

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
 Data File : VN086191.D
 Acq On : 01 Apr 2025 12:30
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 02 01:51:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	131862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	204993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	195897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97838	54.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.360%	
35) Dibromofluoromethane	8.165	113	74351	51.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.920%	
50) Toluene-d8	10.565	98	283232	54.542	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.080%	
62) 4-Bromofluorobenzene	12.847	95	105921	57.194	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	105974	60.662	ug/l	98
3) Chloromethane	2.359	50	86301	56.350	ug/l	98
4) Vinyl Chloride	2.506	62	91233	58.261	ug/l	99
5) Bromomethane	2.936	94	50856	47.678	ug/l	98
6) Chloroethane	3.106	64	48523	49.119	ug/l	95
7) Trichlorofluoromethane	3.489	101	140135	49.782	ug/l	99
8) Diethyl Ether	3.959	74	36707	42.596	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	70730	47.277	ug/l	99
10) Methyl Iodide	4.583	142	94384	48.417	ug/l	93
11) Tert butyl alcohol	5.524	59	56164	219.694	ug/l	98
12) 1,1-Dichloroethene	4.336	96	63208	46.789	ug/l	96
13) Acrolein	4.177	56	49816	182.699	ug/l	94
14) Allyl chloride	5.018	41	67909	40.294	ug/l	93
15) Acrylonitrile	5.718	53	159244	235.861	ug/l	98
16) Acetone	4.424	43	116296	210.819	ug/l	97
17) Carbon Disulfide	4.712	76	194846	43.857	ug/l	99
18) Methyl Acetate	5.024	43	63507	46.530	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	217945	49.233	ug/l	100
20) Methylene Chloride	5.277	84	77510	48.030	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	73509	49.791	ug/l	96
22) Diisopropyl ether	6.671	45	172108	47.921	ug/l	99
23) Vinyl Acetate	6.600	43	656603	241.172	ug/l	98
24) 1,1-Dichloroethane	6.565	63	127834	48.404	ug/l	100
25) 2-Butanone	7.482	43	185831	233.461	ug/l	100
26) 2,2-Dichloropropane	7.488	77	120377	47.344	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	85938	51.224	ug/l	98
28) Bromochloromethane	7.812	49	54285	48.515	ug/l	99
29) Tetrahydrofuran	7.835	42	124704	253.767	ug/l	98
30) Chloroform	7.965	83	151272	51.821	ug/l	97
31) Cyclohexane	8.253	56	105197	46.757	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	146295	52.943	ug/l	98
36) 1,1-Dichloropropene	8.371	75	101016	53.617	ug/l	99
37) Ethyl Acetate	7.559	43	77375	48.680	ug/l	100
38) Carbon Tetrachloride	8.359	117	141628	57.173	ug/l	98
39) Methylcyclohexane	9.600	83	96125	51.425	ug/l	90
40) Benzene	8.606	78	317513	53.684	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	41220	54.310	ug/l	96
42) 1,2-Dichloroethane	8.665	62	113538	55.093	ug/l	99
43) Isopropyl Acetate	8.688	43	135463	39.330	ug/l	99
44) Trichloroethene	9.353	130	75257	49.095	ug/l	95
45) 1,2-Dichloropropane	9.618	63	70881	52.691	ug/l	92
46) Dibromomethane	9.706	93	58614	55.405	ug/l	99
47) Bromodichloromethane	9.888	83	122368	55.345	ug/l	99
48) Methyl methacrylate	9.676	41	61608	54.205	ug/l	96
49) 1,4-Dioxane	9.694	88	30471	1134.096	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	433441	285.346	ug/l	99
52) Toluene	10.629	92	212069	58.421	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	115814	53.936	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	121877	53.797	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	77847	56.188	ug/l	96
56) Ethyl methacrylate	10.871	69	111441	51.295	ug/l	98
57) 1,3-Dichloropropane	11.159	76	132157	56.160	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	263133	304.296	ug/l	99
59) 2-Hexanone	11.194	43	321084	290.158	ug/l	99
60) Dibromochloromethane	11.359	129	102372	57.261	ug/l	99
61) 1,2-Dibromoethane	11.470	107	78903	55.473	ug/l	98
64) Tetrachloroethene	11.100	164	80488	51.506	ug/l	97
65) Chlorobenzene	11.888	112	225670	50.343	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	87978	52.796	ug/l	98
67) Ethyl Benzene	11.965	91	386894	53.956	ug/l	99
68) m/p-Xylenes	12.070	106	317096	112.511	ug/l	98
69) o-Xylene	12.394	106	145782	56.358	ug/l	100
70) Styrene	12.412	104	260792	59.027	ug/l	99
71) Bromoform	12.576	173	73884	53.039	ug/l #	99
73) Isopropylbenzene	12.694	105	373293	48.987	ug/l	100
74) N-amyl acetate	12.494	43	119388	46.828	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	114711	44.496	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	155357	62.186	ug/l	73
77) Bromobenzene	12.976	156	100250	47.181	ug/l	97
78) n-propylbenzene	13.035	91	443917	51.446	ug/l	100
79) 2-Chlorotoluene	13.123	91	281383	49.095	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	340956	52.995	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	40484	42.843	ug/l	92
82) 4-Chlorotoluene	13.217	91	295029	50.057	ug/l	99
83) tert-Butylbenzene	13.435	119	265994	48.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	347644	53.574	ug/l	100
85) sec-Butylbenzene	13.617	105	372684	51.919	ug/l	99
86) p-Isopropyltoluene	13.729	119	322242	53.032	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	188702	49.269	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	184771	45.917	ug/l	99
89) n-Butylbenzene	14.053	91	244714	49.455	ug/l	99
90) Hexachloroethane	14.335	117	64371	45.911	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	181781	47.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24548	47.702	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	83568	43.652	ug/l	97
94) Hexachlorobutadiene	15.500	225	46500	41.866	ug/l	98
95) Naphthalene	15.641	128	249688	45.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	84562	46.550	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

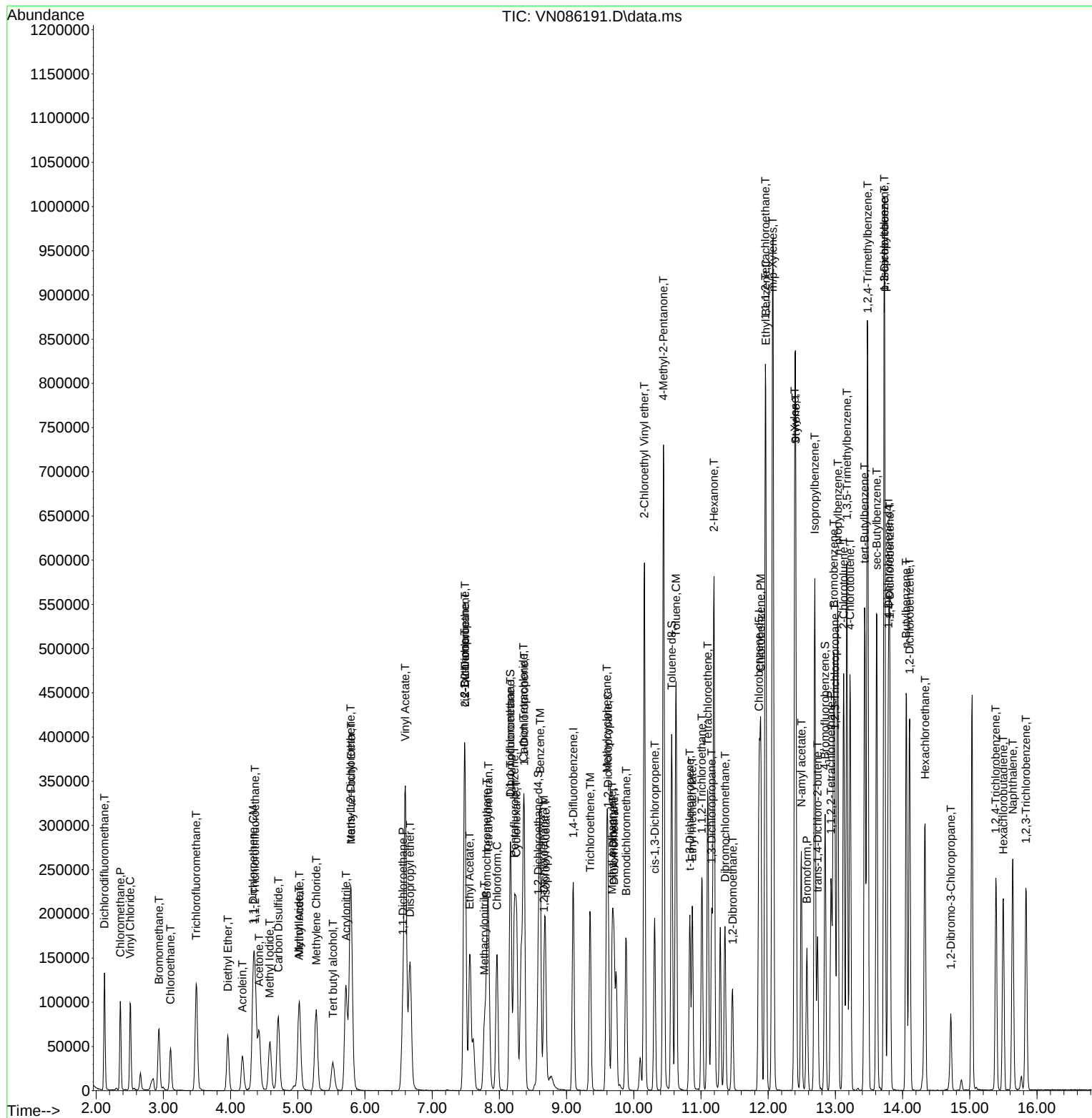
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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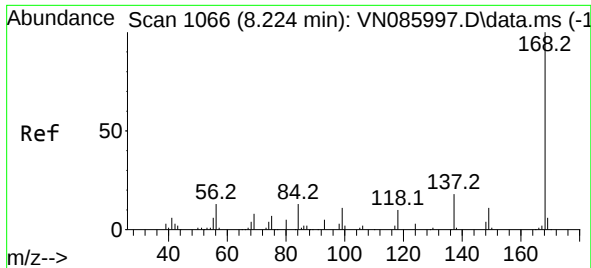
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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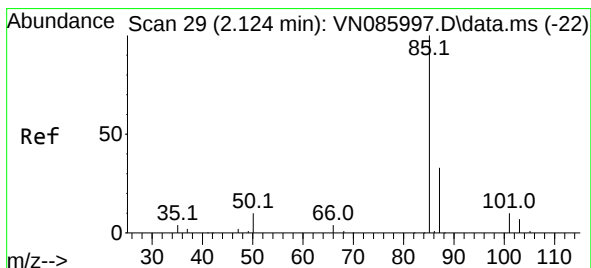
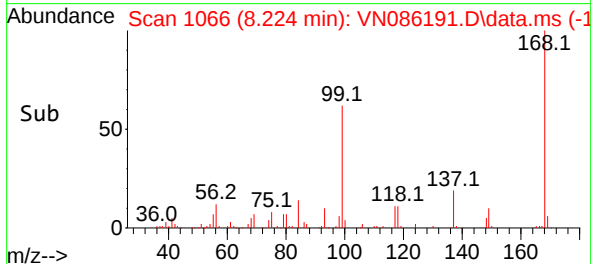
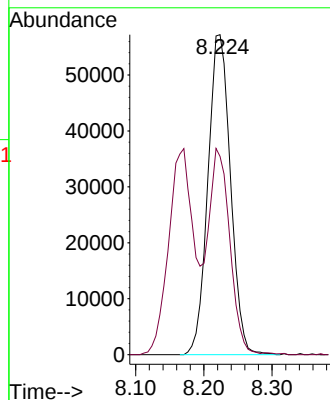
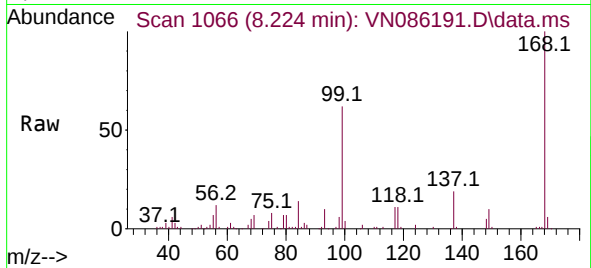




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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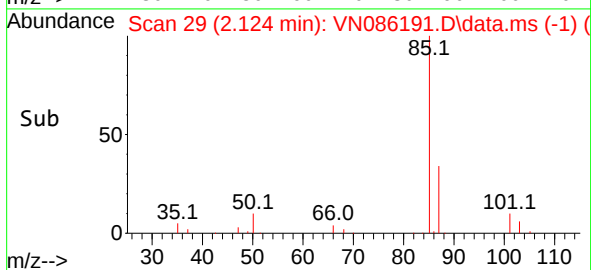
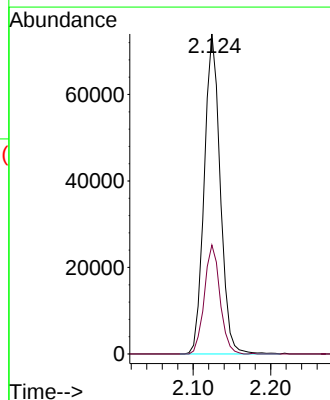
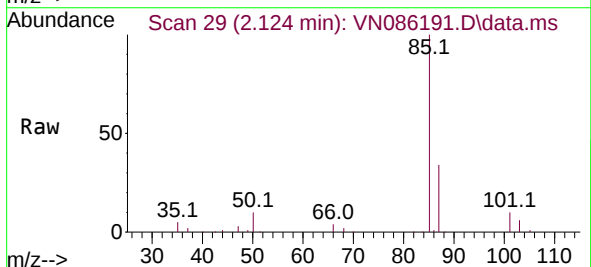
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

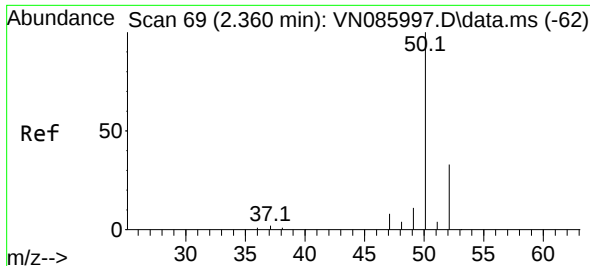
Tgt Ion:168 Resp: 131862
Ion Ratio Lower Upper
168 100
99 61.7 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 60.662 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 85 Resp: 105974
Ion Ratio Lower Upper
85 100
87 34.0 16.5 49.5

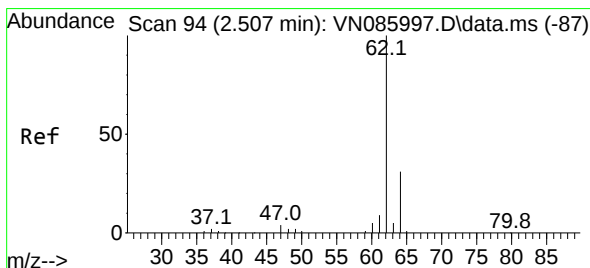
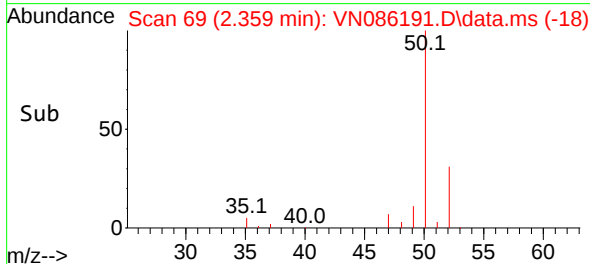
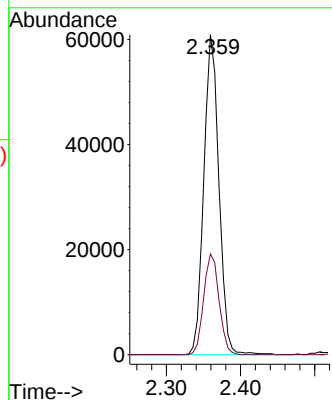
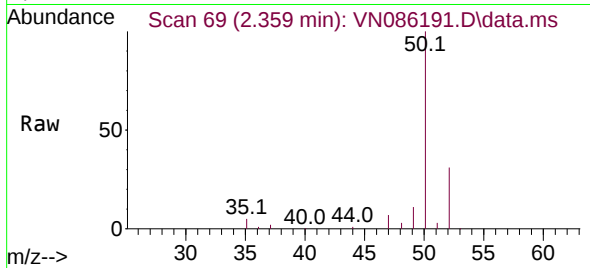




#3
Chloromethane
Concen: 56.350 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086191.D
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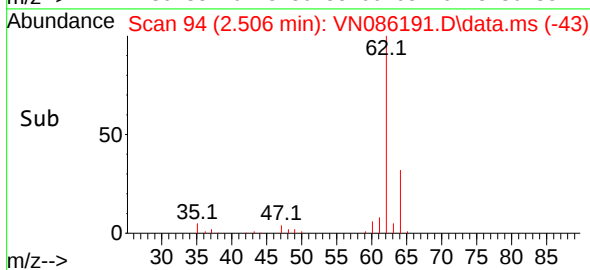
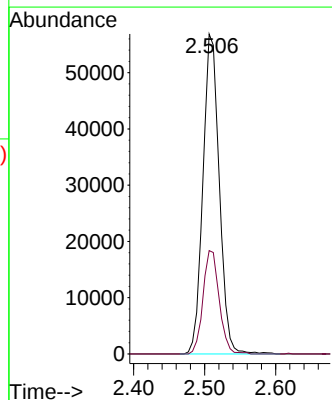
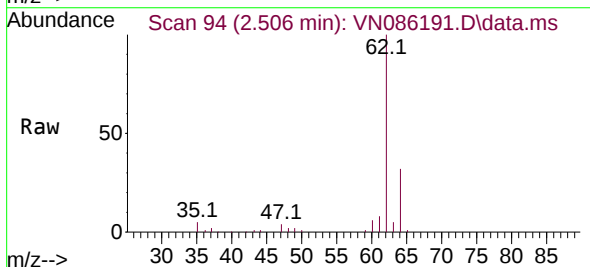
Instrument :
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ClientSampleId :
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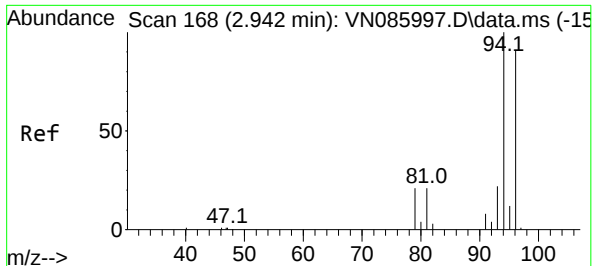
Tgt Ion: 50 Resp: 86301
Ion Ratio Lower Upper
50 100
52 31.5 26.0 39.0



#4
Vinyl Chloride
Concen: 58.261 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 62 Resp: 91233
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8

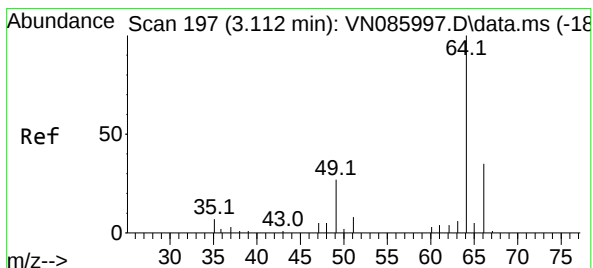
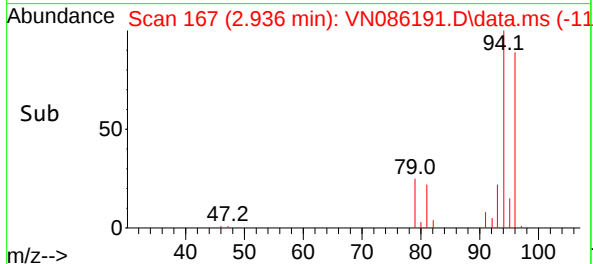
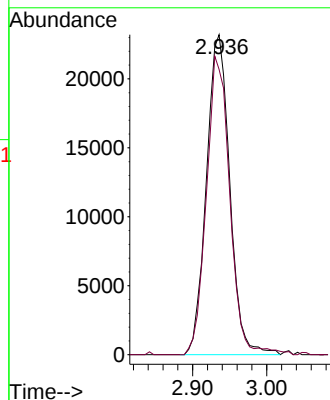
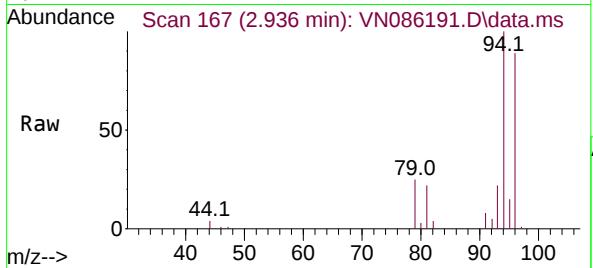




#5
Bromomethane
Concen: 47.678 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086191.D
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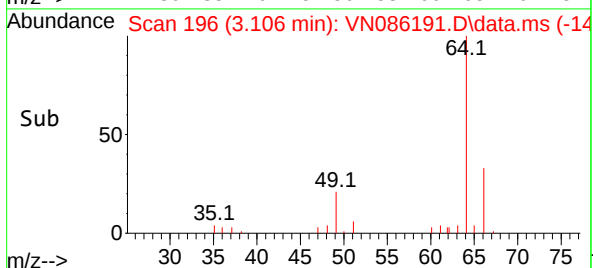
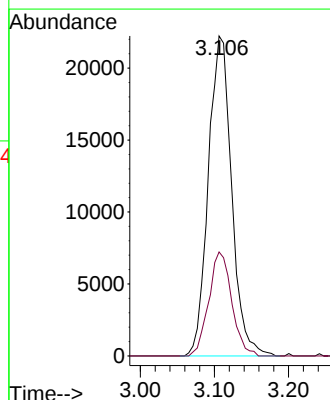
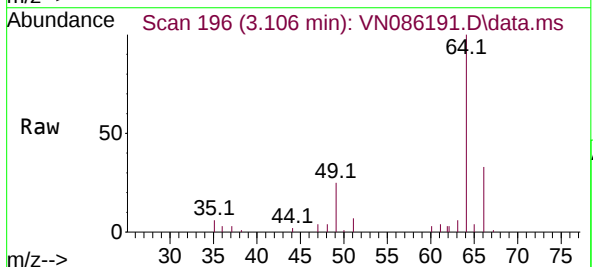
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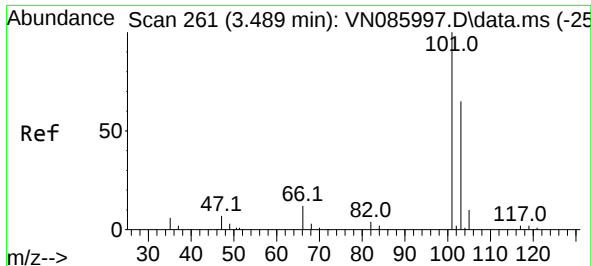
Tgt Ion: 94 Resp: 50856
Ion Ratio Lower Upper
94 100
96 89.1 72.8 109.2



#6
Chloroethane
Concen: 49.119 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN086191.D
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Tgt Ion: 64 Resp: 48523
Ion Ratio Lower Upper
64 100
66 32.5 28.3 42.5

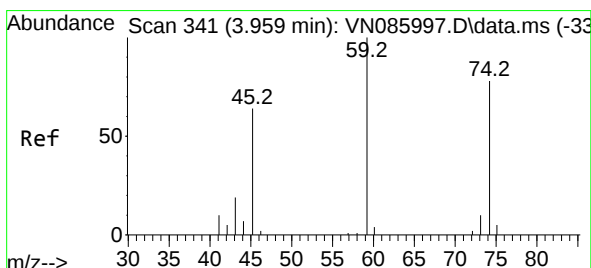
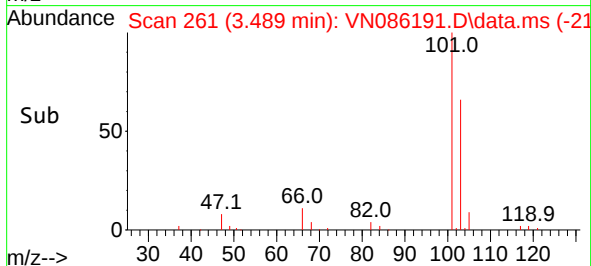
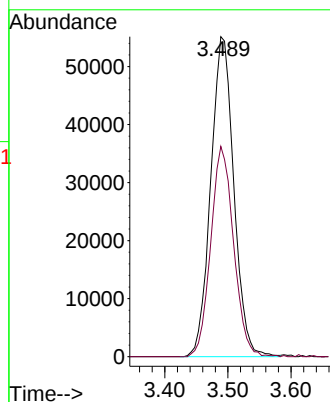
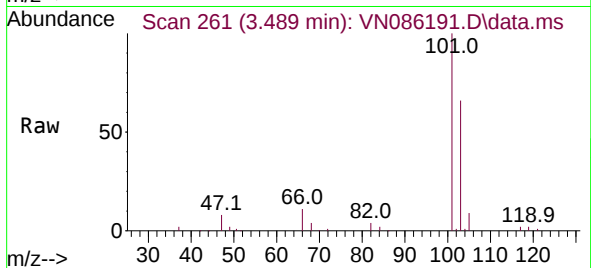




#7
 Trichlorofluoromethane
 Concen: 49.782 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VN086191.D
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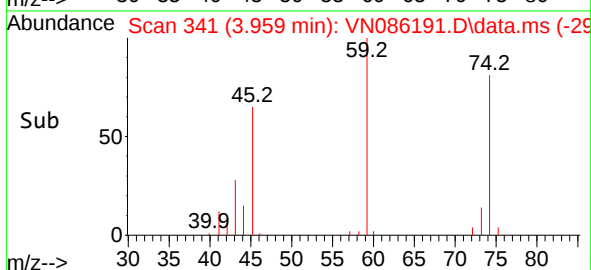
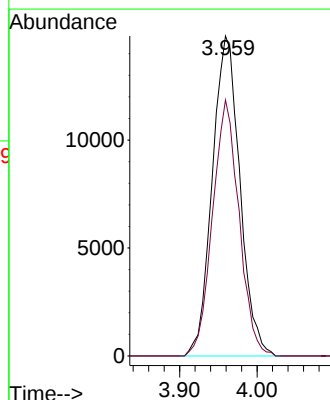
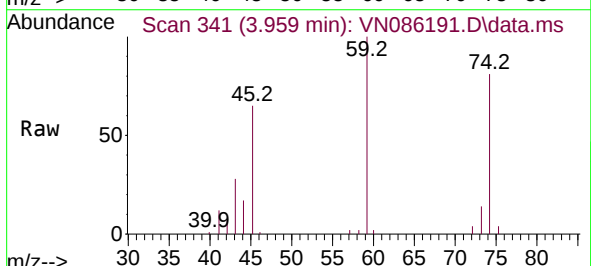
Instrument :
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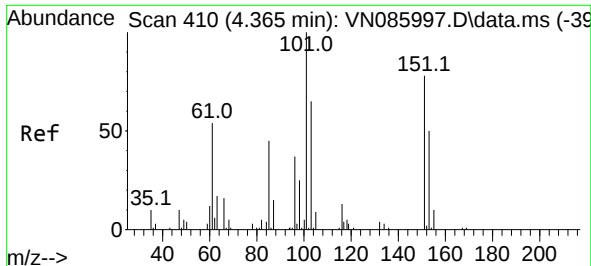
Tgt Ion:101 Resp: 140135
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.7 77.5



#8
 Diethyl Ether
 Concen: 42.596 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 36707
 Ion Ratio Lower Upper
 74 100
 45 76.7 38.0 113.9

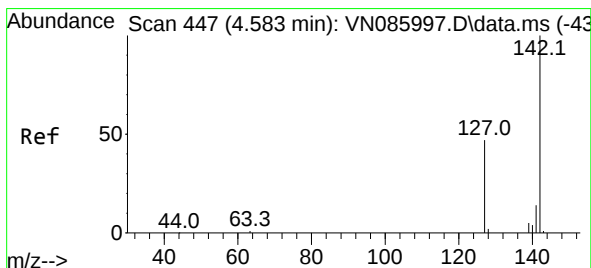
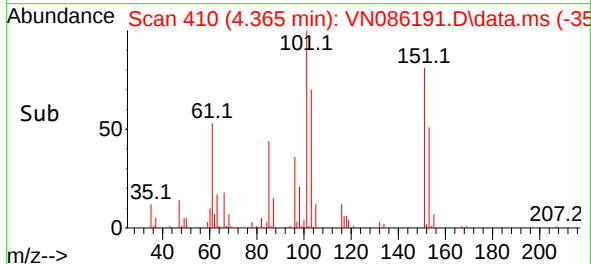
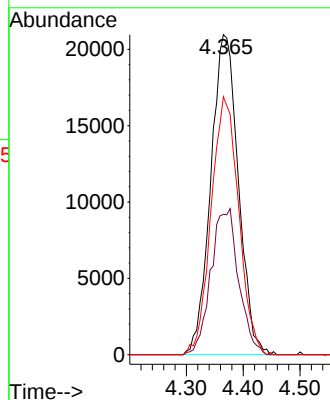
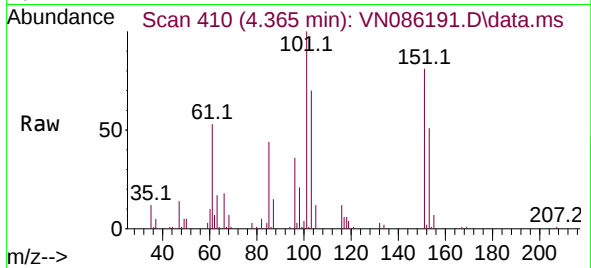




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.277 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

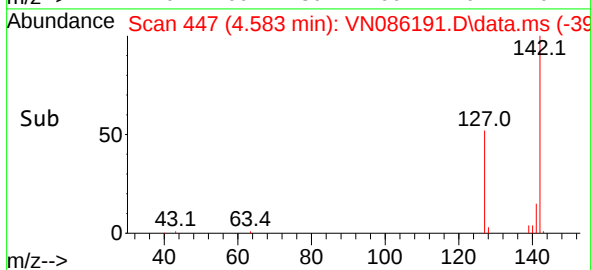
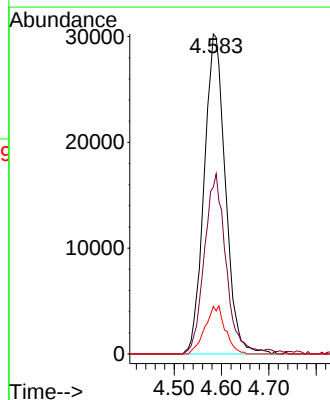
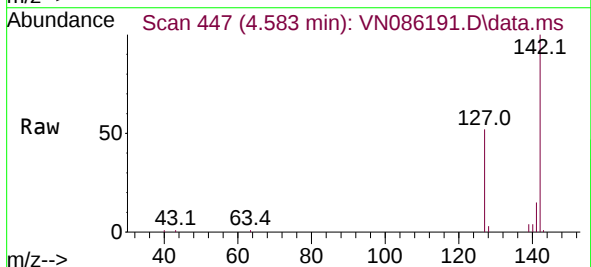
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

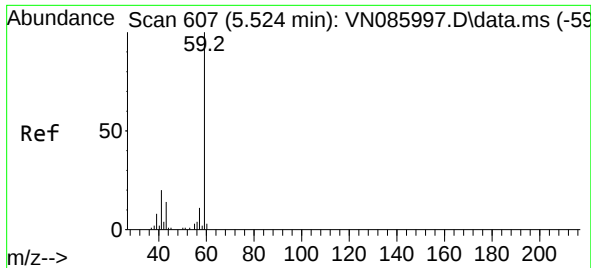
Tgt Ion:101 Resp: 70730
Ion Ratio Lower Upper
101 100
85 45.8 36.5 54.7
151 80.4 63.4 95.0



#10
Methyl Iodide
Concen: 48.417 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion:142 Resp: 94384
Ion Ratio Lower Upper
142 100
127 52.1 37.5 56.3
141 14.9 11.0 16.6

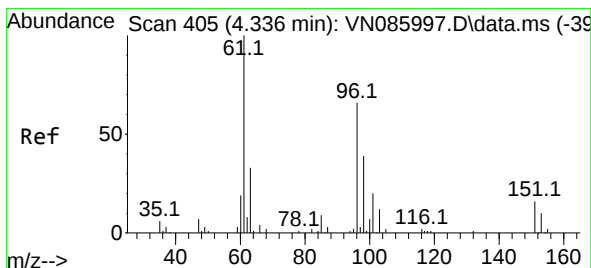
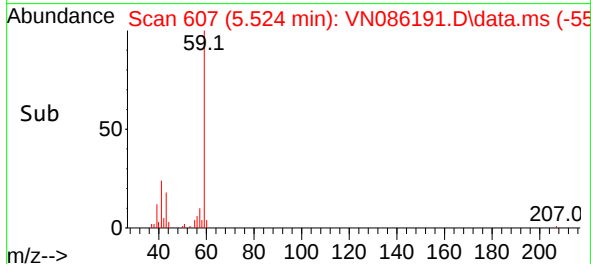
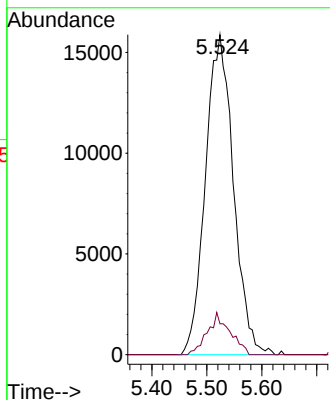
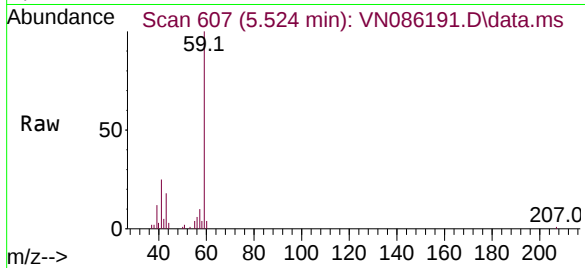




#11
Tert butyl alcohol
Concen: 219.694 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

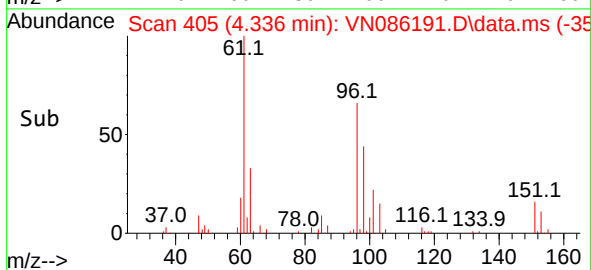
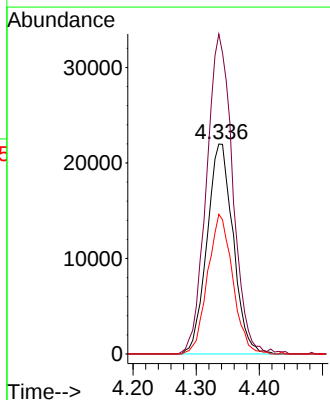
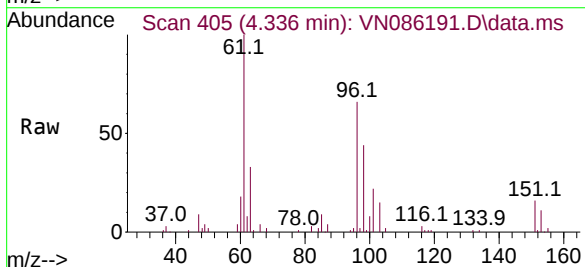
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

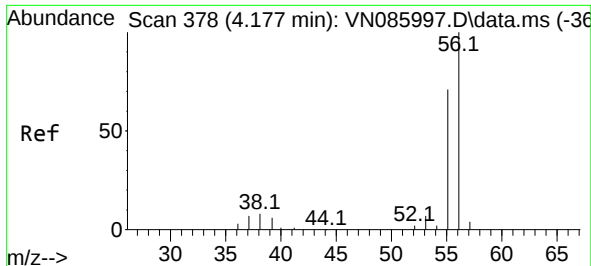
Tgt Ion: 59 Resp: 56164
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9



#12
1,1-Dichloroethene
Concen: 46.789 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 96 Resp: 63208
Ion Ratio Lower Upper
96 100
61 152.4 120.5 180.7
98 66.5 47.4 71.0





#13

Acrolein

Concen: 182.699 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

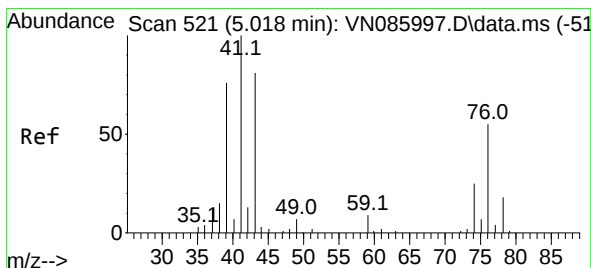
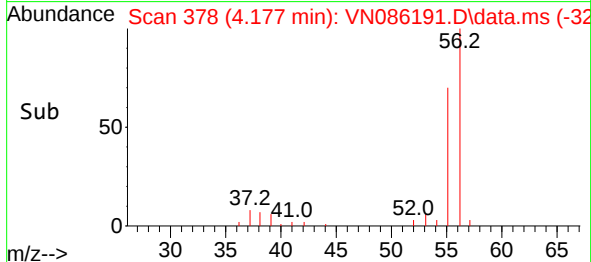
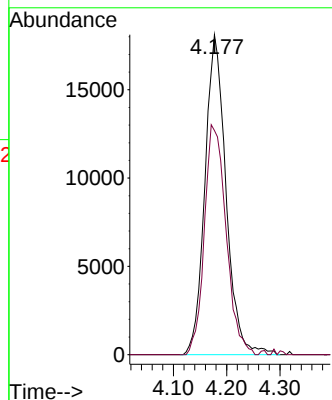
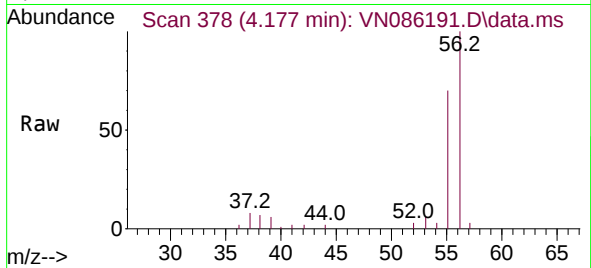
VSTDCCC050

Tgt Ion: 56 Resp: 49816

Ion Ratio Lower Upper

56 100

55 74.0 55.1 82.7



#14

Allyl chloride

Concen: 40.294 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

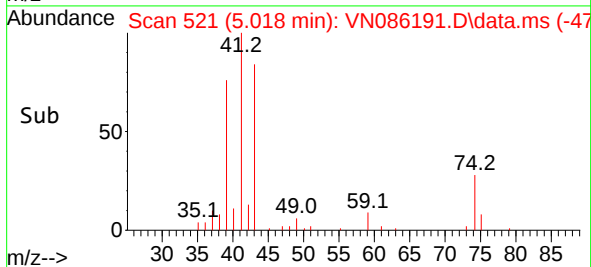
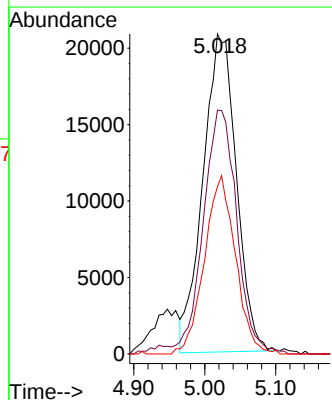
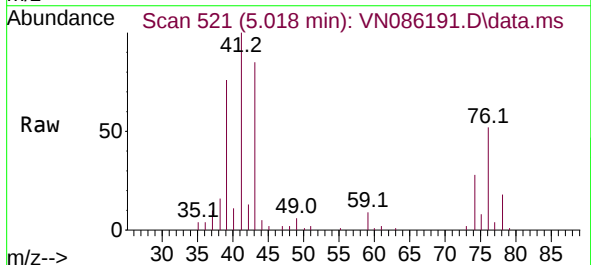
Tgt Ion: 41 Resp: 67909

Ion Ratio Lower Upper

41 100

39 76.9 55.5 83.3

76 52.2 39.1 58.7

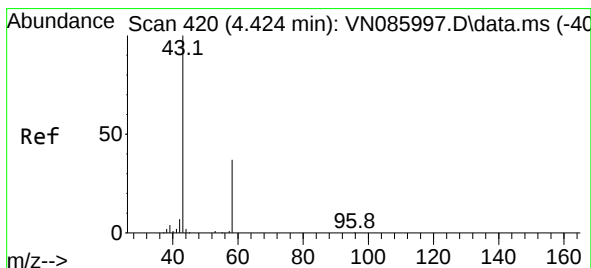
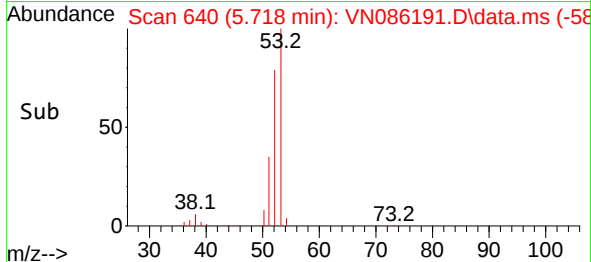
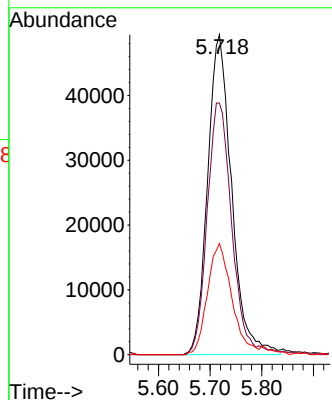
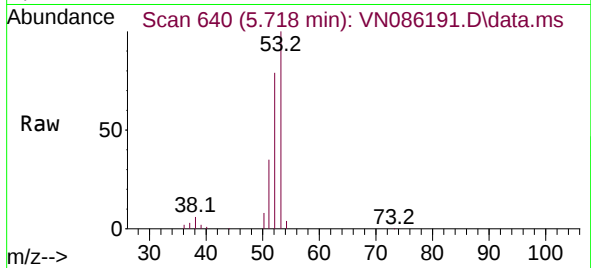




#15
Acrylonitrile
Concen: 235.861 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

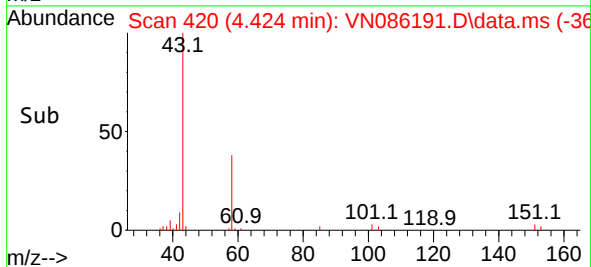
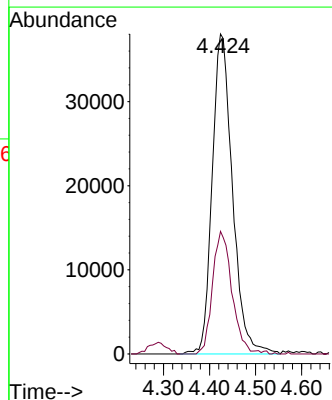
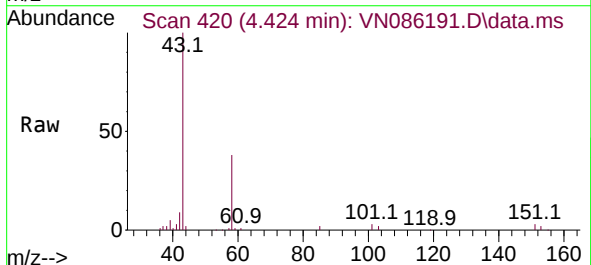
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

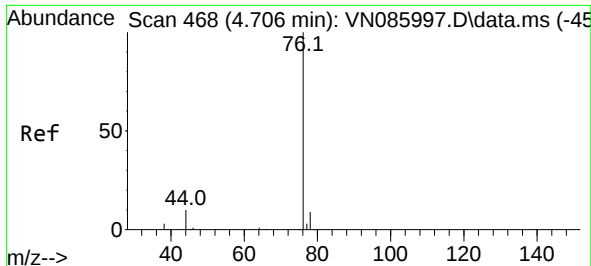
Tgt Ion: 53 Resp: 159244
Ion Ratio Lower Upper
53 100
52 81.0 63.9 95.9
51 35.2 27.1 40.7



#16
Acetone
Concen: 210.819 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 43 Resp: 116296
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.2

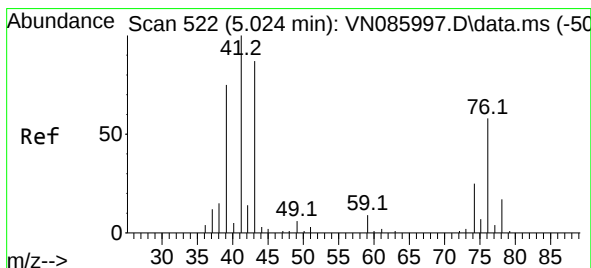
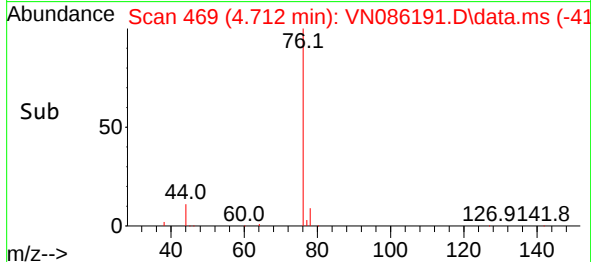
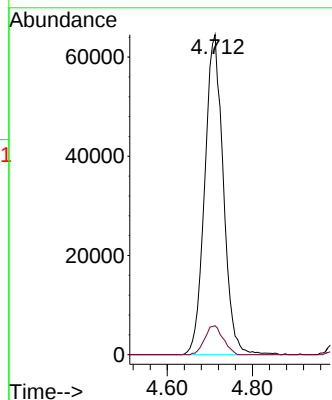
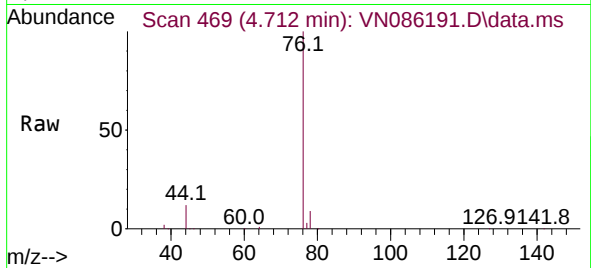




#17
Carbon Disulfide
Concen: 43.857 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

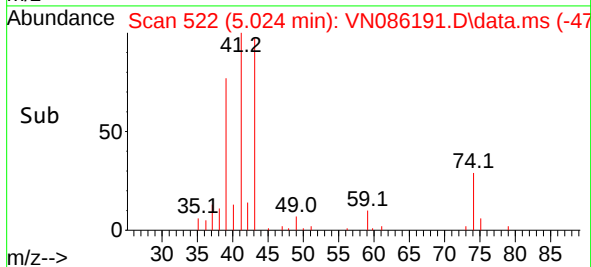
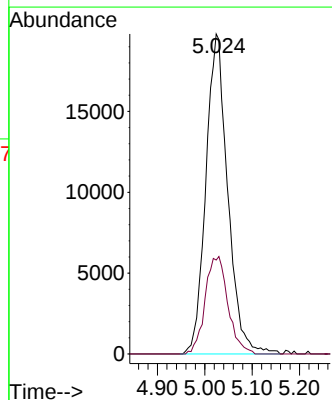
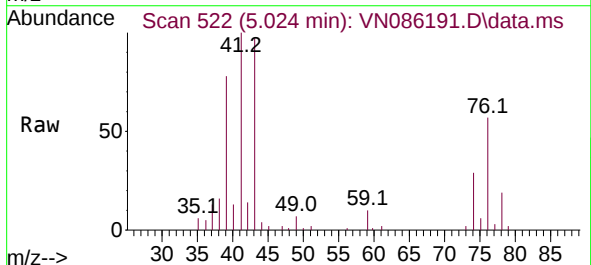
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

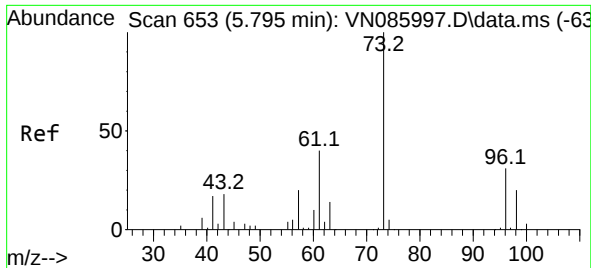
Tgt Ion: 76 Resp: 194846
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 46.530 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 43 Resp: 63507
Ion Ratio Lower Upper
43 100
74 31.8 23.9 35.9

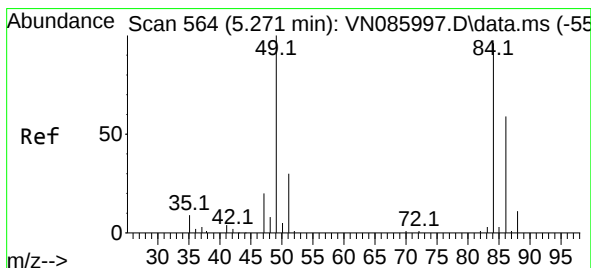
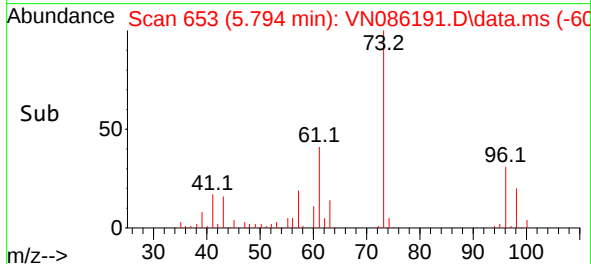
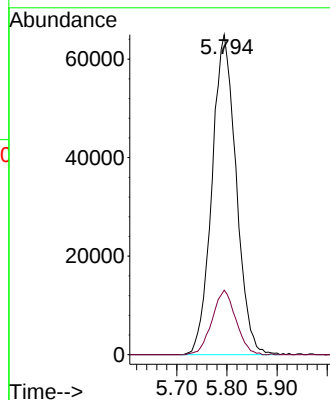
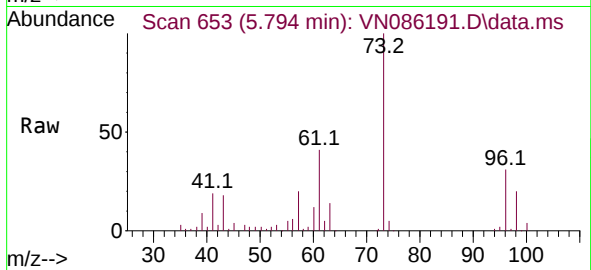




#19
Methyl tert-butyl Ether
Concen: 49.233 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

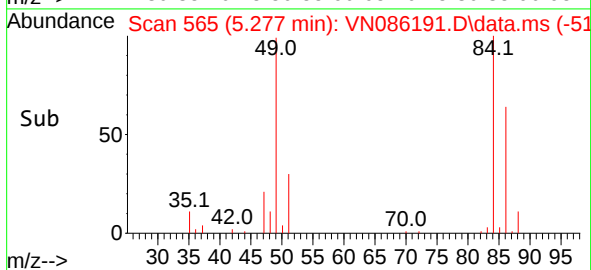
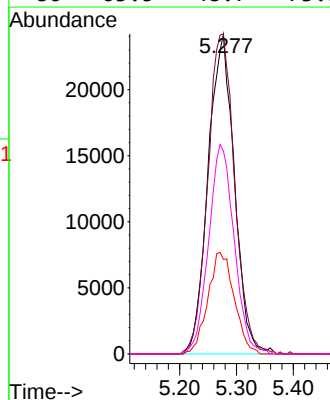
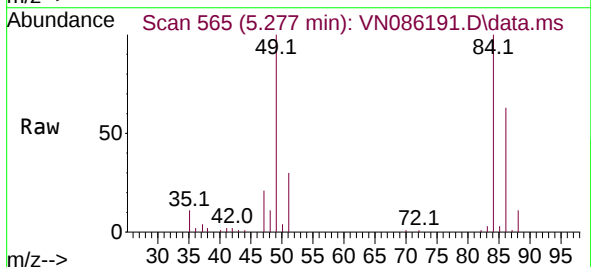
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

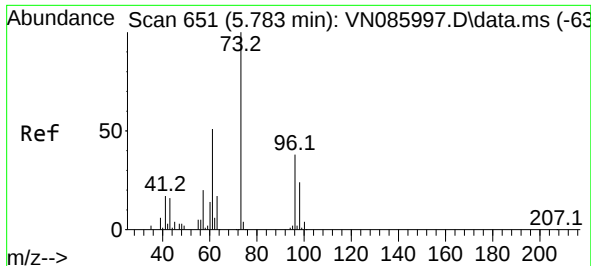
Tgt Ion: 73 Resp: 217945
Ion Ratio Lower Upper
73 100
57 20.2 16.1 24.1



#20
Methylene Chloride
Concen: 48.030 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 84 Resp: 77510
Ion Ratio Lower Upper
84 100
49 100.1 83.3 124.9
51 29.6 24.8 37.2
86 63.5 48.7 73.1

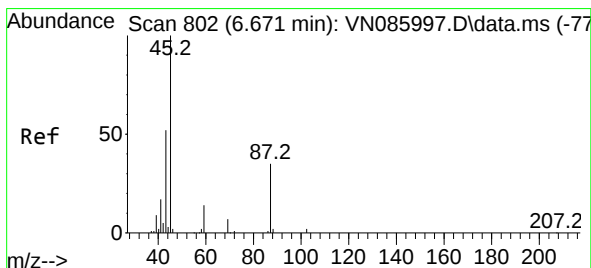
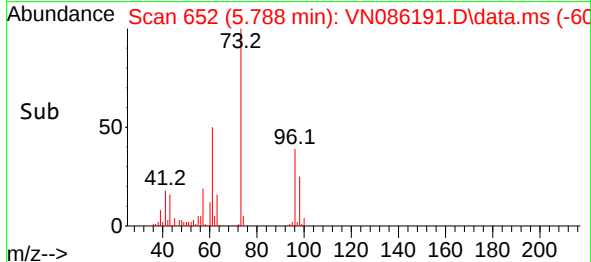
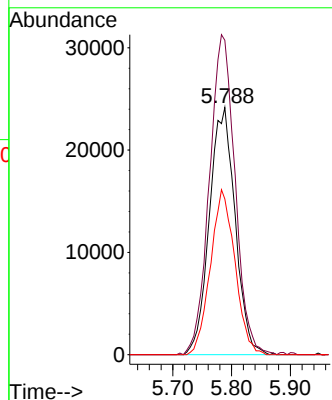
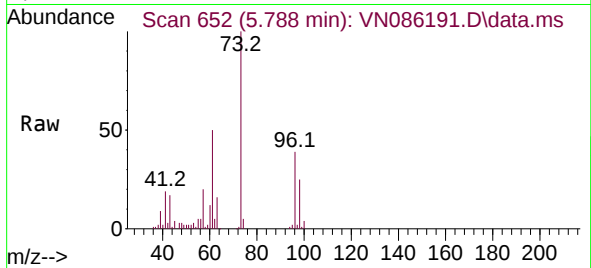




#21
trans-1,2-Dichloroethene
Concen: 49.791 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

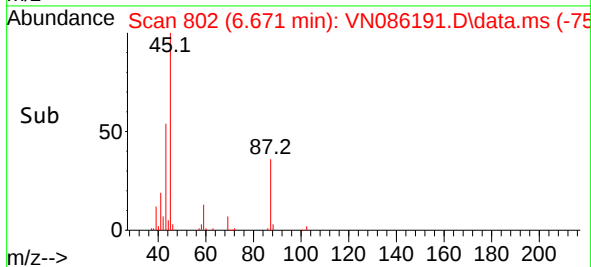
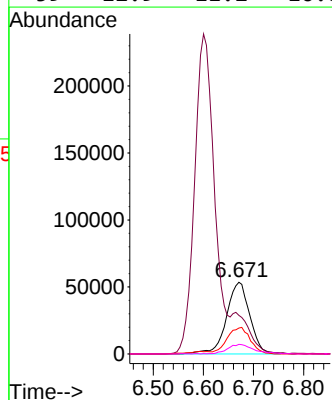
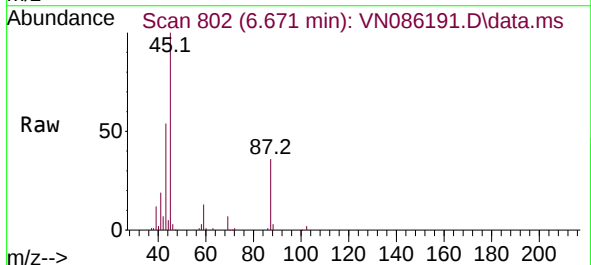
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

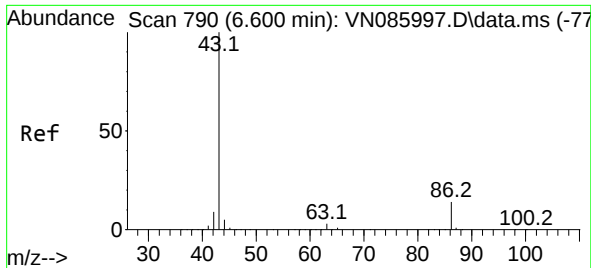
Tgt Ion: 96 Resp: 73509
Ion Ratio Lower Upper
96 100
61 126.5 106.6 160.0
98 63.0 50.0 75.0



#22
Diisopropyl ether
Concen: 47.921 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 45 Resp: 172108
Ion Ratio Lower Upper
45 100
43 52.4 41.2 61.8
87 36.2 28.5 42.7
59 12.9 11.2 16.8

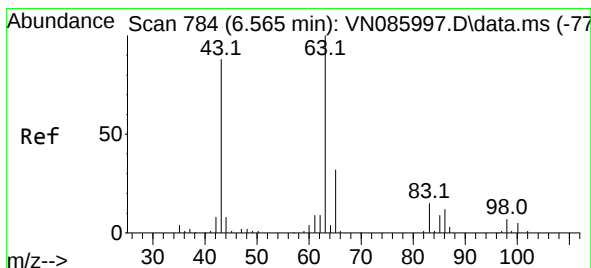
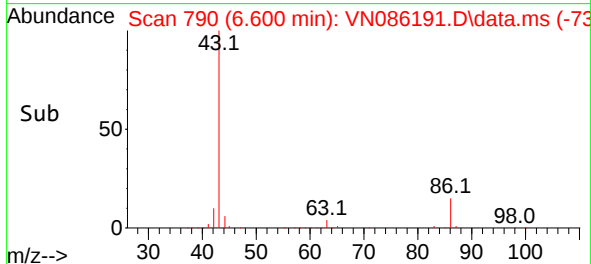
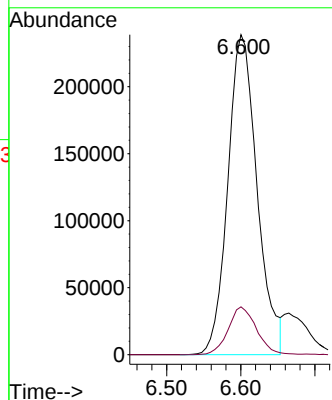
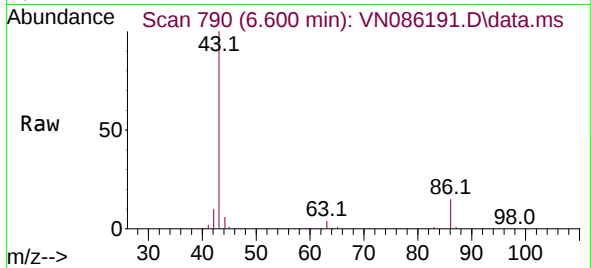




#23
 Vinyl Acetate
 Concen: 241.172 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

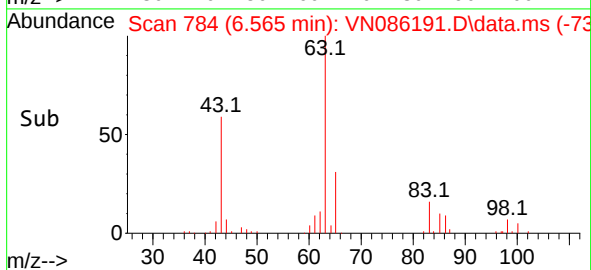
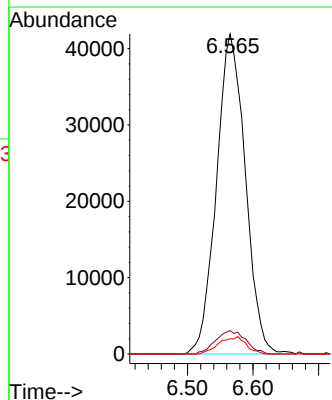
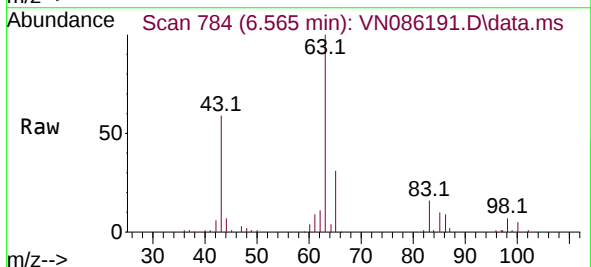
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 656603
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 48.404 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

Tgt Ion: 63 Resp: 127834
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.8 2.5 7.5

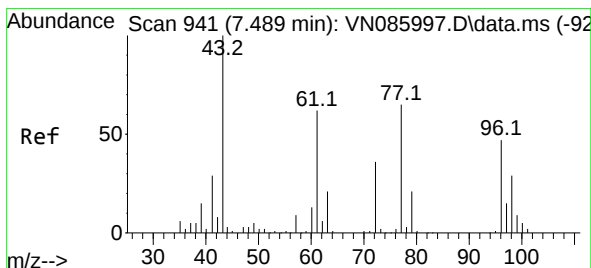
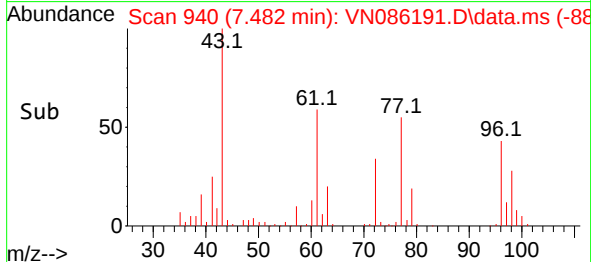
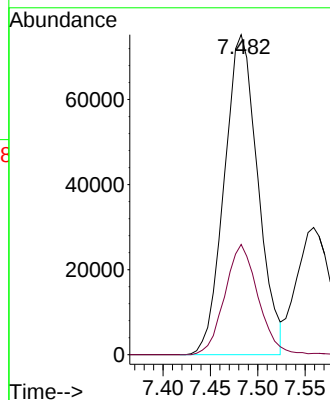
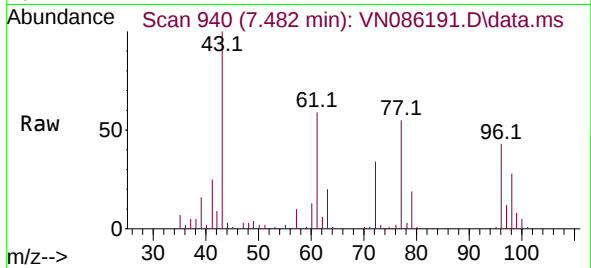




#25
2-Butanone
Concen: 233.461 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

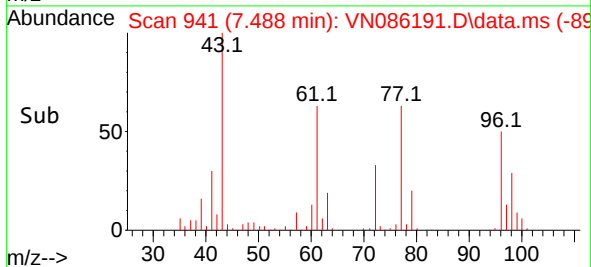
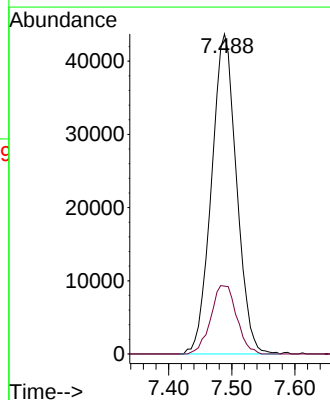
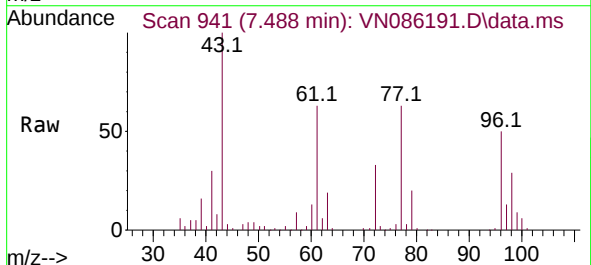
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 185831
Ion Ratio Lower Upper
43 100
72 34.5 27.4 41.0



#26
2,2-Dichloropropane
Concen: 47.344 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 77 Resp: 120377
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.5

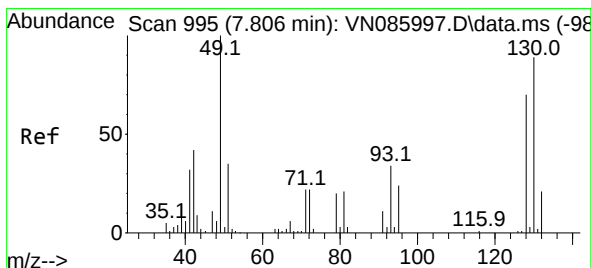
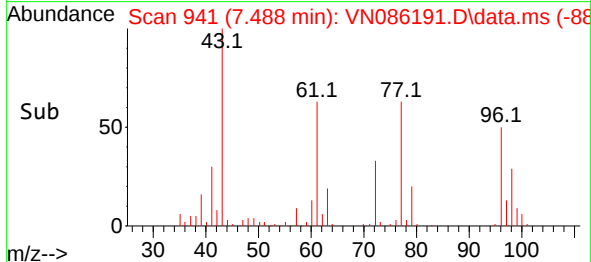
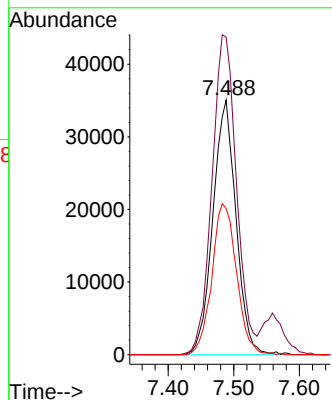
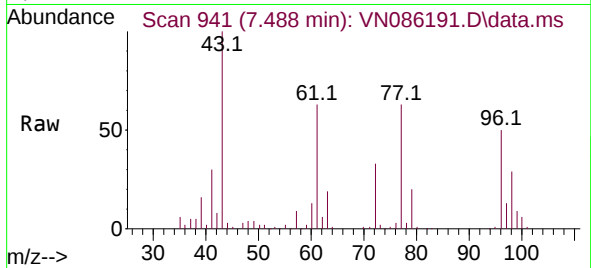




#27
 cis-1,2-Dichloroethene
 Concen: 51.224 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

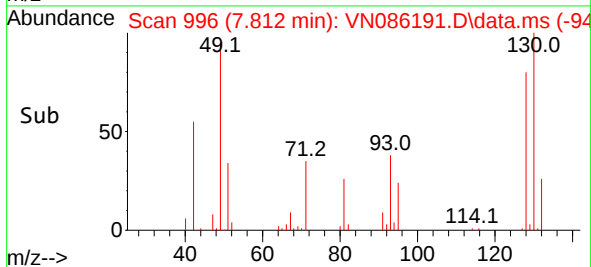
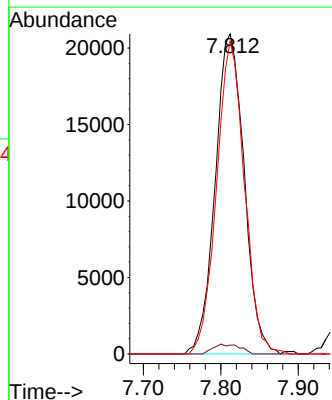
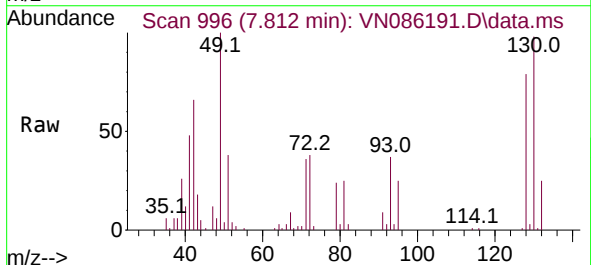
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

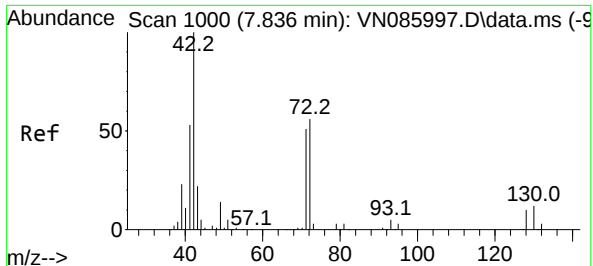
Tgt Ion: 96 Resp: 85938
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 272.8
 98 63.2 0.0 124.8



#28
 Bromochloromethane
 Concen: 48.515 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

Tgt Ion: 49 Resp: 54285
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.2
 130 93.9 74.2 111.4





#29

Tetrahydrofuran

Concen: 253.767 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

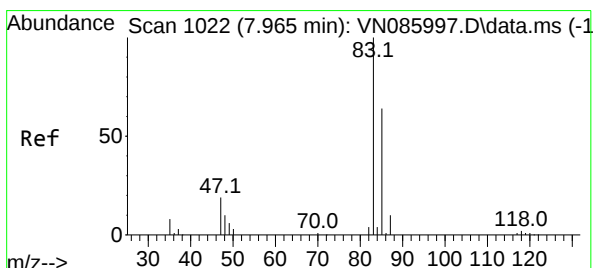
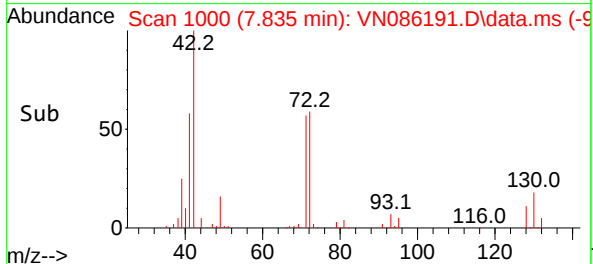
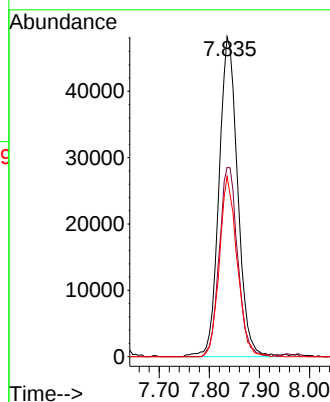
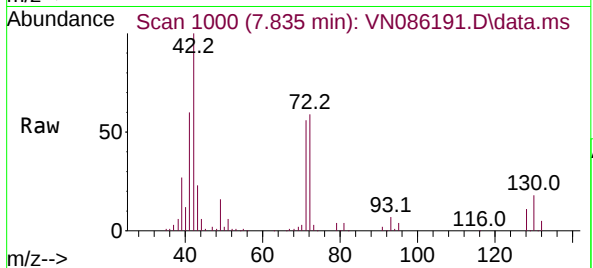
Tgt Ion: 42 Resp: 124704

Ion Ratio Lower Upper

42 100

72 58.6 45.0 67.4

71 53.4 41.9 62.9



#30

Chloroform

Concen: 51.821 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086191.D

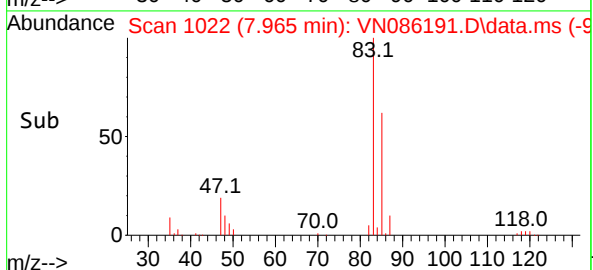
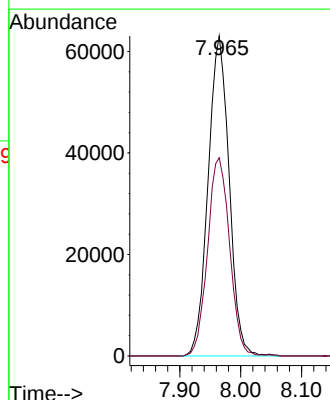
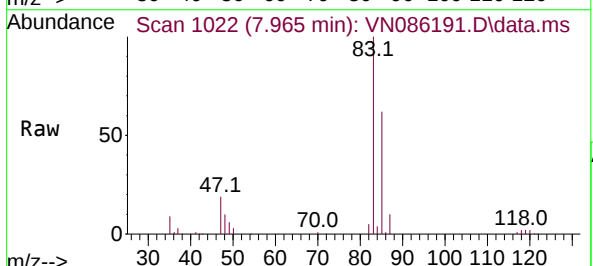
Acq: 01 Apr 2025 12:30

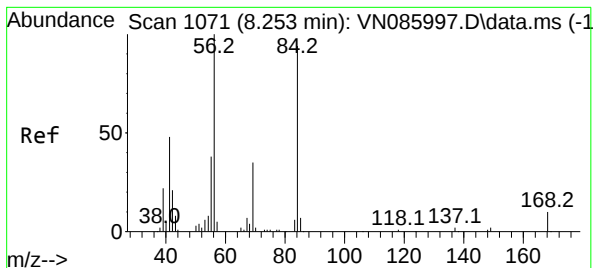
Tgt Ion: 83 Resp: 151272

Ion Ratio Lower Upper

83 100

85 61.9 51.5 77.3





#31

Cyclohexane

Concen: 46.757 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

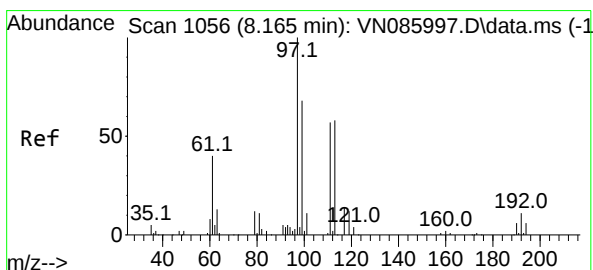
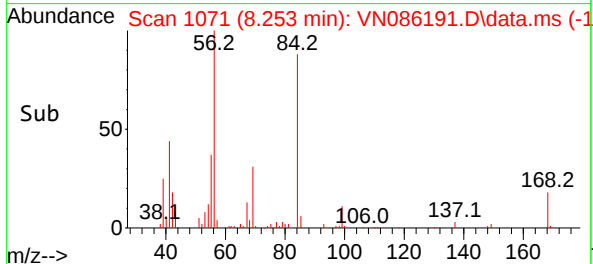
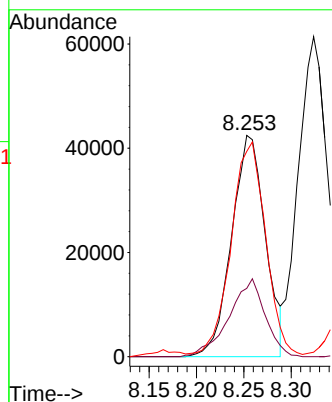
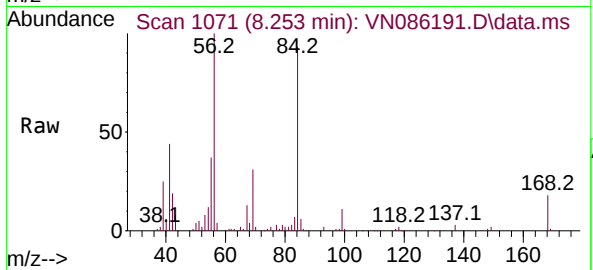
Tgt Ion: 56 Resp: 105197

Ion Ratio Lower Upper

56 100

69 30.9 28.0 42.0

84 90.8 75.0 112.6



#32

1,1,1-Trichloroethane

Concen: 52.943 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

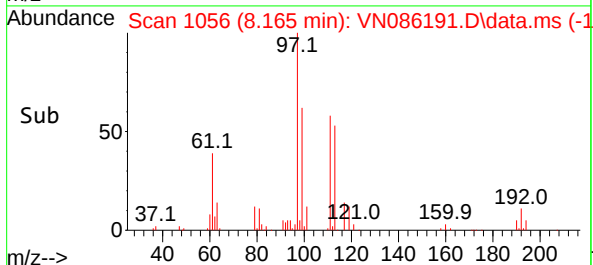
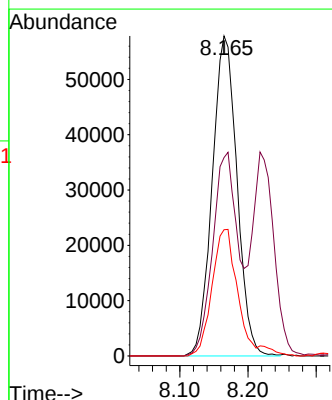
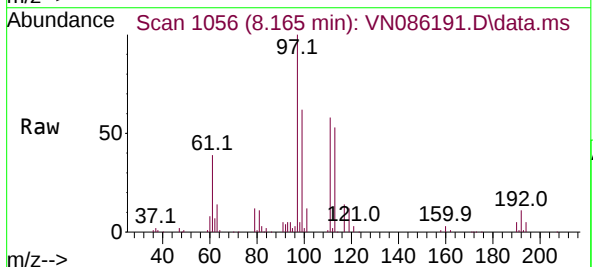
Tgt Ion: 97 Resp: 146295

Ion Ratio Lower Upper

97 100

99 63.6 52.8 79.2

61 41.8 33.6 50.4

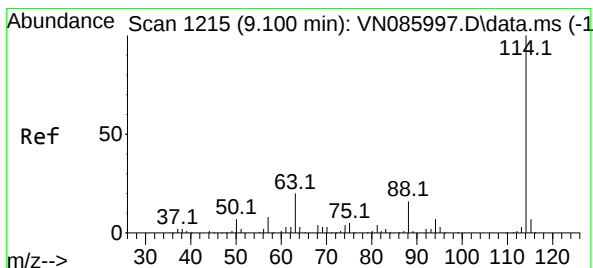
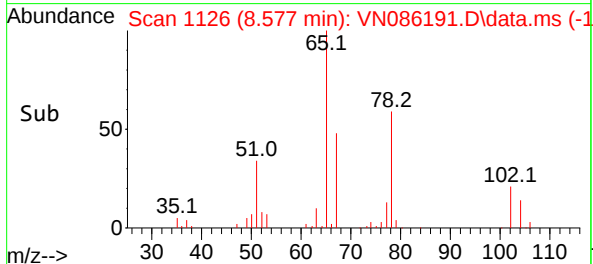
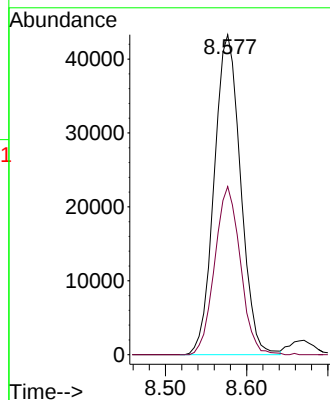
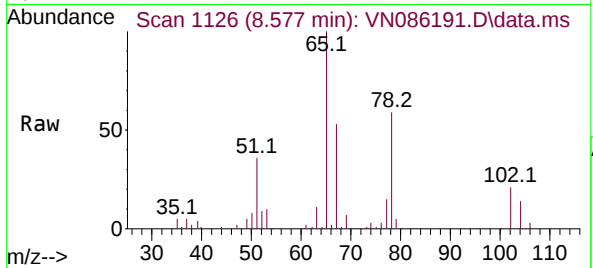




#33
 1,2-Dichloroethane-d4
 Concen: 54.185 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

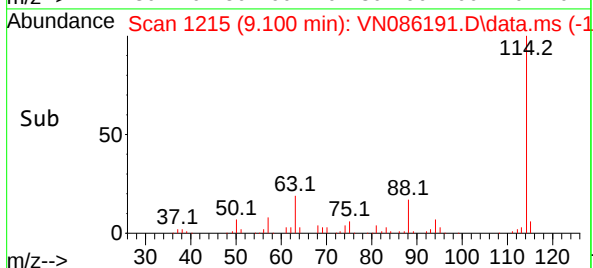
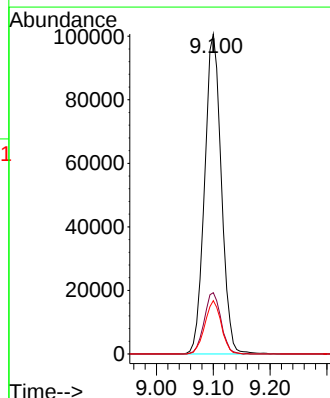
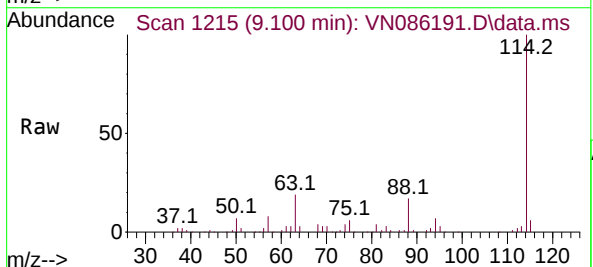
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

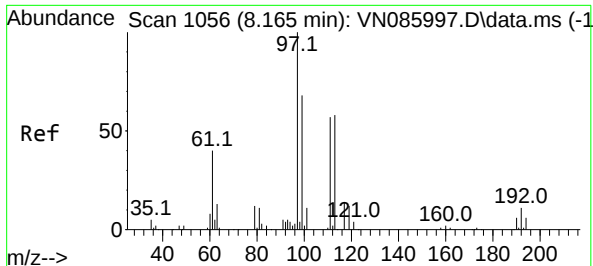
Tgt Ion: 65 Resp: 97838
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

Tgt Ion: 114 Resp: 204993
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.964 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

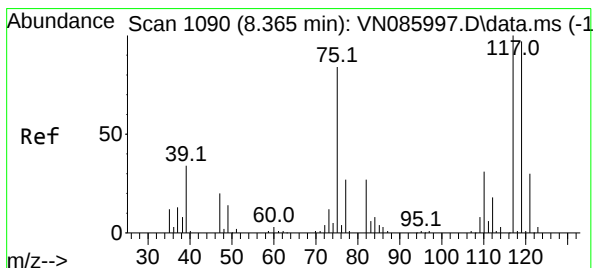
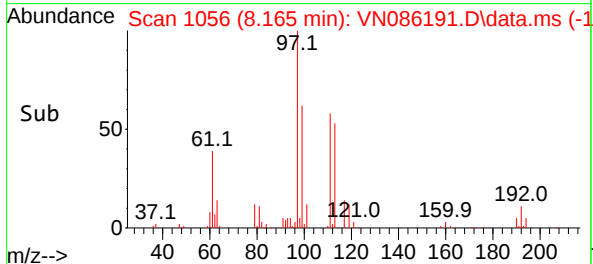
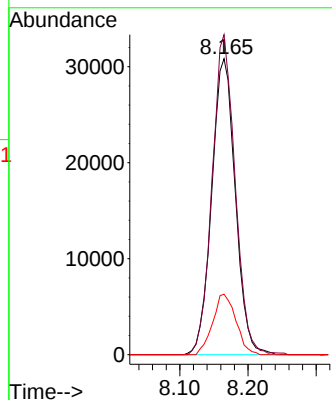
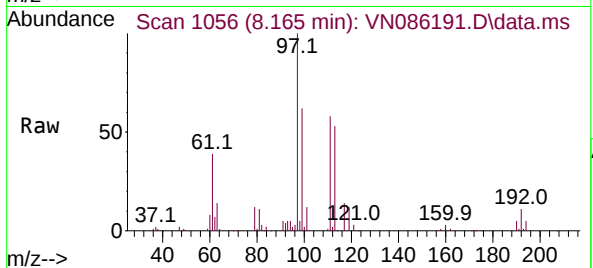
Tgt Ion:113 Resp: 74351

Ion Ratio Lower Upper

113 100

111 105.3 81.8 122.8

192 20.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 53.617 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

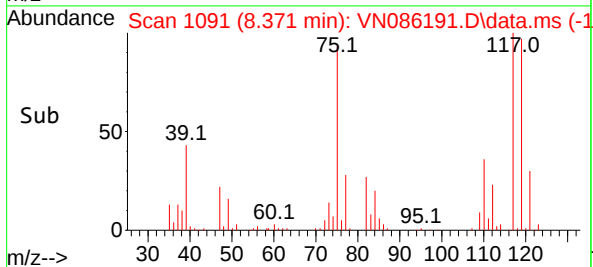
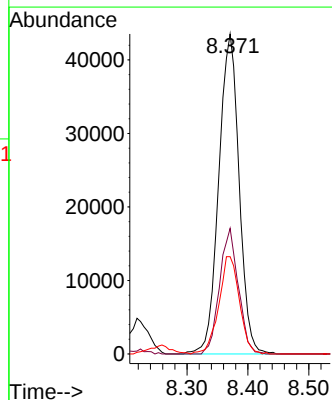
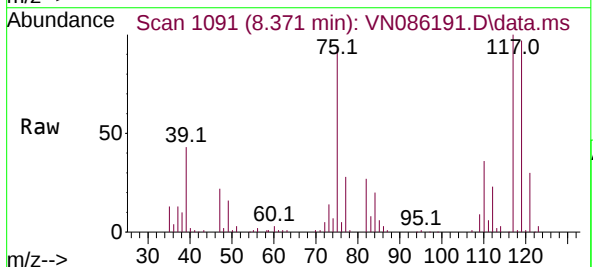
Tgt Ion: 75 Resp: 101016

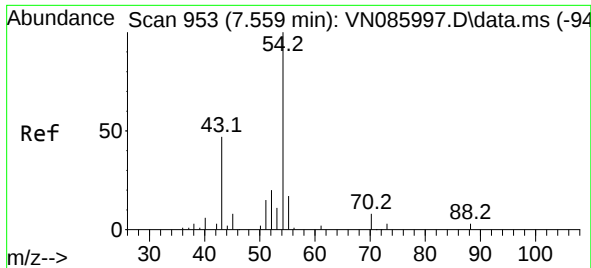
Ion Ratio Lower Upper

75 100

110 36.2 17.8 53.3

77 30.8 25.0 37.4

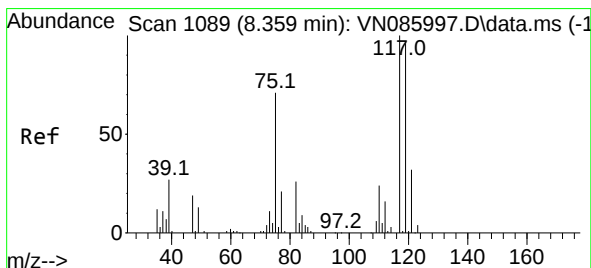
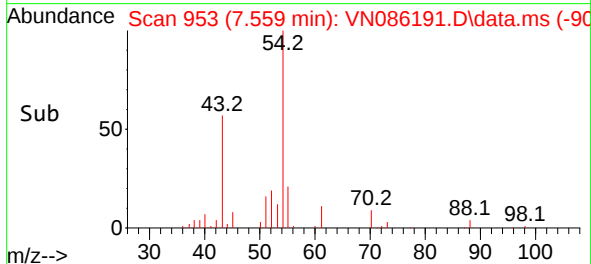
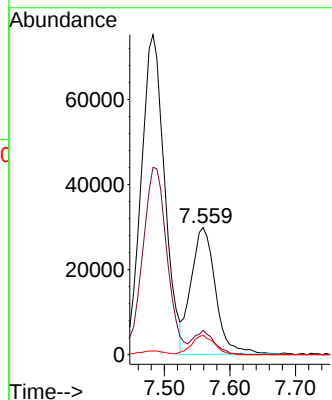
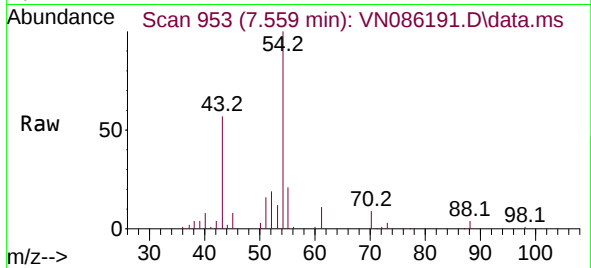




#37
Ethyl Acetate
Concen: 48.680 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

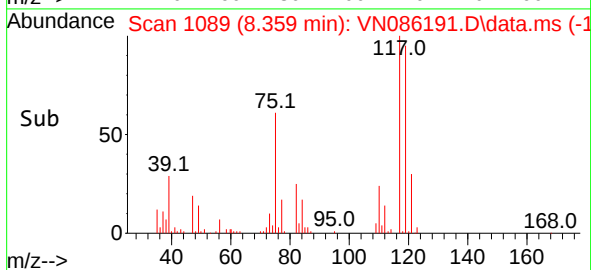
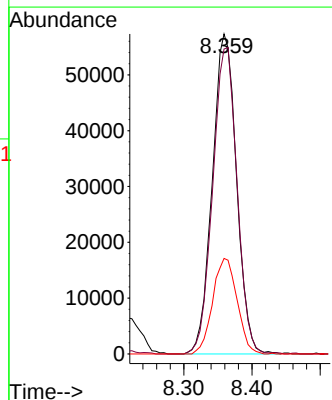
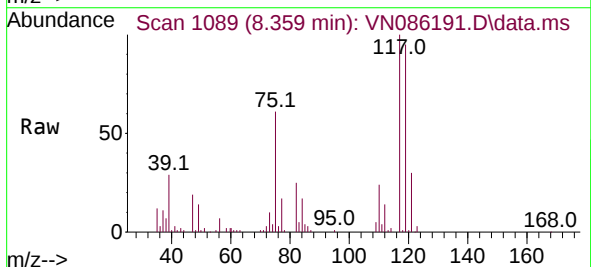
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

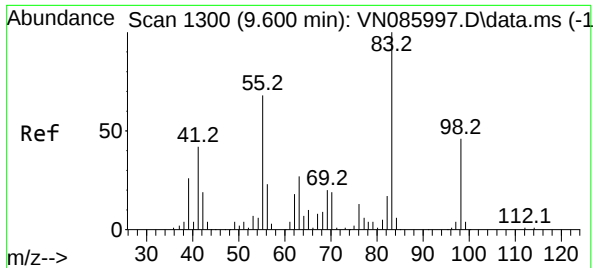
Tgt Ion: 43 Resp: 77375
Ion Ratio Lower Upper
43 100
61 16.2 13.0 19.4
70 14.2 11.0 16.6



#38
Carbon Tetrachloride
Concen: 57.173 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 117 Resp: 141628
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.4
121 29.8 25.6 38.4

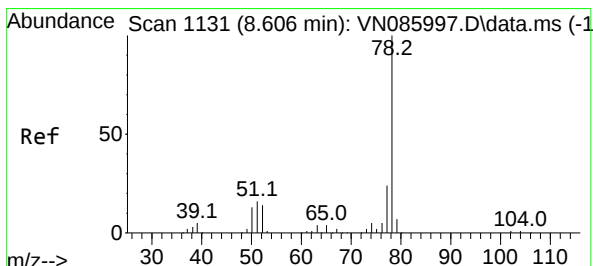
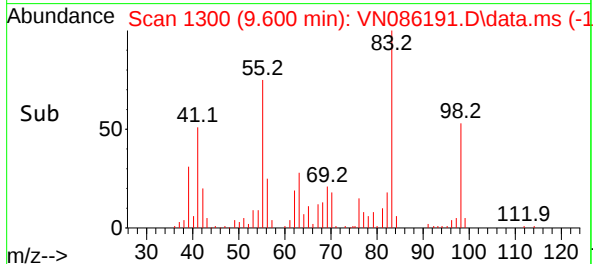
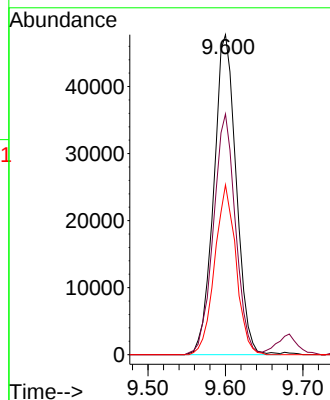
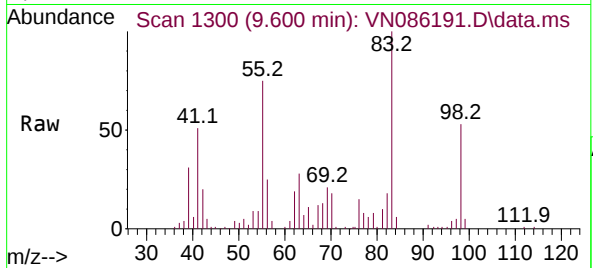




#39
Methylcyclohexane
Concen: 51.425 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

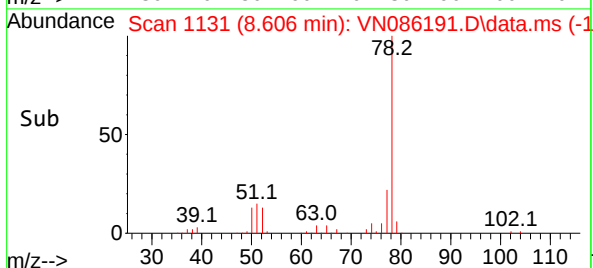
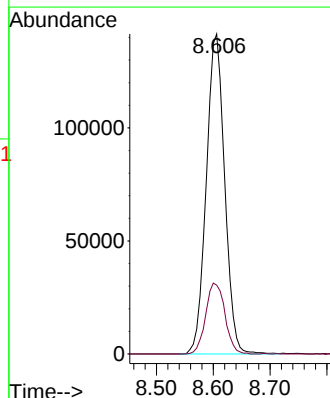
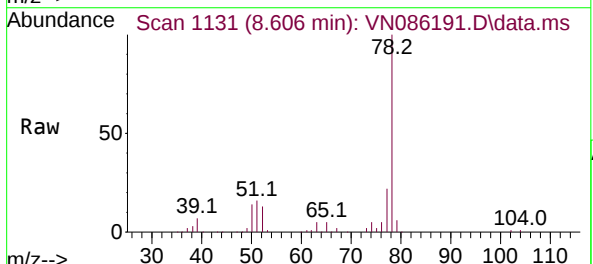
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 96125
Ion Ratio Lower Upper
83 100
55 75.2 54.2 81.2
98 53.1 37.1 55.7



#40
Benzene
Concen: 53.684 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 78 Resp: 317513
Ion Ratio Lower Upper
78 100
77 21.5 18.9 28.3

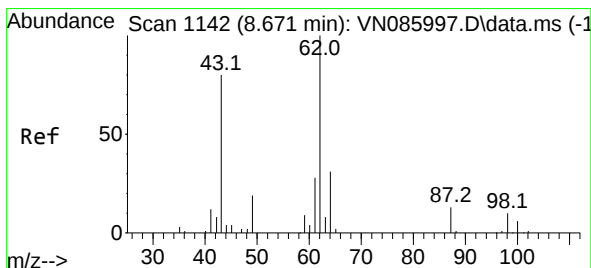
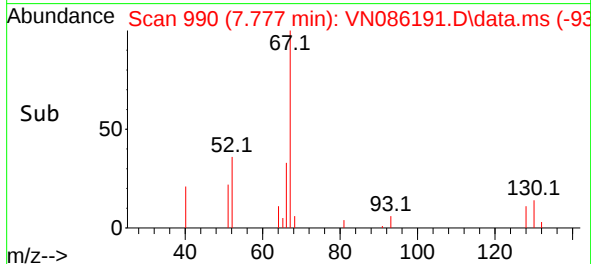
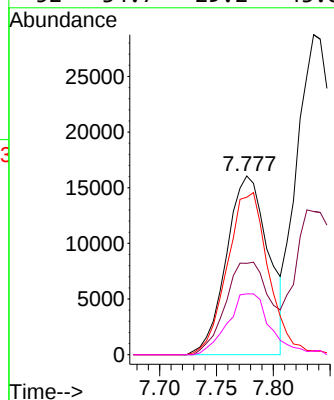
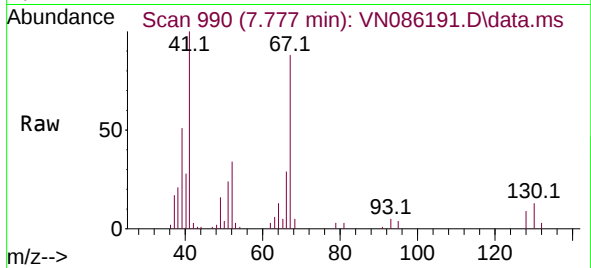




#41
Methacrylonitrile
Concen: 54.310 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

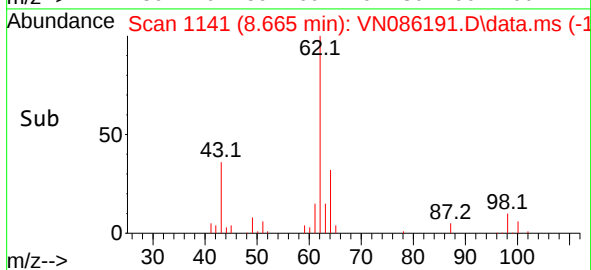
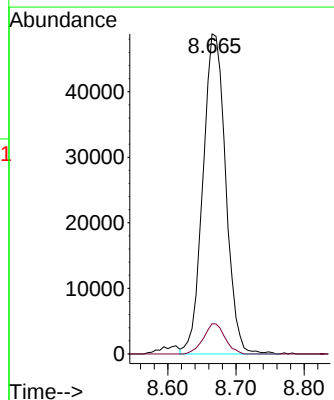
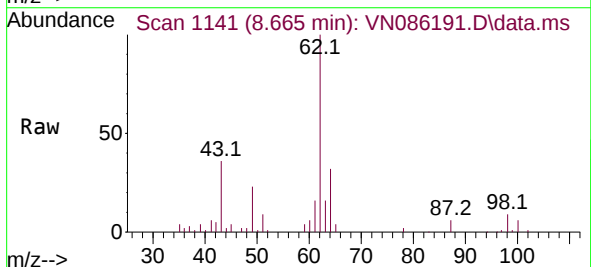
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	41220
Ion	Ratio	Lower	Upper
41	100		
39	55.1	46.2	69.2
67	89.9	75.9	113.9
52	34.7	29.2	43.8



#42
1,2-Dichloroethane
Concen: 55.093 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion:	62	Resp:	113538
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6





#43

Isopropyl Acetate

Concen: 39.330 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

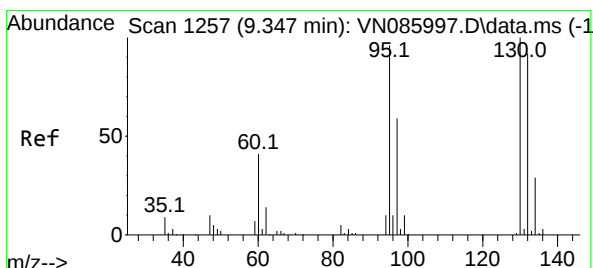
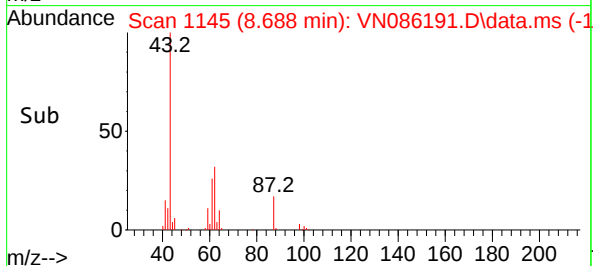
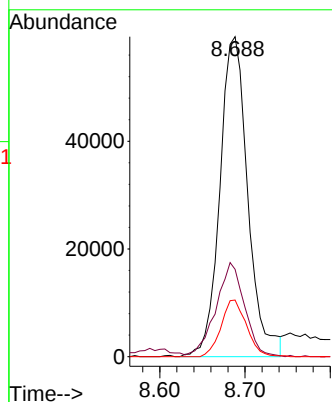
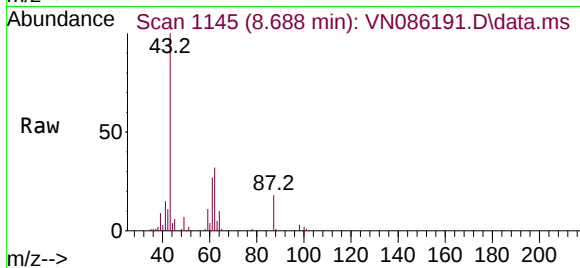
Tgt Ion: 43 Resp: 135463

Ion Ratio Lower Upper

43 100

61 30.2 25.0 37.6

87 16.2 13.0 19.4



#44

Trichloroethene

Concen: 49.095 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN086191.D

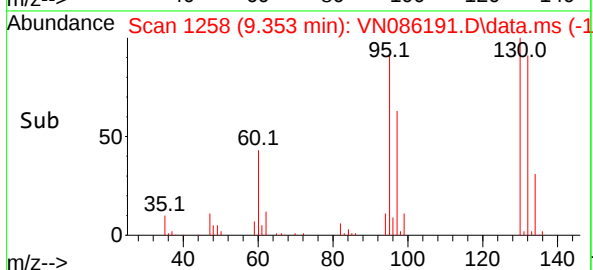
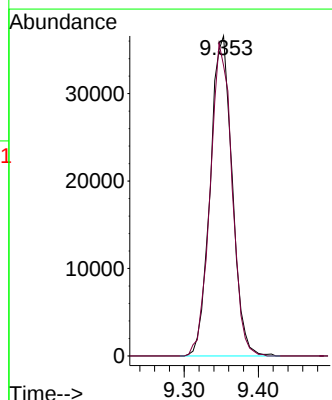
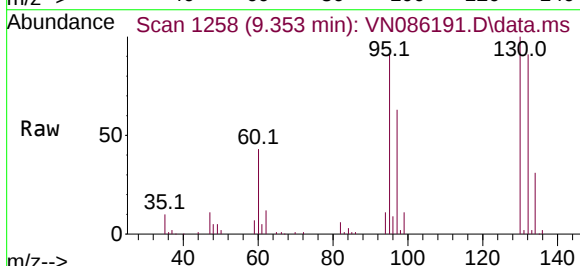
Acq: 01 Apr 2025 12:30

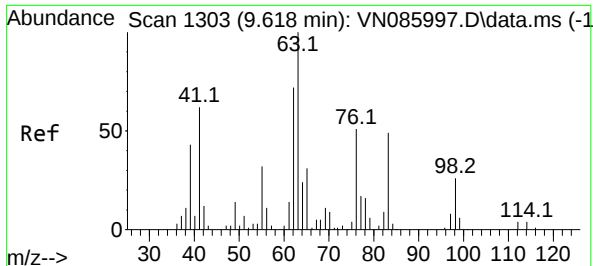
Tgt Ion:130 Resp: 75257

Ion Ratio Lower Upper

130 100

95 90.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 52.691 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

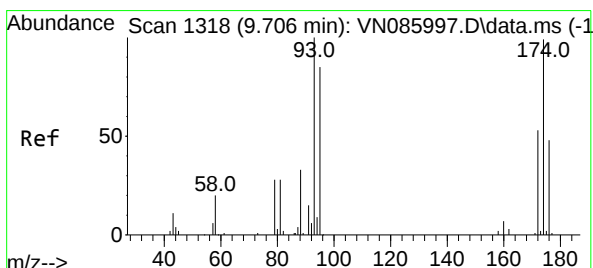
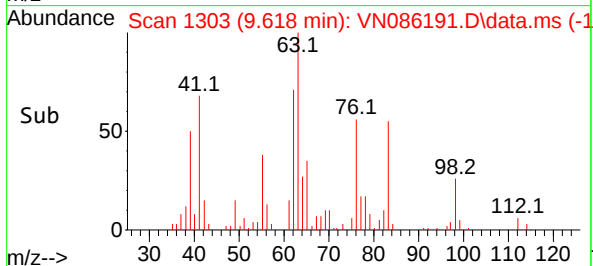
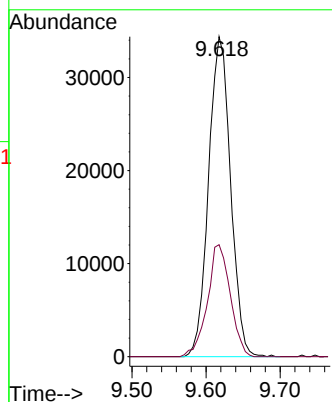
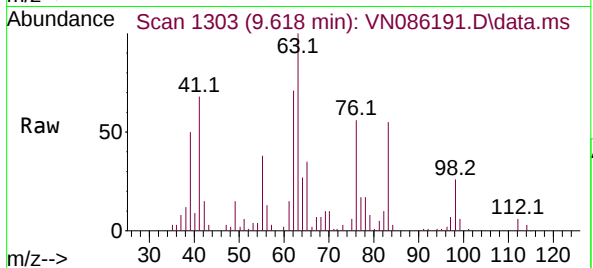
VSTDCCC050

Tgt Ion: 63 Resp: 70881

Ion Ratio Lower Upper

63 100

65 35.0 24.7 37.1



#46

Dibromomethane

Concen: 55.405 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

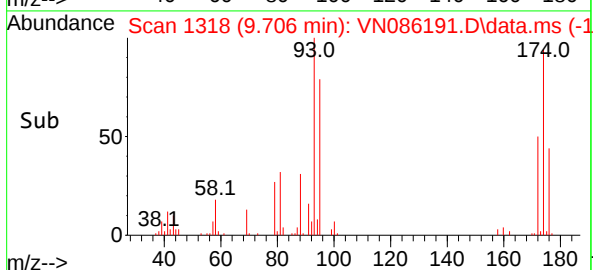
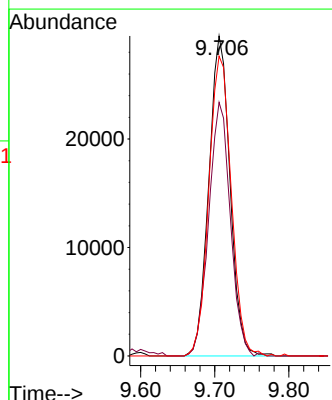
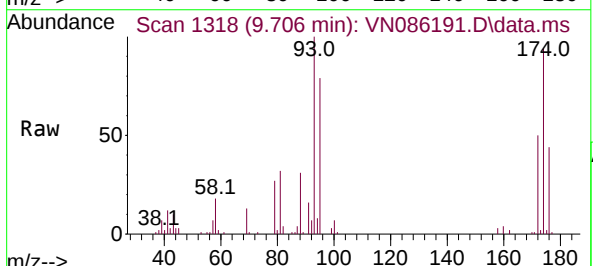
Tgt Ion: 93 Resp: 58614

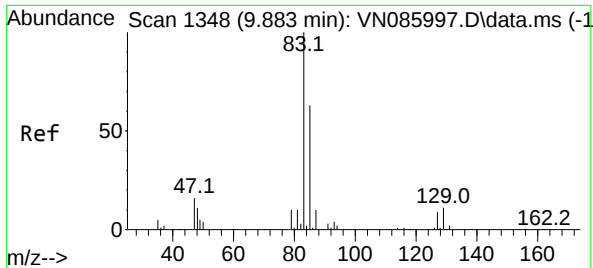
Ion Ratio Lower Upper

93 100

95 81.0 66.2 99.2

174 99.0 80.1 120.1

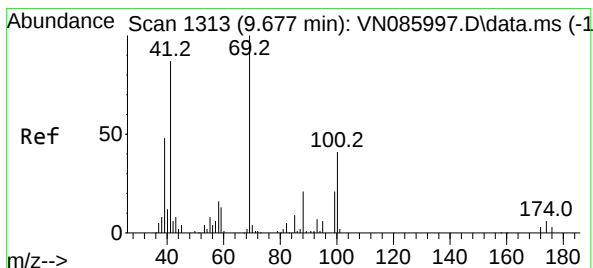
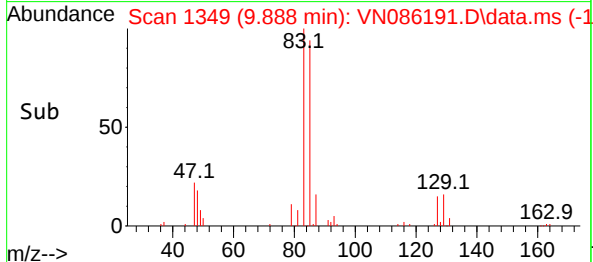
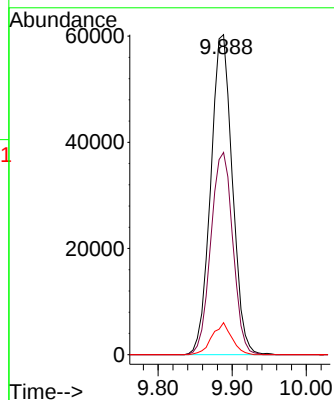
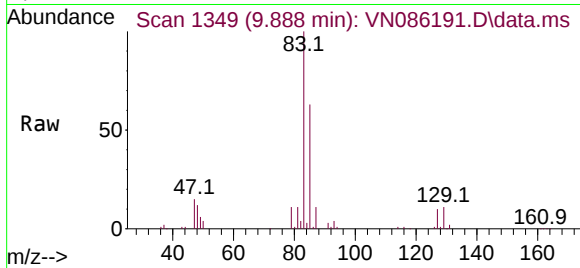




#47
Bromodichloromethane
Concen: 55.345 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

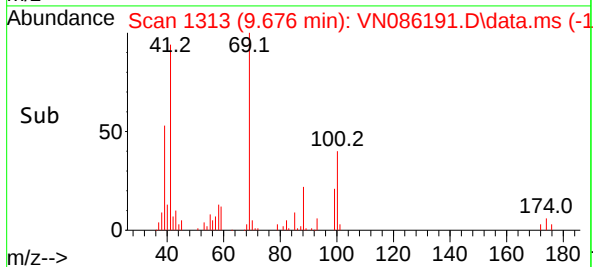
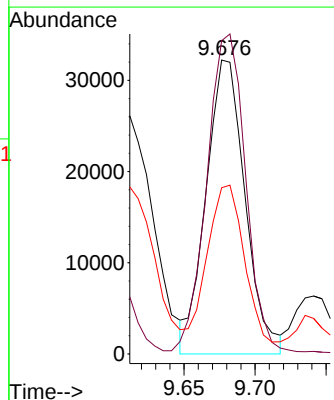
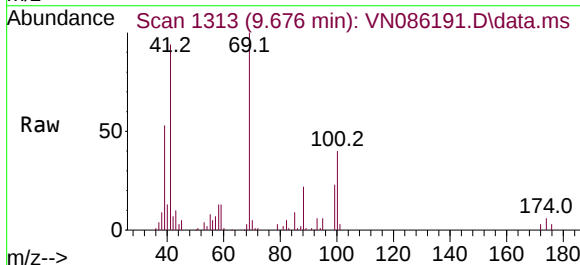
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

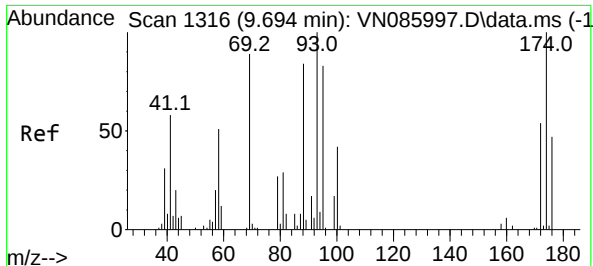
Tgt Ion: 83 Resp: 122368
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.2
127 10.0 7.1 10.7



#48
Methyl methacrylate
Concen: 54.205 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 41 Resp: 61608
Ion Ratio Lower Upper
41 100
69 109.4 83.1 124.7
39 57.1 45.6 68.4





#49

1,4-Dioxane

Concen: 1134.096 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

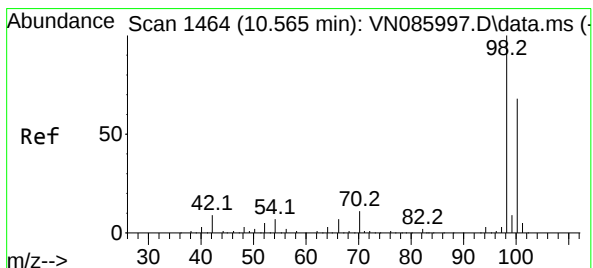
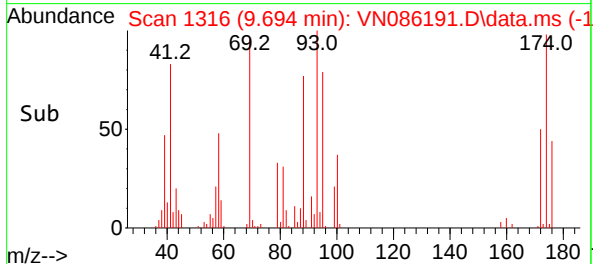
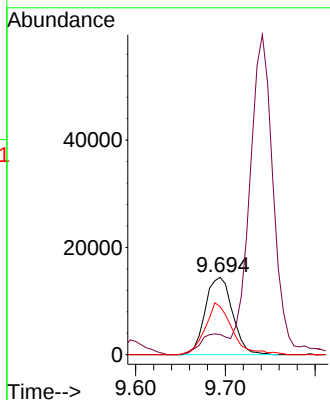
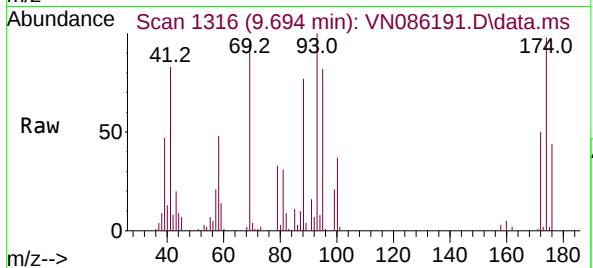
Tgt Ion: 88 Resp: 30471

Ion Ratio Lower Upper

88 100

43 28.1 21.7 32.5

58 66.2 50.4 75.6



#50

Toluene-d8

Concen: 54.542 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086191.D

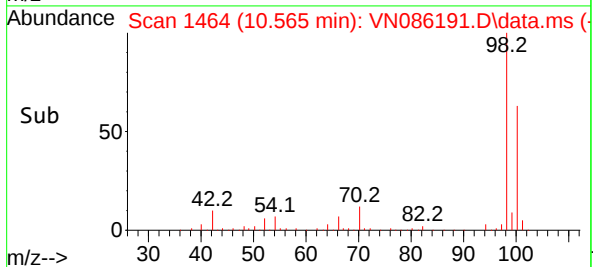
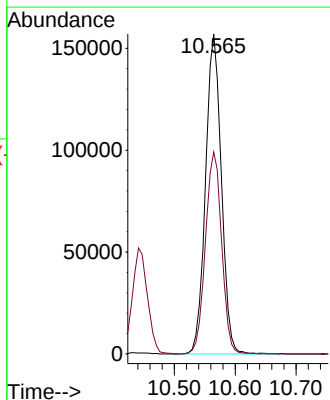
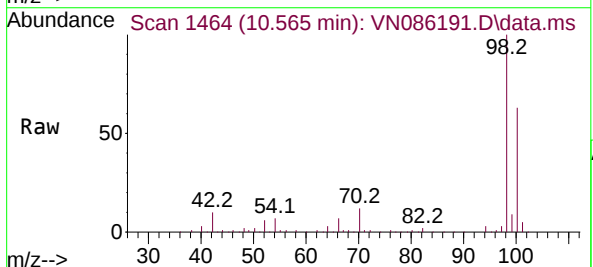
Acq: 01 Apr 2025 12:30

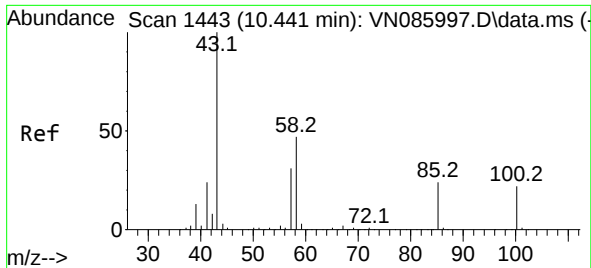
Tgt Ion: 98 Resp: 283232

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7

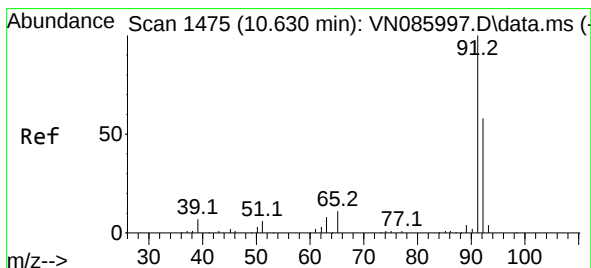
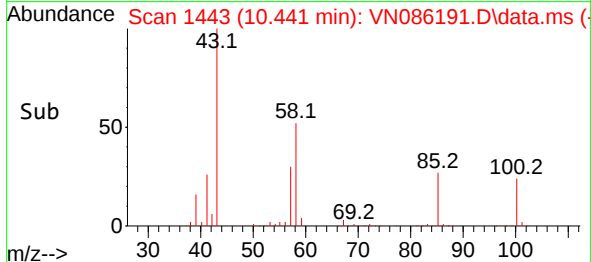
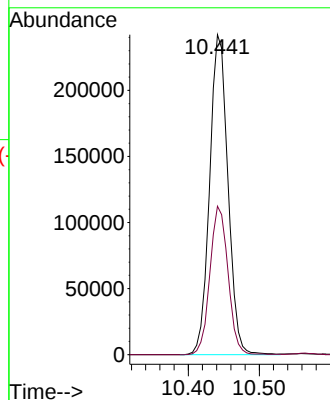
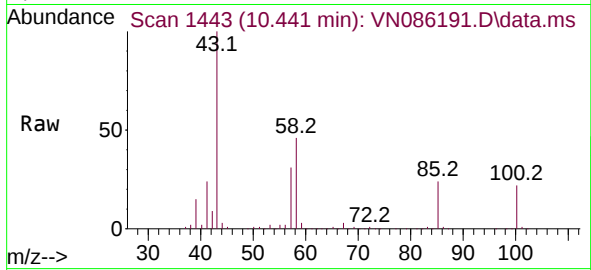




#51
4-Methyl-2-Pentanone
Concen: 285.346 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

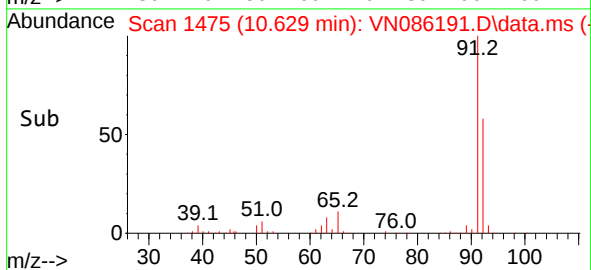
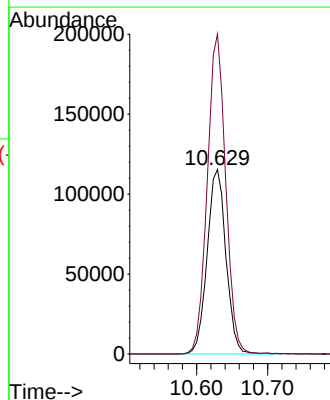
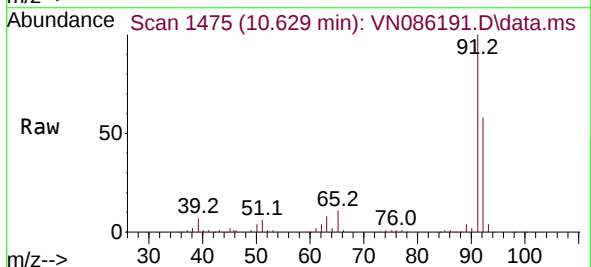
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

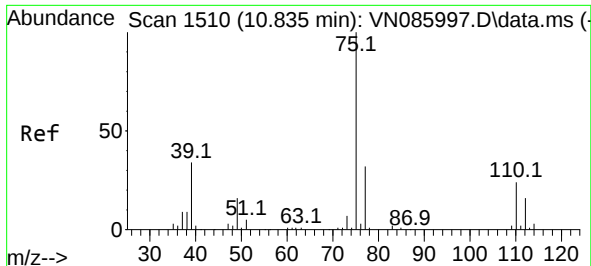
Tgt Ion: 43 Resp: 433441
Ion Ratio Lower Upper
43 100
58 45.9 37.4 56.0



#52
Toluene
Concen: 58.421 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 92 Resp: 212069
Ion Ratio Lower Upper
92 100
91 169.6 136.2 204.4

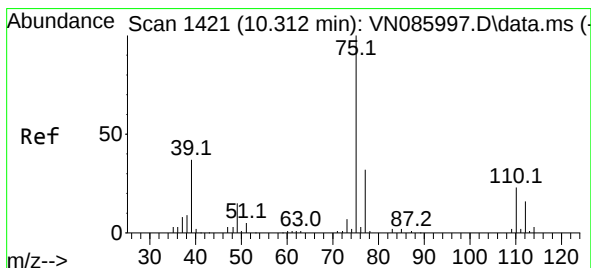
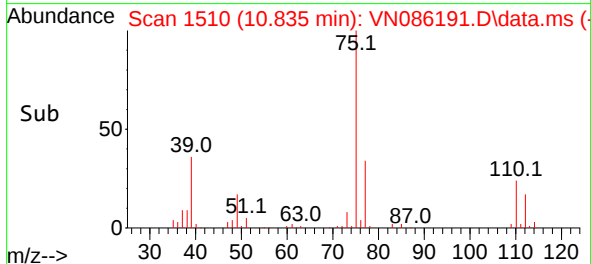
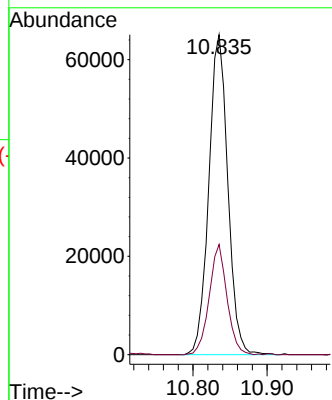
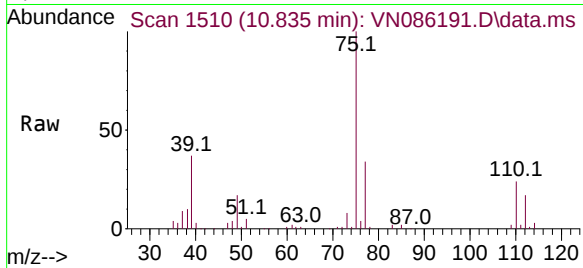




#53
 t-1,3-Dichloropropene
 Concen: 53.936 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

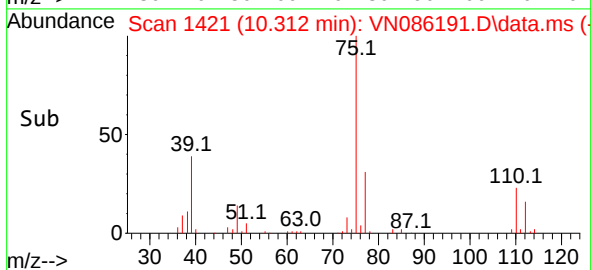
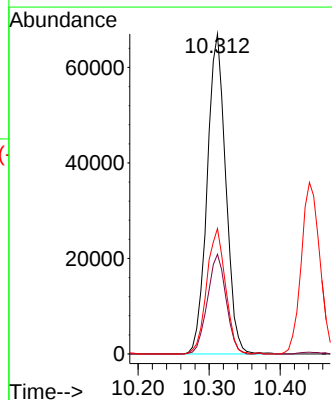
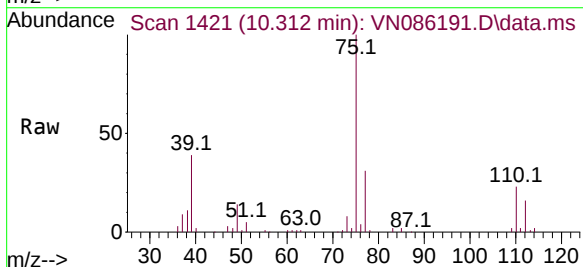
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

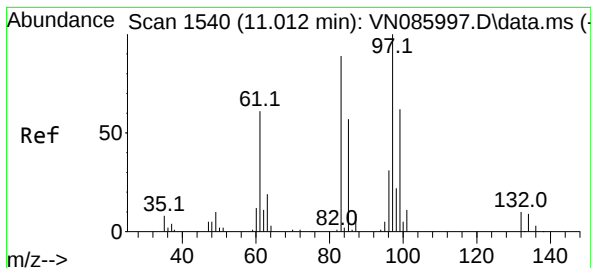
Tgt Ion: 75 Resp: 115814
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.797 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

Tgt Ion: 75 Resp: 121877
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 39.2 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 56.188 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 77847

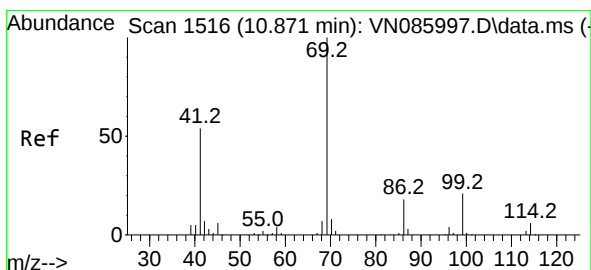
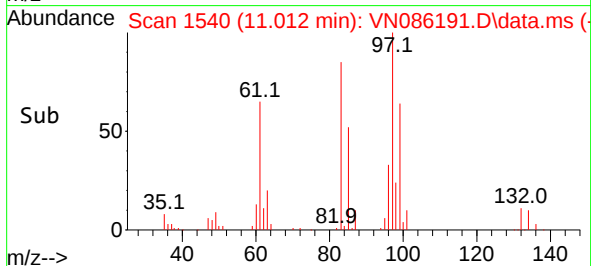
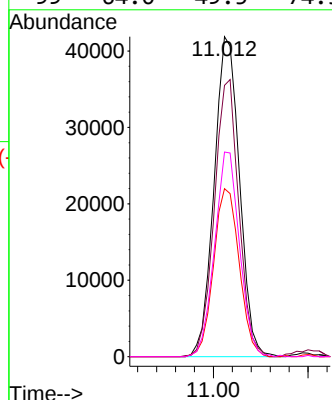
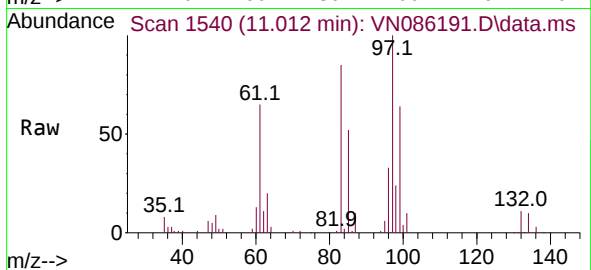
Ion Ratio Lower Upper

97 100

83 84.8 71.2 106.8

85 52.5 45.4 68.0

99 64.0 49.5 74.3



#56

Ethyl methacrylate

Concen: 51.295 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.001 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

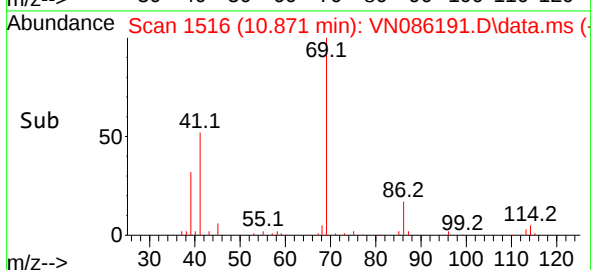
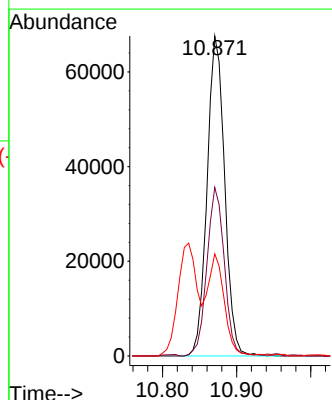
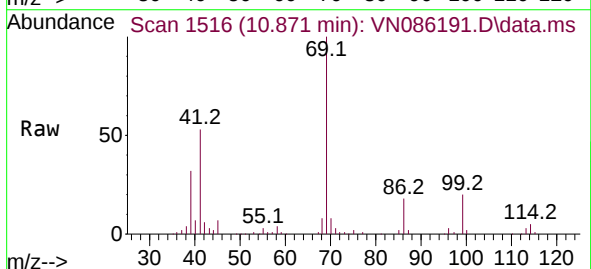
Tgt Ion: 69 Resp: 111441

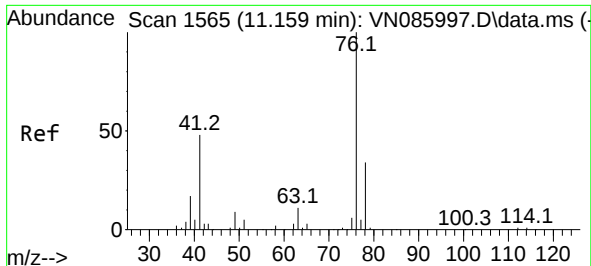
Ion Ratio Lower Upper

69 100

41 52.5 41.6 62.4

39 29.6 21.8 32.8





#57

1,3-Dichloropropane

Concen: 56.160 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

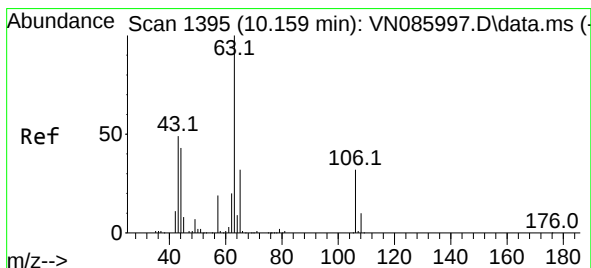
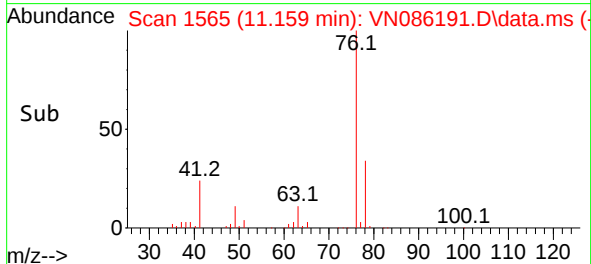
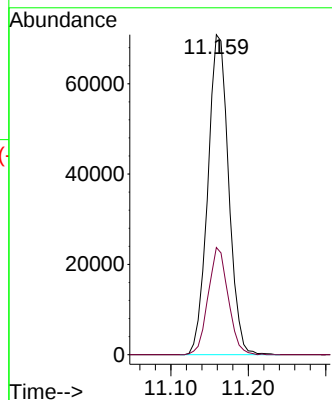
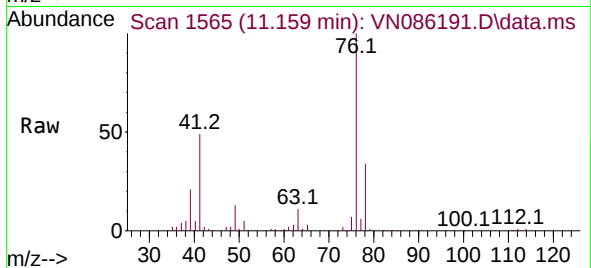
VSTDCCC050

Tgt Ion: 76 Resp: 132157

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 304.296 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086191.D

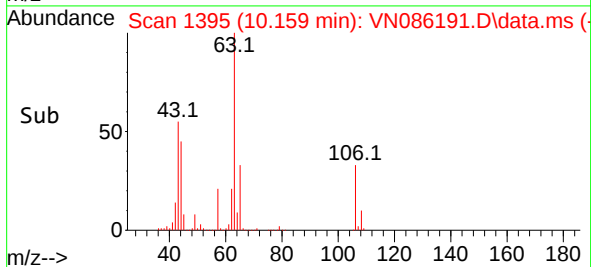
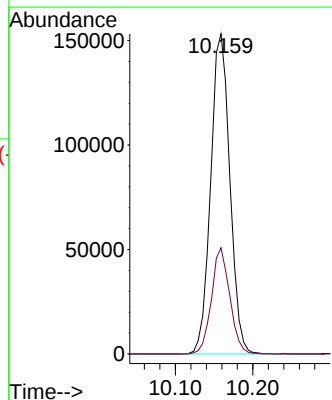
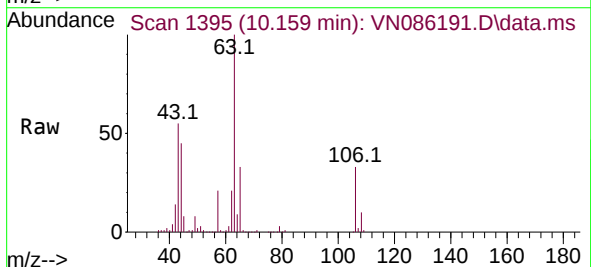
Acq: 01 Apr 2025 12:30

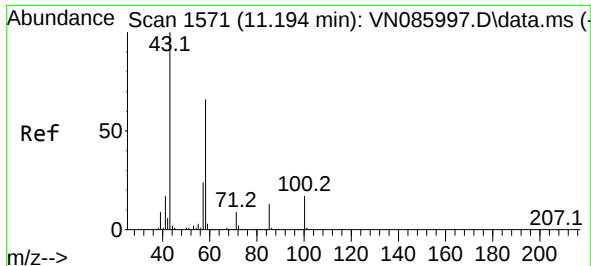
Tgt Ion: 63 Resp: 263133

Ion Ratio Lower Upper

63 100

106 31.7 25.0 37.6

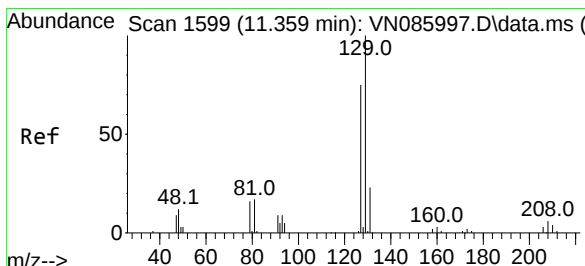
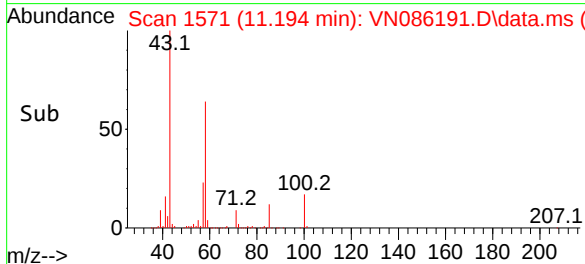
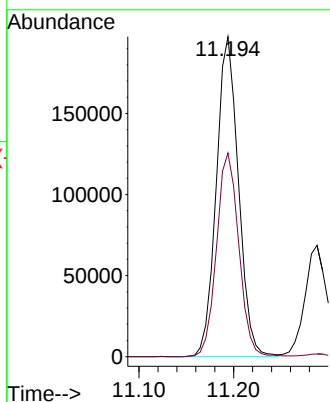
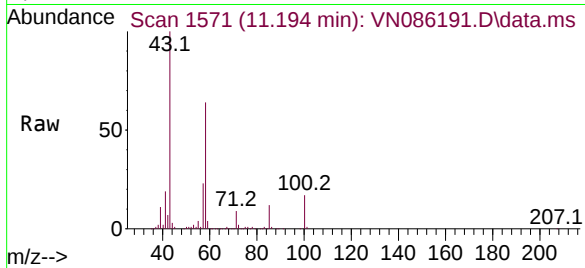




#59
2-Hexanone
Concen: 290.158 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

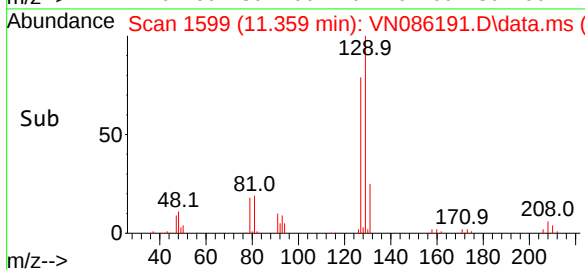
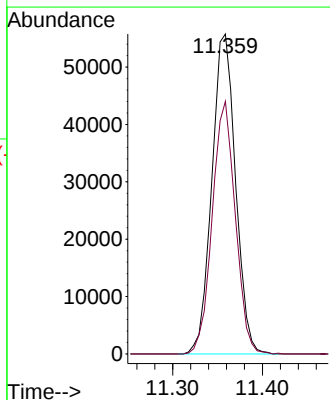
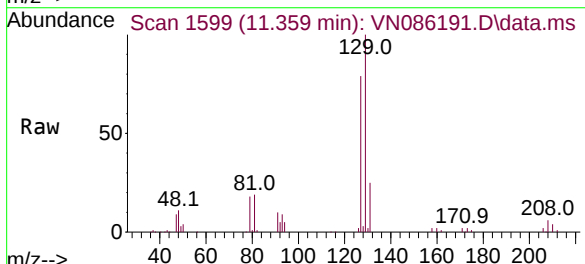
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

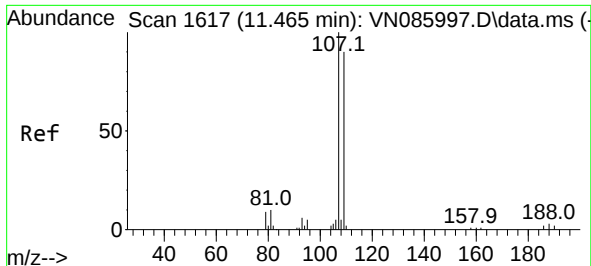
Tgt Ion: 43 Resp: 321084
Ion Ratio Lower Upper
43 100
58 64.0 32.4 97.2



#60
Dibromochloromethane
Concen: 57.261 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 129 Resp: 102372
Ion Ratio Lower Upper
129 100
127 76.7 37.8 113.4

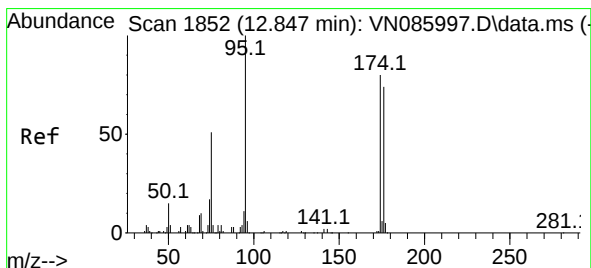
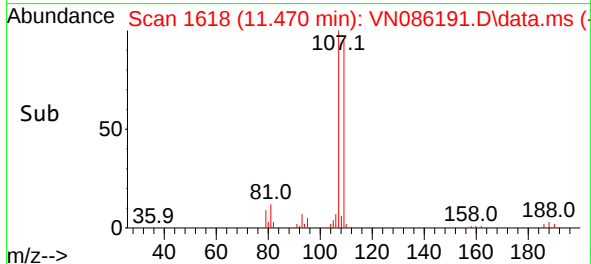
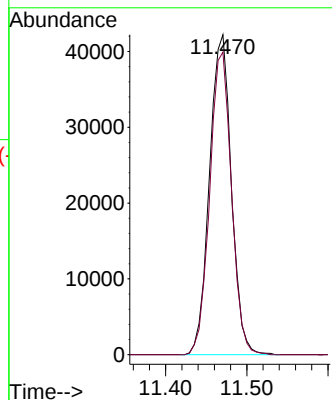
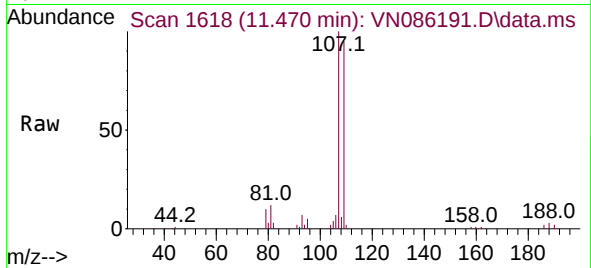




#61
1,2-Dibromoethane
Concen: 55.473 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

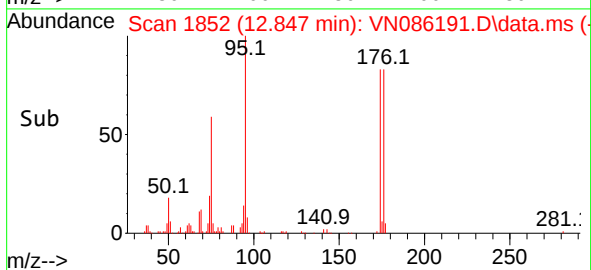
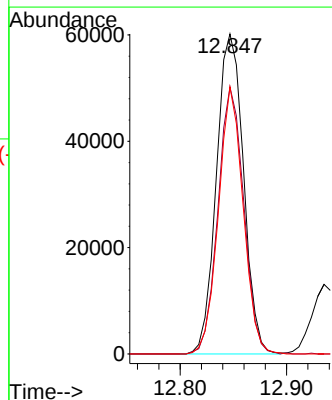
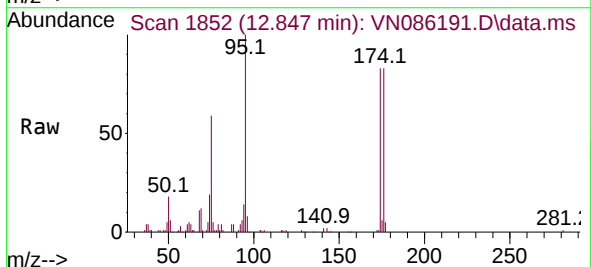
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

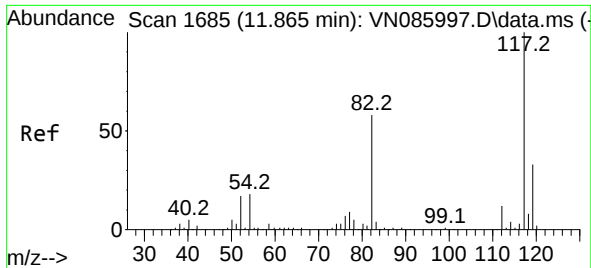
Tgt Ion:107 Resp: 78903
Ion Ratio Lower Upper
107 100
109 93.9 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 57.194 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 95 Resp: 105921
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.8
176 76.4 0.0 152.2

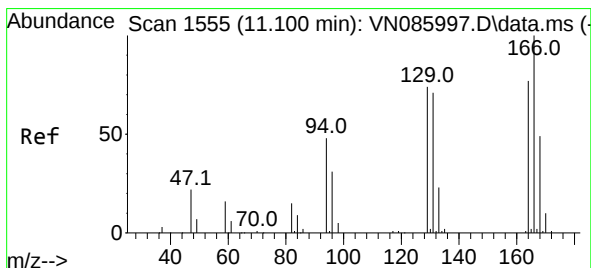
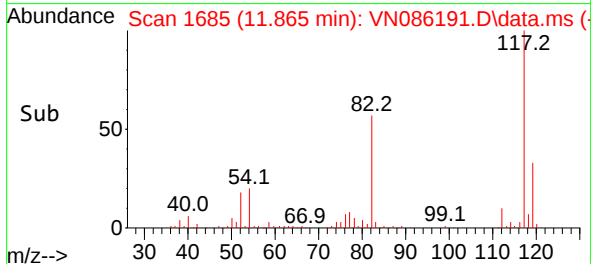
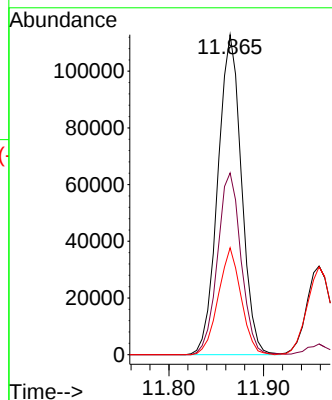
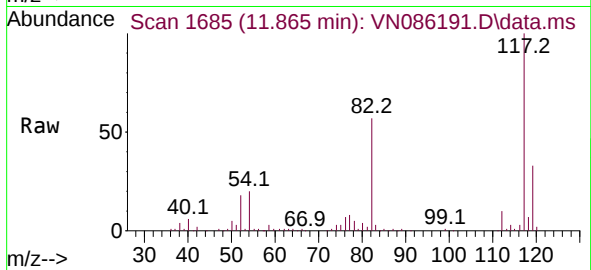




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

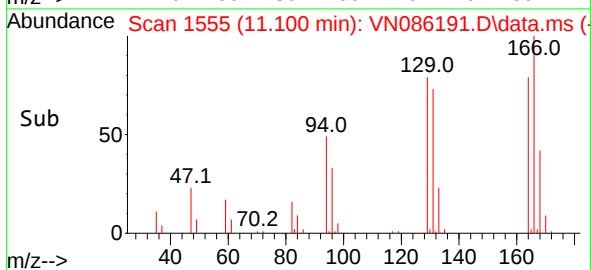
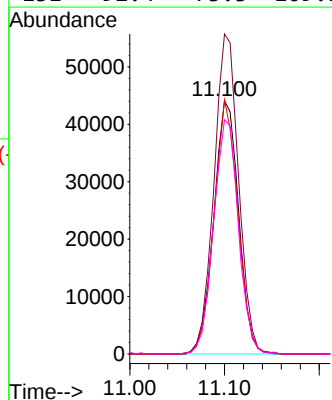
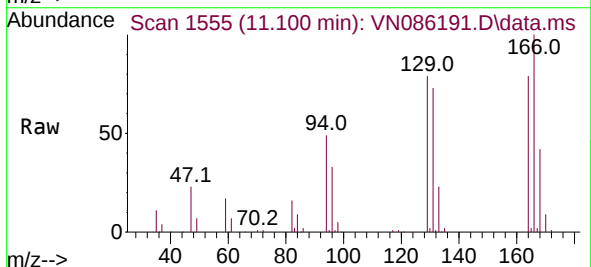
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

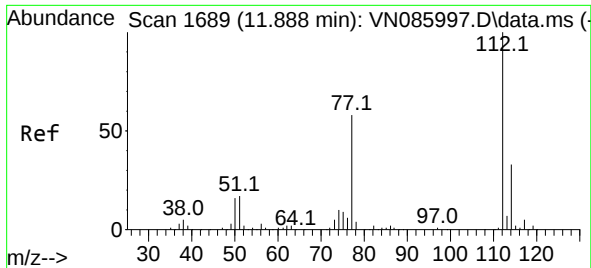
Tgt Ion:117 Resp: 195897
Ion Ratio Lower Upper
117 100
82 56.8 46.7 70.1
119 33.4 26.5 39.7



#64
Tetrachloroethene
Concen: 51.506 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion:164 Resp: 80488
Ion Ratio Lower Upper
164 100
166 126.4 103.7 155.5
129 100.3 77.1 115.7
131 92.4 73.3 109.9

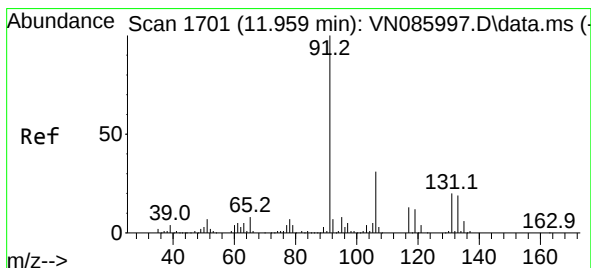
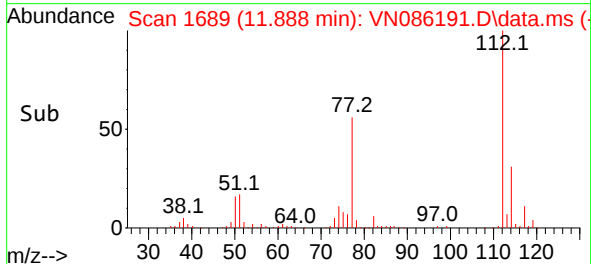
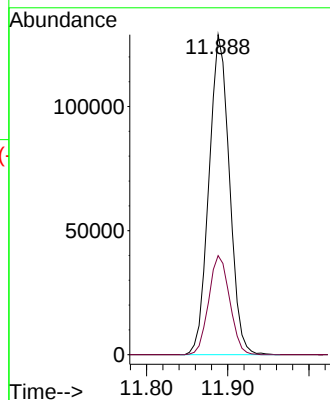
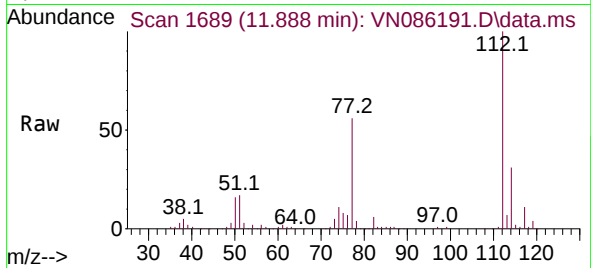




#65
Chlorobenzene
Concen: 50.343 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

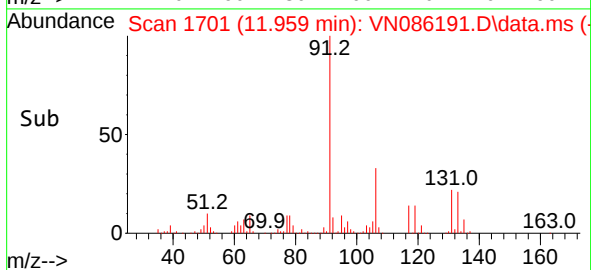
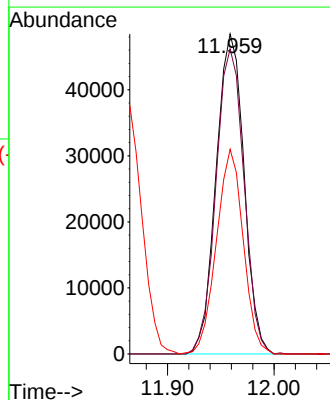
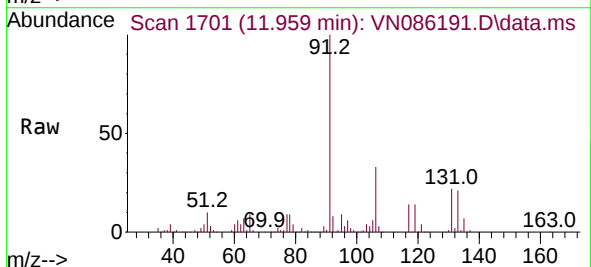
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

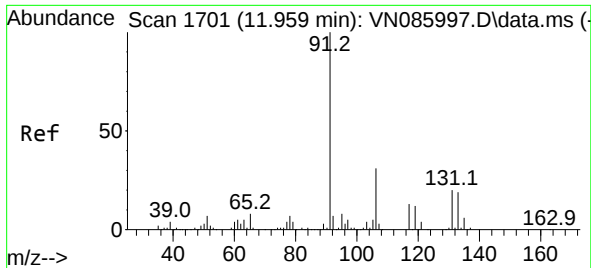
Tgt Ion:112 Resp: 225670
Ion Ratio Lower Upper
112 100
114 31.0 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.796 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion:131 Resp: 87978
Ion Ratio Lower Upper
131 100
133 96.0 47.0 141.0
119 61.6 31.4 94.0

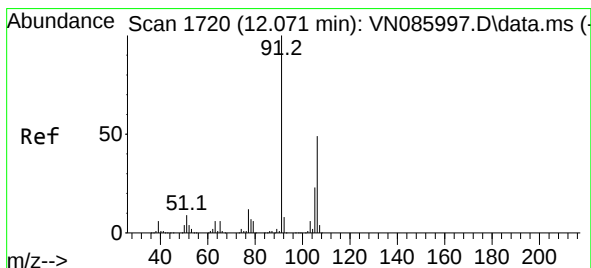
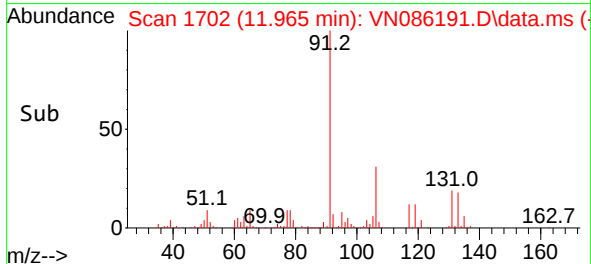
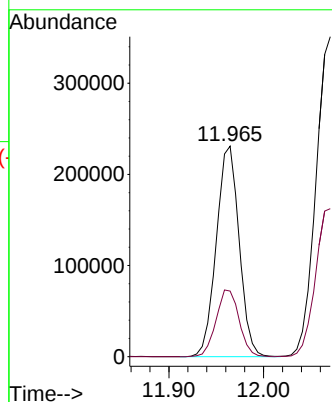
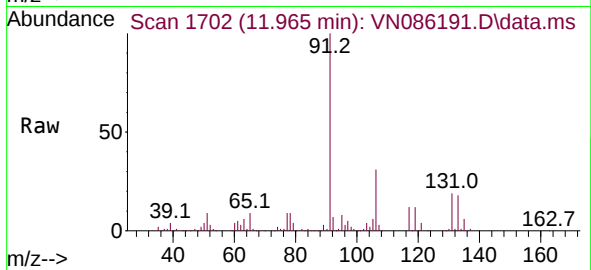




#67
Ethyl Benzene
Concen: 53.956 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

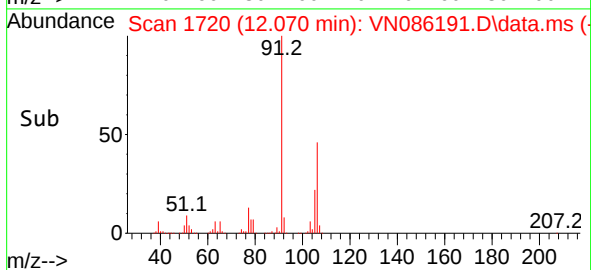
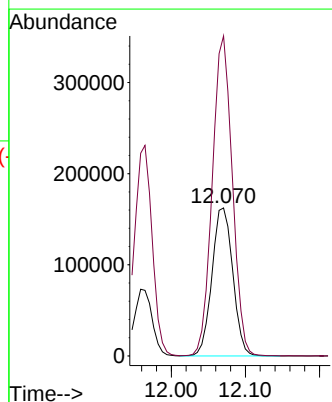
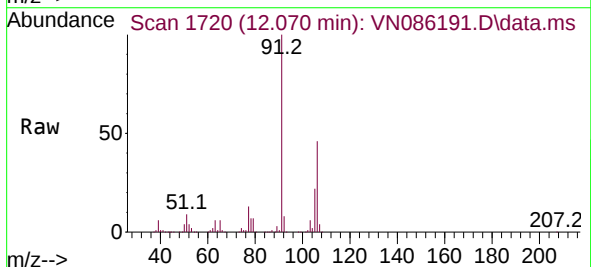
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

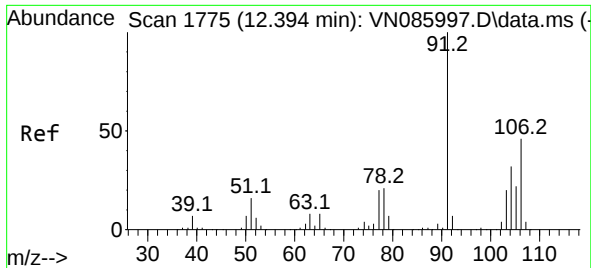
Tgt Ion: 91 Resp: 386894
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 112.511 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion:106 Resp: 317096
Ion Ratio Lower Upper
106 100
91 207.5 163.9 245.9

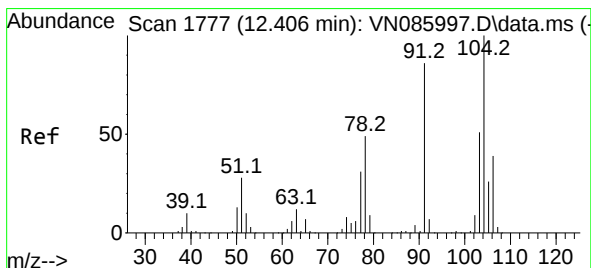
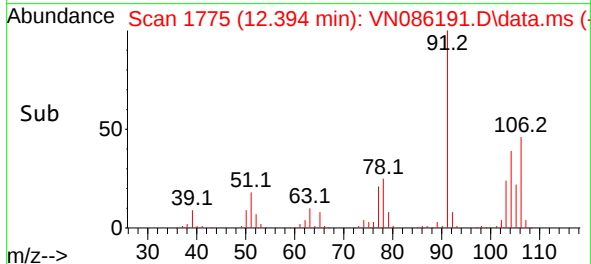
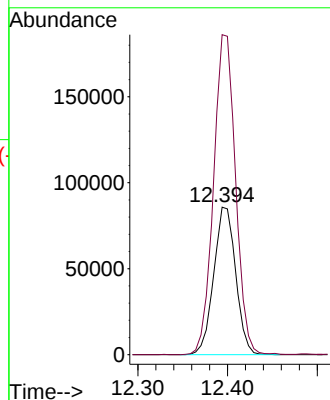
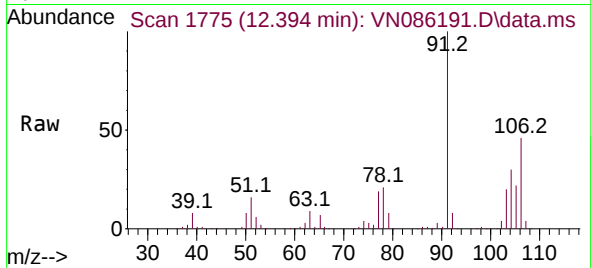




#69
o-Xylene
Concen: 56.358 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

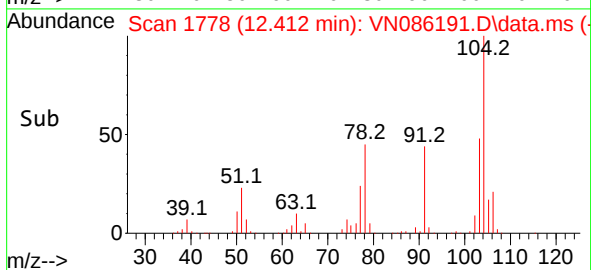
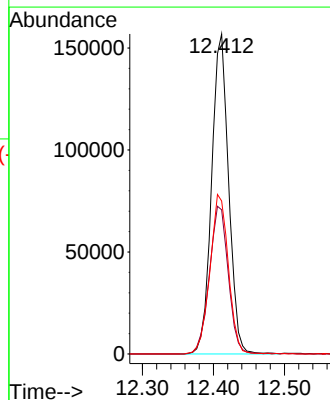
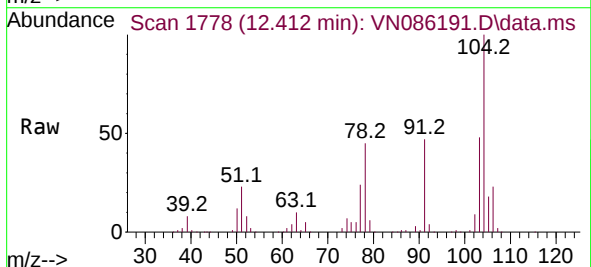
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

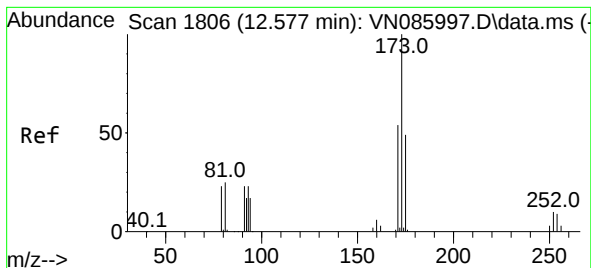
Tgt Ion:106 Resp: 145782
Ion Ratio Lower Upper
106 100
91 218.0 109.1 327.2



#70
Styrene
Concen: 59.027 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion:104 Resp: 260792
Ion Ratio Lower Upper
104 100
78 51.1 41.4 62.2
103 54.1 42.9 64.3





#71

Bromoform

Concen: 53.039 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

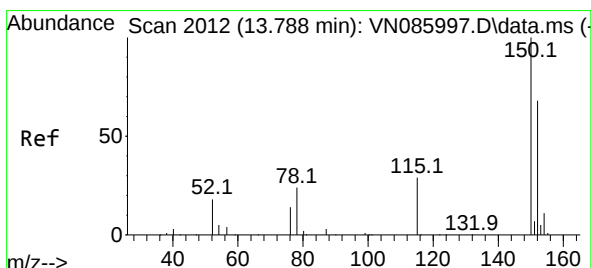
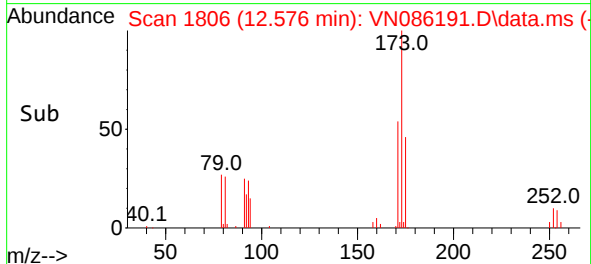
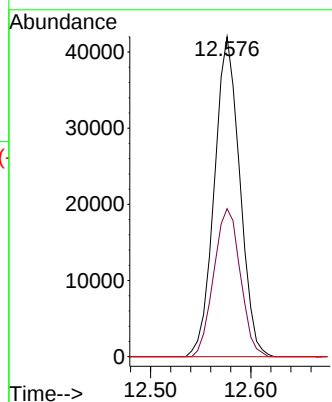
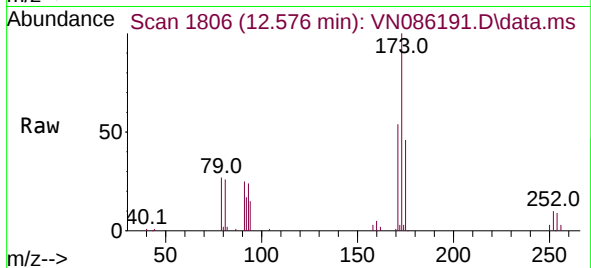
Tgt Ion:173 Resp: 73884

Ion Ratio Lower Upper

173 100

175 48.3 24.3 73.0

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: VN086191.D

Acq: 01 Apr 2025 12:30

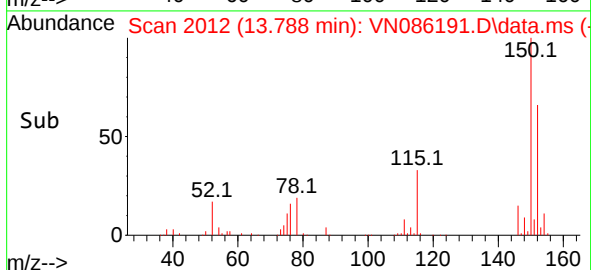
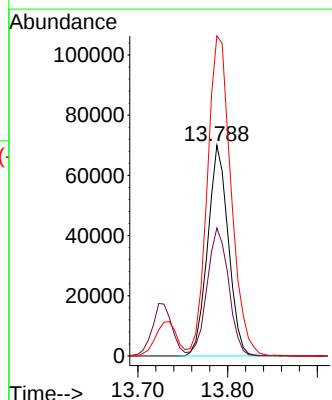
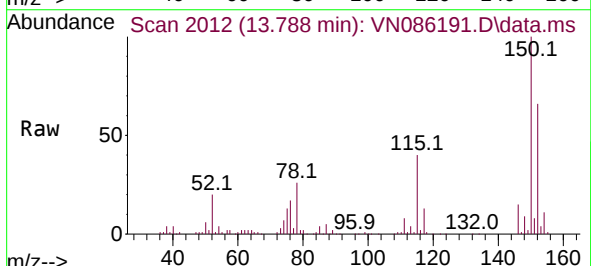
Tgt Ion:152 Resp: 111589

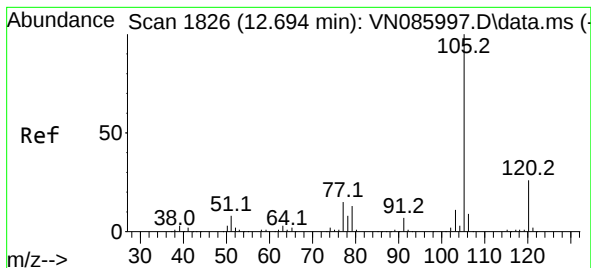
Ion Ratio Lower Upper

152 100

115 63.4 31.1 93.2

150 174.9 0.0 359.6





#73

Isopropylbenzene

Concen: 48.987 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

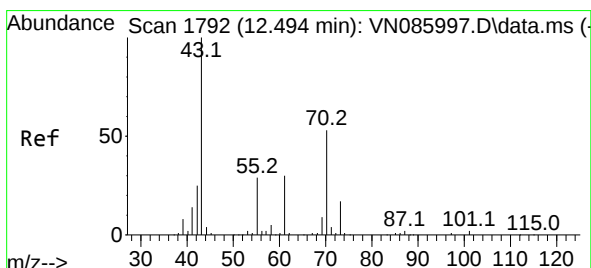
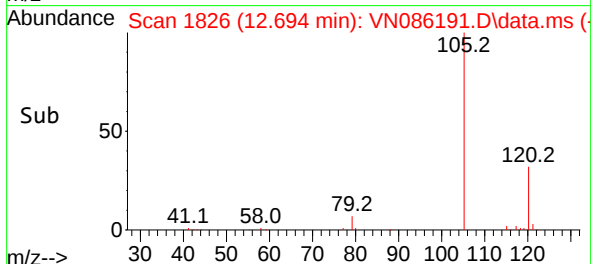
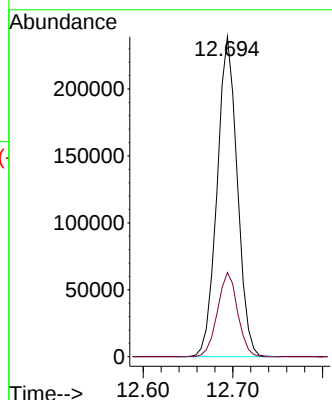
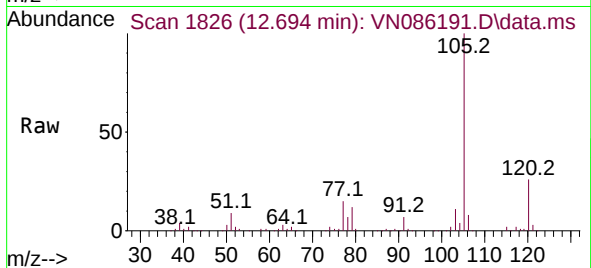
VSTDCCC050

Tgt Ion:105 Resp: 373293

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 46.828 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Tgt Ion: 43 Resp: 119388

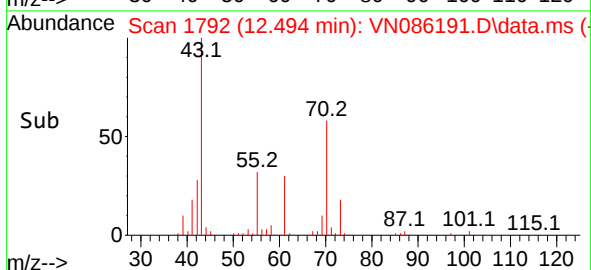
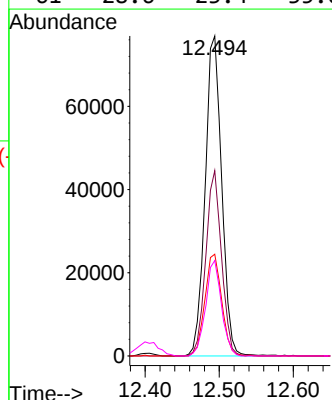
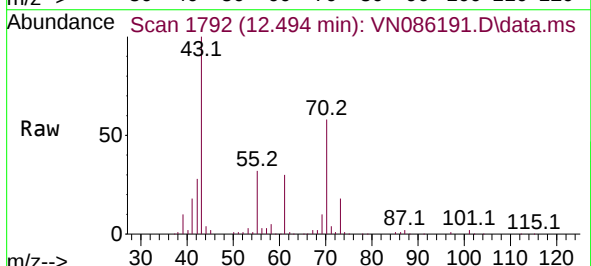
Ion Ratio Lower Upper

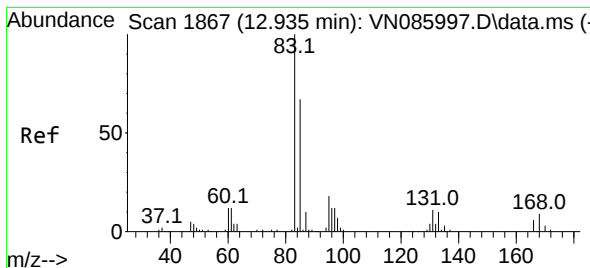
43 100

70 54.9 43.0 64.4

55 32.4 23.8 35.8

61 28.6 23.4 35.0

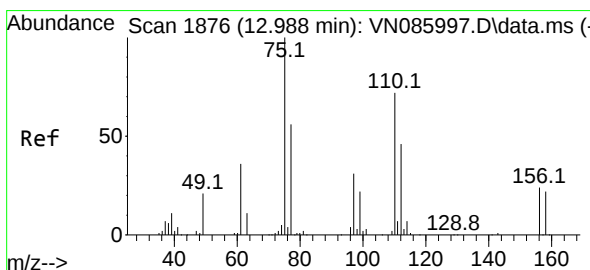
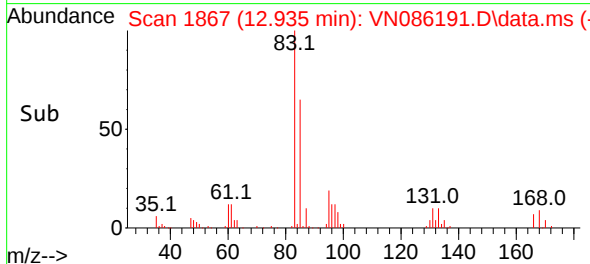
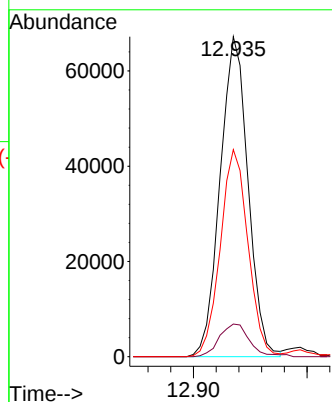
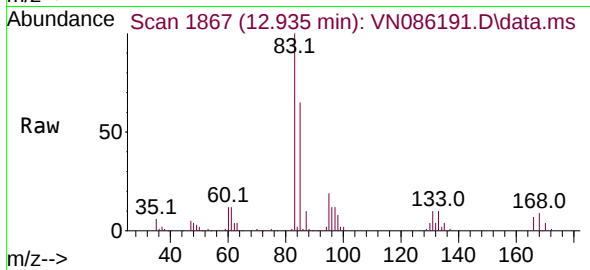




#75
1,1,2,2-Tetrachloroethane
Concen: 44.496 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

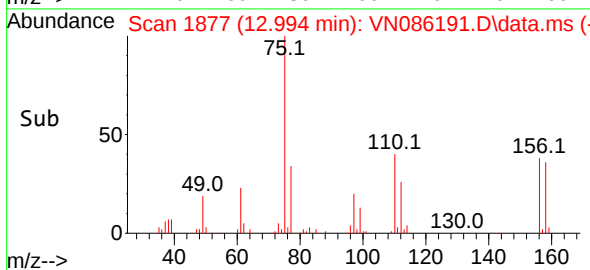
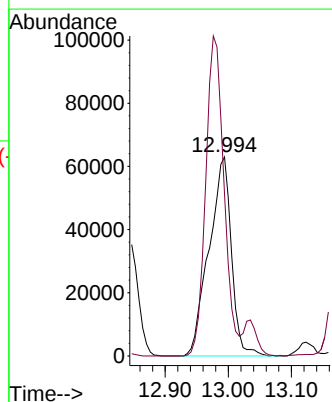
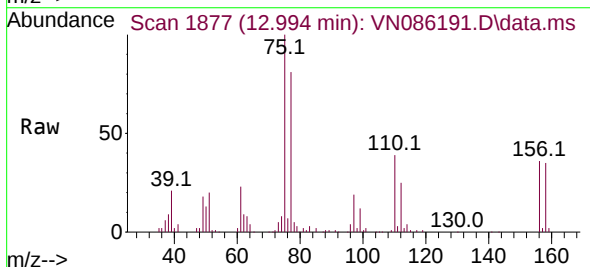
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

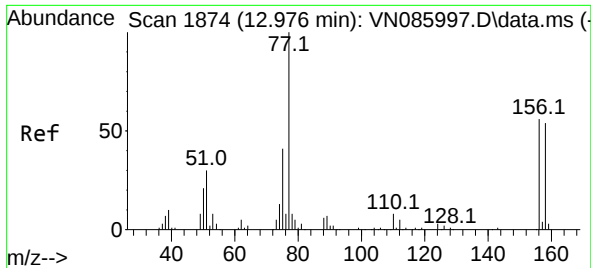
Tgt Ion: 83 Resp: 114711
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.5
85 64.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 62.186 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 75 Resp: 155357
Ion Ratio Lower Upper
75 100
77 130.9 83.7 251.0

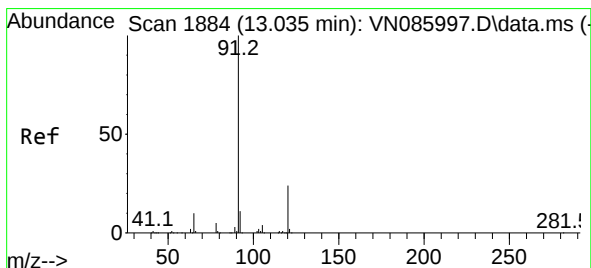
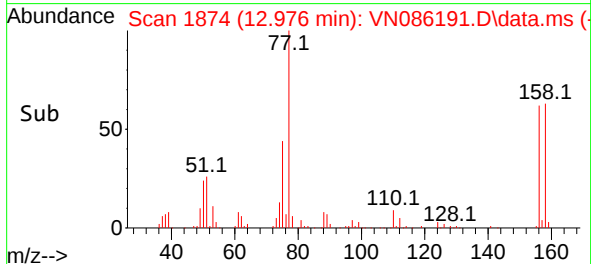
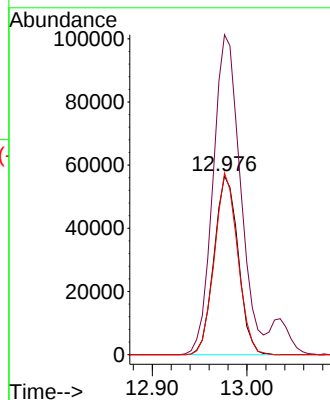
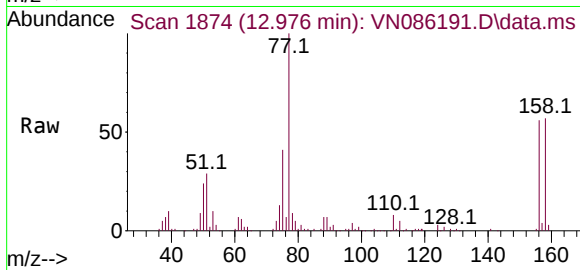




#77
Bromobenzene
Concen: 47.181 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

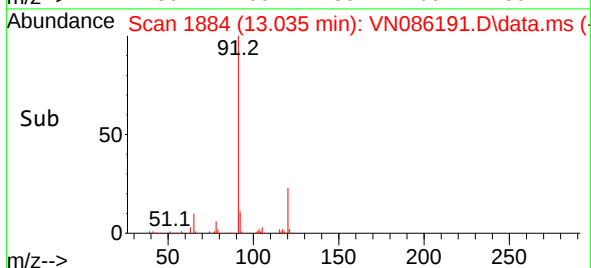
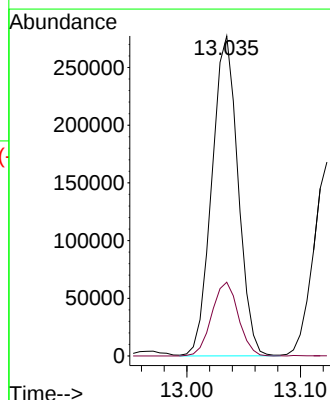
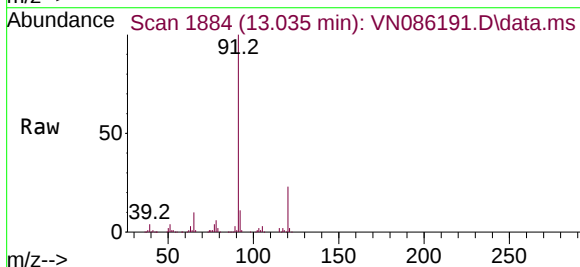
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

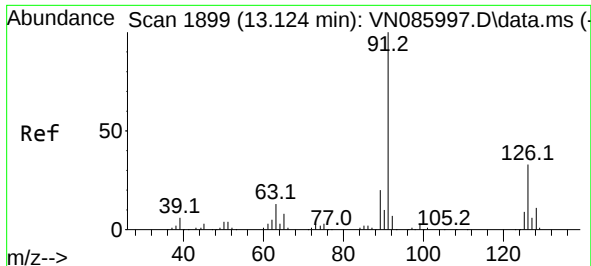
Tgt Ion:156 Resp: 100250
Ion Ratio Lower Upper
156 100
77 202.8 104.1 312.3
158 98.5 49.0 147.0



#78
n-propylbenzene
Concen: 51.446 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 91 Resp: 443917
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0

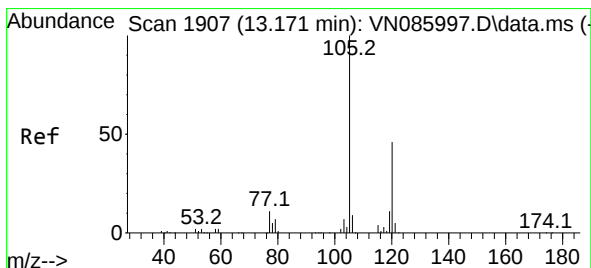
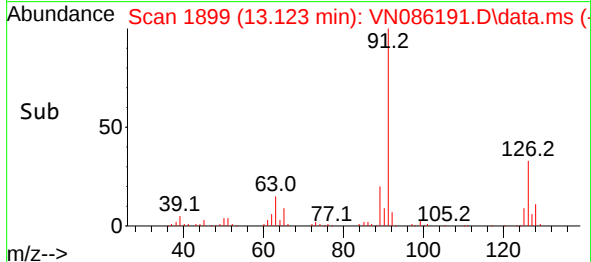
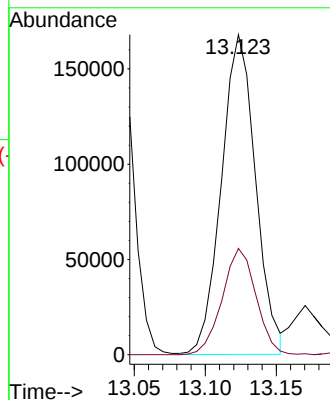
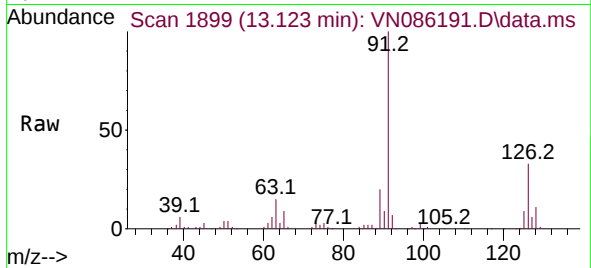




#79
2-Chlorotoluene
Concen: 49.095 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

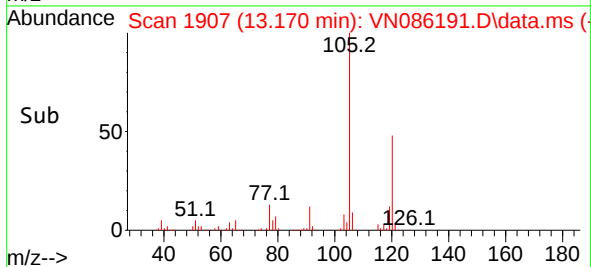
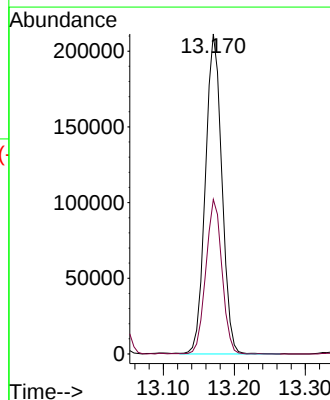
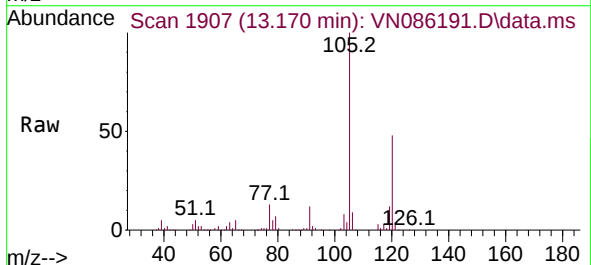
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

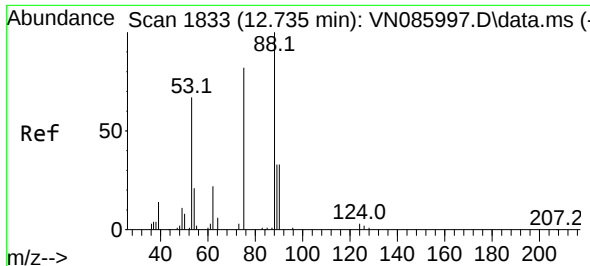
Tgt Ion: 91 Resp: 281383
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 52.995 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 105 Resp: 340956
Ion Ratio Lower Upper
105 100
120 47.2 23.7 71.1

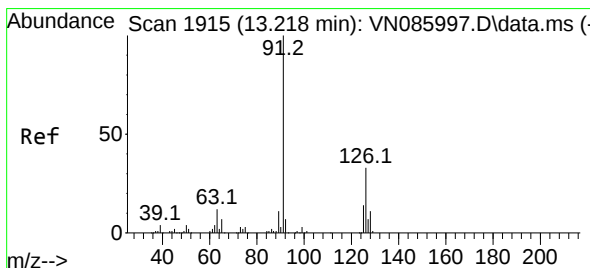
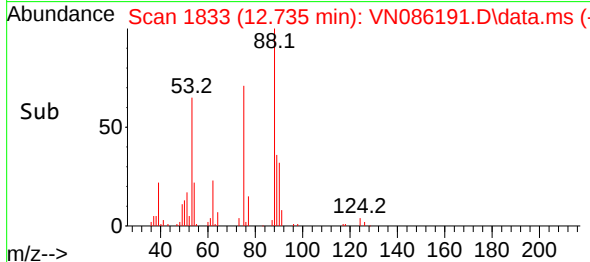
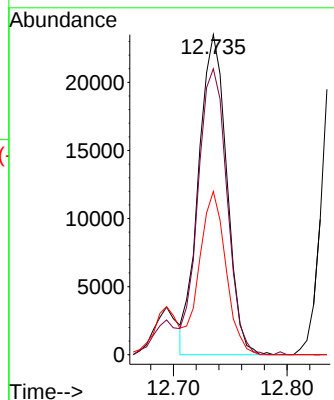
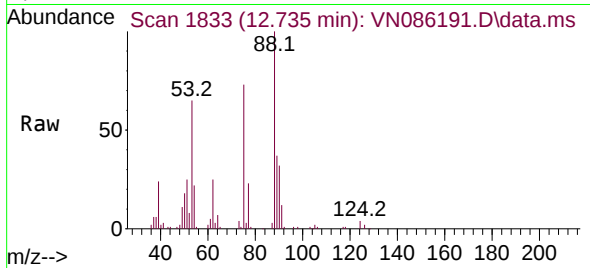




#81
trans-1,4-Dichloro-2-butene
Concen: 42.843 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

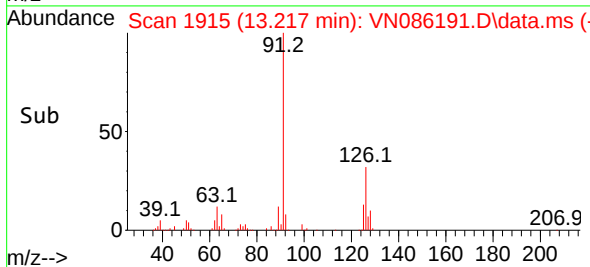
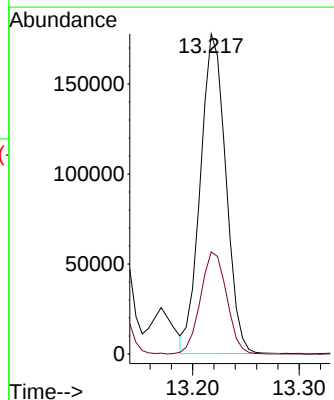
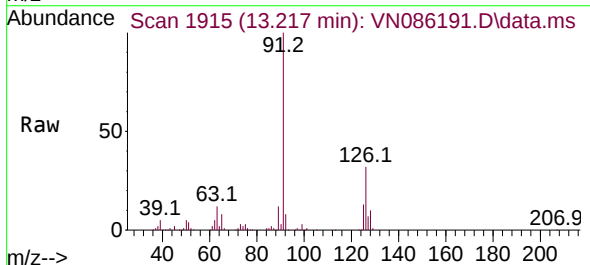
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

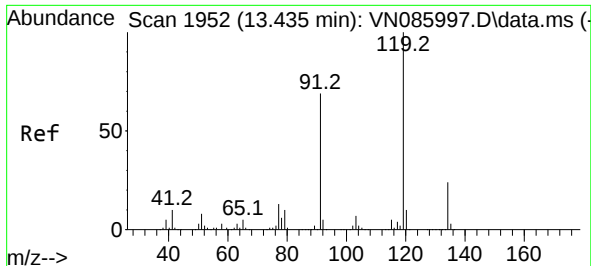
Tgt Ion: 75 Resp: 40484
Ion Ratio Lower Upper
75 100
53 92.1 66.0 99.0
89 48.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.057 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 91 Resp: 295029
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2

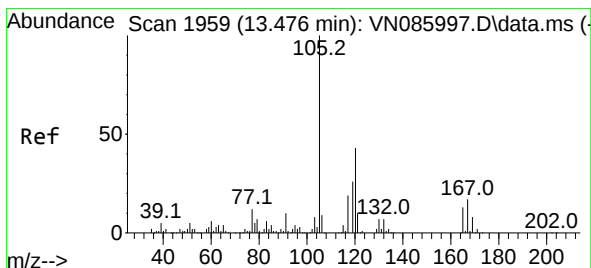
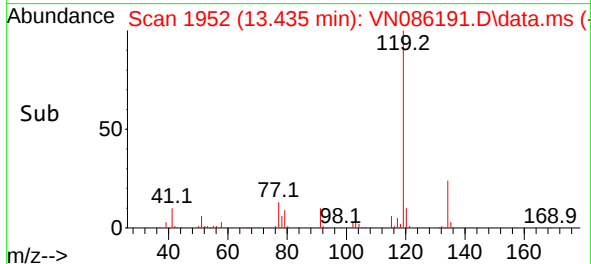
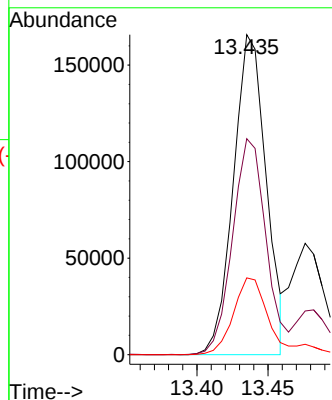
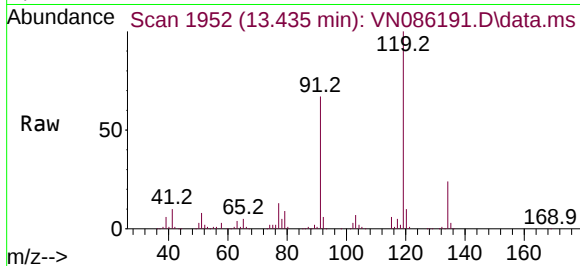




#83
tert-Butylbenzene
Concen: 48.341 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

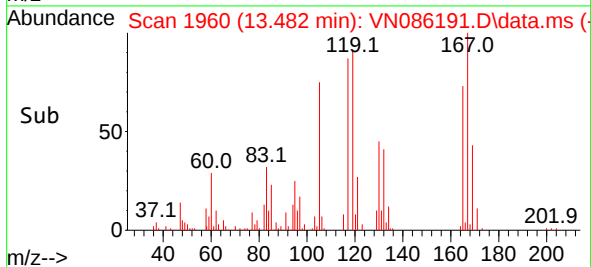
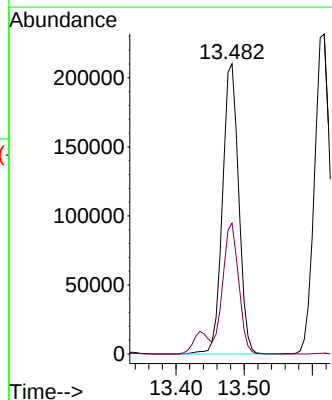
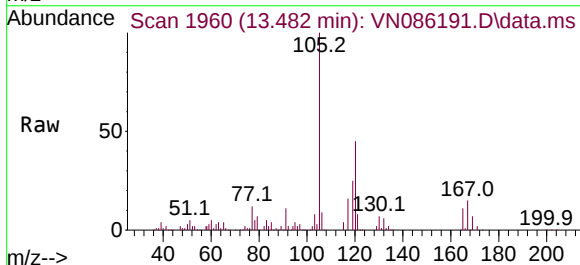
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

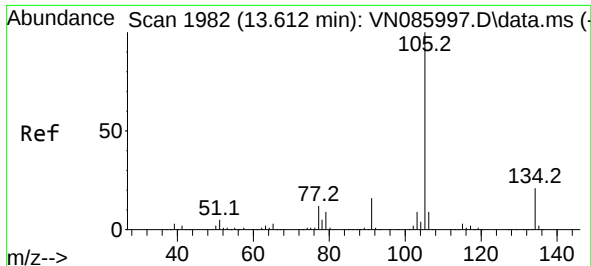
Tgt Ion:119 Resp: 265994
Ion Ratio Lower Upper
119 100
91 69.4 34.3 102.9
134 27.0 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 53.574 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion:105 Resp: 347644
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.8

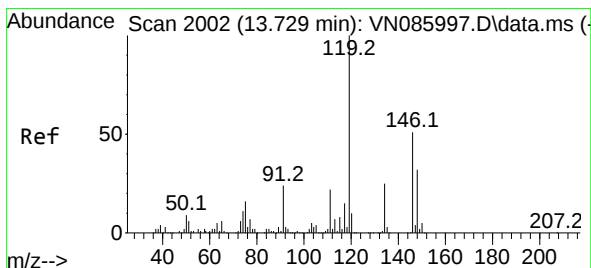
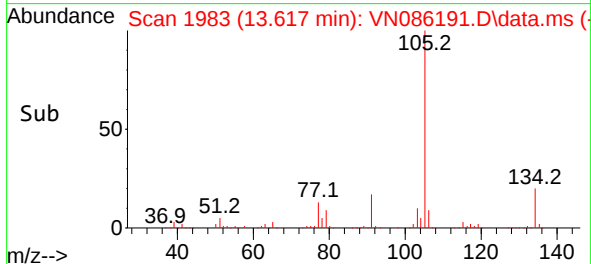
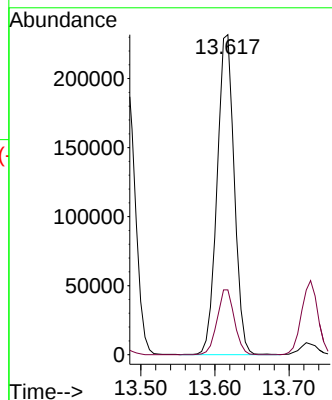
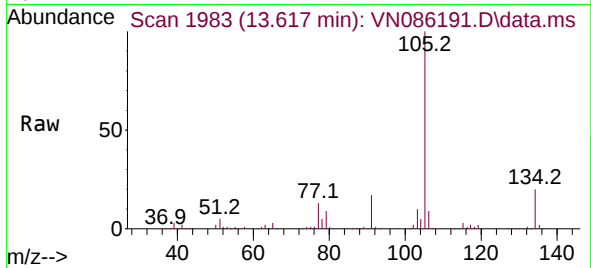




#85
 sec-Butylbenzene
 Concen: 51.919 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

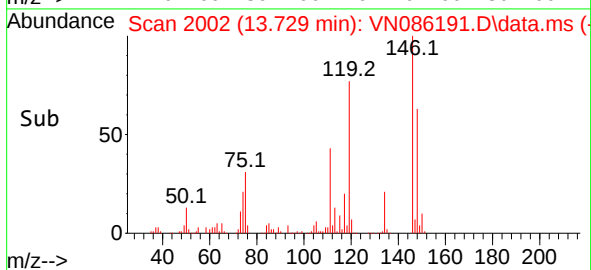
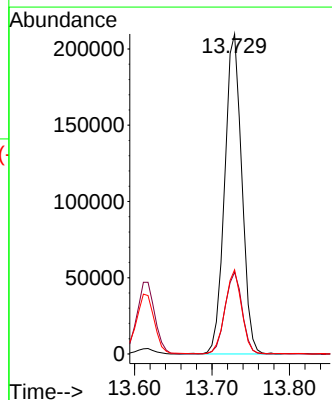
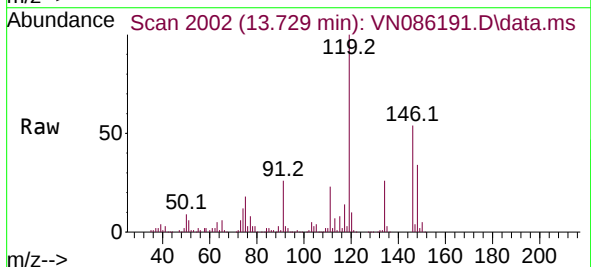
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

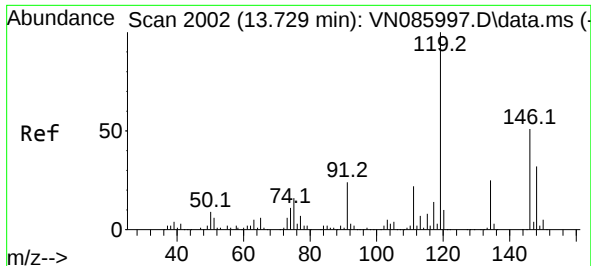
Tgt Ion:105 Resp: 372684
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.032 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

Tgt Ion:119 Resp: 322242
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 25.6 12.3 36.8

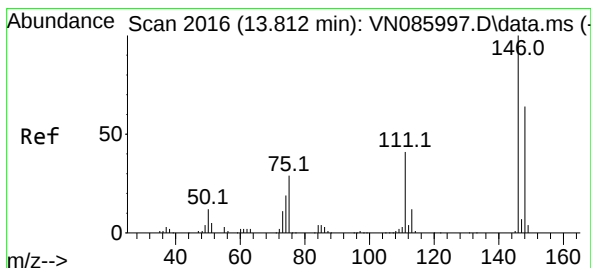
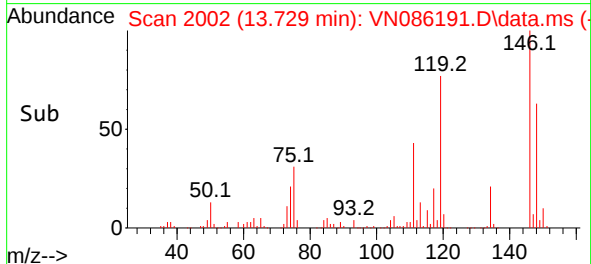
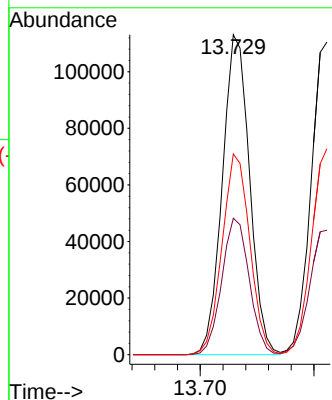
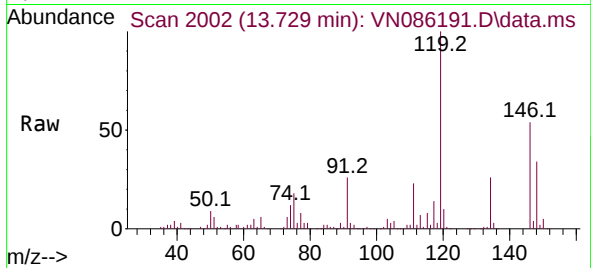




#87
 1,3-Dichlorobenzene
 Concen: 49.269 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

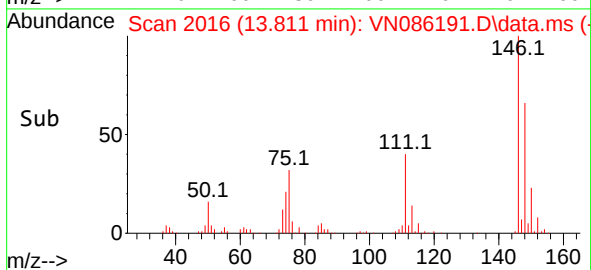
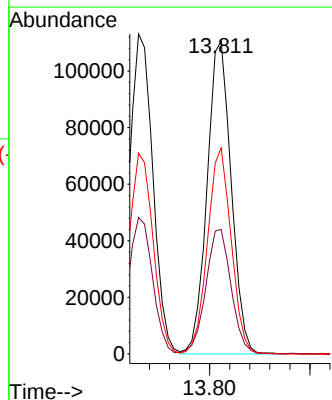
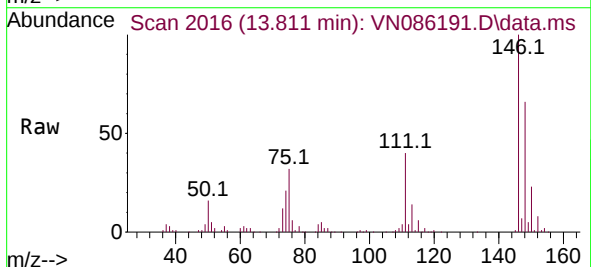
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

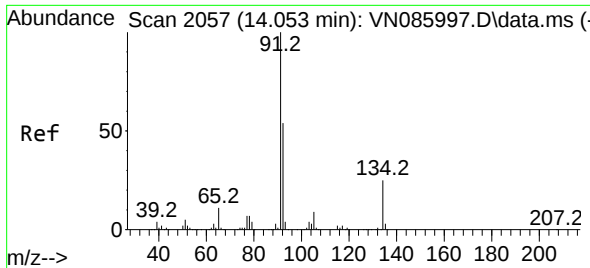
Tgt Ion:146 Resp: 188702
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.2 63.6
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 45.917 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086191.D
 Acq: 01 Apr 2025 12:30

Tgt Ion:146 Resp: 184771
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.3
 148 64.8 32.1 96.5

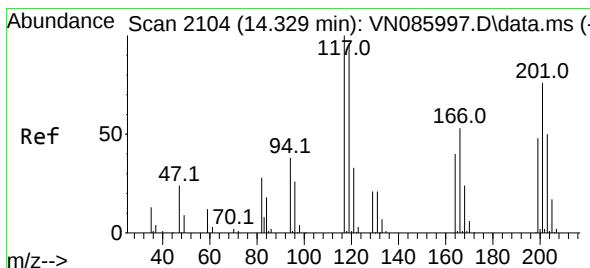
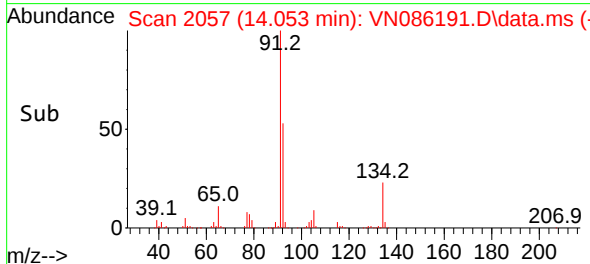
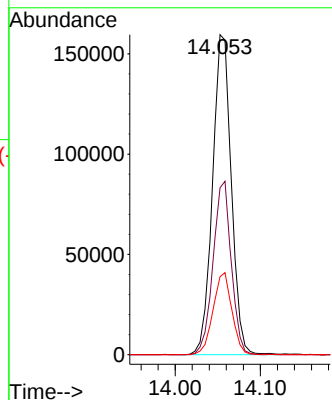
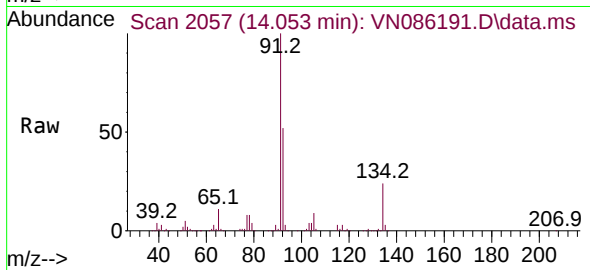




#89
n-Butylbenzene
Concen: 49.455 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

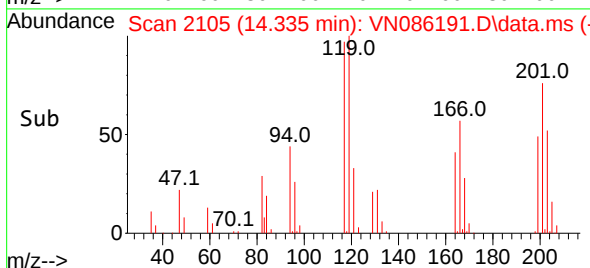
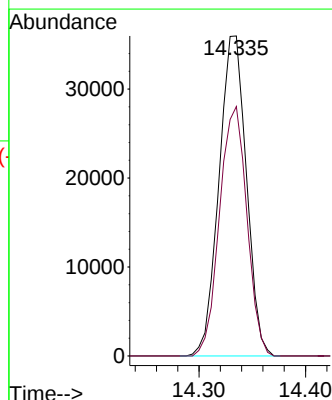
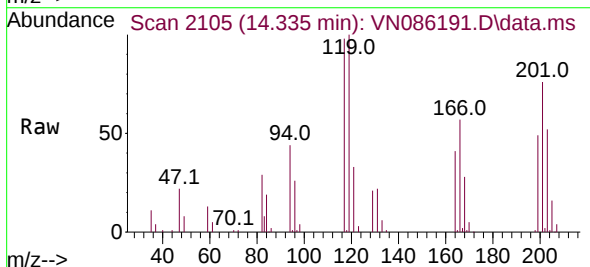
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

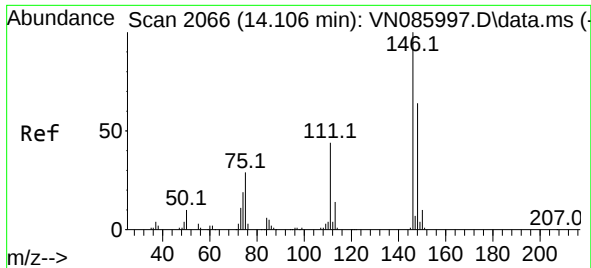
Tgt Ion: 91 Resp: 244714
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.6
134 25.6 13.0 39.0



#90
Hexachloroethane
Concen: 45.911 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion: 117 Resp: 64371
Ion Ratio Lower Upper
117 100
201 77.6 39.1 117.3

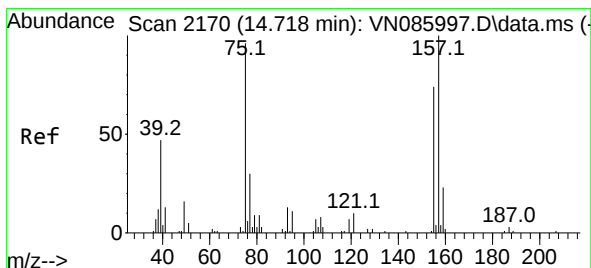
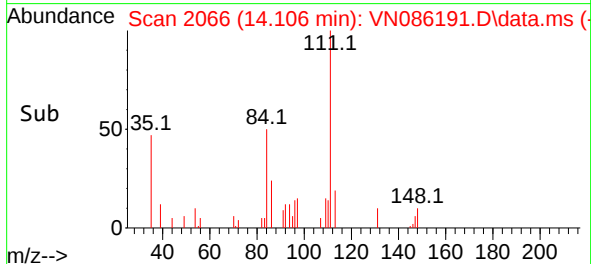
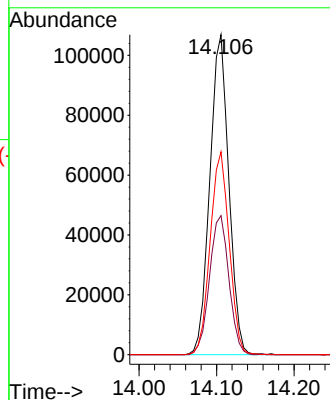
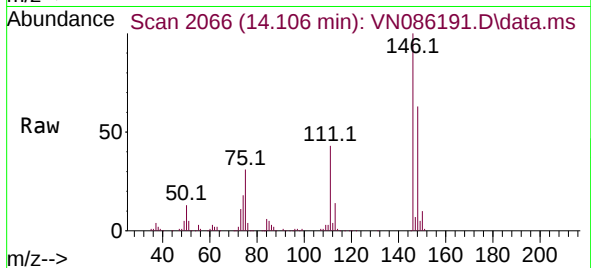




#91
1,2-Dichlorobenzene
Concen: 47.744 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

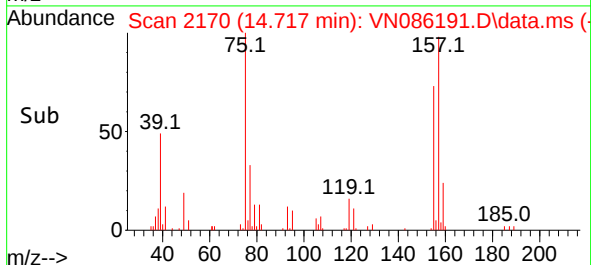
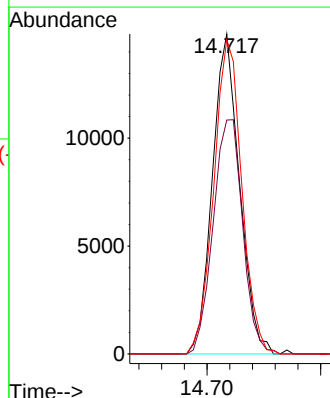
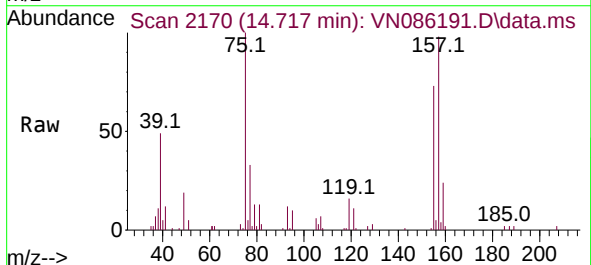
Instrument :
MSVOA_N
ClientSampleId :
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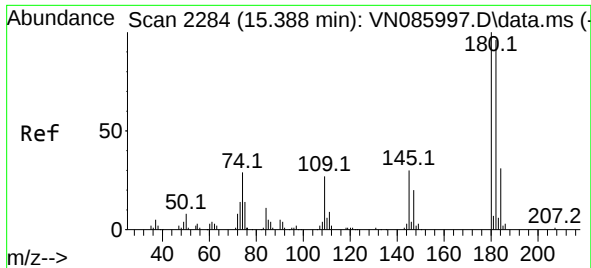
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.3	66.8
148	63.6	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.702 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	41.0	123.0
157	101.6	53.7	161.1

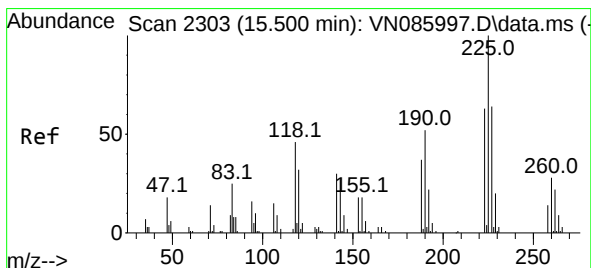
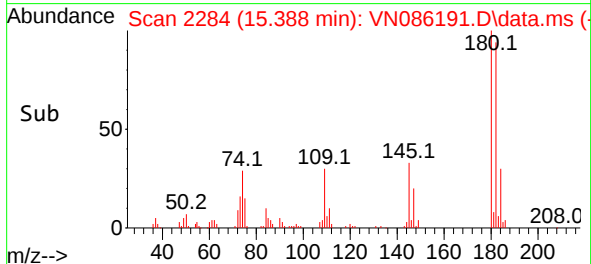
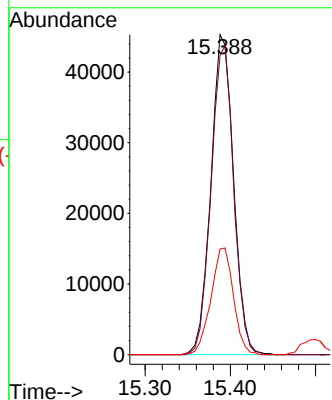
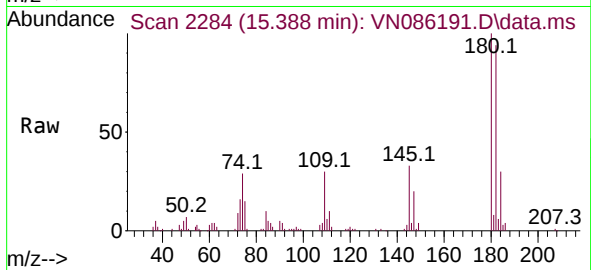




#93
1,2,4-Trichlorobenzene
Concen: 43.652 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

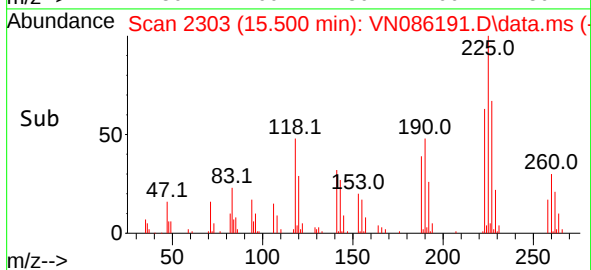
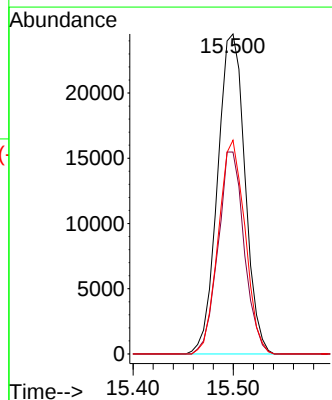
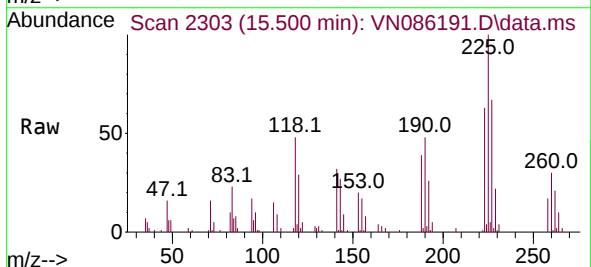
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

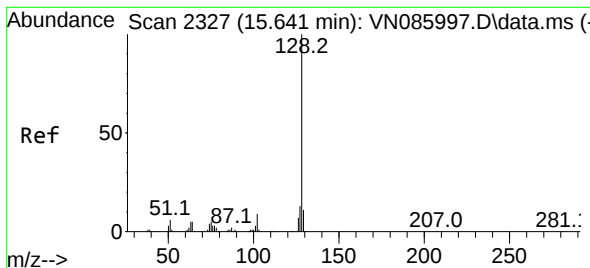
Tgt Ion:180 Resp: 83568
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.0
145 33.2 15.5 46.5



#94
Hexachlorobutadiene
Concen: 41.866 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086191.D
Acq: 01 Apr 2025 12:30

Tgt Ion:225 Resp: 46500
Ion Ratio Lower Upper
225 100
223 60.4 31.3 93.9
227 65.1 32.1 96.3





#95

Naphthalene

Concen: 45.041 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

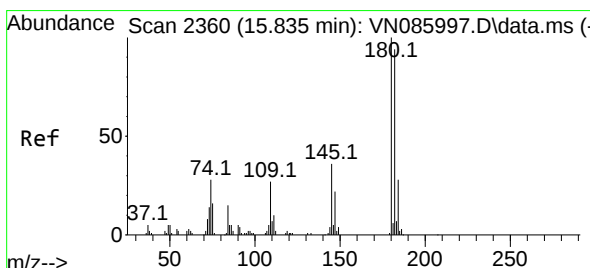
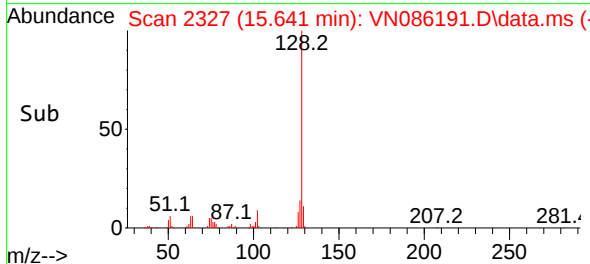
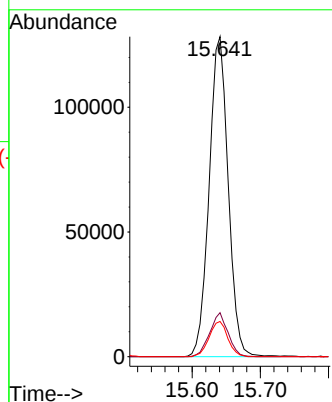
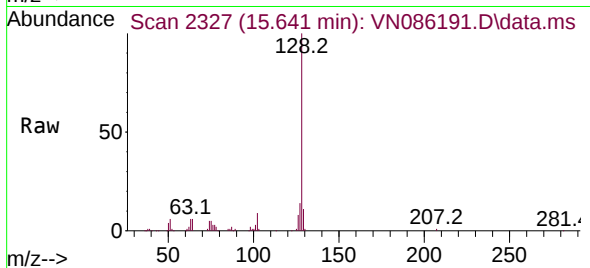
Tgt Ion:128 Resp: 249688

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.8 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 46.550 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086191.D

Acq: 01 Apr 2025 12:30

Tgt Ion:180 Resp: 84562

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

145 35.0 17.7 53.1

