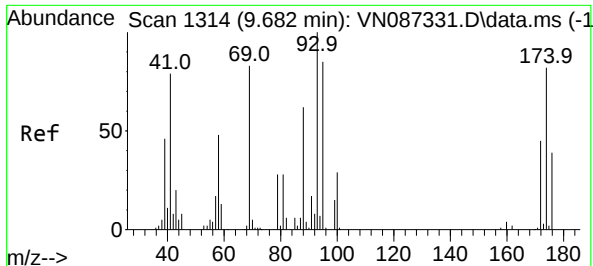
Tgt Ion: 83 Resp: 185222
Ion Ratio Lower Upper
83 100
85 63.0 50.4 75.6
127 7.3 5.8 8.8



#48
Methyl methacrylate
Concen: 54.899 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 41 Resp: 164476
Ion Ratio Lower Upper
41 100
69 80.1 64.1 96.1
39 56.9 45.5 68.3





#49

1,4-Dioxane

Concen: 1134.802 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

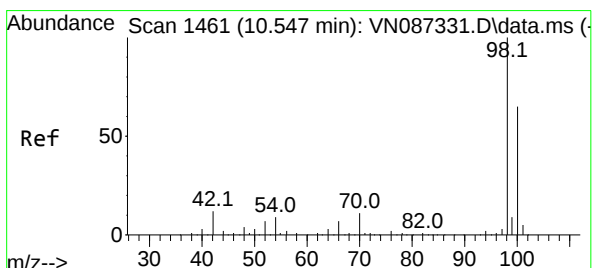
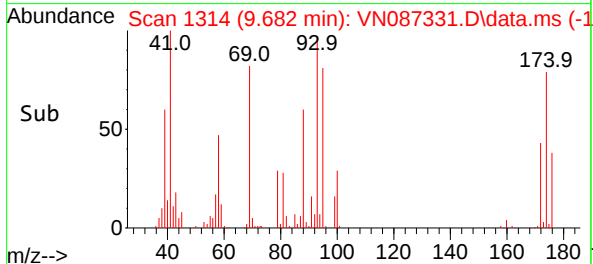
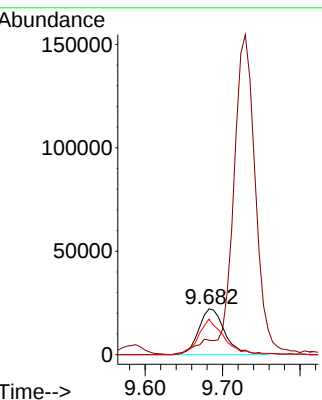
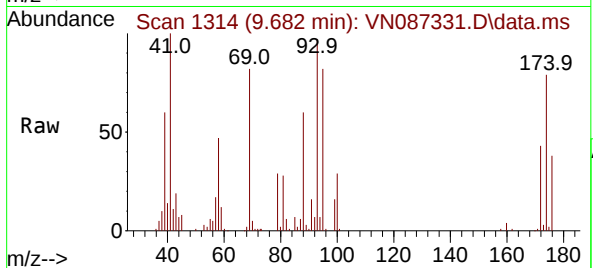
Tgt Ion: 88 Resp: 52072

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.4 61.1 91.7



#50

Toluene-d8

Concen: 49.757 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087331.D

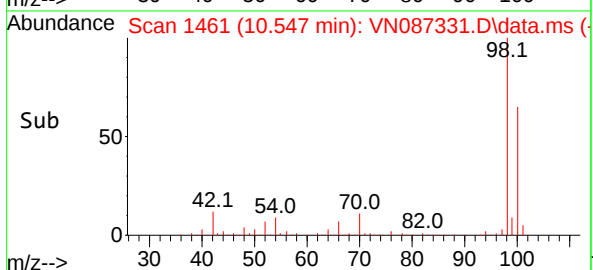
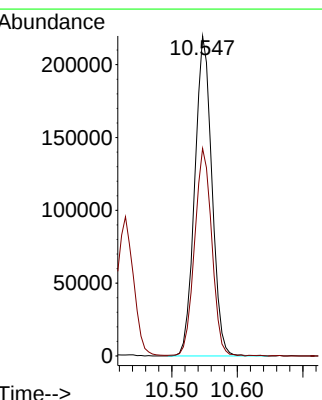
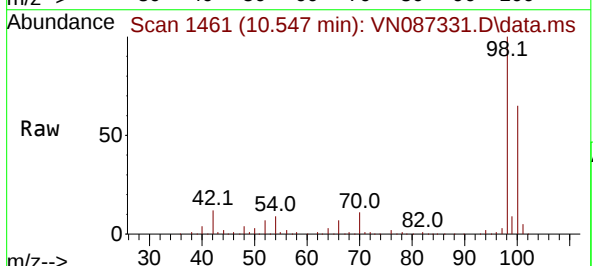
Acq: 16 Jul 2025 18:11

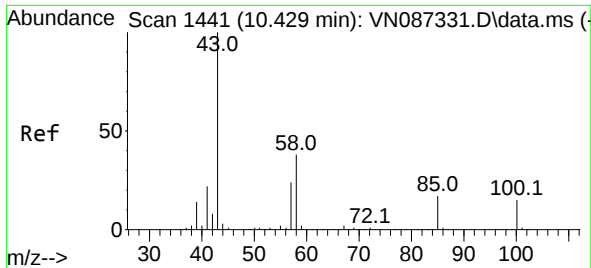
Tgt Ion: 98 Resp: 398776

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

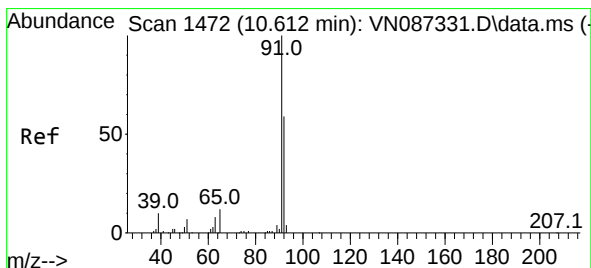
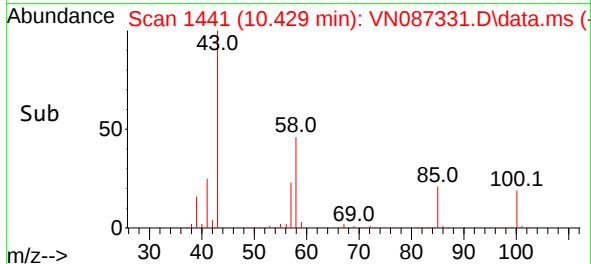
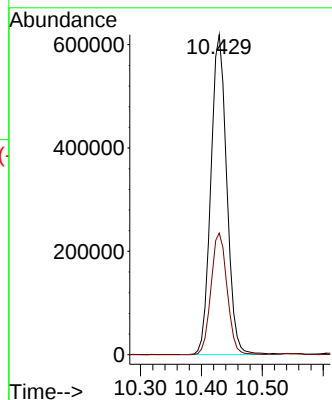
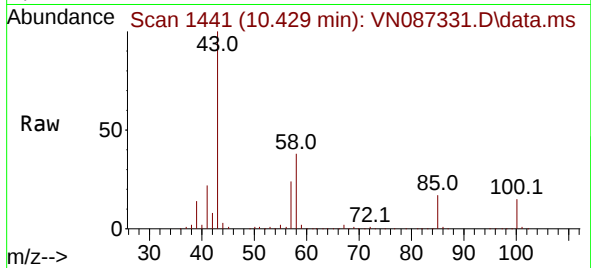




#51
4-Methyl-2-Pentanone
Concen: 266.771 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

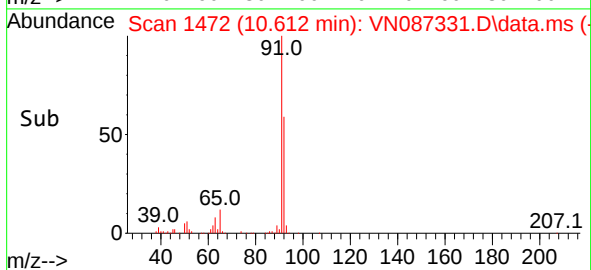
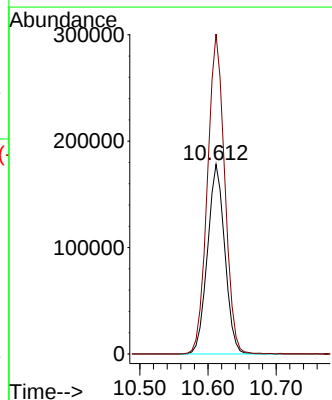
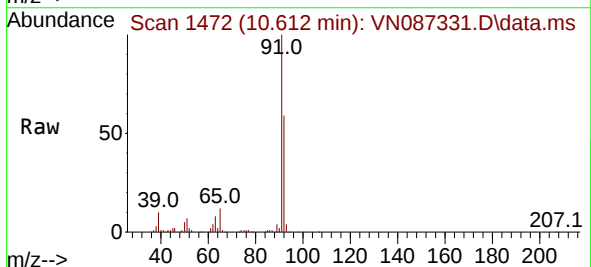
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

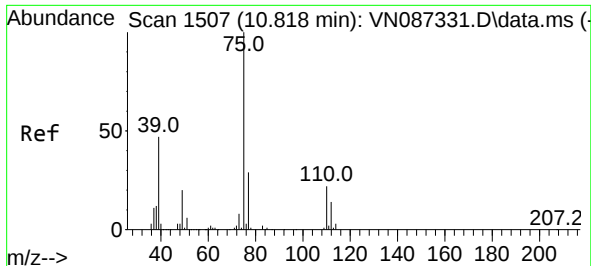
Tgt Ion: 43 Resp: 1122857
Ion Ratio Lower Upper
43 100
58 38.5 30.8 46.2



#52
Toluene
Concen: 53.814 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 92 Resp: 313806
Ion Ratio Lower Upper
92 100
91 168.9 135.1 202.7

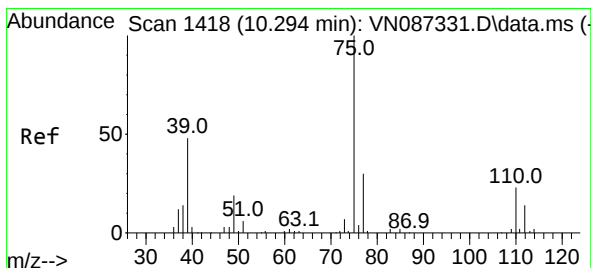
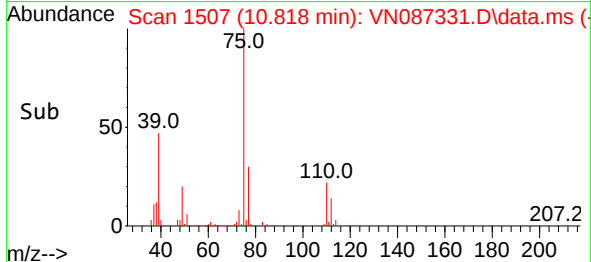
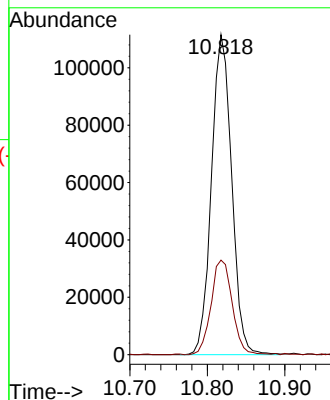
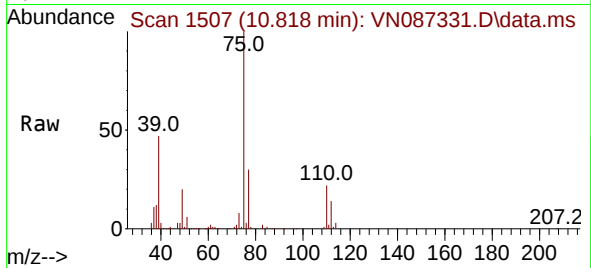




#53
 t-1,3-Dichloropropene
 Concen: 54.327 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

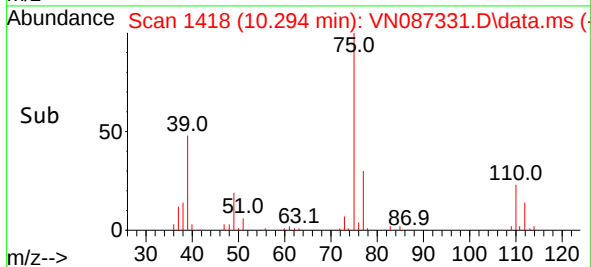
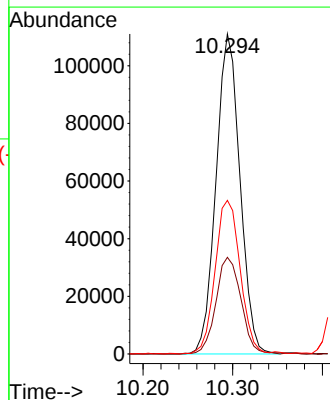
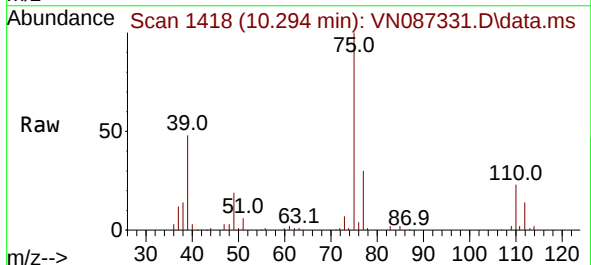
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

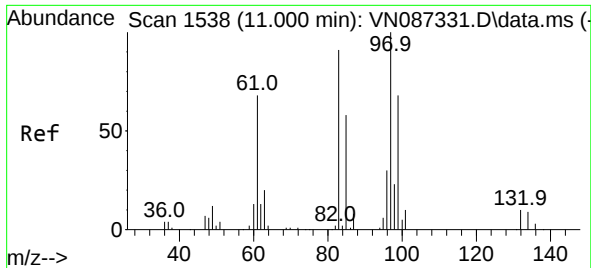
Tgt Ion: 75 Resp: 202129
 Ion Ratio Lower Upper
 75 100
 77 29.5 23.6 35.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.529 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Tgt Ion: 75 Resp: 205720
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.2 36.2
 39 48.0 38.4 57.6

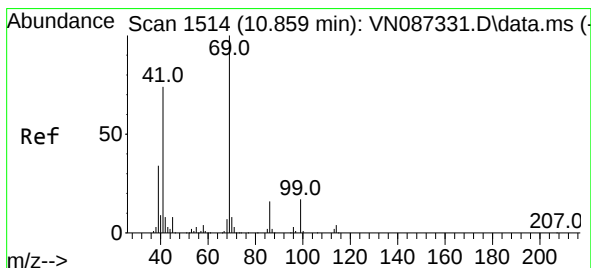
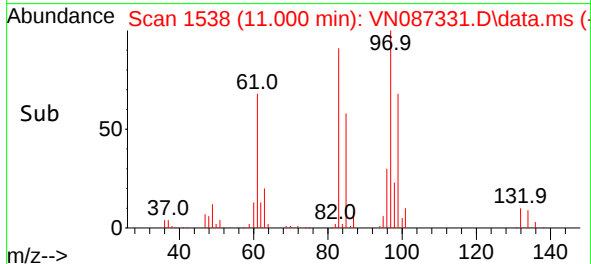
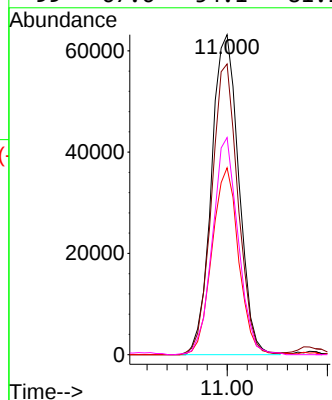
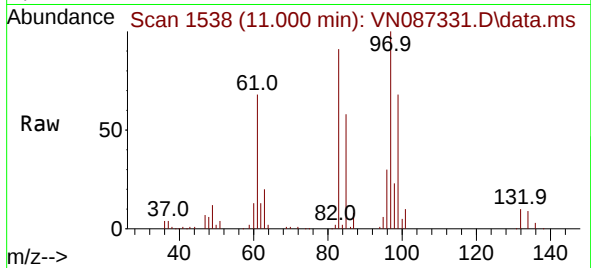




#55
1,1,2-Trichloroethane
Concen: 50.666 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

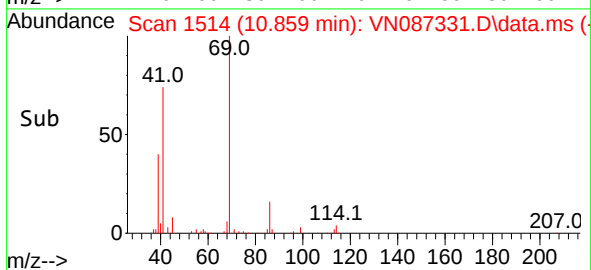
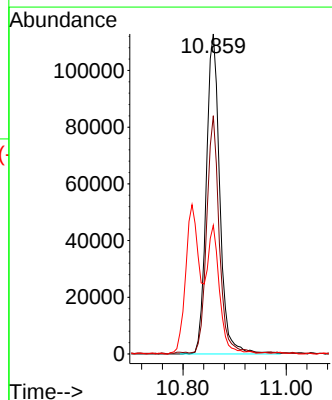
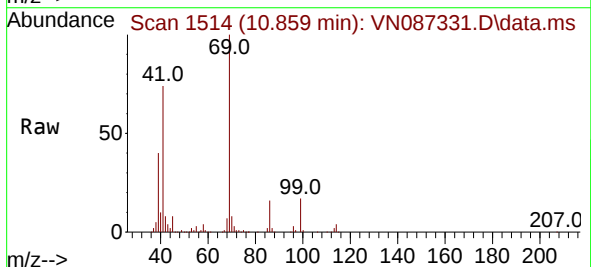
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

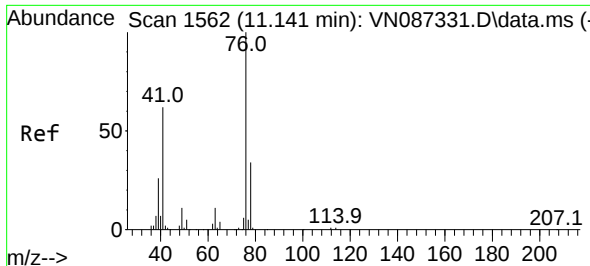
Tgt Ion:	97	Resp:	119612
Ion	Ratio	Lower	Upper
97	100		
83	90.8	72.6	109.0
85	58.4	46.7	70.1
99	67.6	54.1	81.1



#56
Ethyl methacrylate
Concen: 51.427 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:	69	Resp:	204376
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.1	82.7
39	34.9	27.9	41.9

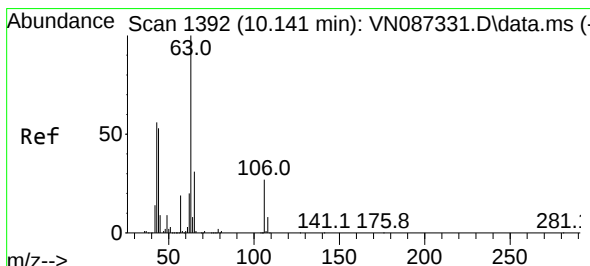
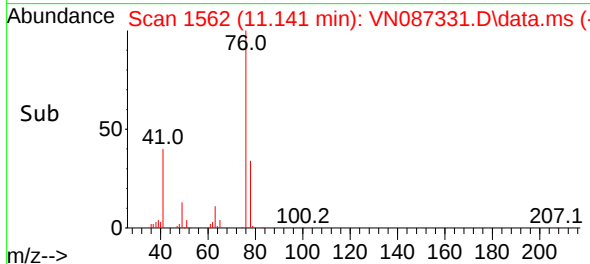
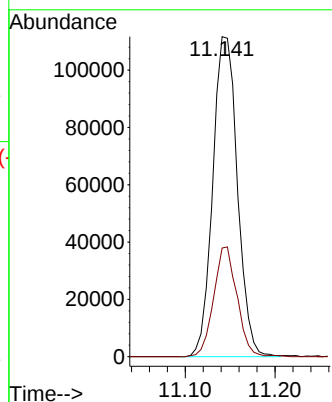
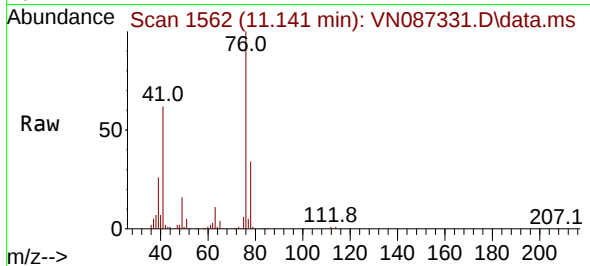




#57
1,3-Dichloropropane
Concen: 52.267 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

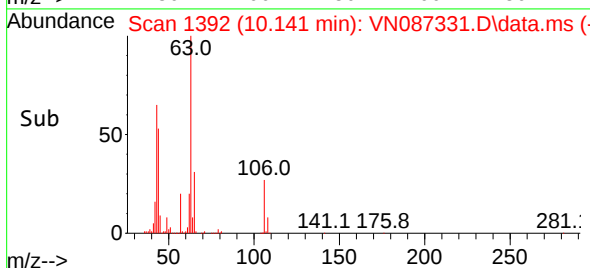
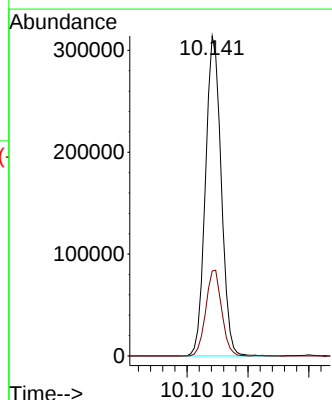
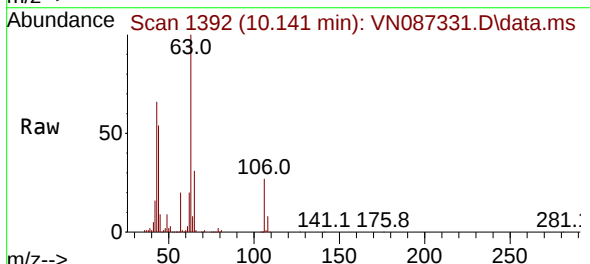
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

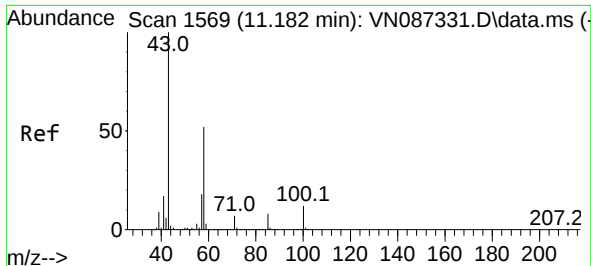
Tgt Ion: 76 Resp: 213343
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 290.607 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 63 Resp: 562790
Ion Ratio Lower Upper
63 100
106 27.1 21.7 32.5

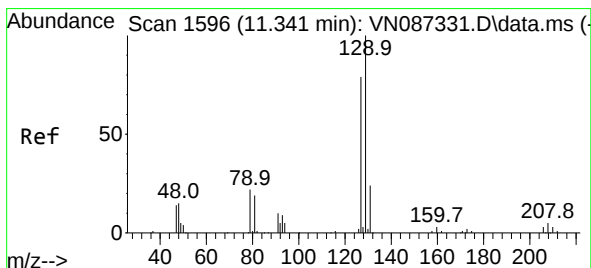
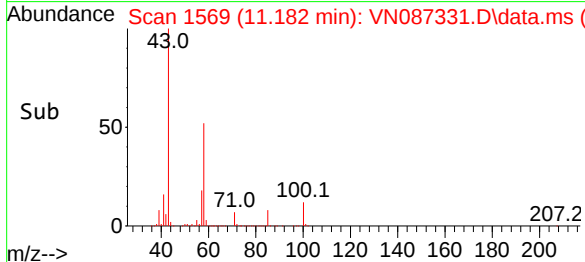
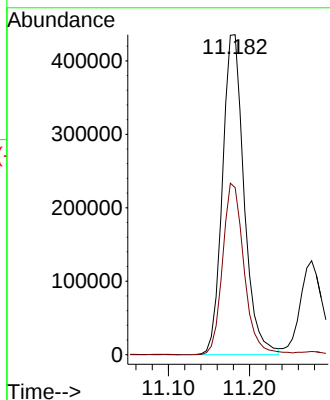
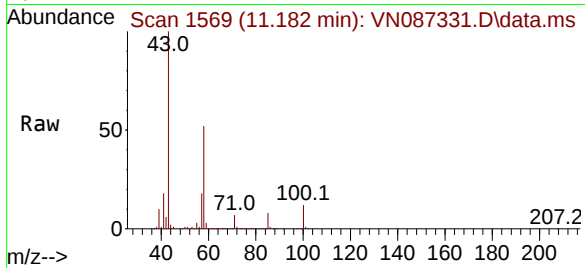




#59
2-Hexanone
Concen: 288.920 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

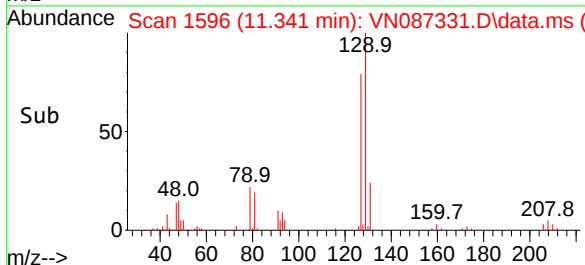
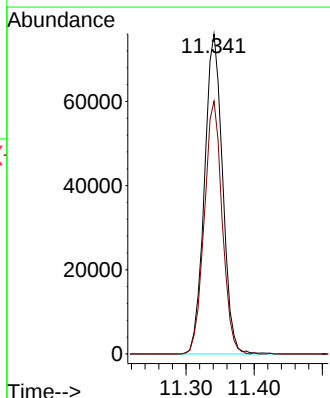
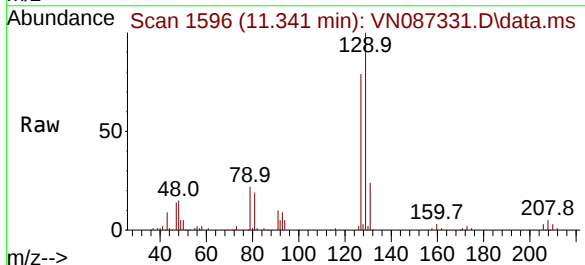
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

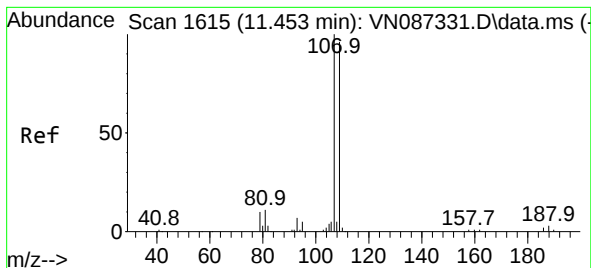
Tgt Ion: 43 Resp: 806824
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.0



#60
Dibromochloromethane
Concen: 51.982 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 129 Resp: 139955
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5

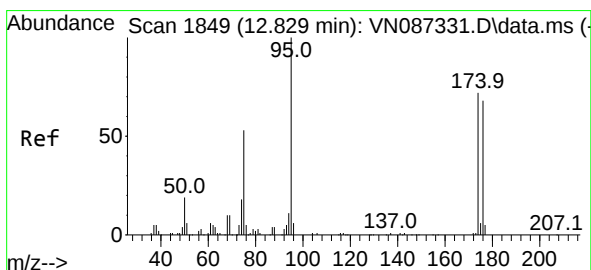
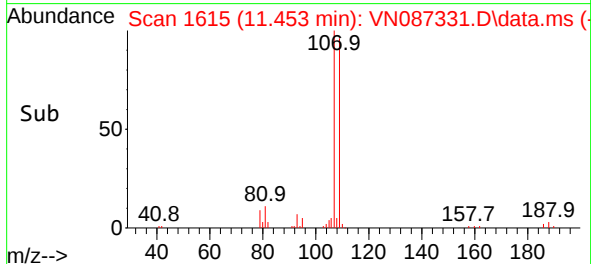
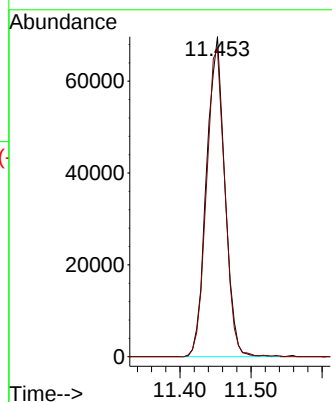
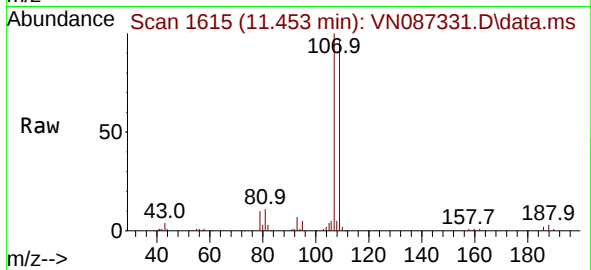




#61
1,2-Dibromoethane
Concen: 50.525 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

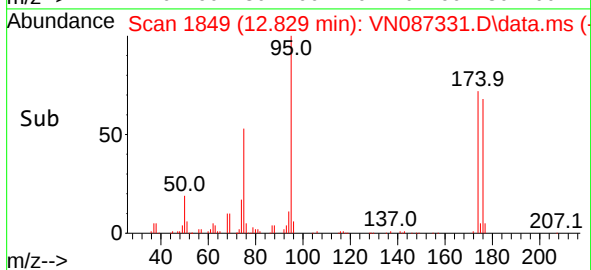
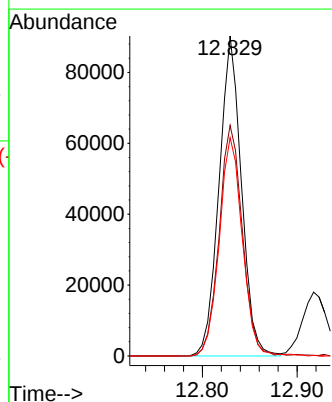
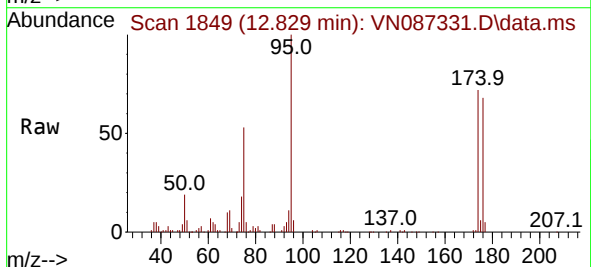
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

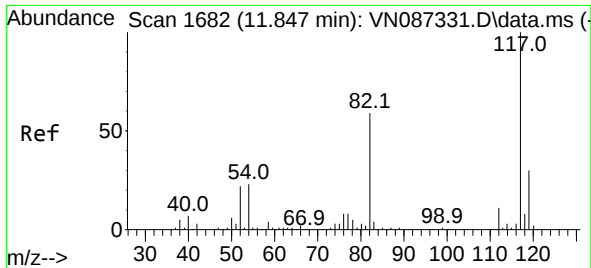
Tgt Ion:107 Resp: 125416
Ion Ratio Lower Upper
107 100
109 96.9 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 50.037 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 95 Resp: 148158
Ion Ratio Lower Upper
95 100
174 74.7 0.0 149.4
176 70.6 0.0 141.2

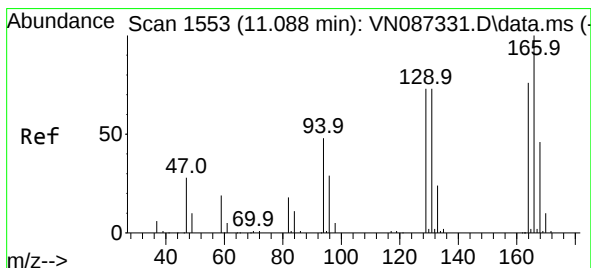
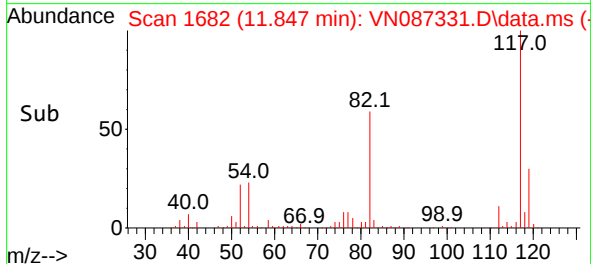
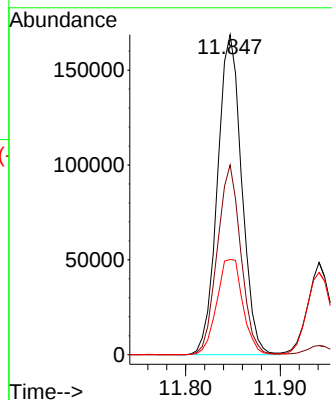
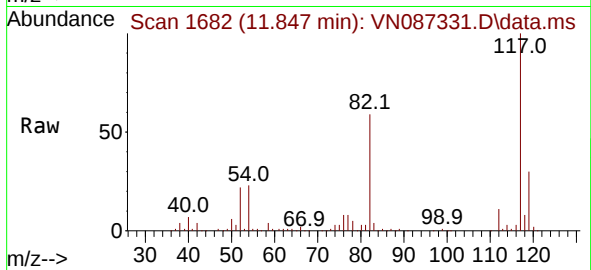




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

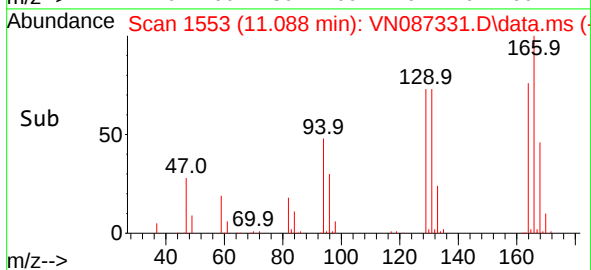
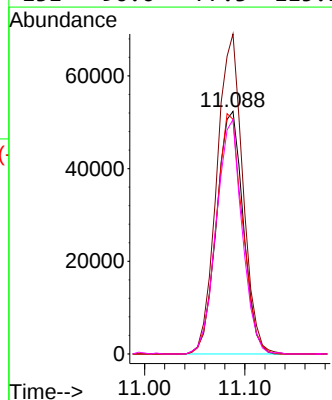
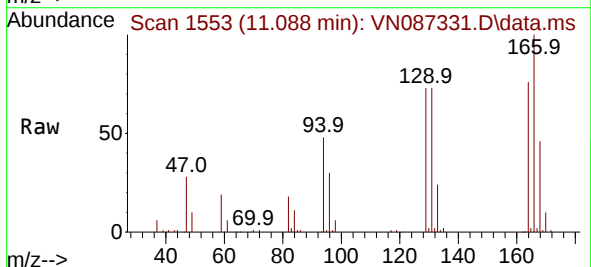
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

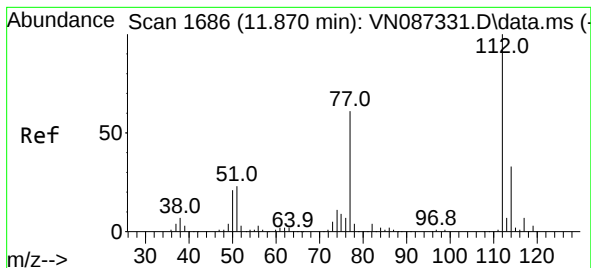
Tgt Ion:117 Resp: 300150
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 29.8 23.8 35.8



#64
Tetrachloroethene
Concen: 49.786 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:164 Resp: 96176
Ion Ratio Lower Upper
164 100
166 131.9 105.5 158.3
129 96.8 77.4 116.2
131 96.6 77.3 115.9





#65

Chlorobenzene

Concen: 49.837 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

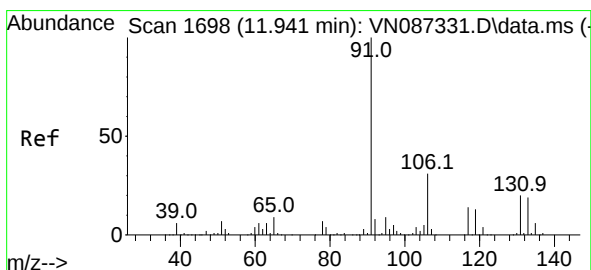
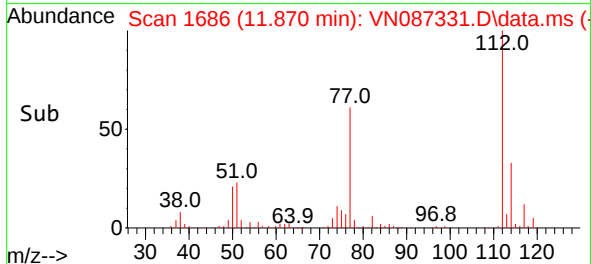
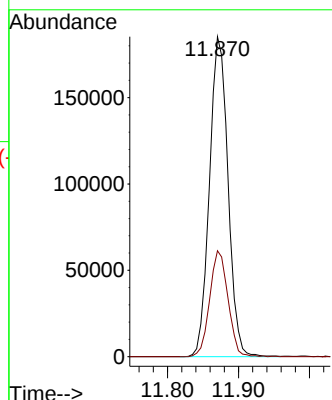
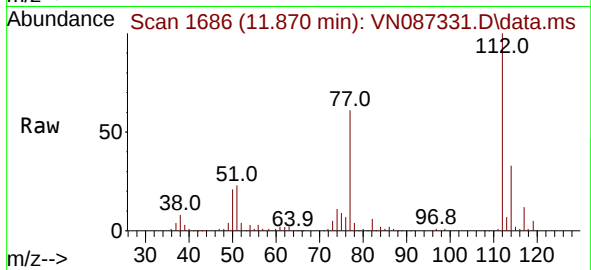
VSTDICCC050

Tgt Ion:112 Resp: 335833

Ion Ratio Lower Upper

112 100

114 33.1 26.5 39.7



#66

1,1,1,2-Tetrachloroethane

Concen: 51.425 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

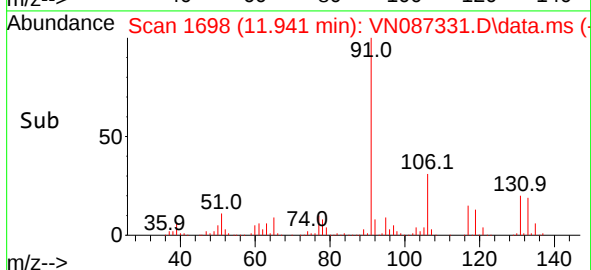
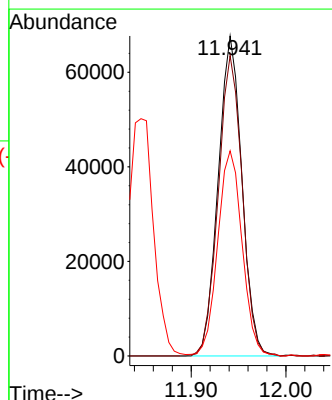
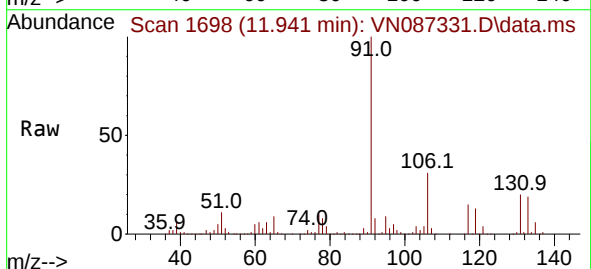
Tgt Ion:131 Resp: 117833

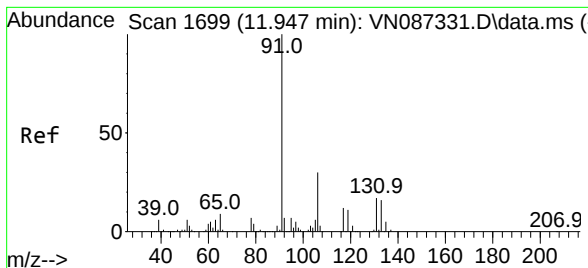
Ion Ratio Lower Upper

131 100

133 94.9 47.4 142.3

119 66.1 33.1 99.2





#67

Ethyl Benzene

Concen: 52.540 ug/l

RT: 11.947 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

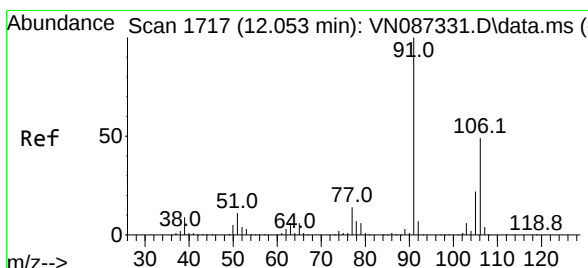
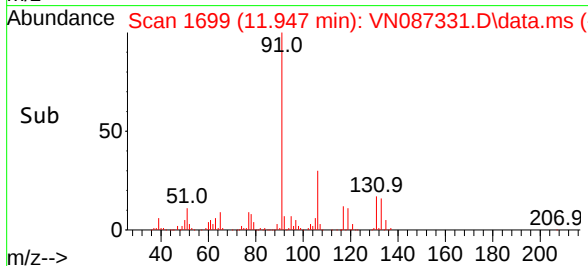
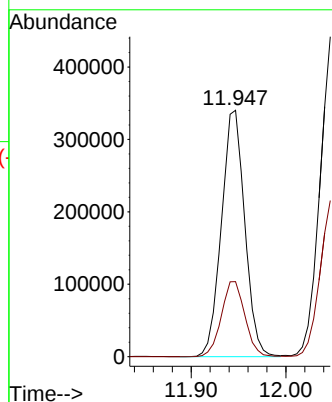
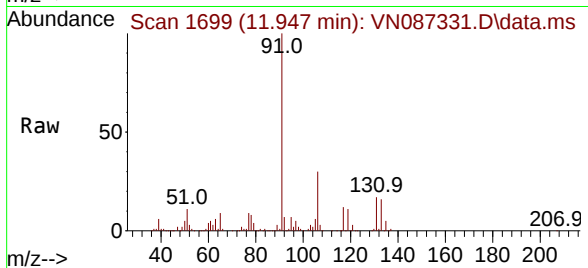
VSTDICCC050

Tgt Ion: 91 Resp: 582851

Ion Ratio Lower Upper

91 100

106 30.4 24.3 36.5



#68

m/p-Xylenes

Concen: 109.536 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VN087331.D

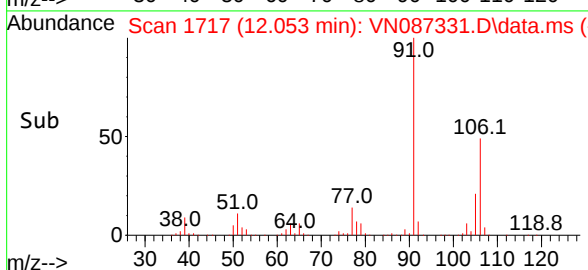
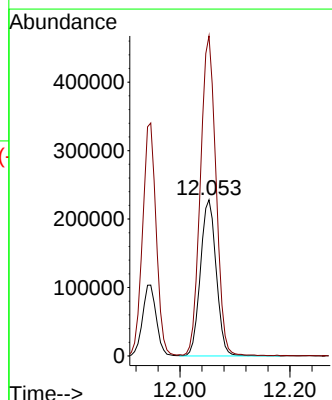
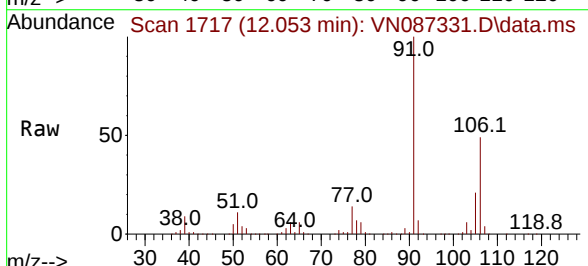
Acq: 16 Jul 2025 18:11

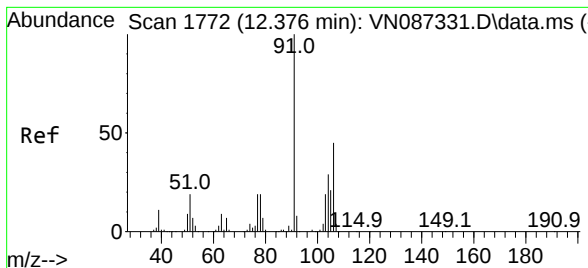
Tgt Ion:106 Resp: 455017

Ion Ratio Lower Upper

106 100

91 202.5 162.0 243.0





#69

o-Xylene

Concen: 54.717 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

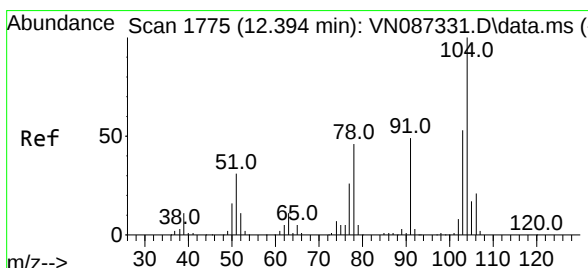
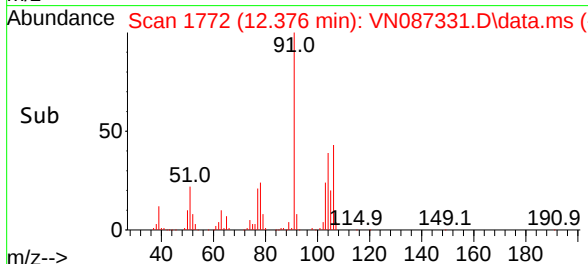
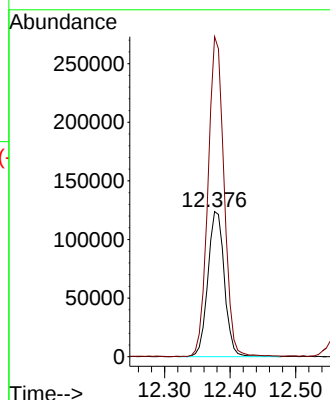
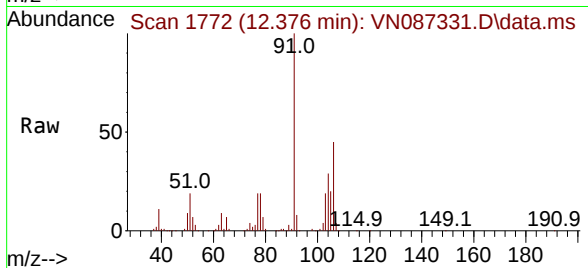
VSTDICCC050

Tgt Ion:106 Resp: 217121

Ion Ratio Lower Upper

106 100

91 215.5 107.7 323.3



#70

Styrene

Concen: 56.440 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

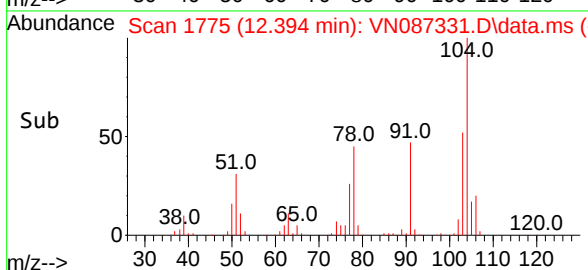
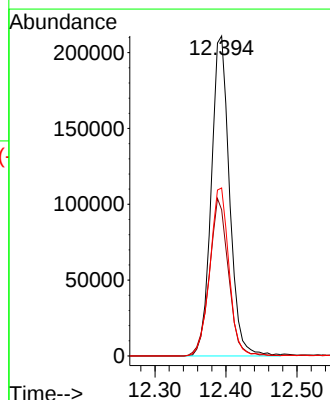
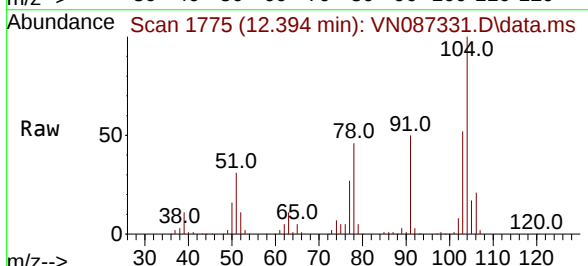
Tgt Ion:104 Resp: 376745

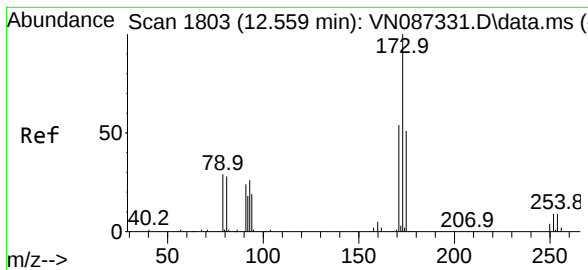
Ion Ratio Lower Upper

104 100

78 51.3 41.0 61.6

103 54.9 43.9 65.9

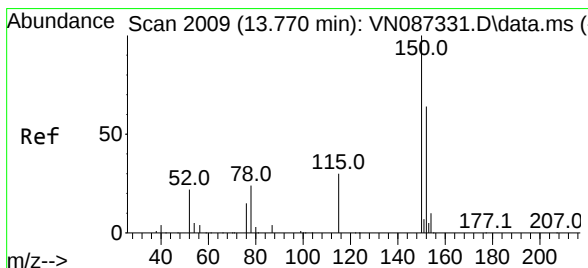
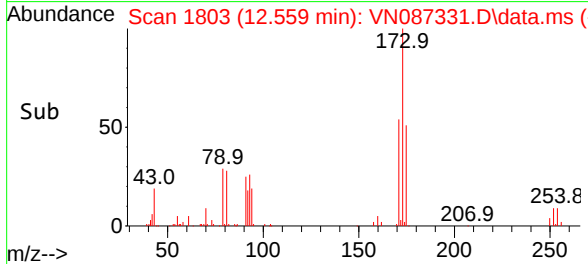
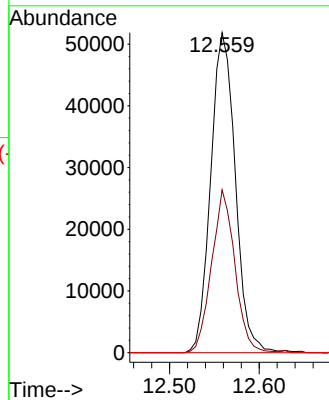
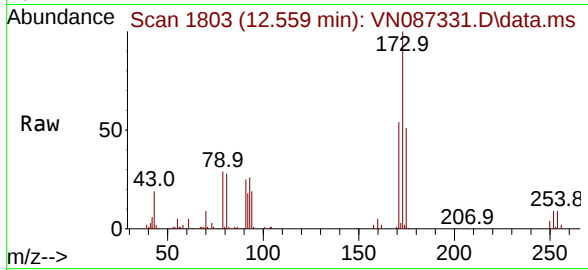




#71
Bromoform
Concen: 53.237 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

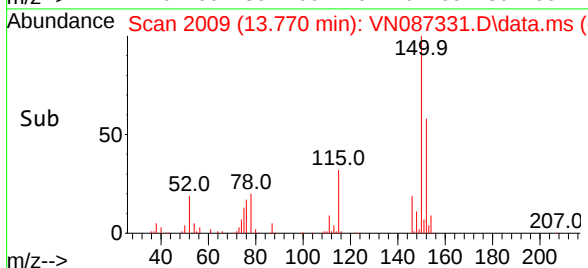
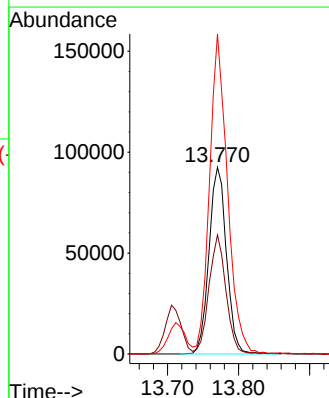
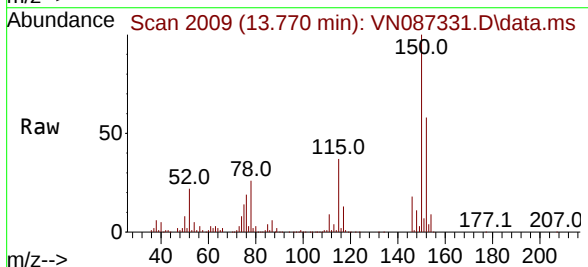
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

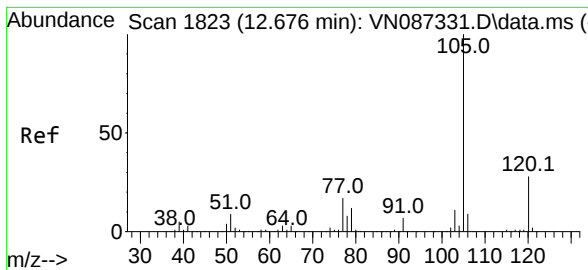
Tgt Ion:173 Resp: 98549
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:152 Resp: 158477
Ion Ratio Lower Upper
152 100
115 62.3 31.1 93.5
150 174.5 0.0 349.0

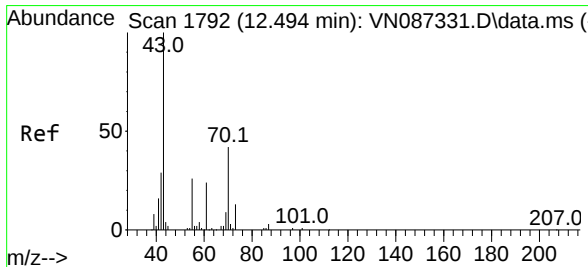
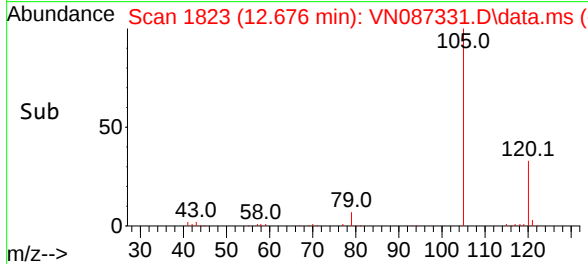
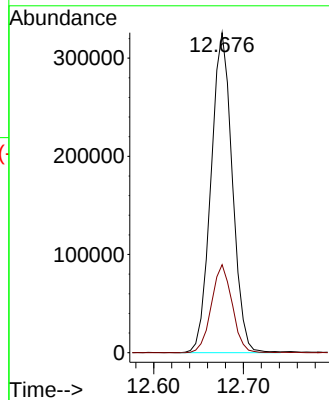
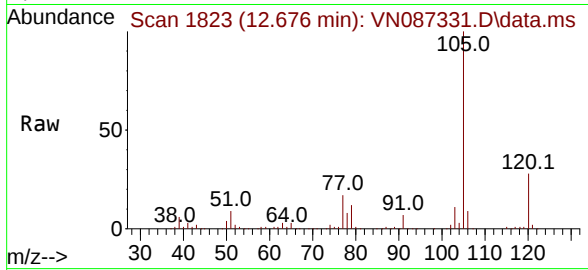




#73
Isopropylbenzene
Concen: 53.964 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

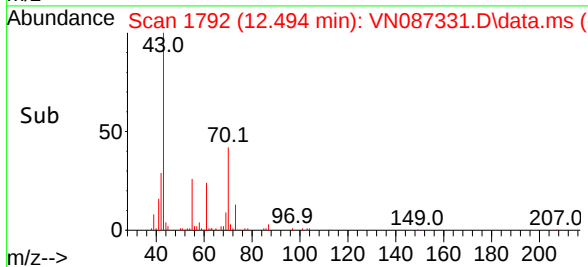
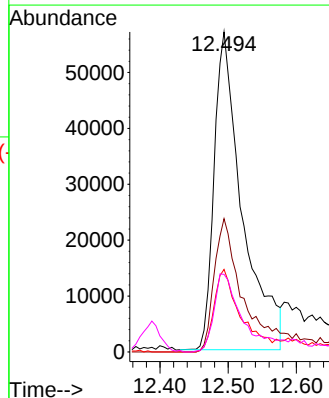
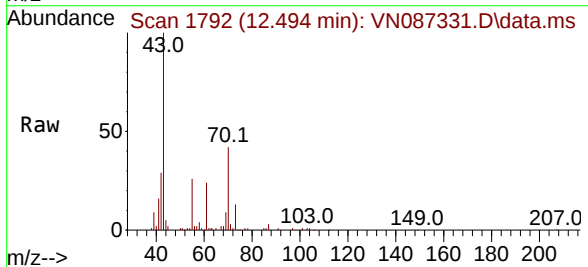
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

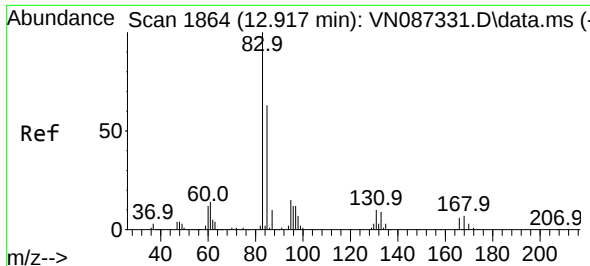
Tgt Ion:105 Resp: 538245
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 41.939 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 163321
Ion Ratio Lower Upper
43 100
70 47.0 37.6 56.4
55 24.5 19.6 29.4
61 25.8 20.6 31.0

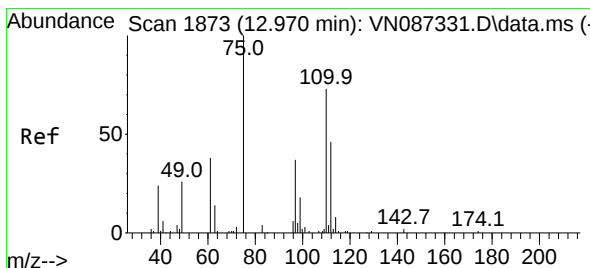
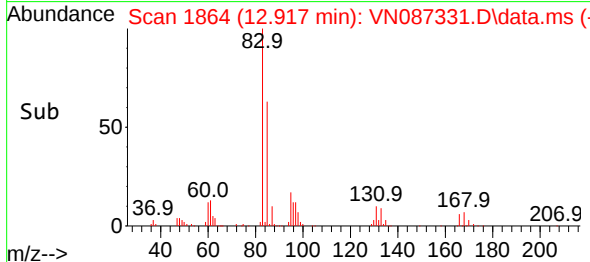
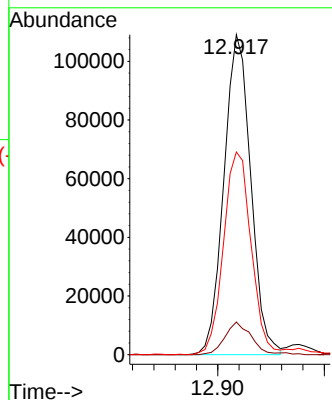
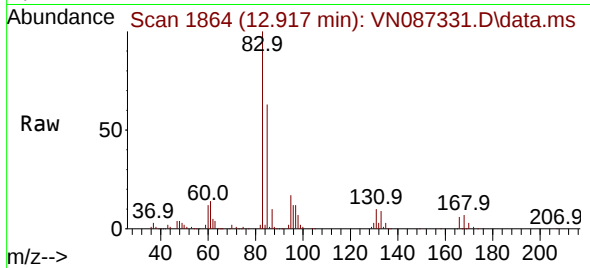




#75
1,1,2,2-Tetrachloroethane
Concen: 50.964 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

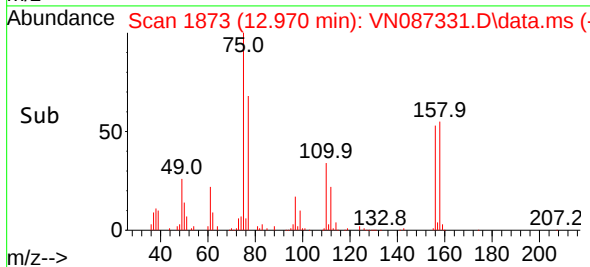
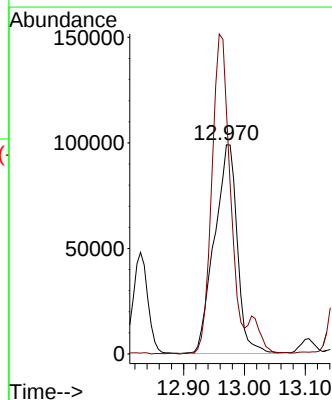
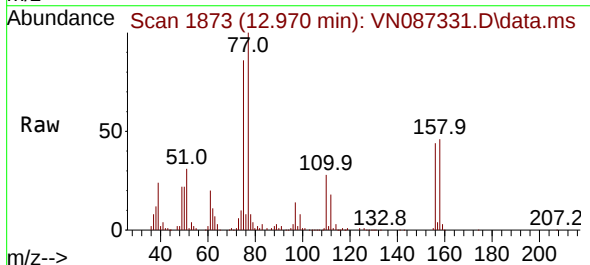
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

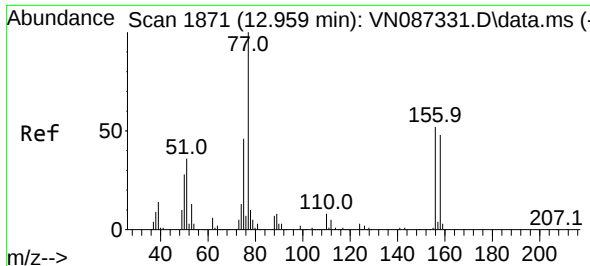
Tgt Ion: 83 Resp: 191273
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.9 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 73.446 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 75 Resp: 258231
Ion Ratio Lower Upper
75 100
77 122.4 94.5 283.6

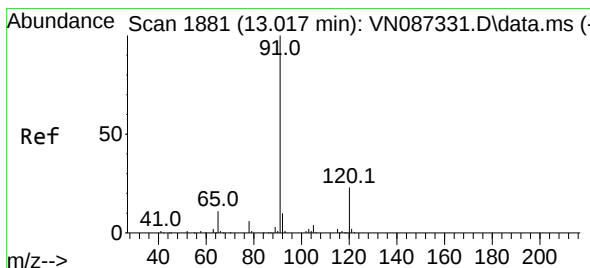
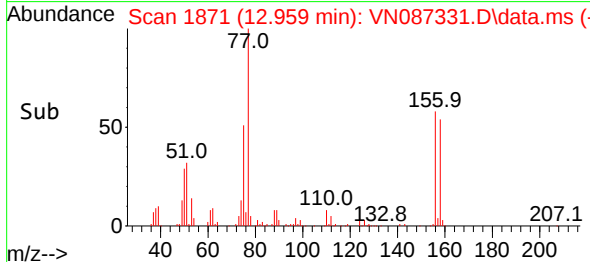
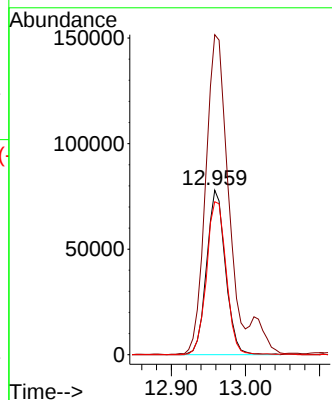
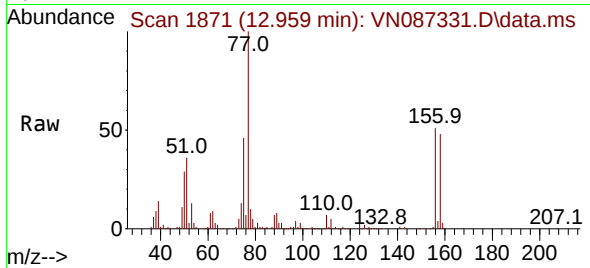




#77
Bromobenzene
Concen: 53.221 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

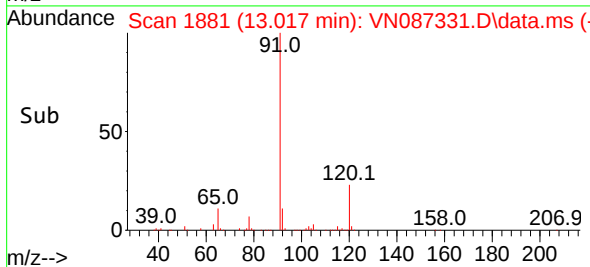
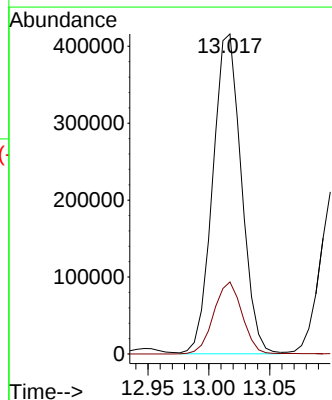
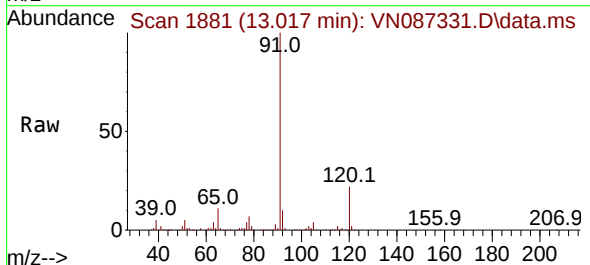
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

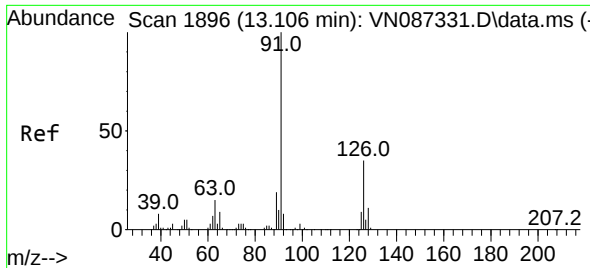
Tgt Ion:156 Resp: 137669
Ion Ratio Lower Upper
156 100
77 229.7 114.9 344.6
158 97.0 48.5 145.5



#78
n-propylbenzene
Concen: 54.227 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 91 Resp: 680506
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

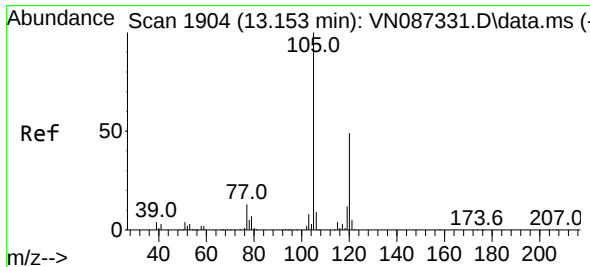
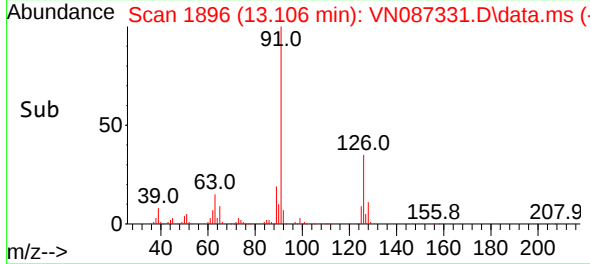
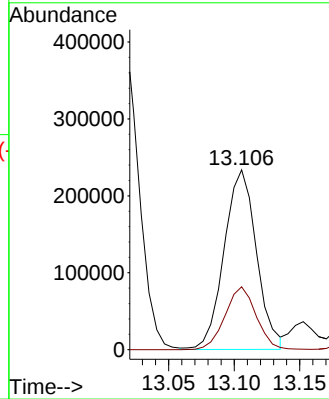
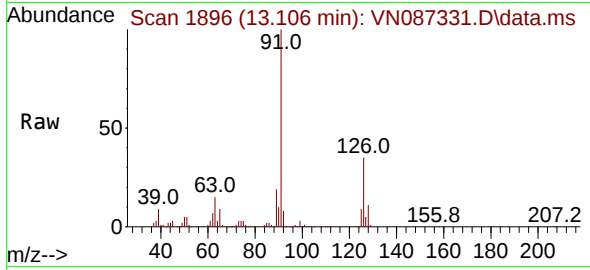




#79
2-Chlorotoluene
Concen: 52.051 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

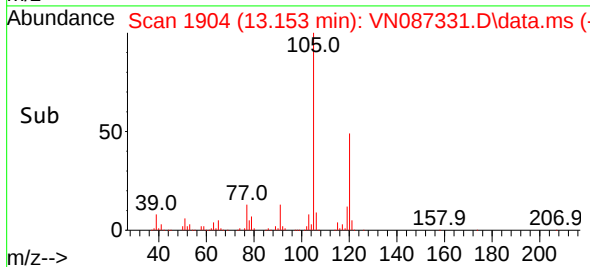
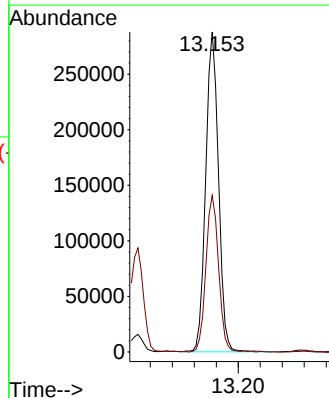
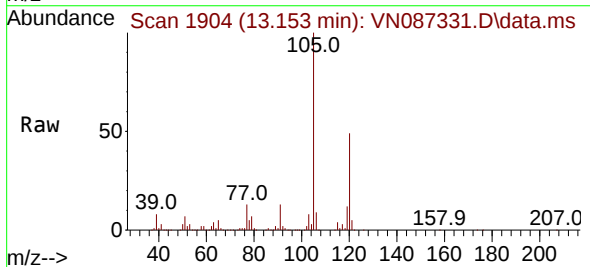
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

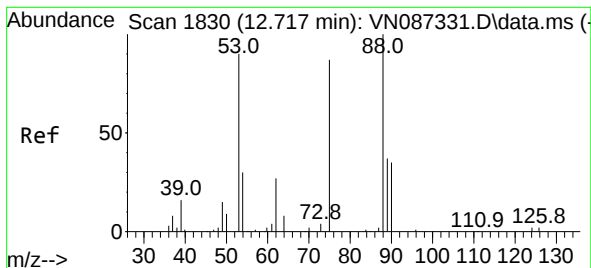
Tgt Ion: 91 Resp: 401444
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.607 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 105 Resp: 464063
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

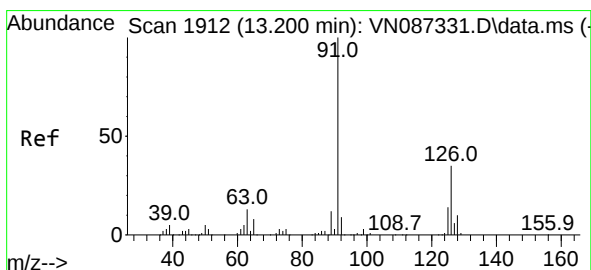
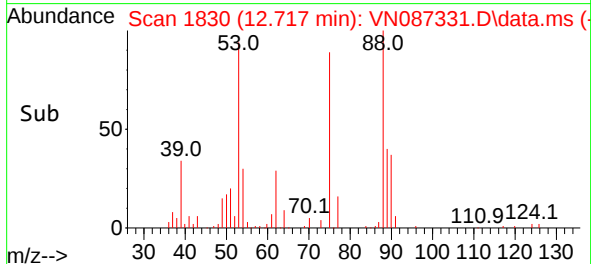
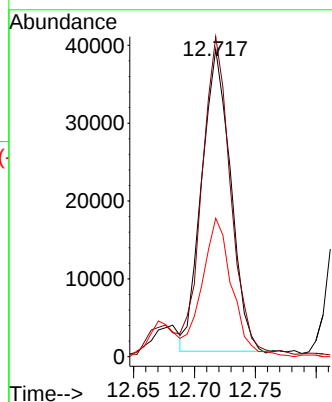
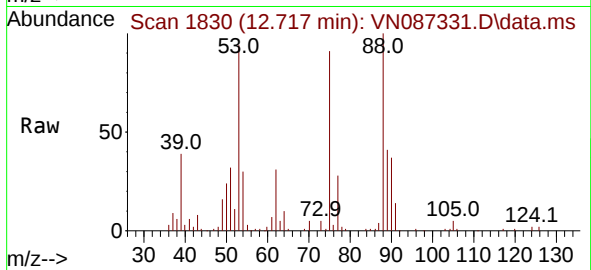




#81
trans-1,4-Dichloro-2-butene
Concen: 49.271 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

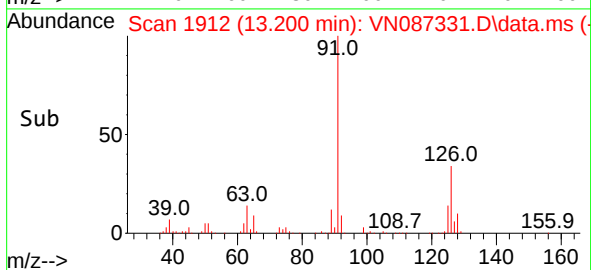
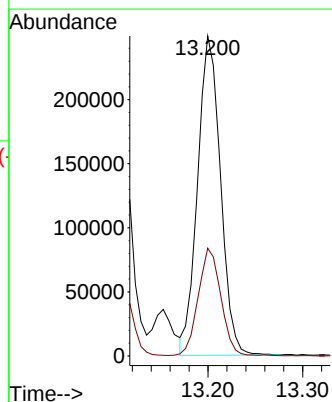
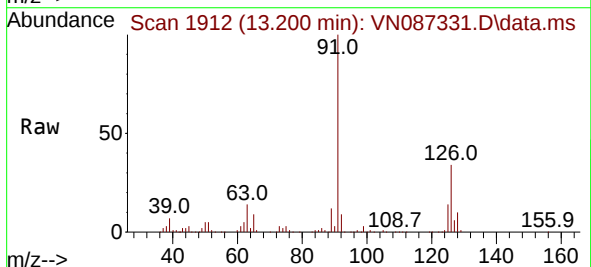
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

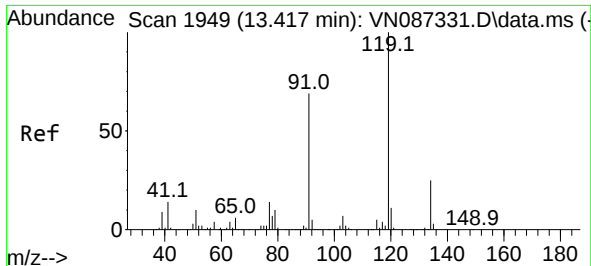
Tgt Ion: 75 Resp: 63993
Ion Ratio Lower Upper
75 100
53 104.5 83.5 125.3
89 48.0 38.4 57.6



#82
4-Chlorotoluene
Concen: 52.240 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 91 Resp: 419474
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

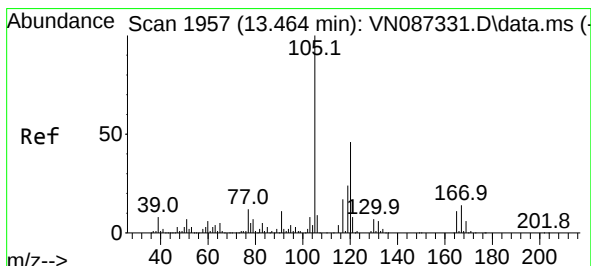
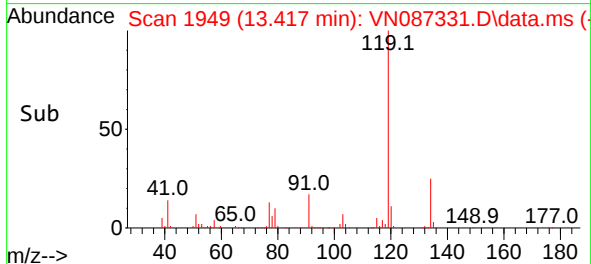
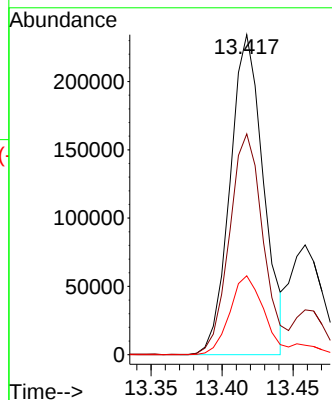
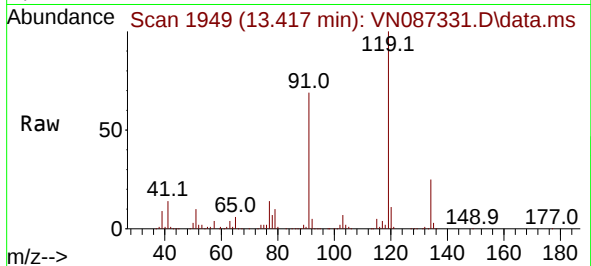




#83
tert-Butylbenzene
Concen: 54.099 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

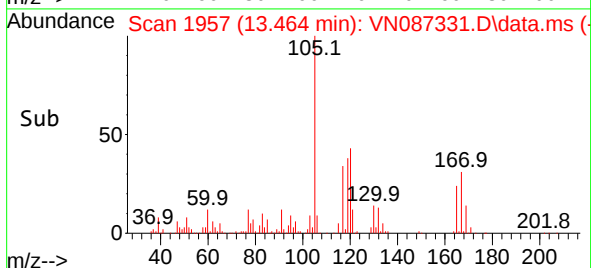
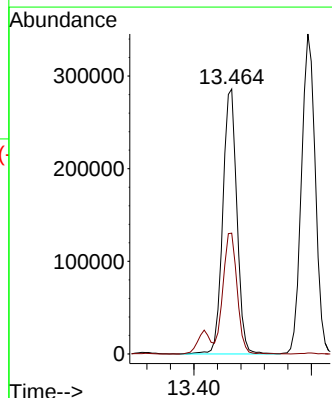
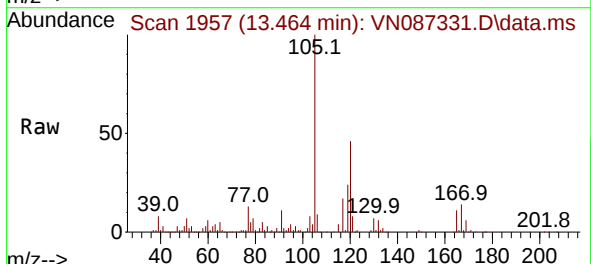
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

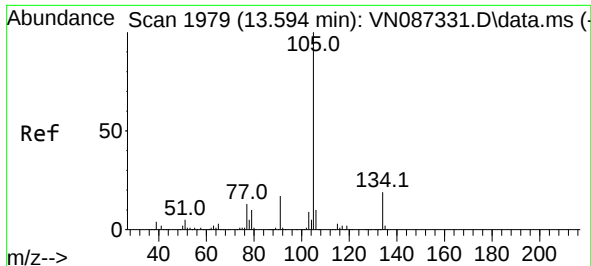
Tgt Ion:119 Resp: 383986
Ion Ratio Lower Upper
119 100
91 70.1 35.0 105.1
134 25.1 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 54.846 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:105 Resp: 475982
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.3

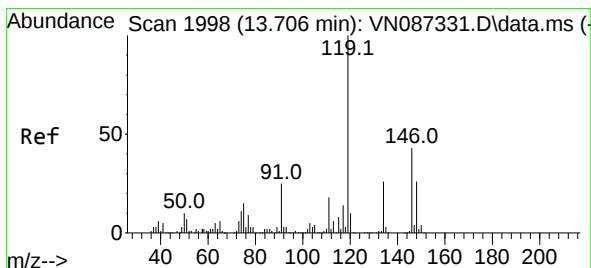
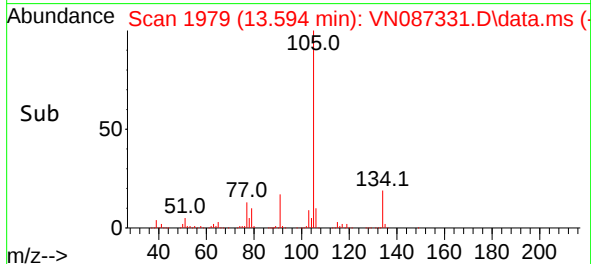
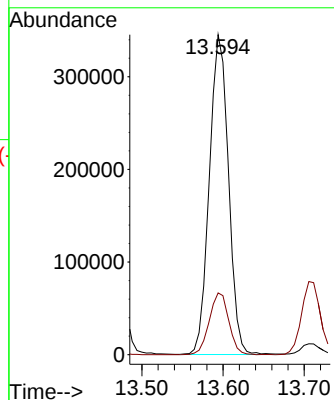
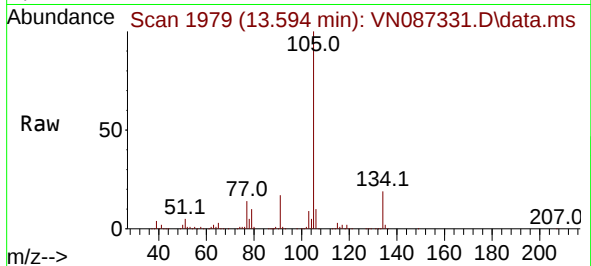




#85
sec-Butylbenzene
Concen: 52.851 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

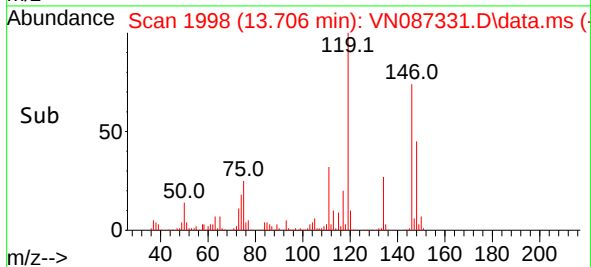
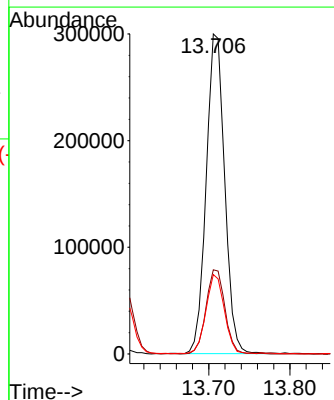
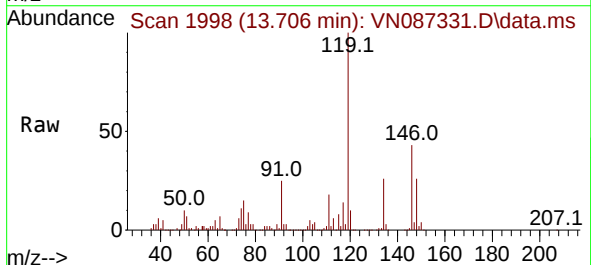
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

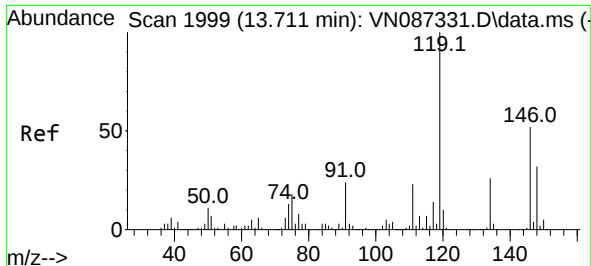
Tgt Ion:105 Resp: 565038
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.4



#86
p-Isopropyltoluene
Concen: 55.316 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:119 Resp: 473942
Ion Ratio Lower Upper
119 100
134 27.0 13.5 40.5
91 24.4 12.2 36.6

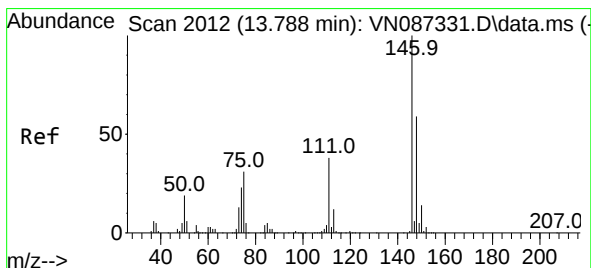
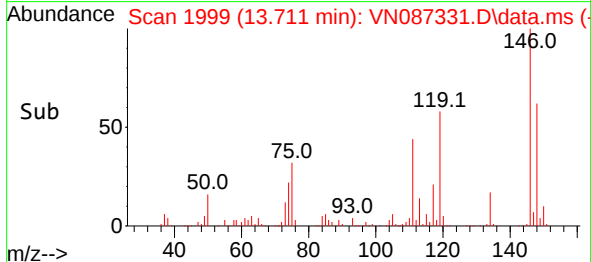
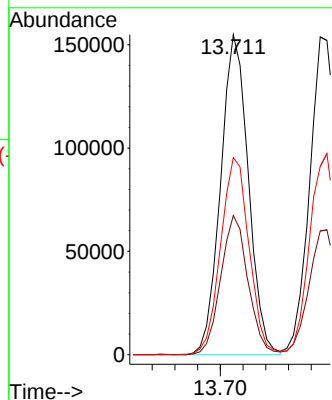
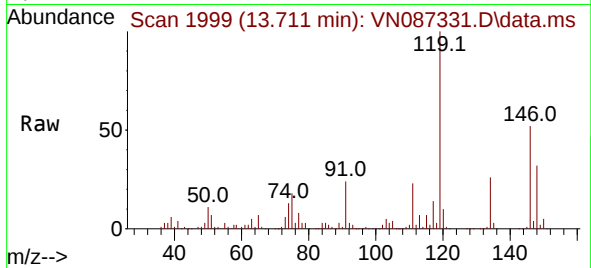




#87
 1,3-Dichlorobenzene
 Concen: 51.740 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

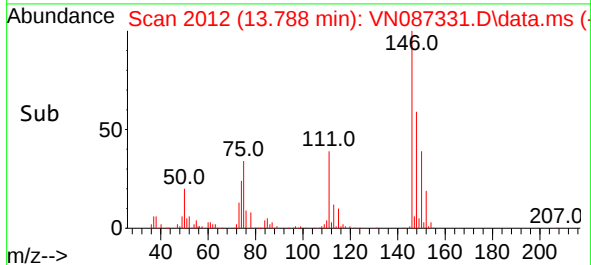
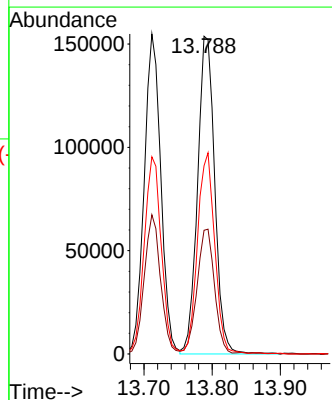
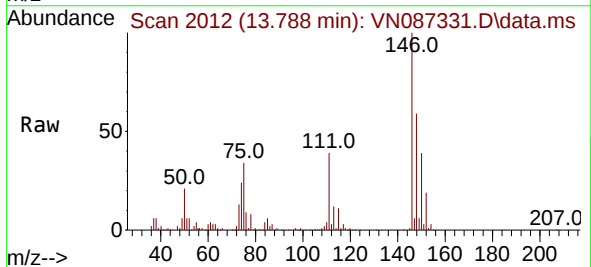
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

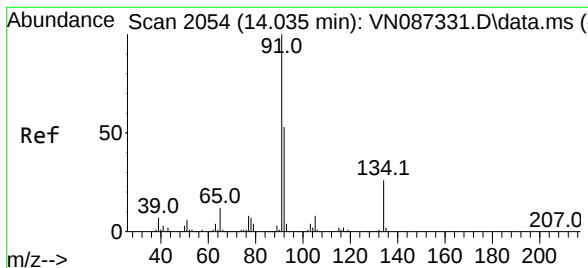
Tgt Ion:146 Resp: 262675
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.773 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Tgt Ion:146 Resp: 269881
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 62.7 31.4 94.0

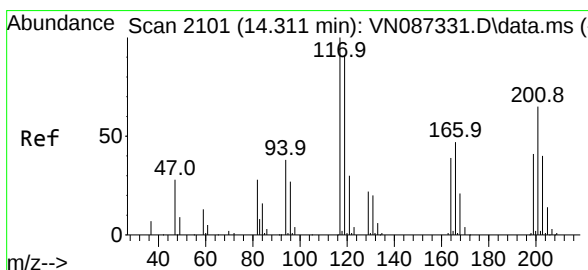
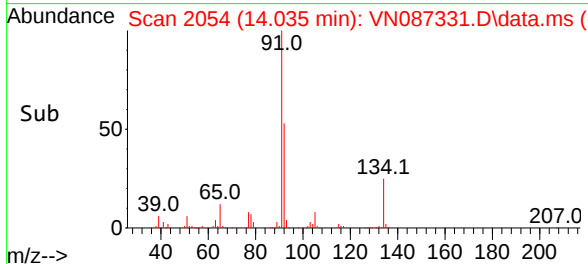
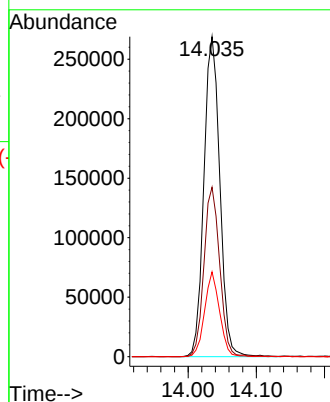
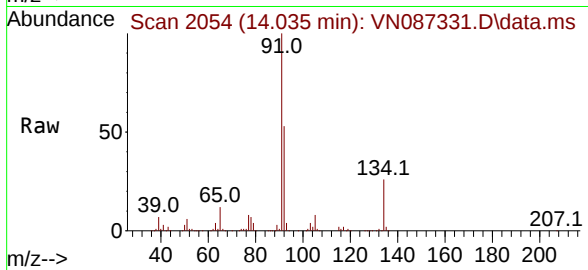




#89
n-Butylbenzene
Concen: 53.478 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

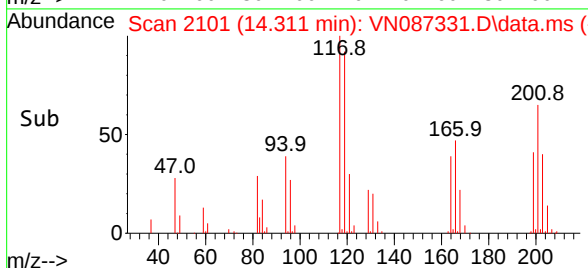
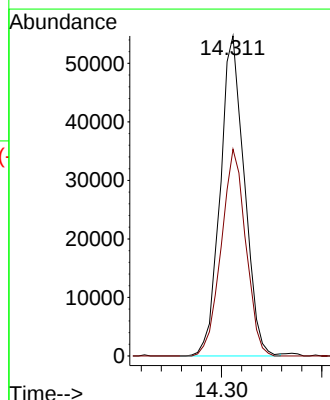
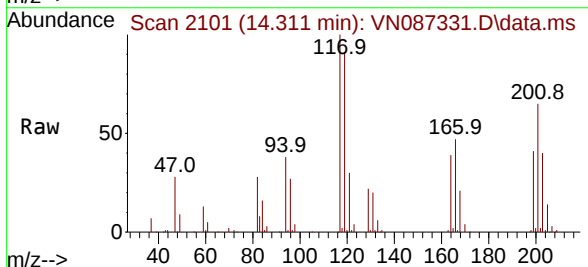
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

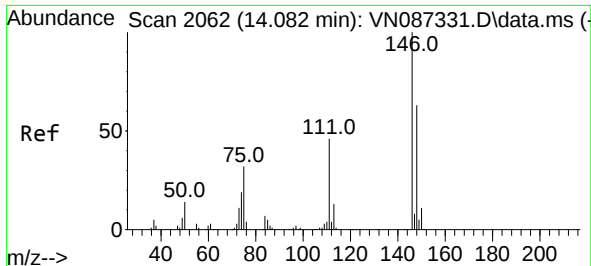
Tgt Ion: 91 Resp: 437514
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 50.301 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 117 Resp: 91313
Ion Ratio Lower Upper
117 100
201 65.6 32.8 98.4

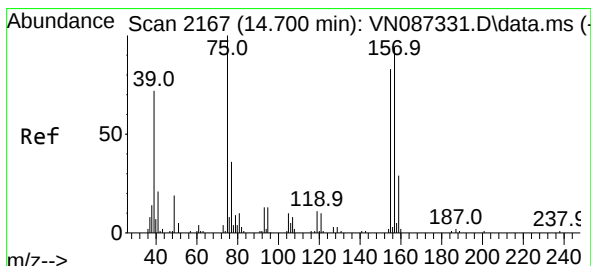
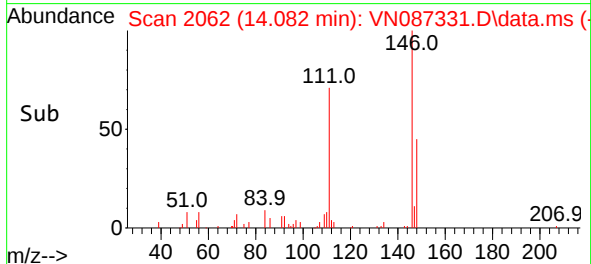
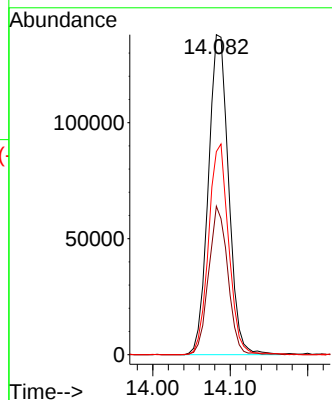
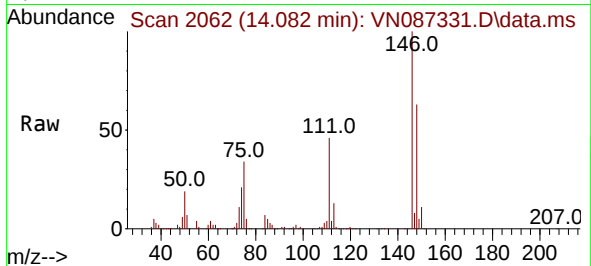




#91
1,2-Dichlorobenzene
Concen: 51.977 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

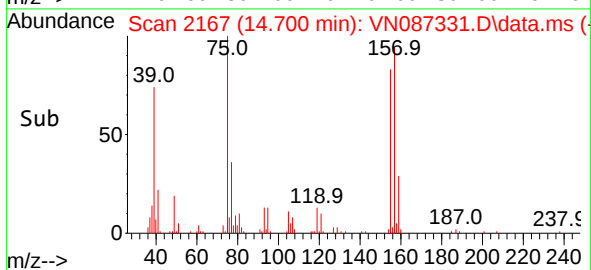
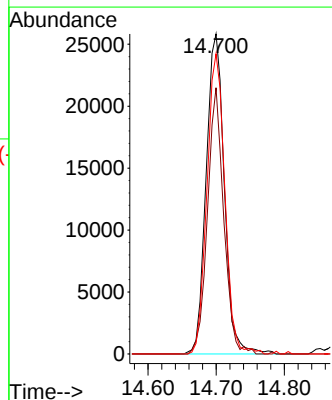
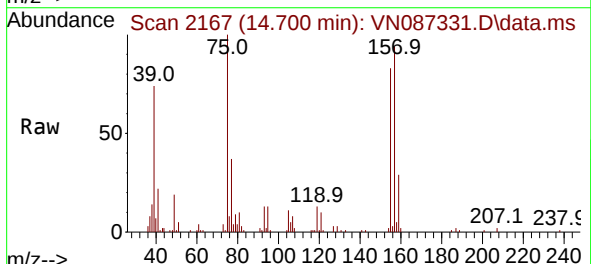
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

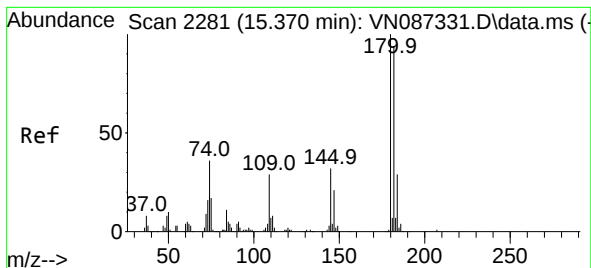
Tgt Ion:146 Resp: 249988
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 65.4 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.643 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 75 Resp: 47931
Ion Ratio Lower Upper
75 100
155 74.5 37.3 111.8
157 92.4 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 52.553 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

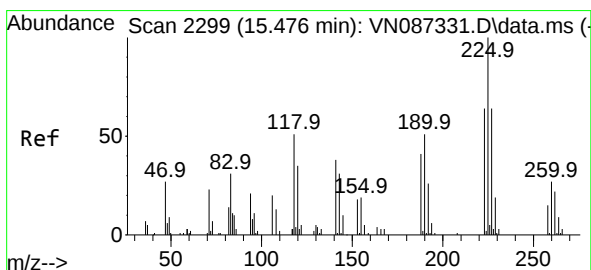
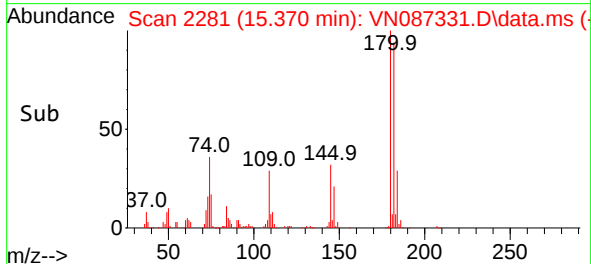
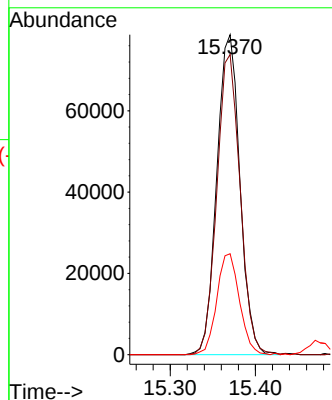
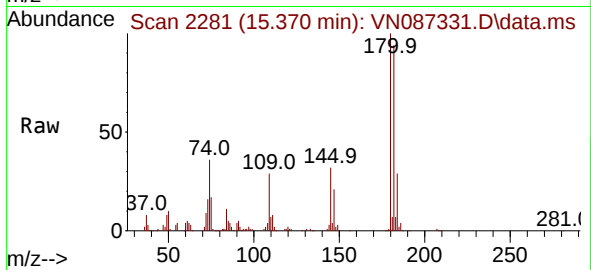
Tgt Ion:180 Resp: 148472

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 30.9 15.4 46.4



#94

Hexachlorobutadiene

Concen: 49.659 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

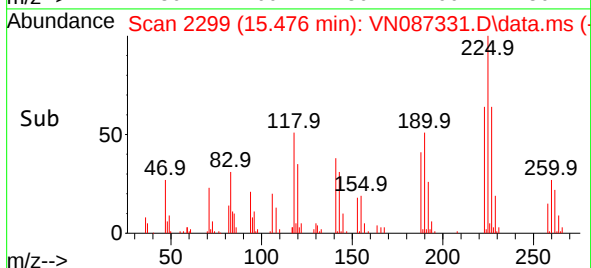
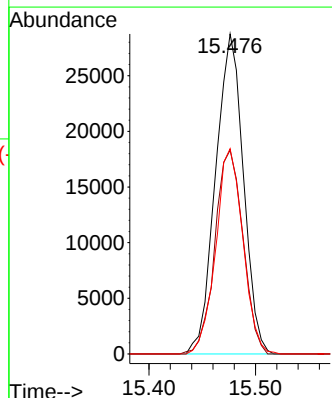
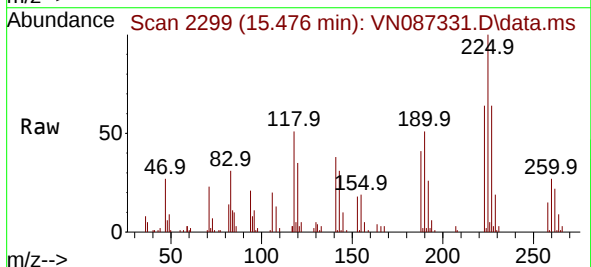
Tgt Ion:225 Resp: 52130

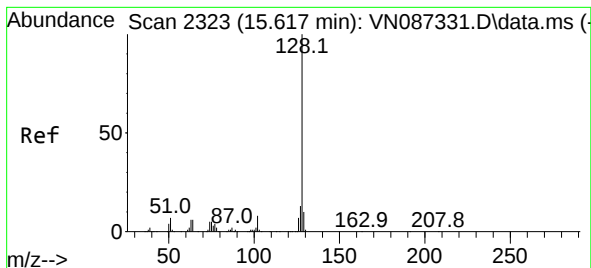
Ion Ratio Lower Upper

225 100

223 64.2 32.1 96.3

227 62.6 31.3 93.9





#95

Naphthalene

Concen: 54.490 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

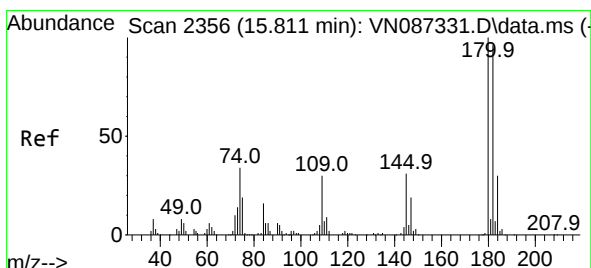
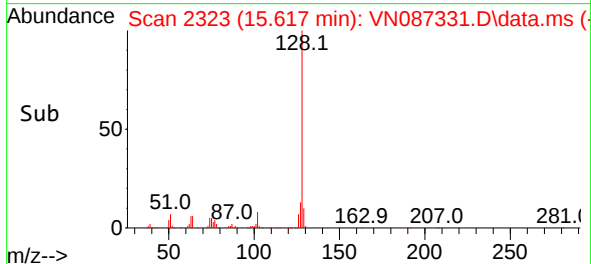
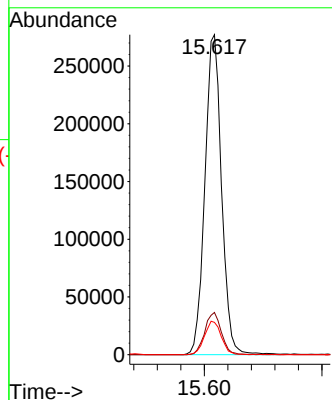
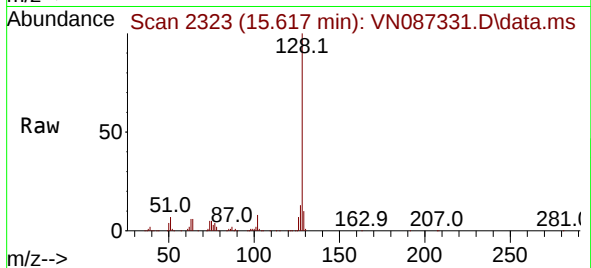
Tgt Ion:128 Resp: 545367

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.5 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.547 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Tgt Ion:180 Resp: 146080

Ion Ratio Lower Upper

180 100

182 94.3 47.1 141.4

145 33.7 16.9 50.6

