

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
 Data File : VN086199.D
 Acq On : 01 Apr 2025 16:35
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 02 01:53:55 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	171295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122539	52.242	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.480%	
35) Dibromofluoromethane	8.165	113	89171	45.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.400%	
50) Toluene-d8	10.565	98	349205	48.772	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	12.847	95	141573	55.444	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	136457	60.130	ug/l	99
3) Chloromethane	2.365	50	114388	57.496	ug/l	99
4) Vinyl Chloride	2.518	62	125741	61.813	ug/l	100
5) Bromomethane	2.948	94	61714	44.539	ug/l	96
6) Chloroethane	3.118	64	74660	58.179	ug/l	95
7) Trichlorofluoromethane	3.500	101	198767	54.356	ug/l	96
8) Diethyl Ether	3.959	74	59132	52.822	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	102239	52.606	ug/l	98
10) Methyl Iodide	4.589	142	114283	45.129	ug/l	93
11) Tert butyl alcohol	5.518	59	70928	213.576	ug/l	99
12) 1,1-Dichloroethene	4.342	96	97144	55.355	ug/l	95
13) Acrolein	4.183	56	50101	141.445	ug/l	98
14) Allyl chloride	5.024	41	120212	54.908	ug/l	98
15) Acrylonitrile	5.712	53	219178	249.899	ug/l	98
16) Acetone	4.424	43	171822	239.772	ug/l	96
17) Carbon Disulfide	4.712	76	291182	50.453	ug/l	100
18) Methyl Acetate	5.024	43	138112	77.897	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	329699	57.333	ug/l	98
20) Methylene Chloride	5.271	84	112242	53.541	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	104293	54.380	ug/l	96
22) Diisopropyl ether	6.665	45	268553	57.562	ug/l	96
23) Vinyl Acetate	6.600	43	1014823	286.938	ug/l	99
24) 1,1-Dichloroethane	6.565	63	188716	55.007	ug/l	99
25) 2-Butanone	7.477	43	246064	237.968	ug/l	98
26) 2,2-Dichloropropane	7.488	77	182391	55.220	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	119781	54.961	ug/l	94
28) Bromochloromethane	7.812	49	77092	53.037	ug/l	96
29) Tetrahydrofuran	7.835	42	159278	249.508	ug/l	98
30) Chloroform	7.965	83	206584	54.477	ug/l	99
31) Cyclohexane	8.253	56	159647	54.624	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	200736	55.921	ug/l	99
36) 1,1-Dichloropropene	8.365	75	143121	55.095	ug/l	98
37) Ethyl Acetate	7.553	43	100293	45.764	ug/l	97
38) Carbon Tetrachloride	8.359	117	185945	54.441	ug/l	96
39) Methylcyclohexane	9.600	83	152474	59.161	ug/l	95
40) Benzene	8.606	78	441578	54.149	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	56423	53.918	ug/l	95
42) 1,2-Dichloroethane	8.665	62	158389	55.741	ug/l	98
43) Isopropyl Acetate	8.682	43	243310	51.234	ug/l #	89
44) Trichloroethene	9.347	130	112923	53.428	ug/l	94
45) 1,2-Dichloropropane	9.618	63	99807	53.811	ug/l	98
46) Dibromomethane	9.706	93	75900	52.034	ug/l	97
47) Bromodichloromethane	9.882	83	164916	54.097	ug/l	99
48) Methyl methacrylate	9.677	41	87546	55.865	ug/l	98
49) 1,4-Dioxane	9.688	88	35438	956.603	ug/l	89
51) 4-Methyl-2-Pentanone	10.441	43	558826	266.820	ug/l	98
52) Toluene	10.629	92	288824	57.707	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	170755	57.675	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	175231	56.098	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	102458	53.635	ug/l	99
56) Ethyl methacrylate	10.871	69	158464	52.621	ug/l	96
57) 1,3-Dichloropropane	11.159	76	177952	54.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	406252	333.135	ug/l	99
59) 2-Hexanone	11.194	43	412121	270.110	ug/l	98
60) Dibromochloromethane	11.353	129	126866	51.466	ug/l	97
61) 1,2-Dibromoethane	11.465	107	104143	53.103	ug/l	97
64) Tetrachloroethene	11.100	164	123175	57.854	ug/l	96
65) Chlorobenzene	11.888	112	313280	51.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	114006	50.216	ug/l	98
67) Ethyl Benzene	11.959	91	555301	56.840	ug/l	99
68) m/p-Xylenes	12.070	106	442729	115.299	ug/l	98
69) o-Xylene	12.394	106	211596	60.040	ug/l	98
70) Styrene	12.406	104	365920	60.789	ug/l	99
71) Bromoform	12.576	173	88737	46.756	ug/l #	99
73) Isopropylbenzene	12.694	105	536643	50.946	ug/l	100
74) N-amyl acetate	12.494	43	176433	50.064	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	135862	38.124	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	205404	59.479	ug/l	81
77) Bromobenzene	12.976	156	133615	45.491	ug/l	96
78) n-propylbenzene	13.029	91	633061	53.075	ug/l	98
79) 2-Chlorotoluene	13.123	91	405206	51.146	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	480562	54.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	54489	41.715	ug/l	90
82) 4-Chlorotoluene	13.217	91	420544	51.618	ug/l	100
83) tert-Butylbenzene	13.435	119	392239	51.569	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	498491	55.573	ug/l	98
85) sec-Butylbenzene	13.612	105	545702	54.996	ug/l	98
86) p-Isopropyltoluene	13.723	119	480671	57.226	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	264876	50.031	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	268278	48.230	ug/l	97
89) n-Butylbenzene	14.053	91	409183	59.822	ug/l	99
90) Hexachloroethane	14.329	117	77934	40.211	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	261080	49.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34251	48.149	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	136230	51.479	ug/l	98
94) Hexachlorobutadiene	15.500	225	71428	46.523	ug/l	99
95) Naphthalene	15.635	128	413222	53.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	129014	51.378	ug/l	100

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ClientSampleId :
VSTDCCC050EC

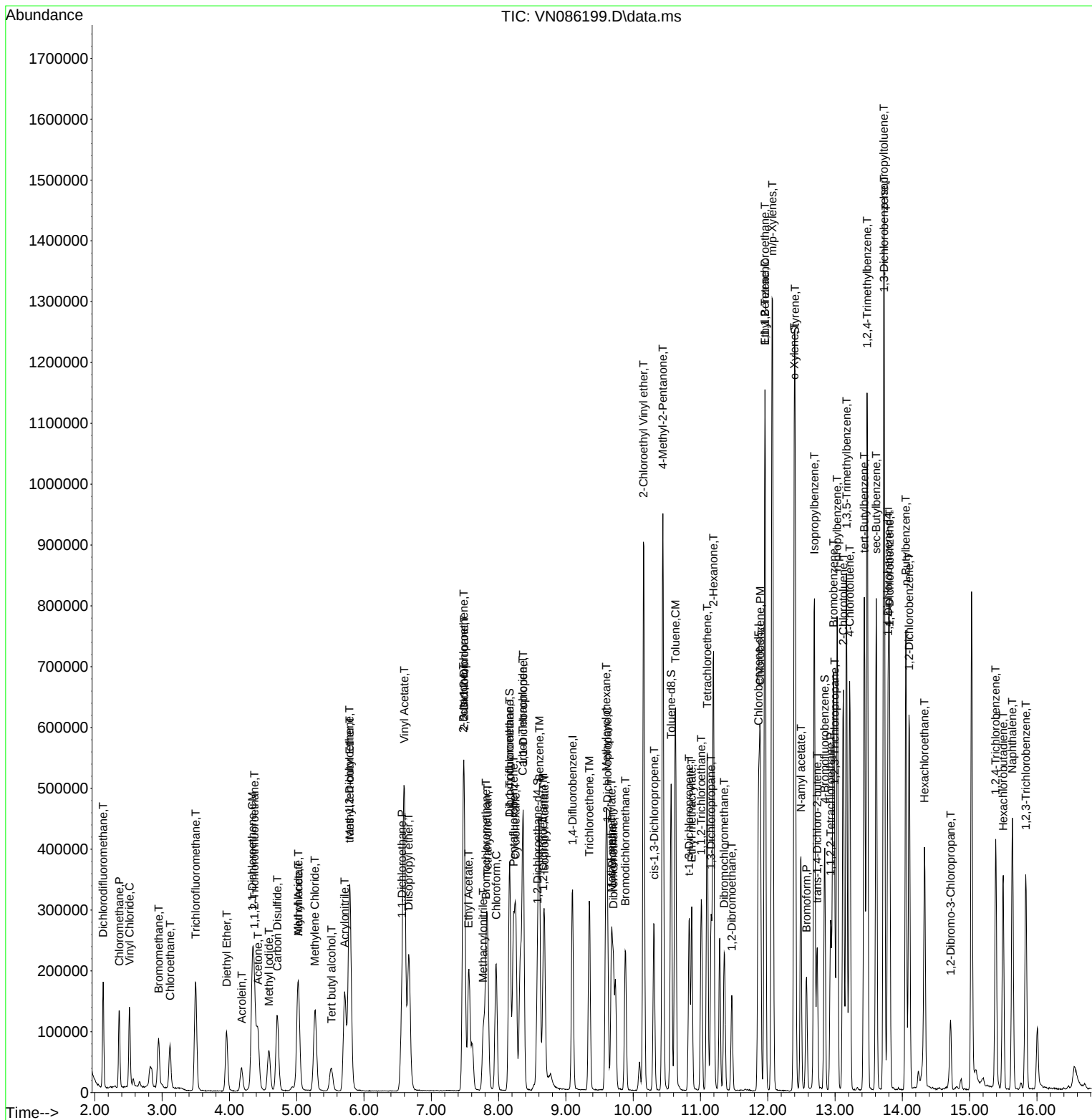
Quant Time: Apr 02 01:53:55 2025
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QLast Update : Wed Mar 19 03:20:56 2025
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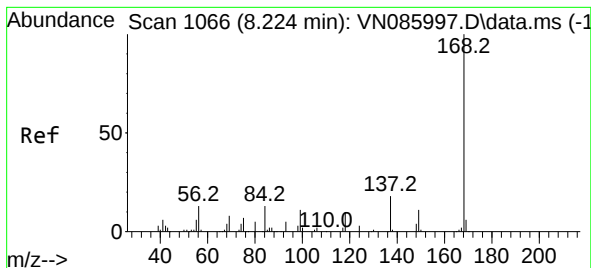
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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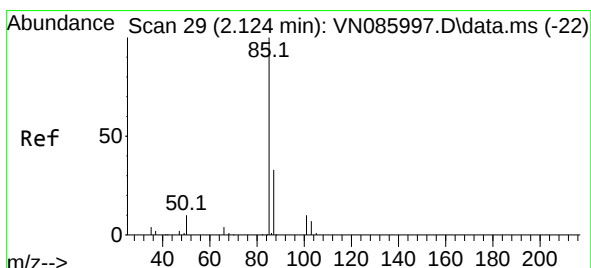
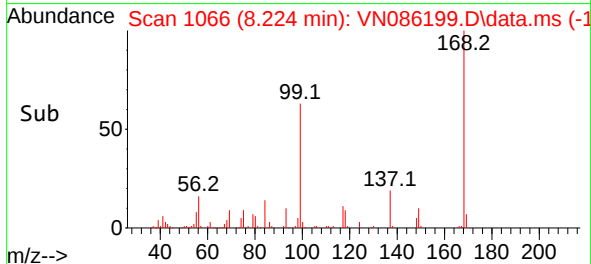
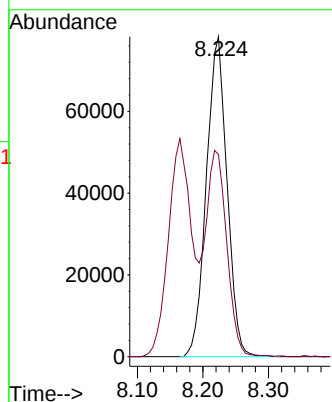
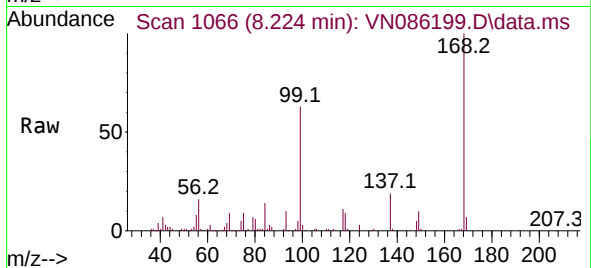




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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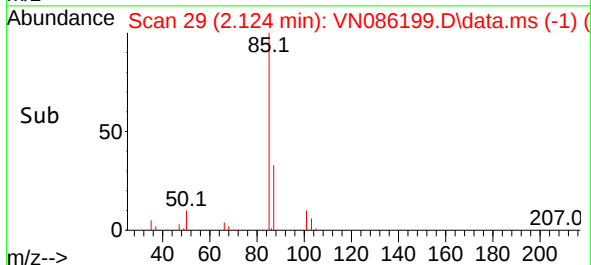
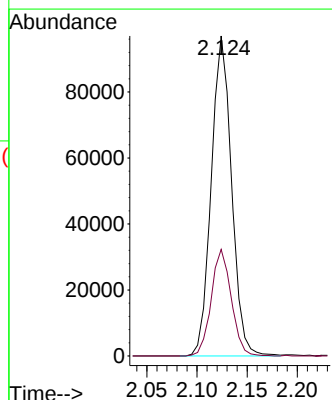
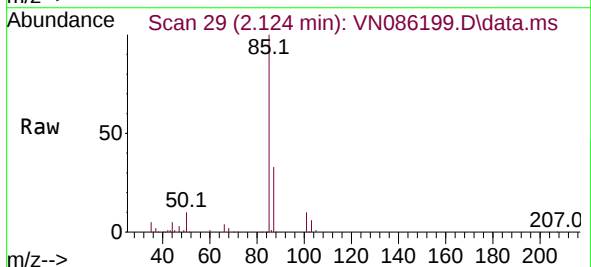
Instrument :
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ClientSampleId :
VSTDCCC050EC

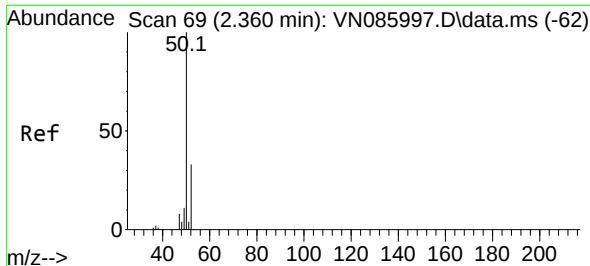
Tgt Ion:168 Resp: 171295
Ion Ratio Lower Upper
168 100
99 62.9 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 60.130 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 85 Resp: 136457
Ion Ratio Lower Upper
85 100
87 33.3 16.5 49.5

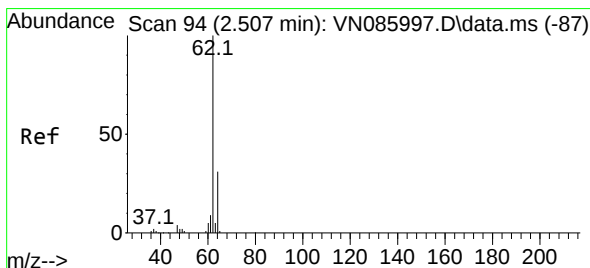
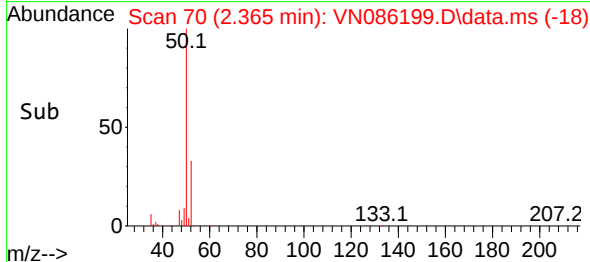
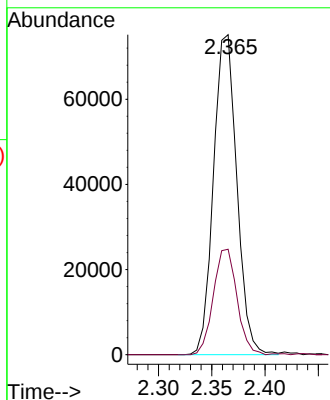
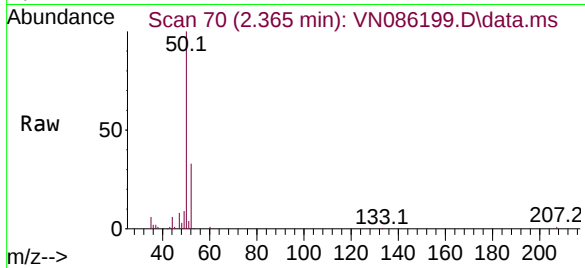




#3
Chloromethane
Concen: 57.496 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

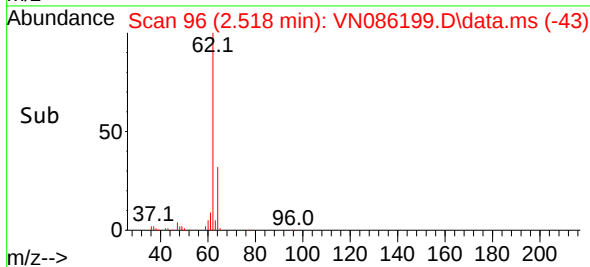
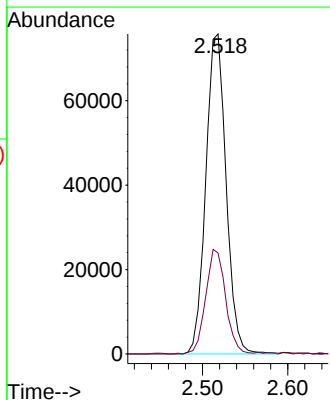
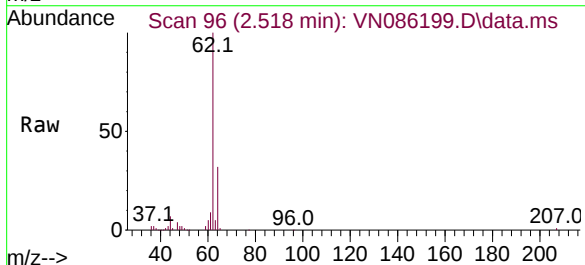
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VSTDCCC050EC

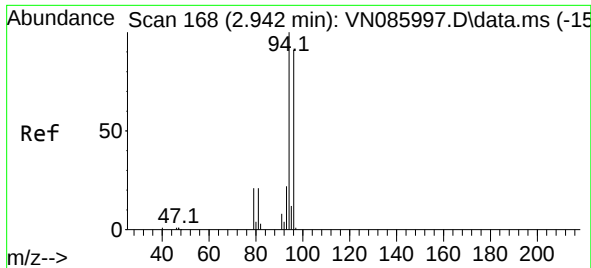
Tgt Ion: 50 Resp: 114388
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0



#4
Vinyl Chloride
Concen: 61.813 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.012 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 62 Resp: 125741
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8

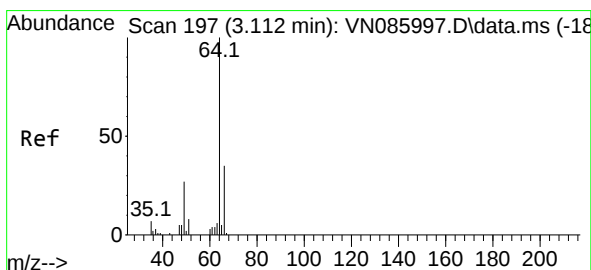
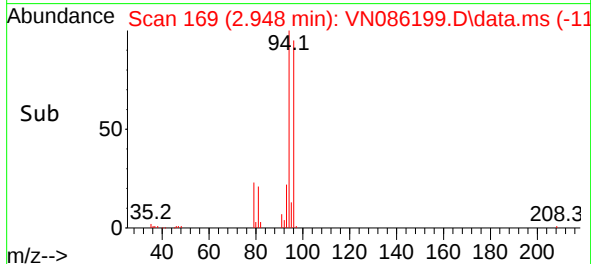
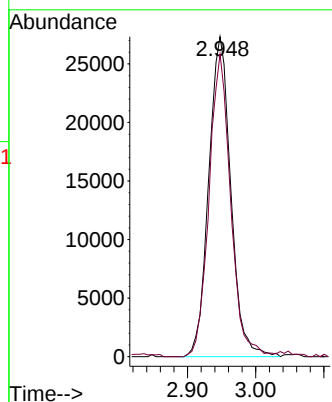
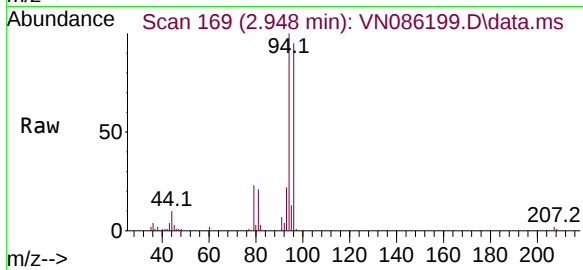




#5
Bromomethane
Concen: 44.539 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086199.D
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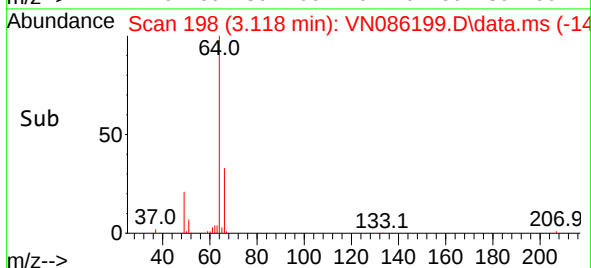
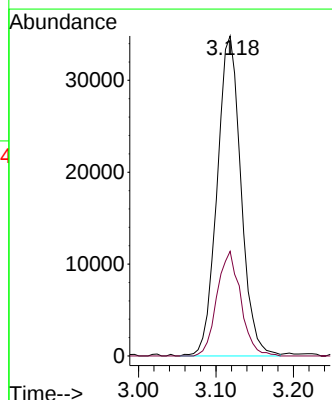
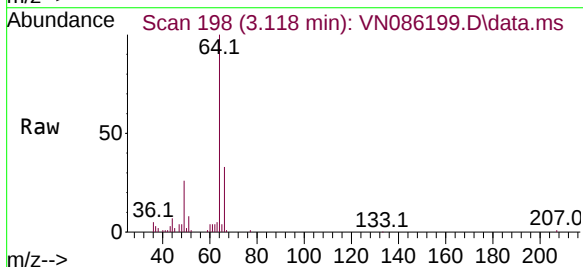
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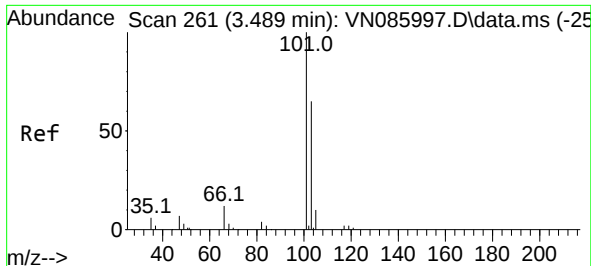
Tgt Ion: 94 Resp: 61714
Ion Ratio Lower Upper
94 100
96 94.6 72.8 109.2



#6
Chloroethane
Concen: 58.179 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 64 Resp: 74660
Ion Ratio Lower Upper
64 100
66 32.7 28.3 42.5

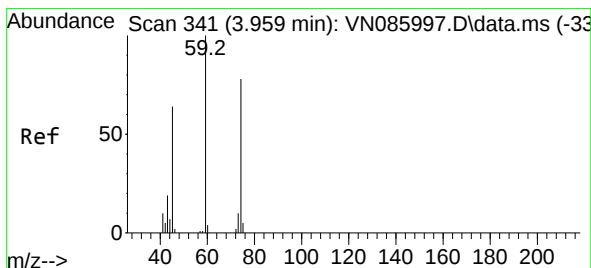
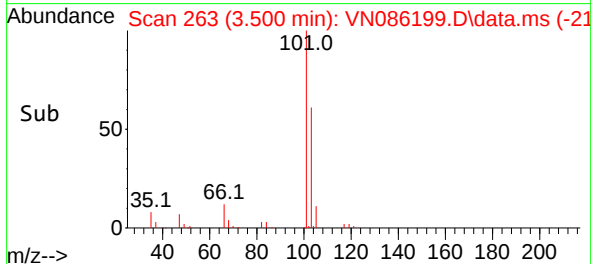
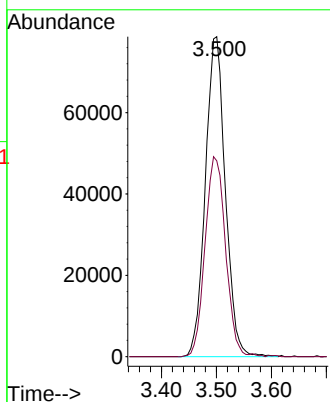
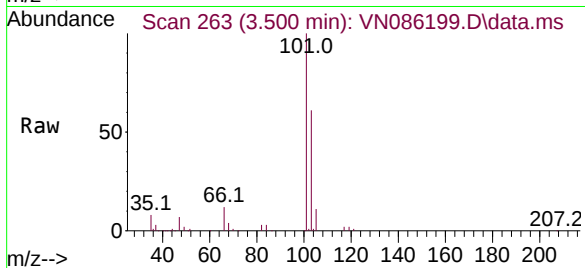




#7
Trichlorofluoromethane
Concen: 54.356 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.012 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

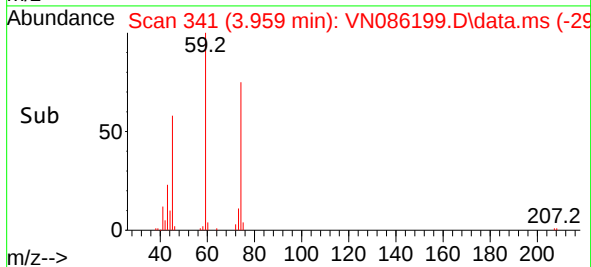
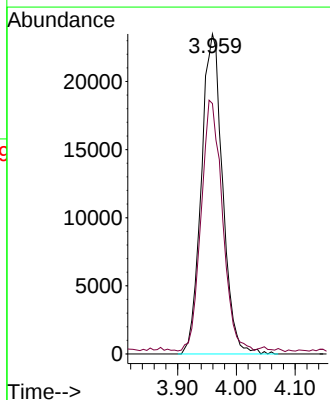
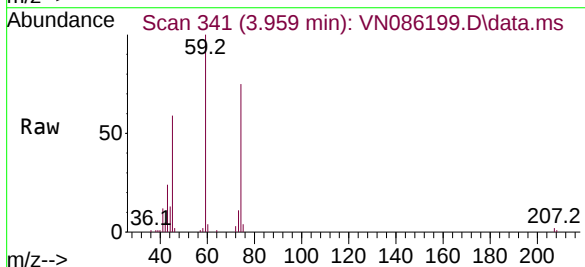
Instrument :
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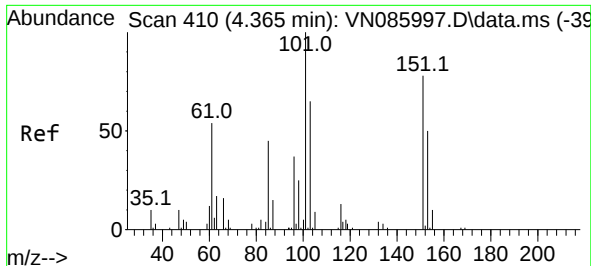
Tgt Ion:101 Resp: 198767
Ion Ratio Lower Upper
101 100
103 61.2 51.7 77.5



#8
Diethyl Ether
Concen: 52.822 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 74 Resp: 59132
Ion Ratio Lower Upper
74 100
45 78.1 38.0 113.9

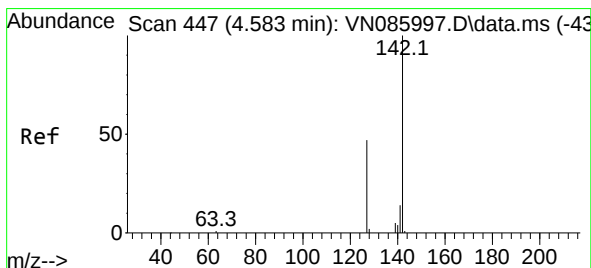
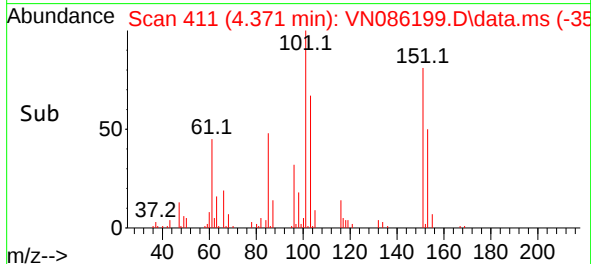
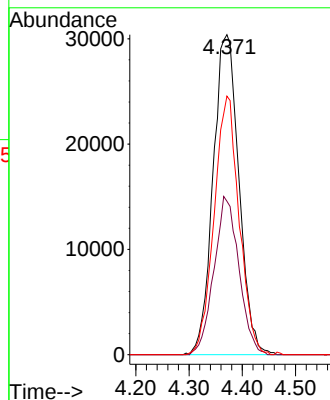
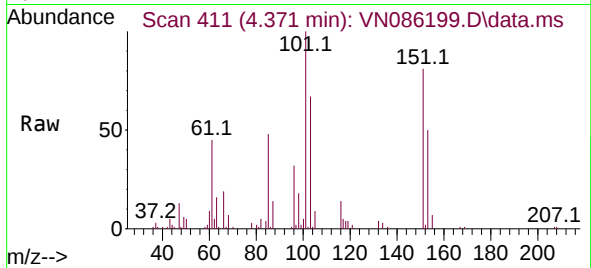




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.606 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

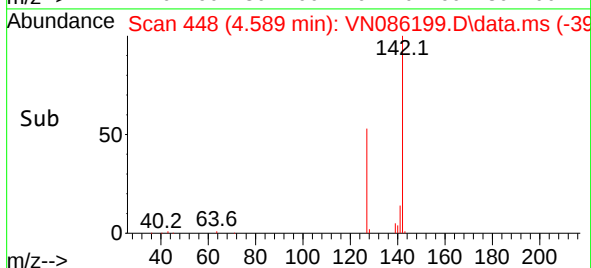
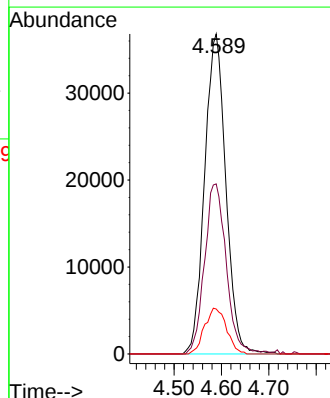
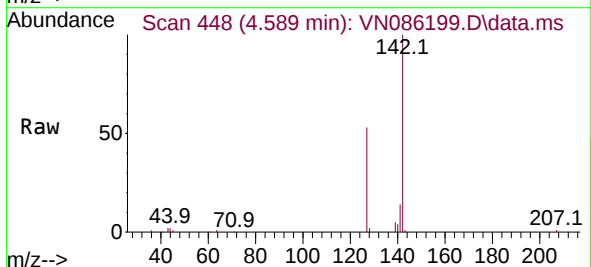
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

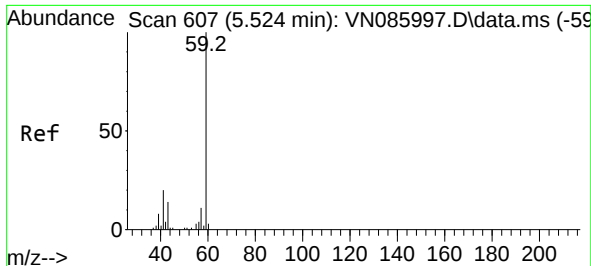
Tgt Ion:101 Resp: 102239
Ion Ratio Lower Upper
101 100
85 47.8 36.5 54.7
151 78.3 63.4 95.0



#10
Methyl Iodide
Concen: 45.129 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion:142 Resp: 114283
Ion Ratio Lower Upper
142 100
127 53.2 37.5 56.3
141 14.1 11.0 16.6

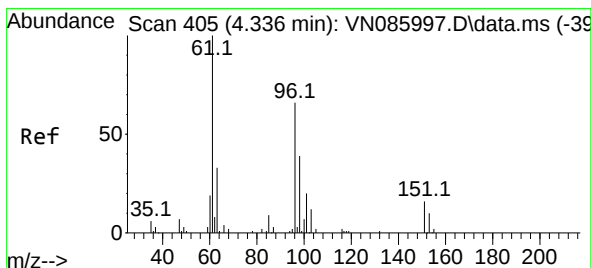
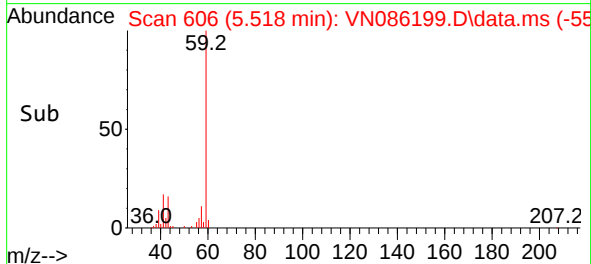
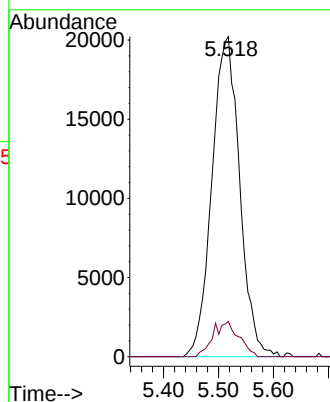
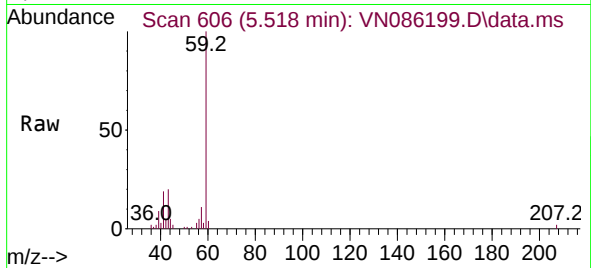




#11
Tert butyl alcohol
Concen: 213.576 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

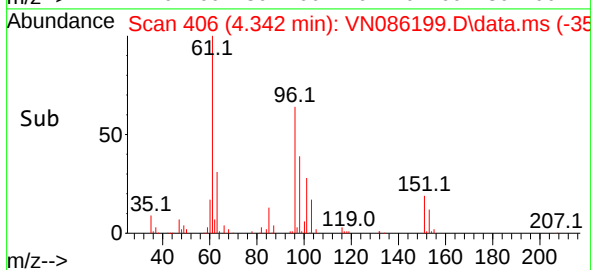
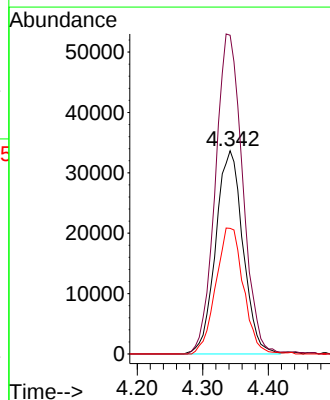
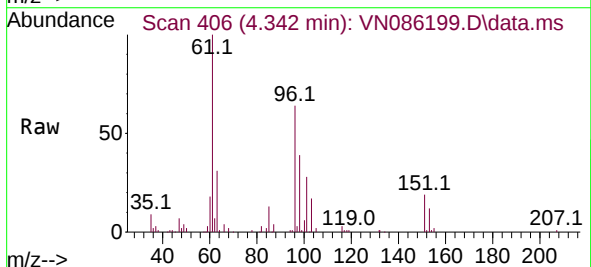
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

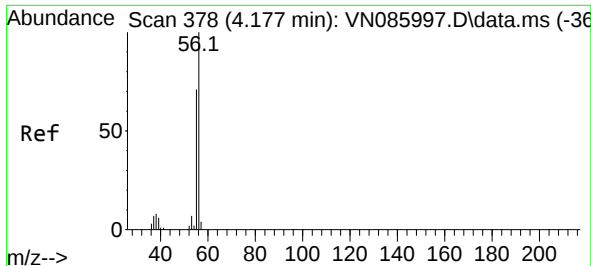
Tgt Ion: 59 Resp: 70928
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9



#12
1,1-Dichloroethene
Concen: 55.355 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 96 Resp: 97144
Ion Ratio Lower Upper
96 100
61 156.9 120.5 180.7
98 61.9 47.4 71.0





#13

Acrolein

Concen: 141.445 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

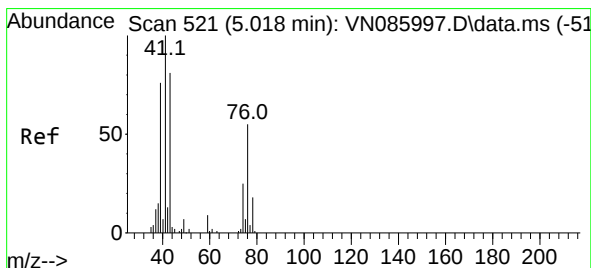
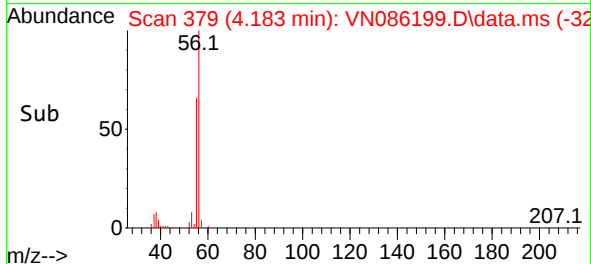
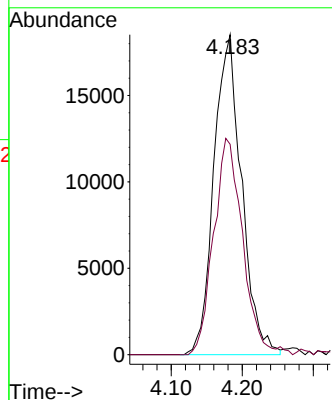
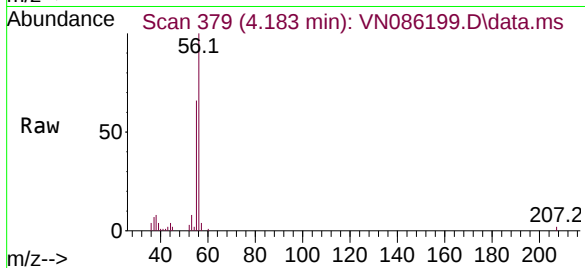
VSTDCCC050EC

Tgt Ion: 56 Resp: 50101

Ion Ratio Lower Upper

56 100

55 70.9 55.1 82.7



#14

Allyl chloride

Concen: 54.908 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

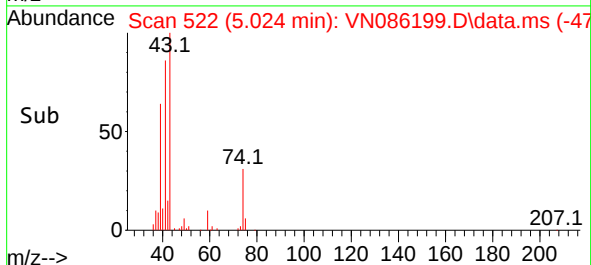
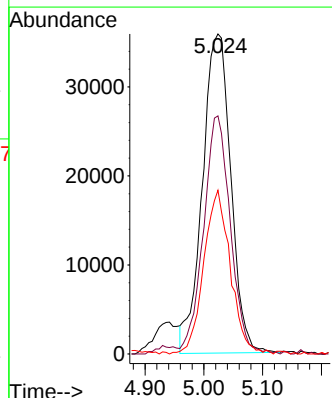
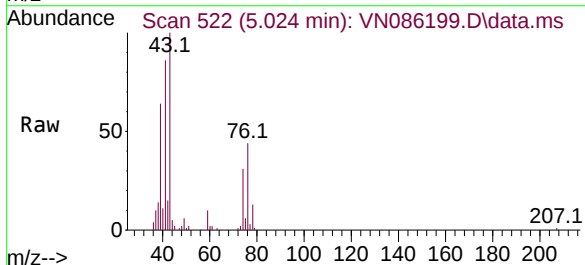
Tgt Ion: 41 Resp: 120212

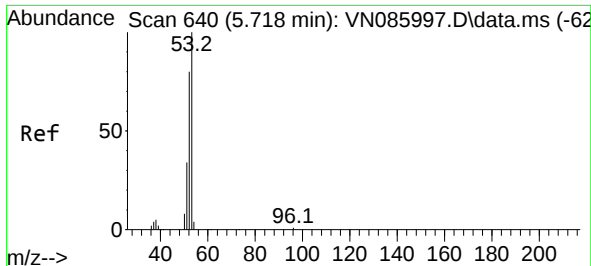
Ion Ratio Lower Upper

41 100

39 70.9 55.5 83.3

76 48.0 39.1 58.7

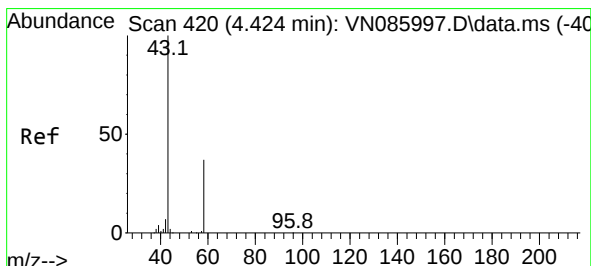
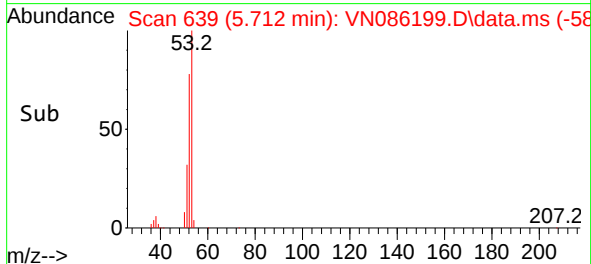
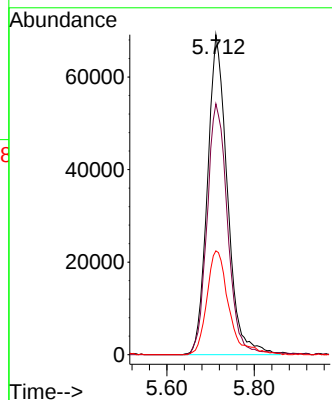
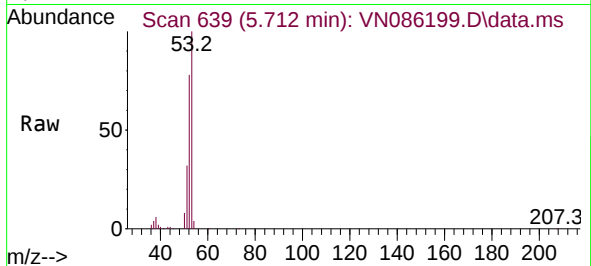




#15
Acrylonitrile
Concen: 249.899 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

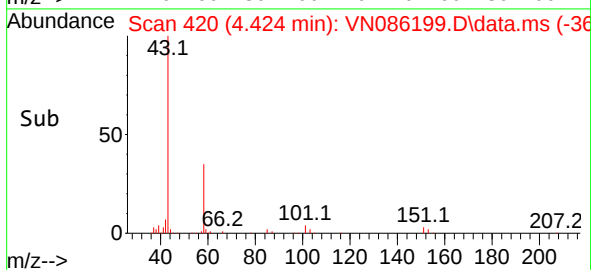
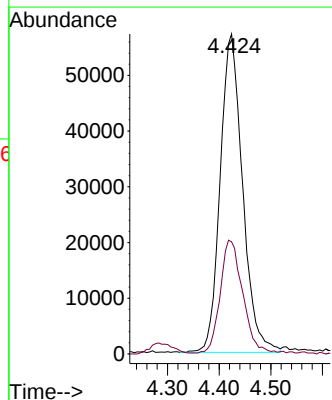
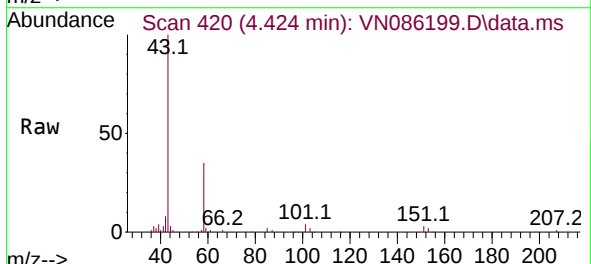
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

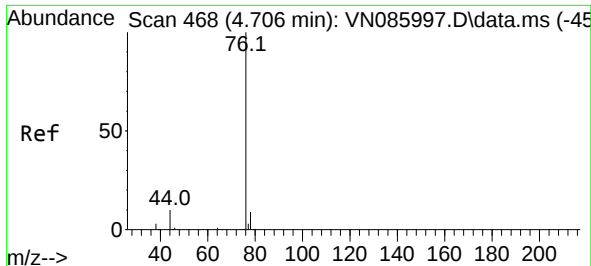
Tgt Ion: 53 Resp: 219178
Ion Ratio Lower Upper
53 100
52 81.1 63.9 95.9
51 35.8 27.1 40.7



#16
Acetone
Concen: 239.772 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 43 Resp: 171822
Ion Ratio Lower Upper
43 100
58 34.5 29.4 44.2

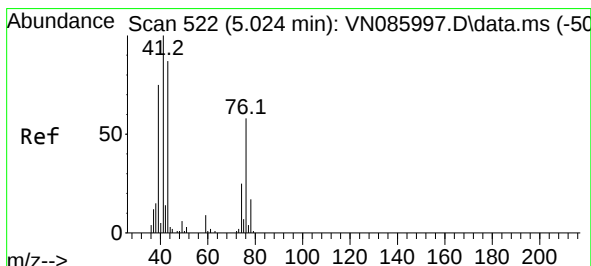
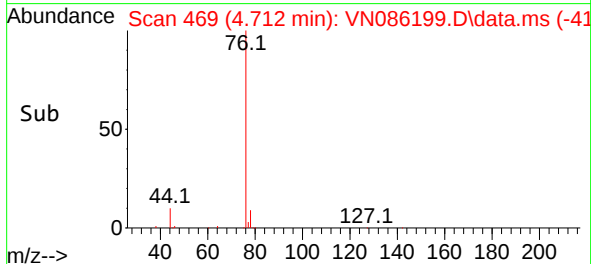
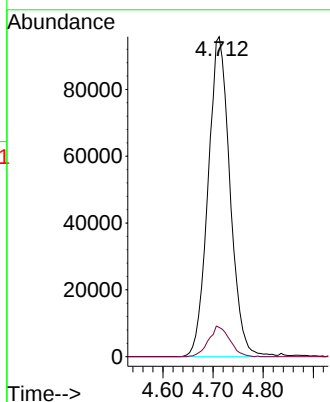
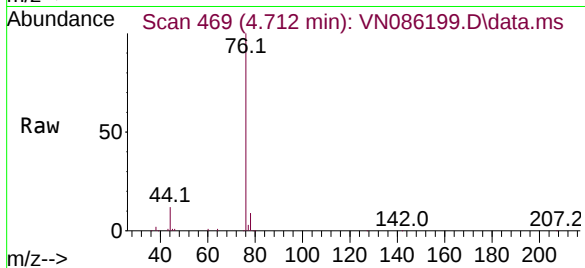




#17
Carbon Disulfide
Concen: 50.453 ug/l
RT: 4.712 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

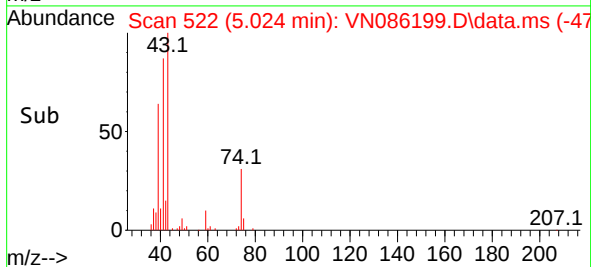
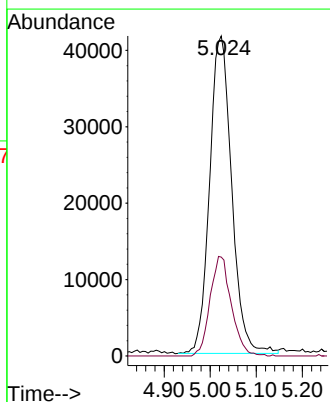
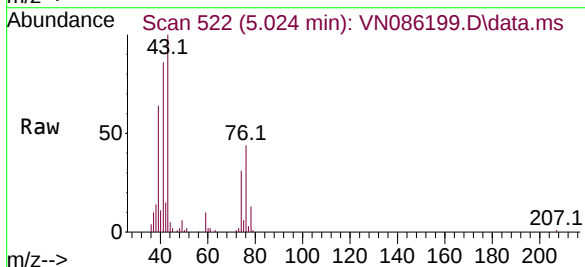
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

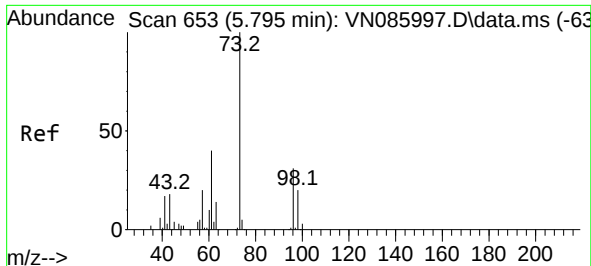
Tgt Ion: 76 Resp: 291182
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 77.897 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 43 Resp: 138112
Ion Ratio Lower Upper
43 100
74 30.2 23.9 35.9

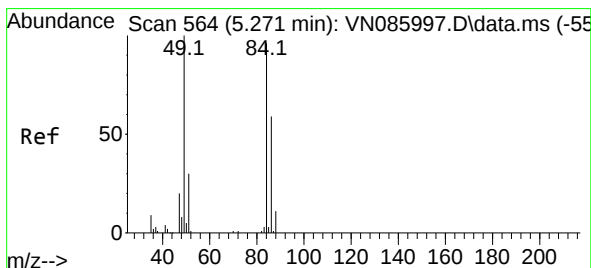
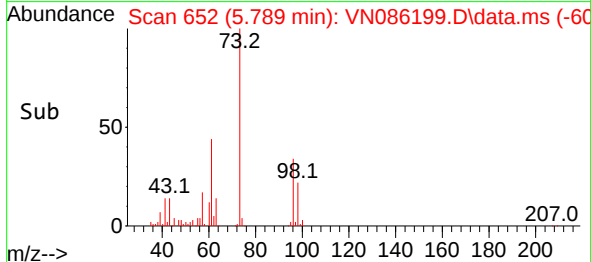
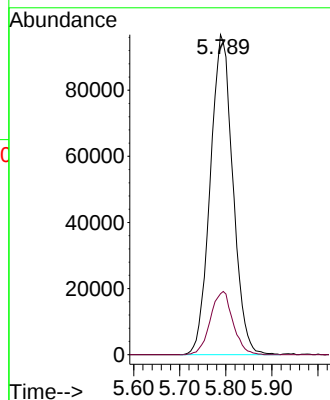
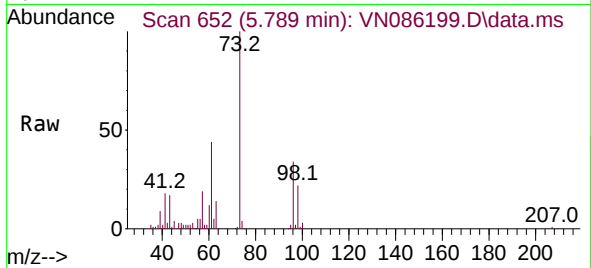




#19
Methyl tert-butyl Ether
Concen: 57.333 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

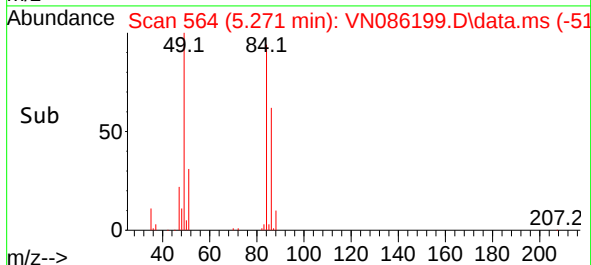
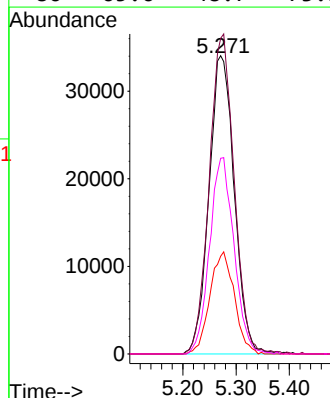
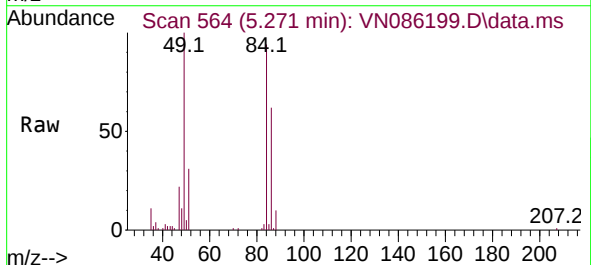
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

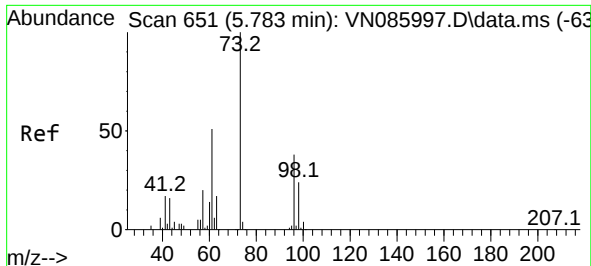
Tgt Ion: 73 Resp: 329699
Ion Ratio Lower Upper
73 100
57 19.0 16.1 24.1



#20
Methylene Chloride
Concen: 53.541 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 84 Resp: 112242
Ion Ratio Lower Upper
84 100
49 105.9 83.3 124.9
51 32.8 24.8 37.2
86 65.6 48.7 73.1

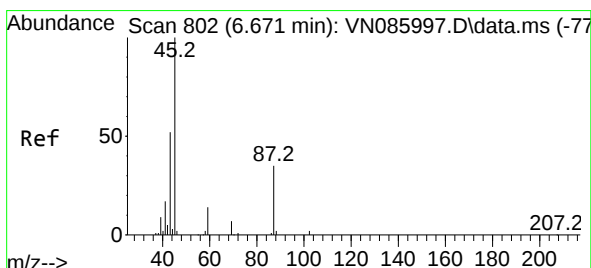
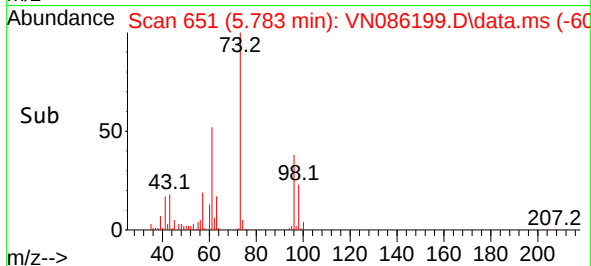
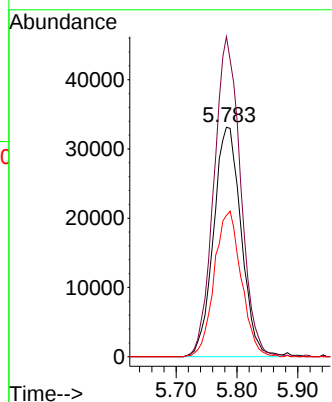
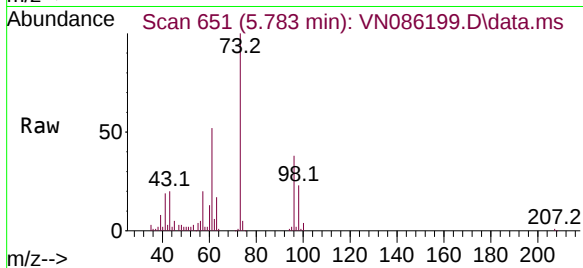




#21
trans-1,2-Dichloroethene
Concen: 54.380 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

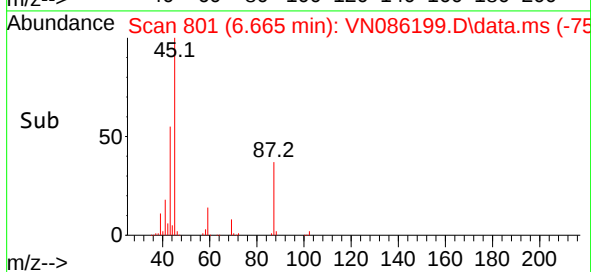
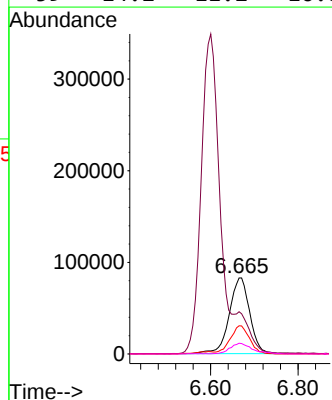
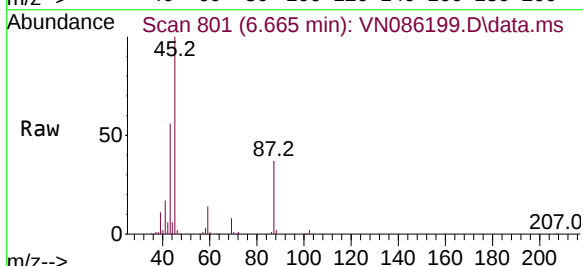
Instrument :
MSVOA_N
ClientSampleId :
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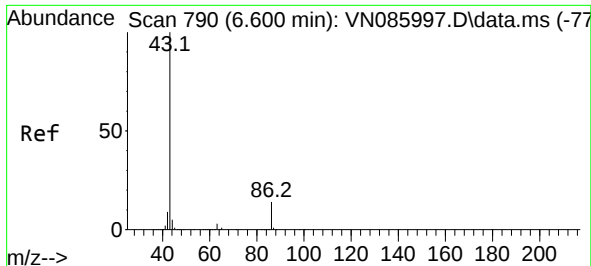
Tgt Ion: 96 Resp: 104293
Ion Ratio Lower Upper
96 100
61 139.4 106.6 160.0
98 61.5 50.0 75.0



#22
Diisopropyl ether
Concen: 57.562 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 45 Resp: 268553
Ion Ratio Lower Upper
45 100
43 55.0 41.2 61.8
87 37.0 28.5 42.7
59 14.2 11.2 16.8

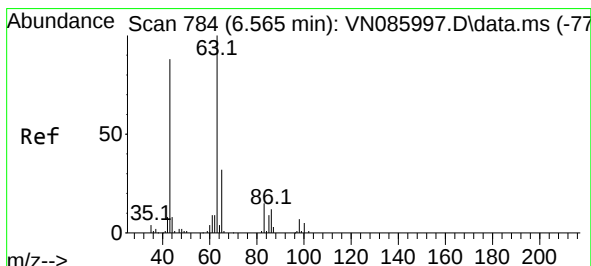
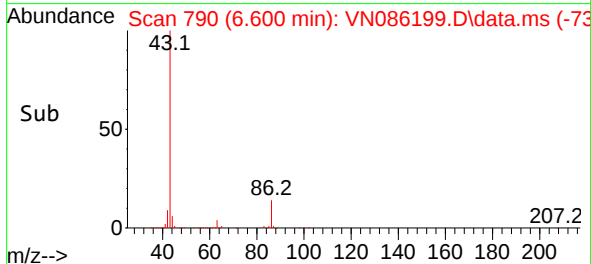
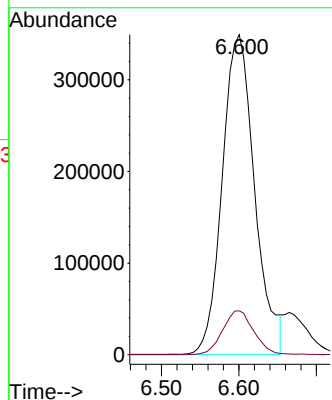
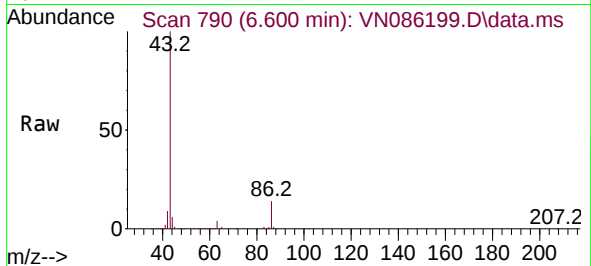




#23
 Vinyl Acetate
 Concen: 286.938 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086199.D
 Acq: 01 Apr 2025 16:35

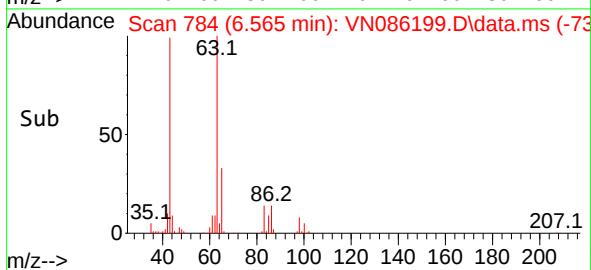
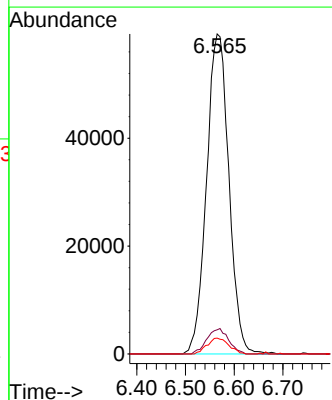
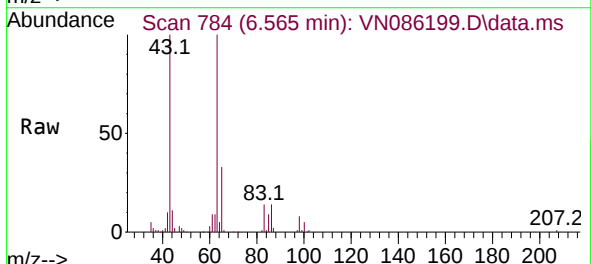
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

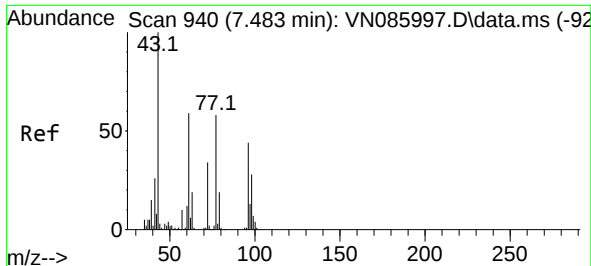
Tgt Ion: 43 Resp: 1014823
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 55.007 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086199.D
 Acq: 01 Apr 2025 16:35

Tgt Ion: 63 Resp: 188716
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 237.968 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

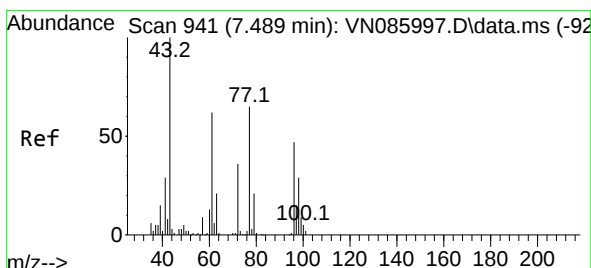
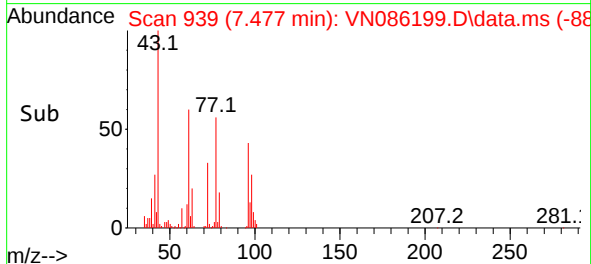
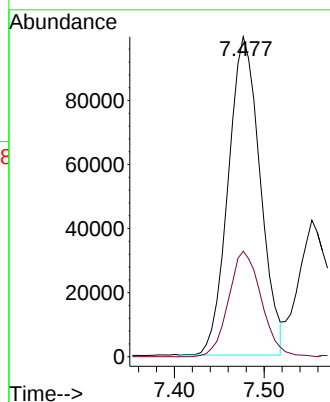
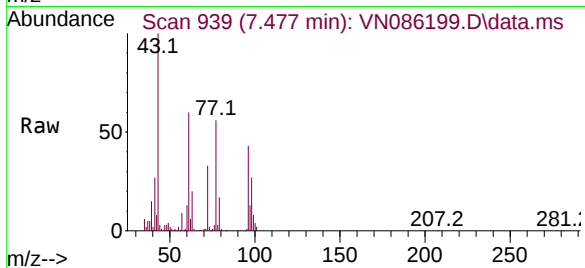
VSTDCCC050EC

Tgt Ion: 43 Resp: 246064

Ion Ratio Lower Upper

43 100

72 33.1 27.4 41.0



#26

2,2-Dichloropropane

Concen: 55.220 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN086199.D

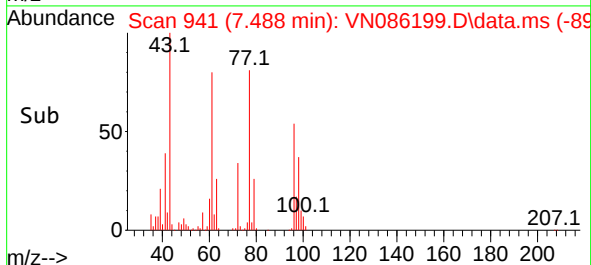
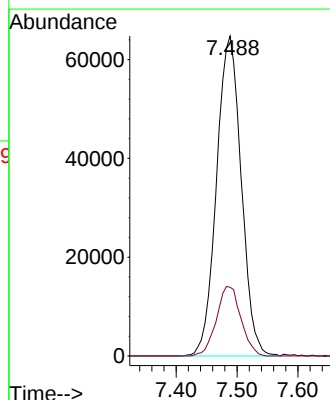
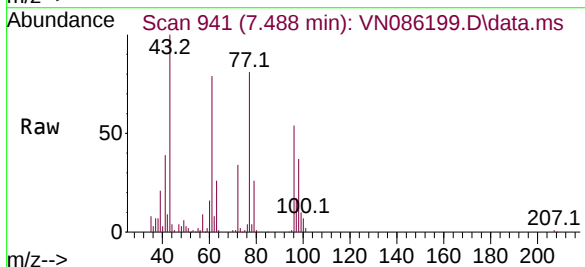
Acq: 01 Apr 2025 16:35

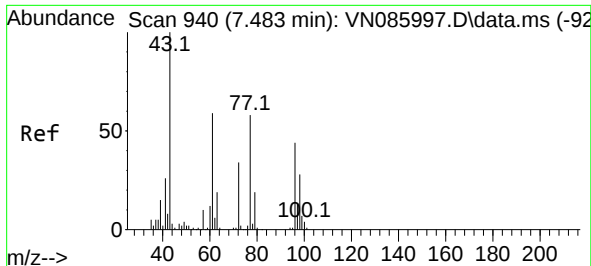
Tgt Ion: 77 Resp: 182391

Ion Ratio Lower Upper

77 100

97 21.5 11.2 33.5

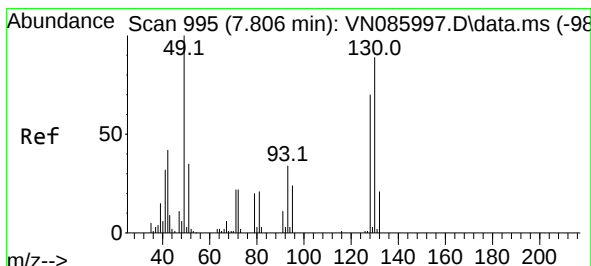
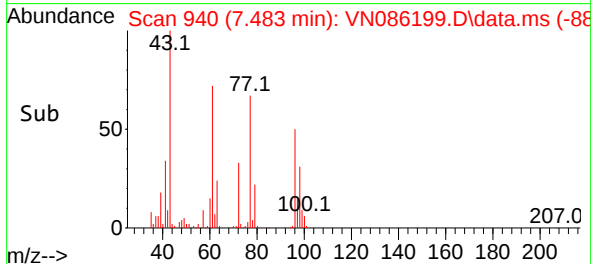
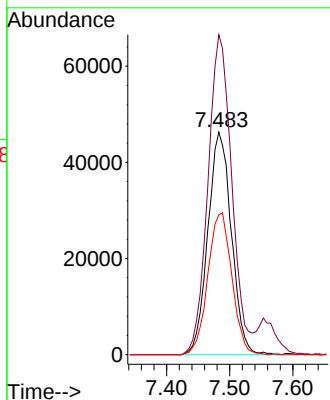
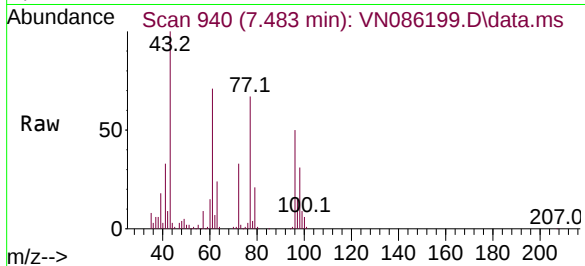




#27
 cis-1,2-Dichloroethene
 Concen: 54.961 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086199.D
 Acq: 01 Apr 2025 16:35

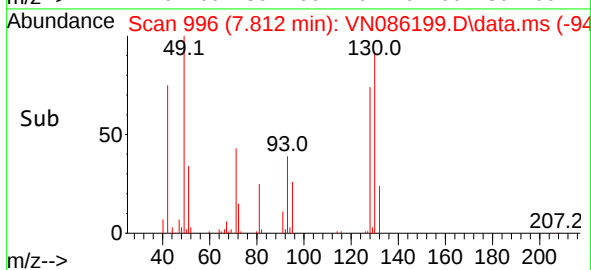
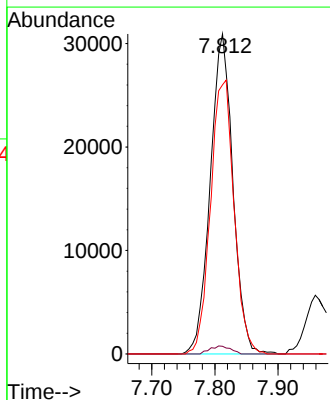
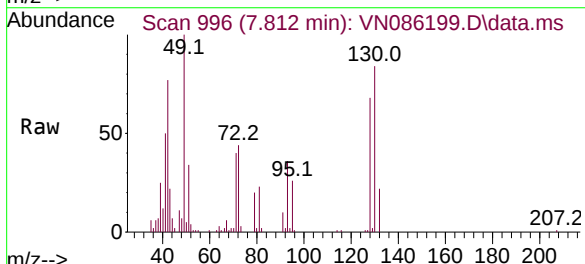
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

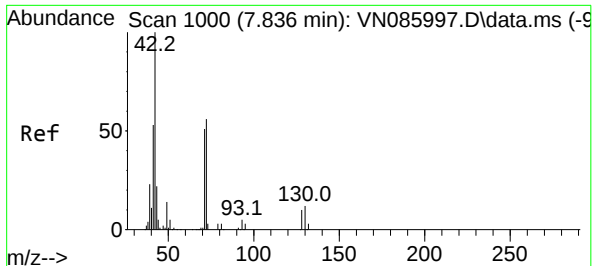
Tgt Ion: 96 Resp: 119781
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 272.8
 98 65.1 0.0 124.8



#28
 Bromochloromethane
 Concen: 53.037 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086199.D
 Acq: 01 Apr 2025 16:35

Tgt Ion: 49 Resp: 77092
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 88.6 74.2 111.4





#29

Tetrahydrofuran

Concen: 249.508 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

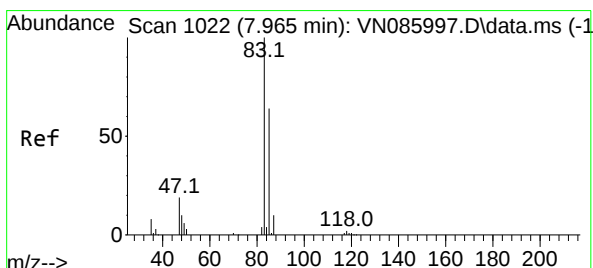
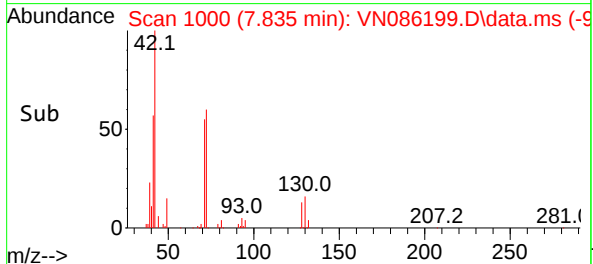
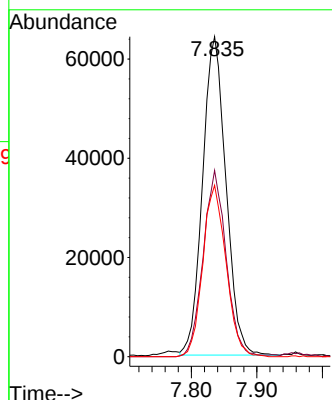
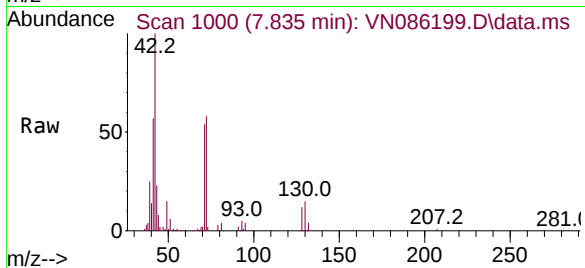
Tgt Ion: 42 Resp: 159278

Ion Ratio Lower Upper

42 100

72 57.6 45.0 67.4

71 53.5 41.9 62.9



#30

Chloroform

Concen: 54.477 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086199.D

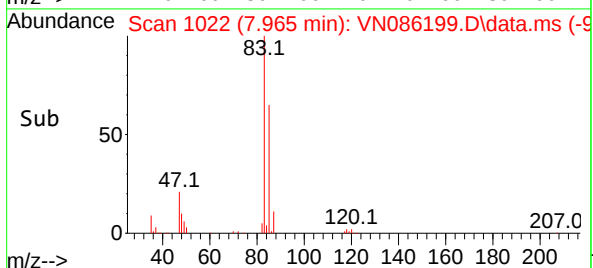
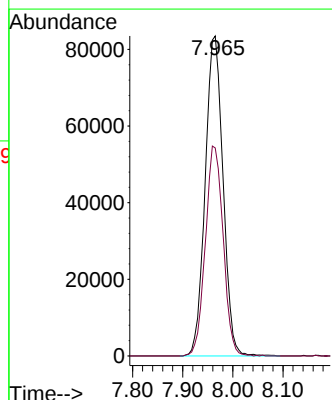
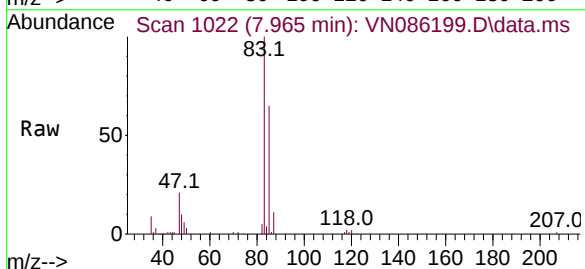
Acq: 01 Apr 2025 16:35

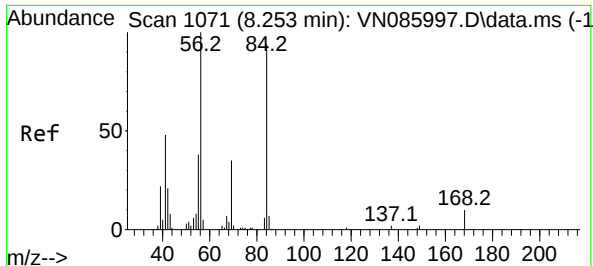
Tgt Ion: 83 Resp: 206584

Ion Ratio Lower Upper

83 100

85 65.0 51.5 77.3

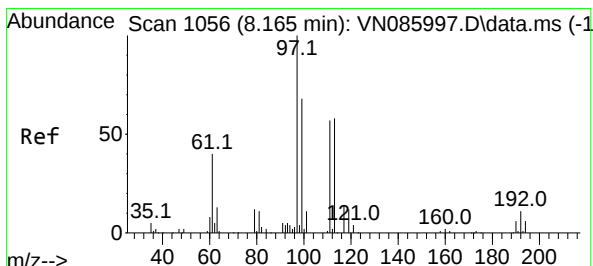
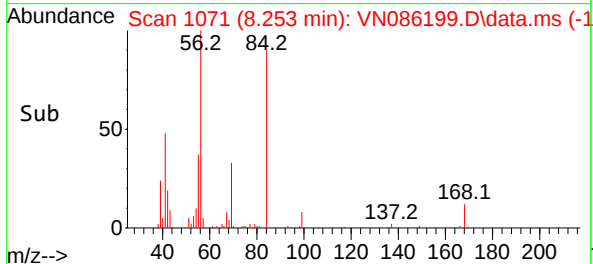
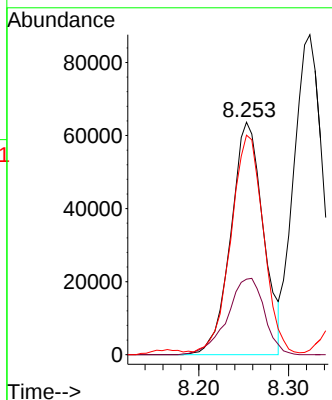
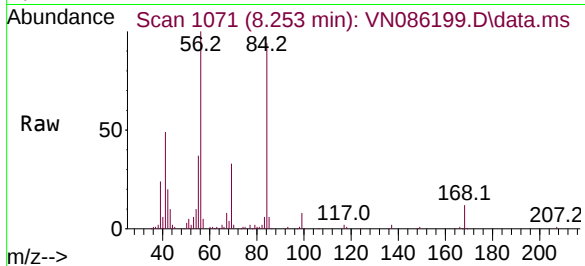




#31
Cyclohexane
Concen: 54.624 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

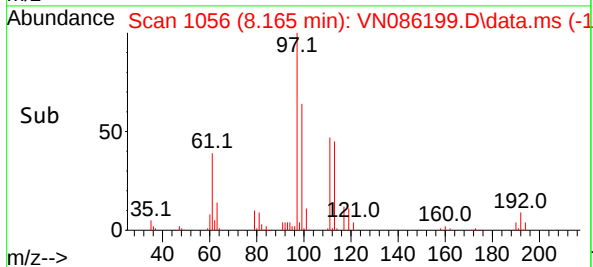
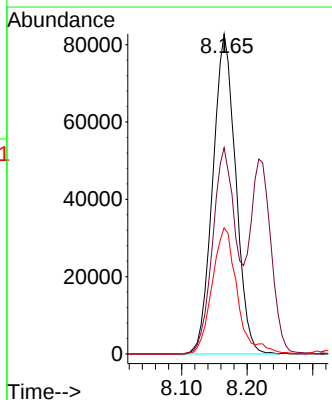
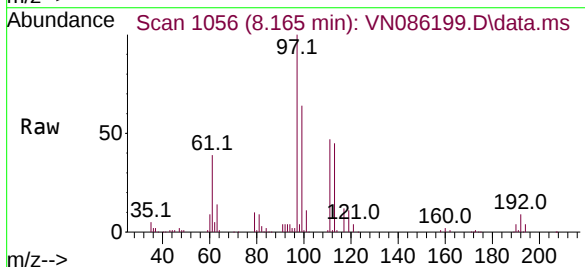
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

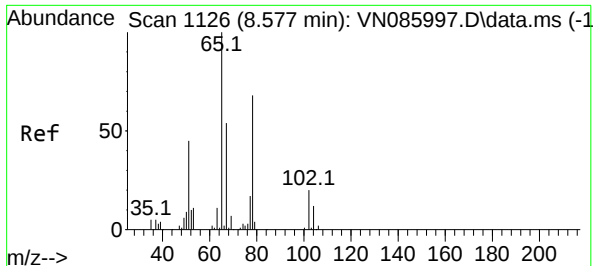
Tgt Ion: 56 Resp: 159647
Ion Ratio Lower Upper
56 100
69 32.5 28.0 42.0
84 92.6 75.0 112.6



#32
1,1,1-Trichloroethane
Concen: 55.921 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 97 Resp: 200736
Ion Ratio Lower Upper
97 100
99 66.2 52.8 79.2
61 43.1 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 52.242 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

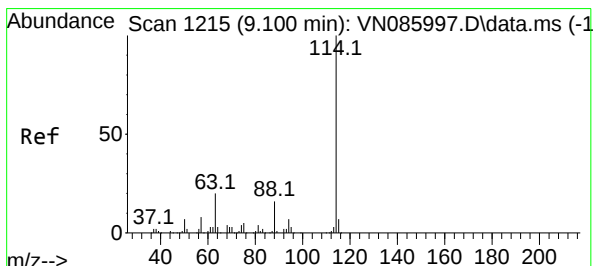
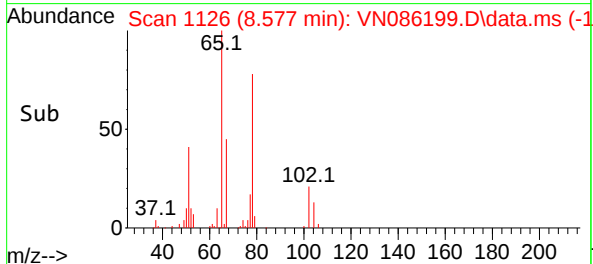
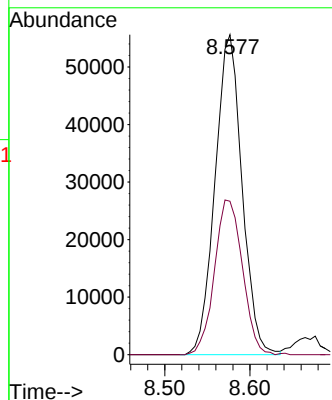
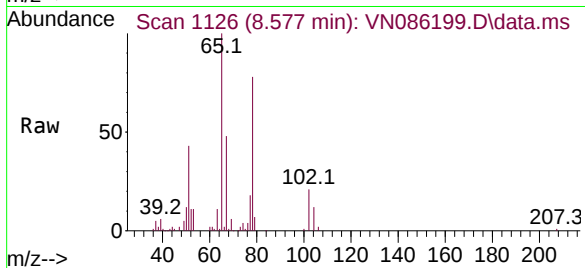
VSTDCCC050EC

Tgt Ion: 65 Resp: 122539

Ion Ratio Lower Upper

65 100

67 50.1 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: VN086199.D

Acq: 01 Apr 2025 16:35

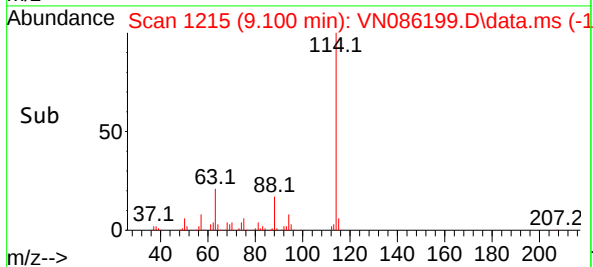
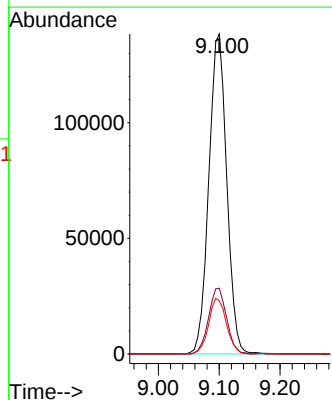
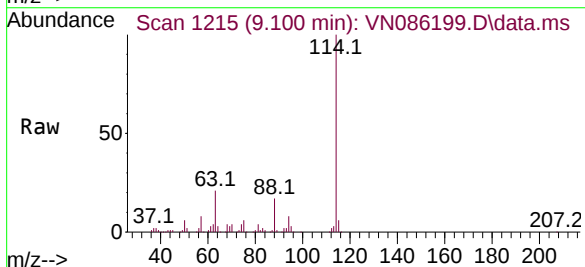
Tgt Ion: 114 Resp: 282644

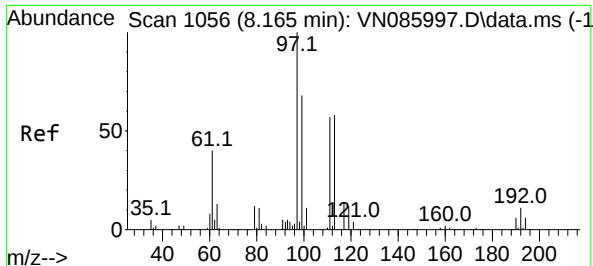
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.200 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

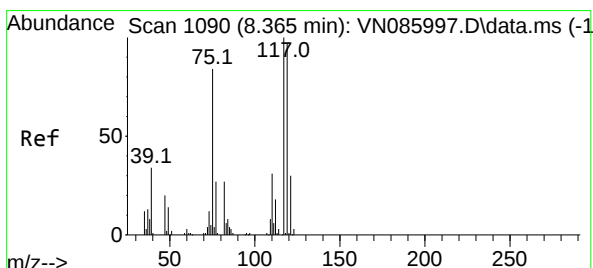
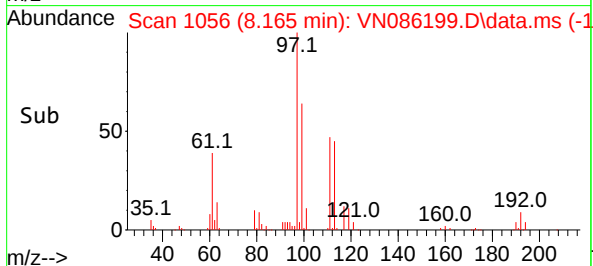
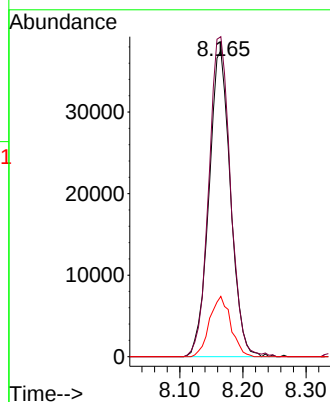
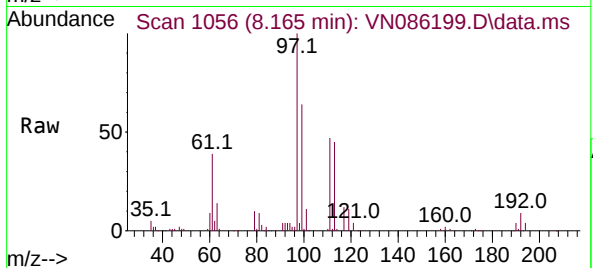
Tgt Ion:113 Resp: 89171

Ion Ratio Lower Upper

113 100

111 105.4 81.8 122.8

192 19.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 55.095 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

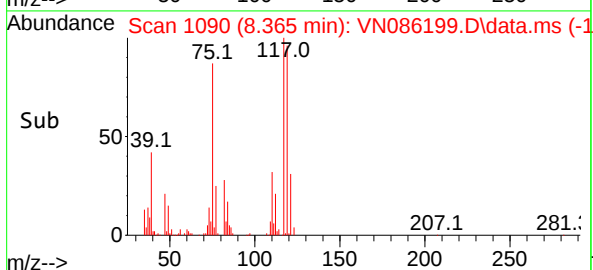
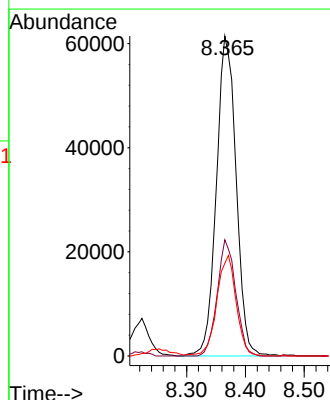
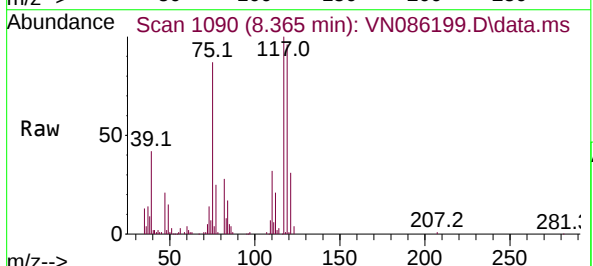
Tgt Ion: 75 Resp: 143121

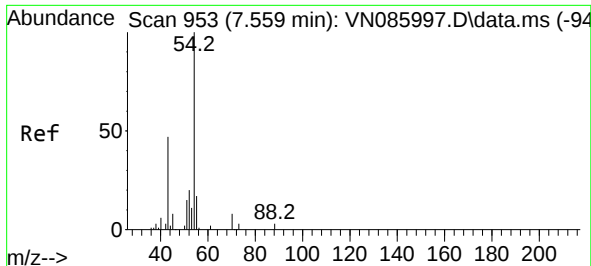
Ion Ratio Lower Upper

75 100

110 34.1 17.8 53.3

77 30.9 25.0 37.4

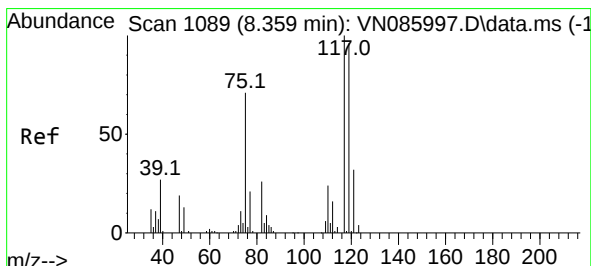
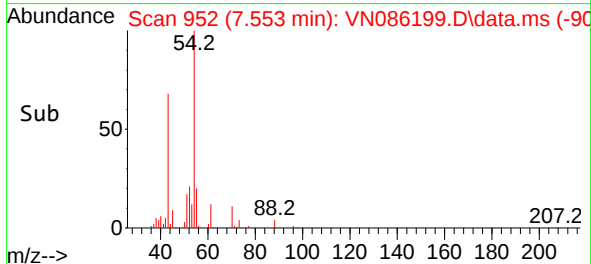
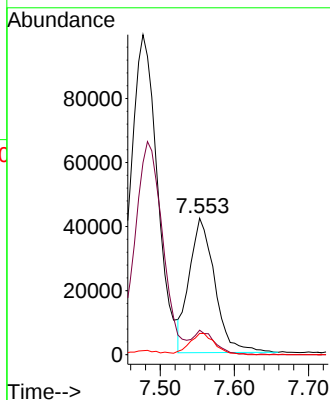
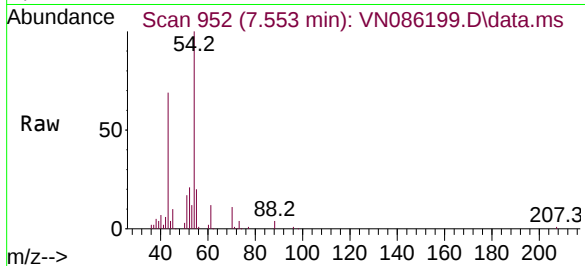




#37
Ethyl Acetate
Concen: 45.764 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

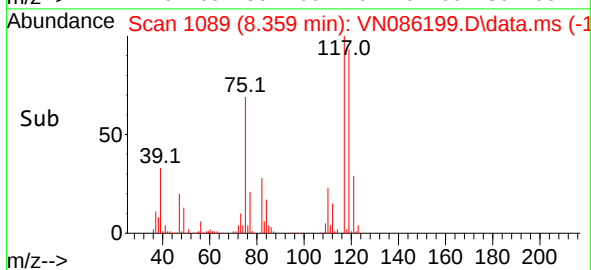
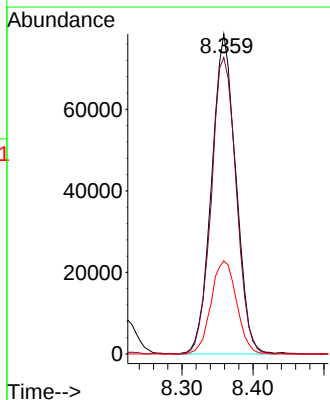
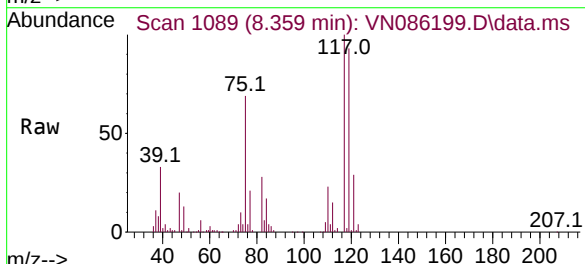
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

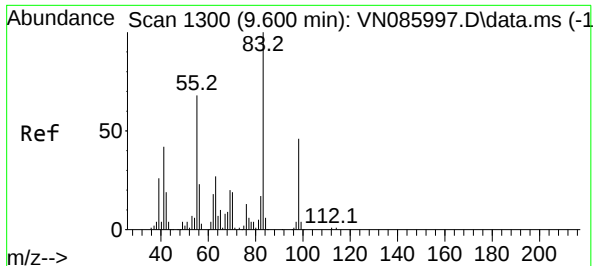
Tgt Ion: 43 Resp: 100293
Ion Ratio Lower Upper
43 100
61 15.8 13.0 19.4
70 15.7 11.0 16.6



#38
Carbon Tetrachloride
Concen: 54.441 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 117 Resp: 185945
Ion Ratio Lower Upper
117 100
119 92.7 77.0 115.4
121 29.1 25.6 38.4





#39

Methylcyclohexane

Concen: 59.161 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

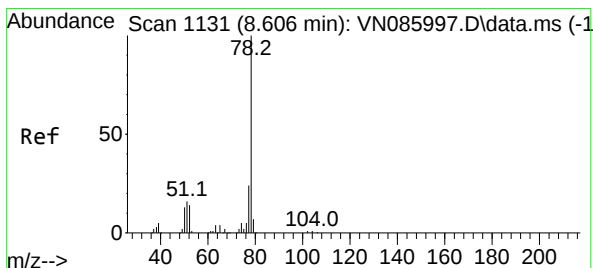
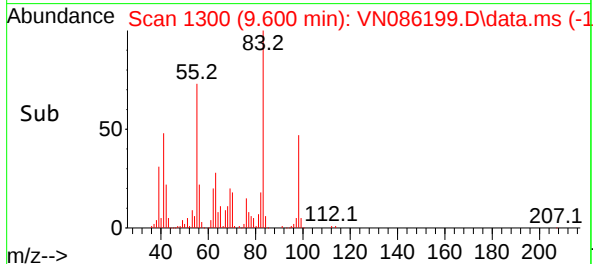
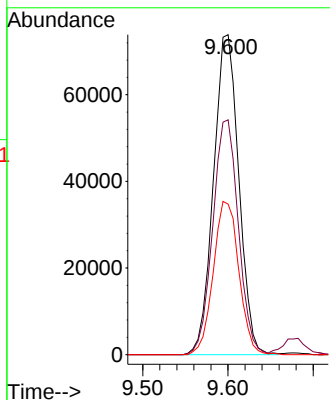
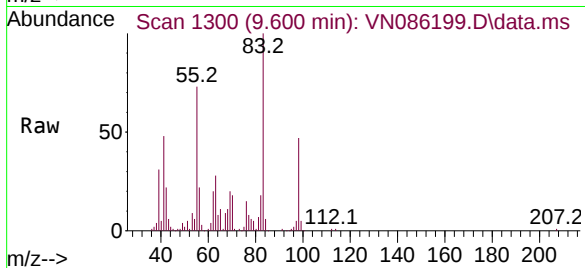
Tgt Ion: 83 Resp: 152474

Ion Ratio Lower Upper

83 100

55 73.4 54.2 81.2

98 47.1 37.1 55.7



#40

Benzene

Concen: 54.149 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086199.D

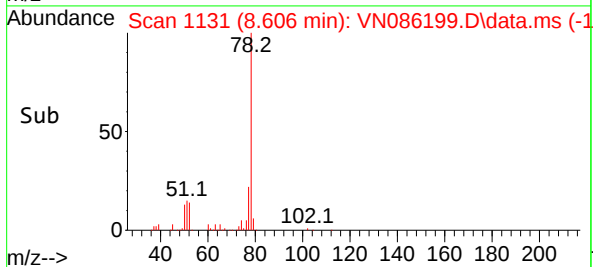
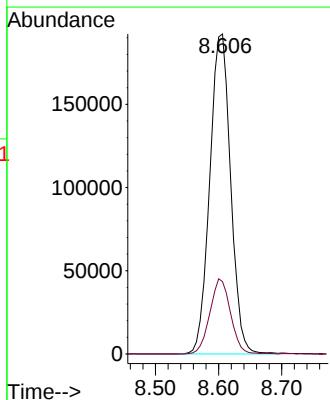
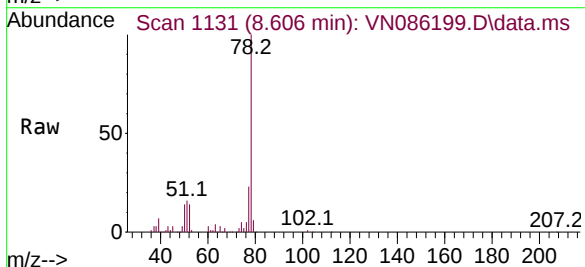
Acq: 01 Apr 2025 16:35

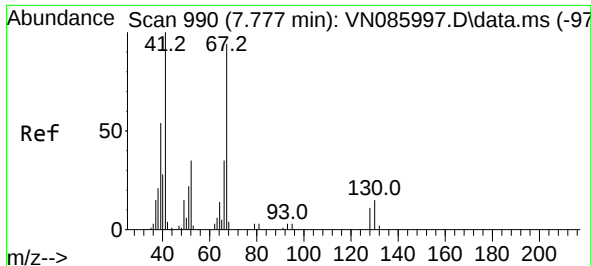
Tgt Ion: 78 Resp: 441578

Ion Ratio Lower Upper

78 100

77 22.6 18.9 28.3

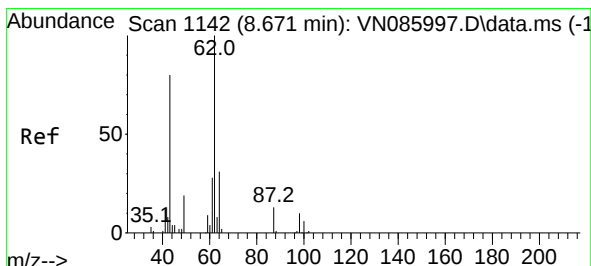
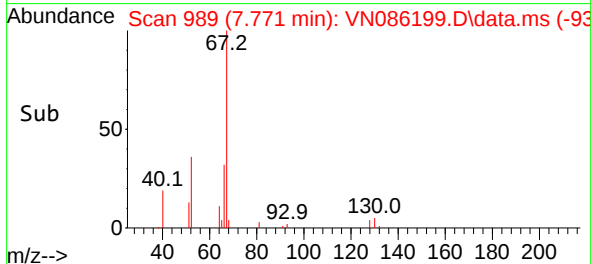
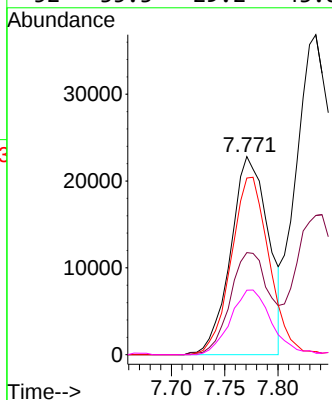
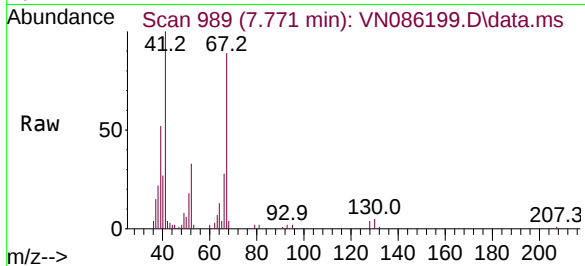




#41
Methacrylonitrile
Concen: 53.918 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

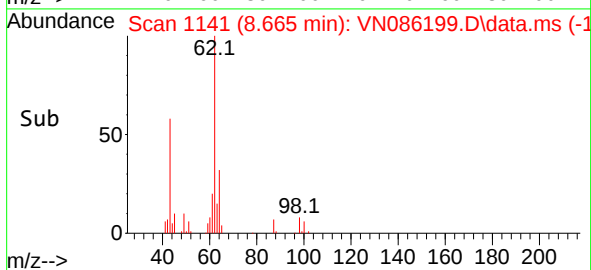
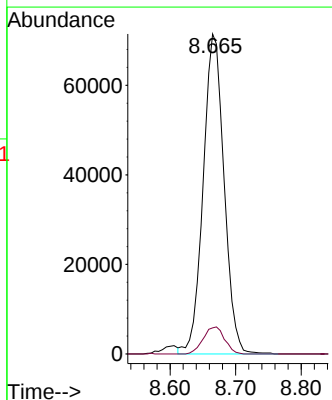
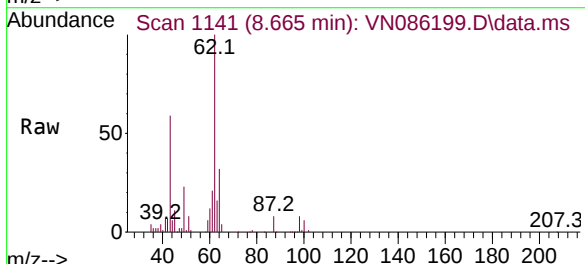
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

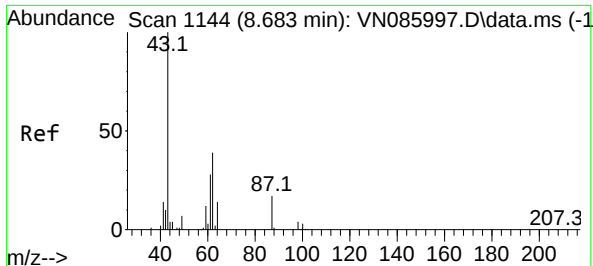
Tgt Ion:	41	Resp:	56423
Ion	Ratio	Lower	Upper
41	100		
39	53.2	46.2	69.2
67	90.2	75.9	113.9
52	35.3	29.2	43.8



#42
1,2-Dichloroethane
Concen: 55.741 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion:	62	Resp:	158389
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.6

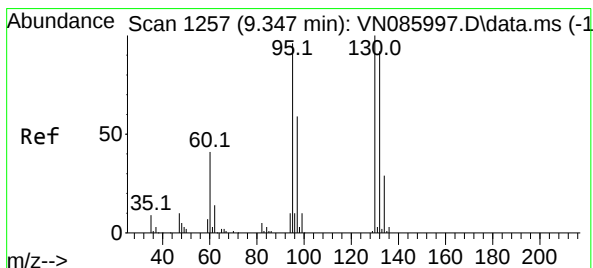
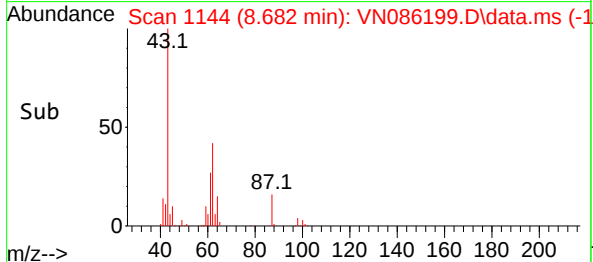
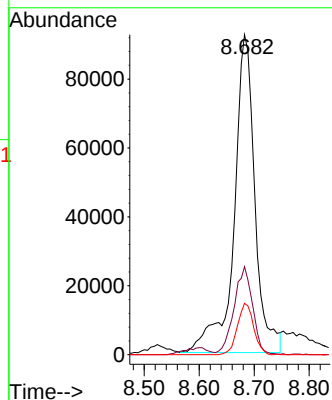
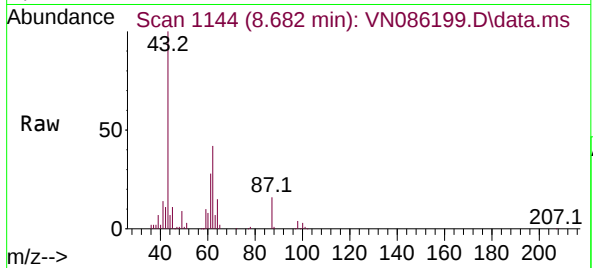




#43
Isopropyl Acetate
Concen: 51.234 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

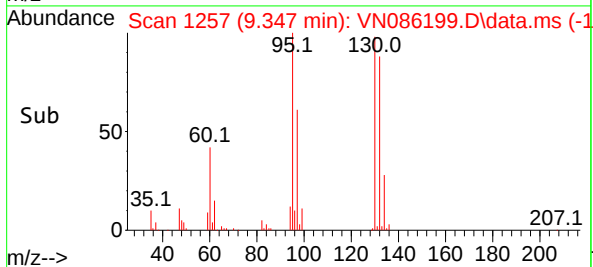
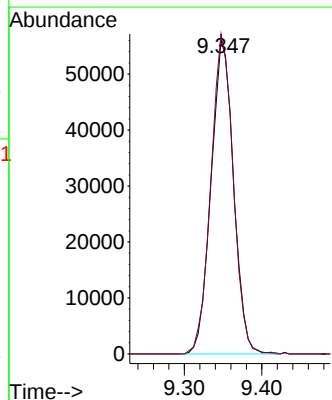
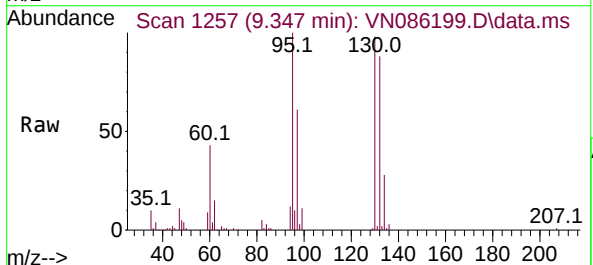
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

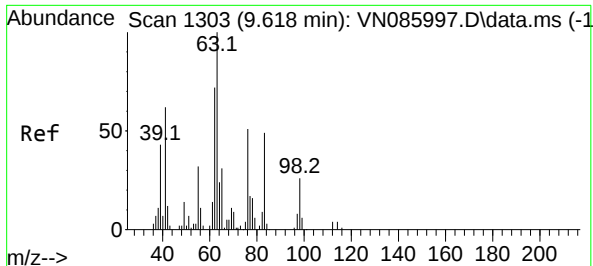
Tgt Ion: 43 Resp: 243310
Ion Ratio Lower Upper
43 100
61 24.6 25.0 37.6#
87 12.6 13.0 19.4#



#44
Trichloroethene
Concen: 53.428 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion:130 Resp: 112923
Ion Ratio Lower Upper
130 100
95 102.0 0.0 191.6





#45

1,2-Dichloropropane

Concen: 53.811 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

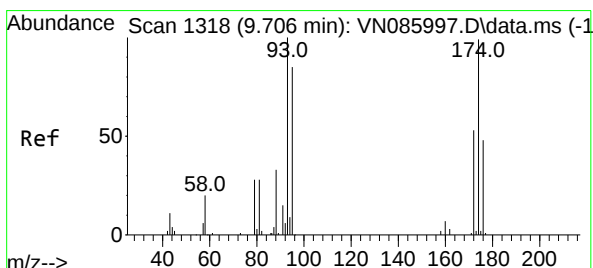
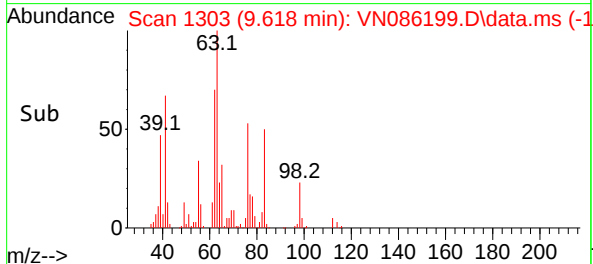
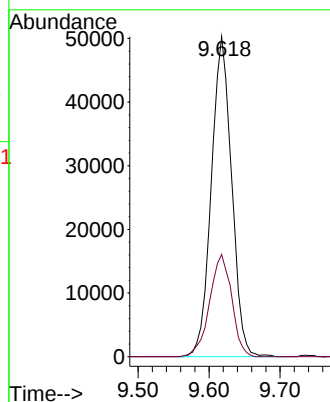
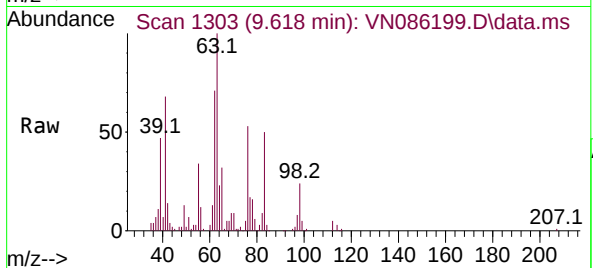
VSTDCCC050EC

Tgt Ion: 63 Resp: 99807

Ion Ratio Lower Upper

63 100

65 31.9 24.7 37.1



#46

Dibromomethane

Concen: 52.034 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

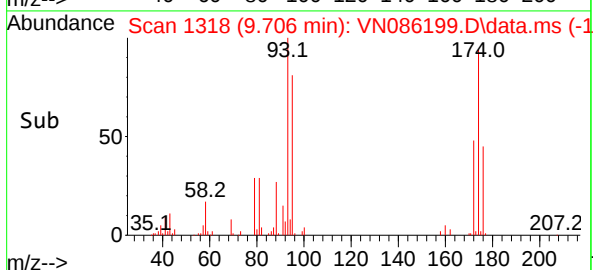
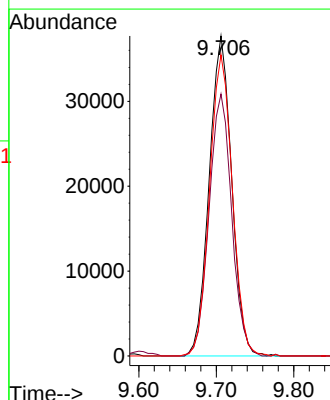
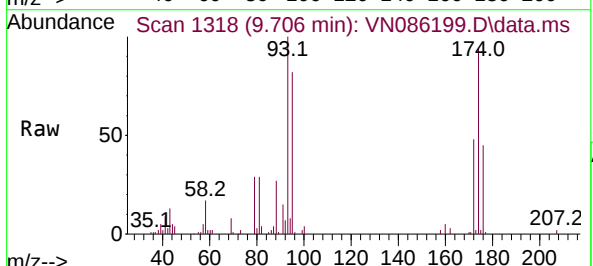
Tgt Ion: 93 Resp: 75900

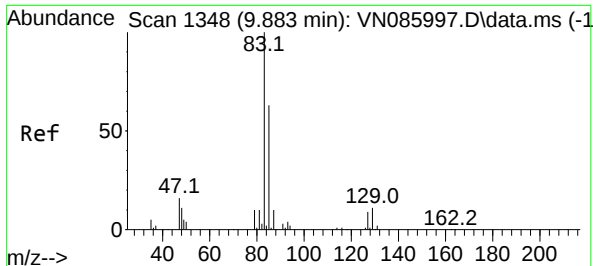
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.2

174 95.3 80.1 120.1

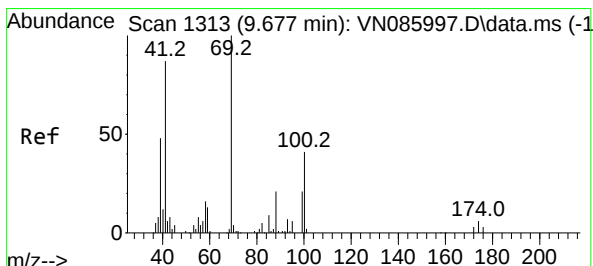
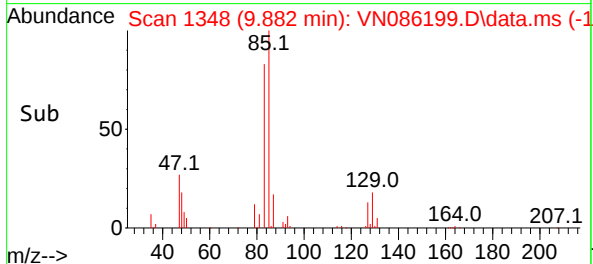
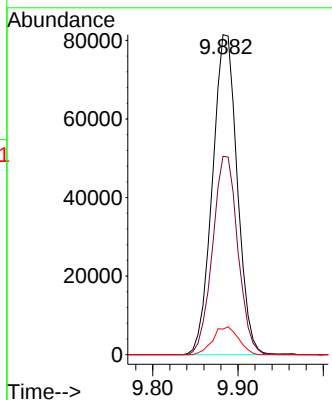
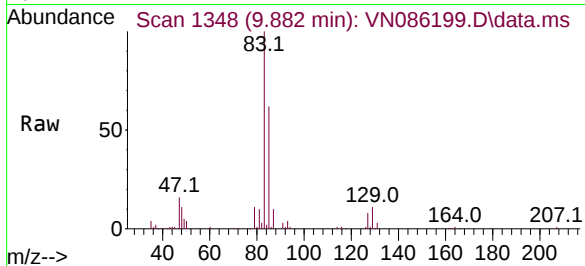




#47
Bromodichloromethane
Concen: 54.097 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

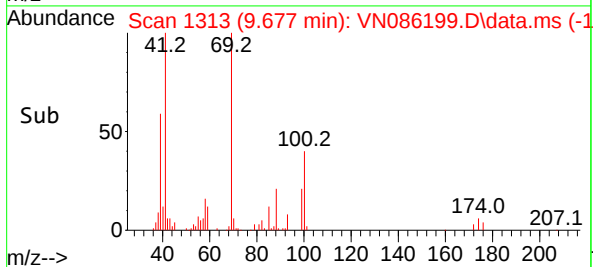
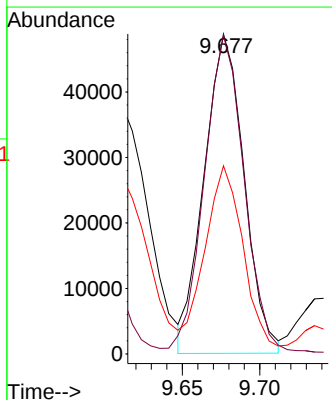
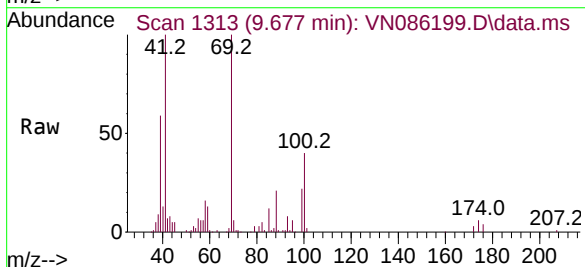
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

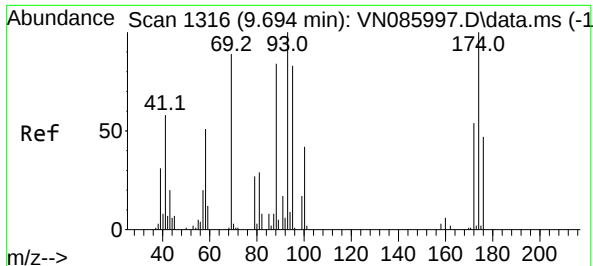
Tgt Ion: 83 Resp: 164916
Ion Ratio Lower Upper
83 100
85 62.0 50.2 75.2
127 8.0 7.1 10.7



#48
Methyl methacrylate
Concen: 55.865 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 41 Resp: 87546
Ion Ratio Lower Upper
41 100
69 100.5 83.1 124.7
39 57.6 45.6 68.4





#49

1,4-Dioxane

Concen: 956.603 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

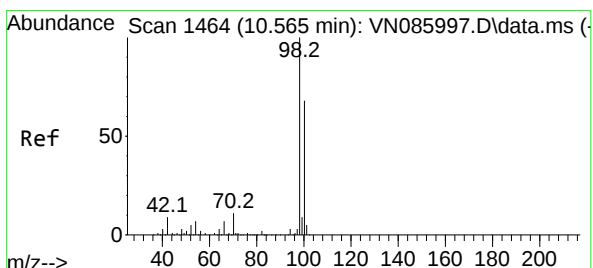
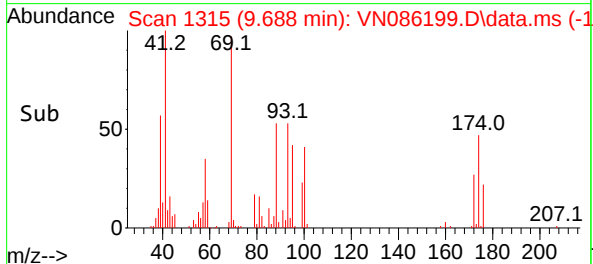
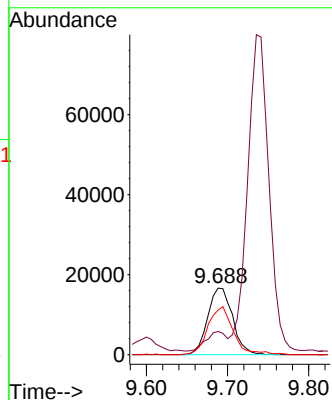
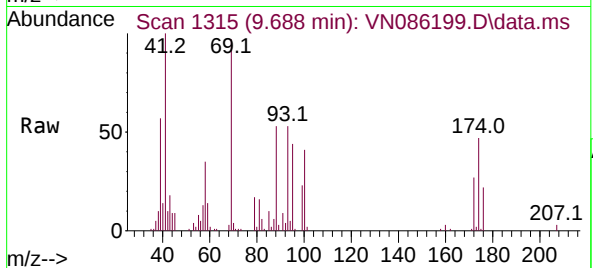
Tgt Ion: 88 Resp: 35438

Ion Ratio Lower Upper

88 100

43 24.4 21.7 32.5

58 73.8 50.4 75.6



#50

Toluene-d8

Concen: 48.772 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086199.D

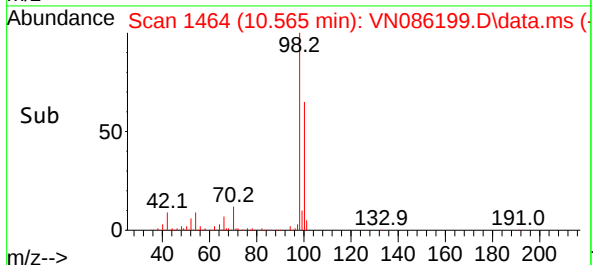
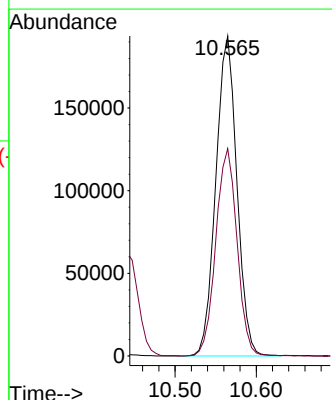
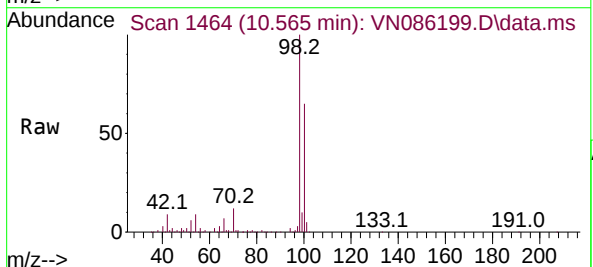
Acq: 01 Apr 2025 16:35

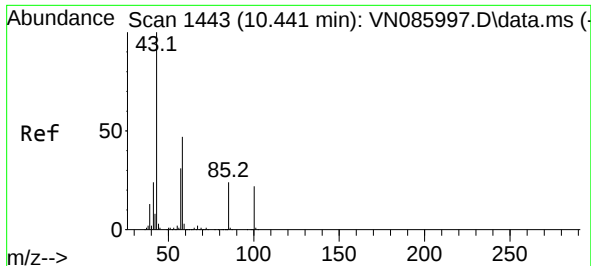
Tgt Ion: 98 Resp: 349205

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7

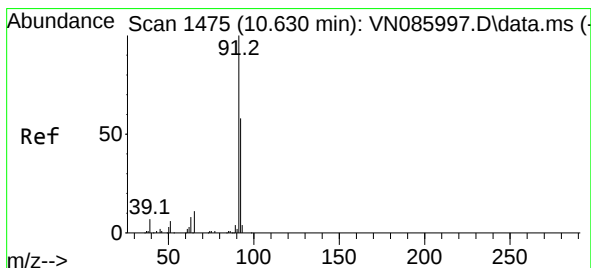
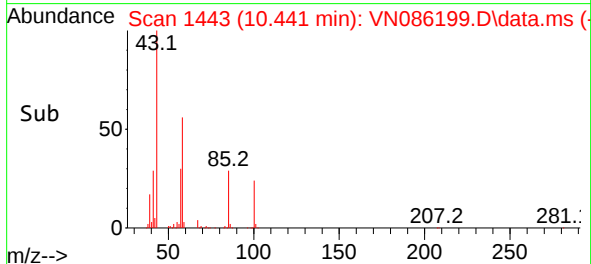
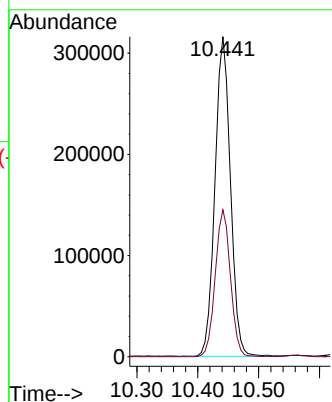
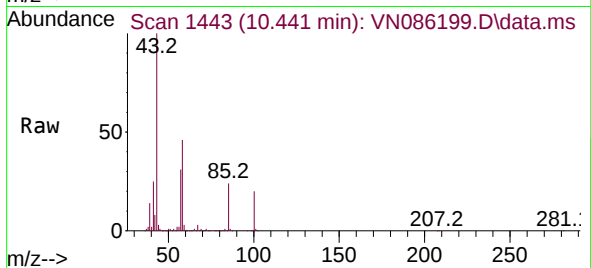




#51
4-Methyl-2-Pentanone
Concen: 266.820 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

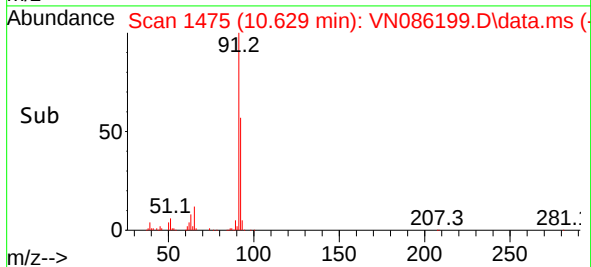
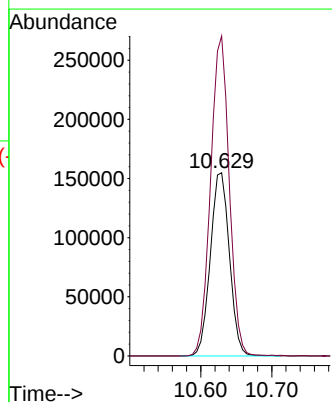
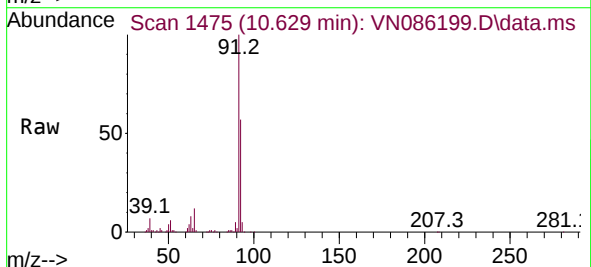
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

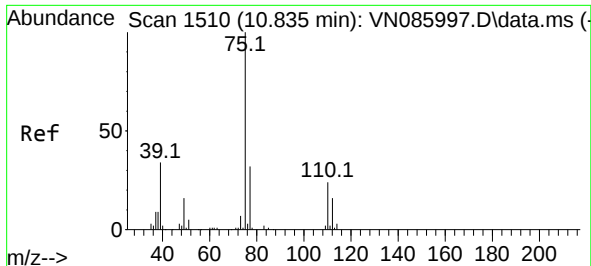
Tgt Ion: 43 Resp: 558826
Ion Ratio Lower Upper
43 100
58 45.1 37.4 56.0



#52
Toluene
Concen: 57.707 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 92 Resp: 288824
Ion Ratio Lower Upper
92 100
91 171.0 136.2 204.4

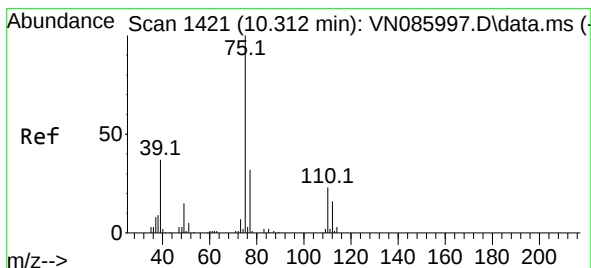
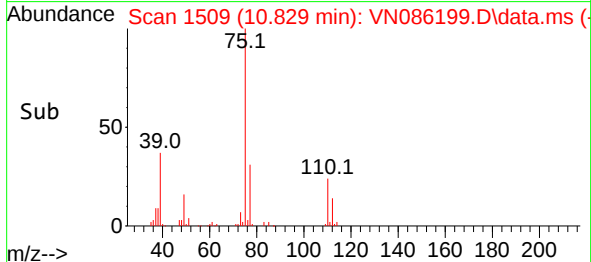
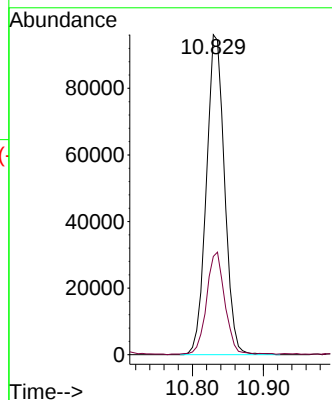
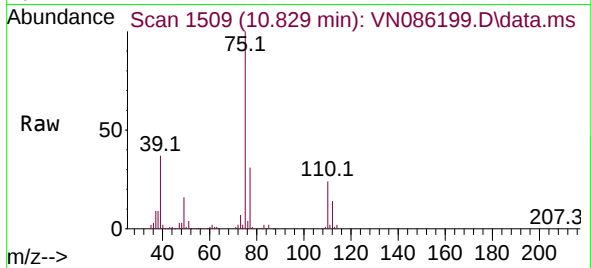




#53
t-1,3-Dichloropropene
Concen: 57.675 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

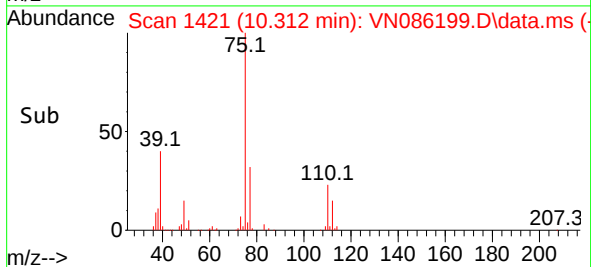
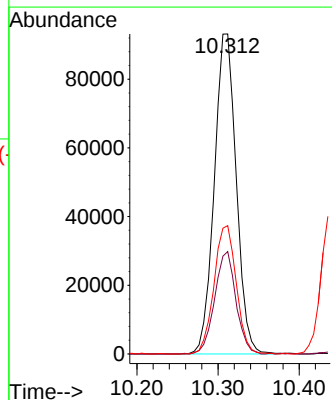
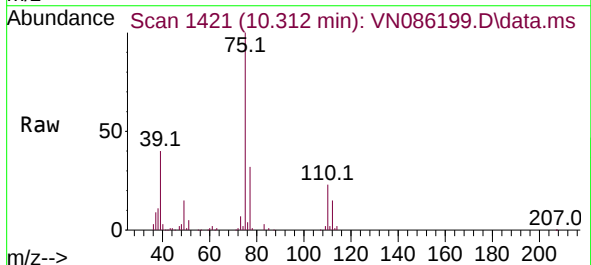
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

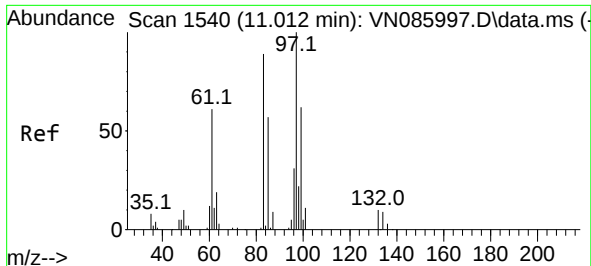
Tgt Ion: 75 Resp: 170755
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 56.098 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 75 Resp: 175231
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 40.1 29.6 44.4

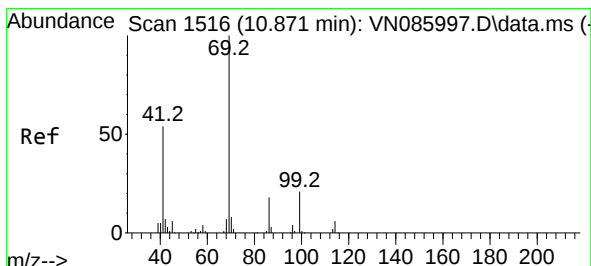
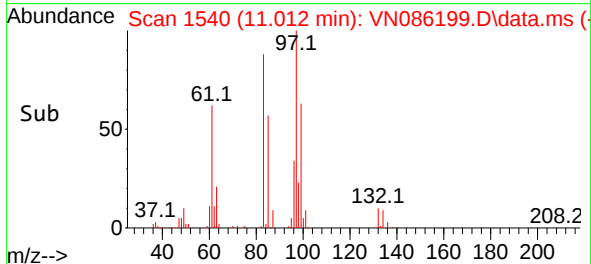
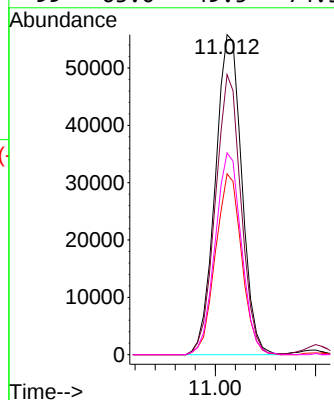
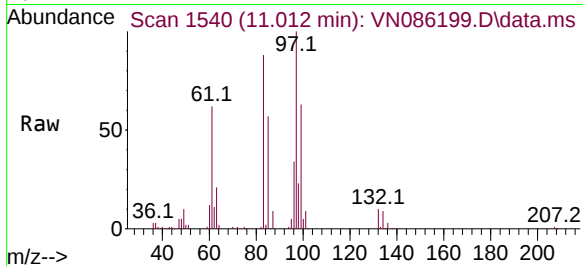




#55
1,1,2-Trichloroethane
Concen: 53.635 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

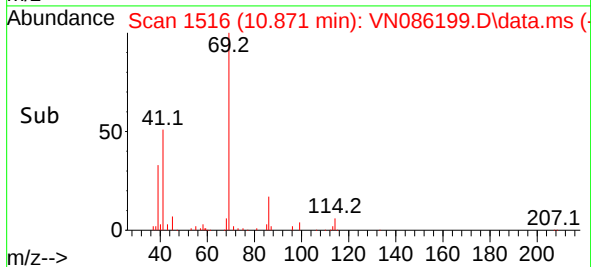
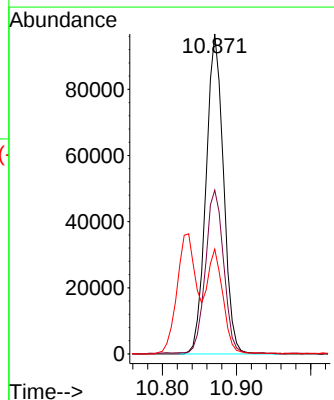
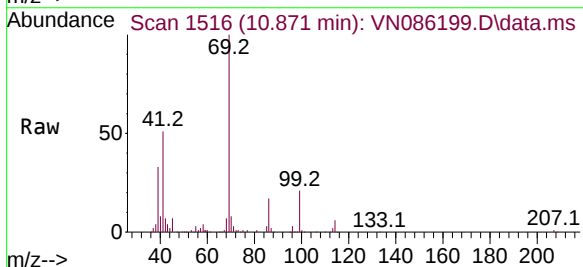
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

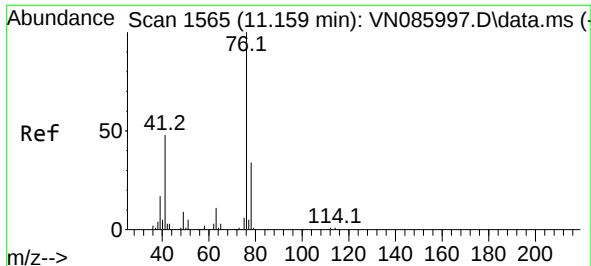
Tgt Ion:	97	Resp:	102458
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.2	106.8
85	56.5	45.4	68.0
99	63.0	49.5	74.3



#56
Ethyl methacrylate
Concen: 52.621 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion:	69	Resp:	158464
Ion	Ratio	Lower	Upper
69	100		
41	53.9	41.6	62.4
39	30.0	21.8	32.8





#57

1,3-Dichloropropane

Concen: 54.845 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

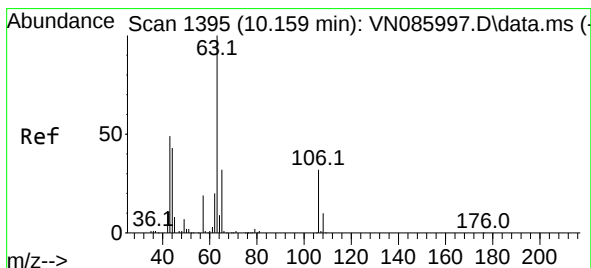
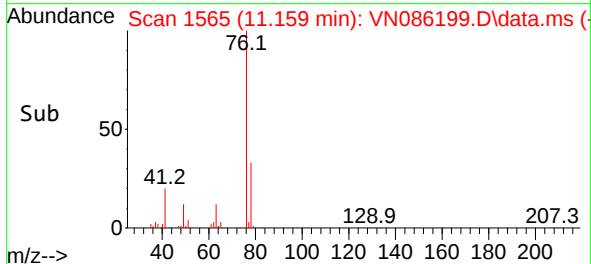
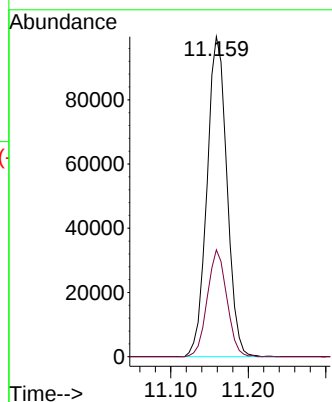
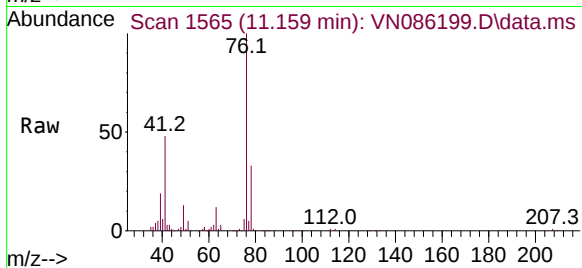
VSTDCCC050EC

Tgt Ion: 76 Resp: 177952

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 333.135 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086199.D

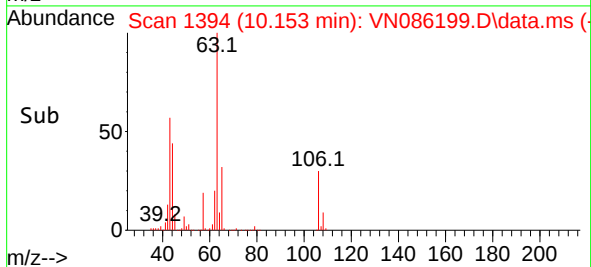
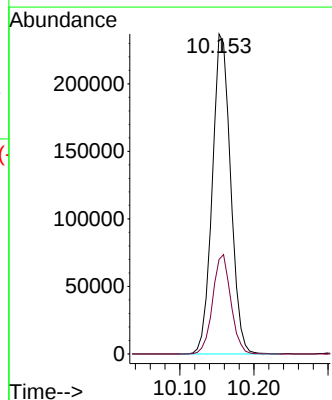
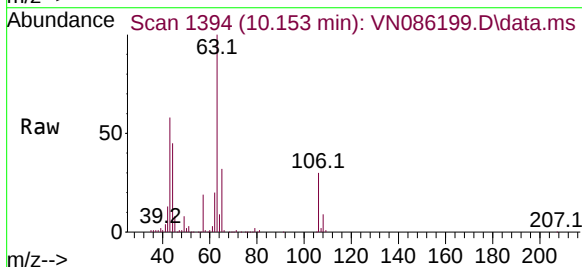
Acq: 01 Apr 2025 16:35

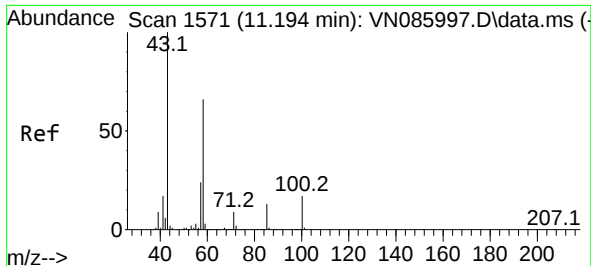
Tgt Ion: 63 Resp: 406252

Ion Ratio Lower Upper

63 100

106 30.8 25.0 37.6

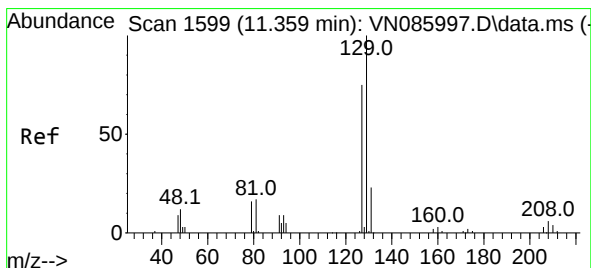
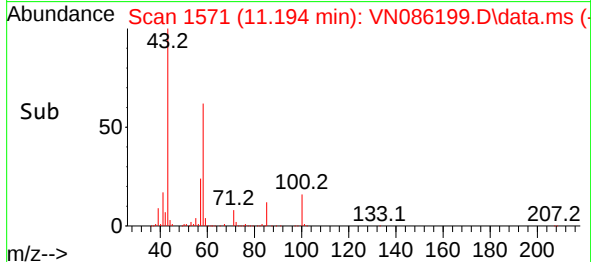
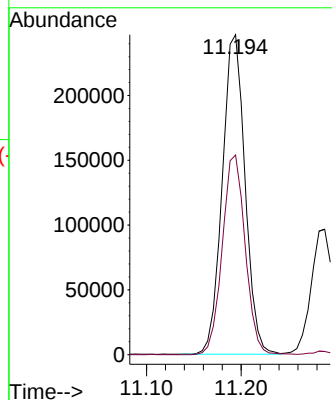
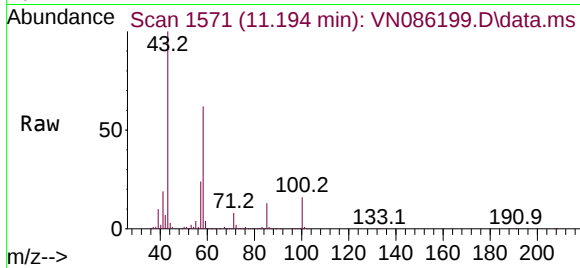




#59
2-Hexanone
Concen: 270.110 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

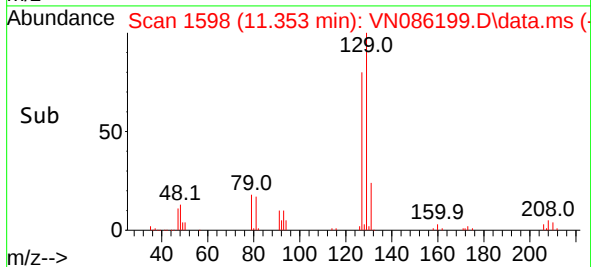
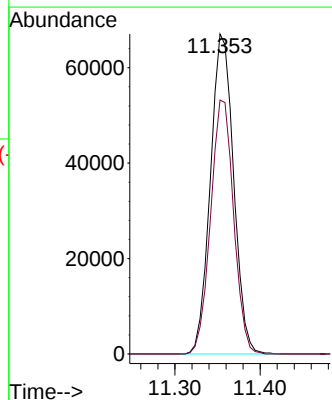
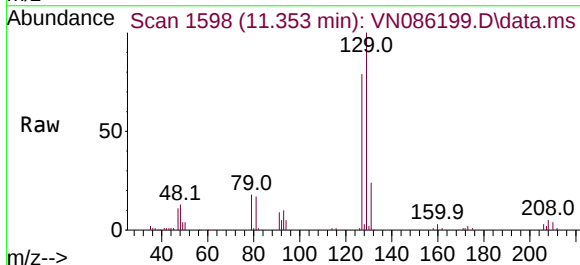
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

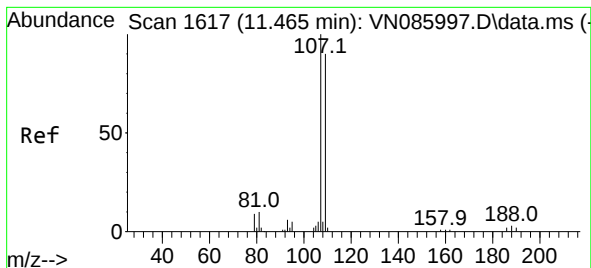
Tgt Ion: 43 Resp: 412121
Ion Ratio Lower Upper
43 100
58 62.9 32.4 97.2



#60
Dibromochloromethane
Concen: 51.466 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion:129 Resp: 126866
Ion Ratio Lower Upper
129 100
127 78.5 37.8 113.4

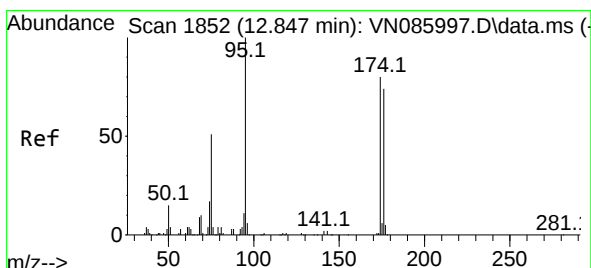
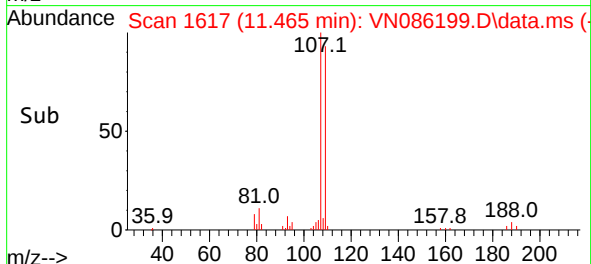
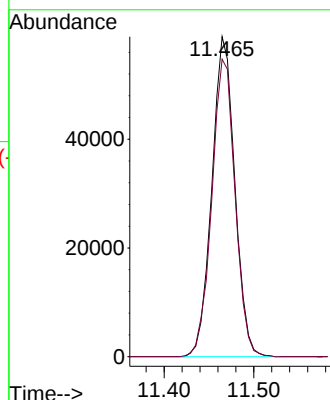
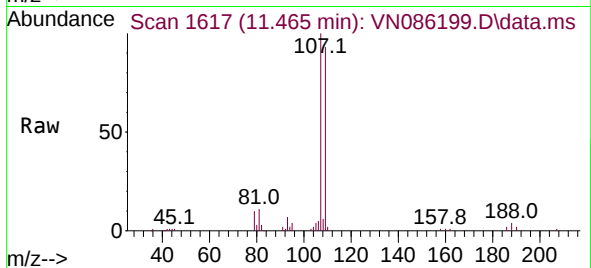




#61
1,2-Dibromoethane
Concen: 53.103 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

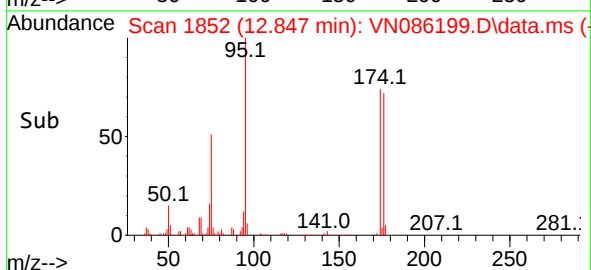
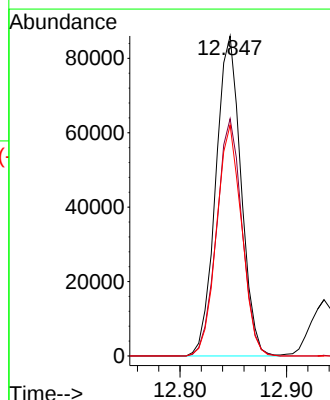
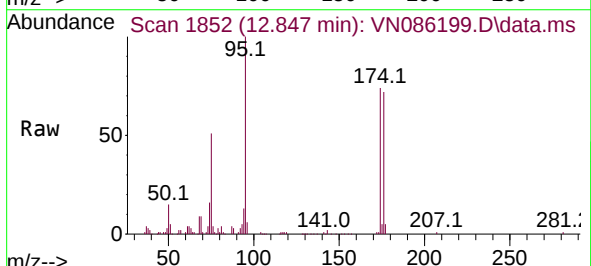
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

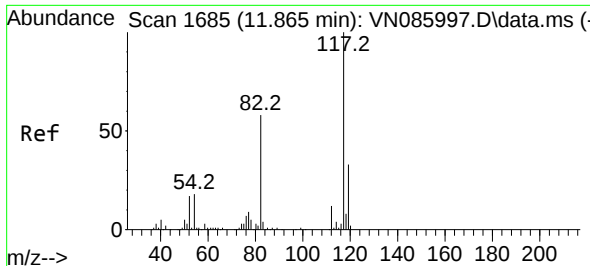
Tgt Ion:107 Resp: 104143
Ion Ratio Lower Upper
107 100
109 94.7 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 55.444 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 95 Resp: 141573
Ion Ratio Lower Upper
95 100
174 74.2 0.0 156.8
176 71.6 0.0 152.2

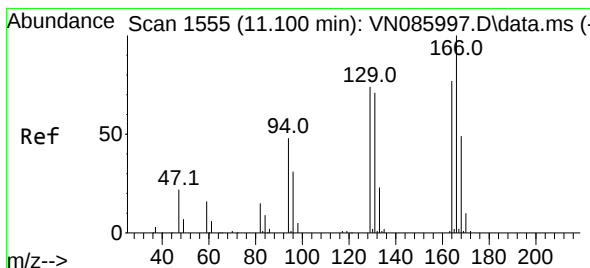
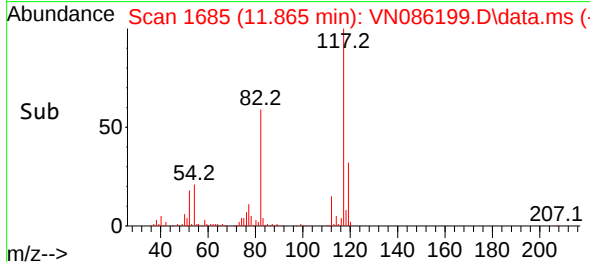
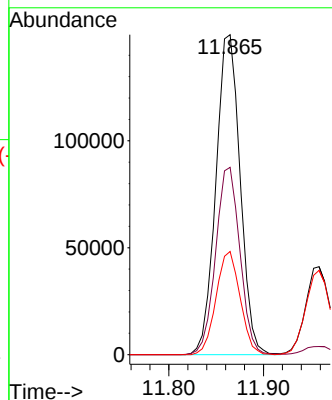
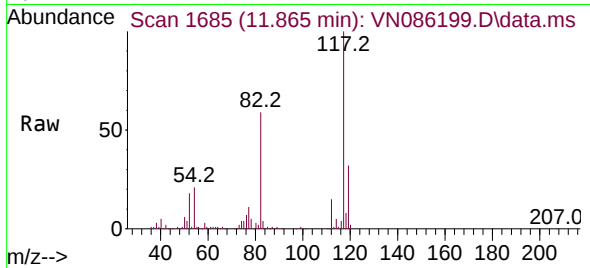




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

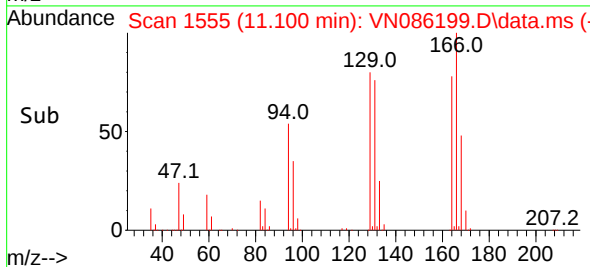
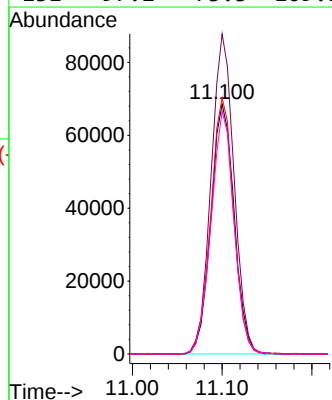
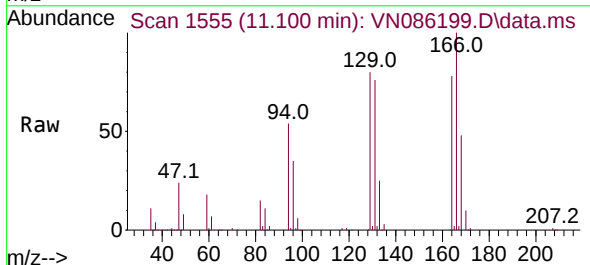
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

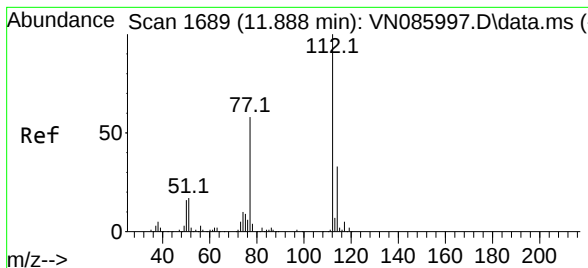
Tgt Ion:117 Resp: 266898
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 57.854 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion:164 Resp: 123175
Ion Ratio Lower Upper
164 100
166 128.1 103.7 155.5
129 102.6 77.1 115.7
131 97.2 73.3 109.9

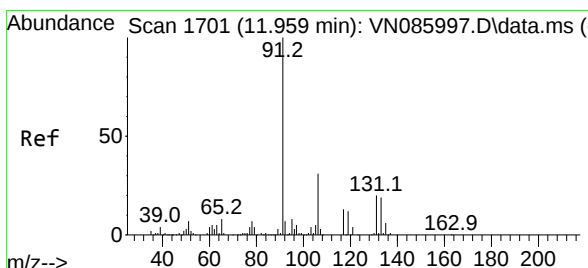
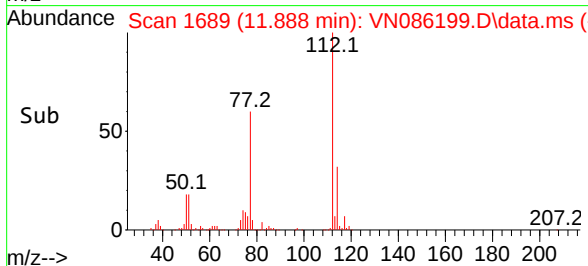
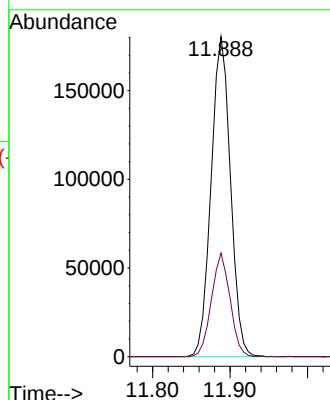
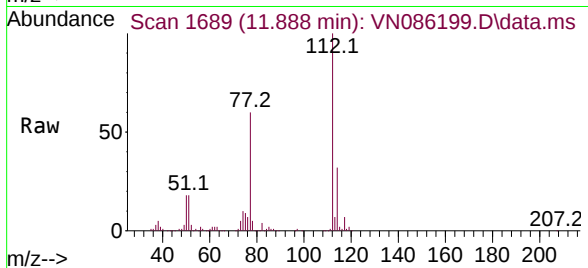




#65
Chlorobenzene
Concen: 51.296 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

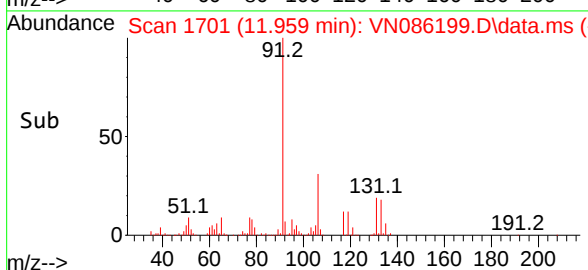
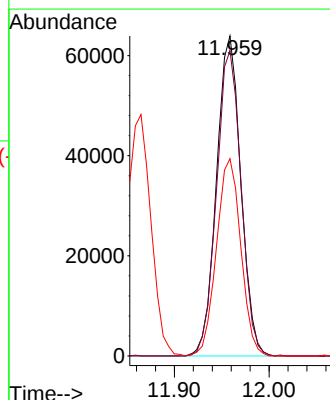
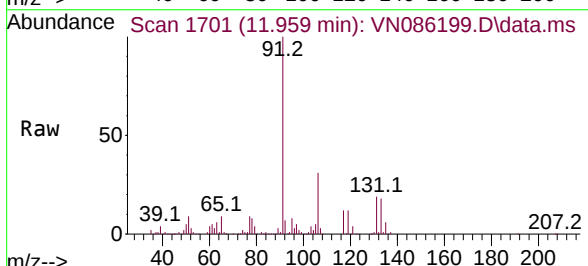
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

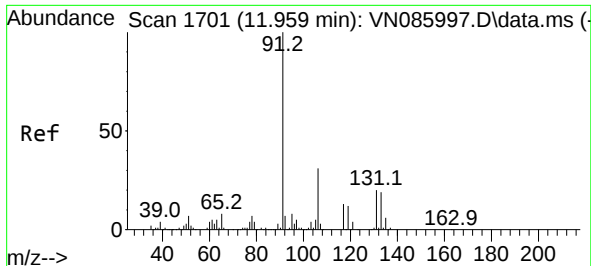
Tgt Ion:112 Resp: 313280
Ion Ratio Lower Upper
112 100
114 32.4 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.216 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion:131 Resp: 114006
Ion Ratio Lower Upper
131 100
133 96.4 47.0 141.0
119 61.8 31.4 94.0

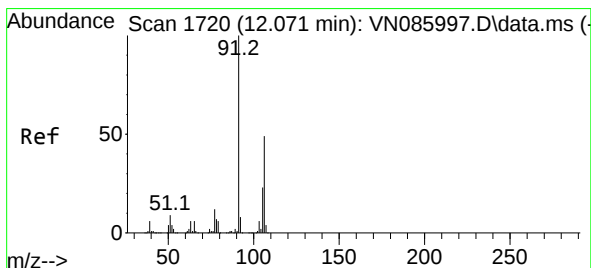
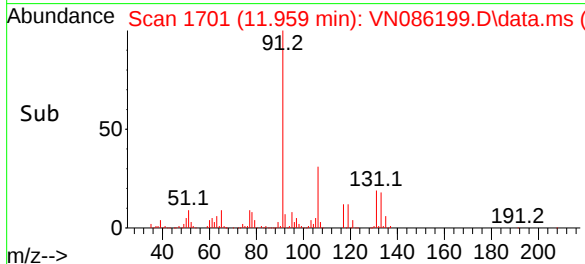
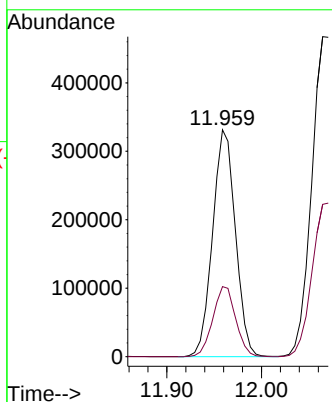
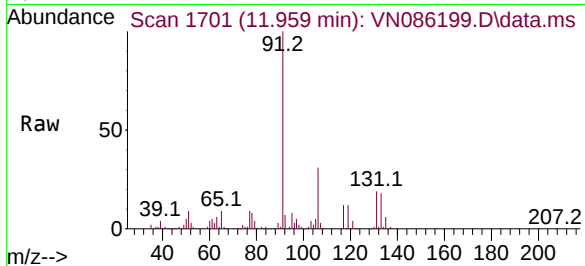




#67
Ethyl Benzene
Concen: 56.840 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

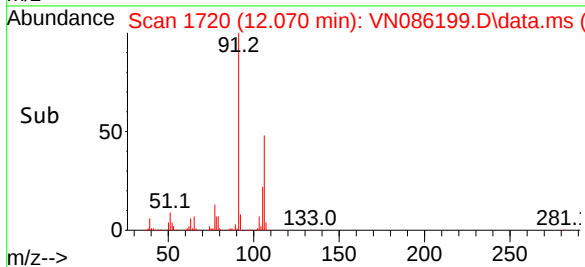
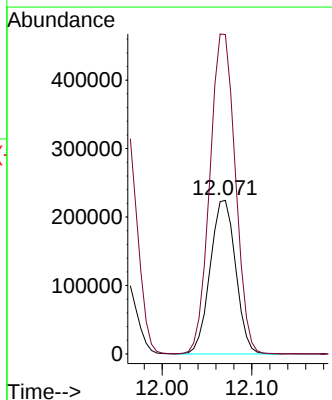
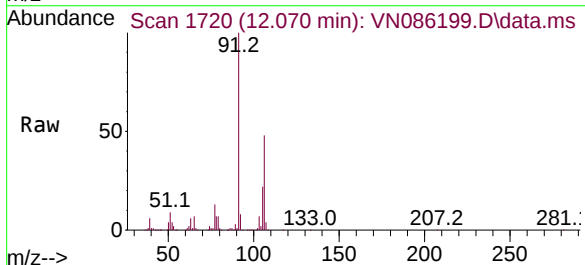
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

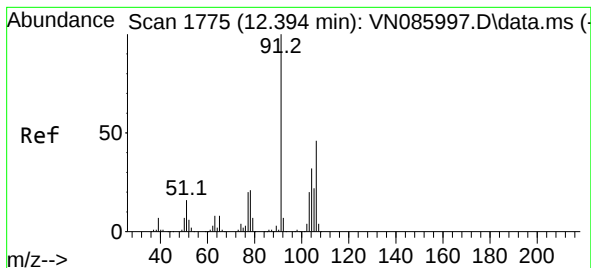
Tgt Ion: 91 Resp: 555301
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7



#68
m/p-Xylenes
Concen: 115.299 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion:106 Resp: 442729
Ion Ratio Lower Upper
106 100
91 208.5 163.9 245.9

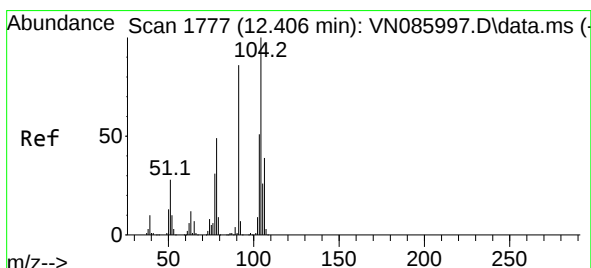
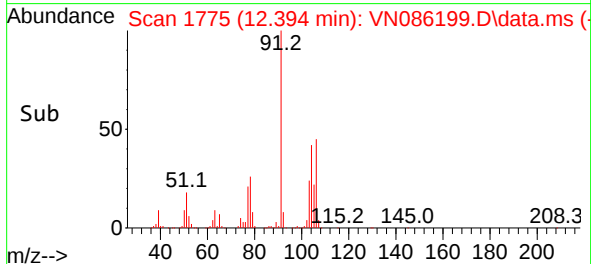
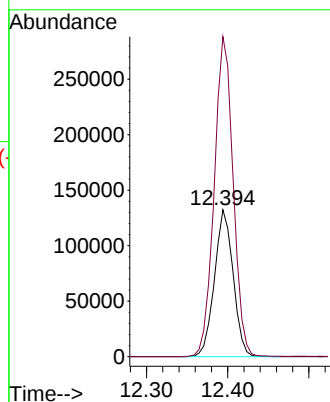
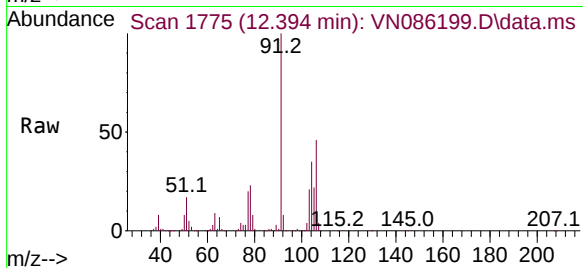




#69
o-Xylene
Concen: 60.040 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

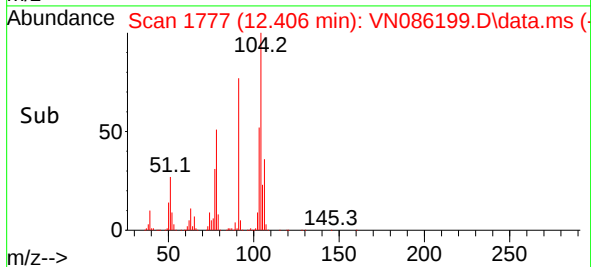
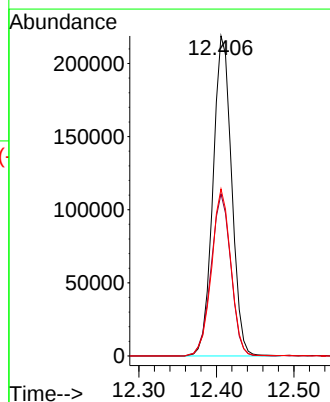
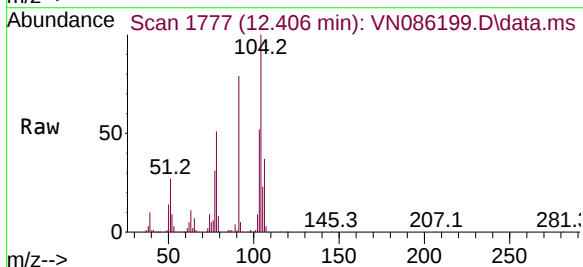
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

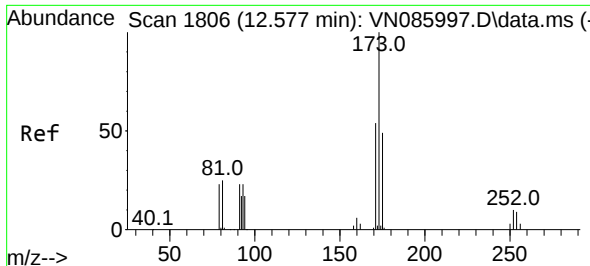
Tgt Ion:106 Resp: 211596
Ion Ratio Lower Upper
106 100
91 221.4 109.1 327.2



#70
Styrene
Concen: 60.789 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion:104 Resp: 365920
Ion Ratio Lower Upper
104 100
78 53.5 41.4 62.2
103 53.8 42.9 64.3

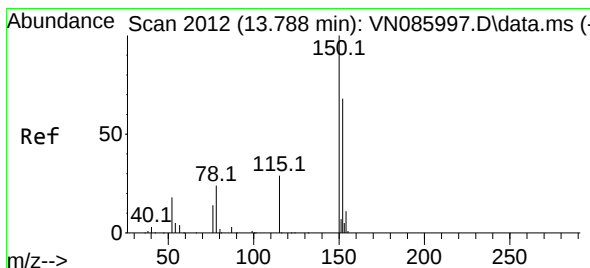
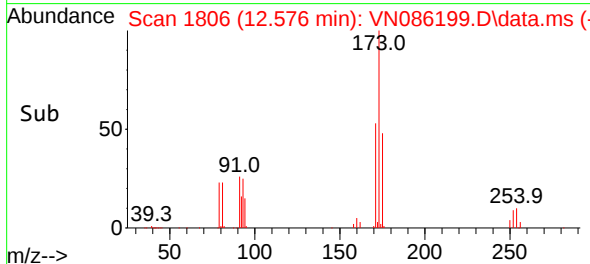
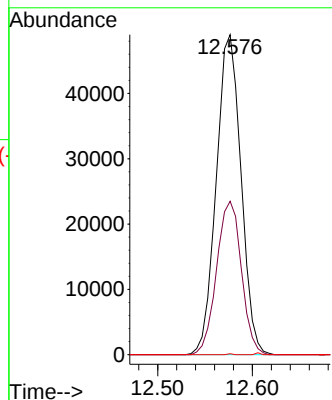
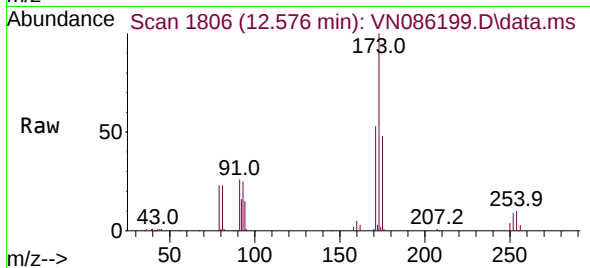




#71
Bromoform
Concen: 46.756 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

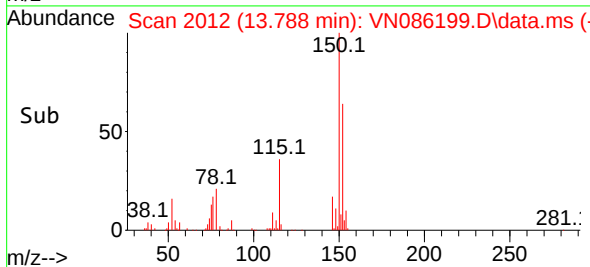
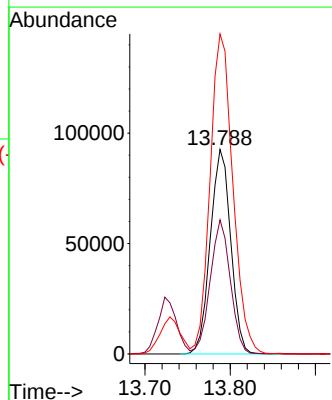
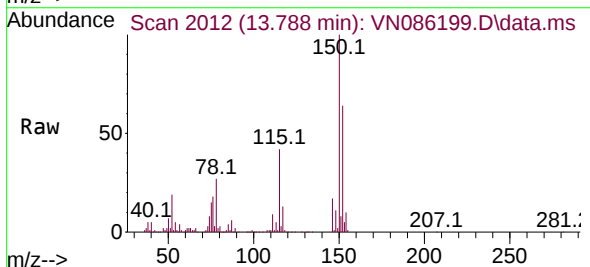
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

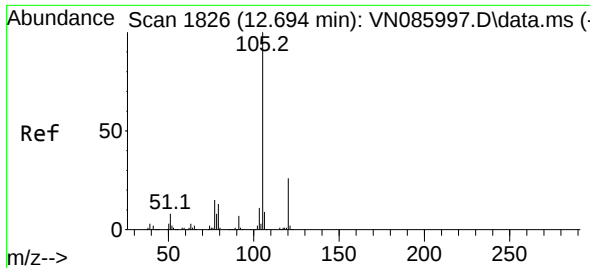
Tgt Ion:173 Resp: 88737
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion:152 Resp: 154251
Ion Ratio Lower Upper
152 100
115 64.6 31.1 93.2
150 174.2 0.0 359.6

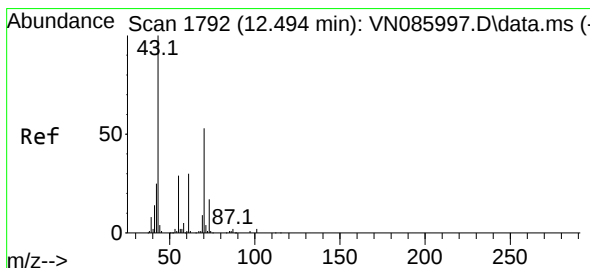
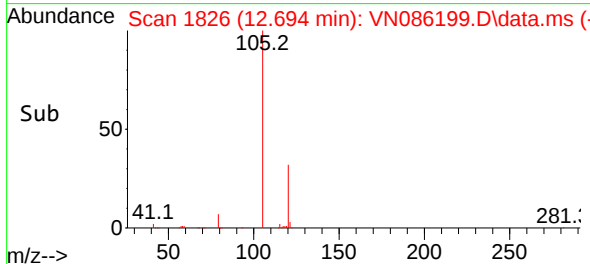
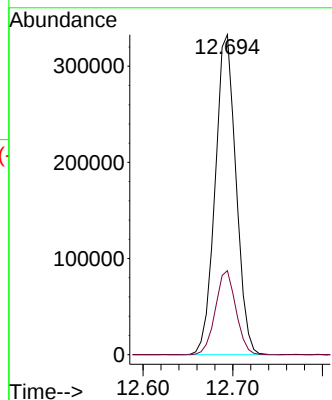
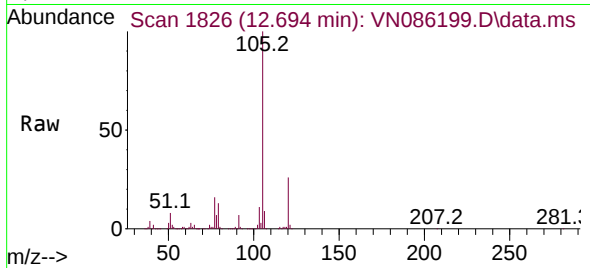




#73
Isopropylbenzene
Concen: 50.946 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

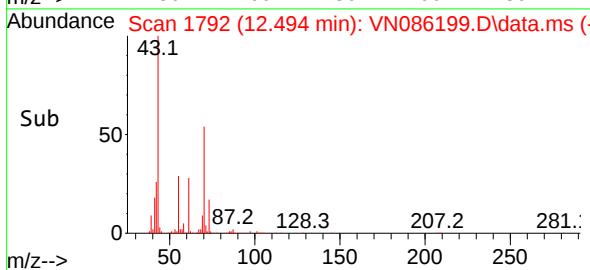
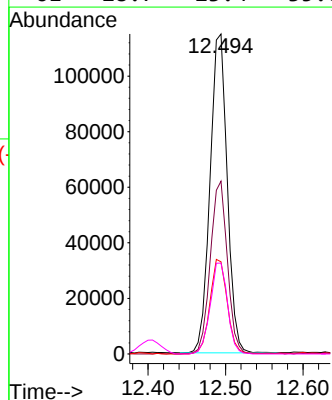
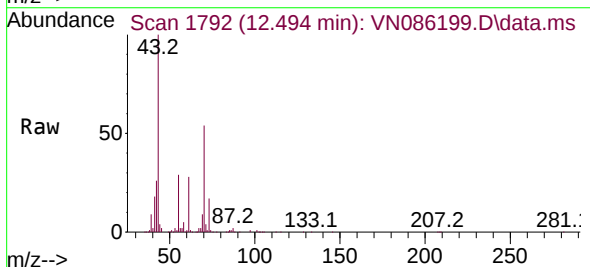
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

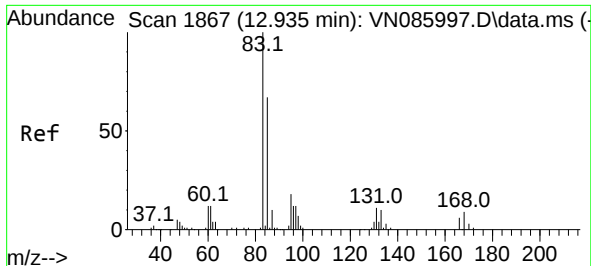
Tgt Ion:105 Resp: 536643
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 50.064 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 43 Resp: 176433
Ion Ratio Lower Upper
43 100
70 54.0 43.0 64.4
55 29.9 23.8 35.8
61 28.7 23.4 35.0

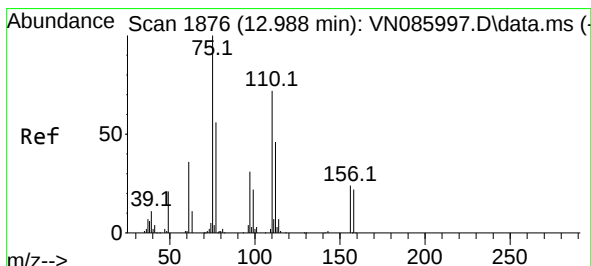
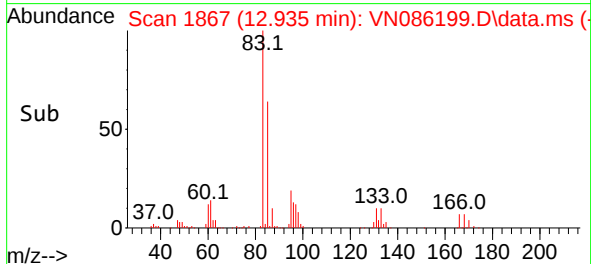
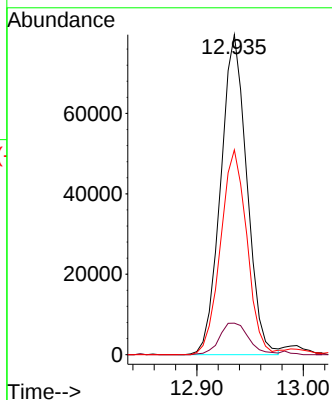
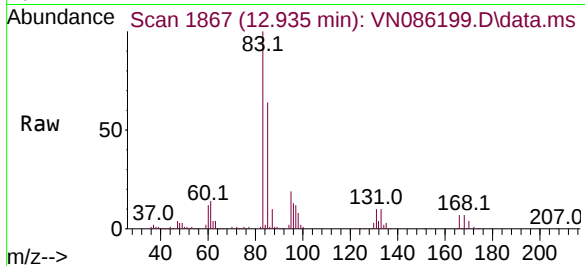




#75
1,1,2,2-Tetrachloroethane
Concen: 38.124 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

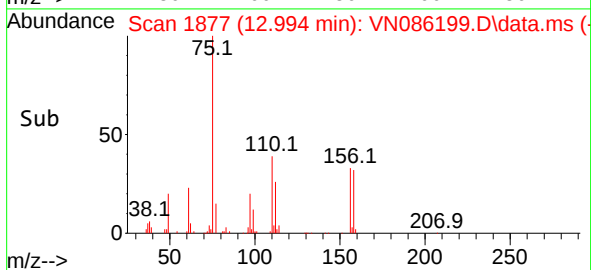
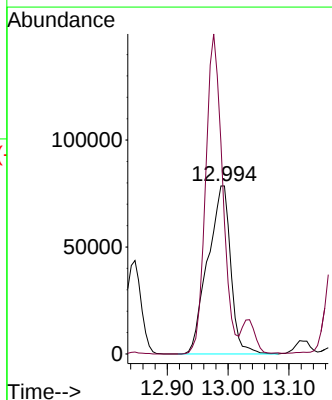
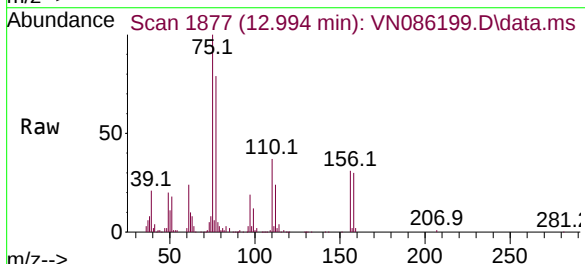
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

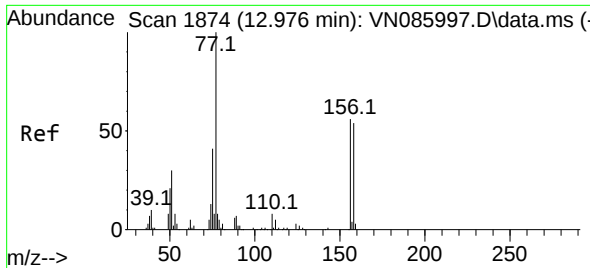
Tgt Ion: 83 Resp: 135862
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.5
85 64.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 59.479 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 75 Resp: 205404
Ion Ratio Lower Upper
75 100
77 141.0 83.7 251.0

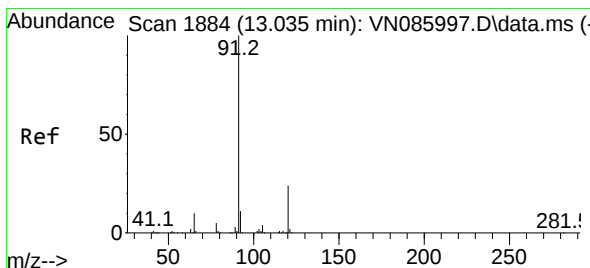
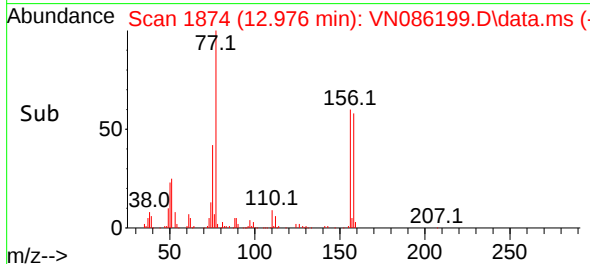
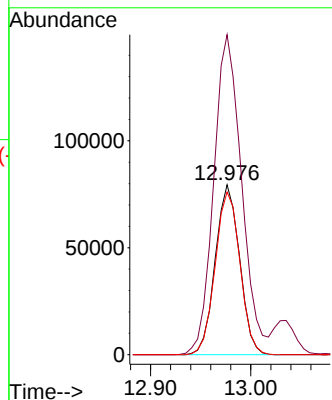
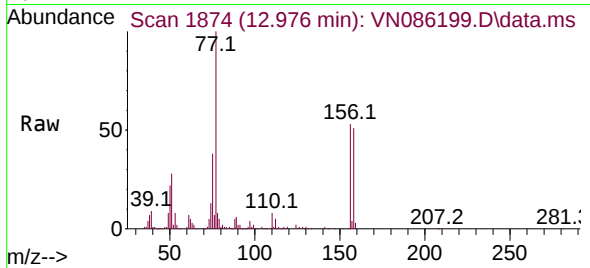




#77
Bromobenzene
Concen: 45.491 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

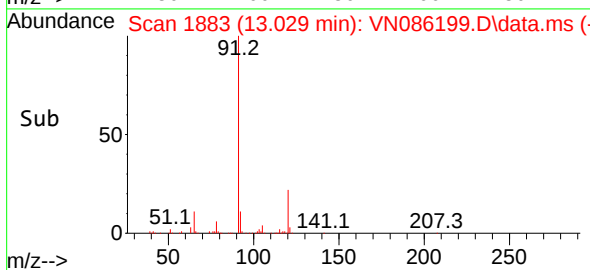
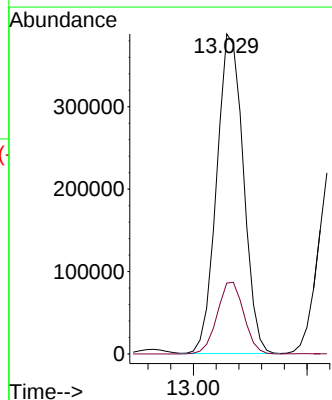
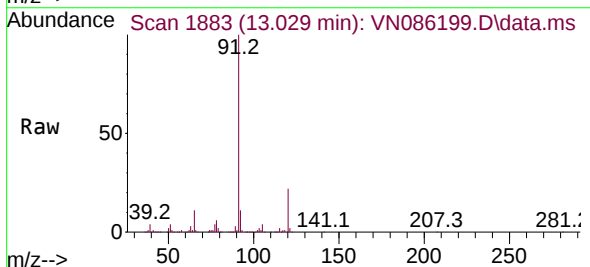
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

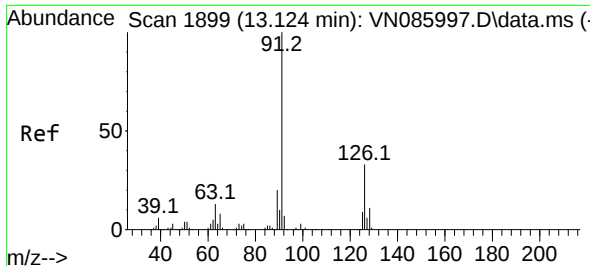
Tgt Ion:156 Resp: 133615
Ion Ratio Lower Upper
156 100
77 216.7 104.1 312.3
158 97.7 49.0 147.0



#78
n-propylbenzene
Concen: 53.075 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 91 Resp: 633061
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.0

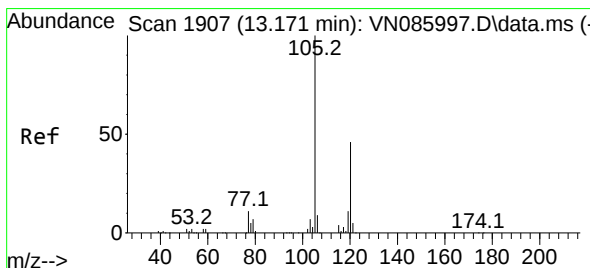
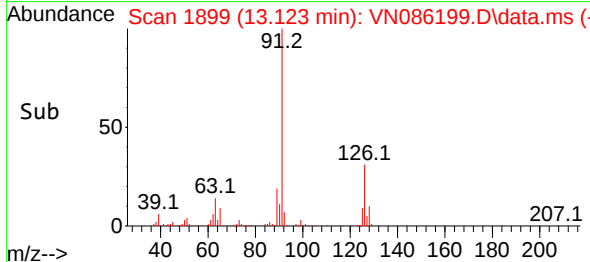
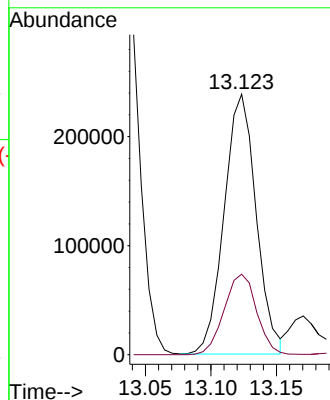
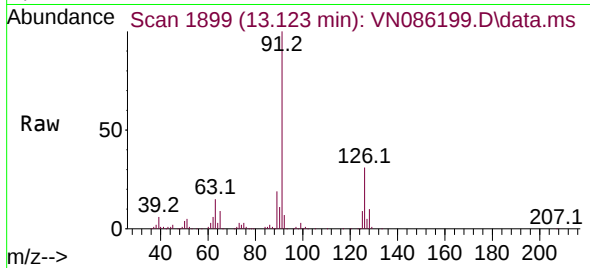




#79
2-Chlorotoluene
Concen: 51.146 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

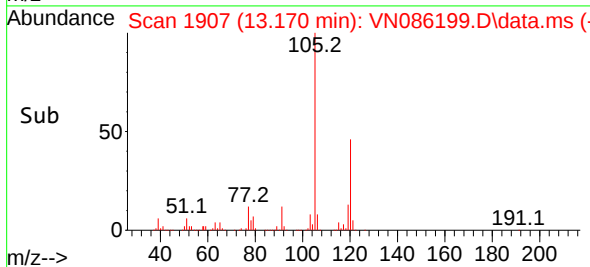
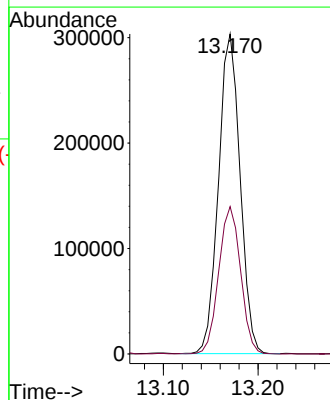
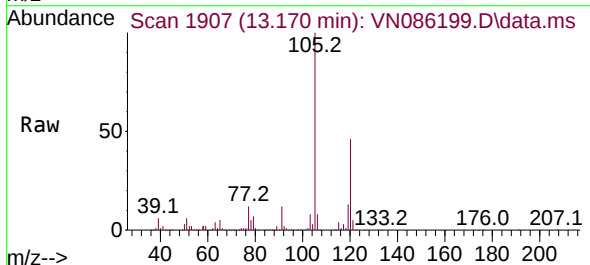
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

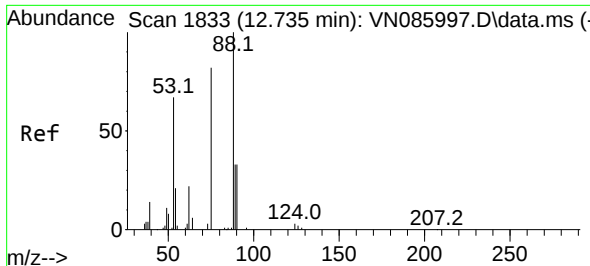
Tgt Ion: 91 Resp: 405206
Ion Ratio Lower Upper
91 100
126 31.4 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 54.036 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 105 Resp: 480562
Ion Ratio Lower Upper
105 100
120 46.7 23.7 71.1

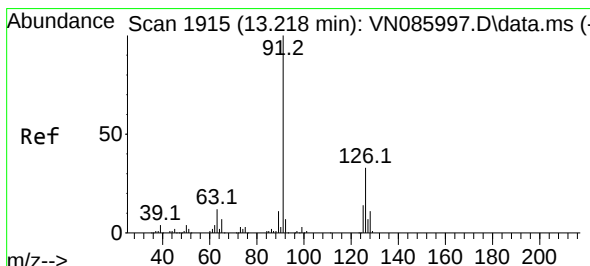
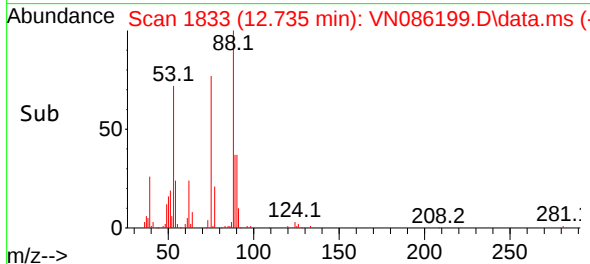
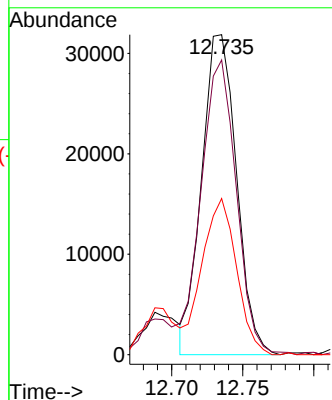
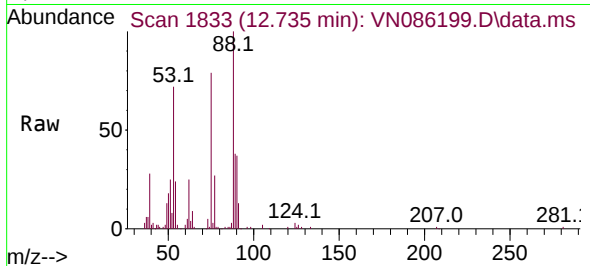




#81
trans-1,4-Dichloro-2-butene
Concen: 41.715 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

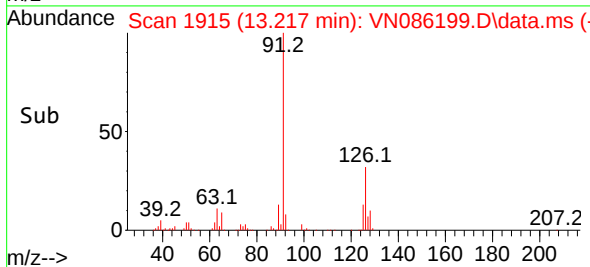
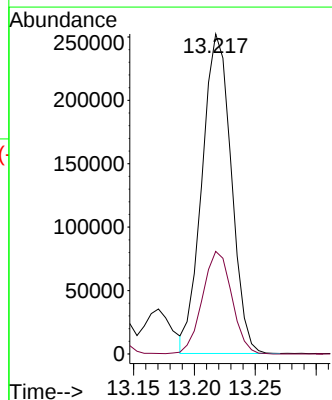
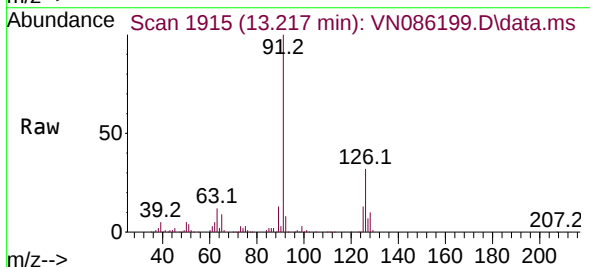
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

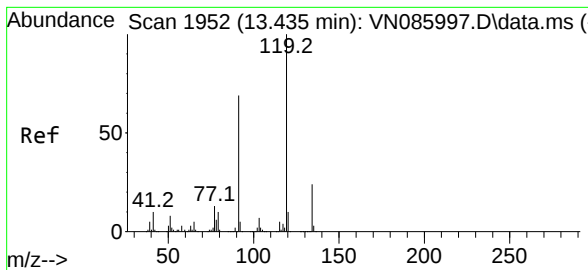
Tgt Ion: 75 Resp: 54489
Ion Ratio Lower Upper
75 100
53 94.2 66.0 99.0
89 48.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 51.618 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 91 Resp: 420544
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.2

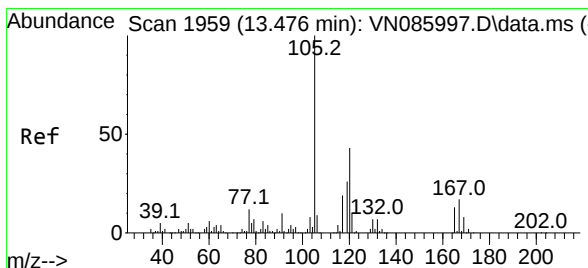
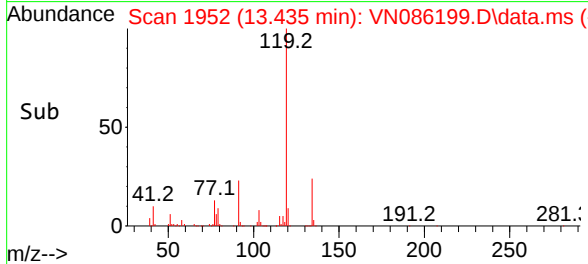
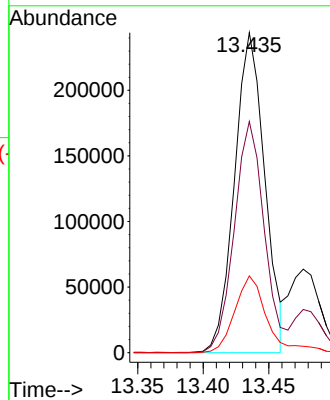
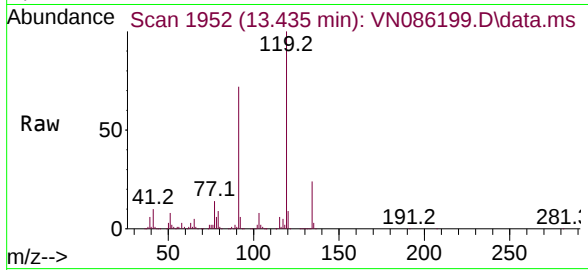




#83
 tert-Butylbenzene
 Concen: 51.569 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086199.D
 Acq: 01 Apr 2025 16:35

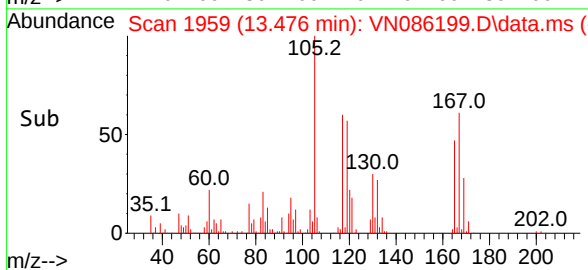
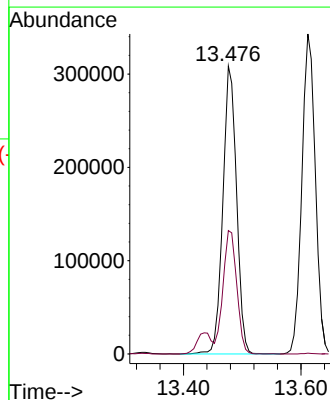
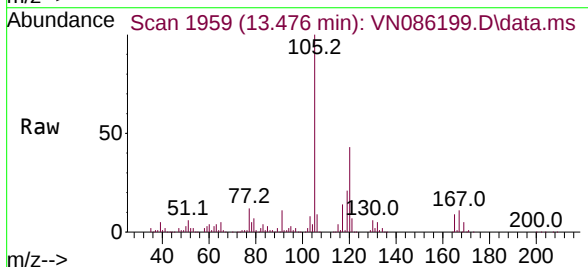
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

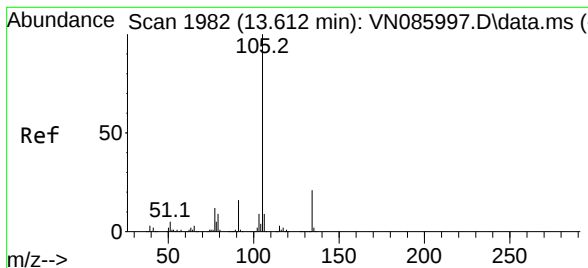
Tgt Ion:119 Resp: 392239
 Ion Ratio Lower Upper
 119 100
 91 72.0 34.3 102.9
 134 25.6 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 55.573 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086199.D
 Acq: 01 Apr 2025 16:35

Tgt Ion:105 Resp: 498491
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.9 65.8

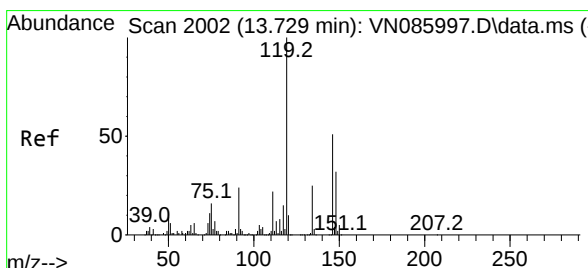
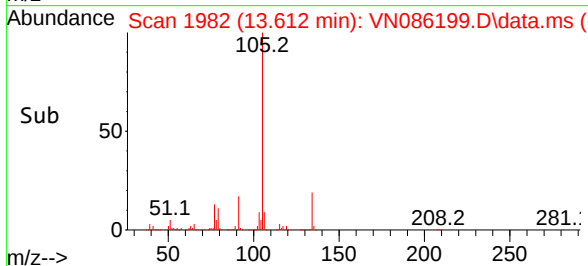
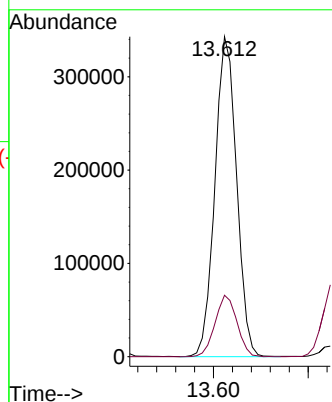
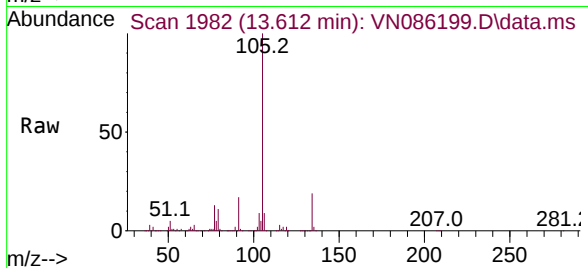




#85
 sec-Butylbenzene
 Concen: 54.996 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086199.D
 Acq: 01 Apr 2025 16:35

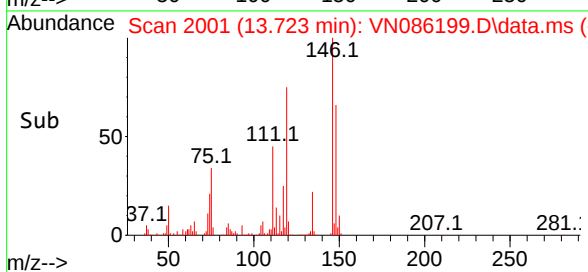
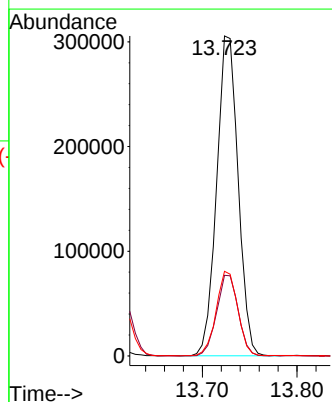
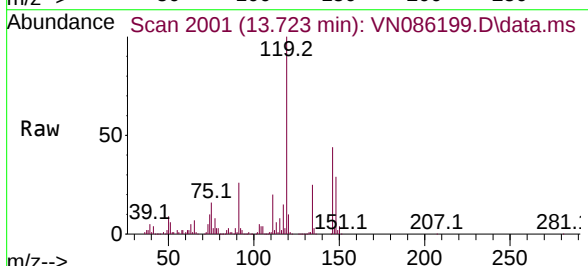
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

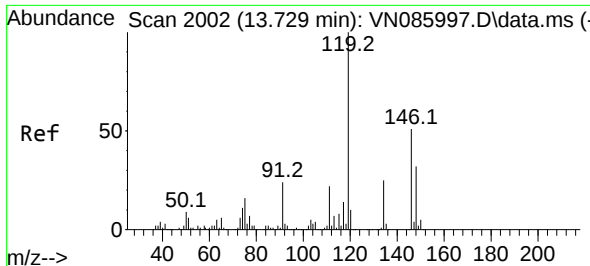
Tgt Ion:105 Resp: 545702
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 57.226 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086199.D
 Acq: 01 Apr 2025 16:35

Tgt Ion:119 Resp: 480671
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 26.4 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 50.031 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

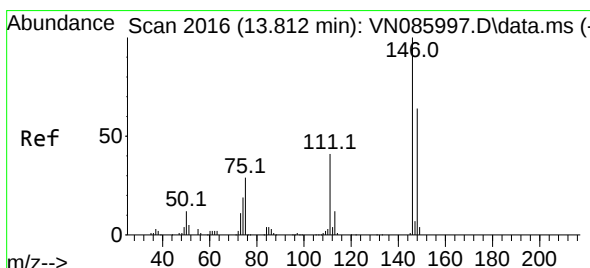
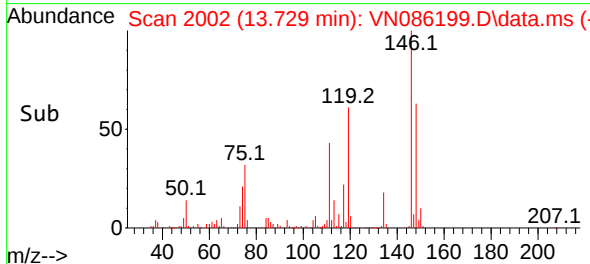
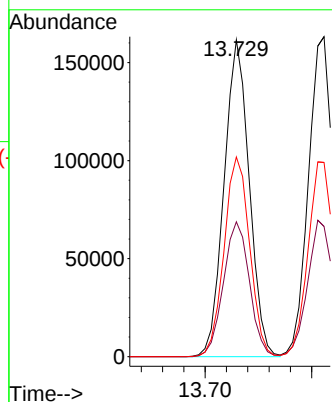
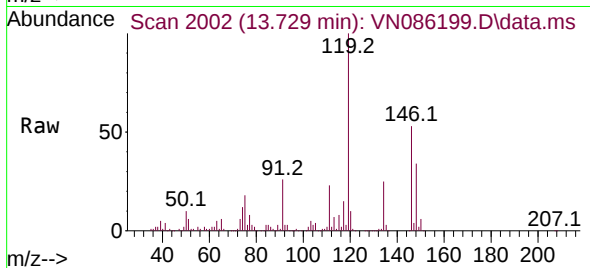
Tgt Ion:146 Resp: 264876

Ion Ratio Lower Upper

146 100

111 44.0 21.2 63.6

148 64.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.230 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

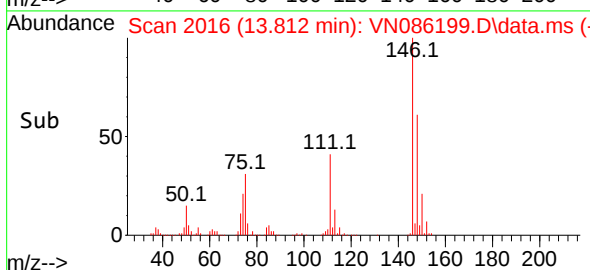
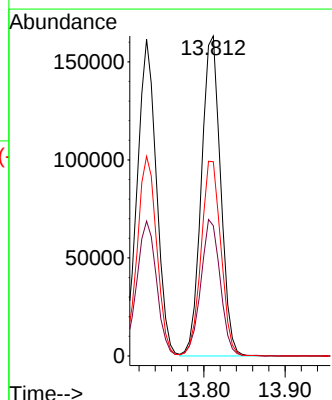
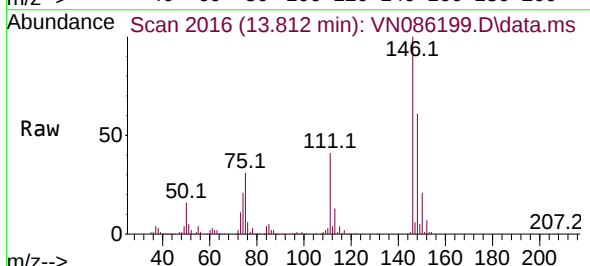
Tgt Ion:146 Resp: 268278

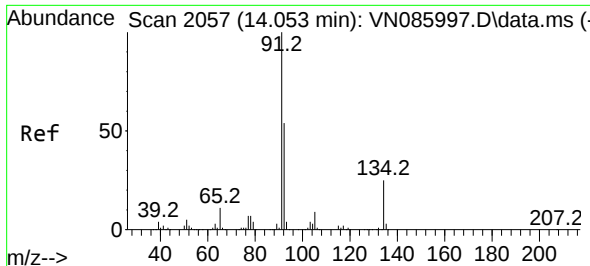
Ion Ratio Lower Upper

146 100

111 43.2 20.4 61.3

148 62.6 32.1 96.5

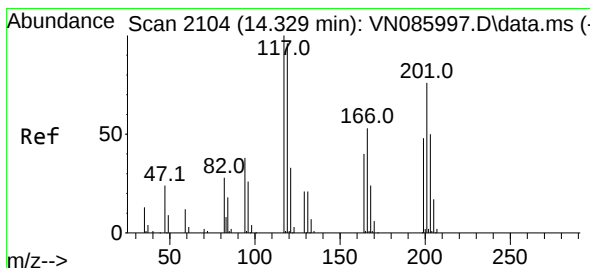
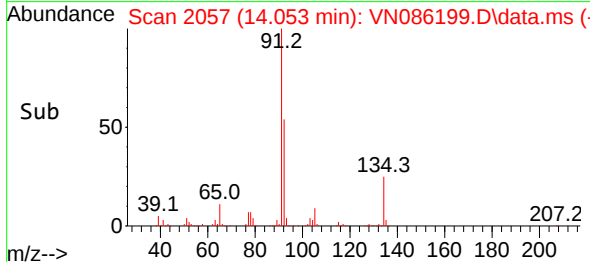
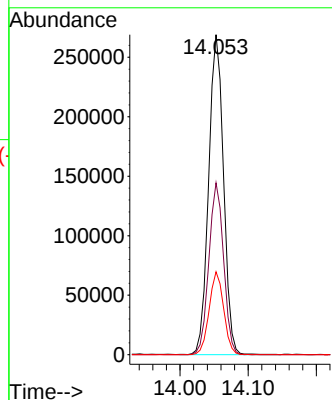
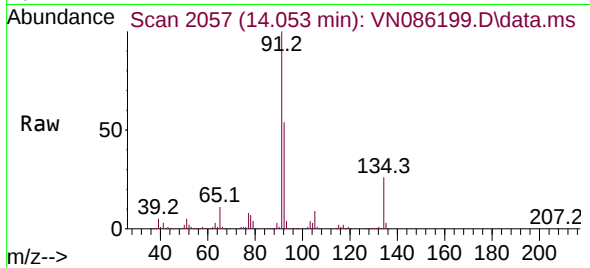




#89
n-Butylbenzene
Concen: 59.822 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

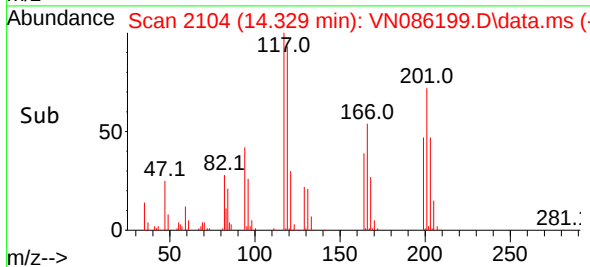
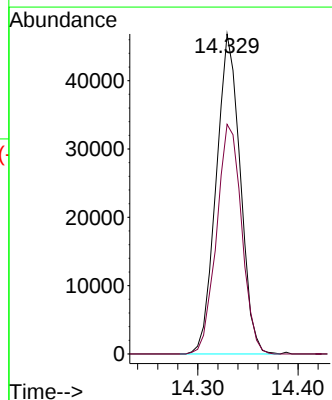
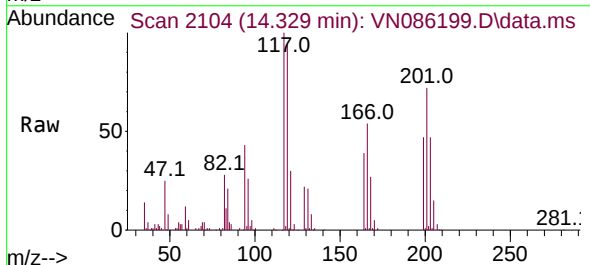
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

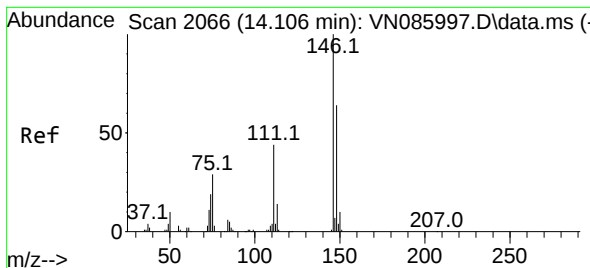
Tgt Ion: 91 Resp: 409183
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 25.2 13.0 39.0



#90
Hexachloroethane
Concen: 40.211 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

Tgt Ion: 117 Resp: 77934
Ion Ratio Lower Upper
117 100
201 74.9 39.1 117.3





#91

1,2-Dichlorobenzene

Concen: 49.606 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

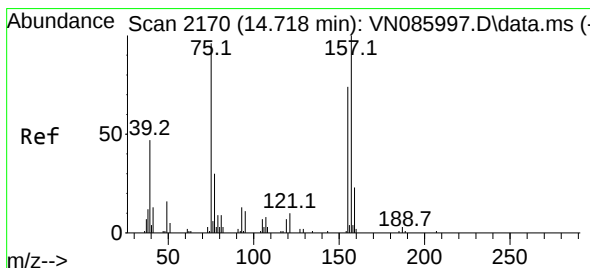
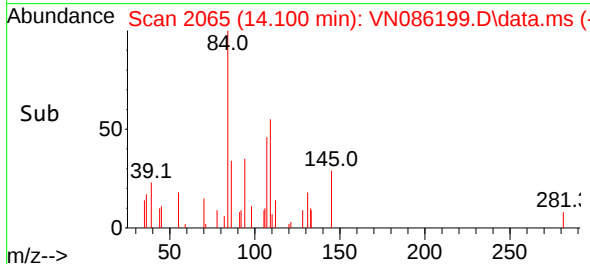
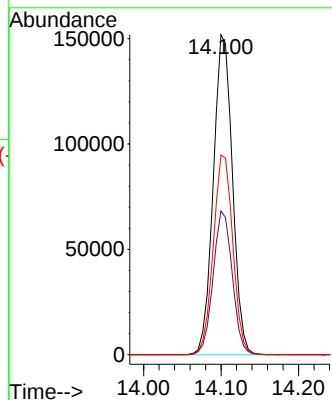
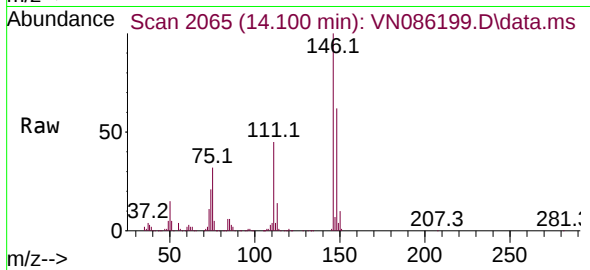
Tgt Ion:146 Resp: 261080

Ion Ratio Lower Upper

146 100

111 44.8 22.3 66.8

148 63.5 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.149 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

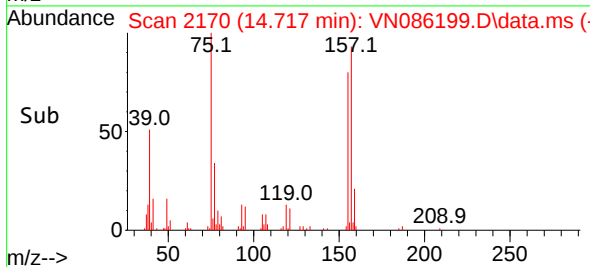
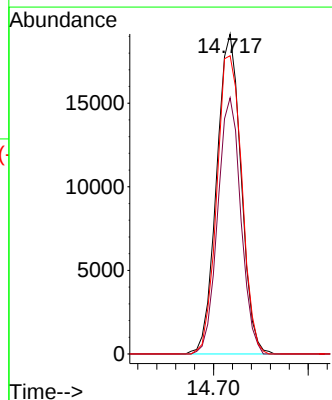
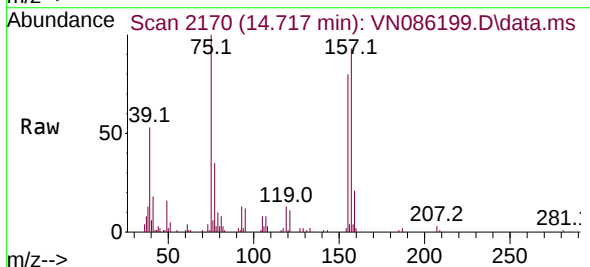
Tgt Ion: 75 Resp: 34251

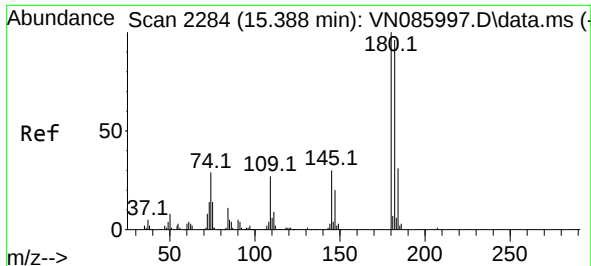
Ion Ratio Lower Upper

75 100

155 75.8 41.0 123.0

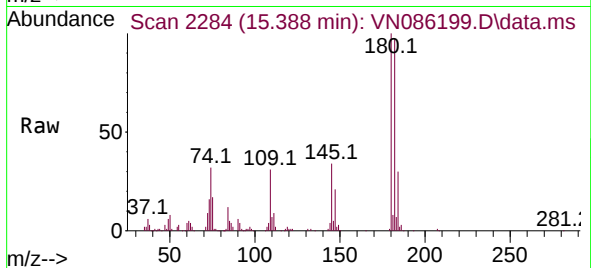
157 95.4 53.7 161.1



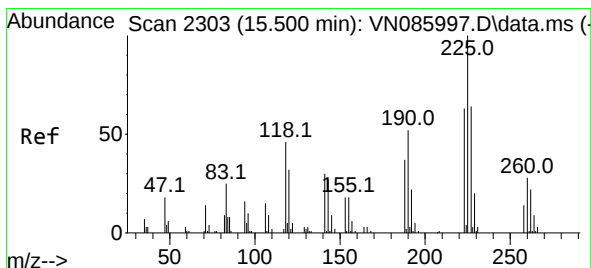
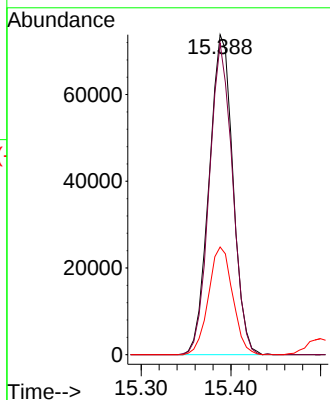
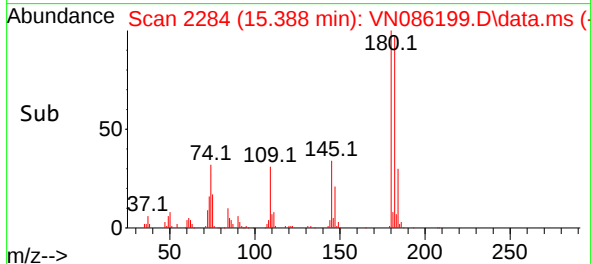


#93
1,2,4-Trichlorobenzene
Concen: 51.479 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35

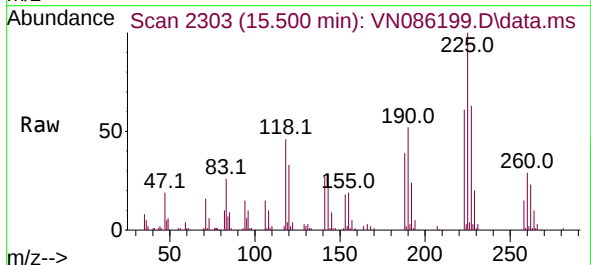
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



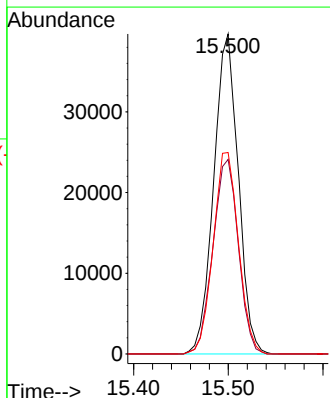
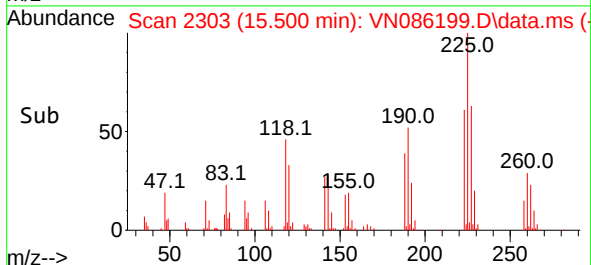
Tgt Ion:180 Resp: 136230
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.0
145 34.1 15.5 46.5

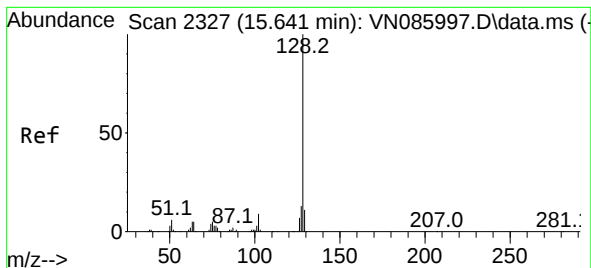


#94
Hexachlorobutadiene
Concen: 46.523 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086199.D
Acq: 01 Apr 2025 16:35



Tgt Ion:225 Resp: 71428
Ion Ratio Lower Upper
225 100
223 62.8 31.3 93.9
227 64.9 32.1 96.3





#95

Naphthalene

Concen: 53.925 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

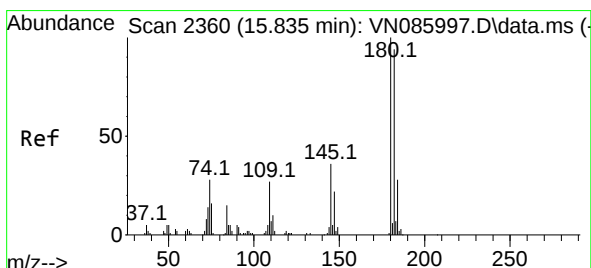
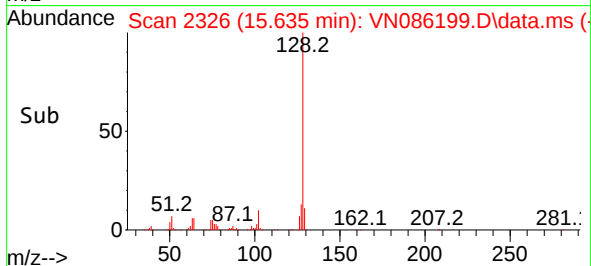
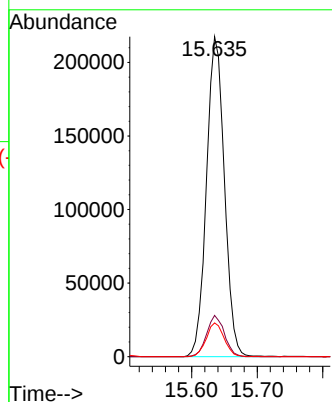
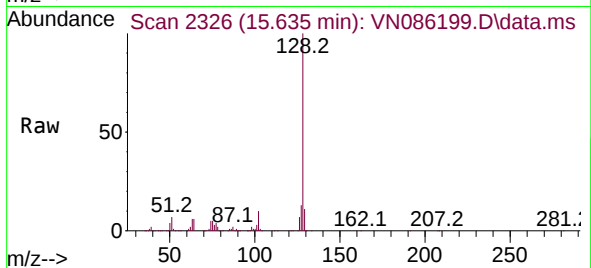
Tgt Ion:128 Resp: 413222

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.5 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 51.378 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086199.D

Acq: 01 Apr 2025 16:35

Tgt Ion:180 Resp: 129014

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 35.3 17.7 53.1

