

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086504.D
 Acq On : 06 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 07 02:53:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	338775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	314072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155373	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130550	48.151	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.300%
35) Dibromofluoromethane	8.165	113	84639	53.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.660%
50) Toluene-d8	10.565	98	399114	47.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.000%
62) 4-Bromofluorobenzene	12.847	95	155922	50.872	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96414	43.500	ug/l	98
3) Chloromethane	2.360	50	128807	39.987	ug/l	96
4) Vinyl Chloride	2.512	62	122759	39.936	ug/l	98
5) Bromomethane	2.954	94	75110	54.322	ug/l	96
6) Chloroethane	3.118	64	84296	40.974	ug/l	99
7) Trichlorofluoromethane	3.501	101	160328	47.087	ug/l	99
8) Diethyl Ether	3.959	74	73202	49.246	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	97567	47.367	ug/l	97
10) Methyl Iodide	4.583	142	128968	56.950	ug/l	98
11) Tert butyl alcohol	5.512	59	113258	228.947	ug/l	100
12) 1,1-Dichloroethene	4.342	96	97515	44.312	ug/l	99
13) Acrolein	4.177	56	67136	293.679	ug/l	96
14) Allyl chloride	5.024	41	153180	39.156	ug/l	93
15) Acrylonitrile	5.712	53	287153	234.814	ug/l	99
16) Acetone	4.424	43	229166	244.342	ug/l	99
17) Carbon Disulfide	4.712	76	255907	38.837	ug/l	98
18) Methyl Acetate	5.018	43	135966	41.778	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	404824	50.044	ug/l	98
20) Methylene Chloride	5.271	84	123698	49.351	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	110590	48.068	ug/l	91
22) Diisopropyl ether	6.671	45	385514	45.301	ug/l	97
23) Vinyl Acetate	6.600	43	1390916	233.806	ug/l	97
24) 1,1-Dichloroethane	6.565	63	208432	46.419	ug/l	99
25) 2-Butanone	7.477	43	378939	224.541	ug/l	96
26) 2,2-Dichloropropane	7.489	77	187192	46.561	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	144092	50.460	ug/l	93
28) Bromochloromethane	7.812	49	81811	42.971	ug/l	86
29) Tetrahydrofuran	7.836	42	249166	220.791	ug/l	94
30) Chloroform	7.959	83	221894	50.306	ug/l	99
31) Cyclohexane	8.253	56	171927	39.129	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	181942	48.218	ug/l	99
36) 1,1-Dichloropropene	8.371	75	147497	46.967	ug/l	98
37) Ethyl Acetate	7.553	43	152654	46.172	ug/l	99
38) Carbon Tetrachloride	8.359	117	151505	50.659	ug/l	99
39) Methylcyclohexane	9.594	83	167497	44.873	ug/l	98
40) Benzene	8.600	78	495357	49.232	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	88517	46.194	ug/l	96
42) 1,2-Dichloroethane	8.665	62	173196	53.978	ug/l	100
43) Isopropyl Acetate	8.683	43	281871	47.497	ug/l	96
44) Trichloroethene	9.347	130	128400	53.841	ug/l	95
45) 1,2-Dichloropropane	9.618	63	121835	49.467	ug/l	99
46) Dibromomethane	9.706	93	88683	56.513	ug/l	96
47) Bromodichloromethane	9.883	83	183659	54.188	ug/l	97
48) Methyl methacrylate	9.677	41	132393	45.599	ug/l	94
49) 1,4-Dioxane	9.694	88	51227	1037.266	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	813318	240.230	ug/l	98
52) Toluene	10.630	92	323020	51.451	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	200053	52.877	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	212799	51.209	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	122629	54.288	ug/l	96
56) Ethyl methacrylate	10.871	69	210673	50.739	ug/l	97
57) 1,3-Dichloropropane	11.159	76	210645	52.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	422017	214.142	ug/l	96
59) 2-Hexanone	11.194	43	597003	237.737	ug/l	98
60) Dibromochloromethane	11.353	129	141817	57.174	ug/l	99
61) 1,2-Dibromoethane	11.465	107	127362	55.879	ug/l	99
64) Tetrachloroethene	11.100	164	130234	53.908	ug/l	98
65) Chlorobenzene	11.888	112	361793	51.618	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	123598	53.454	ug/l	99
67) Ethyl Benzene	11.959	91	622129	49.188	ug/l	100
68) m/p-Xylenes	12.065	106	478687	101.007	ug/l	97
69) o-Xylene	12.394	106	239320	51.063	ug/l	97
70) Styrene	12.406	104	412138	52.777	ug/l	99
71) Bromoform	12.576	173	96103	55.203	ug/l #	99
73) Isopropylbenzene	12.688	105	579388	45.586	ug/l	99
74) N-amyl acetate	12.488	43	252471	39.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	168619	46.141	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	243891	66.518	ug/l	58
77) Bromobenzene	12.976	156	149126	52.953	ug/l	90
78) n-propylbenzene	13.029	91	680807	45.457	ug/l	99
79) 2-Chlorotoluene	13.124	91	438870	46.829	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	485554	46.676	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	75202	49.258	ug/l	87
82) 4-Chlorotoluene	13.218	91	445950	47.903	ug/l	98
83) tert-Butylbenzene	13.435	119	410708	45.565	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	502742	47.478	ug/l	100
85) sec-Butylbenzene	13.612	105	569846	45.578	ug/l	98
86) p-Isopropyltoluene	13.723	119	490968	47.642	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	275607	52.061	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	279296	52.379	ug/l	98
89) n-Butylbenzene	14.053	91	419349	45.909	ug/l	99
90) Hexachloroethane	14.329	117	79373	45.790	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	267864	52.188	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	33271	45.153	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	126722	51.561	ug/l	98
94) Hexachlorobutadiene	15.494	225	44262	47.708	ug/l	99
95) Naphthalene	15.635	128	419212	48.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	119191	51.224	ug/l	99

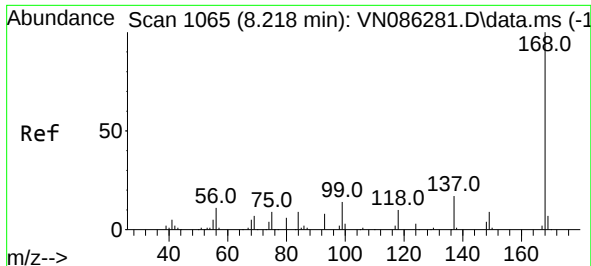
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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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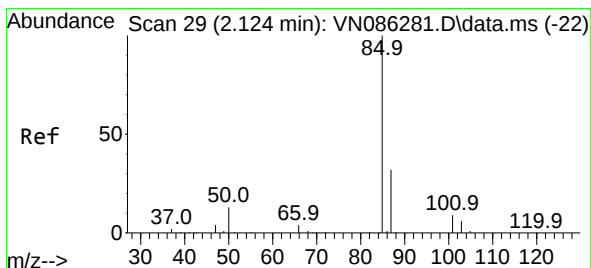
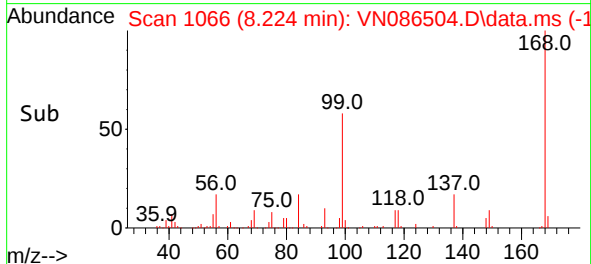
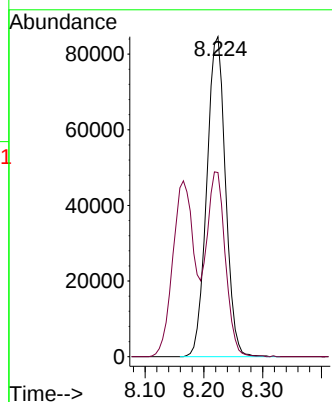
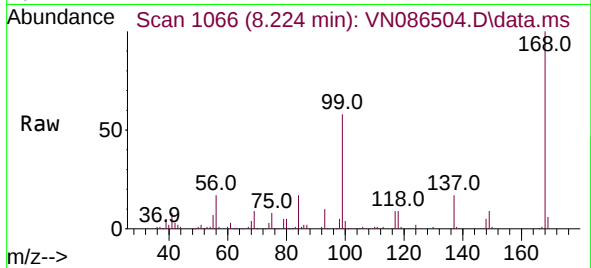
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

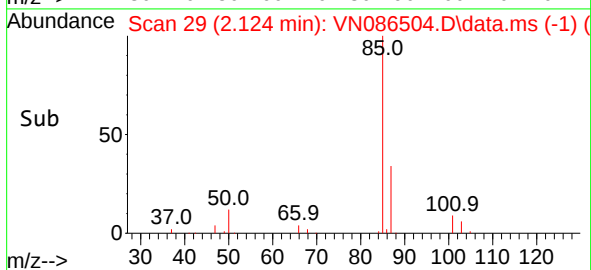
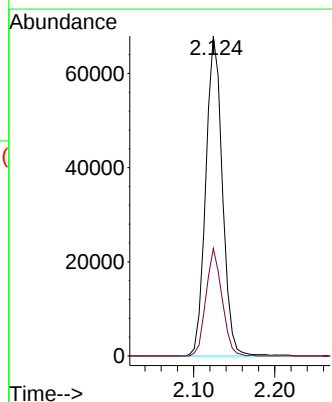
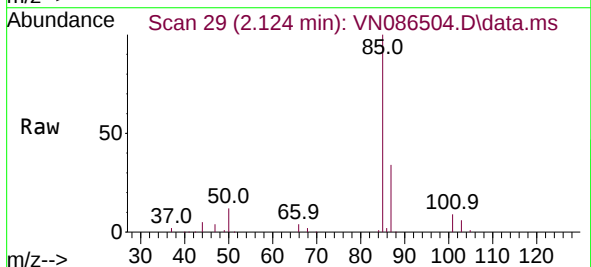
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 186971
Ion Ratio Lower Upper
168 100
99 57.5 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 43.500 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 85 Resp: 96414
Ion Ratio Lower Upper
85 100
87 33.6 16.3 48.8

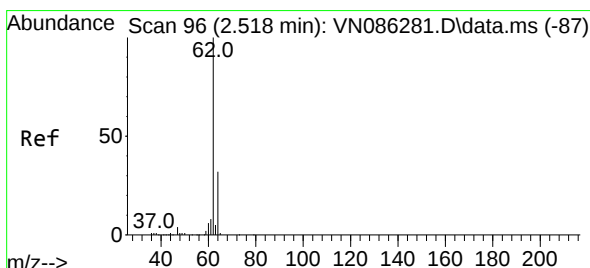
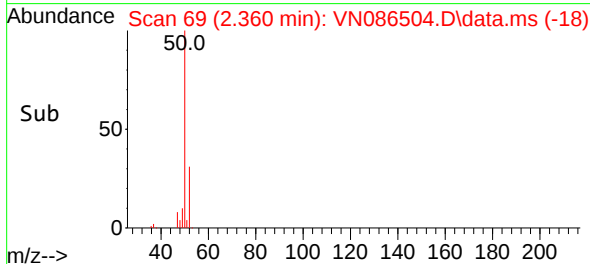
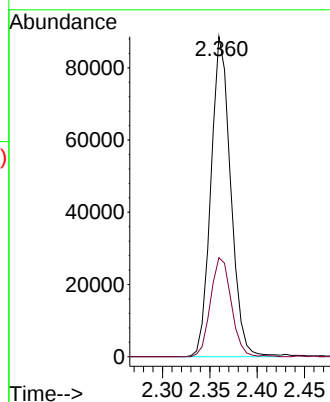
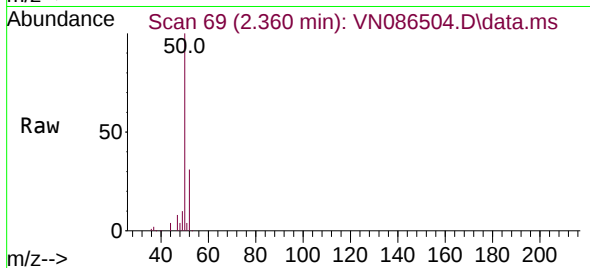




#3
Chloromethane
Concen: 39.987 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

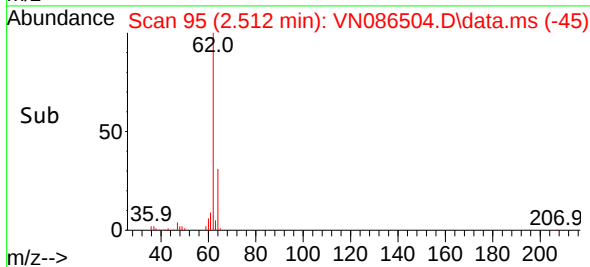
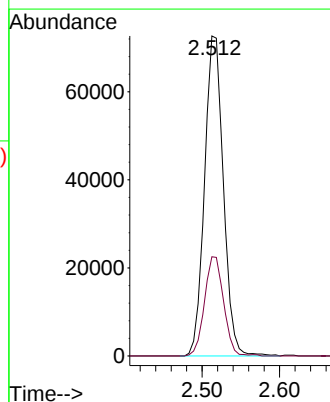
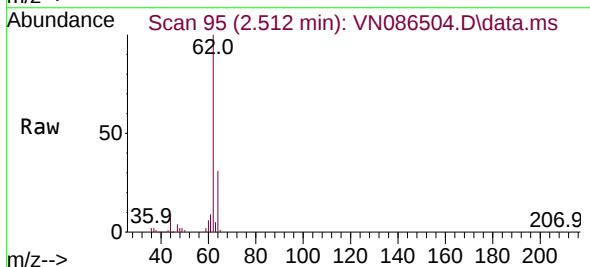
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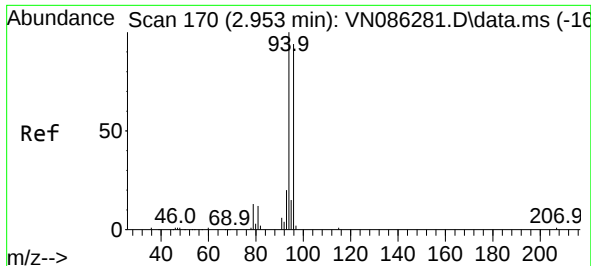
Tgt Ion: 50 Resp: 128807
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7



#4
Vinyl Chloride
Concen: 39.936 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 62 Resp: 122759
Ion Ratio Lower Upper
62 100
64 31.0 25.6 38.4

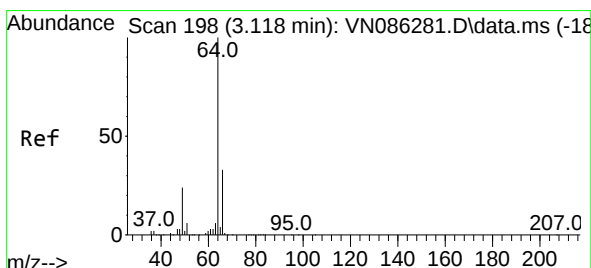
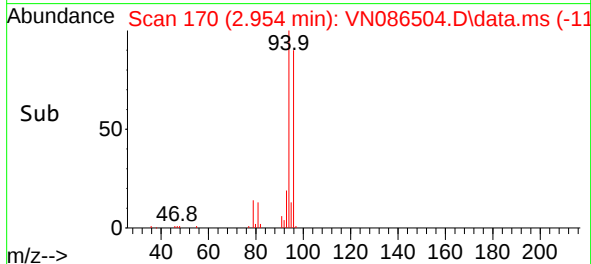
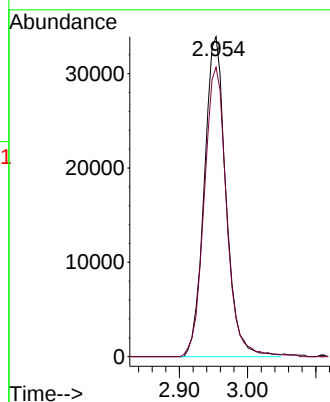
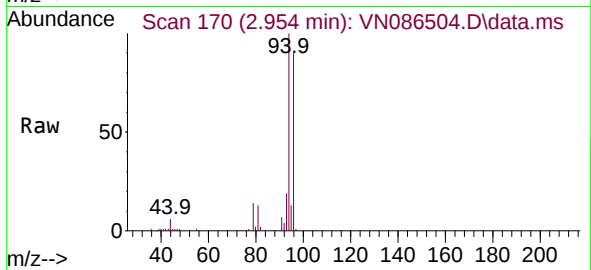




#5
Bromomethane
Concen: 54.322 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

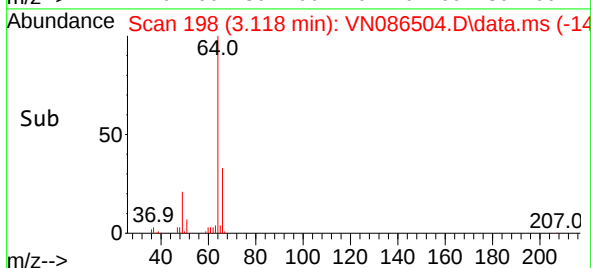
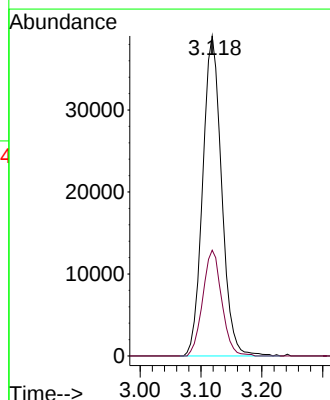
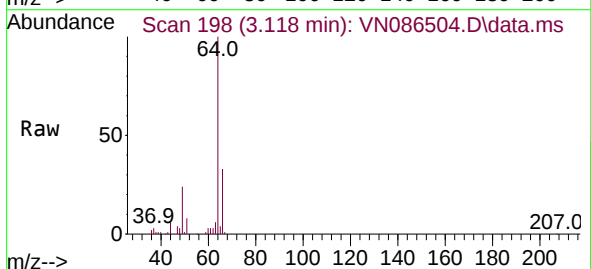
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 75110
Ion Ratio Lower Upper
94 100
96 90.4 75.2 112.8



#6
Chloroethane
Concen: 40.974 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 64 Resp: 84296
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.2

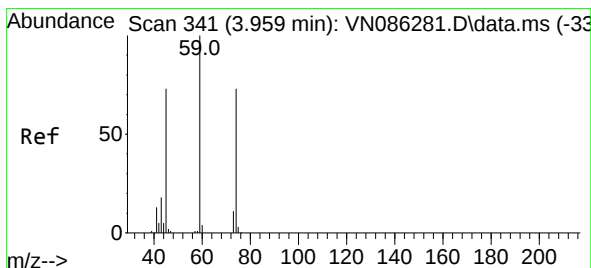
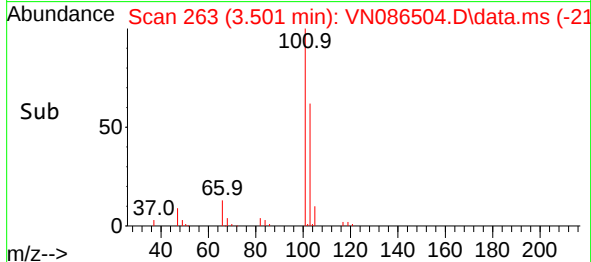
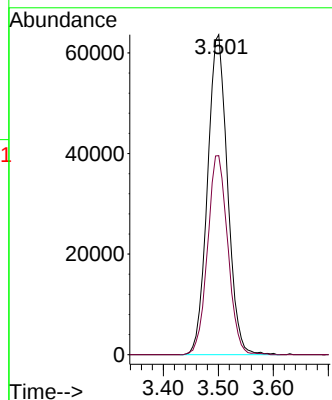
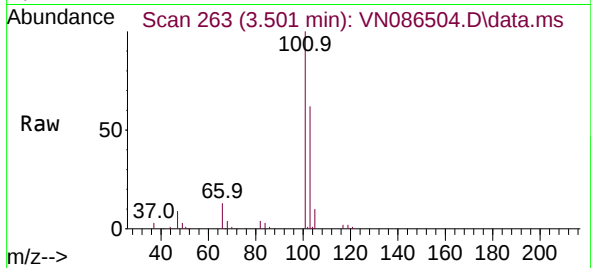




#7
 Trichlorofluoromethane
 Concen: 47.087 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086504.D
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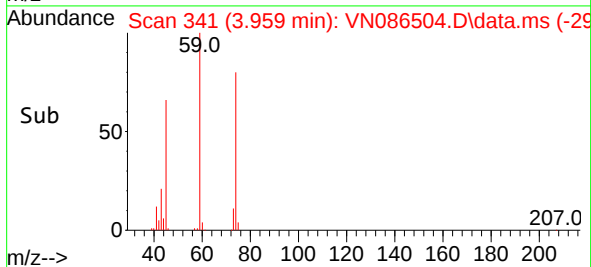
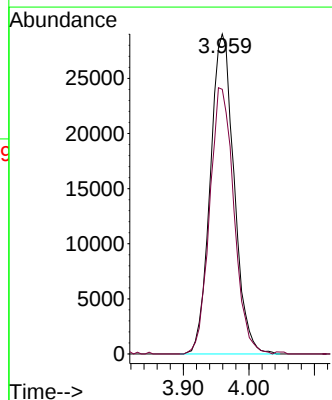
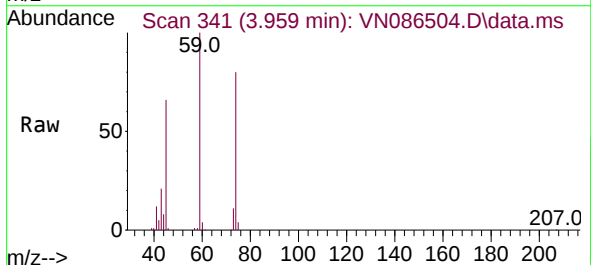
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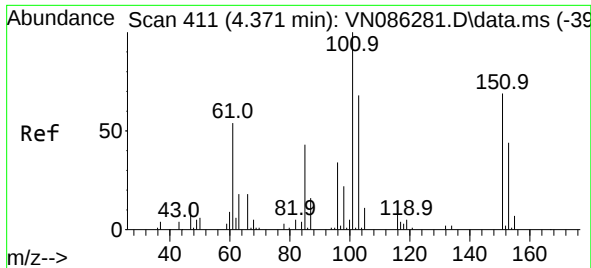
Tgt Ion:101 Resp: 160328
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.2 73.8



#8
 Diethyl Ether
 Concen: 49.246 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Tgt Ion: 74 Resp: 73202
 Ion Ratio Lower Upper
 74 100
 45 84.6 48.0 144.2

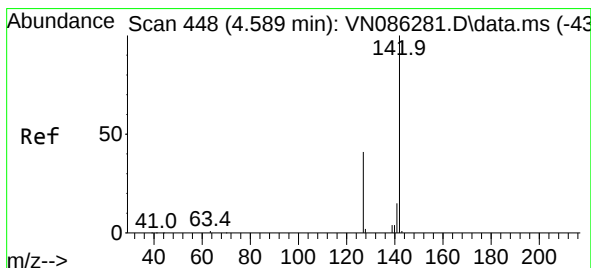
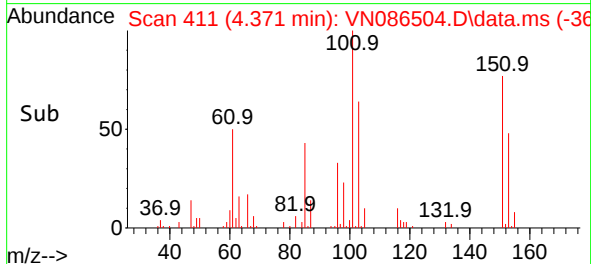
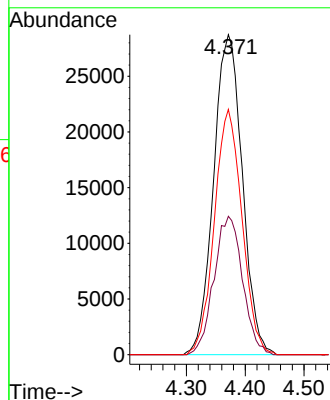
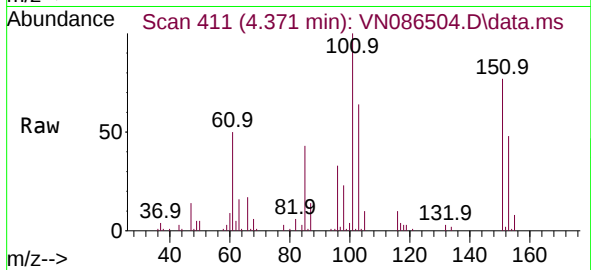




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.367 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

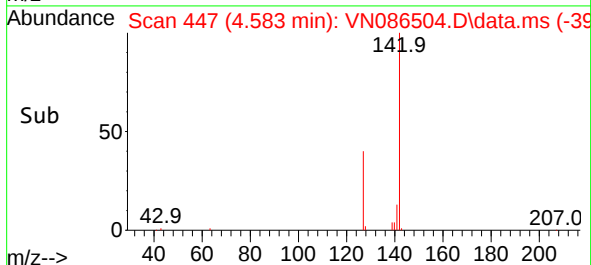
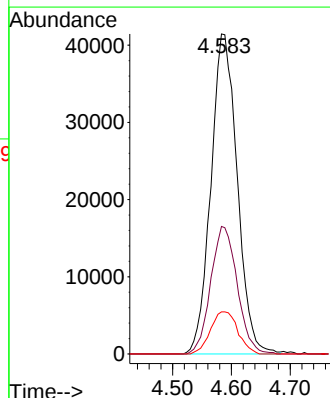
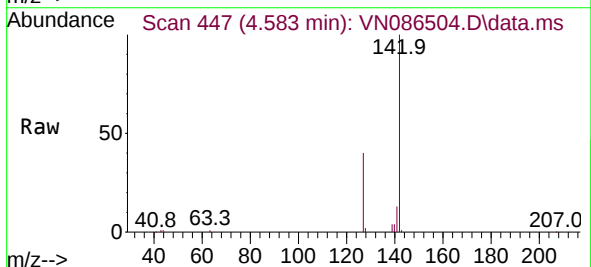
Instrument :
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Tgt Ion:101 Resp: 97567
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 73.8 56.1 84.1



#10
Methyl Iodide
Concen: 56.950 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:142 Resp: 128968
Ion Ratio Lower Upper
142 100
127 39.8 32.7 49.1
141 13.1 11.7 17.5

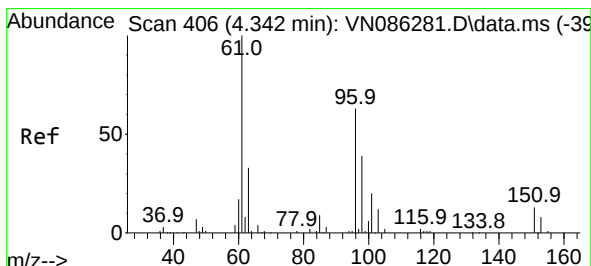
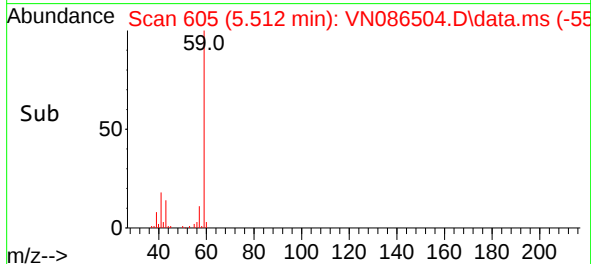
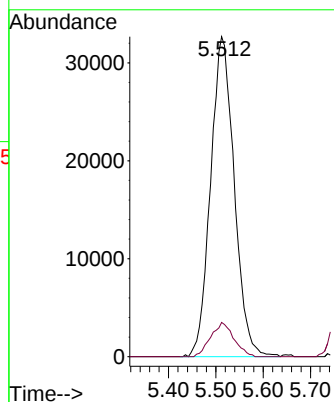
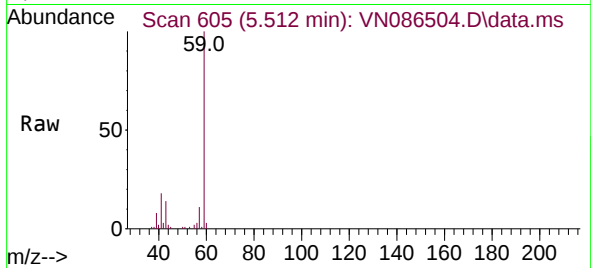




#11
Tert butyl alcohol
Concen: 228.947 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

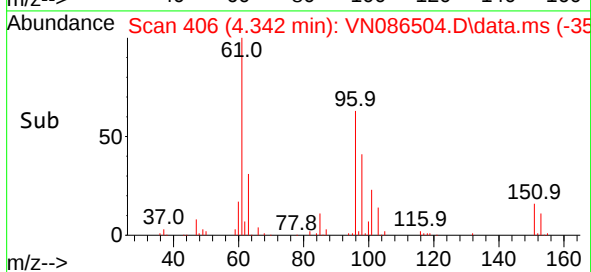
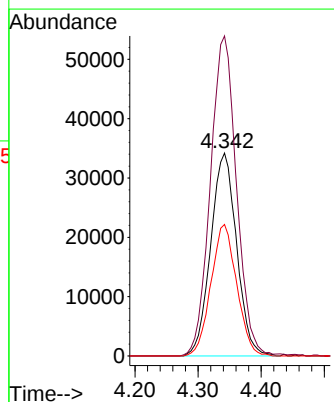
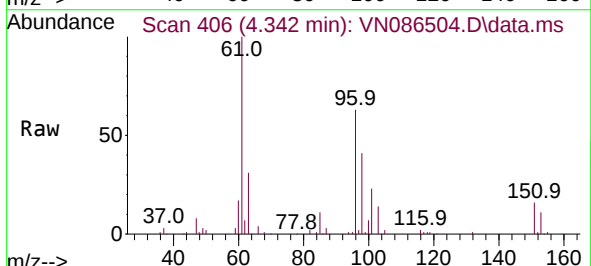
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 113258
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 44.312 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 96 Resp: 97515
Ion Ratio Lower Upper
96 100
61 157.7 126.6 189.8
98 64.8 49.6 74.4

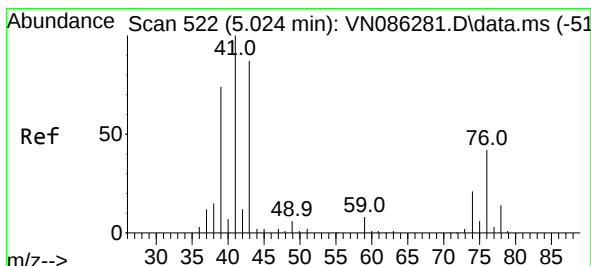
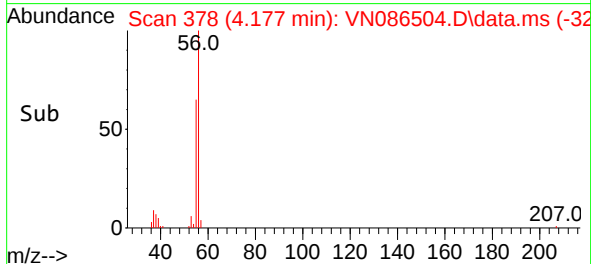
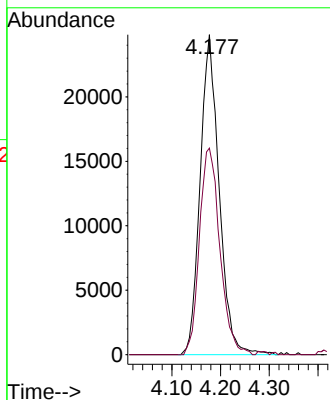
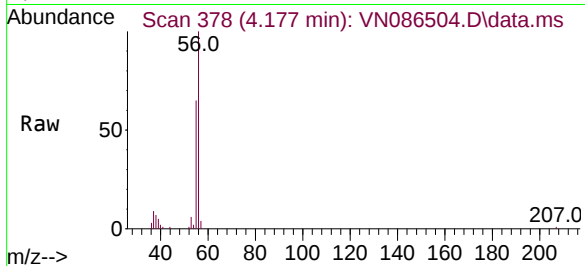




#13
Acrolein
Concen: 293.679 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

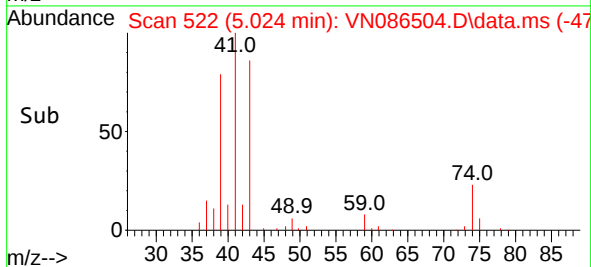
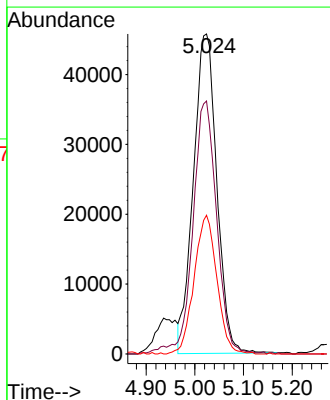
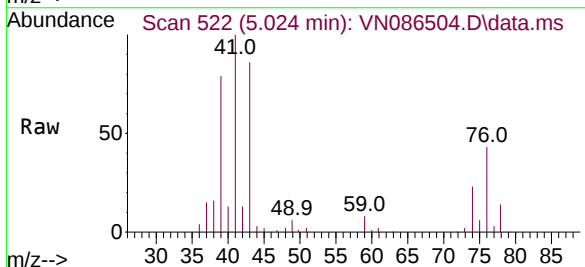
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 67136
Ion Ratio Lower Upper
56 100
55 69.5 58.5 87.7



#14
Allyl chloride
Concen: 39.156 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 41 Resp: 153180
Ion Ratio Lower Upper
41 100
39 80.3 59.2 88.8
76 42.2 31.2 46.8

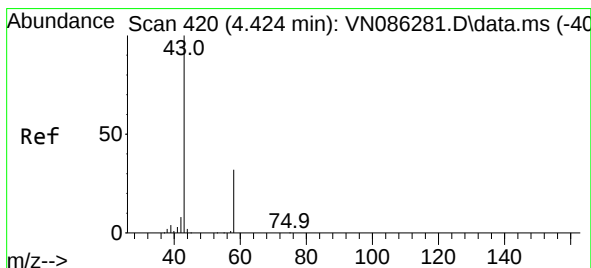
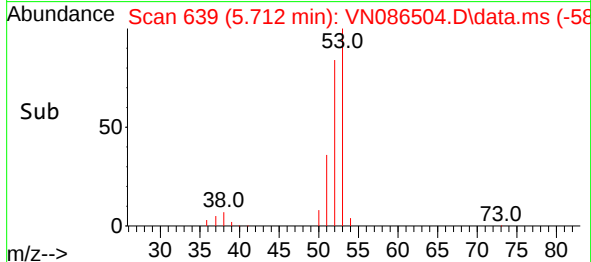
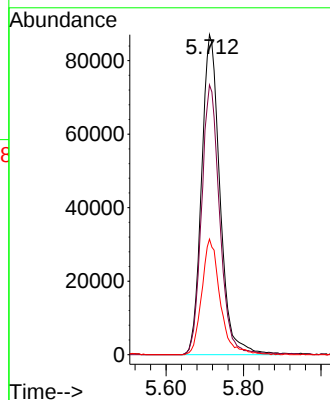
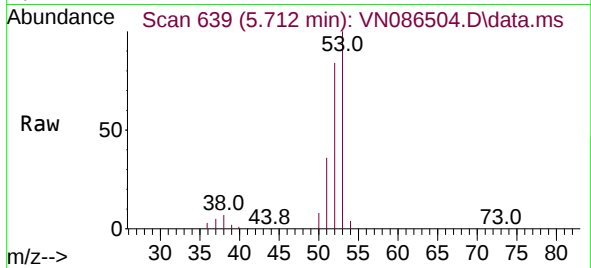




#15
Acrylonitrile
Concen: 234.814 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

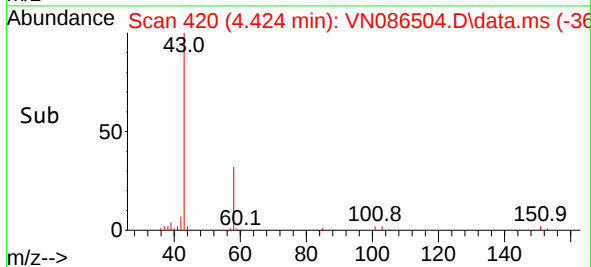
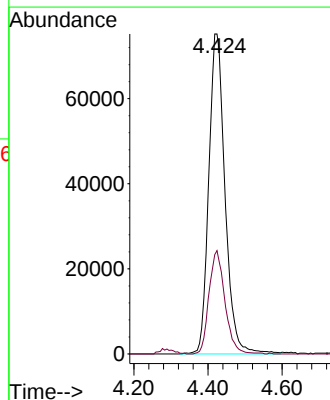
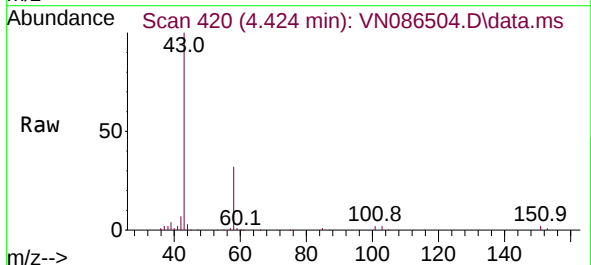
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 287153
Ion Ratio Lower Upper
53 100
52 82.6 65.5 98.3
51 36.0 28.6 42.8



#16
Acetone
Concen: 244.342 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 229166
Ion Ratio Lower Upper
43 100
58 32.3 25.3 37.9

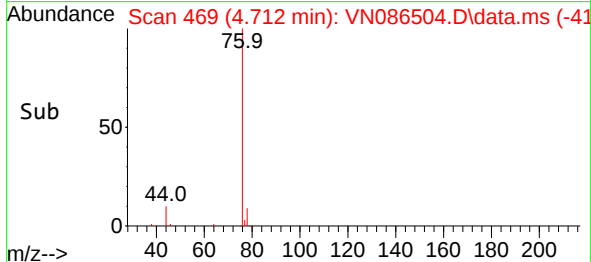
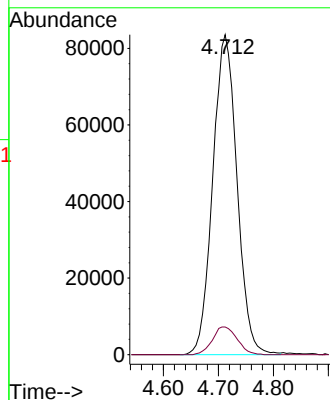
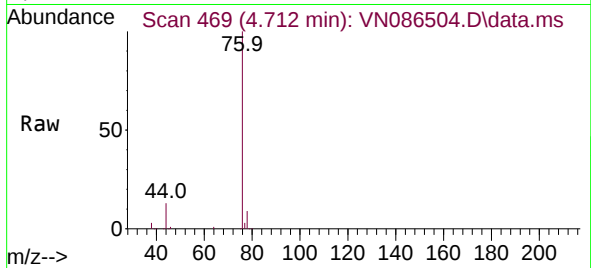




#17
Carbon Disulfide
Concen: 38.837 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

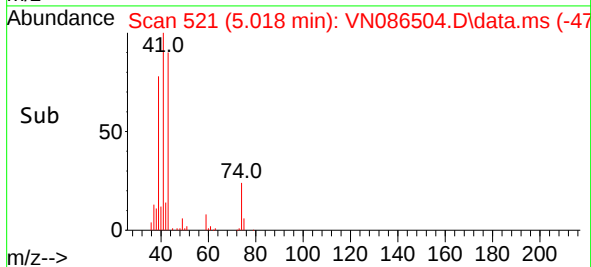
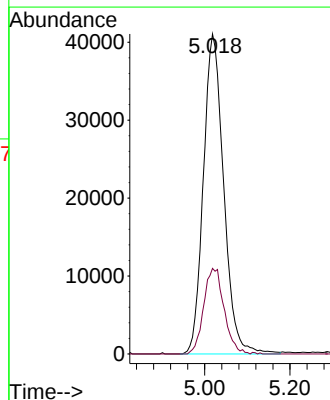
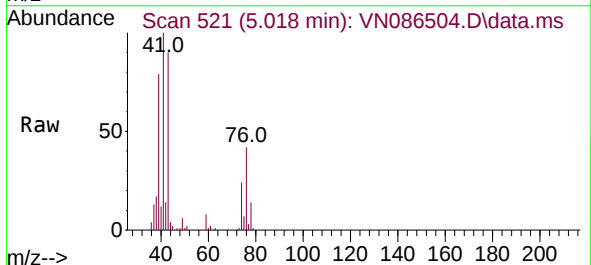
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

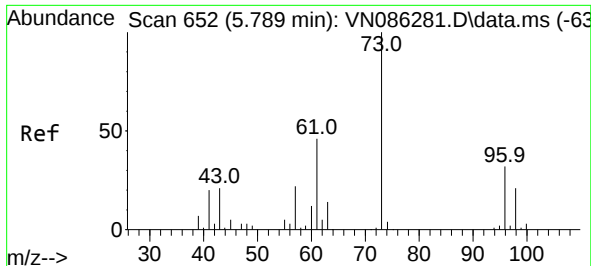
Tgt Ion: 76 Resp: 255907
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 41.778 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 135966
Ion Ratio Lower Upper
43 100
74 26.7 19.8 29.6

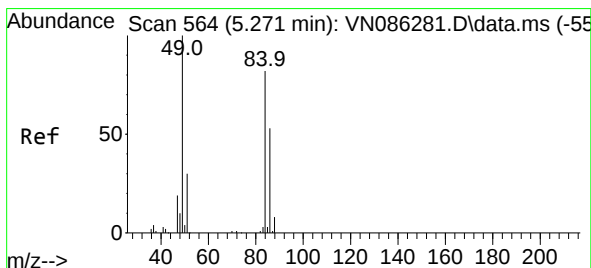
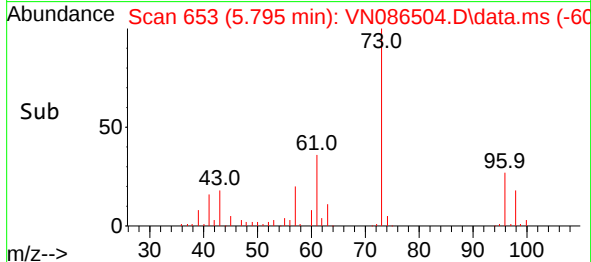
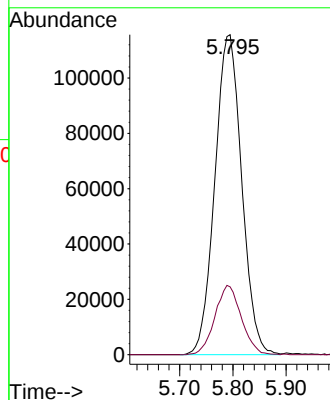
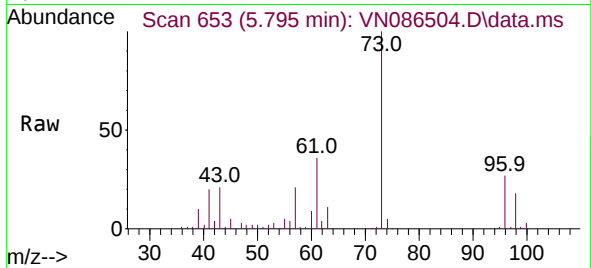




#19
Methyl tert-butyl Ether
Concen: 50.044 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

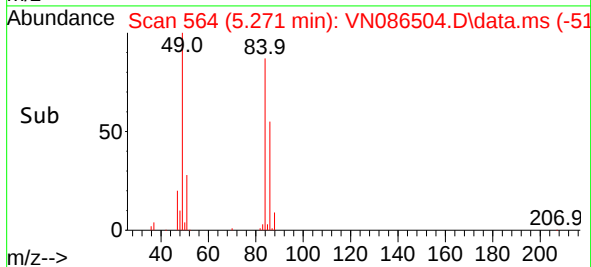
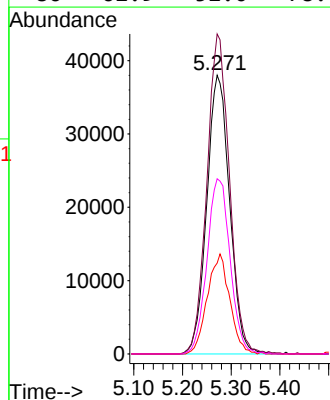
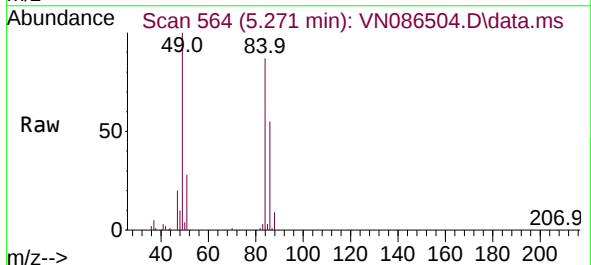
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

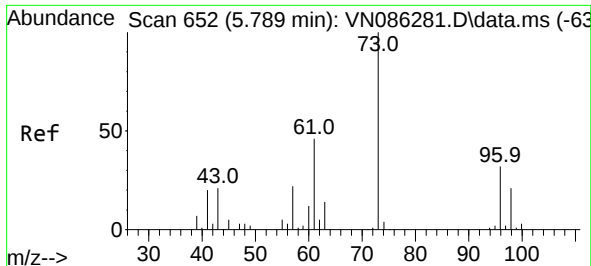
Tgt Ion: 73 Resp: 404824
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4



#20
Methylene Chloride
Concen: 49.351 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 84 Resp: 123698
Ion Ratio Lower Upper
84 100
49 114.8 98.2 147.2
51 32.6 29.8 44.6
86 62.9 52.0 78.0

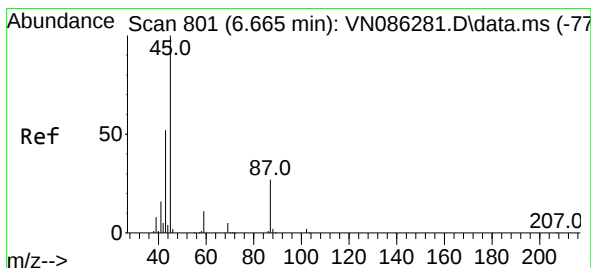
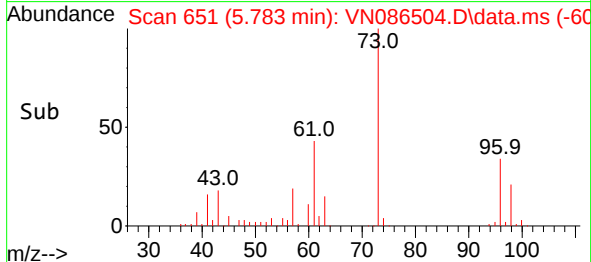
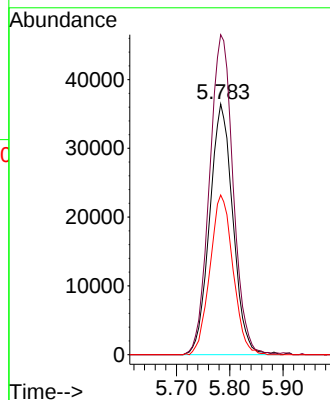
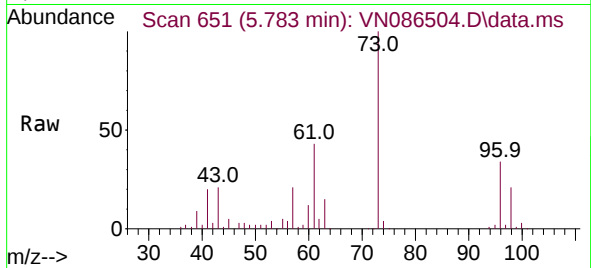




#21
trans-1,2-Dichloroethene
Concen: 48.068 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

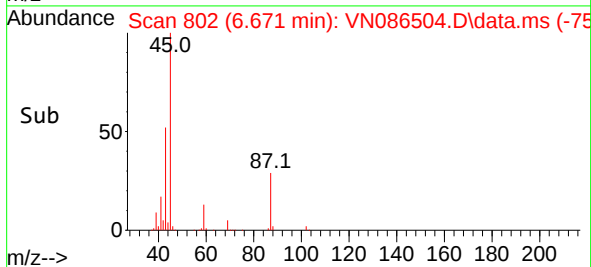
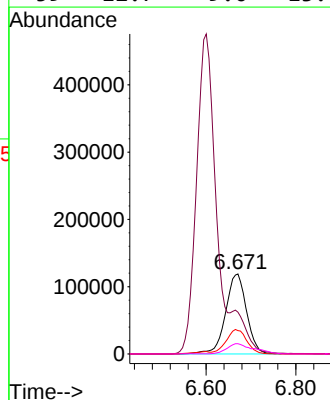
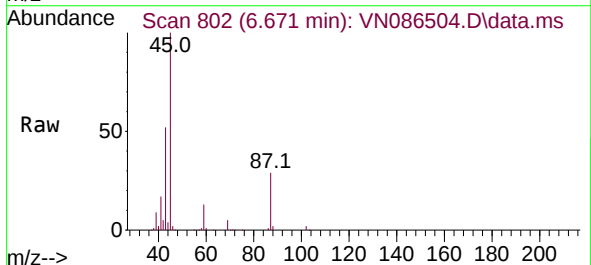
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

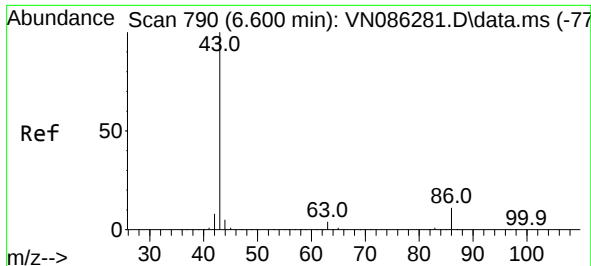
Tgt Ion: 96 Resp: 110590
Ion Ratio Lower Upper
96 100
61 127.6 114.6 171.8
98 63.7 51.2 76.8



#22
Diisopropyl ether
Concen: 45.301 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 45 Resp: 385514
Ion Ratio Lower Upper
45 100
43 51.4 41.8 62.8
87 29.2 21.6 32.4
59 12.7 9.0 13.4

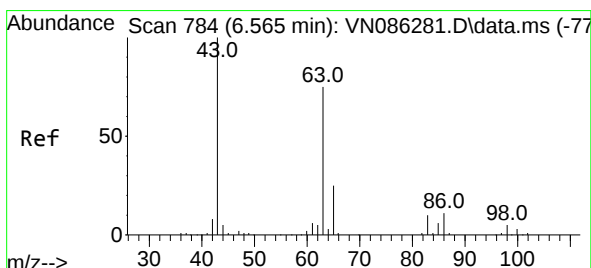
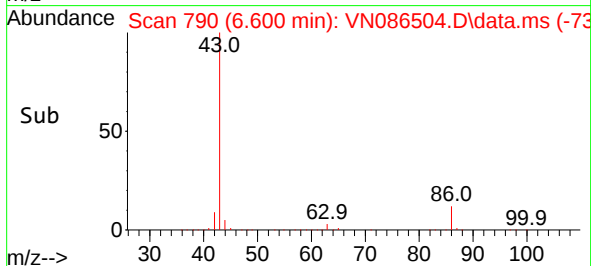
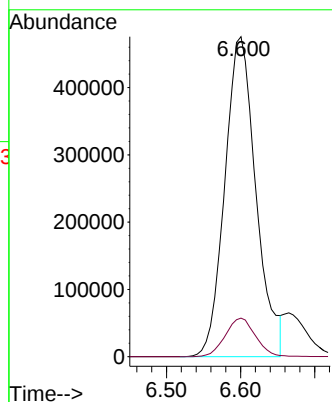
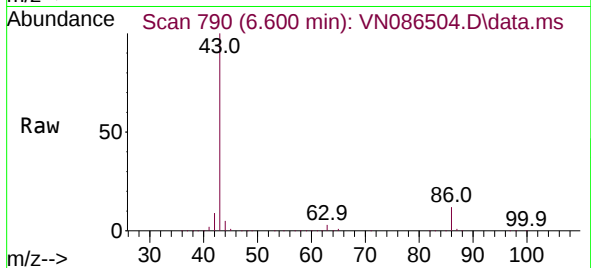




#23
 Vinyl Acetate
 Concen: 233.806 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

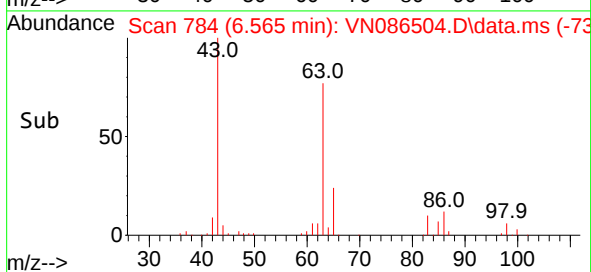
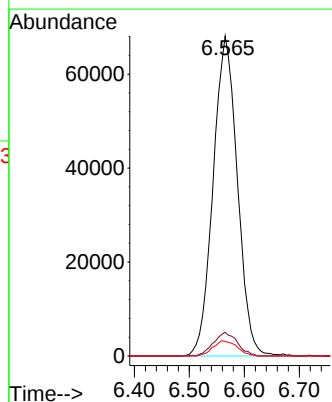
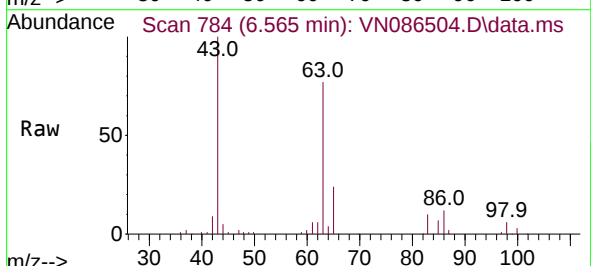
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1390916
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 46.419 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Tgt Ion: 63 Resp: 208432
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.5 2.1 6.5

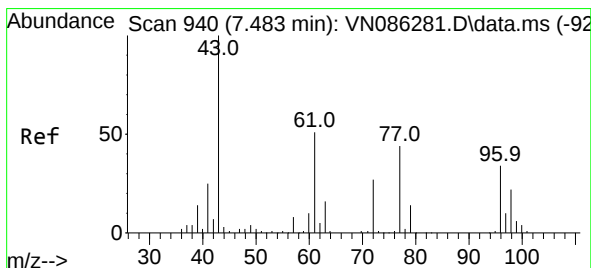
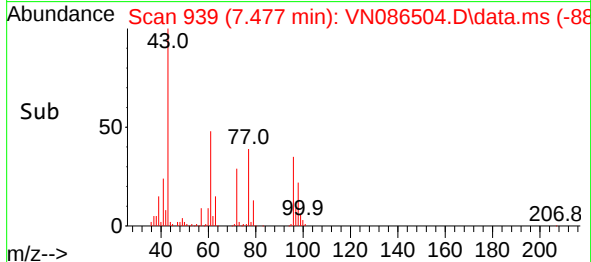
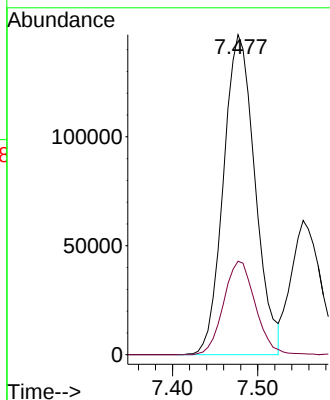
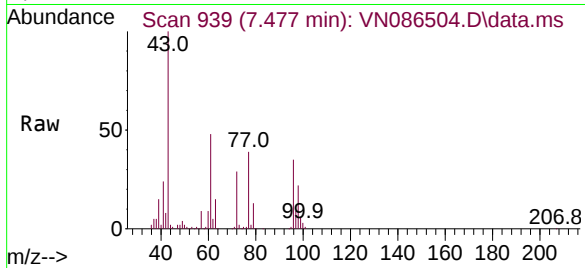




#25
2-Butanone
Concen: 224.541 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

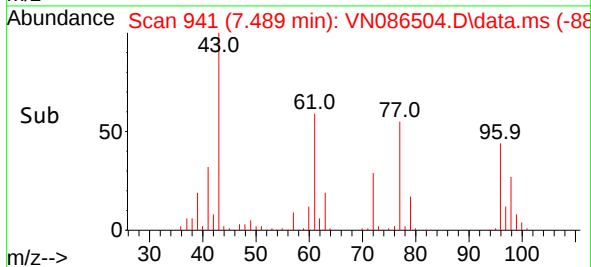
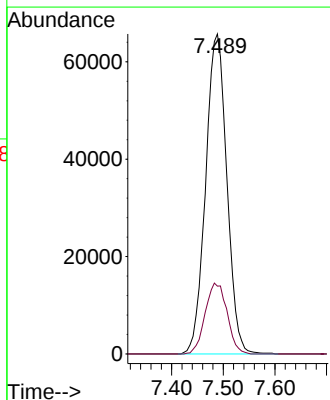
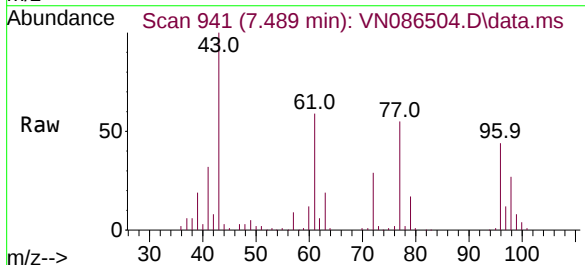
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

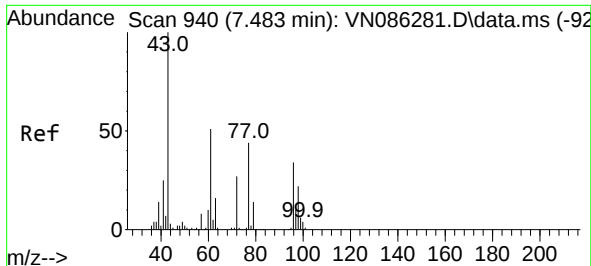
Tgt Ion: 43 Resp: 378939
Ion Ratio Lower Upper
43 100
72 29.2 21.7 32.5



#26
2,2-Dichloropropane
Concen: 46.561 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 77 Resp: 187192
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5

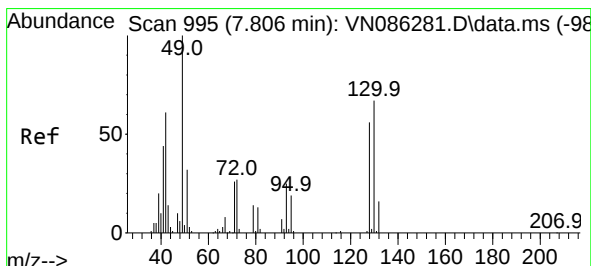
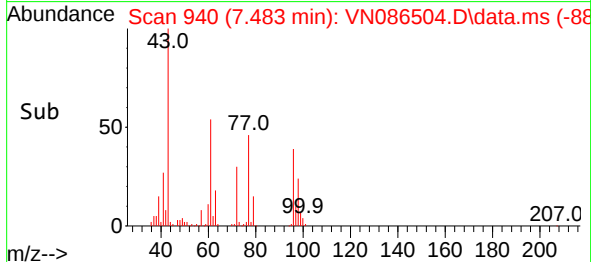
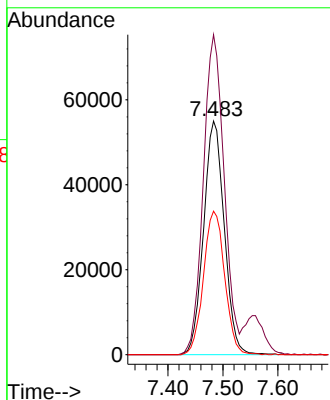
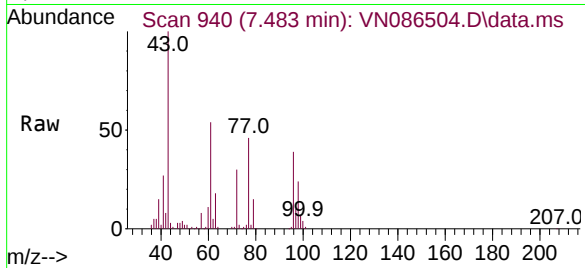




#27
 cis-1,2-Dichloroethene
 Concen: 50.460 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

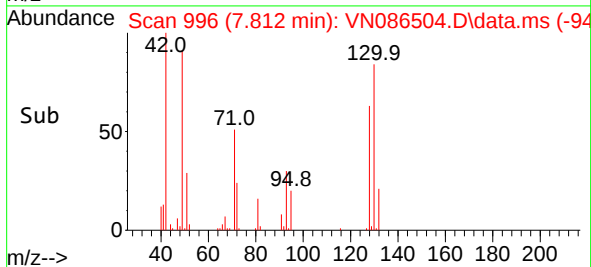
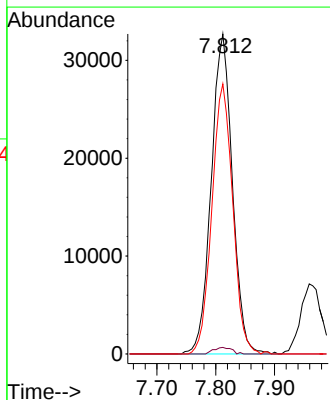
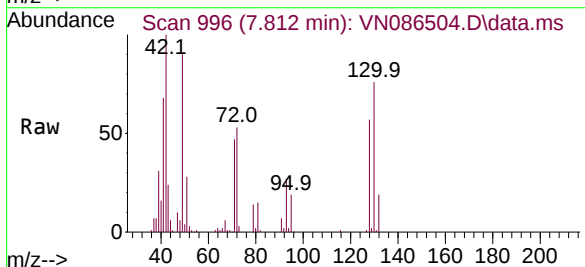
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 144092
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 299.0
 98 62.9 0.0 129.6



#28
 Bromochloromethane
 Concen: 42.971 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Tgt Ion: 49 Resp: 81811
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 82.9 57.1 85.7





#29

Tetrahydrofuran

Concen: 220.791 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

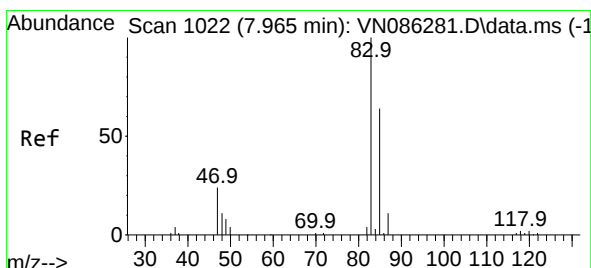
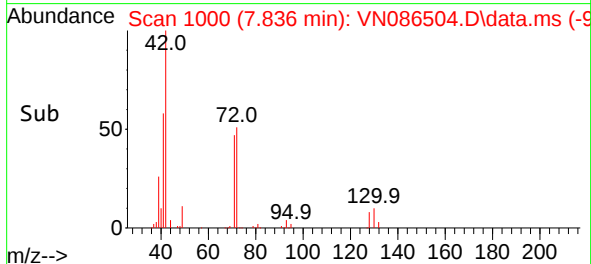
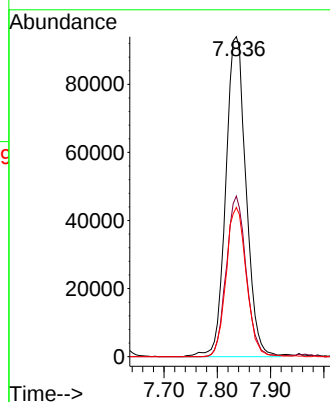
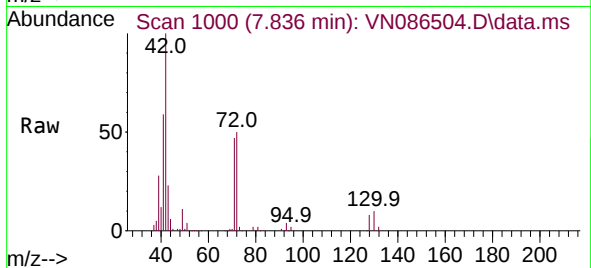
Tgt Ion: 42 Resp: 249166

Ion Ratio Lower Upper

42 100

72 49.3 36.2 54.4

71 46.7 34.0 51.0



#30

Chloroform

Concen: 50.306 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086504.D

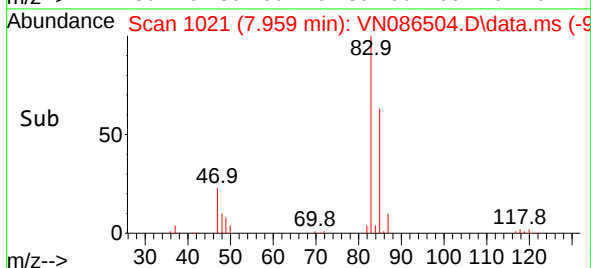
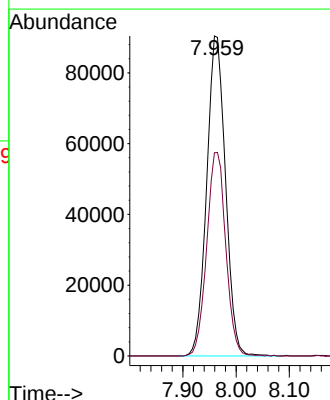
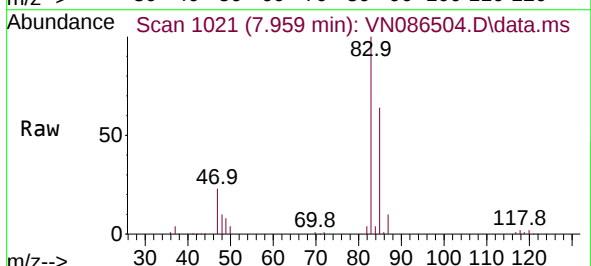
Acq: 06 May 2025 10:35

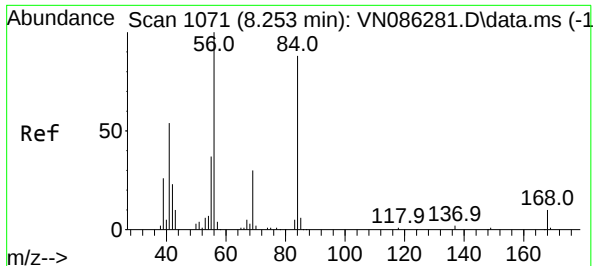
Tgt Ion: 83 Resp: 221894

Ion Ratio Lower Upper

83 100

85 63.5 51.5 77.3

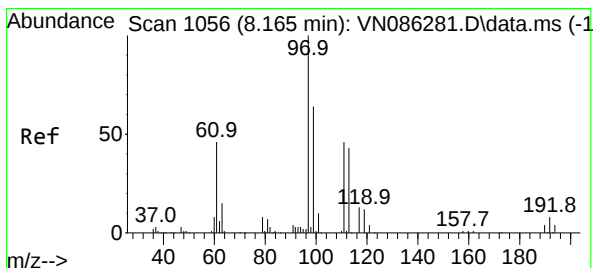
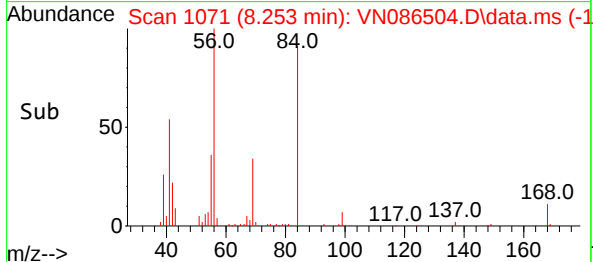
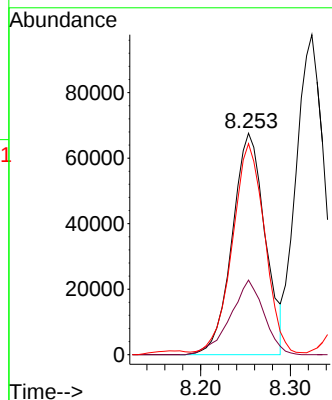
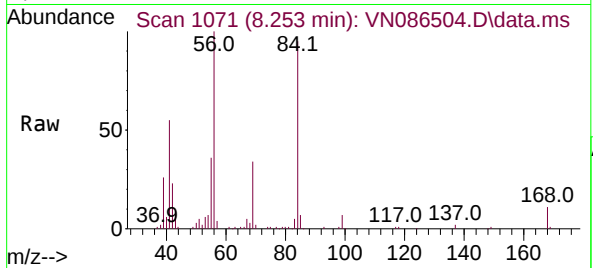




#31
Cyclohexane
Concen: 39.129 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

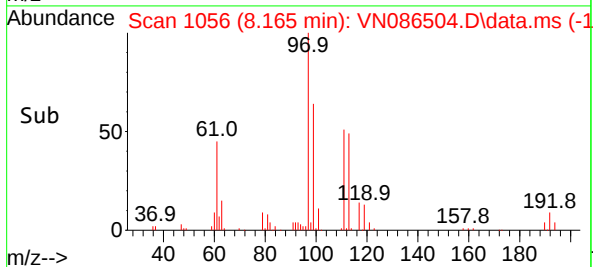
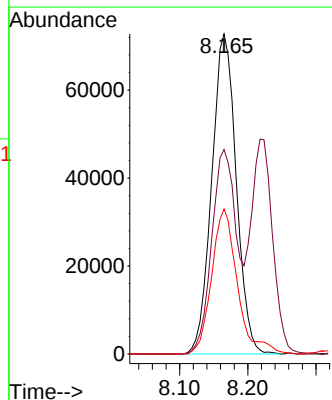
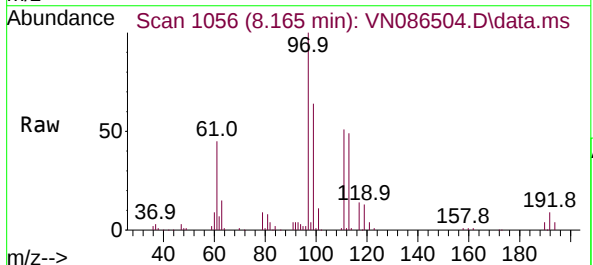
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 171927
Ion Ratio Lower Upper
56 100
69 33.7 24.2 36.2
84 93.6 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 48.218 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 97 Resp: 181942
Ion Ratio Lower Upper
97 100
99 65.7 52.7 79.1
61 47.6 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 48.151 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

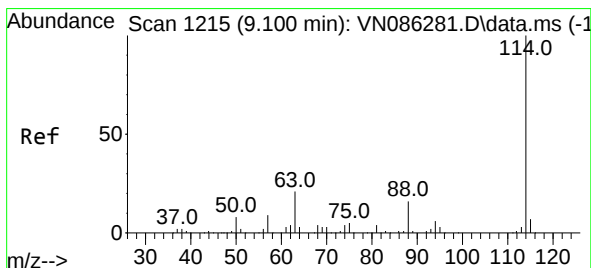
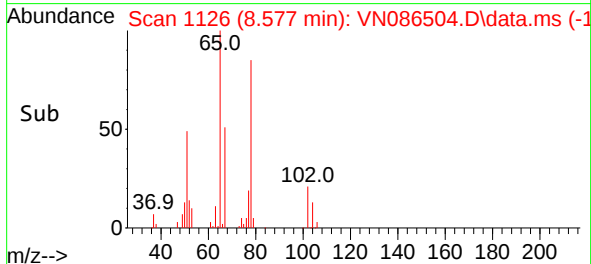
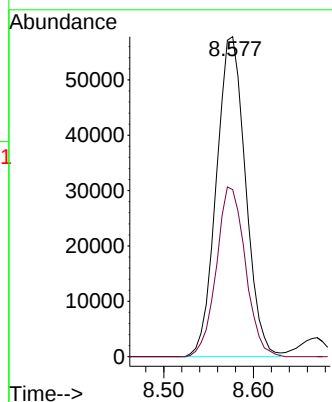
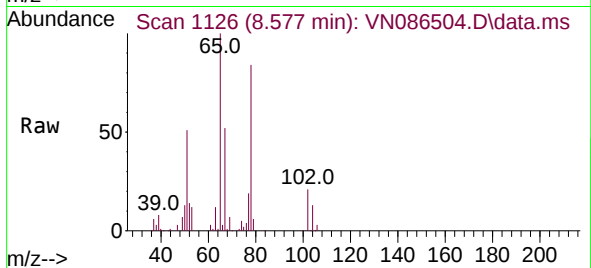
VSTDCCC050

Tgt Ion: 65 Resp: 130550

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

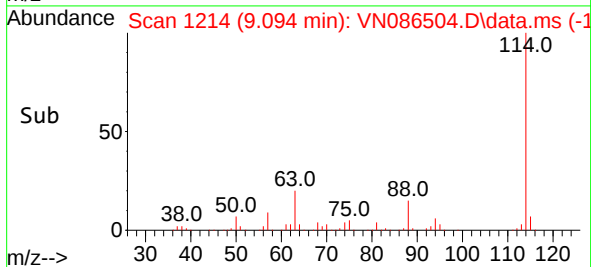
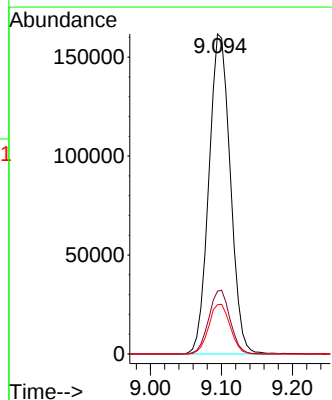
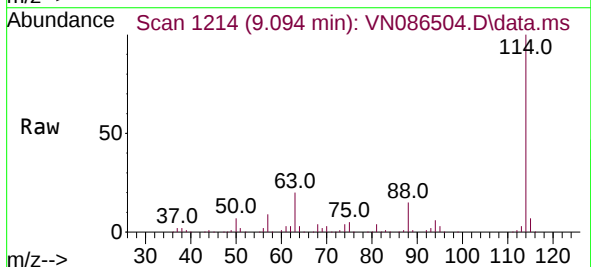
Tgt Ion: 114 Resp: 338775

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.4 0.0 31.8

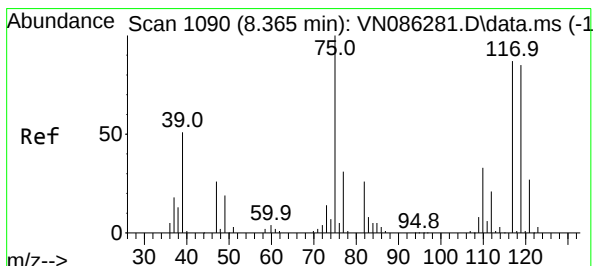
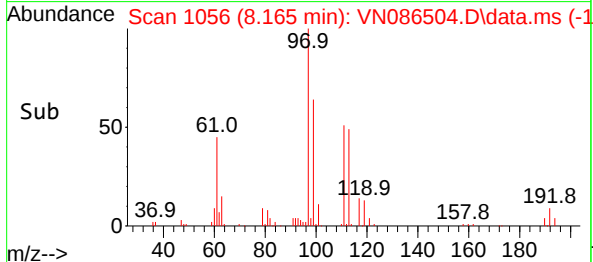
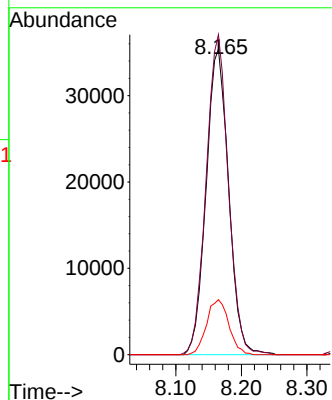
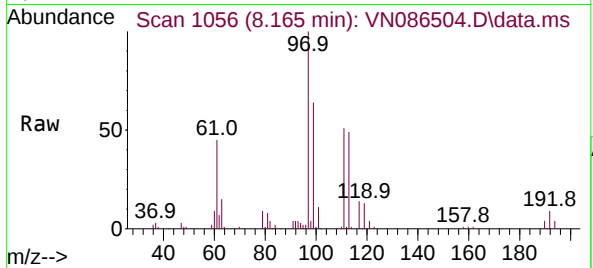




#35
Dibromofluoromethane
Concen: 53.831 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

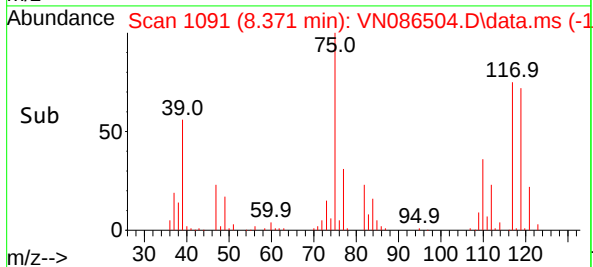
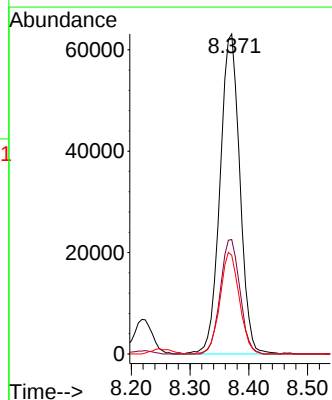
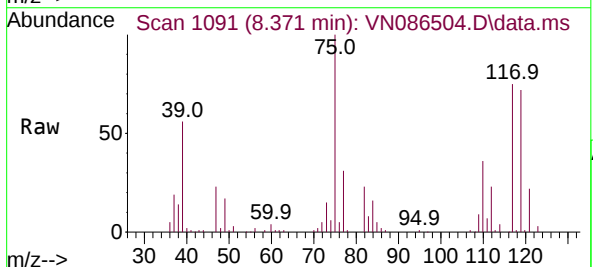
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

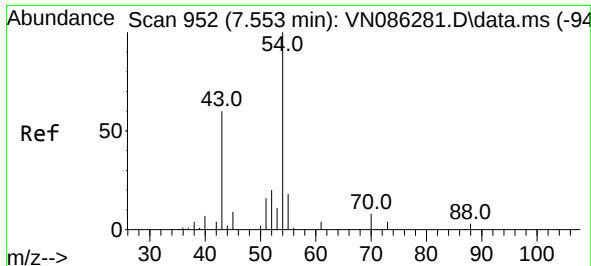
Tgt Ion:113 Resp: 84639
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.0
192 17.8 13.7 20.5



#36
1,1-Dichloropropene
Concen: 46.967 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 75 Resp: 147497
Ion Ratio Lower Upper
75 100
110 35.5 16.8 50.4
77 31.1 24.9 37.3

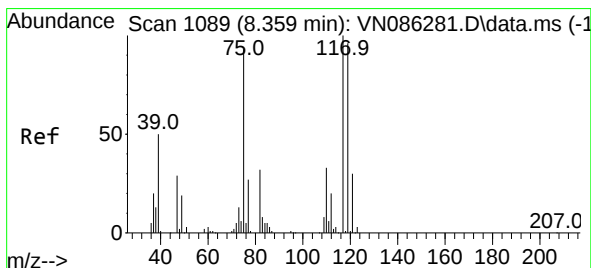
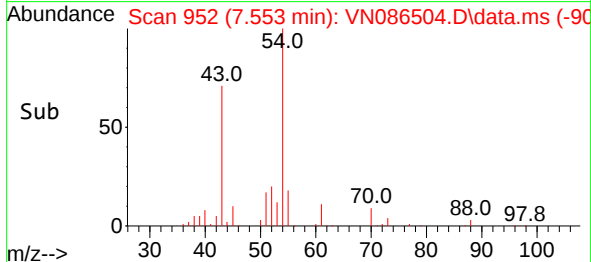
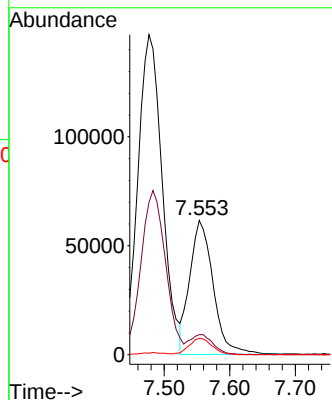
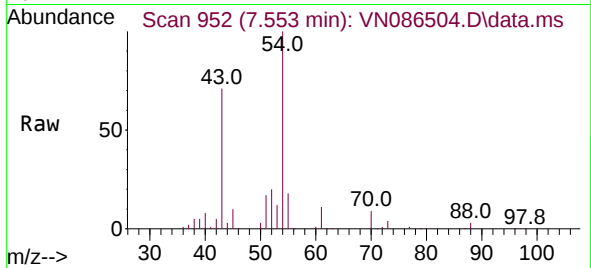




#37
Ethyl Acetate
Concen: 46.172 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

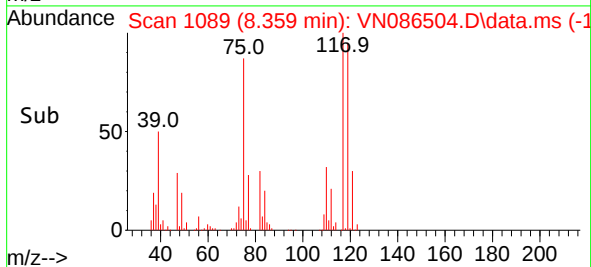
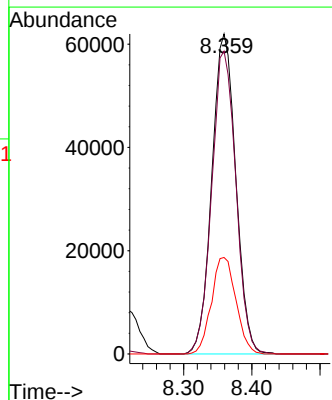
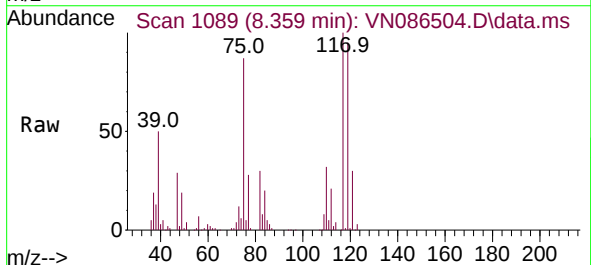
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

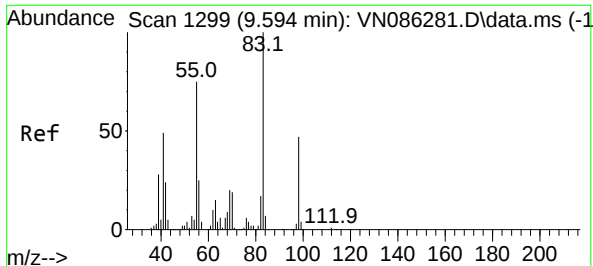
Tgt Ion: 43 Resp: 152654
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 12.0 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.659 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 117 Resp: 151505
Ion Ratio Lower Upper
117 100
119 94.6 76.8 115.2
121 30.2 23.8 35.8





#39

Methylcyclohexane

Concen: 44.873 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

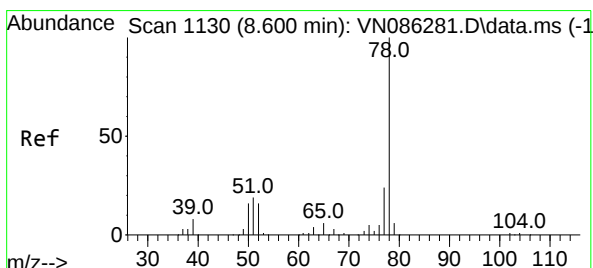
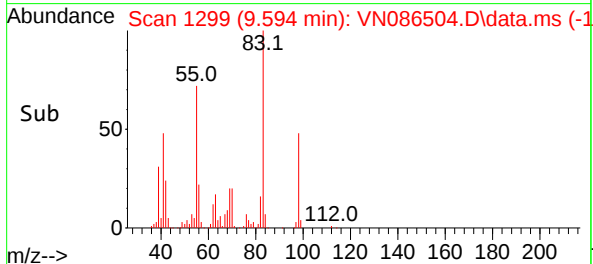
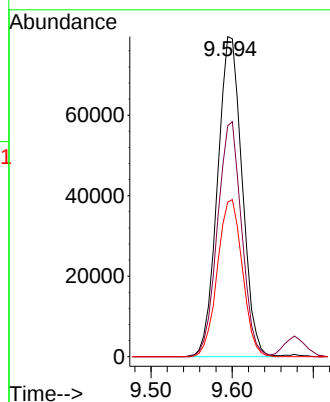
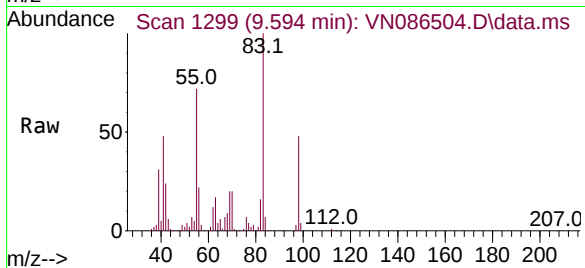
Tgt Ion: 83 Resp: 167497

Ion Ratio Lower Upper

83 100

55 72.1 59.8 89.8

98 48.3 37.9 56.9



#40

Benzene

Concen: 49.232 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086504.D

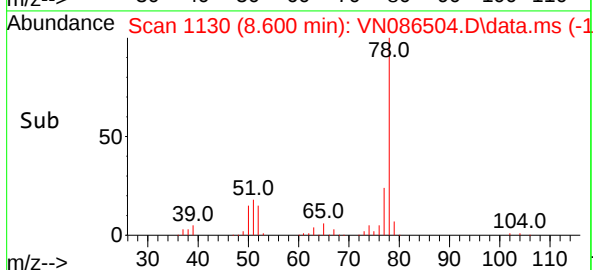
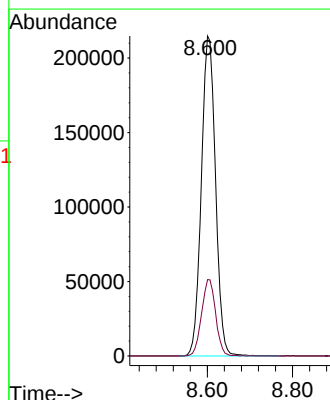
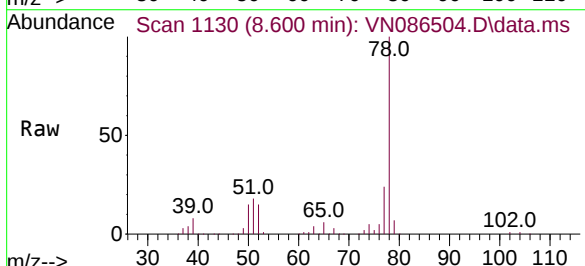
Acq: 06 May 2025 10:35

Tgt Ion: 78 Resp: 495357

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.2

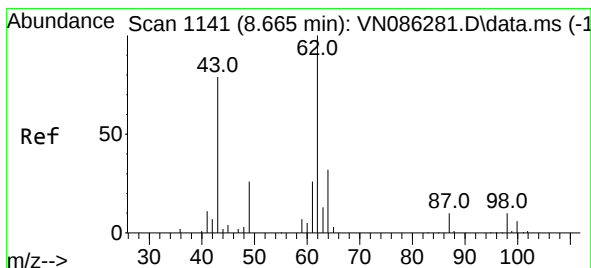
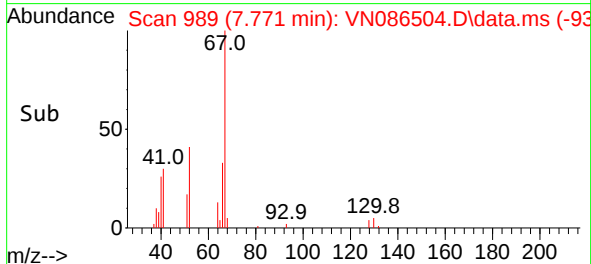
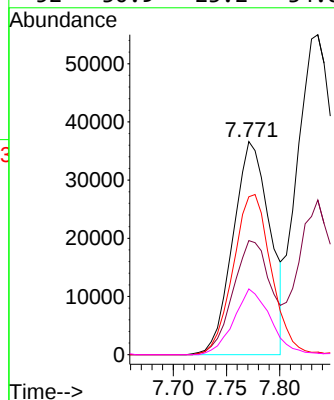
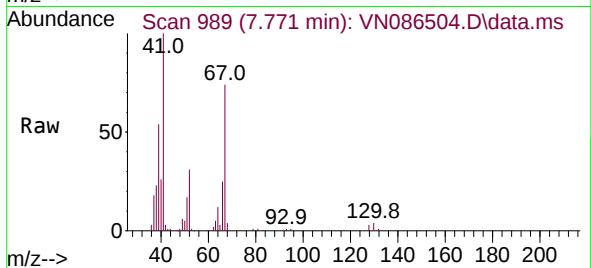




#41
Methacrylonitrile
Concen: 46.194 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

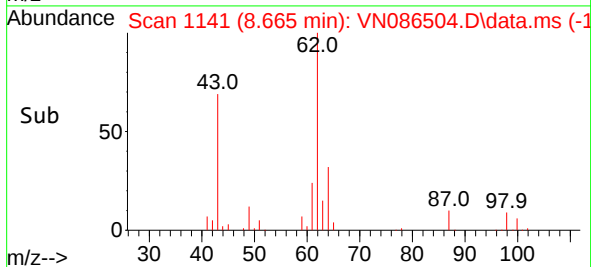
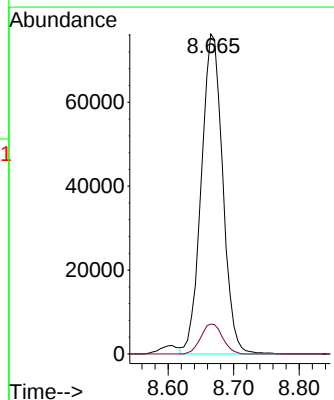
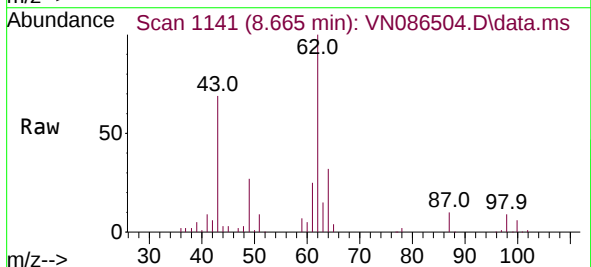
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	88517
Ion	Ratio	Lower	Upper
41	100		
39	55.0	43.0	64.4
67	77.7	58.8	88.2
52	30.9	23.2	34.8



#42
1,2-Dichloroethane
Concen: 53.978 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:	62	Resp:	173196
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

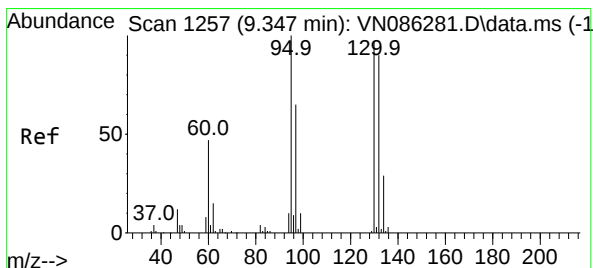
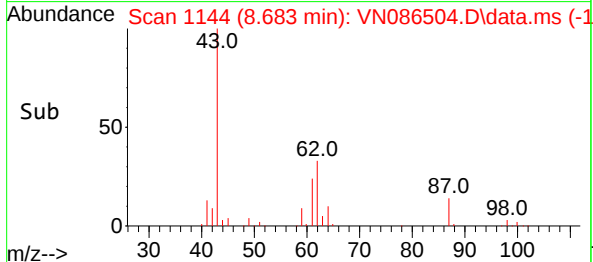
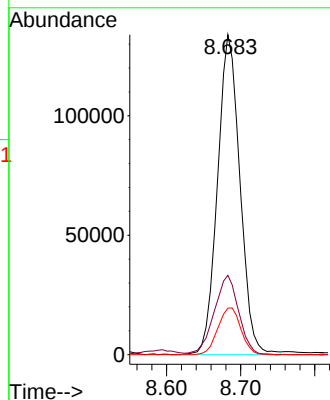
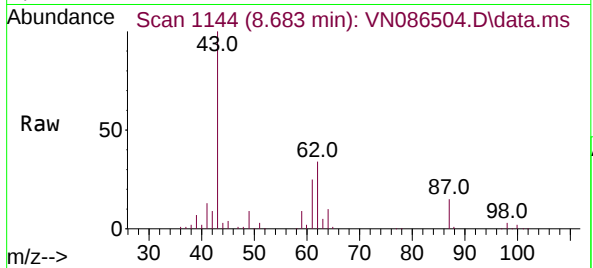




#43
Isopropyl Acetate
Concen: 47.497 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

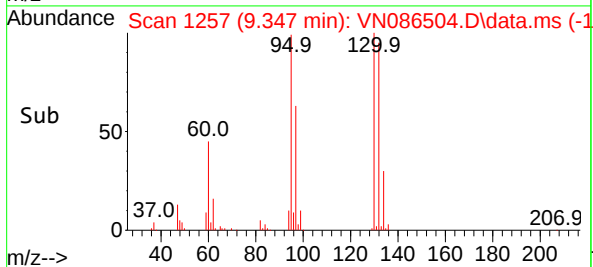
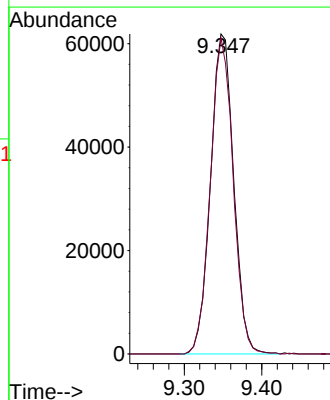
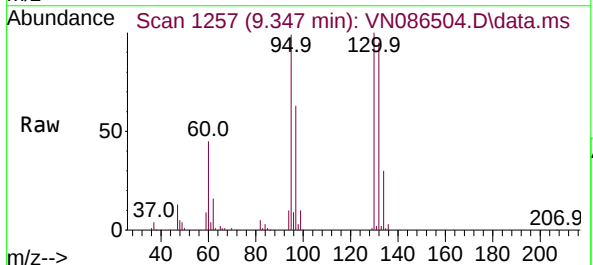
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 281871
Ion Ratio Lower Upper
43 100
61 27.0 20.5 30.7
87 15.0 10.5 15.7



#44
Trichloroethene
Concen: 53.841 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:130 Resp: 128400
Ion Ratio Lower Upper
130 100
95 98.7 0.0 207.2





#45

1,2-Dichloropropane

Concen: 49.467 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

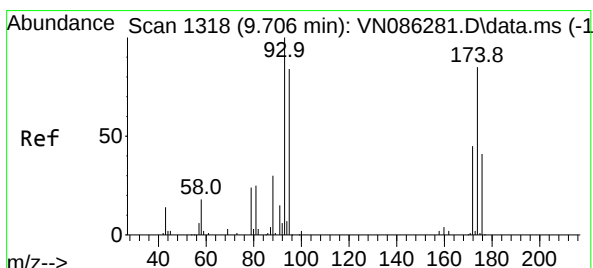
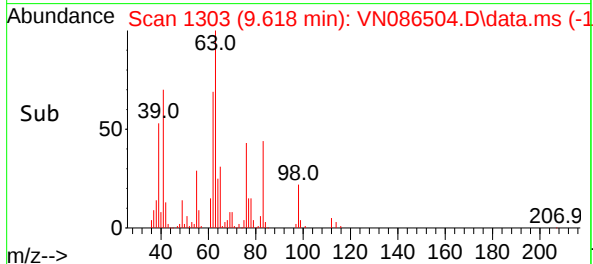
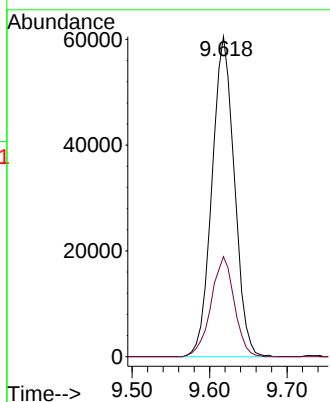
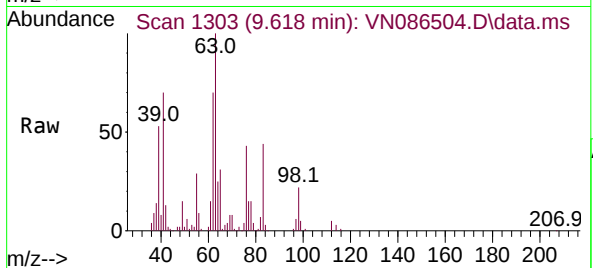
VSTDCCC050

Tgt Ion: 63 Resp: 121835

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.2



#46

Dibromomethane

Concen: 56.513 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

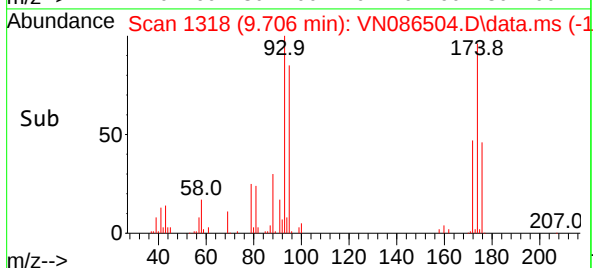
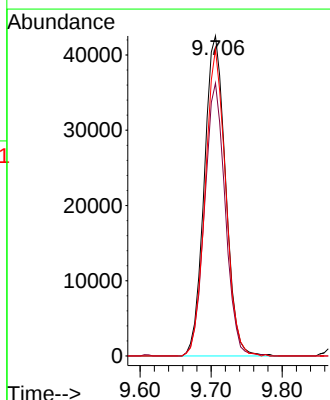
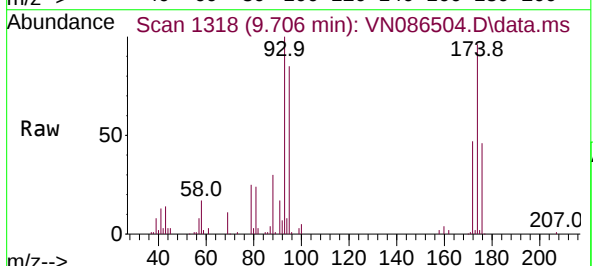
Tgt Ion: 93 Resp: 88683

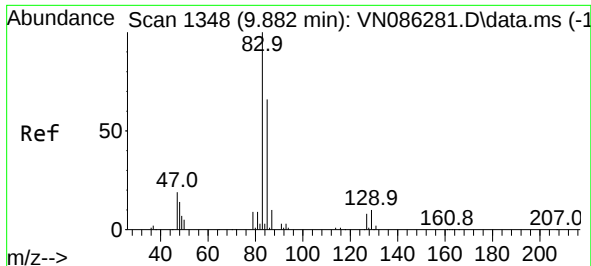
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 92.1 67.8 101.6

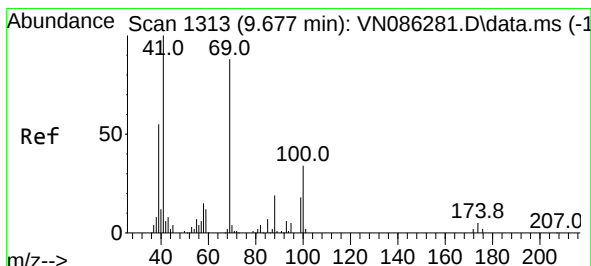
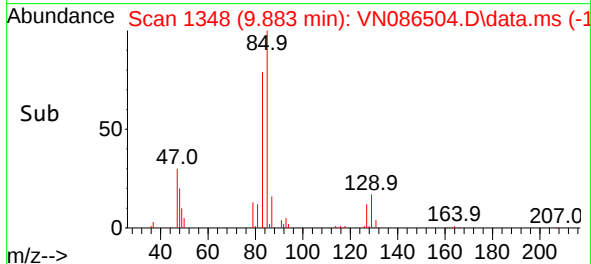
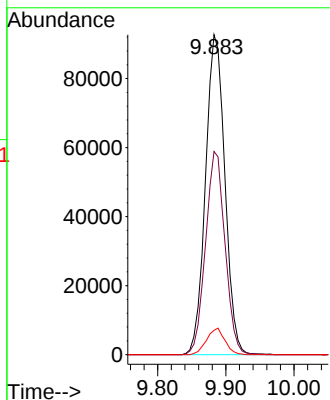
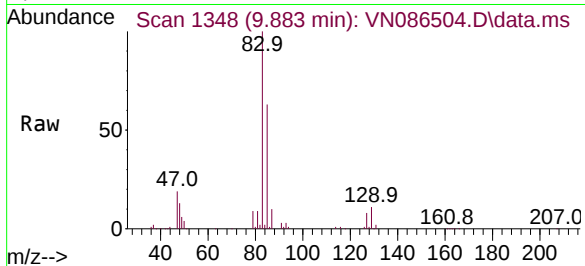




#47
Bromodichloromethane
Concen: 54.188 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

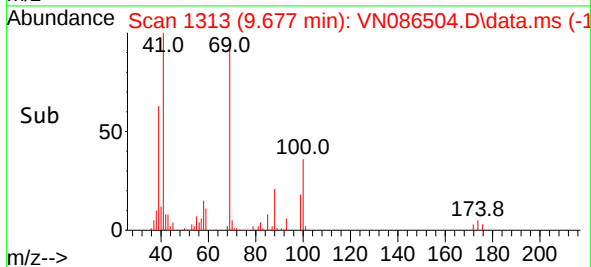
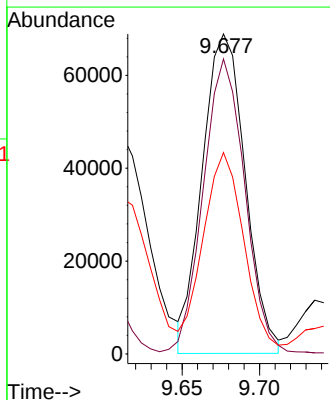
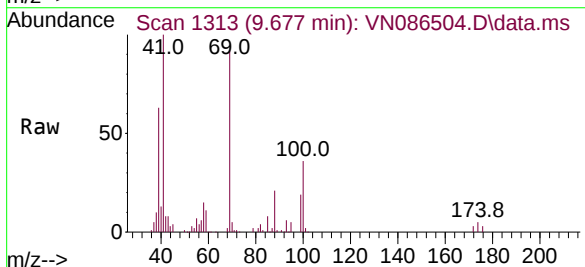
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

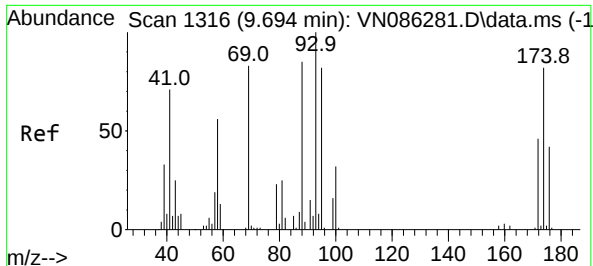
Tgt Ion: 83 Resp: 183659
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8
127 7.6 6.1 9.1



#48
Methyl methacrylate
Concen: 45.599 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 41 Resp: 132393
Ion Ratio Lower Upper
41 100
69 90.3 68.2 102.2
39 60.8 45.2 67.8

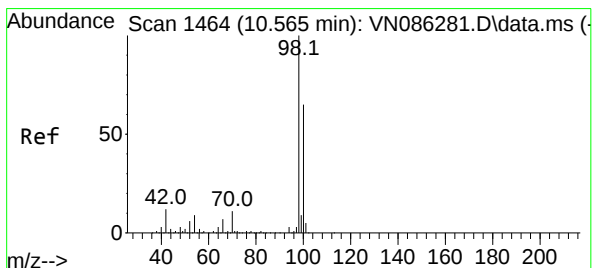
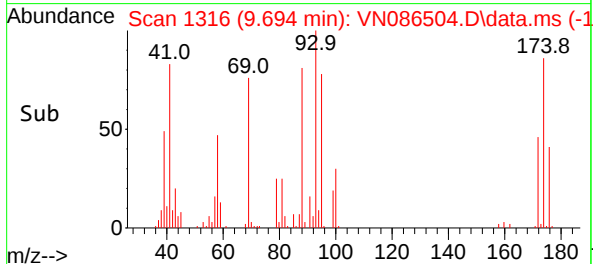
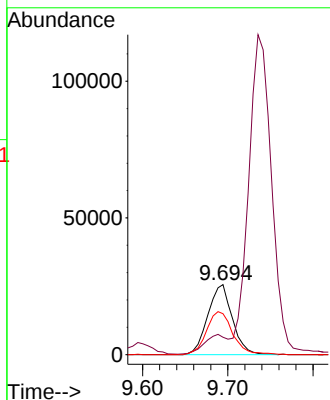
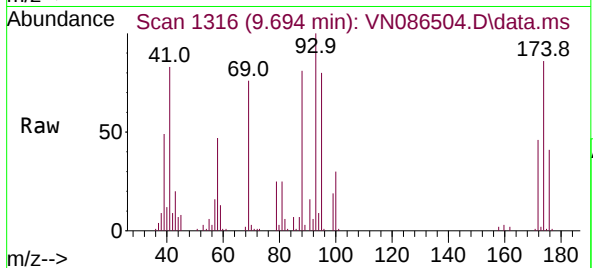




#49
1,4-Dioxane
Concen: 1037.266 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

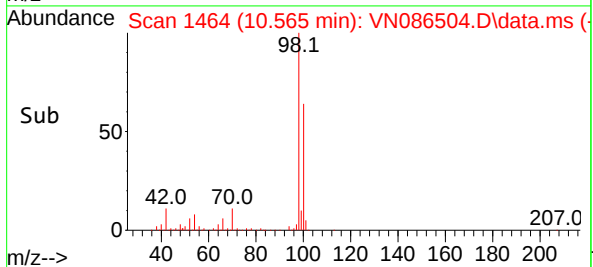
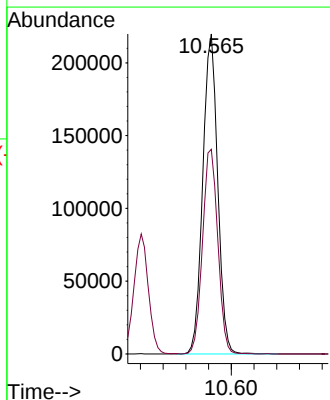
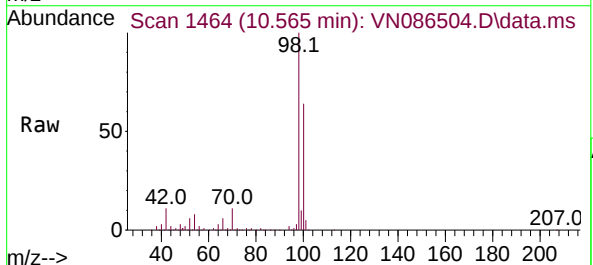
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 51227
Ion Ratio Lower Upper
88 100
43 26.0 23.8 35.8
58 66.0 57.4 86.2



#50
Toluene-d8
Concen: 47.496 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 98 Resp: 399114
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

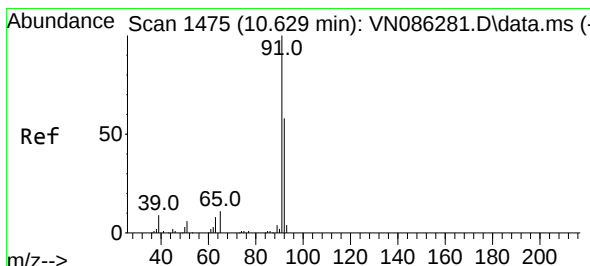
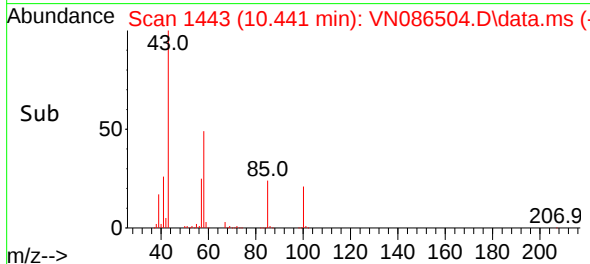
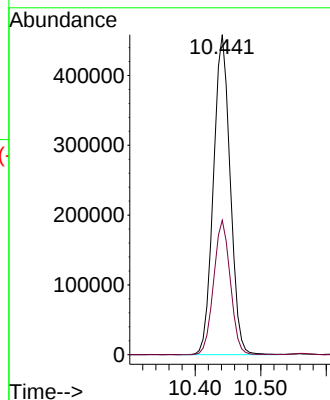
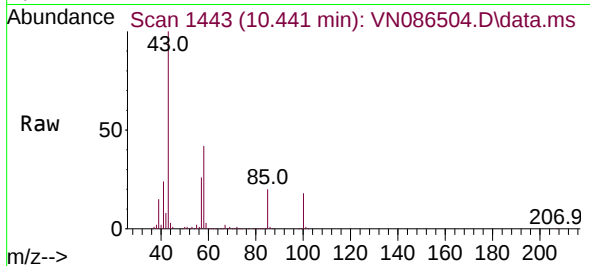




#51
4-Methyl-2-Pentanone
Concen: 240.230 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

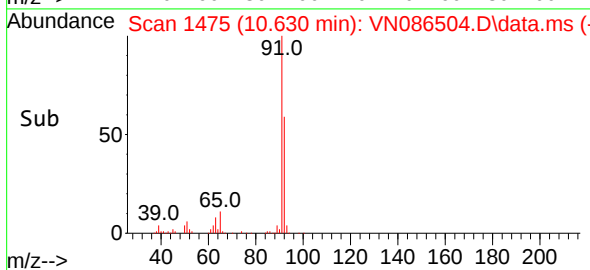
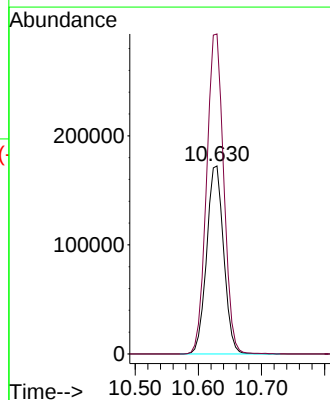
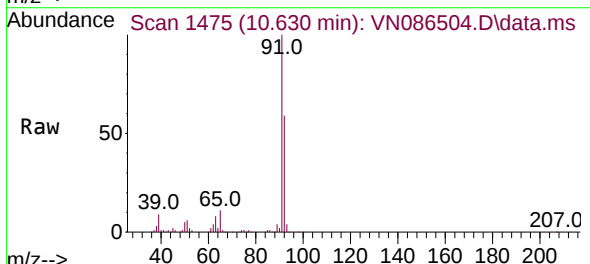
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

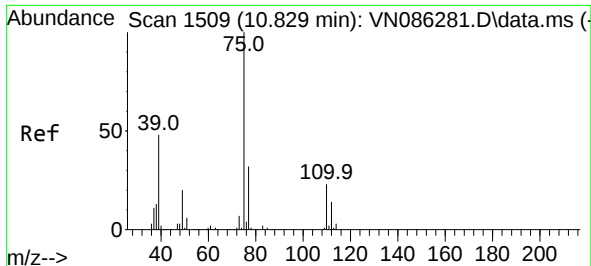
Tgt Ion: 43 Resp: 813318
Ion Ratio Lower Upper
43 100
58 41.7 32.2 48.4



#52
Toluene
Concen: 51.451 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 92 Resp: 323020
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9

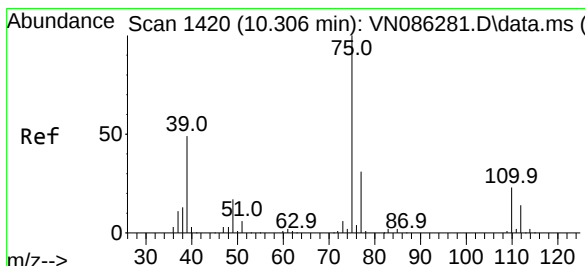
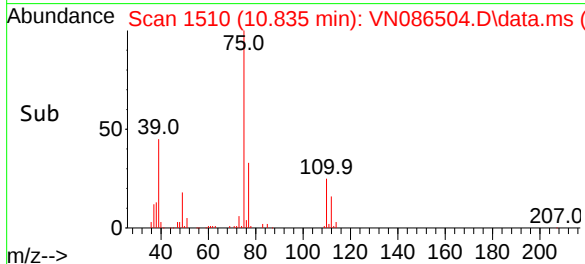
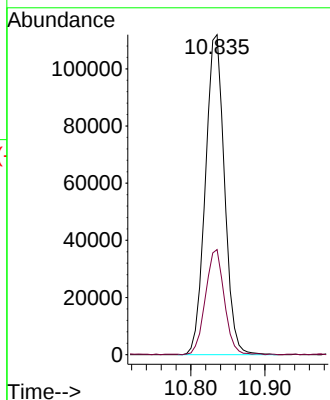
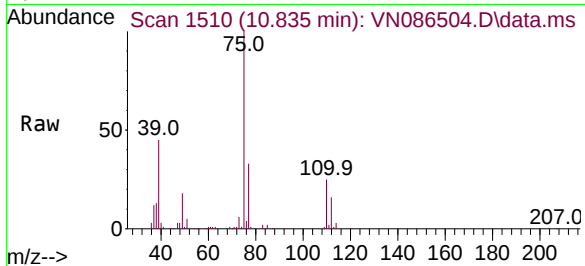




#53
 t-1,3-Dichloropropene
 Concen: 52.877 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

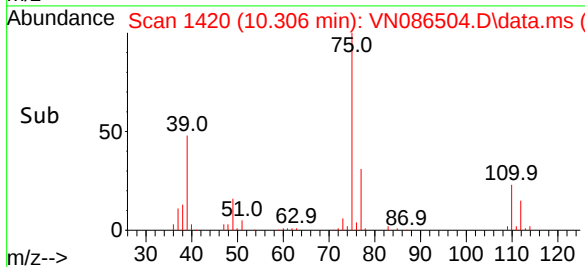
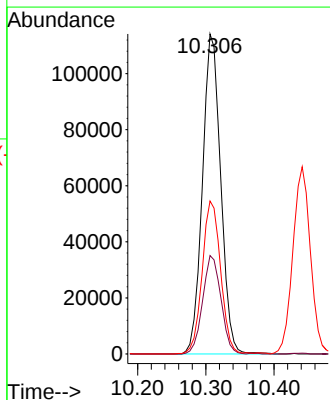
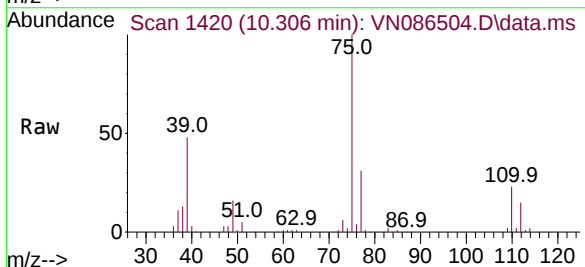
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

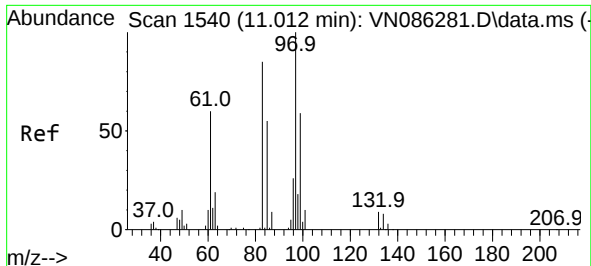
Tgt Ion: 75 Resp: 200053
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.209 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Tgt Ion: 75 Resp: 212799
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8
 39 47.6 39.3 58.9

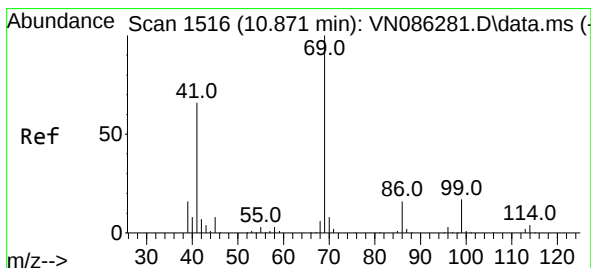
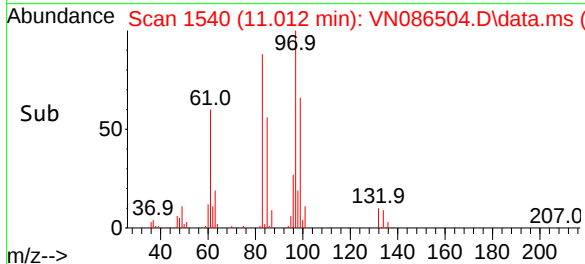
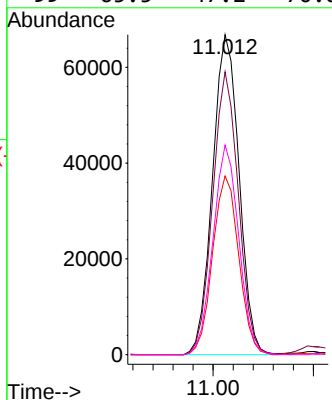
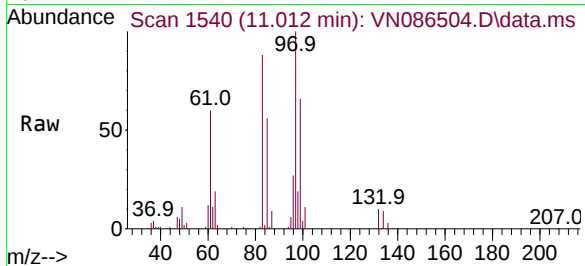




#55
1,1,2-Trichloroethane
Concen: 54.288 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

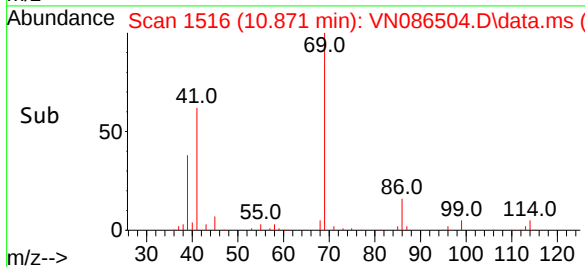
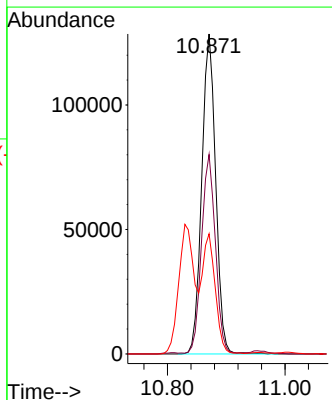
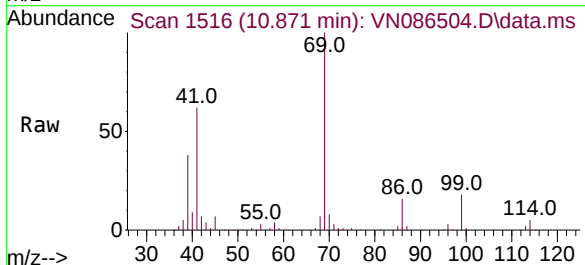
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

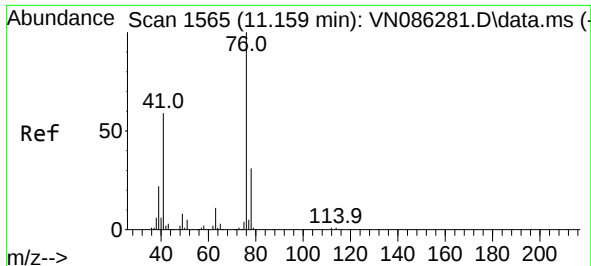
Tgt Ion:	97	Resp:	122629
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.4	102.6
85	55.8	43.9	65.9
99	65.5	47.2	70.8



#56
Ethyl methacrylate
Concen: 50.739 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:	69	Resp:	210673
Ion	Ratio	Lower	Upper
69	100		
41	61.9	51.7	77.5
39	33.8	26.3	39.5





#57

1,3-Dichloropropane

Concen: 52.560 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

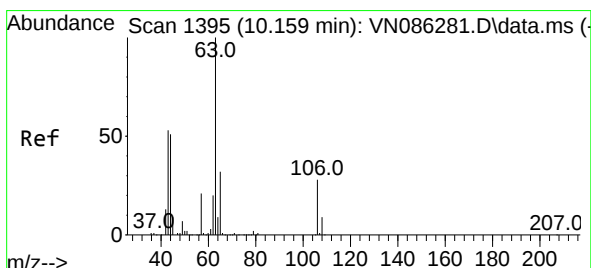
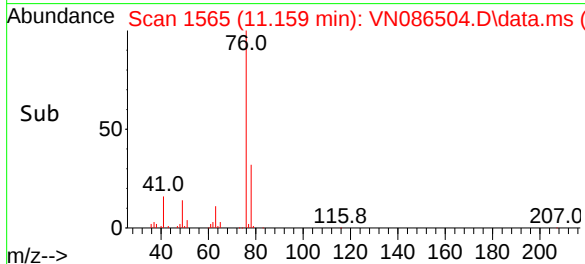
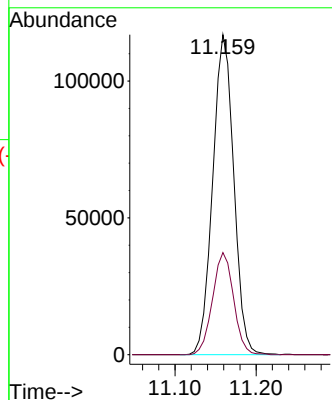
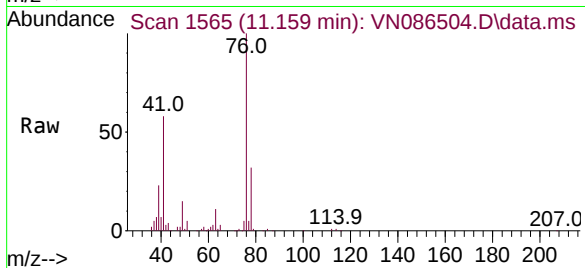
VSTDCCC050

Tgt Ion: 76 Resp: 210645

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 214.142 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086504.D

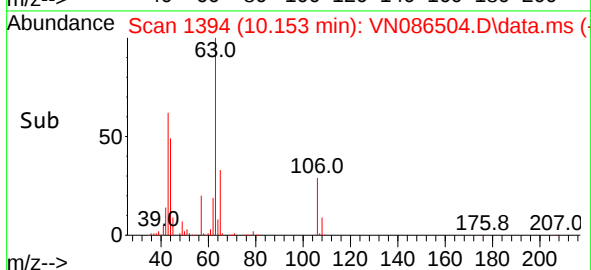
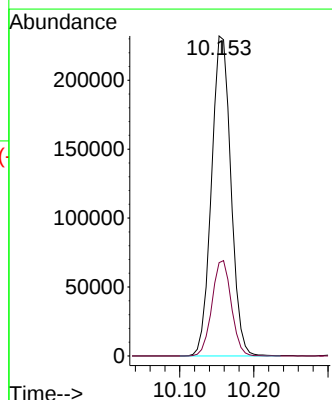
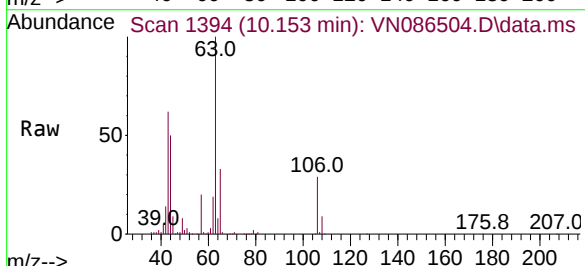
Acq: 06 May 2025 10:35

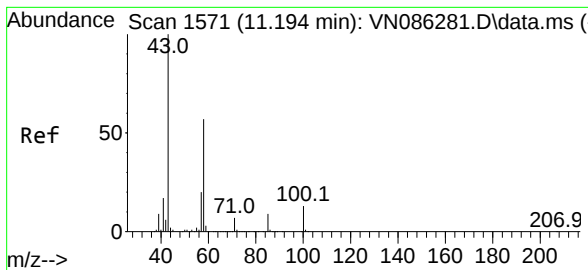
Tgt Ion: 63 Resp: 422017

Ion Ratio Lower Upper

63 100

106 29.7 22.2 33.2

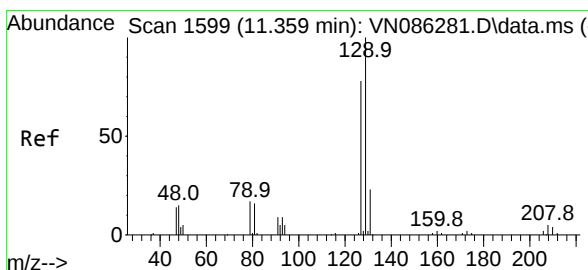
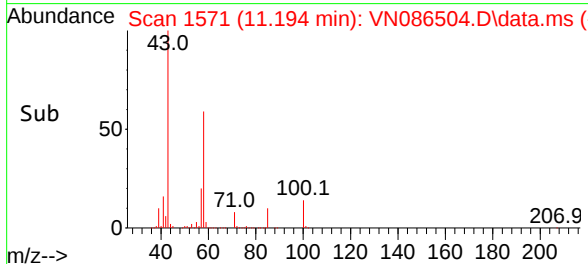
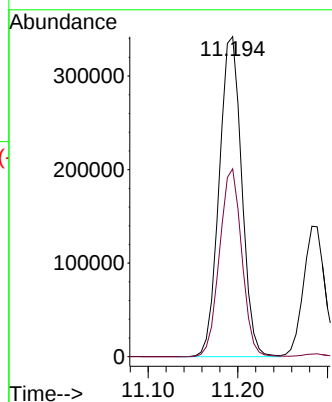
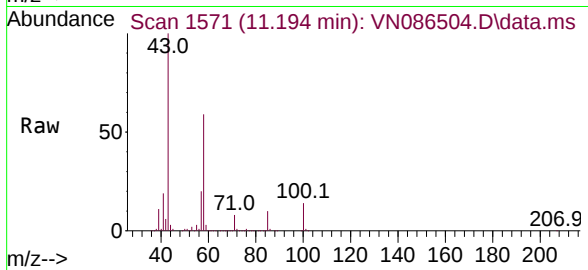




#59
2-Hexanone
Concen: 237.737 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

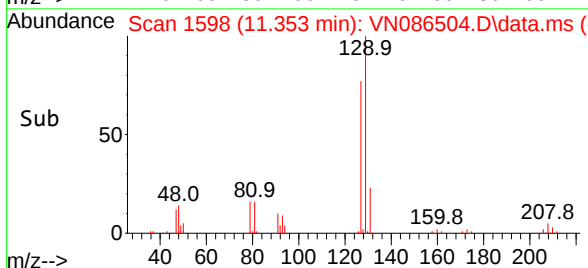
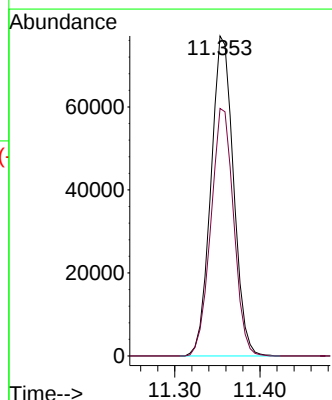
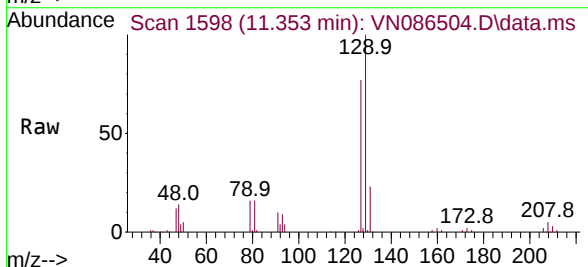
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

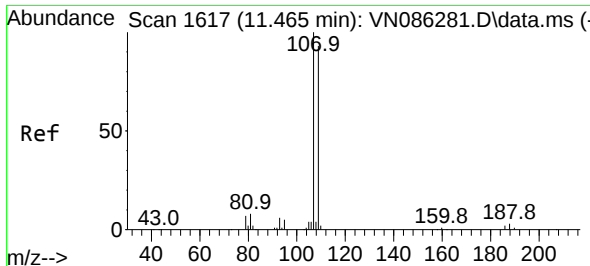
Tgt Ion: 43 Resp: 597003
Ion Ratio Lower Upper
43 100
58 57.8 28.3 85.0



#60
Dibromochloromethane
Concen: 57.174 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 129 Resp: 141817
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1

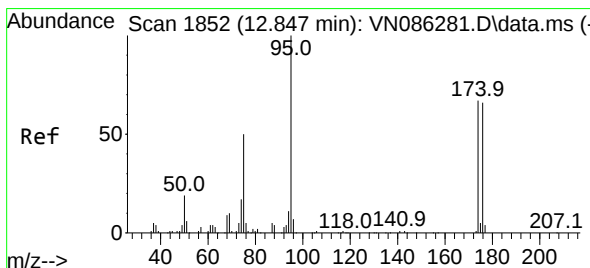
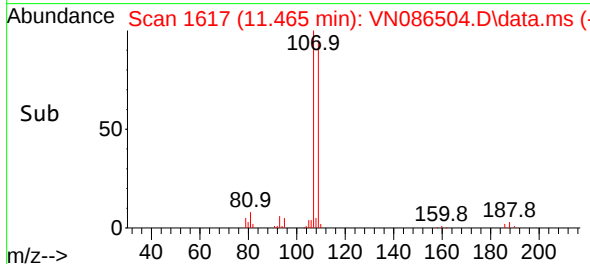
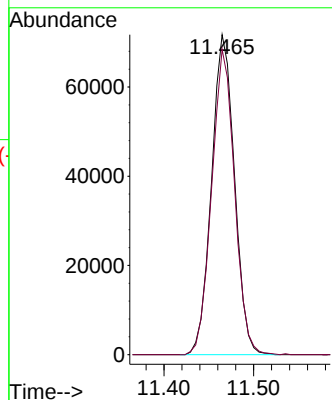
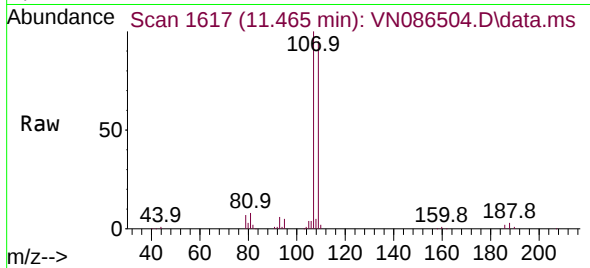




#61
1,2-Dibromoethane
Concen: 55.879 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

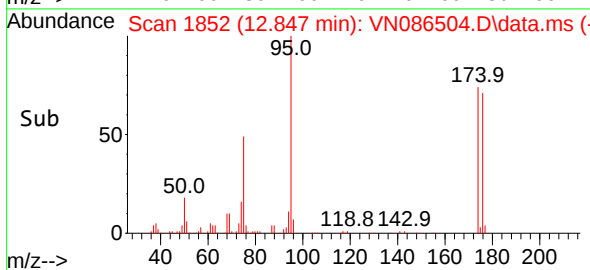
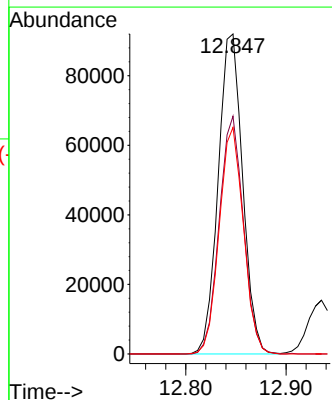
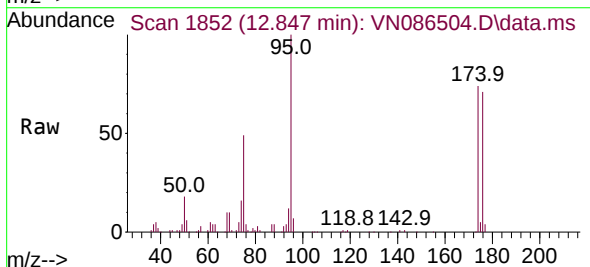
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

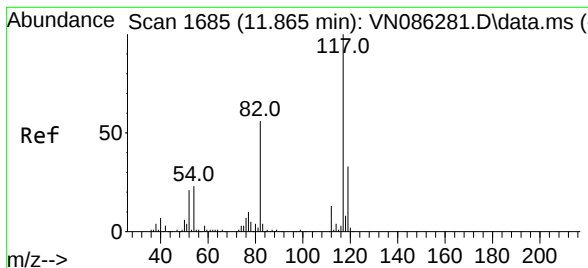
Tgt Ion:107 Resp: 127362
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 50.872 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 95 Resp: 155922
Ion Ratio Lower Upper
95 100
174 73.2 0.0 133.4
176 70.2 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

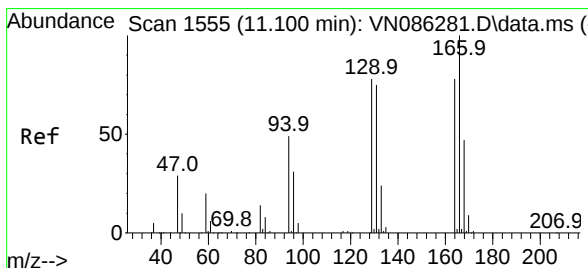
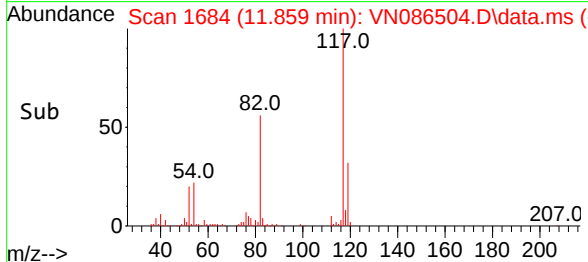
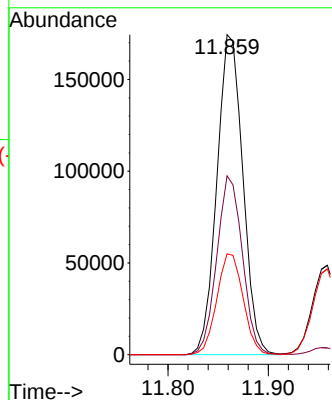
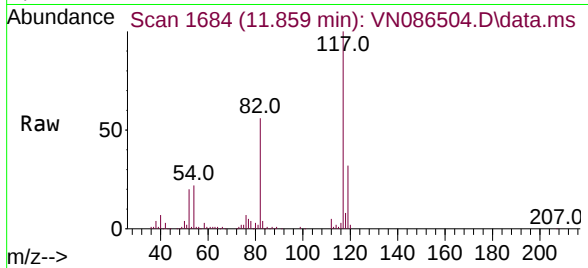
Tgt Ion:117 Resp: 314072

Ion Ratio Lower Upper

117 100

82 55.9 44.7 67.1

119 31.5 26.4 39.6



#64

Tetrachloroethene

Concen: 53.908 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Tgt Ion:164 Resp: 130234

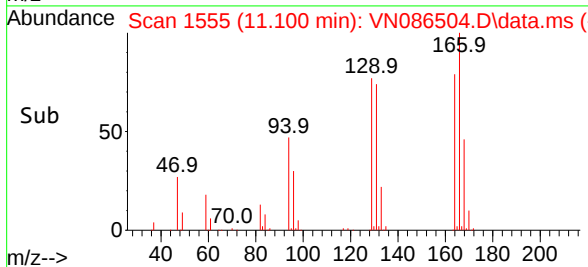
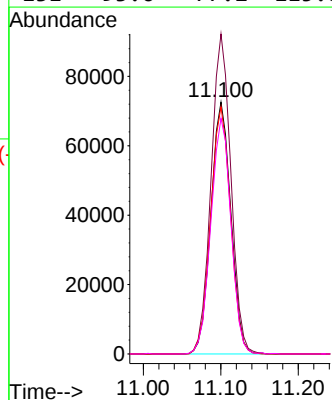
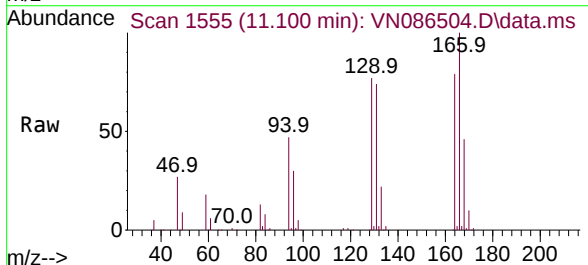
Ion Ratio Lower Upper

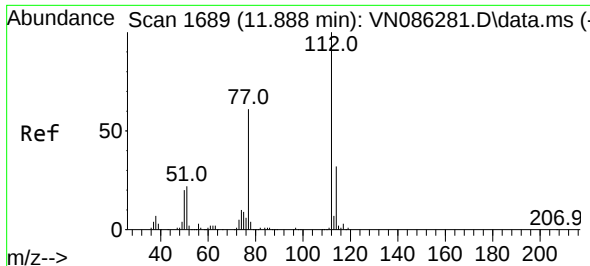
164 100

166 127.1 103.0 154.4

129 98.1 80.1 120.1

131 93.6 77.2 115.8

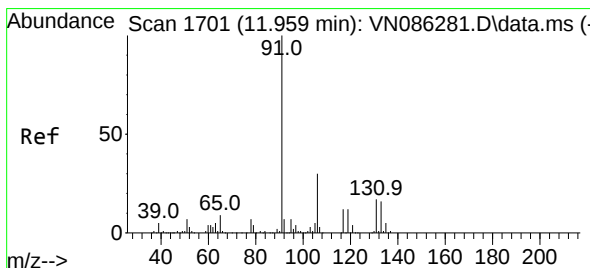
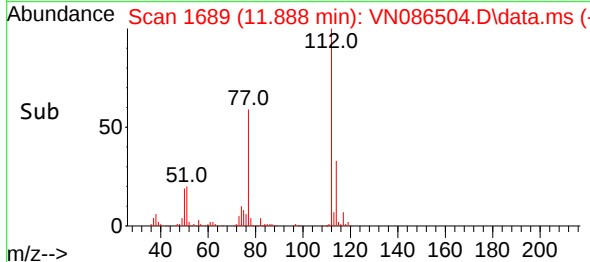
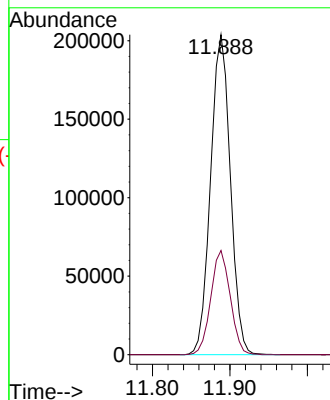
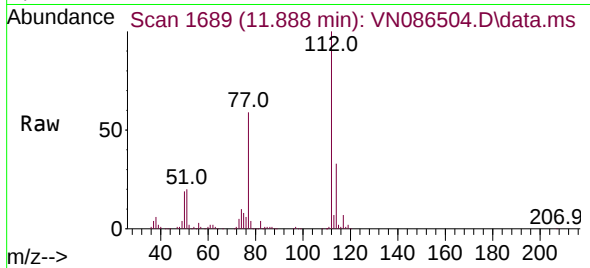




#65
Chlorobenzene
Concen: 51.618 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

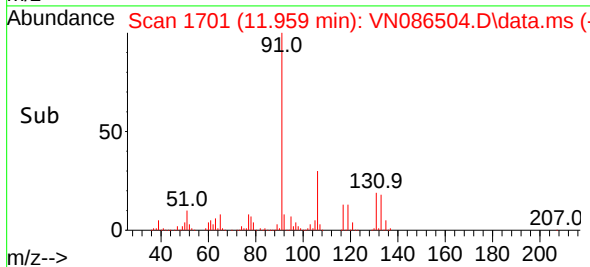
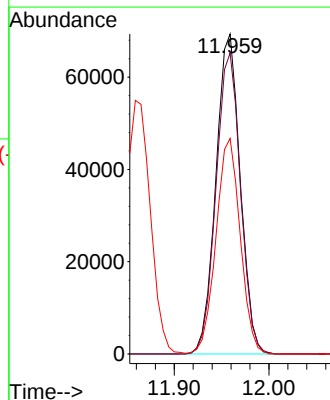
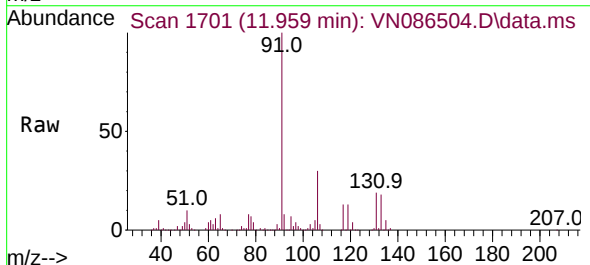
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

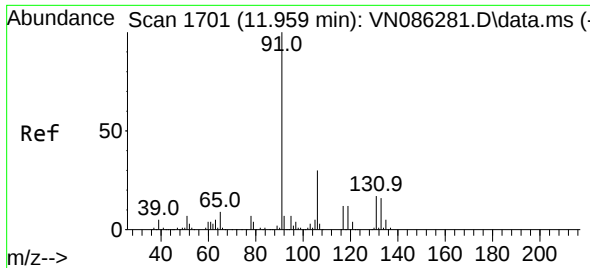
Tgt Ion:112 Resp: 361793
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.454 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:131 Resp: 123598
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.3
119 67.1 33.8 101.4

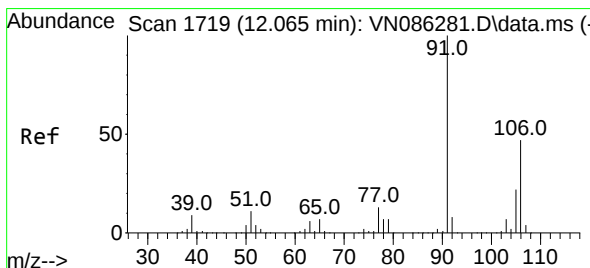
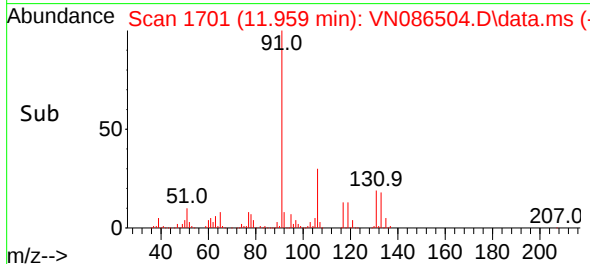
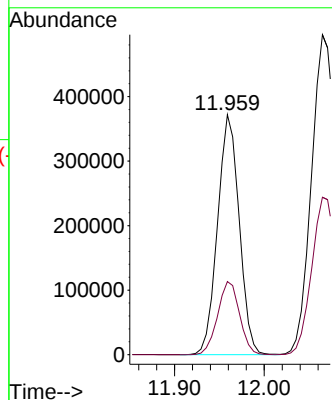
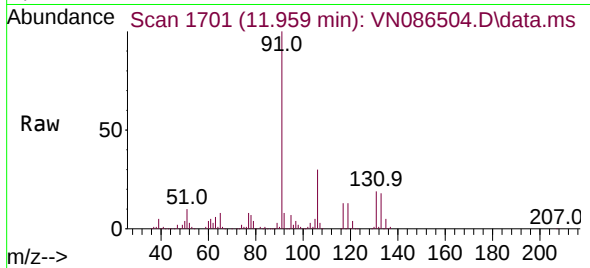




#67
Ethyl Benzene
Concen: 49.188 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

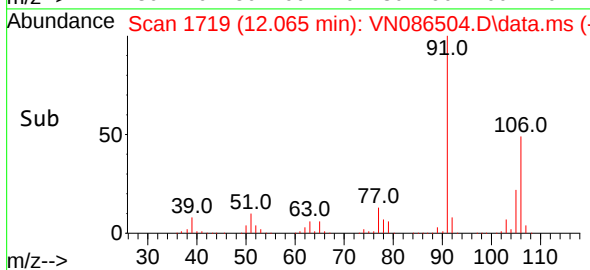
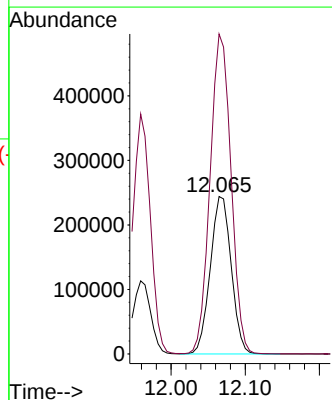
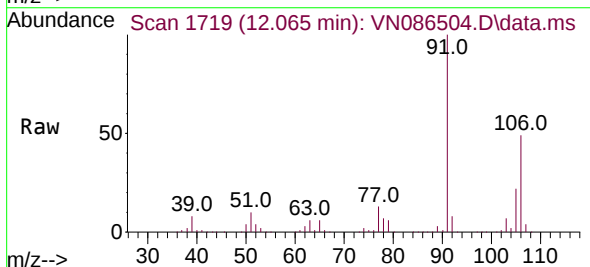
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

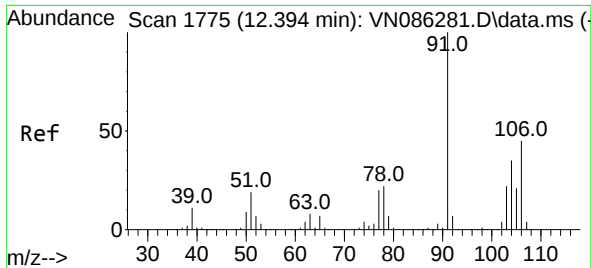
Tgt Ion: 91 Resp: 622129
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 101.007 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:106 Resp: 478687
Ion Ratio Lower Upper
106 100
91 203.4 166.5 249.7

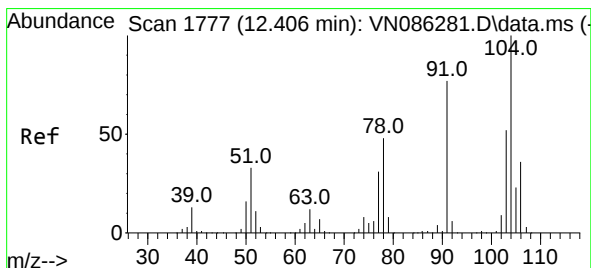
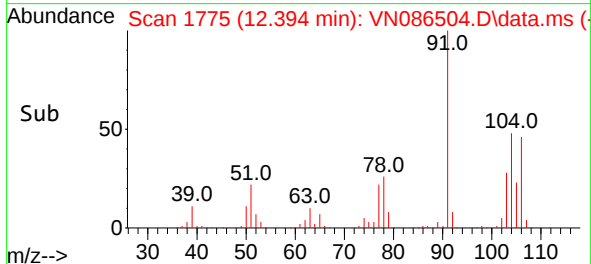
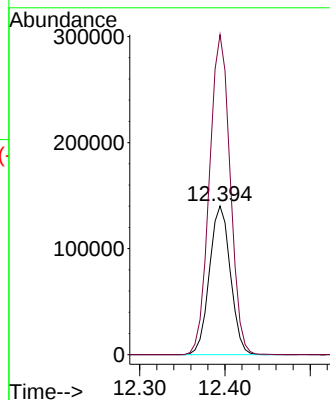
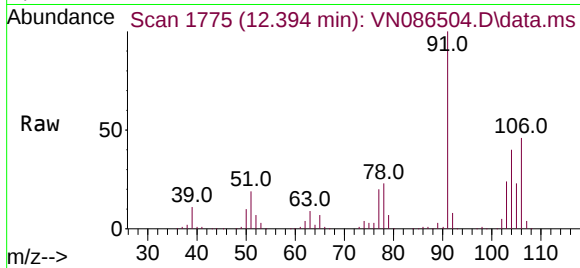




#69
o-Xylene
Concen: 51.063 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

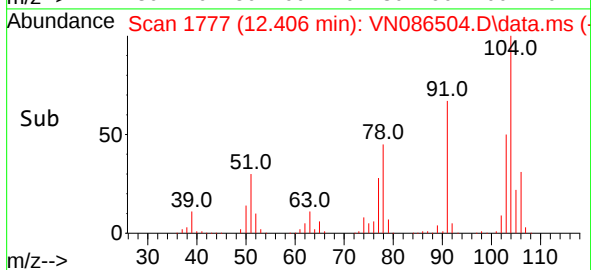
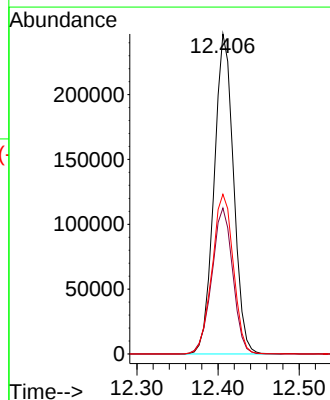
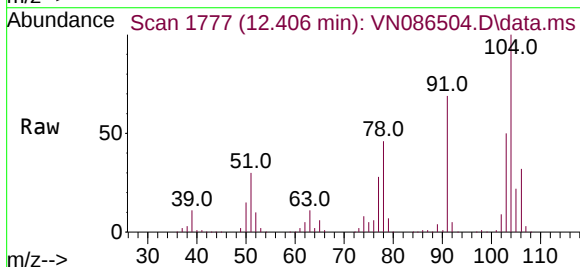
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 239320
Ion Ratio Lower Upper
106 100
91 213.9 109.7 329.0



#70
Styrene
Concen: 52.777 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:104 Resp: 412138
Ion Ratio Lower Upper
104 100
78 48.9 40.6 61.0
103 54.5 43.6 65.4

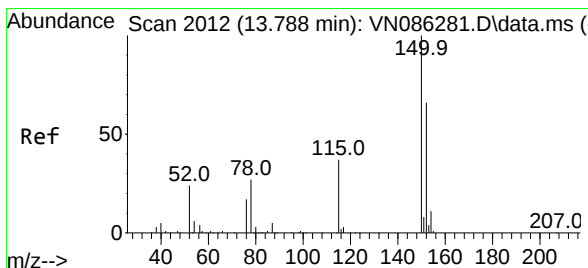
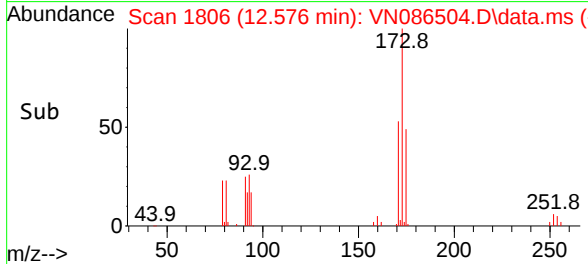
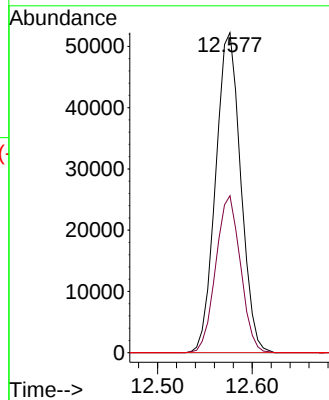
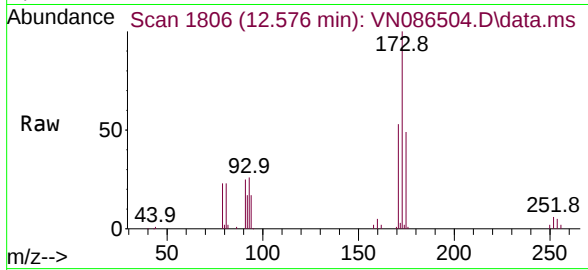




#71
Bromoform
Concen: 55.203 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

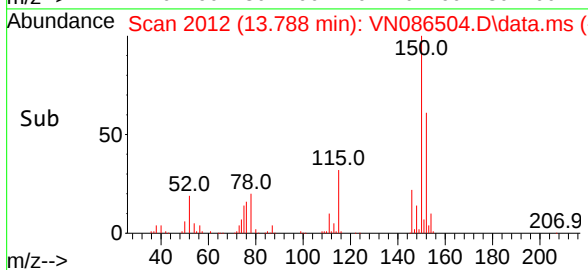
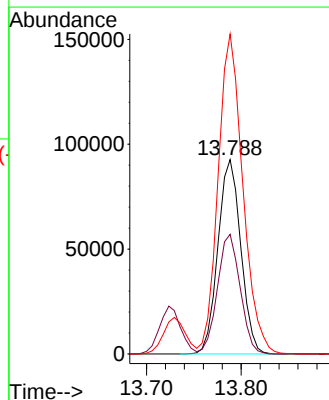
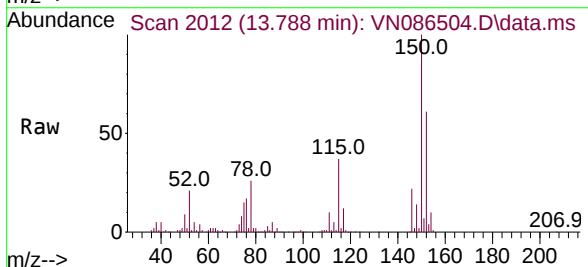
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

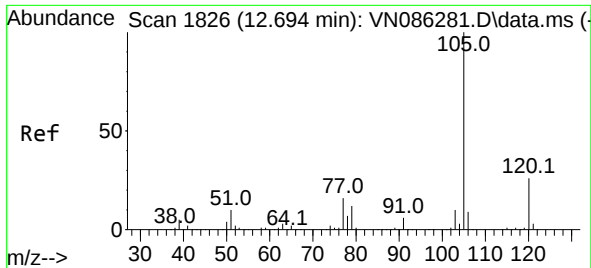
Tgt Ion:173 Resp: 96103
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:152 Resp: 155373
Ion Ratio Lower Upper
152 100
115 61.2 31.9 95.9
150 178.1 0.0 352.0

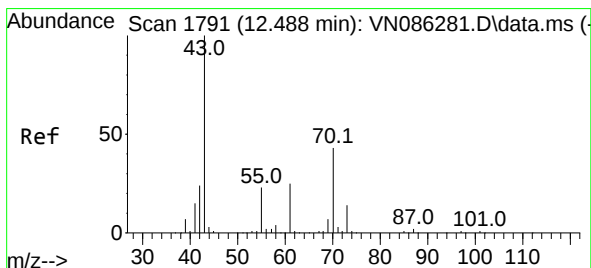
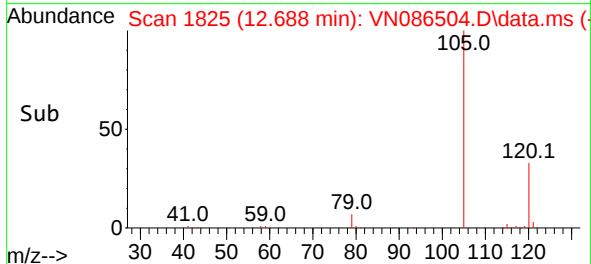
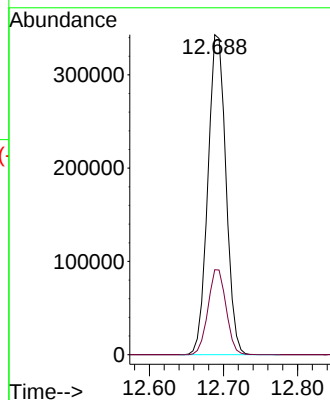
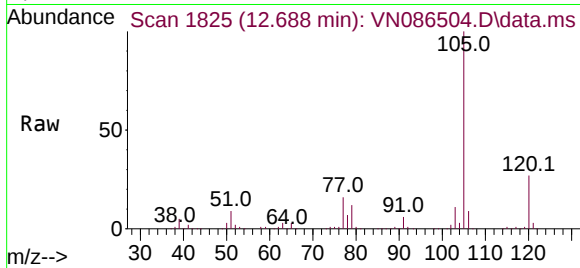




#73
Isopropylbenzene
Concen: 45.586 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

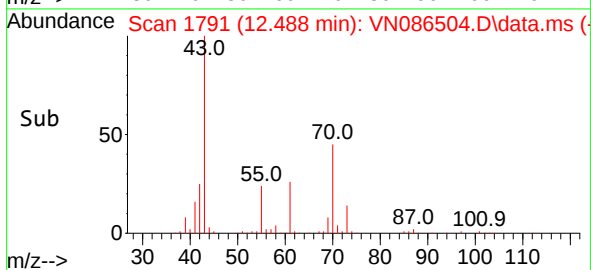
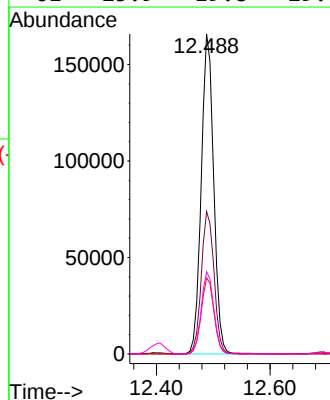
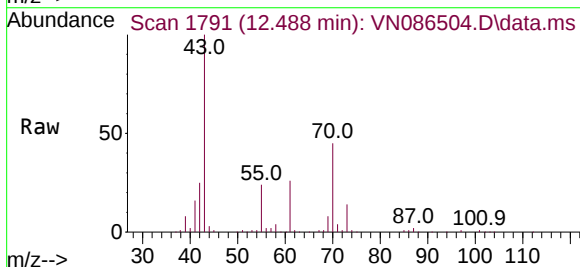
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

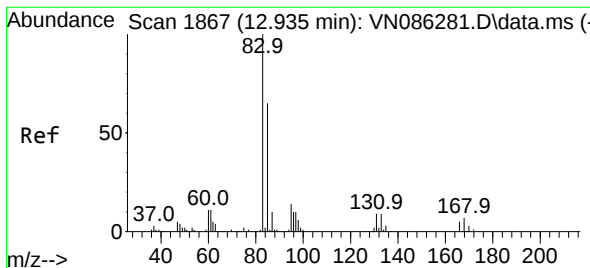
Tgt Ion:105 Resp: 579388
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#74
N-ethyl acetate
Concen: 39.902 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 252471
Ion Ratio Lower Upper
43 100
70 45.5 35.0 52.4
55 24.3 19.0 28.4
61 25.9 19.8 29.8

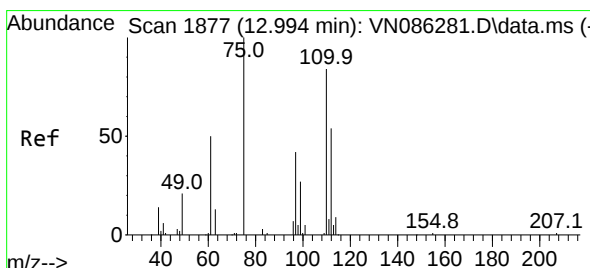
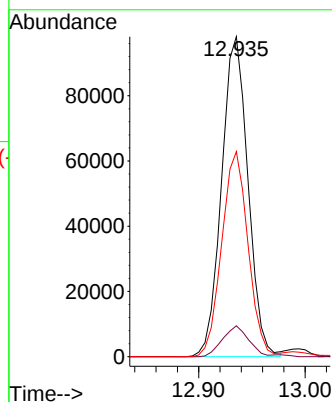
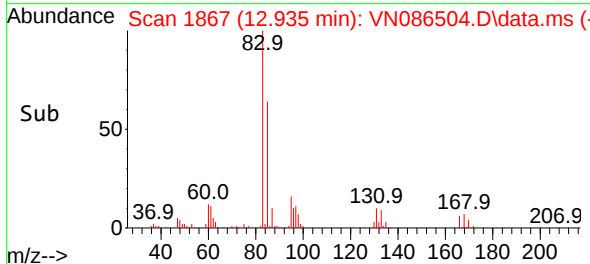
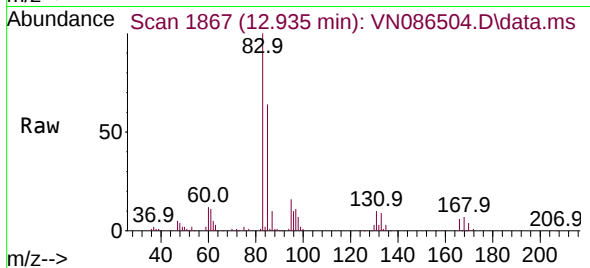




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.141 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

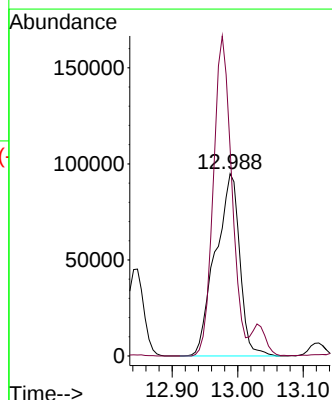
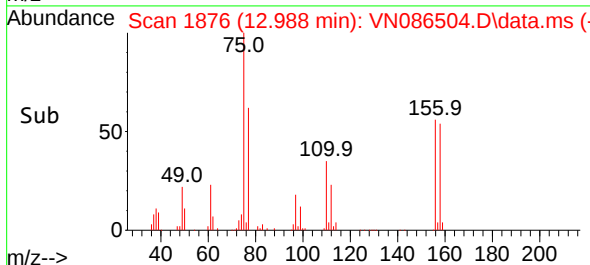
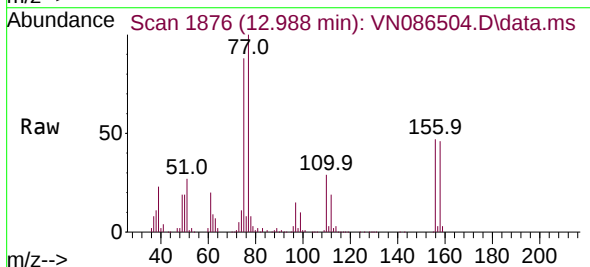
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

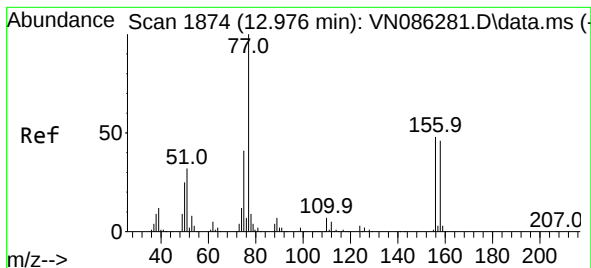
Tgt Ion: 83 Resp: 168619
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.7 14.1
 85 64.0 32.7 98.1



#76
 1,2,3-Trichloropropane
 Concen: 66.518 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Tgt Ion: 75 Resp: 243891
 Ion Ratio Lower Upper
 75 100
 77 133.8 98.8 296.4





#77

Bromobenzene

Concen: 52.953 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

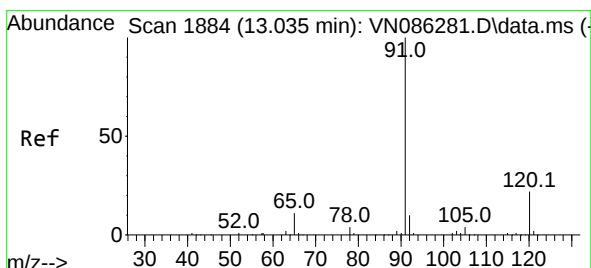
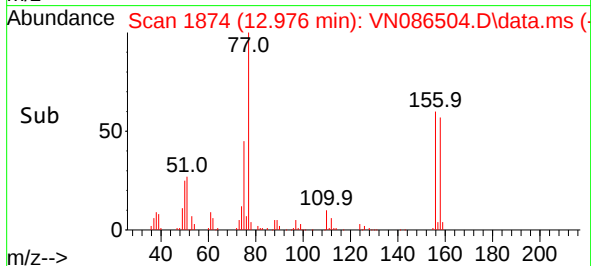
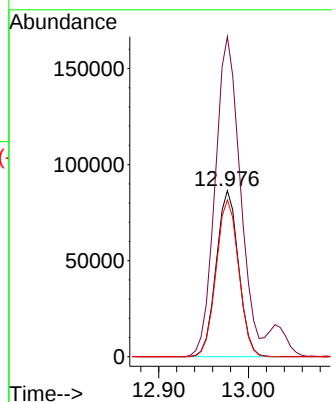
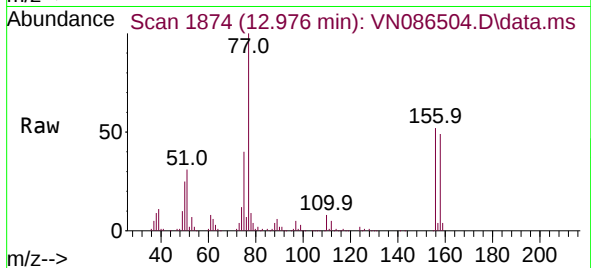
Tgt Ion:156 Resp: 149126

Ion Ratio Lower Upper

156 100

77 218.8 121.1 363.1

158 95.5 47.9 143.6



#78

n-propylbenzene

Concen: 45.457 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086504.D

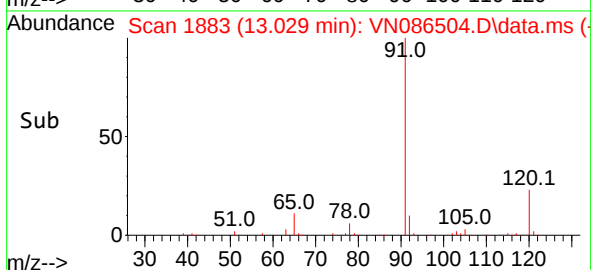
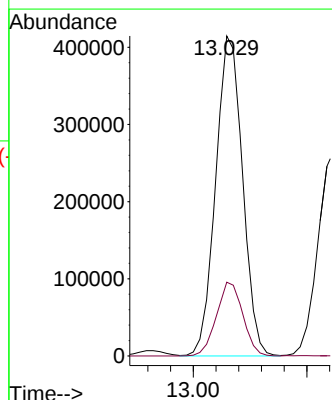
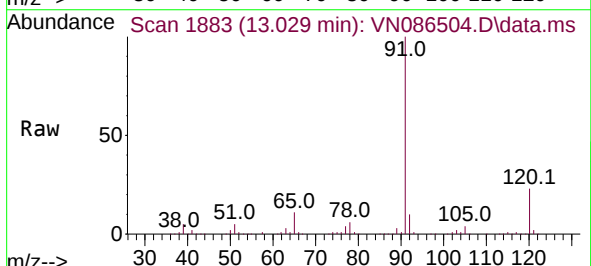
Acq: 06 May 2025 10:35

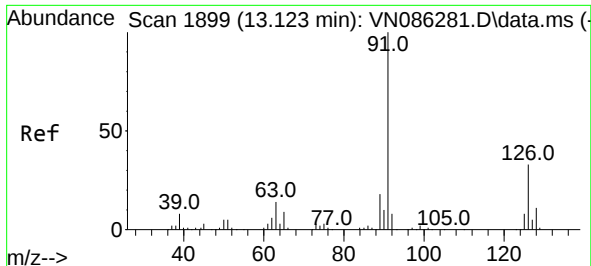
Tgt Ion: 91 Resp: 680807

Ion Ratio Lower Upper

91 100

120 22.6 11.1 33.3

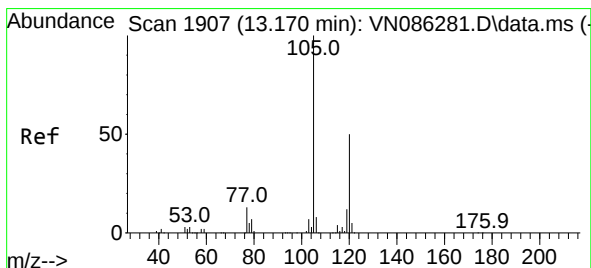
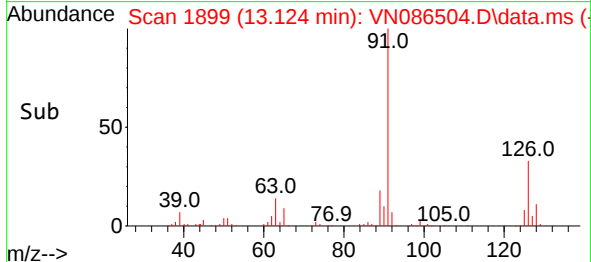
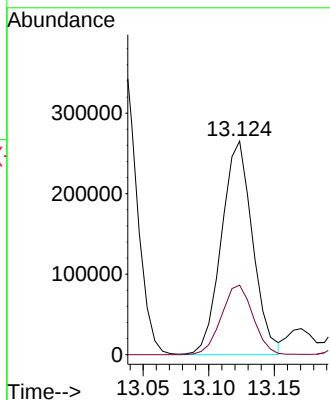
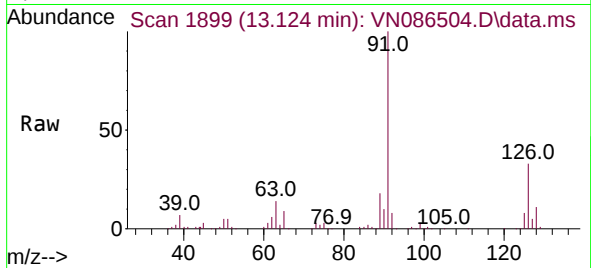




#79
2-Chlorotoluene
Concen: 46.829 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

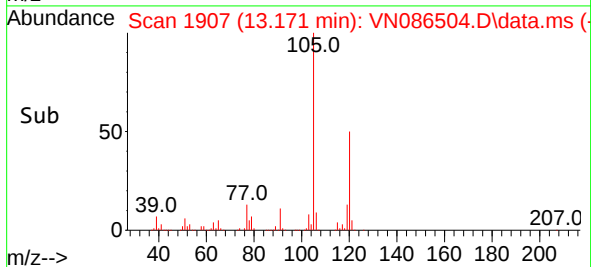
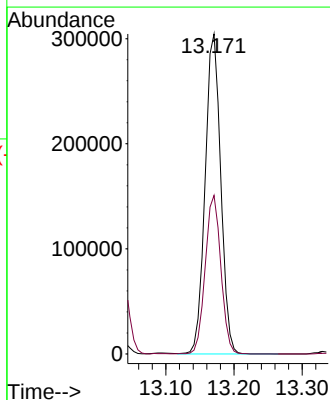
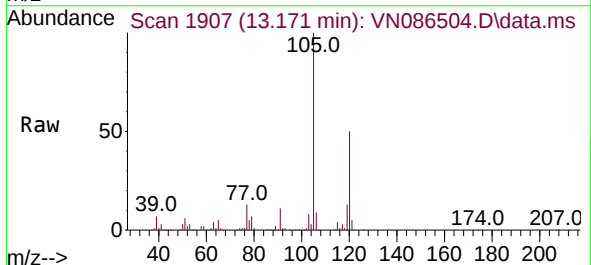
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

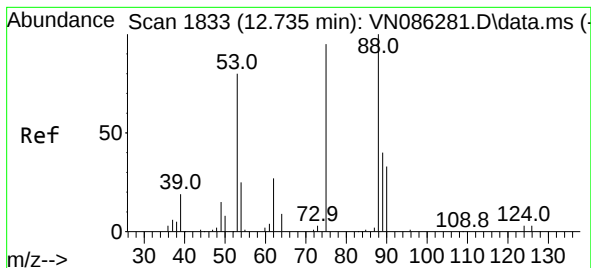
Tgt Ion: 91 Resp: 438870
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 46.676 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 105 Resp: 485554
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5

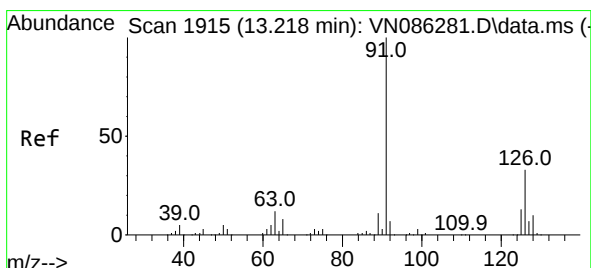
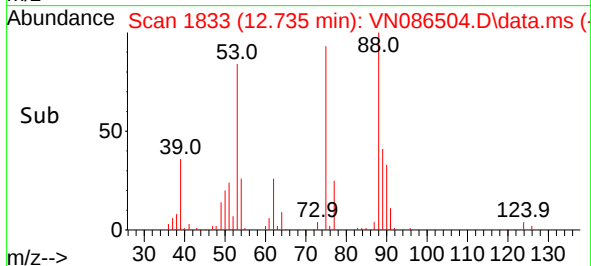
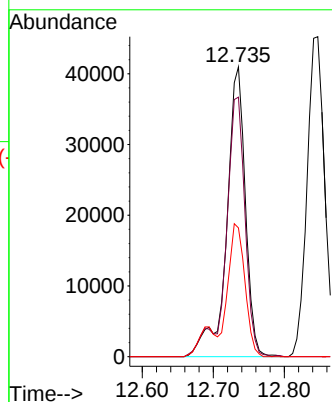
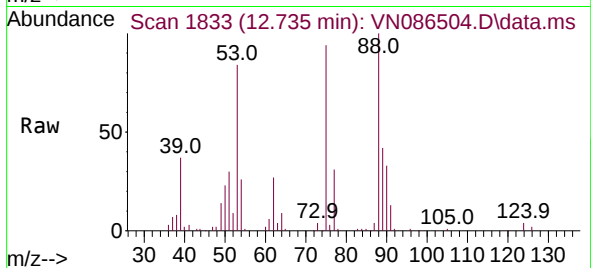




#81
trans-1,4-Dichloro-2-butene
Concen: 49.258 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

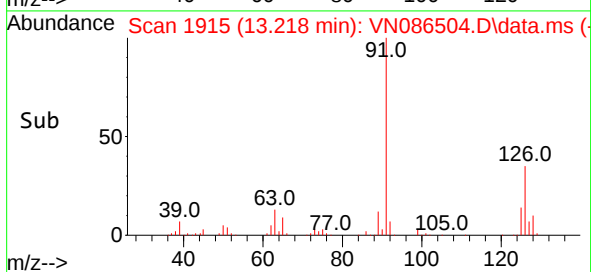
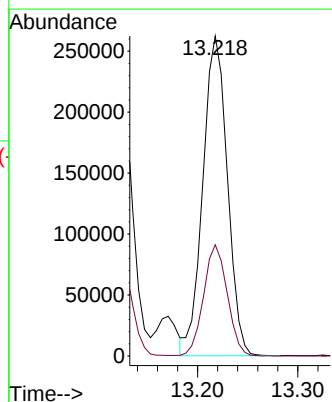
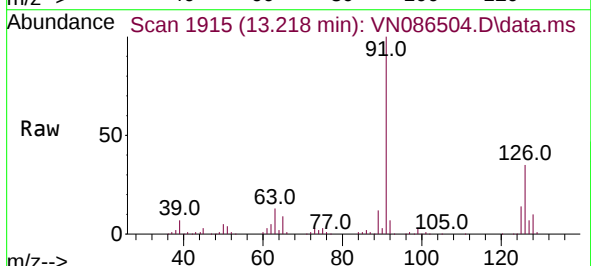
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

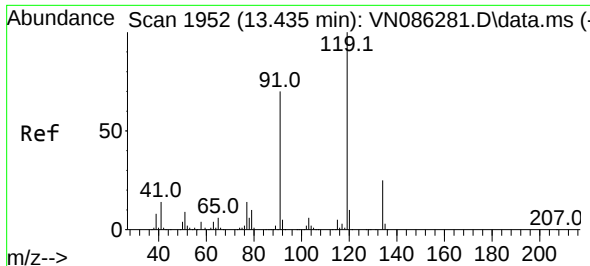
Tgt Ion: 75 Resp: 75202
Ion Ratio Lower Upper
75 100
53 82.2 79.2 118.8
89 41.4 35.7 53.5



#82
4-Chlorotoluene
Concen: 47.903 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 91 Resp: 445950
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6

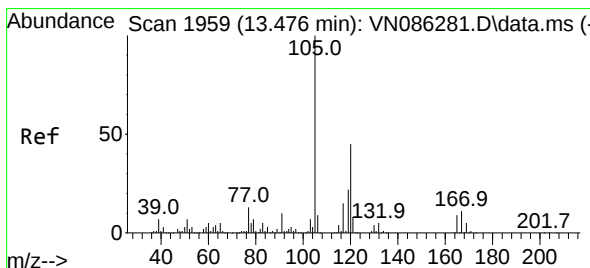
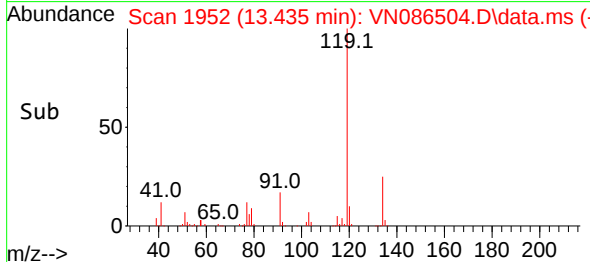
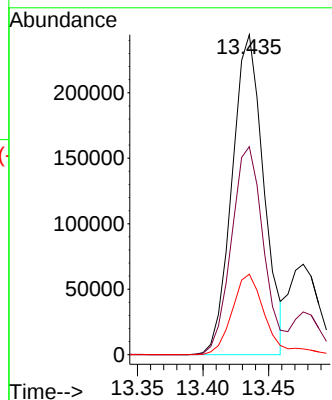
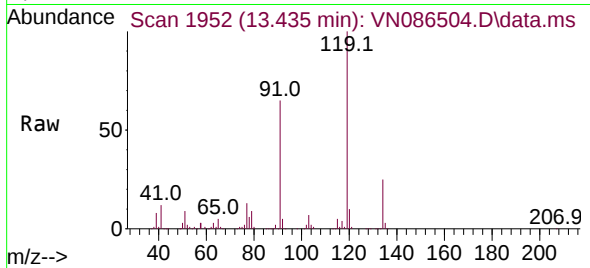




#83
 tert-Butylbenzene
 Concen: 45.565 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

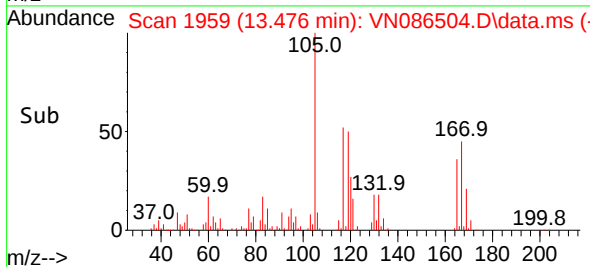
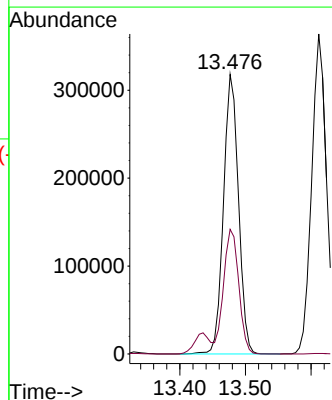
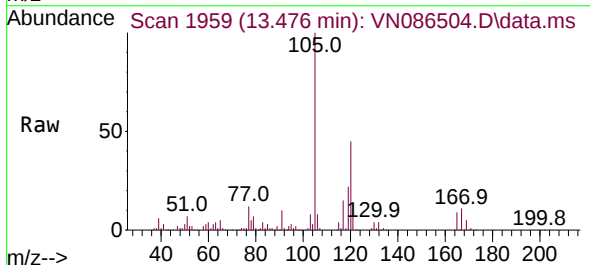
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

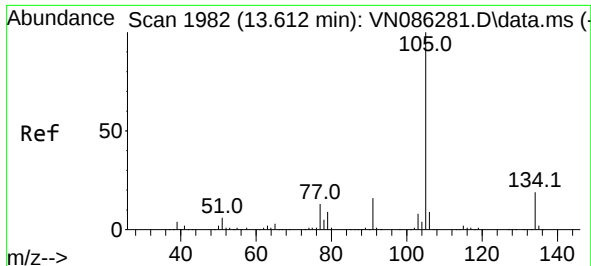
Tgt Ion:119 Resp: 410708
 Ion Ratio Lower Upper
 119 100
 91 66.8 34.4 103.3
 134 26.4 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 47.478 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Tgt Ion:105 Resp: 502742
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

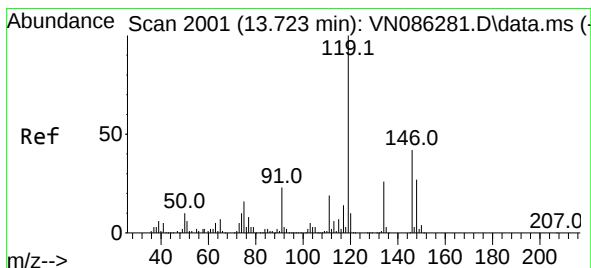
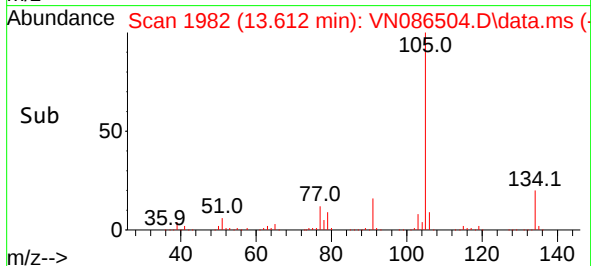
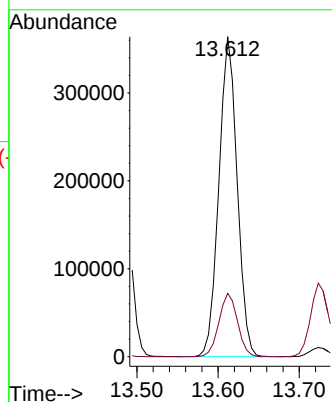
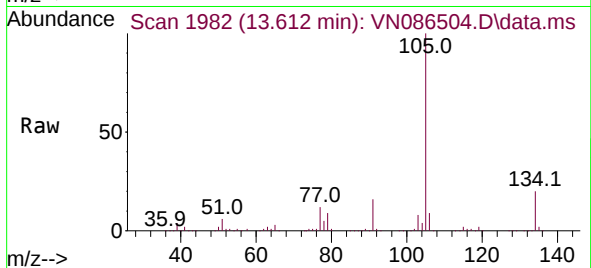




#85
sec-Butylbenzene
Concen: 45.578 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

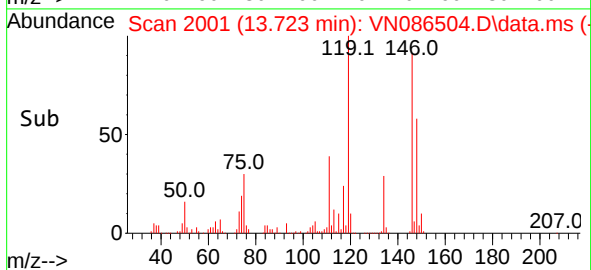
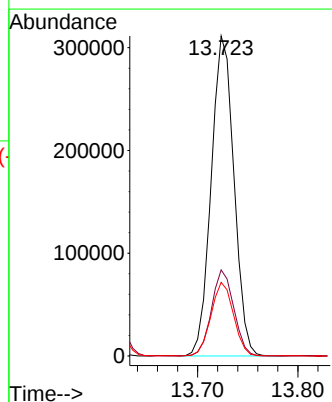
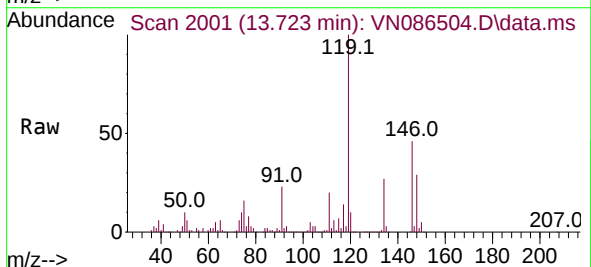
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

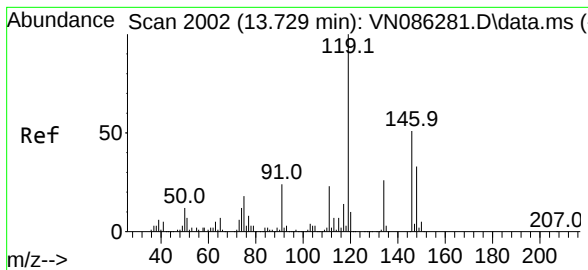
Tgt Ion:105 Resp: 569846
Ion Ratio Lower Upper
105 100
134 20.1 9.7 29.1



#86
p-Isopropyltoluene
Concen: 47.642 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:119 Resp: 490968
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.1
91 22.8 11.9 35.9

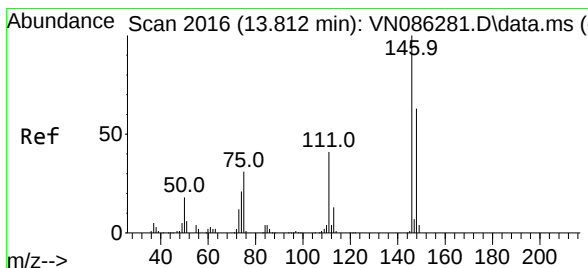
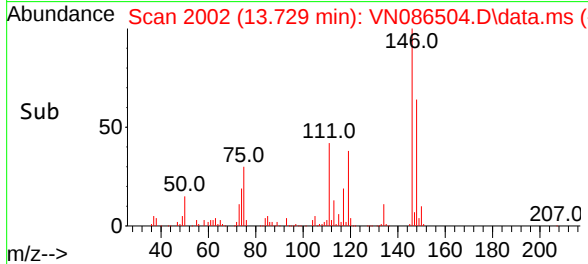
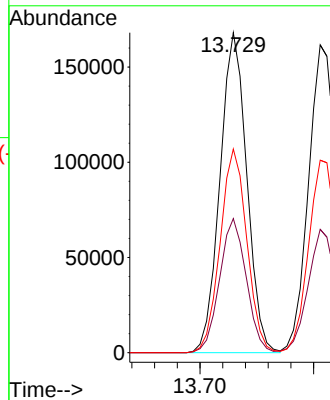
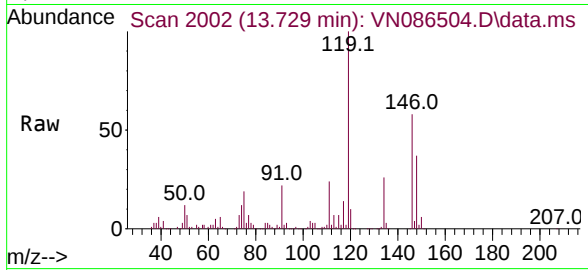




#87
1,3-Dichlorobenzene
Concen: 52.061 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

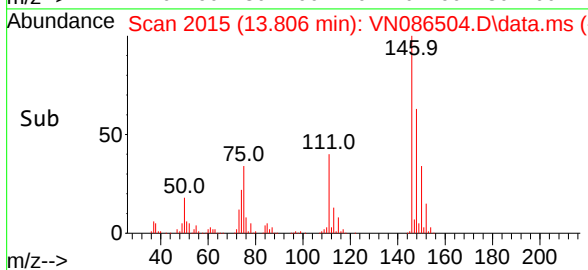
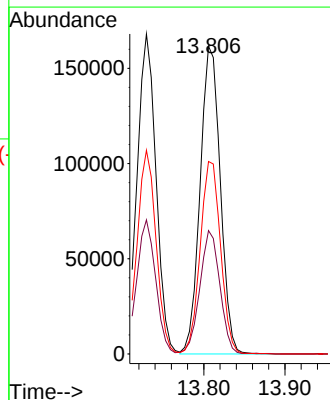
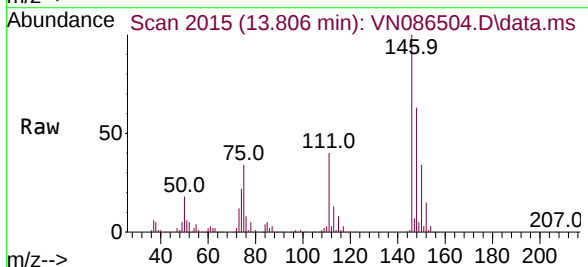
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 275607
Ion Ratio Lower Upper
146 100
111 41.7 21.9 65.7
148 63.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 52.379 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:146 Resp: 279296
Ion Ratio Lower Upper
146 100
111 39.6 21.3 63.9
148 63.2 31.9 95.9

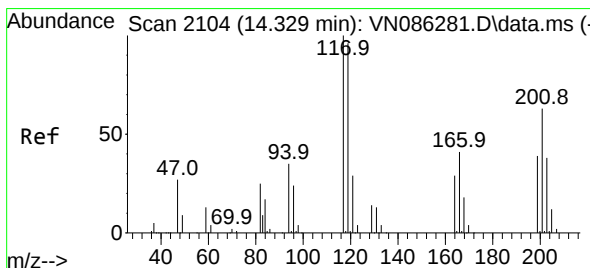
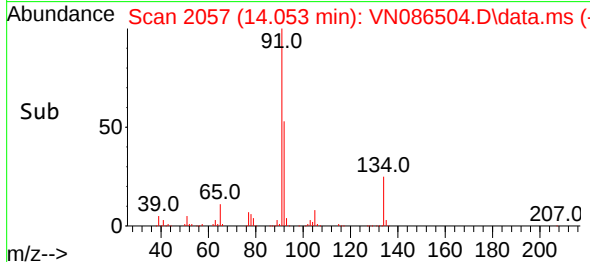
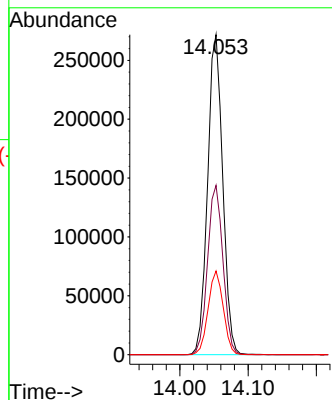
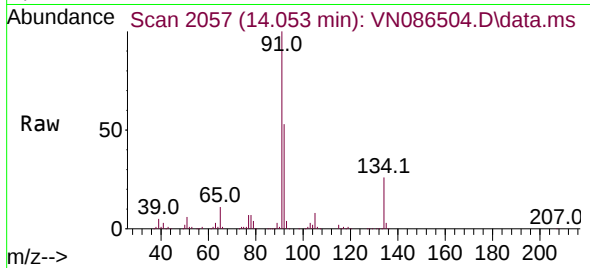




#89
n-Butylbenzene
Concen: 45.909 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

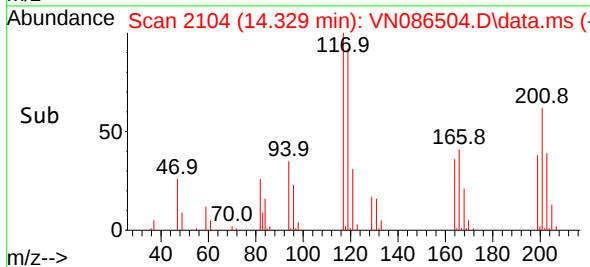
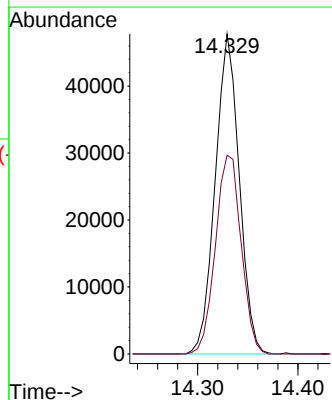
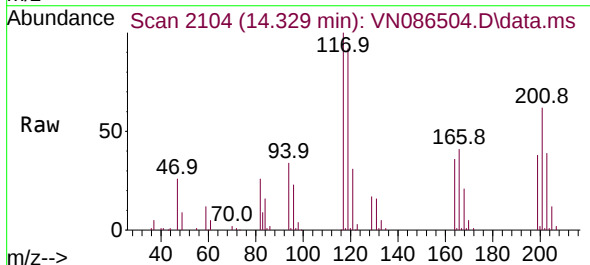
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

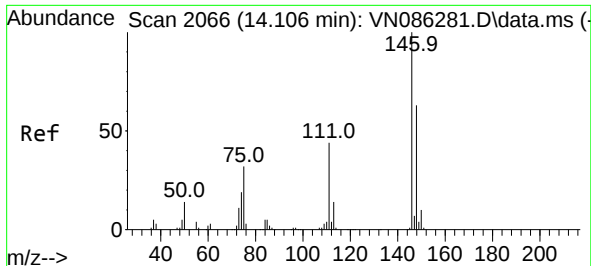
Tgt Ion: 91 Resp: 419349
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.4
134 26.2 12.2 36.6



#90
Hexachloroethane
Concen: 45.790 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 117 Resp: 79373
Ion Ratio Lower Upper
117 100
201 66.4 31.4 94.2

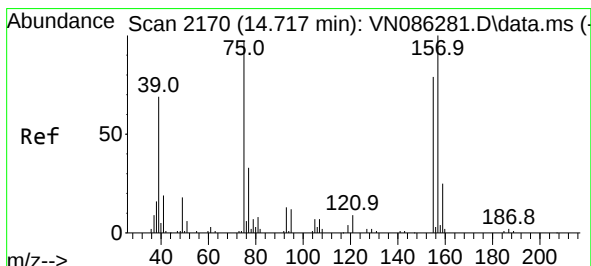
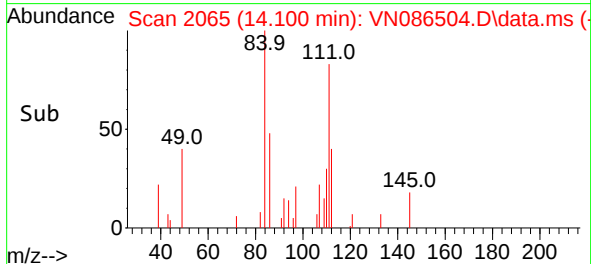
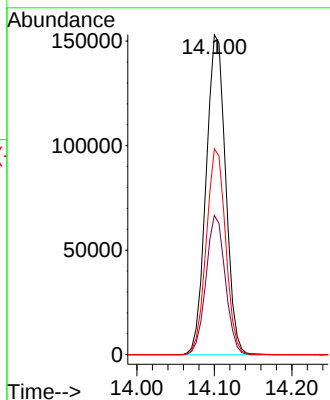
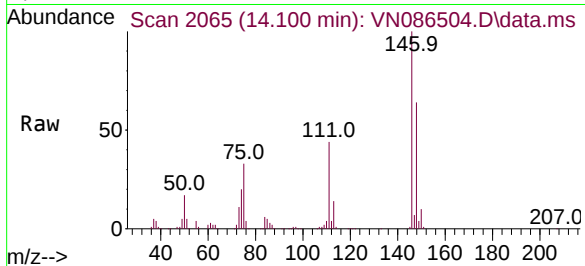




#91
1,2-Dichlorobenzene
Concen: 52.188 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

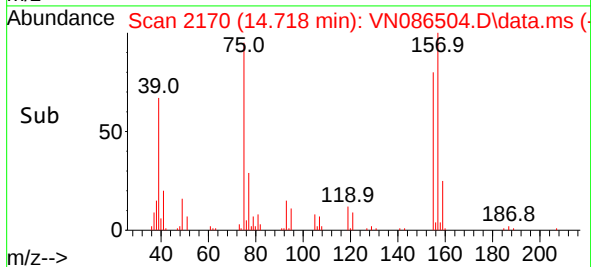
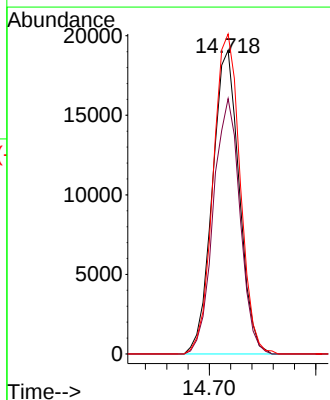
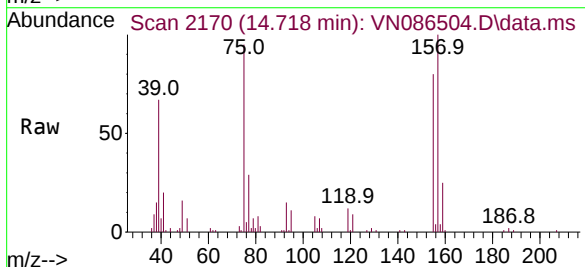
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

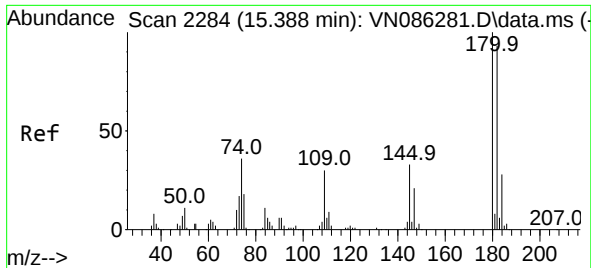
Tgt Ion:146 Resp: 267864
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.0
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.153 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 75 Resp: 33271
Ion Ratio Lower Upper
75 100
155 83.5 40.3 120.9
157 105.8 49.0 147.2

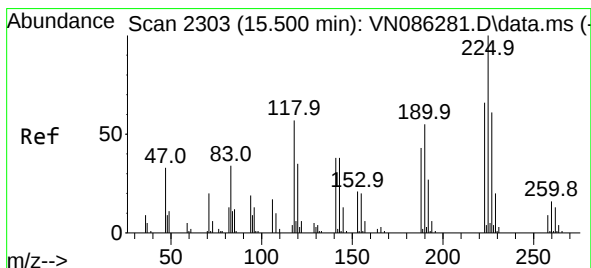
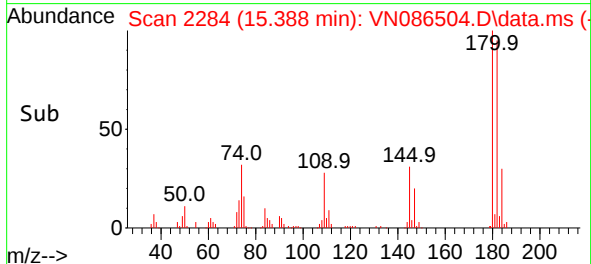
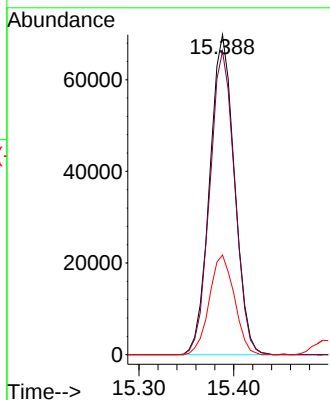
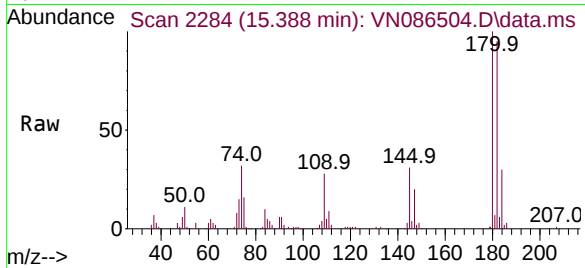




#93
 1,2,4-Trichlorobenzene
 Concen: 51.561 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

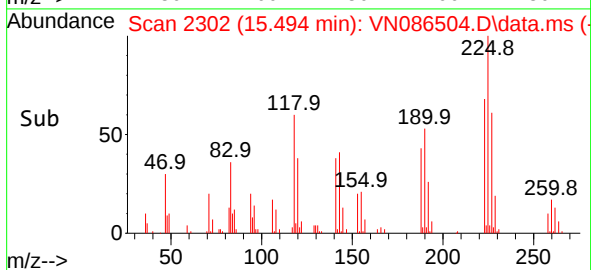
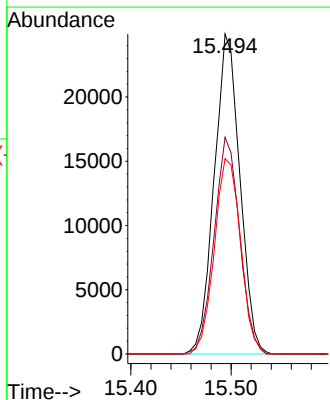
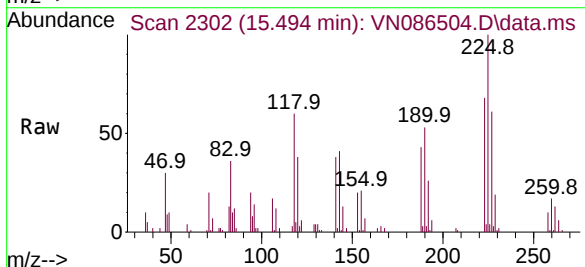
Instrument :
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 VSTDCCC050

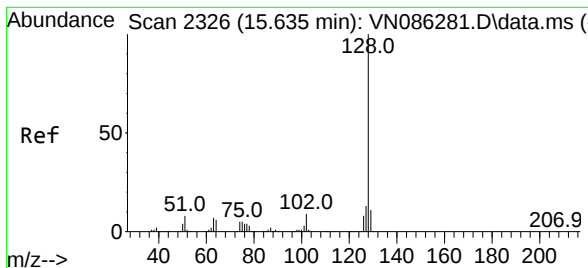
Tgt Ion:180 Resp: 126722
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.0 141.0
 145 31.5 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 47.708 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Tgt Ion:225 Resp: 44262
 Ion Ratio Lower Upper
 225 100
 223 67.1 32.8 98.3
 227 62.6 31.4 94.0

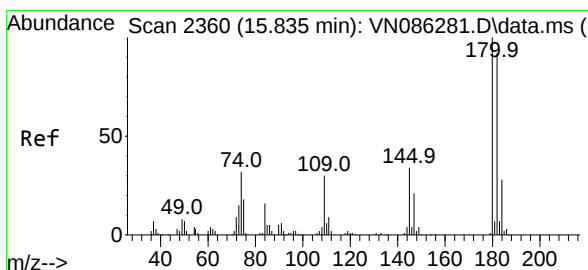
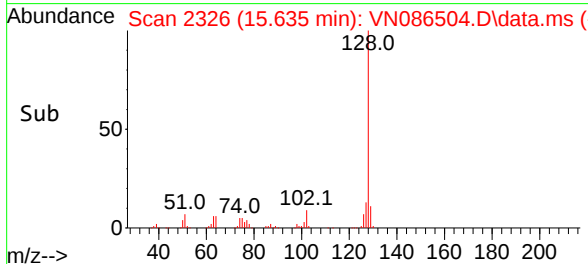
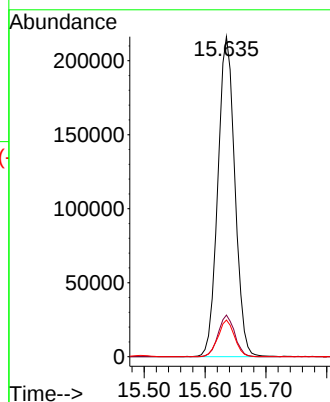
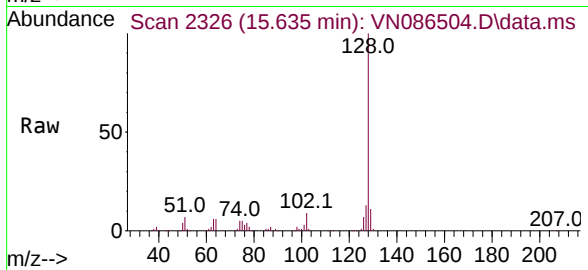




#95
Naphthalene
Concen: 48.117 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 419212
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.224 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:180 Resp: 119191
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 33.6 17.2 51.5

