

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076905.D
 Acq On : 09 Mar 2023 16:17
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 10 03:41:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	465577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	758397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	686100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	316092	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	278469	42.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.320%
35) Dibromofluoromethane	8.172	113	215747	45.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	10.572	98	835160	45.691	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.380%
62) 4-Bromofluorobenzene	12.848	95	309915	48.930	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	268194	49.505	ug/l	98
3) Chloromethane	2.378	50	194978	27.364	ug/l	100
4) Vinyl Chloride	2.531	62	186140	28.500	ug/l	97
5) Bromomethane	2.960	94	130860	30.492	ug/l	97
6) Chloroethane	3.131	64	119282	30.857	ug/l	99
7) Trichlorofluoromethane	3.513	101	455347	47.784	ug/l	96
8) Diethyl Ether	3.972	74	172757	47.128	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.390	101	257517	46.218	ug/l	98
10) Methyl Iodide	4.607	142	221570	38.127	ug/l #	92
11) Tert butyl alcohol	5.531	59	192915	199.023	ug/l	98
12) 1,1-Dichloroethene	4.360	96	240262	46.244	ug/l	93
13) Acrolein	4.190	56	251582	200.631	ug/l	98
14) Allyl chloride	5.043	41	351150	40.482	ug/l #	85
15) Acrylonitrile	5.731	53	650283	208.605	ug/l	99
16) Acetone	4.443	43	557748	195.749	ug/l	98
17) Carbon Disulfide	4.731	76	630393	44.693	ug/l	99
18) Methyl Acetate	5.043	43	387455	39.684	ug/l #	88
19) Methyl tert-butyl Ether	5.807	73	856857	48.094	ug/l	98
20) Methylene Chloride	5.290	84	274860	41.346	ug/l #	88
21) trans-1,2-Dichloroethene	5.801	96	256068	45.583	ug/l	86
22) Diisopropyl ether	6.684	45	826370	42.345	ug/l	95
23) Vinyl Acetate	6.613	43	2674657	215.171	ug/l	94
24) 1,1-Dichloroethane	6.578	63	495832	44.556	ug/l	98
25) 2-Butanone	7.489	43	821803	197.445	ug/l	89
26) 2,2-Dichloropropane	7.501	77	409467	50.244	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	303797	46.163	ug/l	90
28) Bromochloromethane	7.819	49	194941	41.426	ug/l	84
29) Tetrahydrofuran	7.848	42	523000	194.784	ug/l #	84
30) Chloroform	7.972	83	515115	46.606	ug/l	99
31) Cyclohexane	8.266	56	450156	40.824	ug/l	86
32) 1,1,1-Trichloroethane	8.178	97	468644	48.965	ug/l	98
36) 1,1-Dichloropropene	8.378	75	376449	49.368	ug/l	96
37) Ethyl Acetate	7.566	43	322005	41.140	ug/l	94
38) Carbon Tetrachloride	8.372	117	407523	52.608	ug/l	97
39) Methylcyclohexane	9.607	83	475847	50.628	ug/l #	87
40) Benzene	8.613	78	1114264	47.971	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	188625	44.131	ug/l #	87
42) 1,2-Dichloroethane	8.678	62	399528	49.376	ug/l	96
43) Isopropyl Acetate	8.695	43	547957	45.731	ug/l #	92
44) Trichloroethene	9.354	130	279867	50.816	ug/l	96
45) 1,2-Dichloropropane	9.625	63	285442	47.553	ug/l	100
46) Dibromomethane	9.713	93	189980	49.831	ug/l	96
47) Bromodichloromethane	9.889	83	412169	52.588	ug/l	98
48) Methyl methacrylate	9.683	41	265619	45.620	ug/l	84
49) 1,4-Dioxane	9.695	88	94324	883.861	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	1681684	222.505	ug/l	94
52) Toluene	10.630	92	718514	51.950	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	416768	54.857	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	465038	53.289	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	270496	49.164	ug/l	97
56) Ethyl methacrylate	10.877	69	430477	52.512	ug/l #	87
57) 1,3-Dichloropropane	11.166	76	472033	49.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	717047	252.448	ug/l	94
59) 2-Hexanone	11.195	43	1218583	222.505	ug/l	92
60) Dibromochloromethane	11.360	129	297982	54.962	ug/l	98
61) 1,2-Dibromoethane	11.472	107	272668	51.562	ug/l	99
64) Tetrachloroethene	11.107	164	260815	51.082	ug/l	97
65) Chlorobenzene	11.895	112	717383	48.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	277269	51.695	ug/l	98
67) Ethyl Benzene	11.966	91	1379741	51.248	ug/l	96
68) m/p-Xylenes	12.071	106	1032907	101.972	ug/l	90
69) o-Xylene	12.401	106	507923	50.920	ug/l	86
70) Styrene	12.413	104	836988	53.519	ug/l #	93
71) Bromoform	12.583	173	205329	56.241	ug/l #	97
73) Isopropylbenzene	12.701	105	1360682	49.384	ug/l	95
74) N-amyl acetate	12.495	43	474131	44.000	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.942	83	383547	43.436	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	489300	61.379	ug/l	63
77) Bromobenzene	12.983	156	294636	48.324	ug/l	90
78) n-propylbenzene	13.036	91	1601878	50.982	ug/l	96
79) 2-Chlorotoluene	13.130	91	971911	48.220	ug/l	92
80) 1,3,5-Trimethylbenzene	13.177	105	1181671	51.171	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.736	75	113552	46.978	ug/l	88
82) 4-Chlorotoluene	13.224	91	943969	49.402	ug/l	92
83) tert-Butylbenzene	13.442	119	987678	50.051	ug/l	91
84) 1,2,4-Trimethylbenzene	13.483	105	1157988	50.836	ug/l	95
85) sec-Butylbenzene	13.618	105	1420318	51.552	ug/l	96
86) p-Isopropyltoluene	13.730	119	1184232	53.739	ug/l	95
87) 1,3-Dichlorobenzene	13.736	146	554548	49.812	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	542758	48.014	ug/l	98
89) n-Butylbenzene	14.060	91	1028248	54.011	ug/l	99
90) Hexachloroethane	14.336	117	197463	49.595	ug/l	88
91) 1,2-Dichlorobenzene	14.107	146	548271	48.618	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	80352	48.023	ug/l	87
93) 1,2,4-Trichlorobenzene	15.395	180	322154	57.103	ug/l	99
94) Hexachlorobutadiene	15.501	225	169645	57.752	ug/l	98
95) Naphthalene	15.642	128	990434	54.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	322619	58.181	ug/l	98

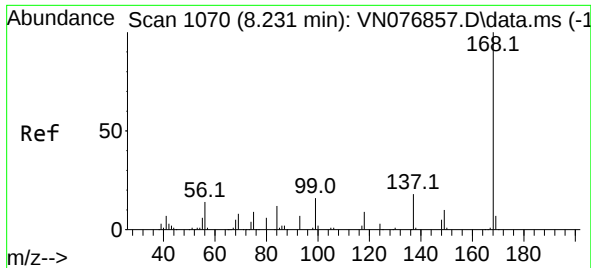
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Quant Title : SW846 8260
QLast Update : Tue Mar 07 08:45:33 2023
Response via : Initial Calibration

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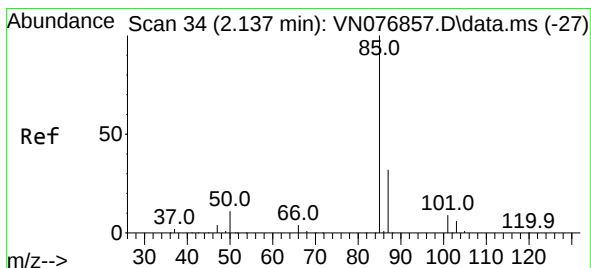
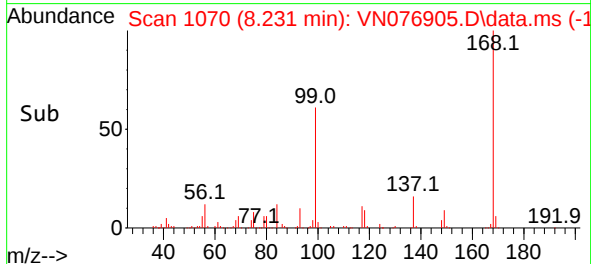
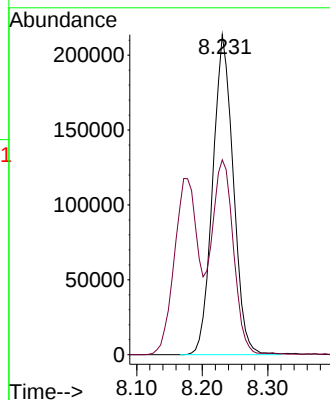
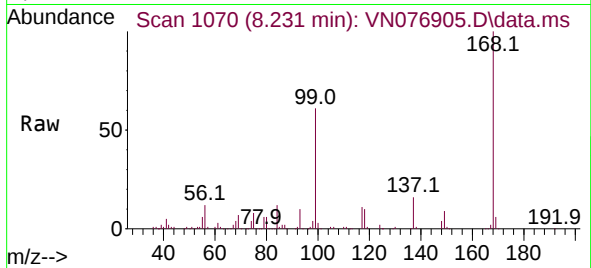
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

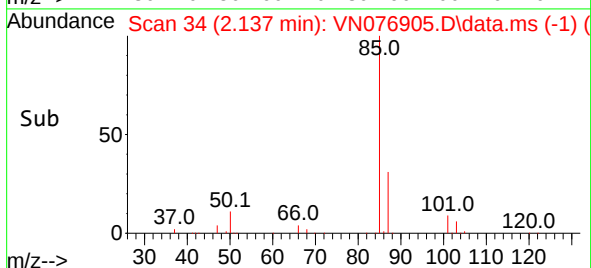
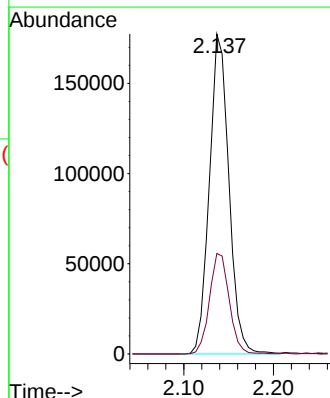
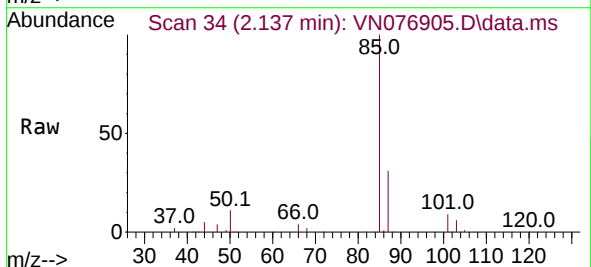
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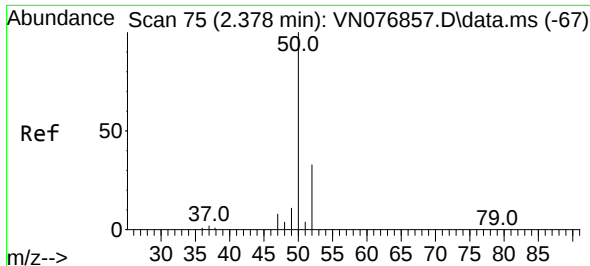
Tgt Ion:168 Resp: 465577
Ion Ratio Lower Upper
168 100
99 60.6 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 49.505 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 85 Resp: 268194
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.6

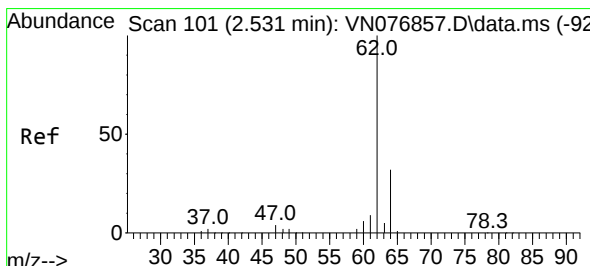
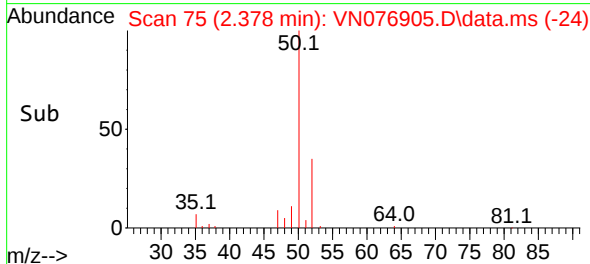
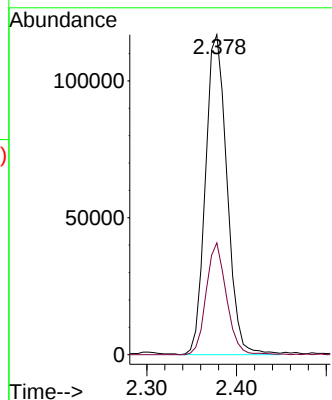
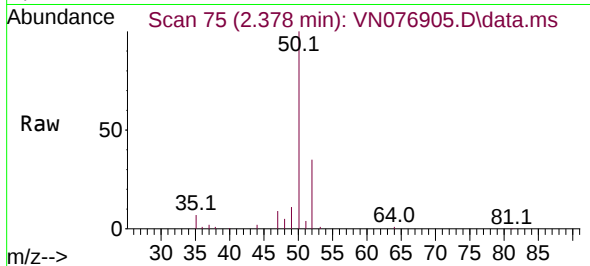




#3
Chloromethane
Concen: 27.364 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

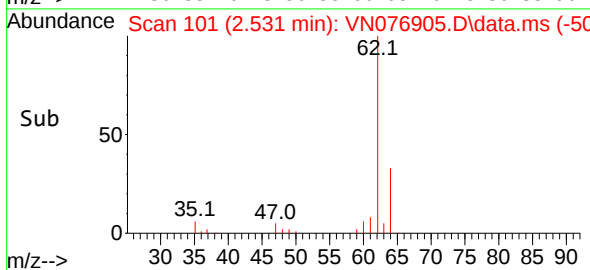
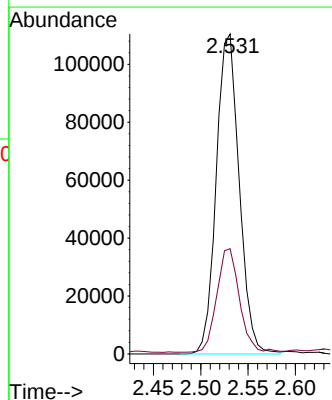
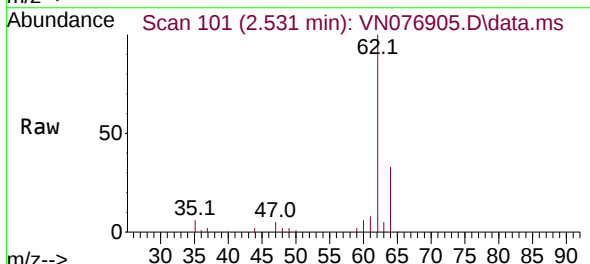
Instrument :
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ClientSampleId :
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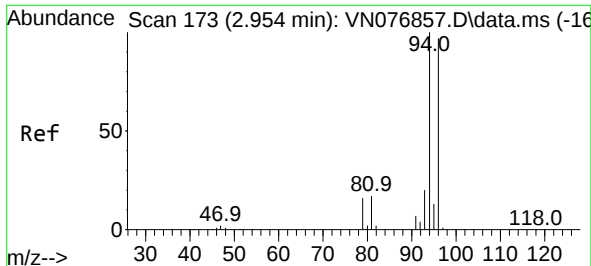
Tgt Ion: 50 Resp: 194978
Ion Ratio Lower Upper
50 100
52 34.9 27.9 41.9



#4
Vinyl Chloride
Concen: 28.500 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 62 Resp: 186140
Ion Ratio Lower Upper
62 100
64 32.4 24.5 36.7

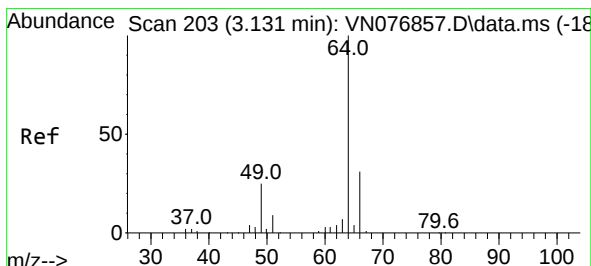
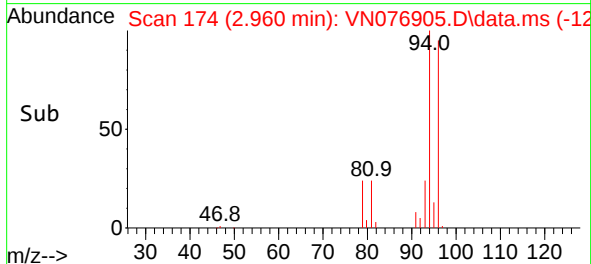
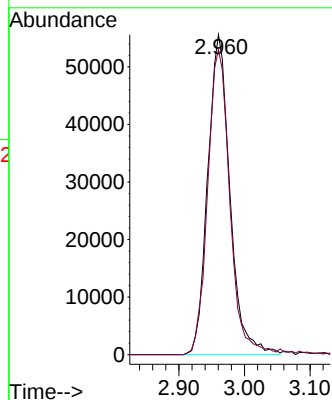
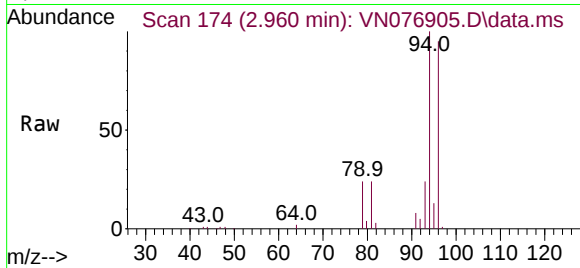




#5
Bromomethane
Concen: 30.492 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

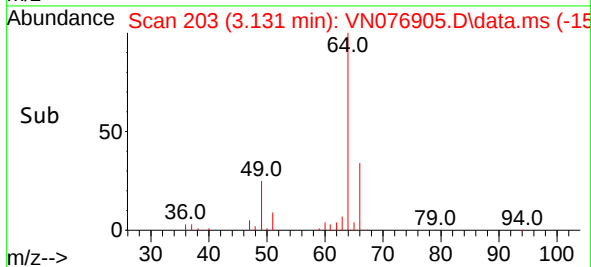
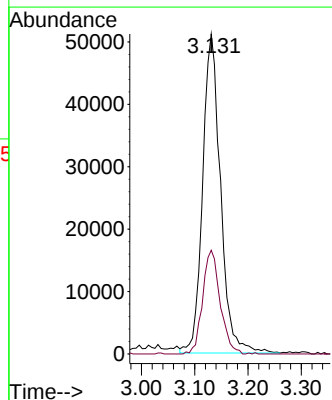
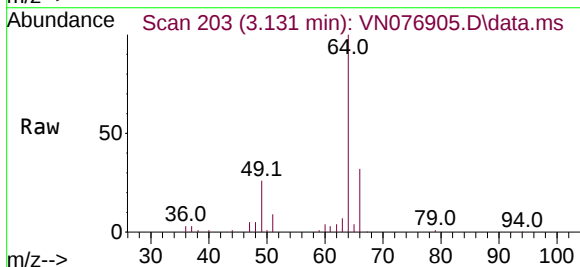
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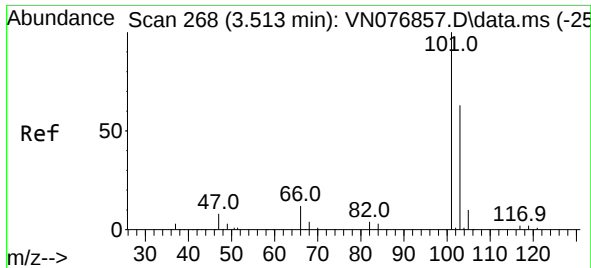
Tgt Ion: 94 Resp: 130860
Ion Ratio Lower Upper
94 100
96 95.3 79.0 118.6



#6
Chloroethane
Concen: 30.857 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 64 Resp: 119282
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

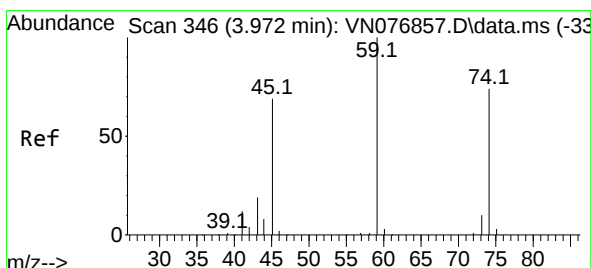
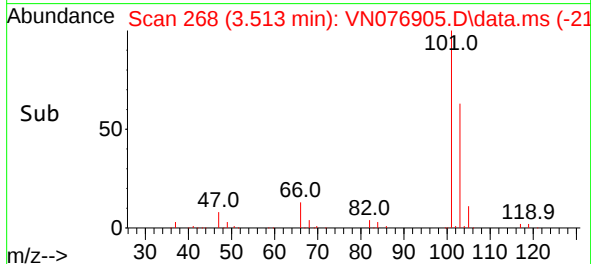
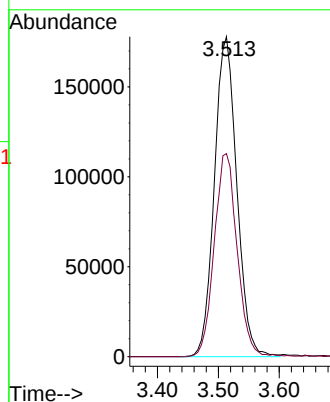
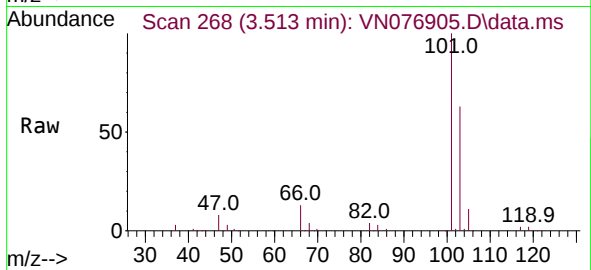




#7
 Trichlorofluoromethane
 Concen: 47.784 ug/l
 RT: 3.513 min Scan# 268
 Delta R.T. 0.000 min
 Lab File: VN076905.D
 Acq: 09 Mar 2023 16:17

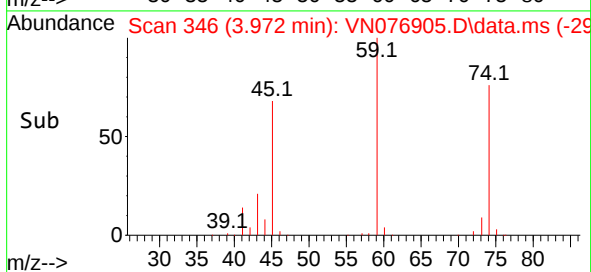
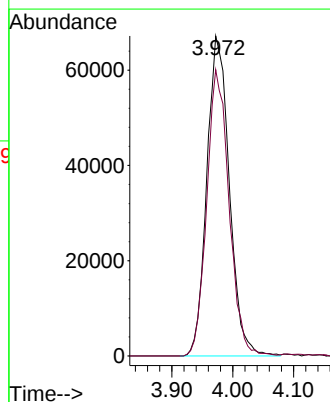
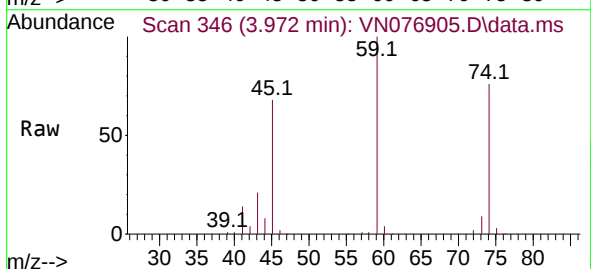
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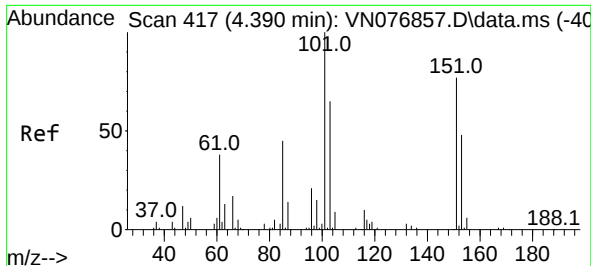
Tgt Ion:101 Resp: 455347
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.4 80.0



#8
 Diethyl Ether
 Concen: 47.128 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN076905.D
 Acq: 09 Mar 2023 16:17

Tgt Ion: 74 Resp: 172757
 Ion Ratio Lower Upper
 74 100
 45 88.7 35.5 106.5

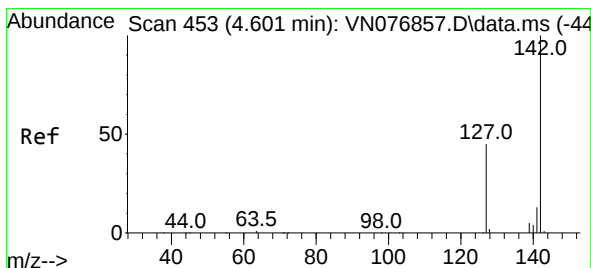
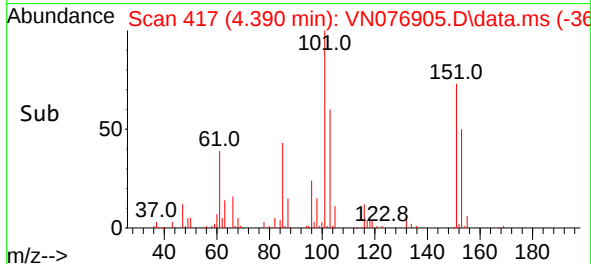
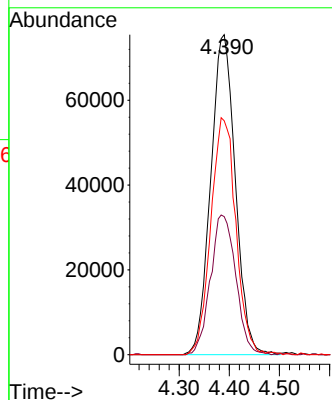
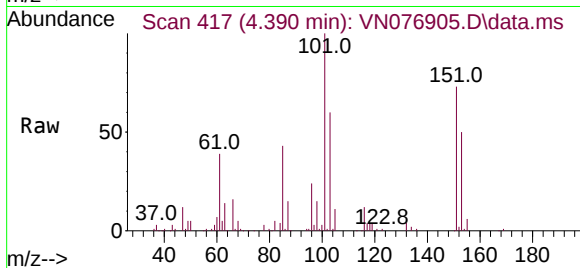




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.218 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

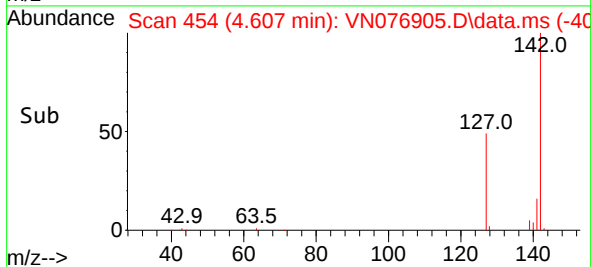
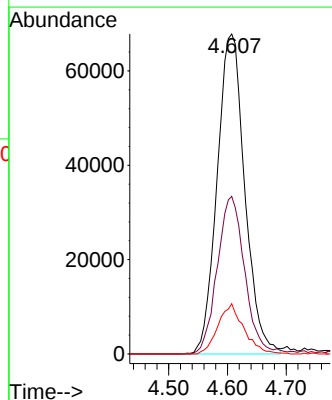
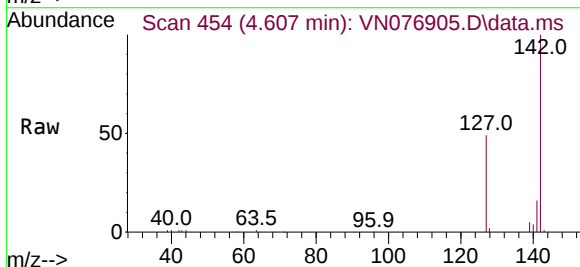
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

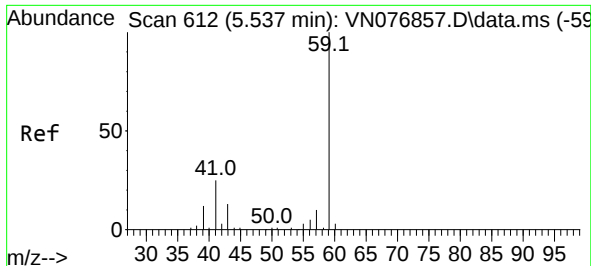
Tgt Ion:101 Resp: 257517
Ion Ratio Lower Upper
101 100
85 44.9 35.2 52.8
151 75.0 58.9 88.3



#10
Methyl Iodide
Concen: 38.127 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion:142 Resp: 221570
Ion Ratio Lower Upper
142 100
127 49.2 35.2 52.8
141 15.7 10.2 15.2#

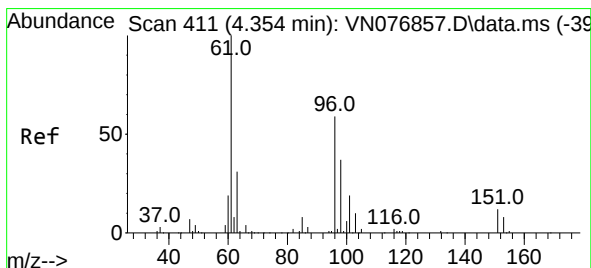
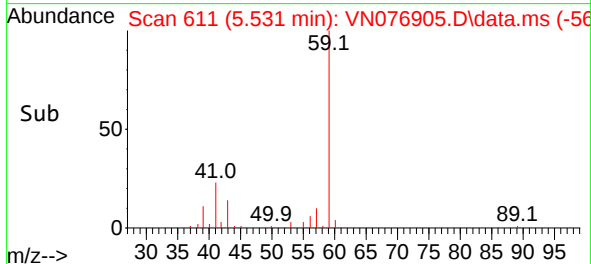
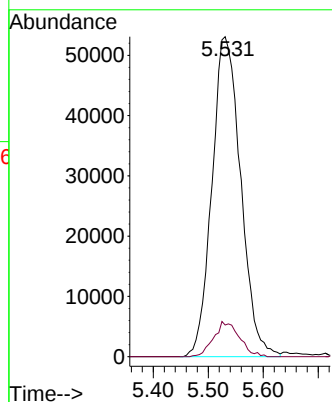
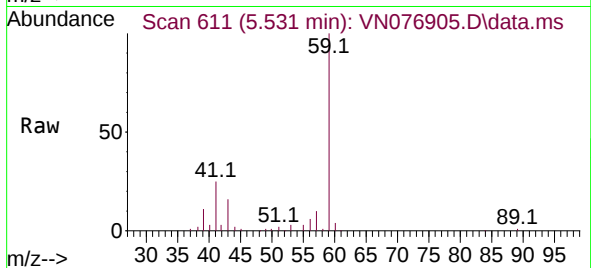




#11
Tert butyl alcohol
Concen: 199.023 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

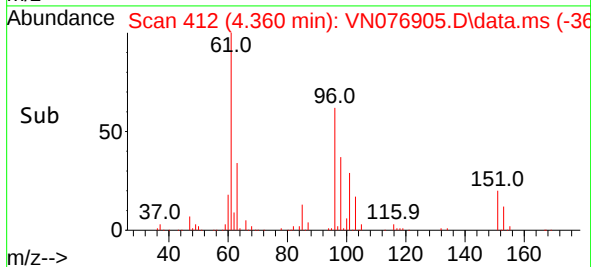
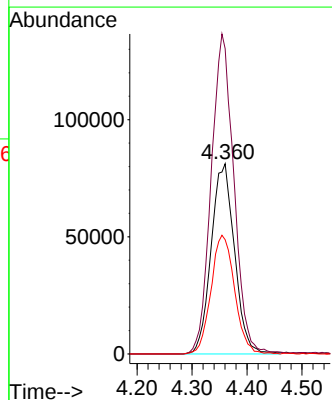
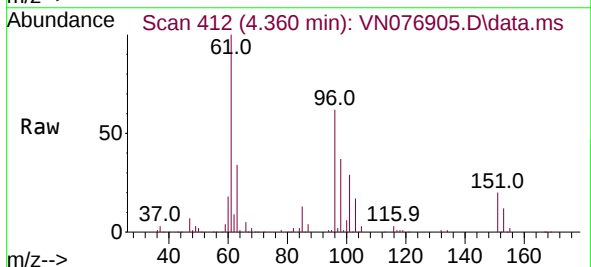
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

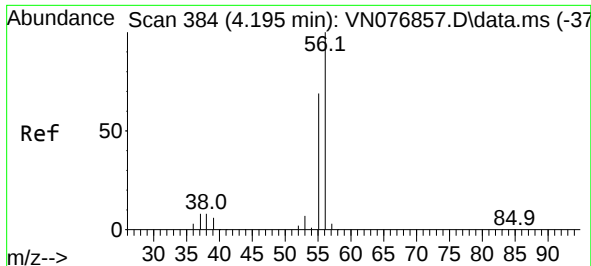
Tgt Ion: 59 Resp: 192915
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 46.244 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 96 Resp: 240262
Ion Ratio Lower Upper
96 100
61 160.5 121.3 181.9
98 60.0 52.1 78.1





#13

Acrolein

Concen: 200.631 ug/l

RT: 4.190 min Scan# 384

Delta R.T. -0.005 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

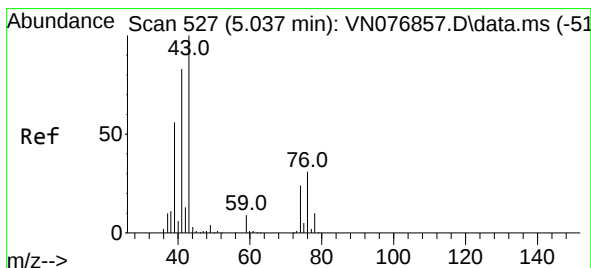
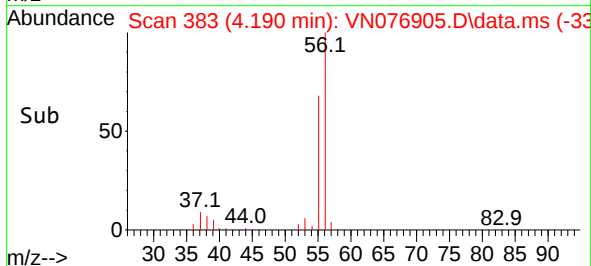
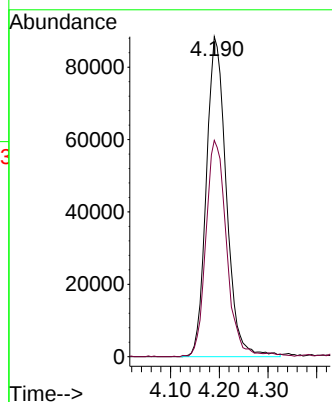
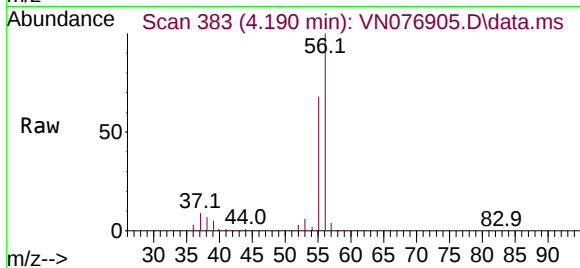
VSTDCCC050

Tgt Ion: 56 Resp: 251582

Ion Ratio Lower Upper

56 100

55 69.5 56.7 85.1



#14

Allyl chloride

Concen: 40.482 ug/l

RT: 5.043 min Scan# 528

Delta R.T. 0.006 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

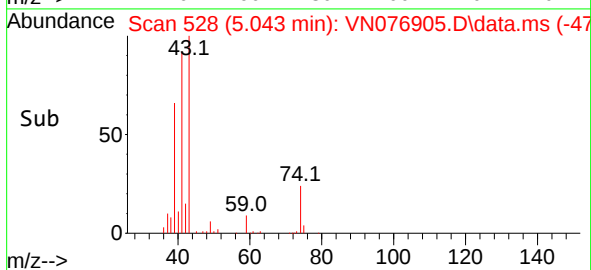
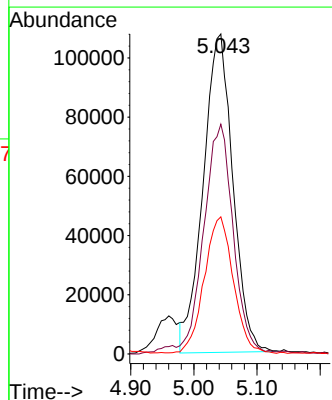
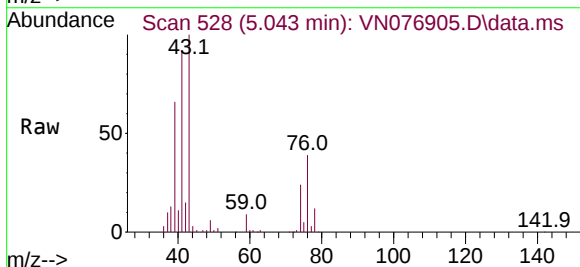
Tgt Ion: 41 Resp: 351150

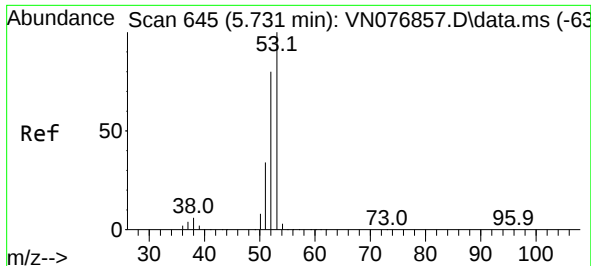
Ion Ratio Lower Upper

41 100

39 72.9 68.1 102.1

76 41.9 44.1 66.1#

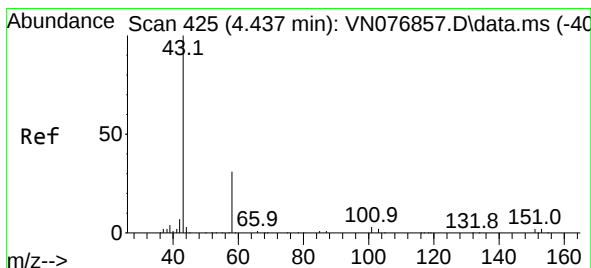
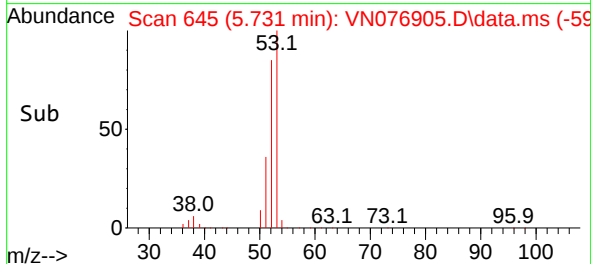
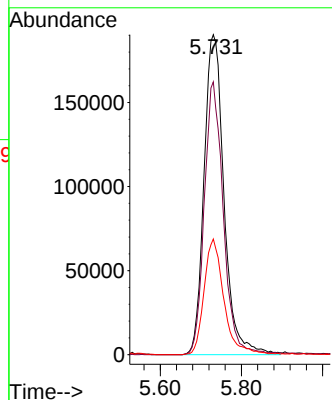
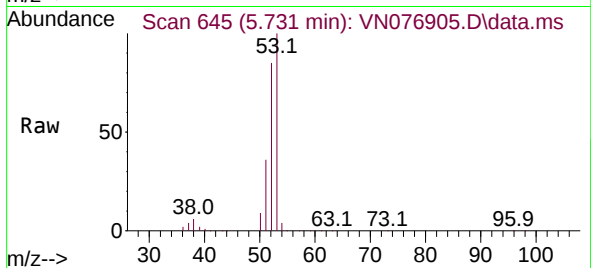




#15
Acrylonitrile
Concen: 208.605 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

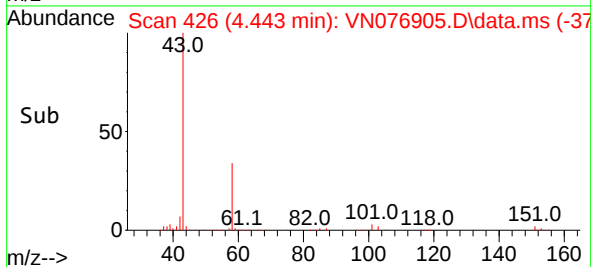
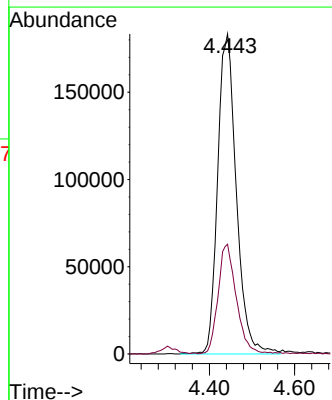
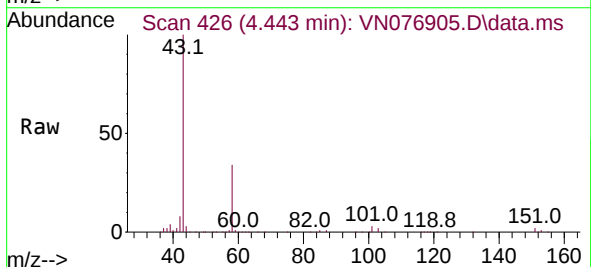
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

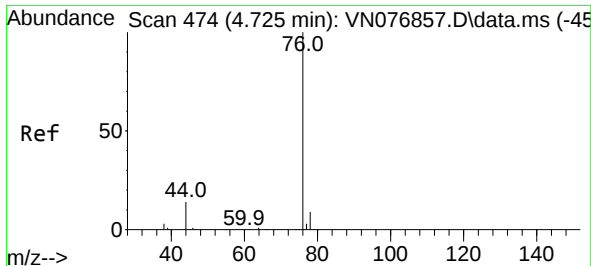
Tgt Ion: 53 Resp: 650283
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 35.9 28.8 43.2



#16
Acetone
Concen: 195.749 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 43 Resp: 557748
Ion Ratio Lower Upper
43 100
58 33.8 28.2 42.2

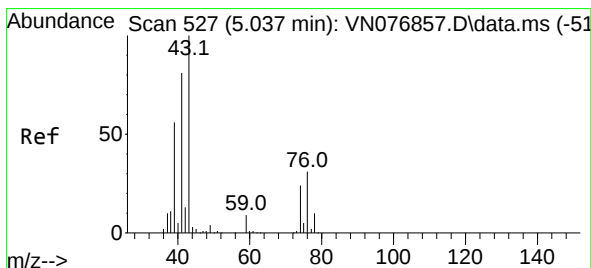
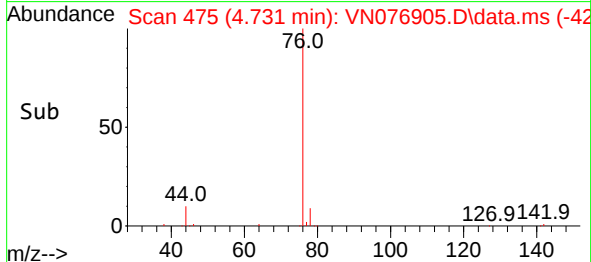
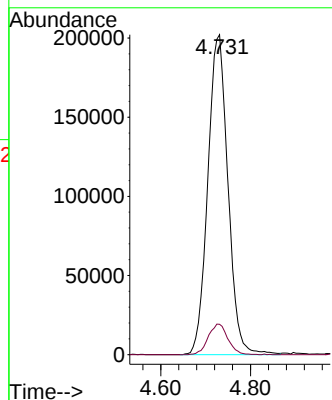
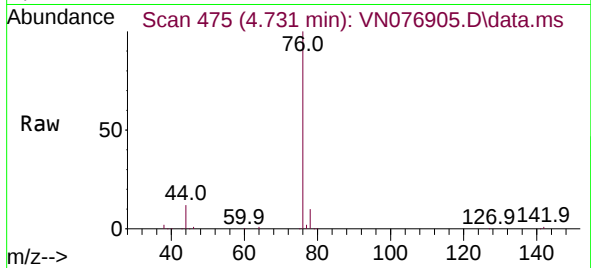




#17
Carbon Disulfide
Concen: 44.693 ug/l
RT: 4.731 min Scan# 475
Delta R.T. 0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

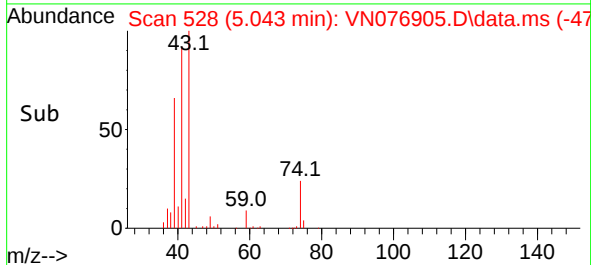
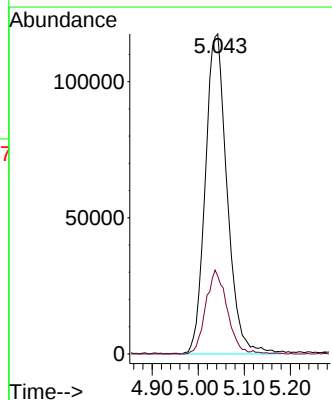
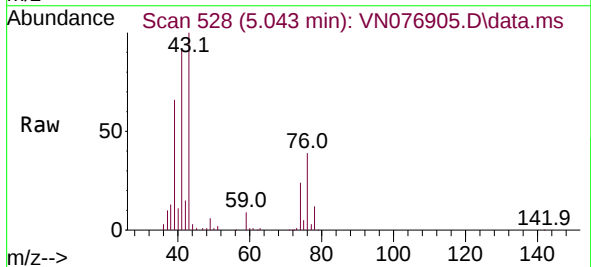
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

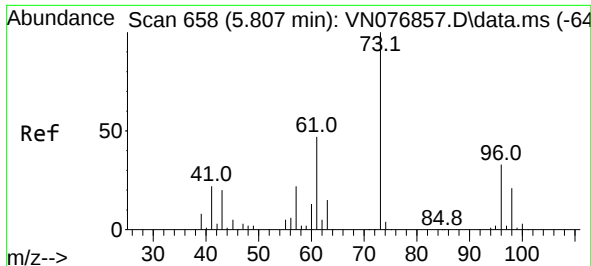
Tgt Ion: 76 Resp: 630393
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8



#18
Methyl Acetate
Concen: 39.684 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 43 Resp: 387455
Ion Ratio Lower Upper
43 100
74 25.5 25.9 38.9#





#19

Methyl tert-butyl Ether

Concen: 48.094 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

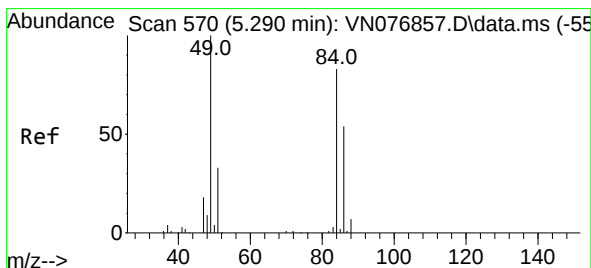
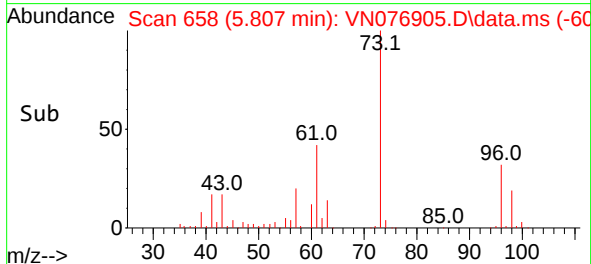
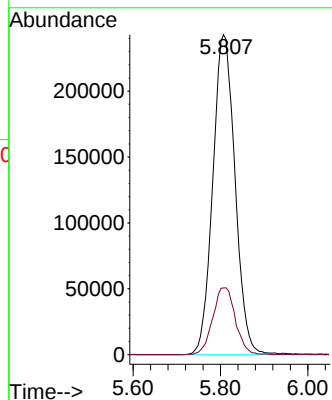
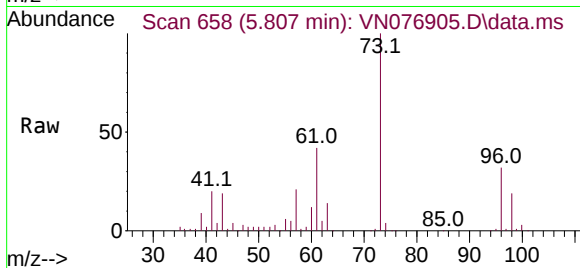
VSTDCCC050

Tgt Ion: 73 Resp: 856857

Ion Ratio Lower Upper

73 100

57 20.9 16.1 24.1



#20

Methylene Chloride

Concen: 41.346 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Tgt Ion: 84 Resp: 274860

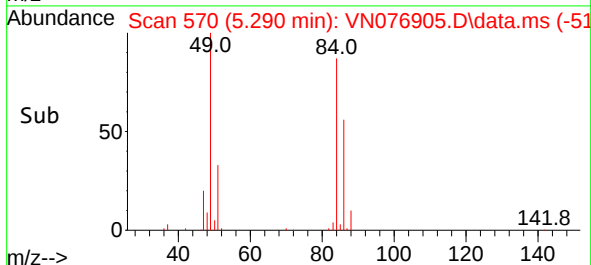
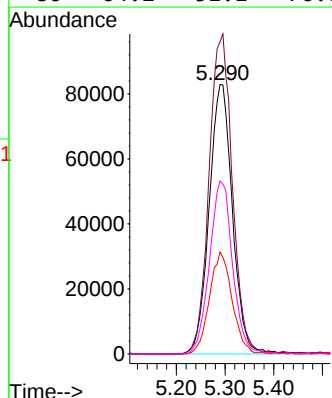
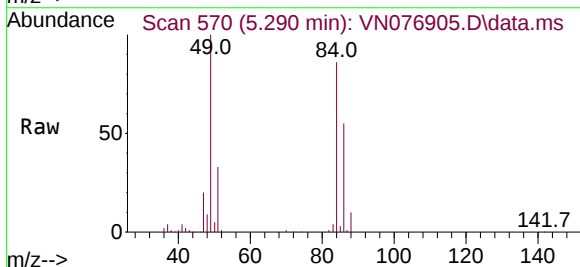
Ion Ratio Lower Upper

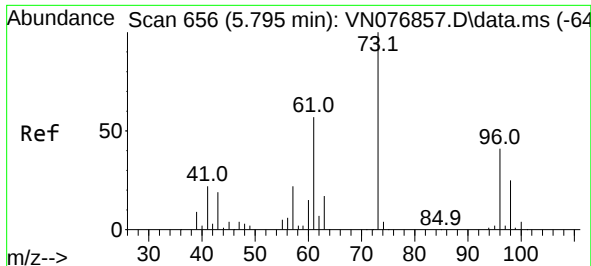
84 100

49 115.9 76.6 114.8#

51 37.9 25.4 38.2

86 64.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.583 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

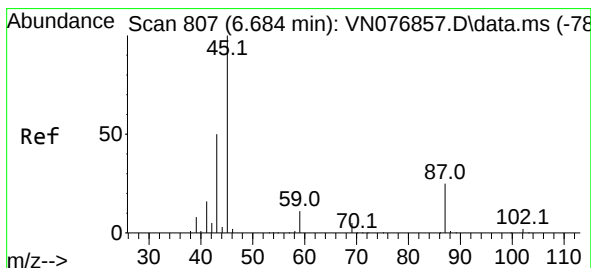
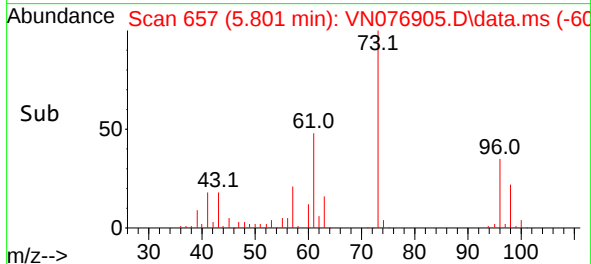
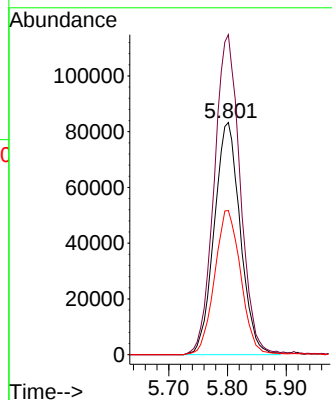
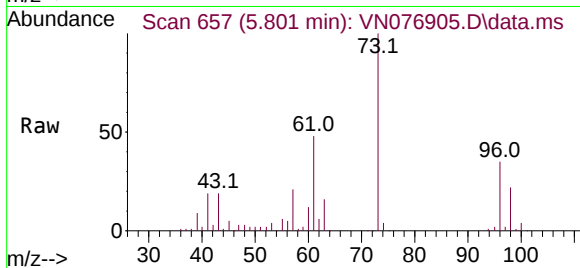
Tgt Ion: 96 Resp: 256068

Ion Ratio Lower Upper

96 100

61 137.9 95.0 142.6

98 62.1 54.5 81.7



#22

Diisopropyl ether

Concen: 42.345 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Tgt Ion: 45 Resp: 826370

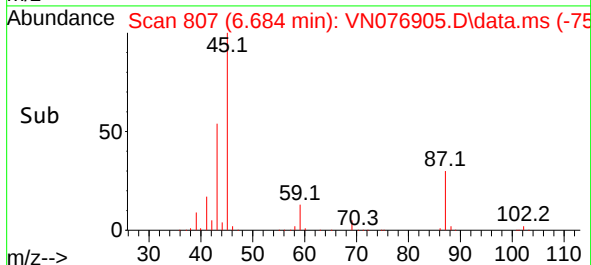
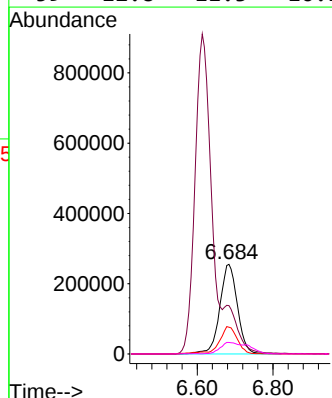
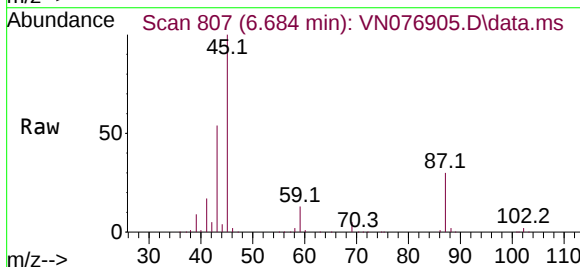
Ion Ratio Lower Upper

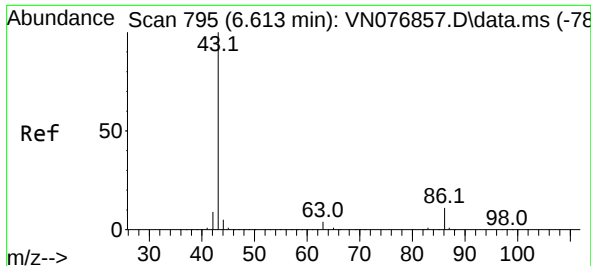
45 100

43 53.1 42.6 63.8

87 29.9 29.7 44.5

59 12.8 11.3 16.9

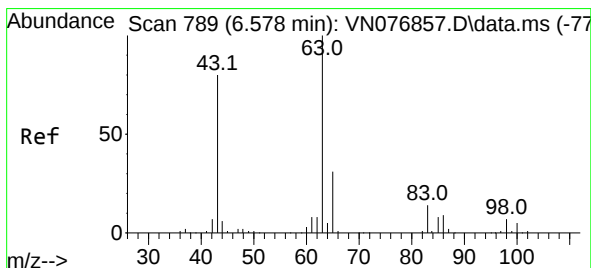
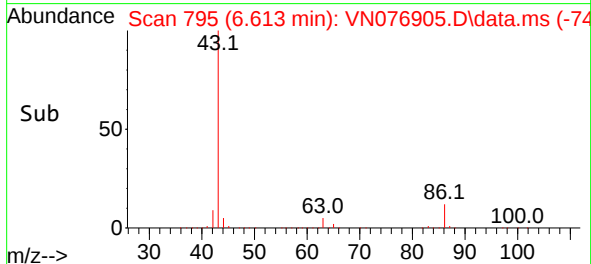
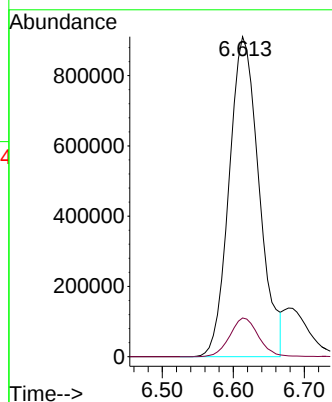
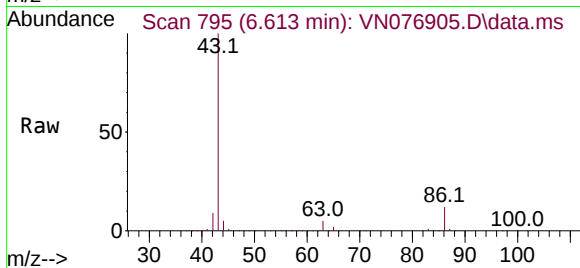




#23
 Vinyl Acetate
 Concen: 215.171 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076905.D
 Acq: 09 Mar 2023 16:17

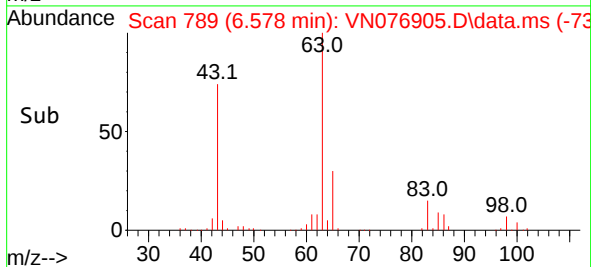
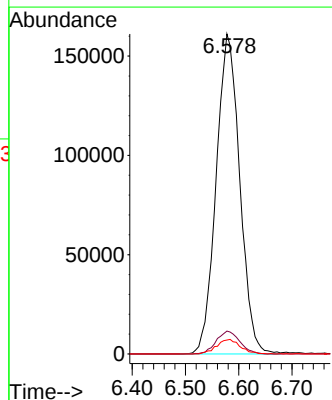
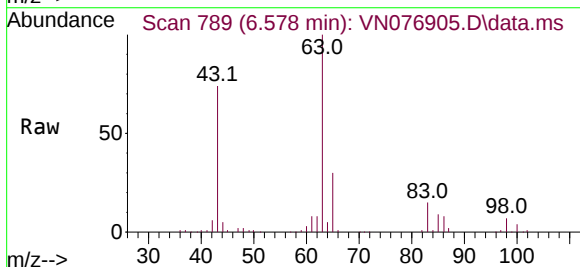
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

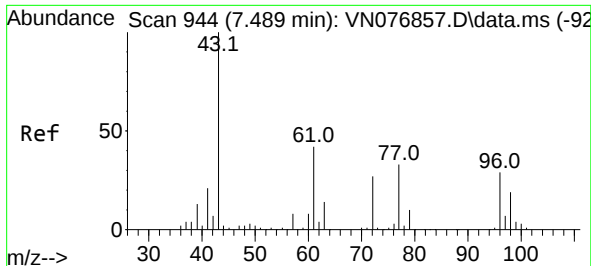
Tgt Ion: 43 Resp: 2674657
 Ion Ratio Lower Upper
 43 100
 86 12.1 11.8 17.6



#24
 1,1-Dichloroethane
 Concen: 44.556 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076905.D
 Acq: 09 Mar 2023 16:17

Tgt Ion: 63 Resp: 495832
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.2 12.6
 100 4.4 2.2 6.6

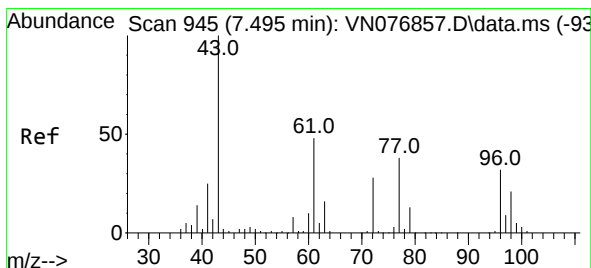
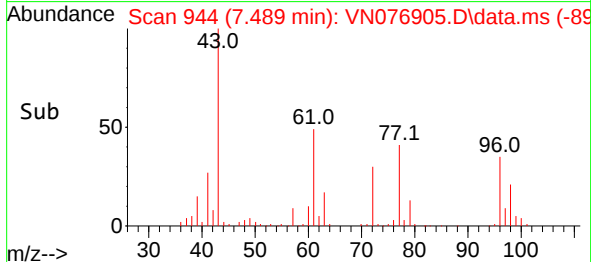
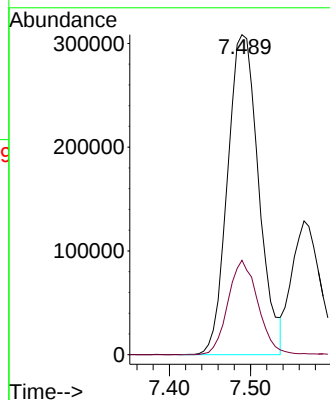
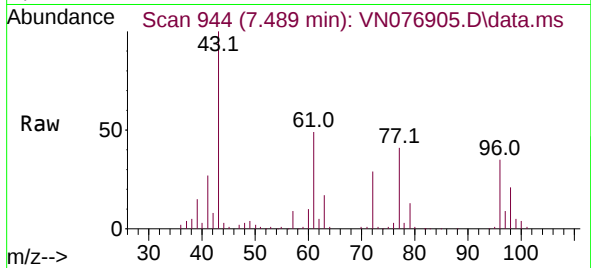




#25
2-Butanone
Concen: 197.445 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

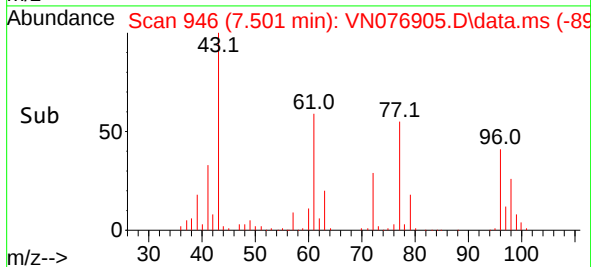
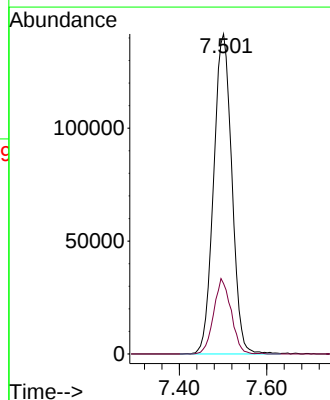
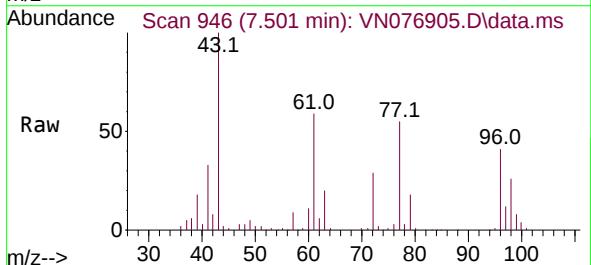
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

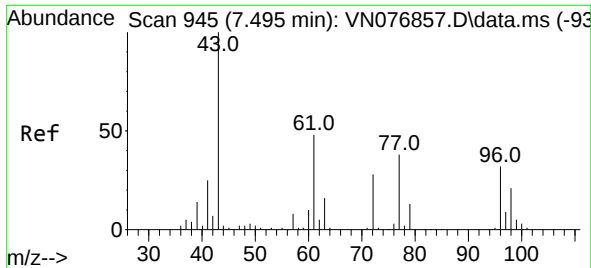
Tgt Ion: 43 Resp: 821803
Ion Ratio Lower Upper
43 100
72 29.5 28.8 43.2



#26
2,2-Dichloropropane
Concen: 50.244 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 77 Resp: 409467
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5



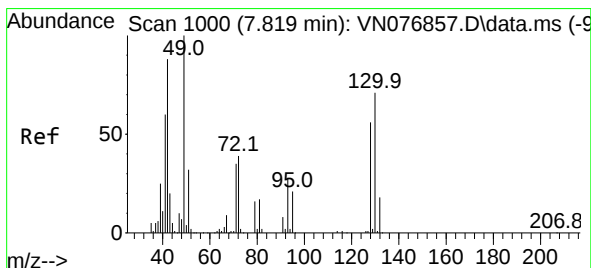
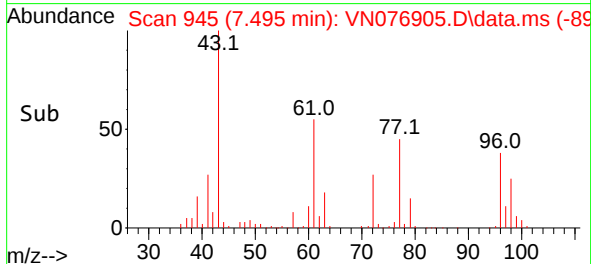
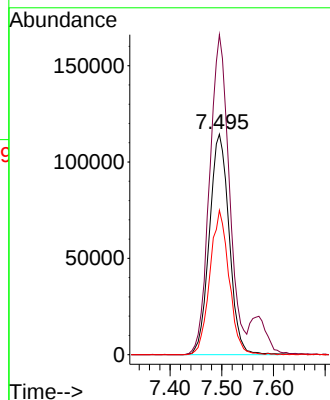
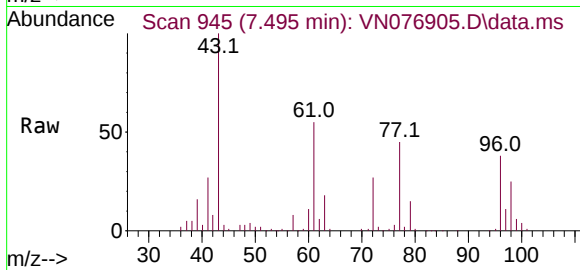


#27
 cis-1,2-Dichloroethene
 Concen: 46.163 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076905.D
 Acq: 09 Mar 2023 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 303797

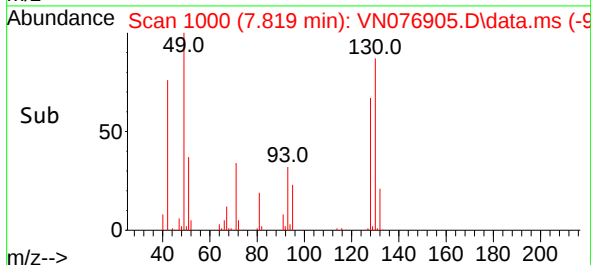
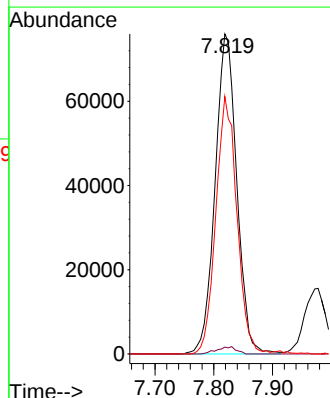
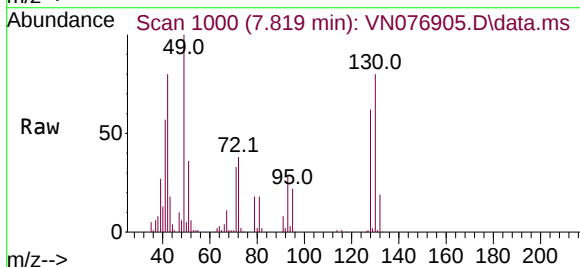
Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	255.6
98	63.6	0.0	127.4

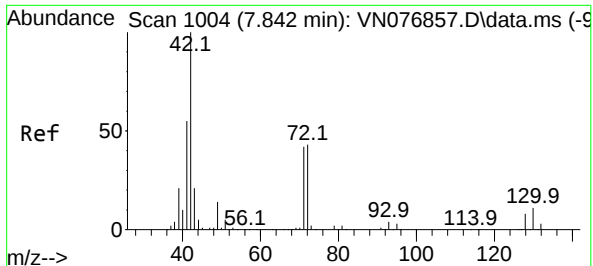


#28
 Bromochloromethane
 Concen: 41.426 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076905.D
 Acq: 09 Mar 2023 16:17

Tgt Ion: 49 Resp: 194941

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	77.9	74.8	112.2





#29

Tetrahydrofuran

Concen: 194.784 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

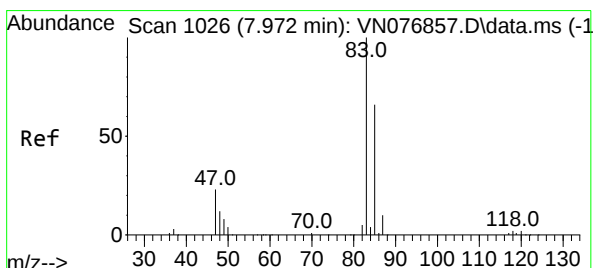
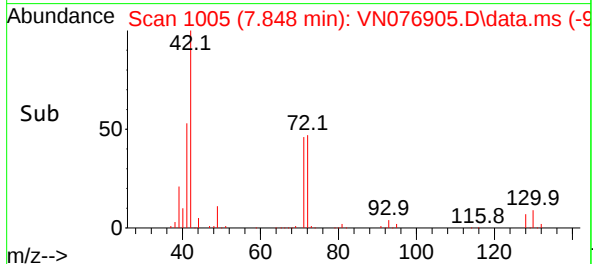
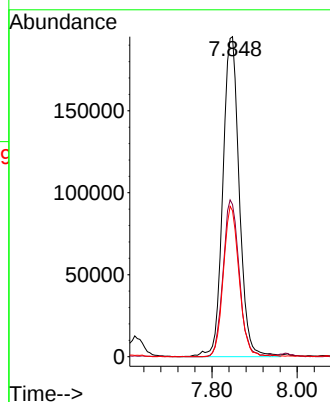
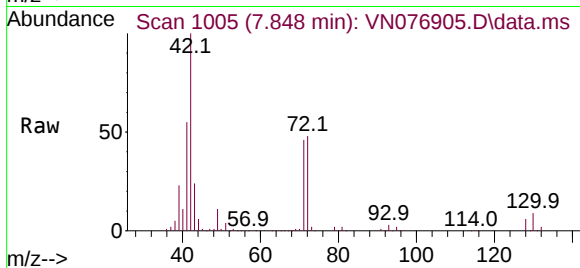
Tgt Ion: 42 Resp: 523000

Ion Ratio Lower Upper

42 100

72 47.9 48.6 73.0#

71 45.1 45.1 67.7#



#30

Chloroform

Concen: 46.606 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076905.D

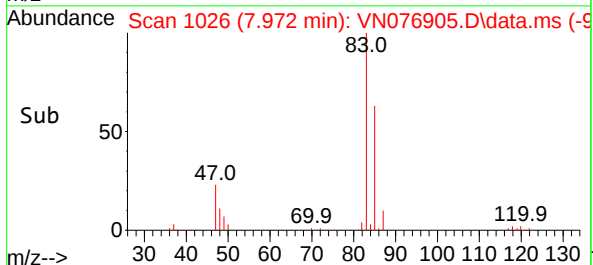
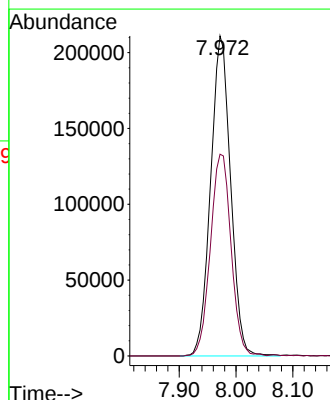
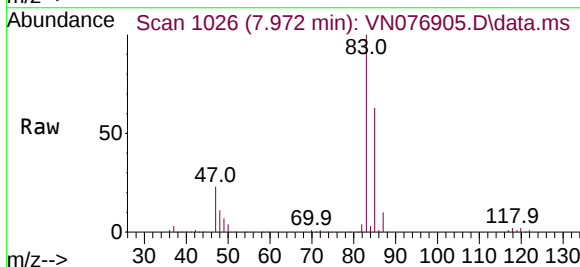
Acq: 09 Mar 2023 16:17

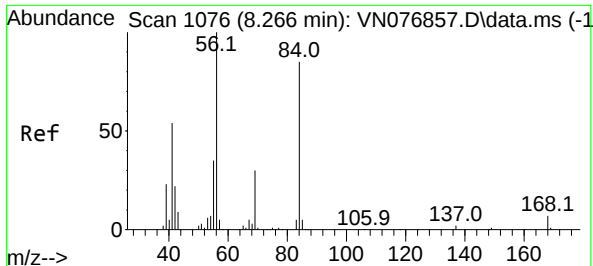
Tgt Ion: 83 Resp: 515115

Ion Ratio Lower Upper

83 100

85 63.1 51.3 76.9

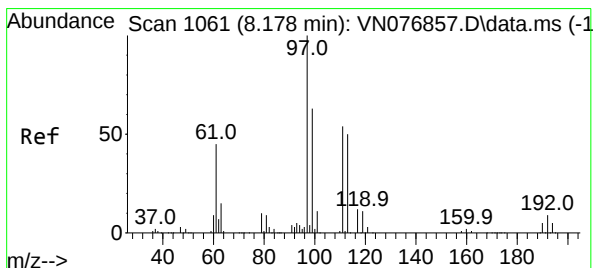
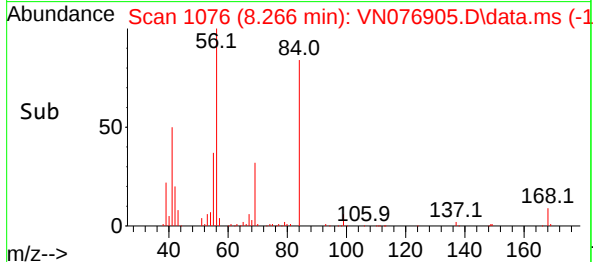
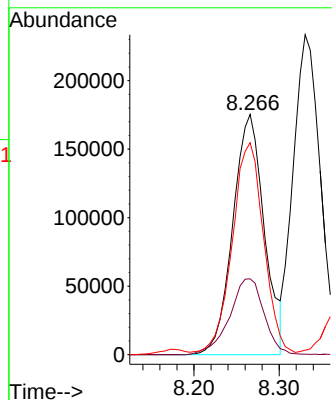
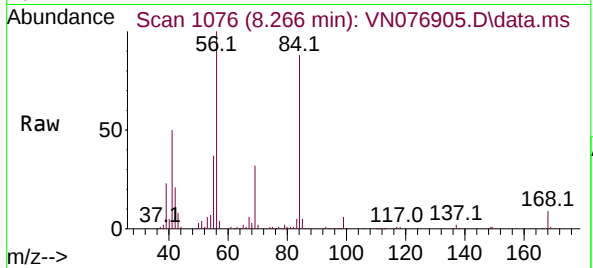




#31
Cyclohexane
Concen: 40.824 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

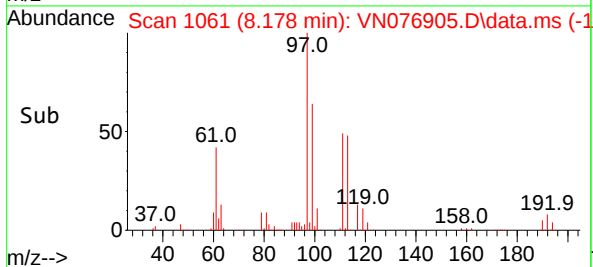
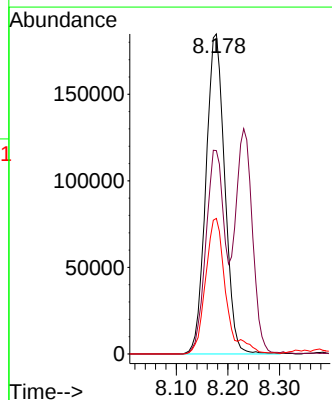
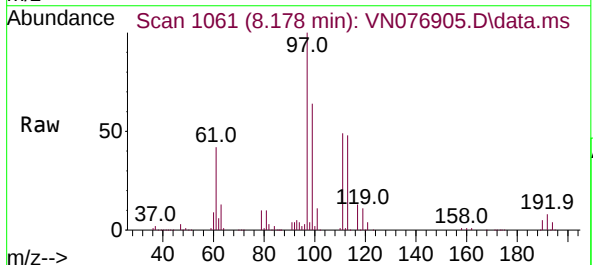
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

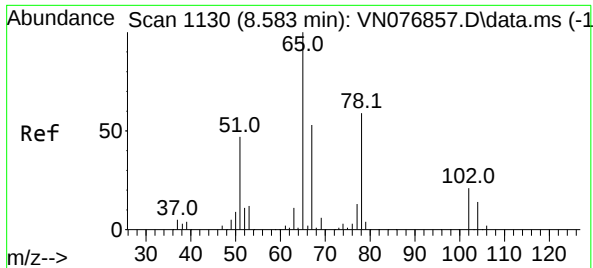
Tgt Ion: 56 Resp: 450156
Ion Ratio Lower Upper
56 100
69 31.5 27.0 40.6
84 86.3 82.9 124.3



#32
1,1,1-Trichloroethane
Concen: 48.965 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 97 Resp: 468644
Ion Ratio Lower Upper
97 100
99 62.6 51.2 76.8
61 45.5 35.7 53.5

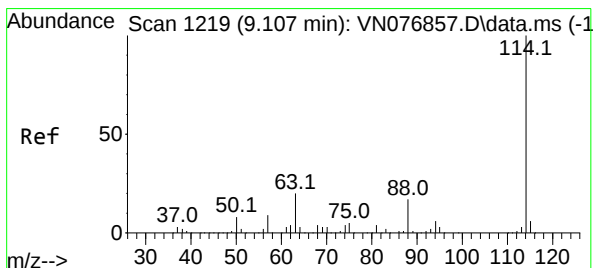
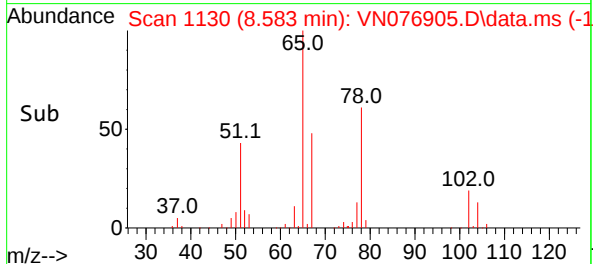
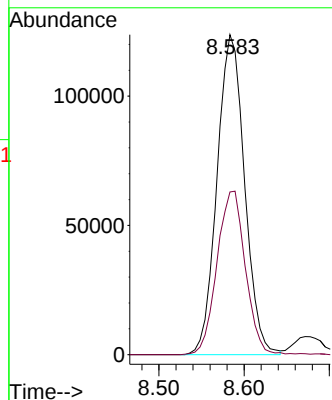
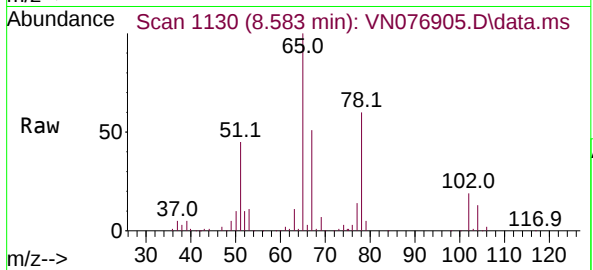




#33
1,2-Dichloroethane-d4
Concen: 42.661 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

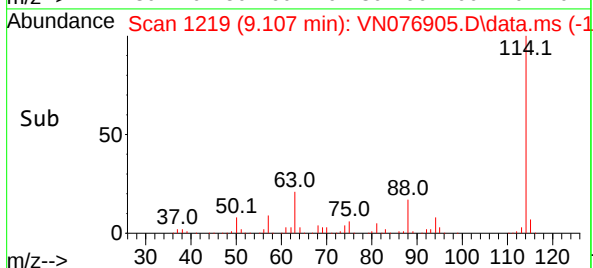
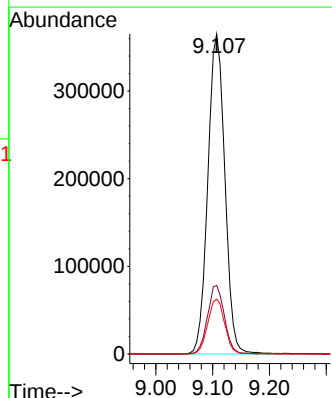
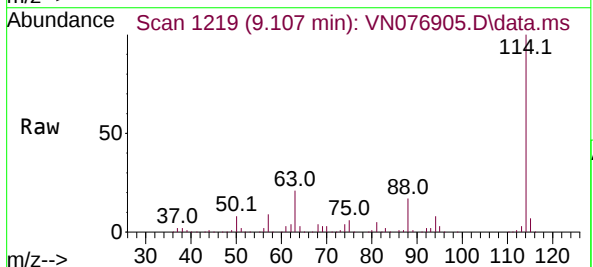
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

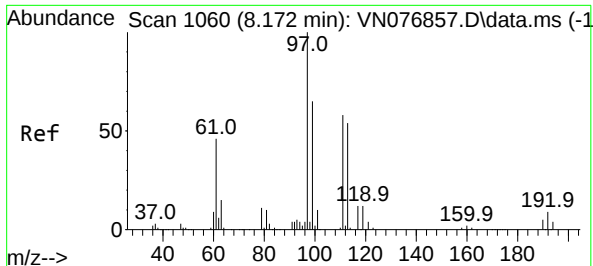
Tgt Ion: 65 Resp: 278469
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 114 Resp: 758397
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.6
88 17.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 45.474 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

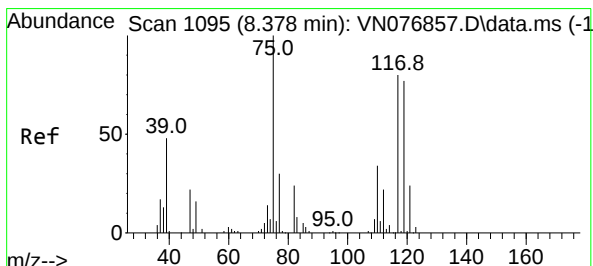
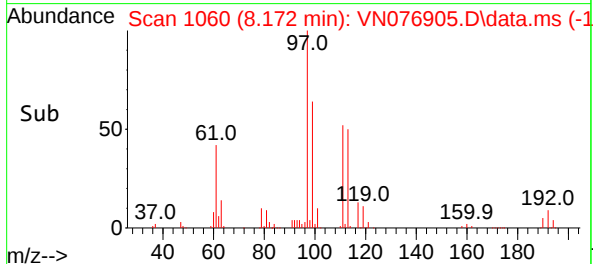
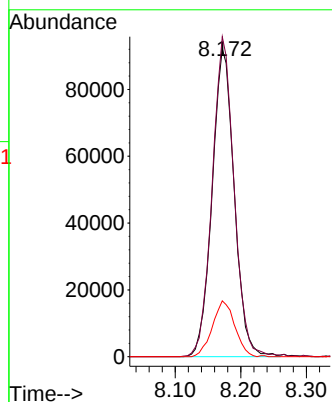
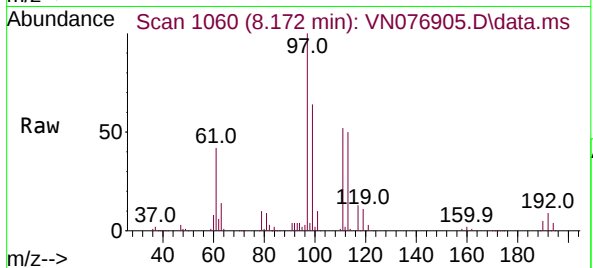
Tgt Ion:113 Resp: 215747

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 18.3 13.9 20.9



#36

1,1-Dichloropropene

Concen: 49.368 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

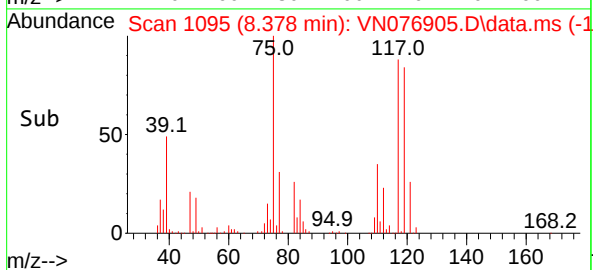
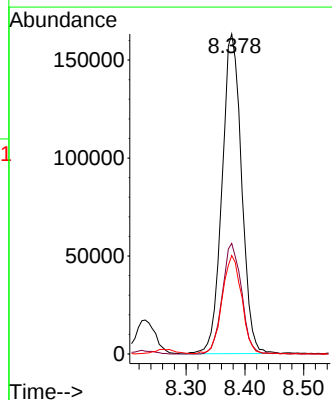
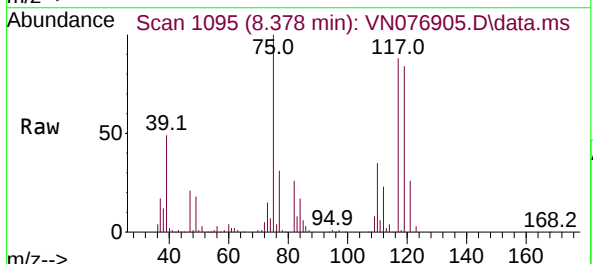
Tgt Ion: 75 Resp: 376449

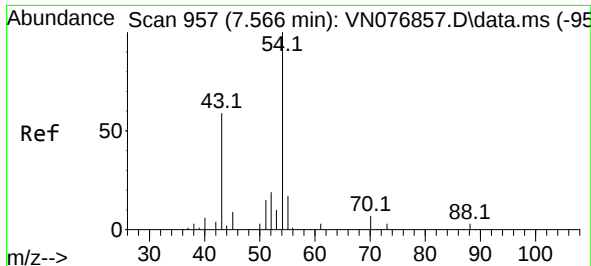
Ion Ratio Lower Upper

75 100

110 34.0 18.9 56.9

77 31.0 24.9 37.3

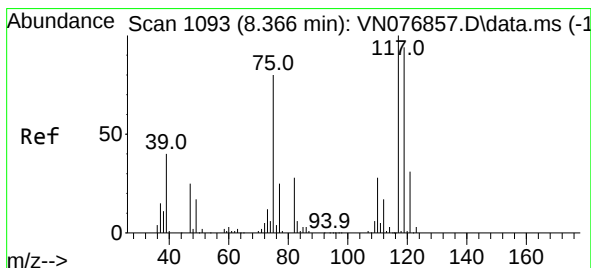
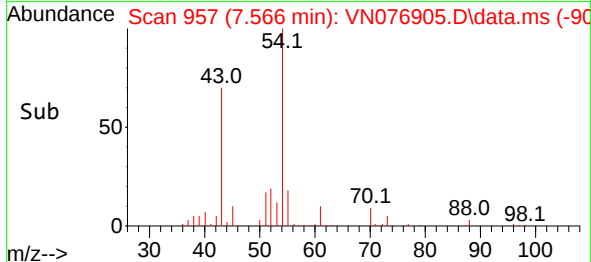
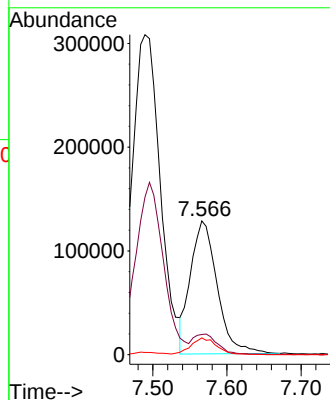
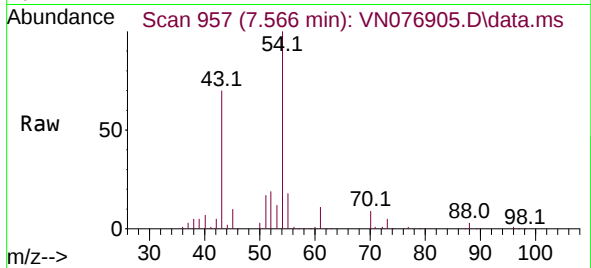




#37
Ethyl Acetate
Concen: 41.140 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

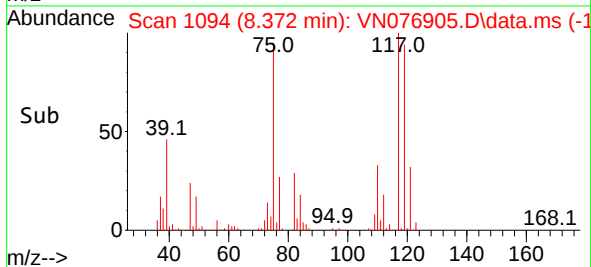
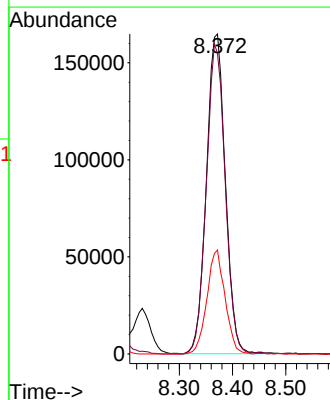
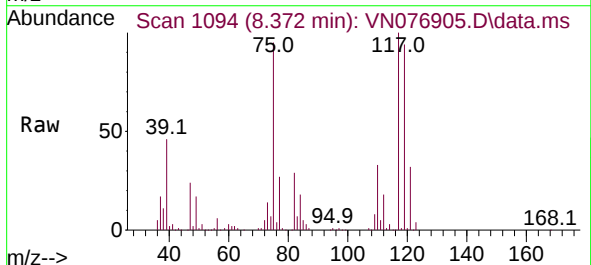
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

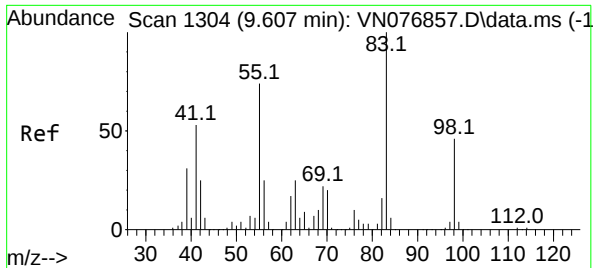
Tgt Ion: 43 Resp: 322005
Ion Ratio Lower Upper
43 100
61 14.0 13.5 20.3
70 12.2 11.0 16.6



#38
Carbon Tetrachloride
Concen: 52.608 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 117 Resp: 407523
Ion Ratio Lower Upper
117 100
119 93.9 76.9 115.3
121 32.5 23.2 34.8

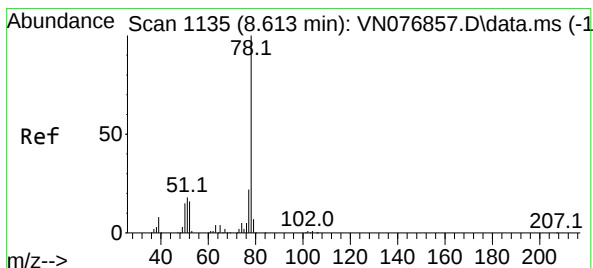
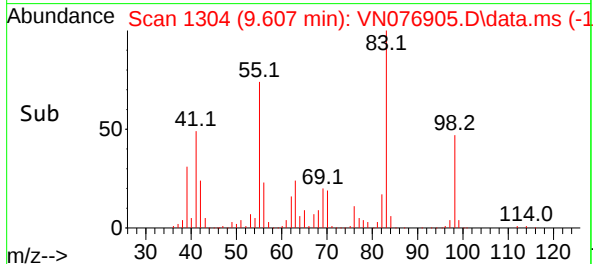
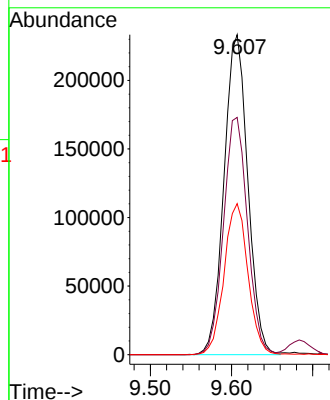
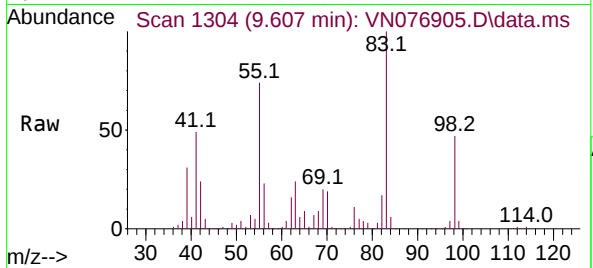




#39
Methylcyclohexane
Concen: 50.628 ug/l
RT: 9.607 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

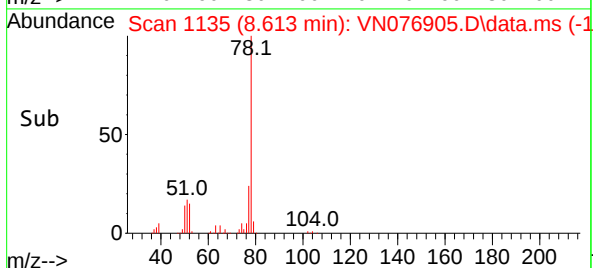
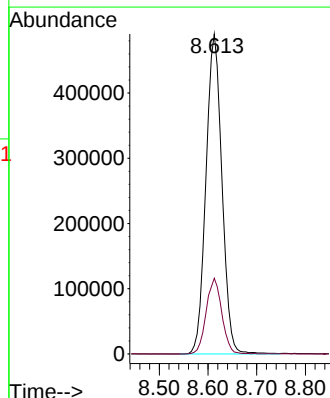
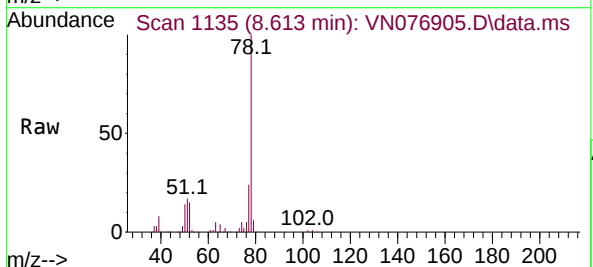
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

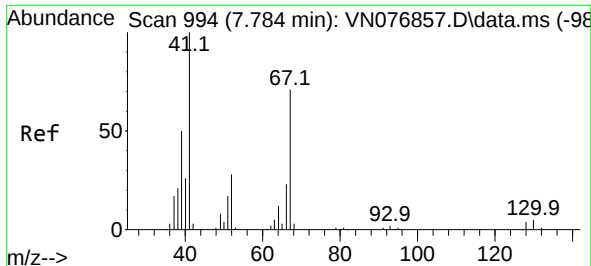
Tgt Ion: 83 Resp: 475847
Ion Ratio Lower Upper
83 100
55 74.1 47.0 70.4#
98 47.2 39.4 59.0



#40
Benzene
Concen: 47.971 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 78 Resp: 1114264
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

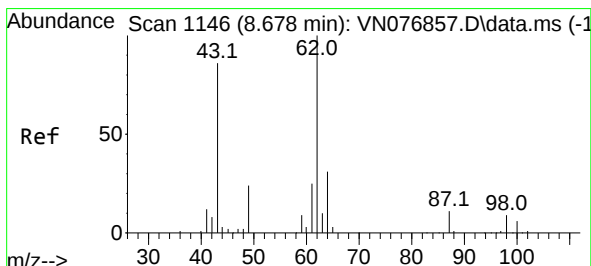
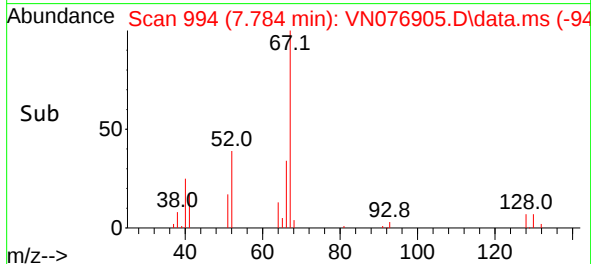
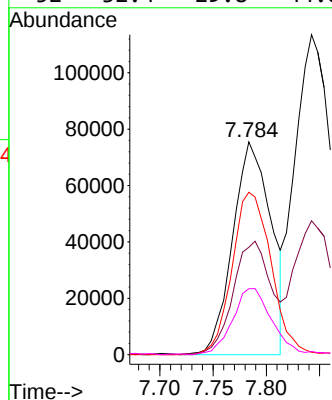
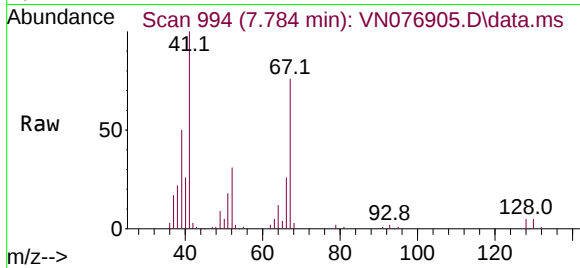




#41
Methacrylonitrile
Concen: 44.131 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

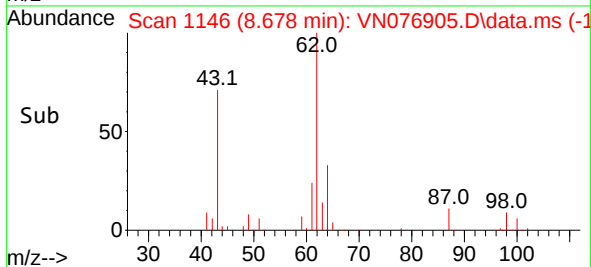
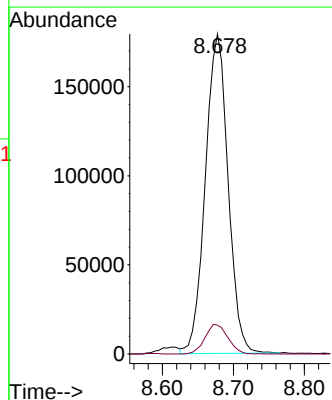
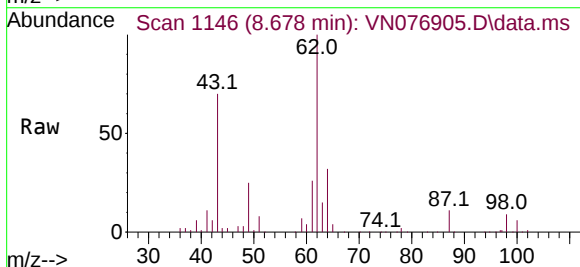
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

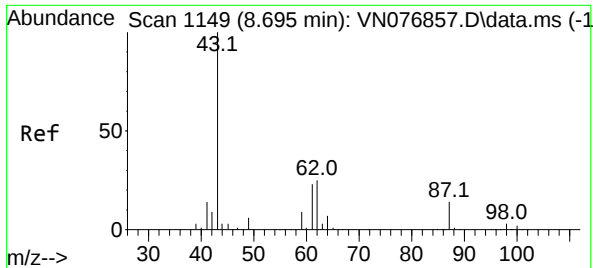
Tgt Ion: 41 Resp: 188625
Ion Ratio Lower Upper
41 100
39 53.2 43.4 65.0
67 78.0 78.6 118.0#
52 32.4 29.8 44.8



#42
1,2-Dichloroethane
Concen: 49.376 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 62 Resp: 399528
Ion Ratio Lower Upper
62 100
98 9.3 0.0 21.8

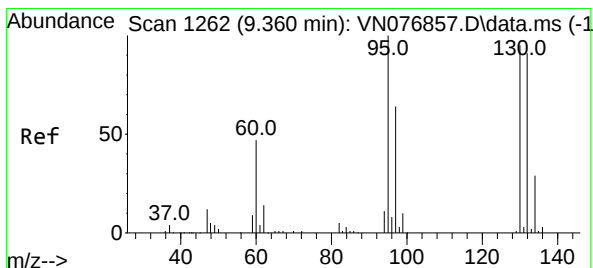
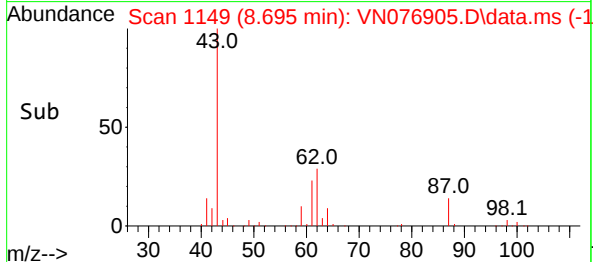
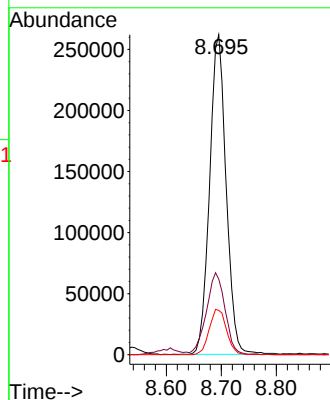
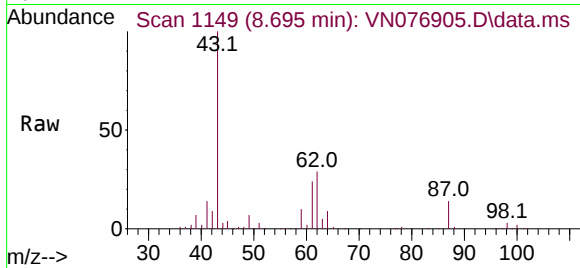




#43
Isopropyl Acetate
Concen: 45.731 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

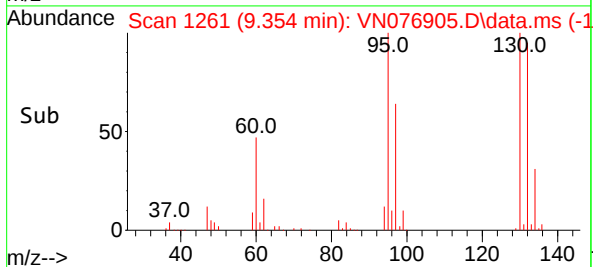
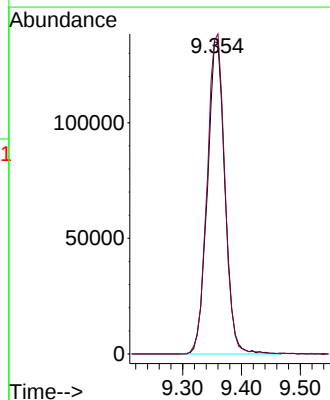
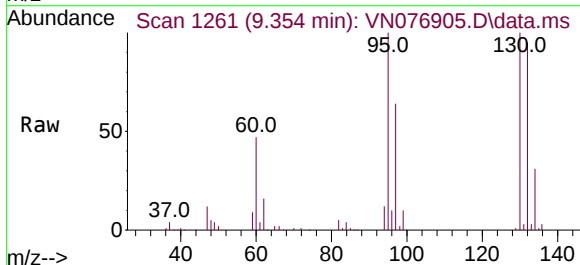
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

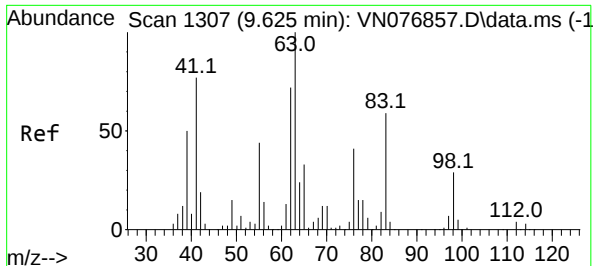
Tgt Ion: 43 Resp: 547957
Ion Ratio Lower Upper
43 100
61 28.5 26.2 39.2
87 14.8 14.8 22.2#



#44
Trichloroethene
Concen: 50.816 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion:130 Resp: 279867
Ion Ratio Lower Upper
130 100
95 100.4 0.0 208.6





#45

1,2-Dichloropropane

Concen: 47.553 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

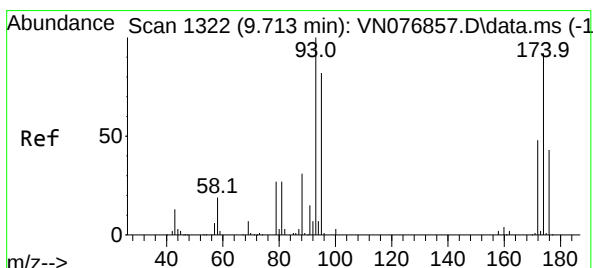
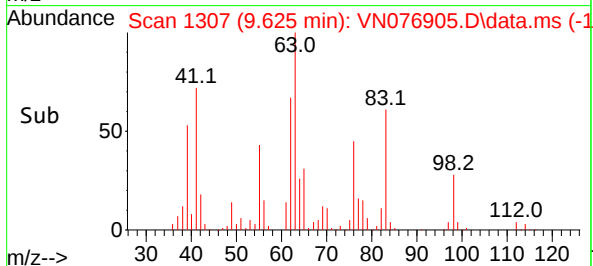
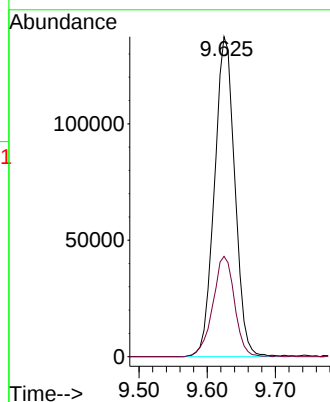
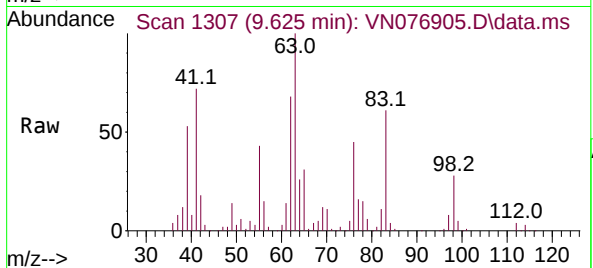
VSTDCCC050

Tgt Ion: 63 Resp: 285442

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



#46

Dibromomethane

Concen: 49.831 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

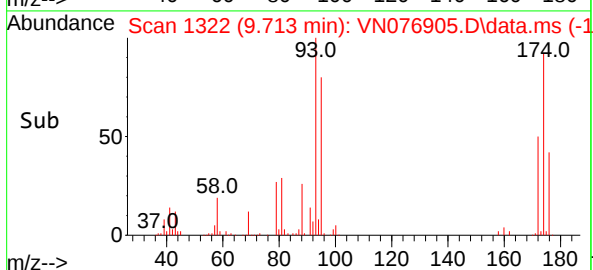
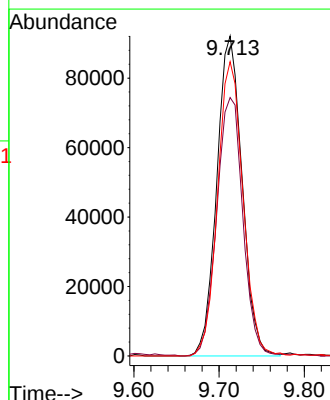
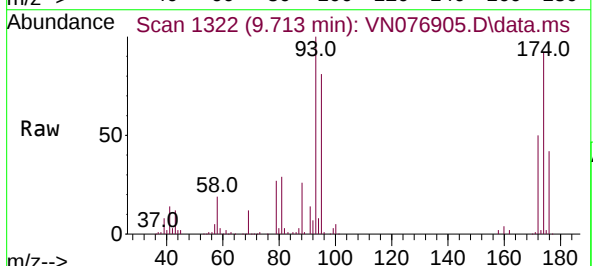
Tgt Ion: 93 Resp: 189980

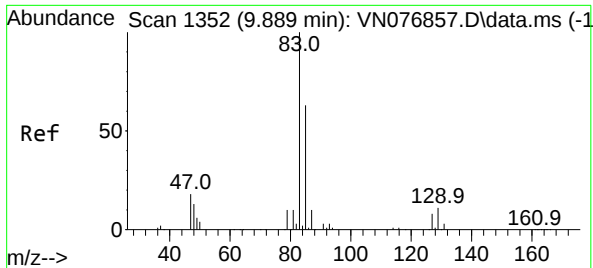
Ion Ratio Lower Upper

93 100

95 83.6 65.7 98.5

174 92.4 69.3 103.9

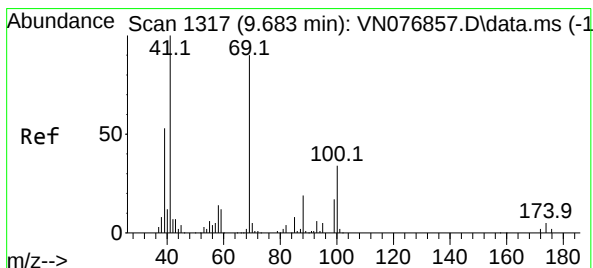
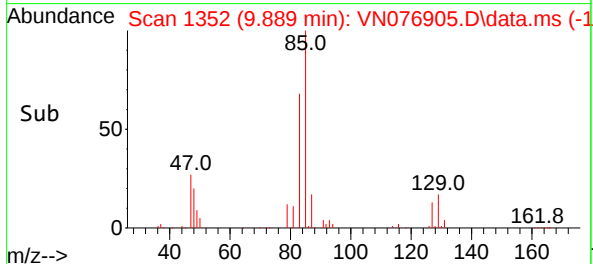
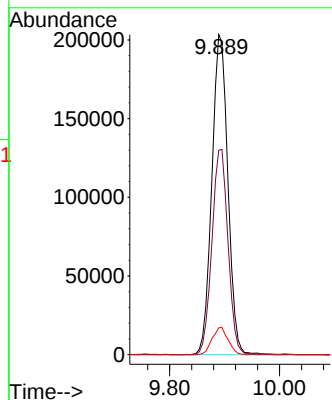
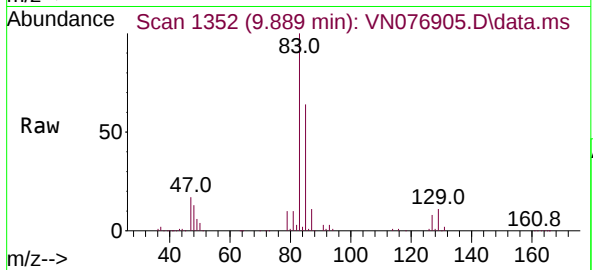




#47
Bromodichloromethane
Concen: 52.588 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

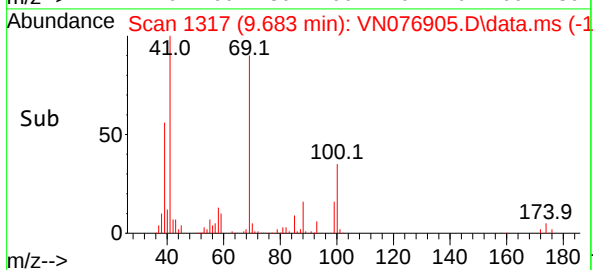
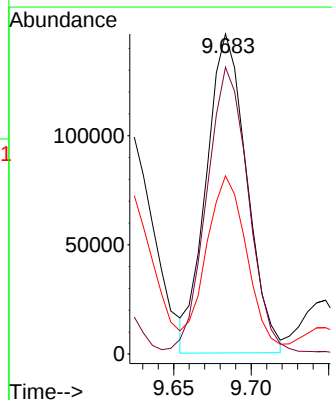
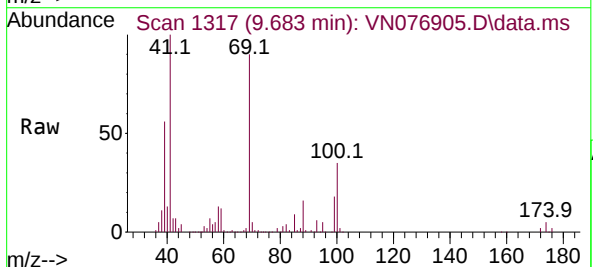
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

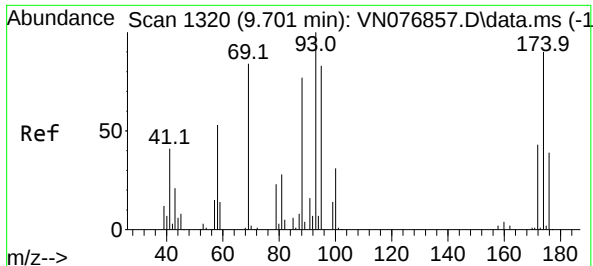
Tgt Ion: 83 Resp: 412169
Ion Ratio Lower Upper
83 100
85 63.9 52.6 78.8
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 45.620 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 41 Resp: 265619
Ion Ratio Lower Upper
41 100
69 94.0 92.6 139.0
39 57.2 51.4 77.0





#49

1,4-Dioxane

Concen: 883.861 ug/l

RT: 9.695 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

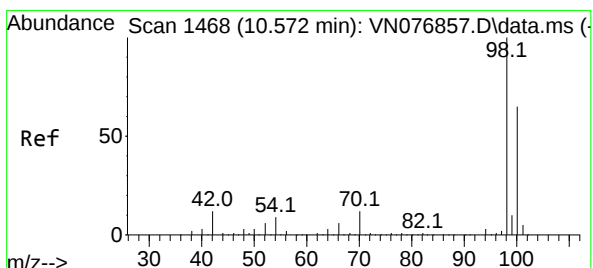
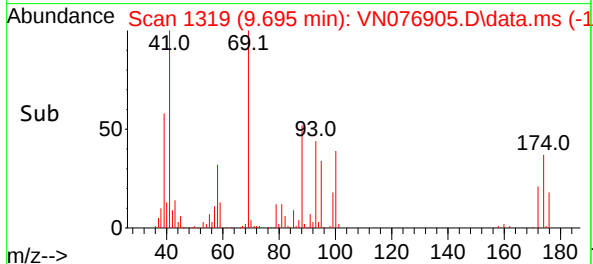
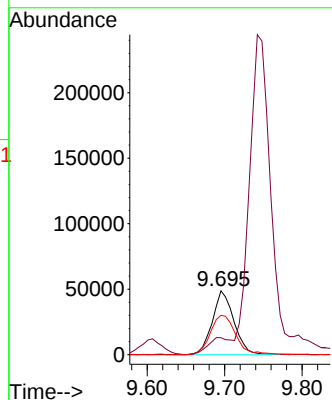
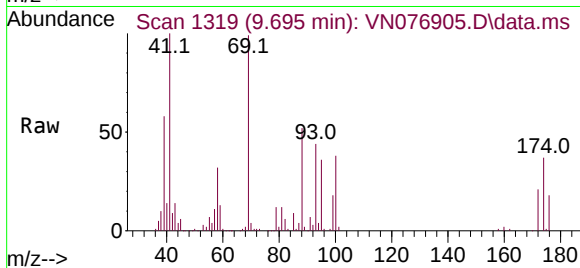
Tgt Ion: 88 Resp: 94324

Ion Ratio Lower Upper

88 100

43 27.0 15.3 22.9#

58 72.5 47.6 71.4#



#50

Toluene-d8

Concen: 45.691 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076905.D

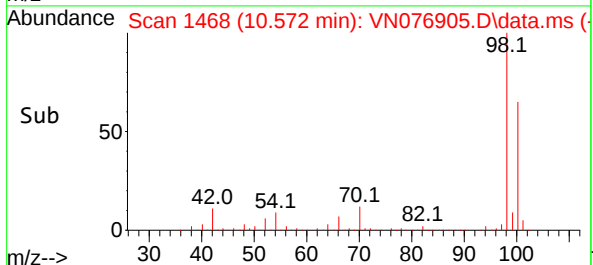
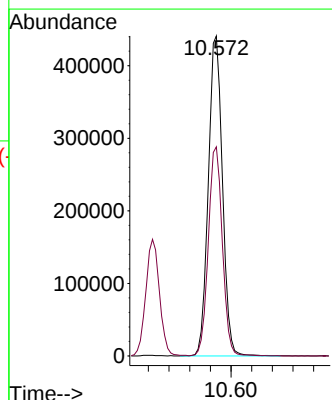
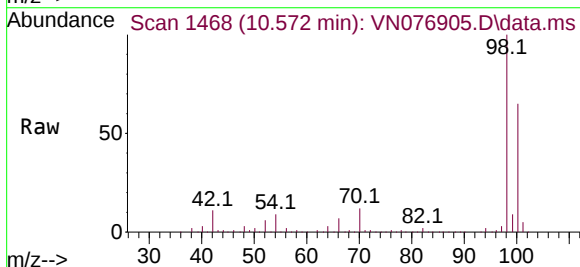
Acq: 09 Mar 2023 16:17

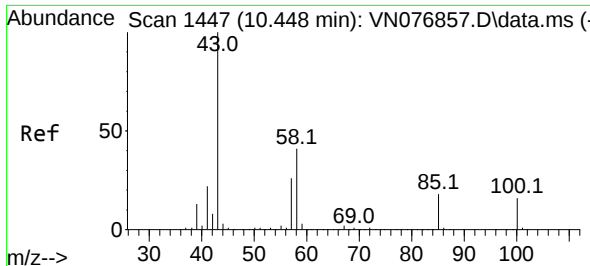
Tgt Ion: 98 Resp: 835160

Ion Ratio Lower Upper

98 100

100 64.9 52.8 79.2

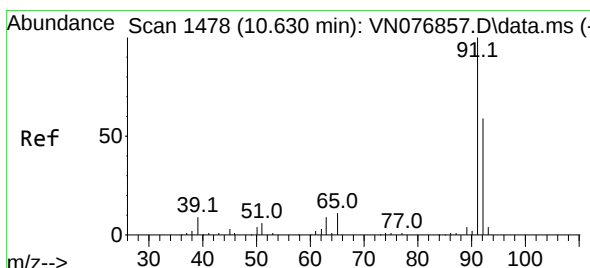
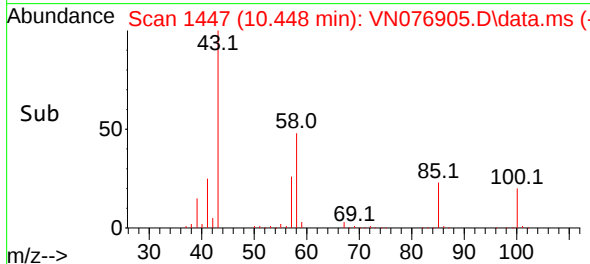
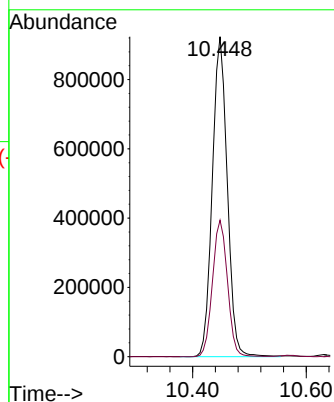
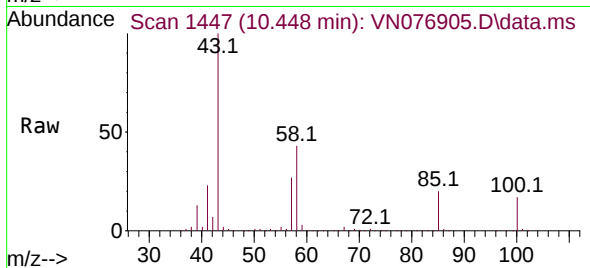




#51
4-Methyl-2-Pentanone
Concen: 222.505 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

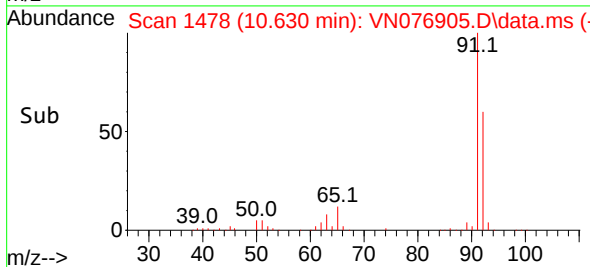
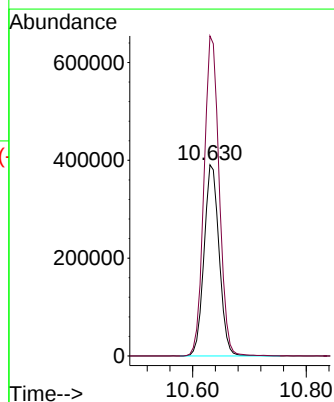
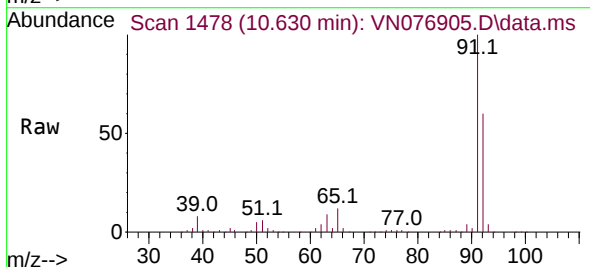
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

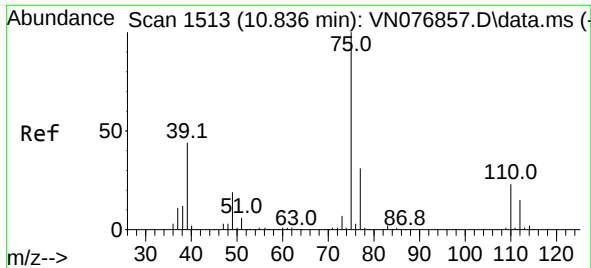
Tgt Ion: 43 Resp: 1681684
Ion Ratio Lower Upper
43 100
58 42.8 37.4 56.0



#52
Toluene
Concen: 51.950 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 92 Resp: 718514
Ion Ratio Lower Upper
92 100
91 168.6 138.2 207.2

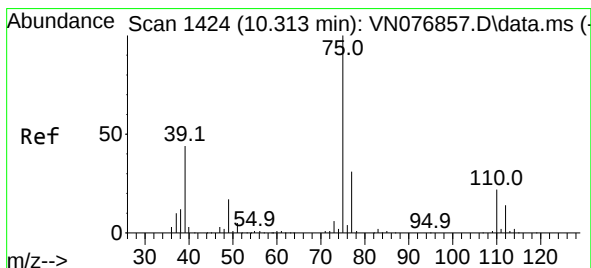
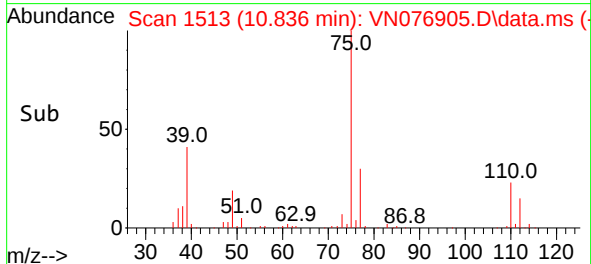
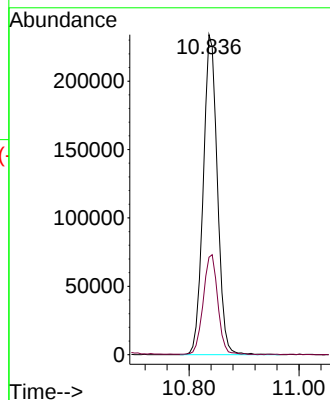
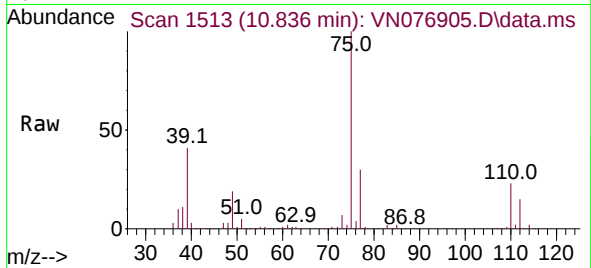




#53
t-1,3-Dichloropropene
Concen: 54.857 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

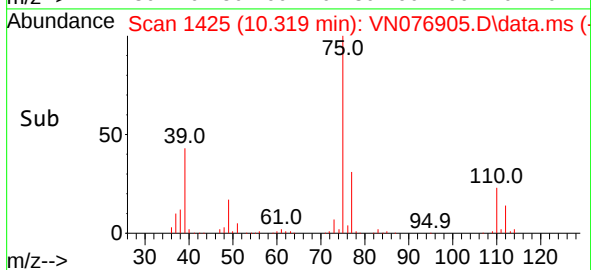
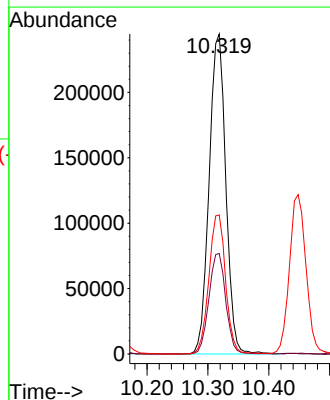
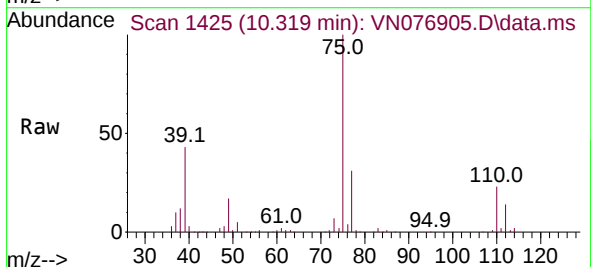
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

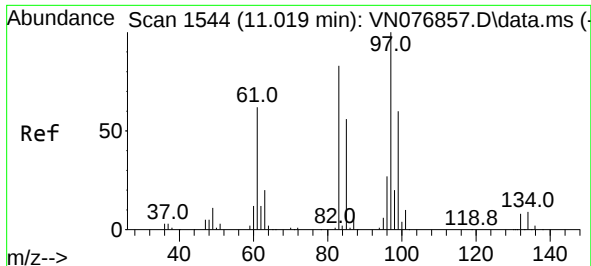
Tgt Ion: 75 Resp: 416768
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.289 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 75 Resp: 465038
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
39 43.4 29.7 44.5

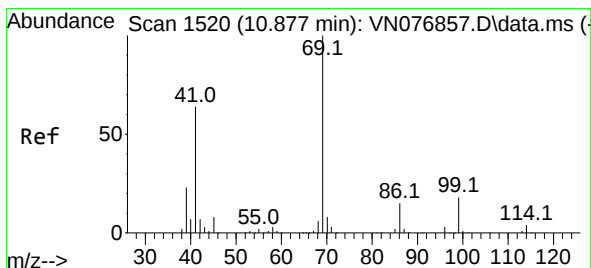
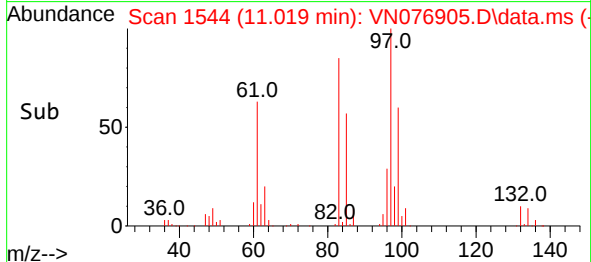
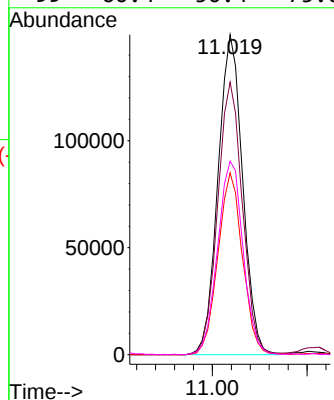
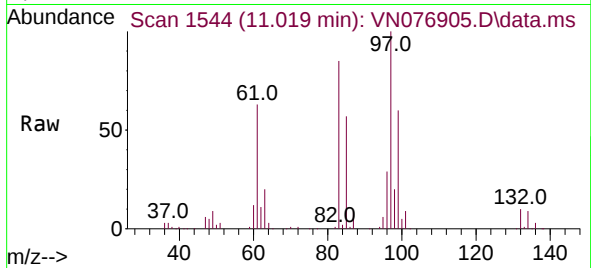




#55
1,1,2-Trichloroethane
Concen: 49.164 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

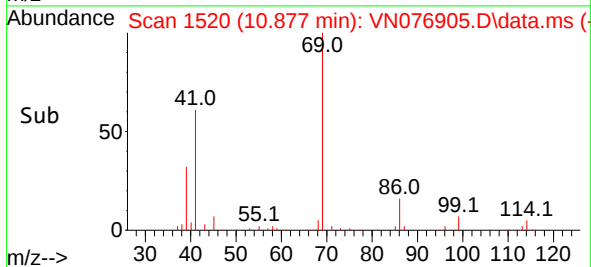
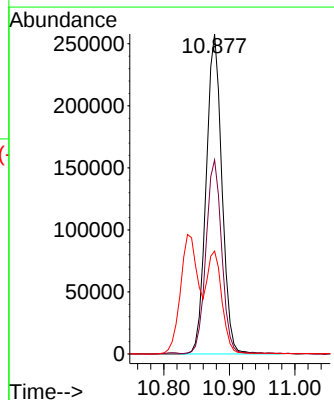
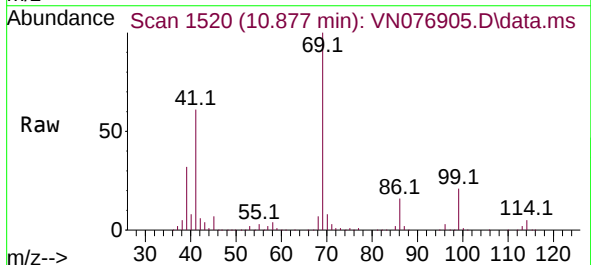
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

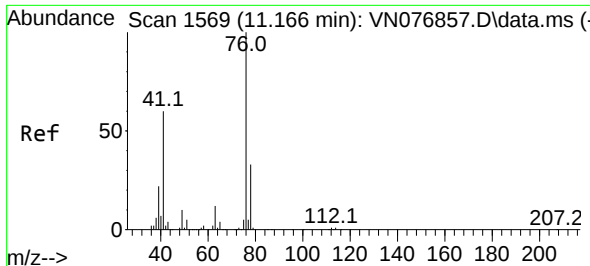
Tgt Ion:	97	Resp:	270496
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.1	100.7
85	56.8	41.8	62.8
99	60.4	50.4	75.6



#56
Ethyl methacrylate
Concen: 52.512 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion:	69	Resp:	430477
Ion	Ratio	Lower	Upper
69	100		
41	60.2	38.0	57.0#
39	29.9	22.4	33.6





#57

1,3-Dichloropropane

Concen: 49.414 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

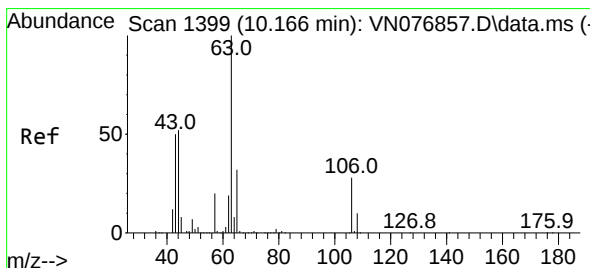
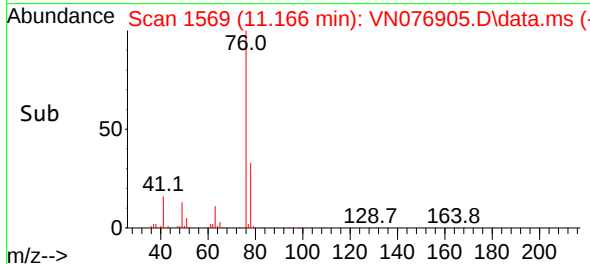
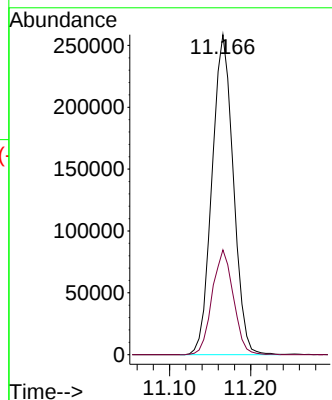
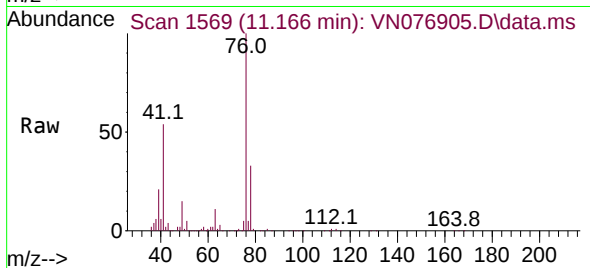
VSTDCCC050

Tgt Ion: 76 Resp: 472033

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 252.448 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN076905.D

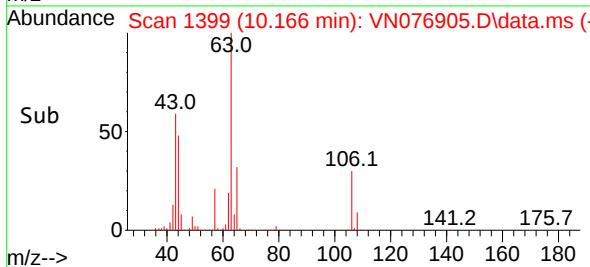
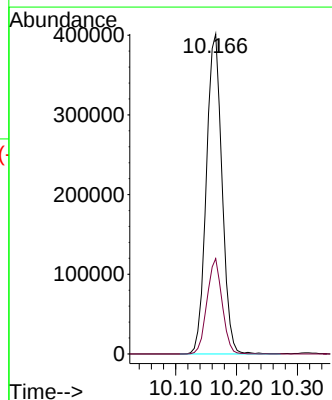
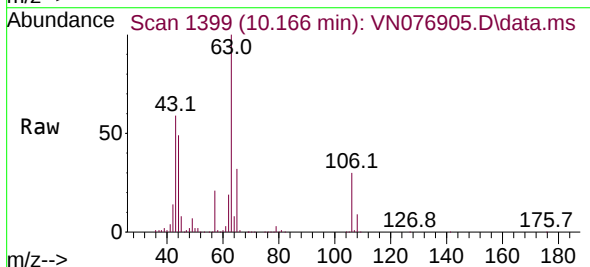
Acq: 09 Mar 2023 16:17

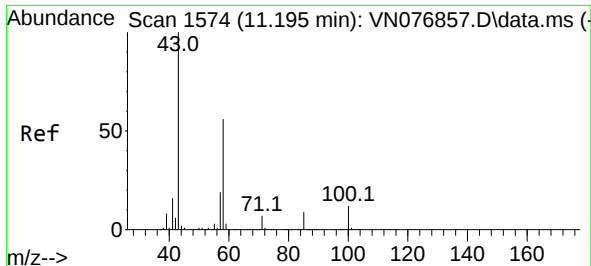
Tgt Ion: 63 Resp: 717047

Ion Ratio Lower Upper

63 100

106 28.8 25.6 38.4

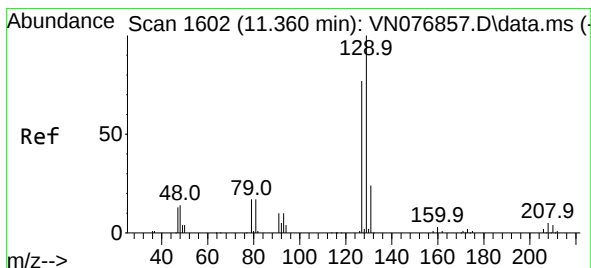
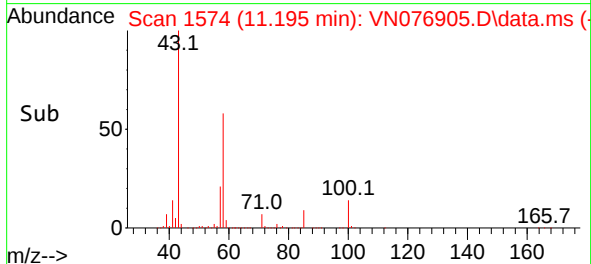
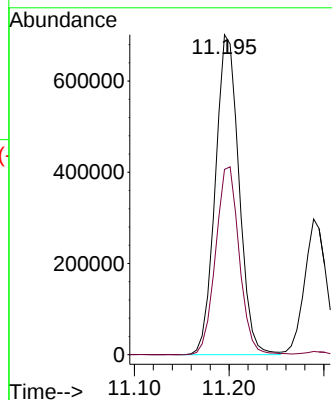
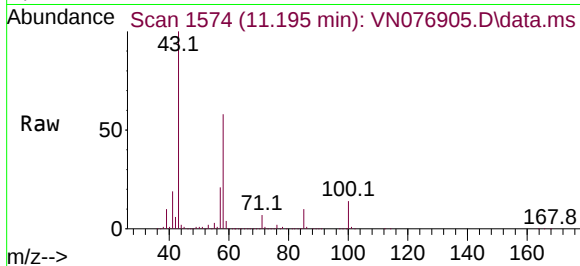




#59
2-Hexanone
Concen: 222.505 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

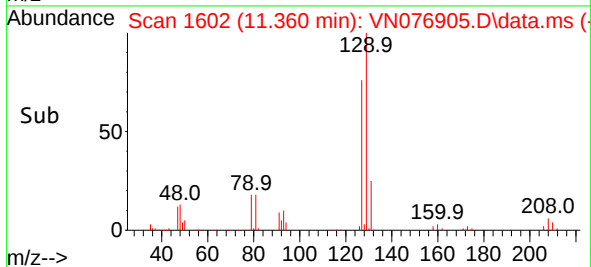
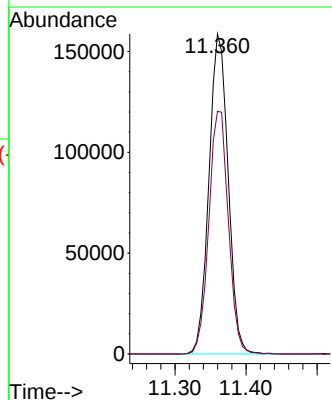
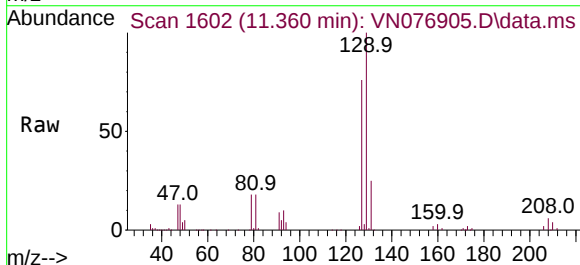
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

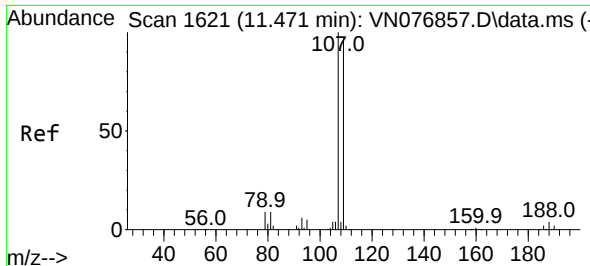
Tgt Ion: 43 Resp: 1218583
Ion Ratio Lower Upper
43 100
58 58.7 32.6 98.0



#60
Dibromochloromethane
Concen: 54.962 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion:129 Resp: 297982
Ion Ratio Lower Upper
129 100
127 77.2 39.6 118.8

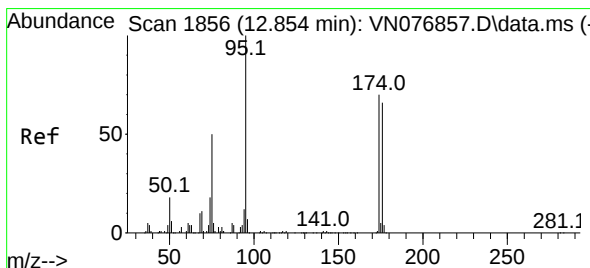
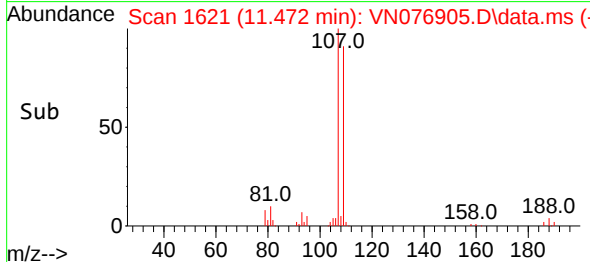
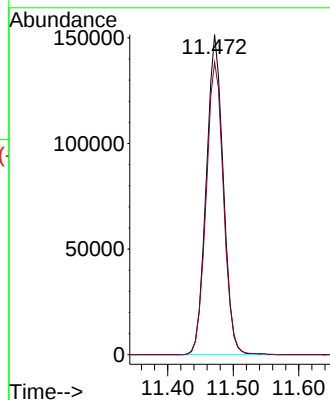
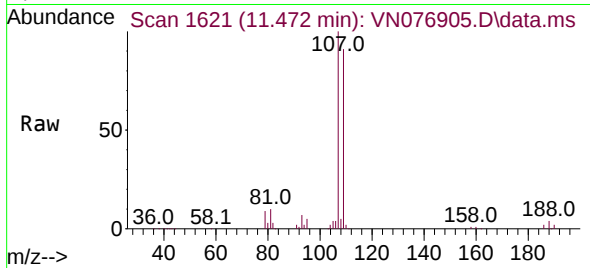




#61
1,2-Dibromoethane
Concen: 51.562 ug/l
RT: 11.472 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

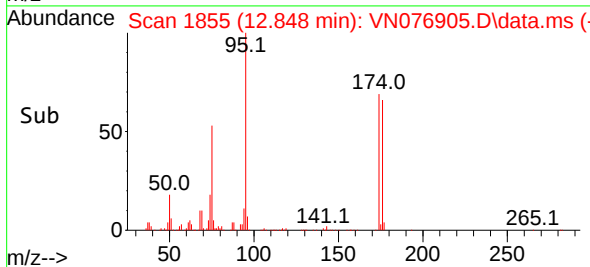
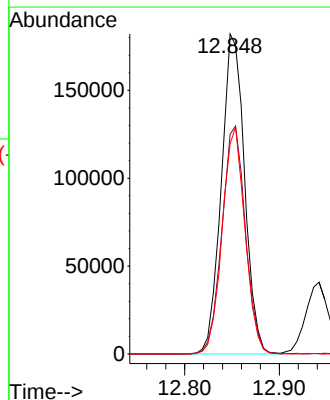
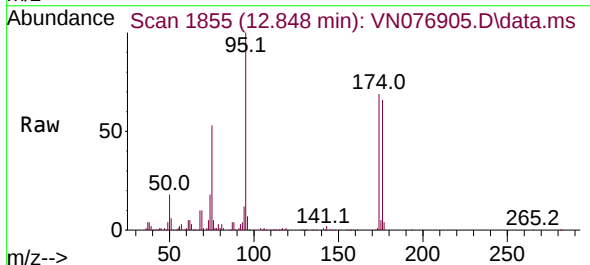
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

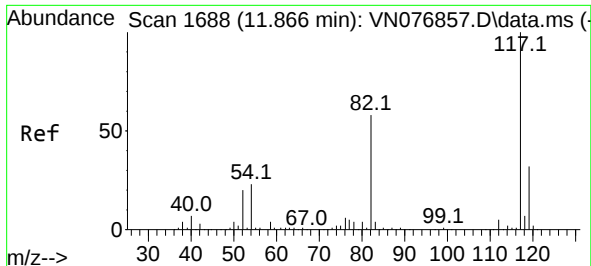
Tgt Ion:107 Resp: 272668
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.930 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 95 Resp: 309915
Ion Ratio Lower Upper
95 100
174 72.0 0.0 162.4
176 69.4 0.0 157.4

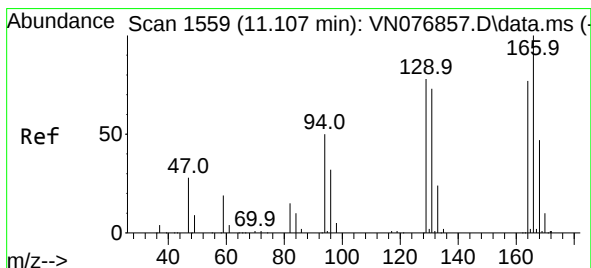
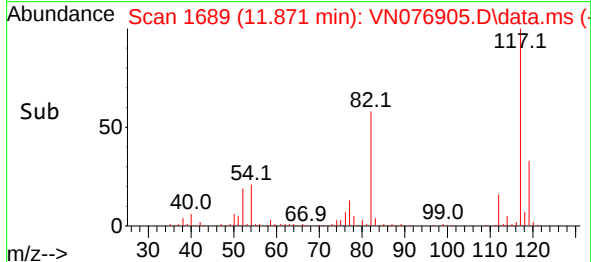
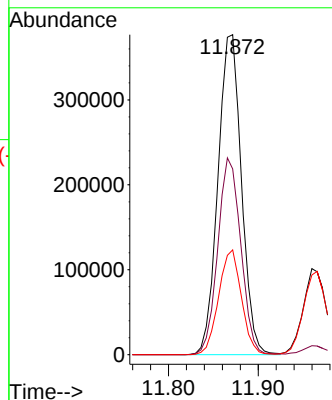
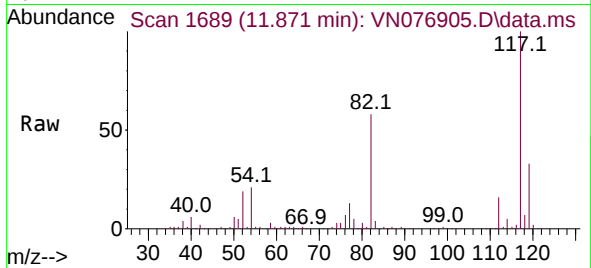




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

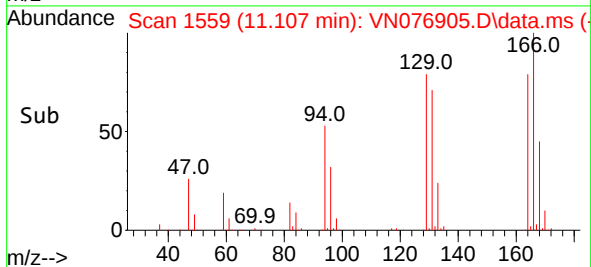
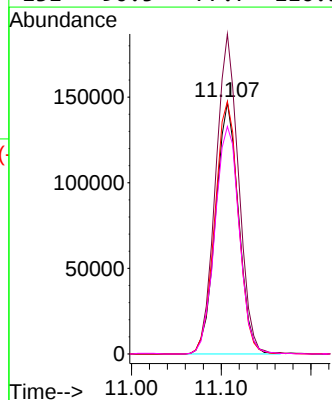
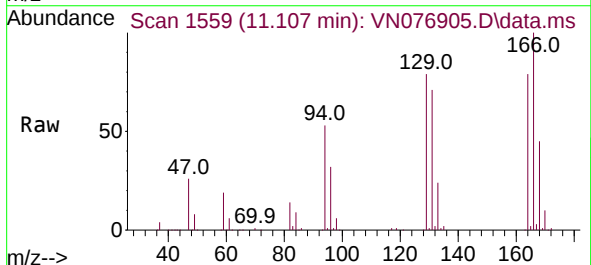
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

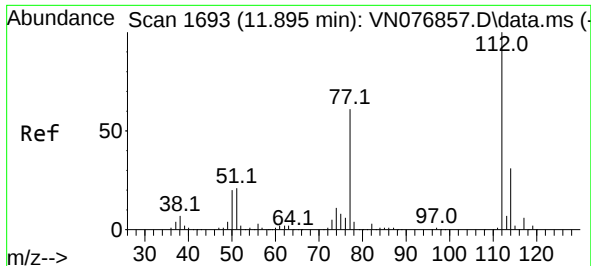
Tgt Ion:117 Resp: 686100
Ion Ratio Lower Upper
117 100
82 58.1 43.5 65.3
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 51.082 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion:164 Resp: 260815
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 100.3 81.5 122.3
131 90.5 77.7 116.5

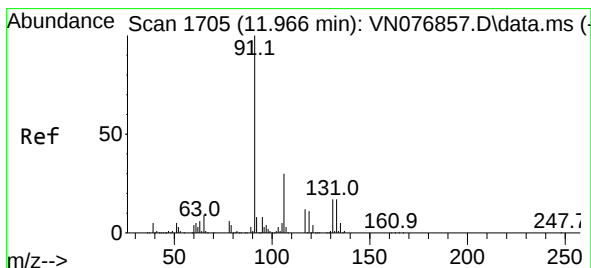
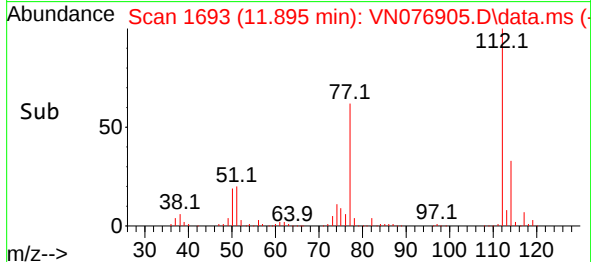
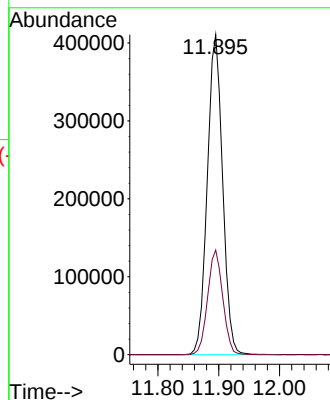
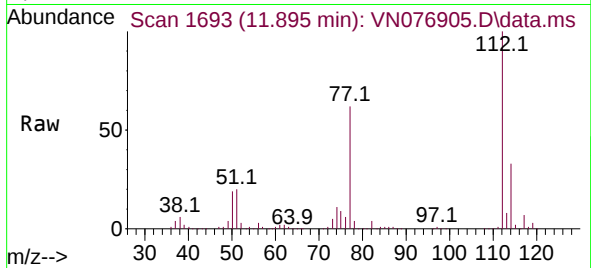




#65
Chlorobenzene
Concen: 48.383 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

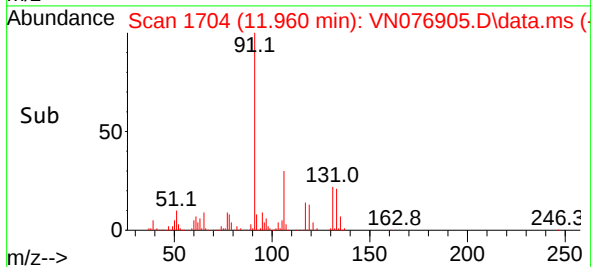
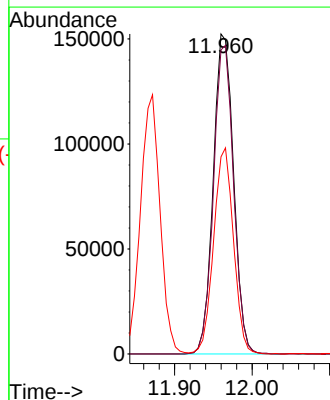
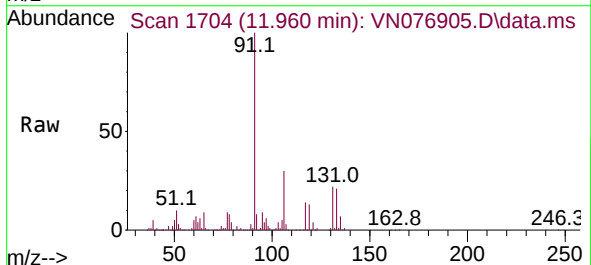
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

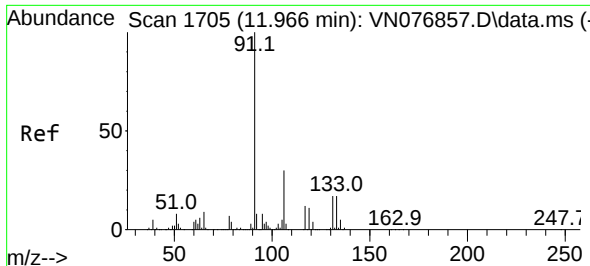
Tgt Ion:112 Resp: 717383
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.695 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion:131 Resp: 277269
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.8
119 63.1 33.1 99.2

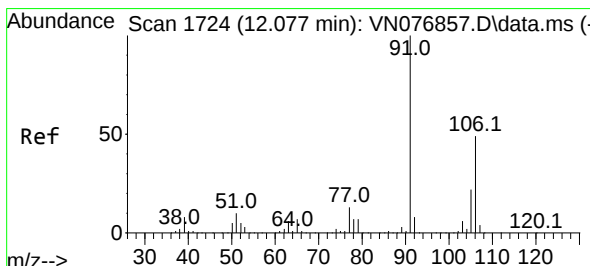
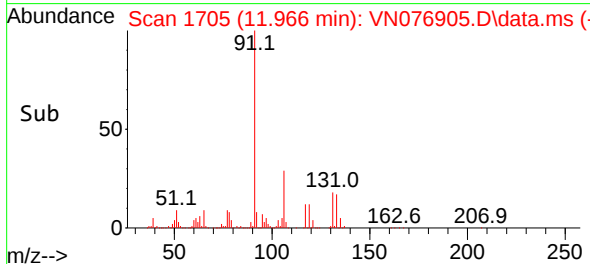
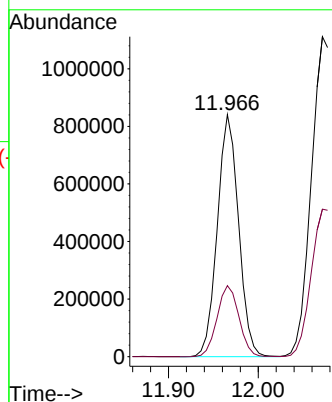
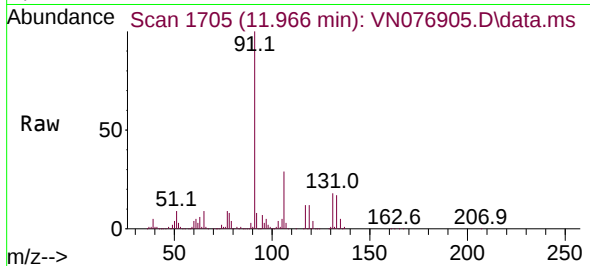




#67
Ethyl Benzene
Concen: 51.248 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

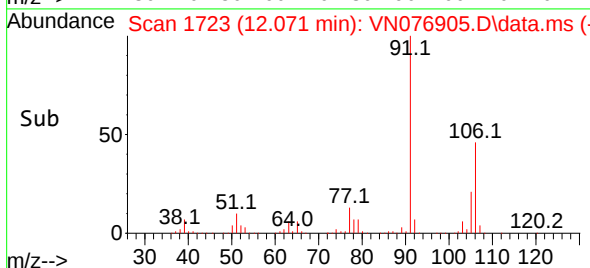
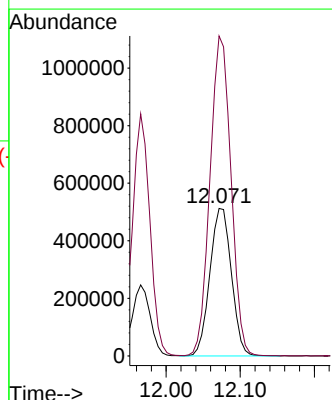
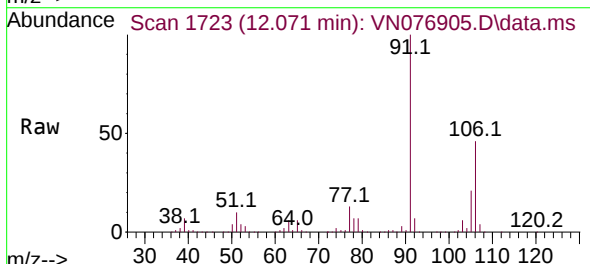
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

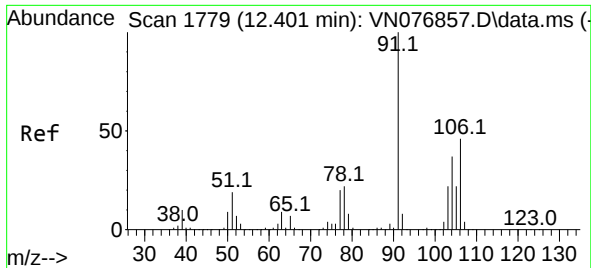
Tgt Ion: 91 Resp: 1379741
Ion Ratio Lower Upper
91 100
106 29.3 25.1 37.7



#68
m/p-Xylenes
Concen: 101.972 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion:106 Resp: 1032907
Ion Ratio Lower Upper
106 100
91 211.8 158.0 237.0

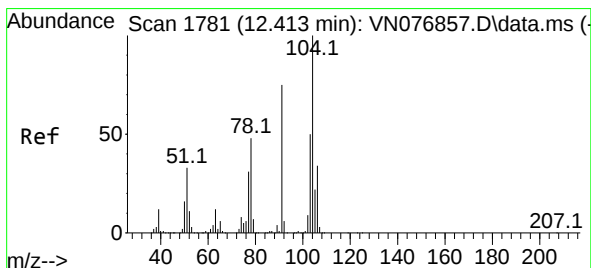
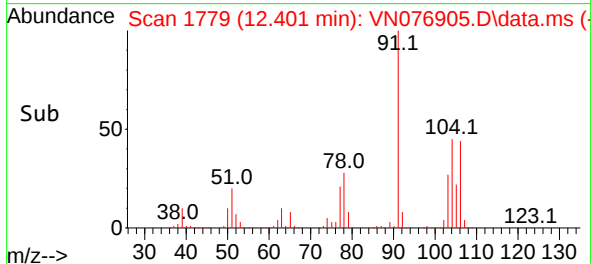
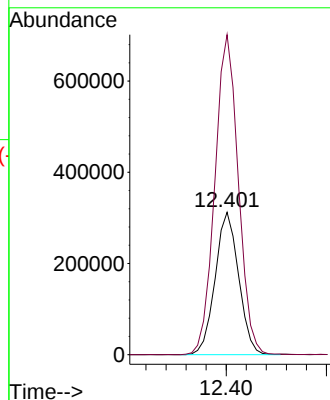
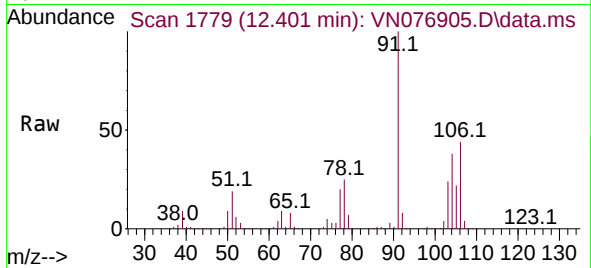




#69
o-Xylene
Concen: 50.920 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

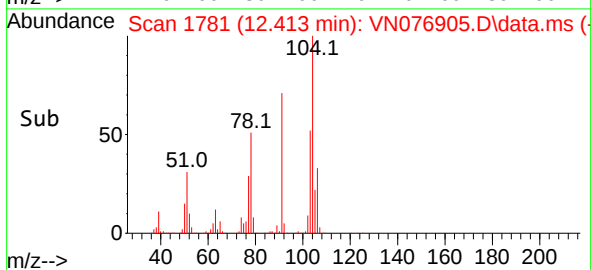
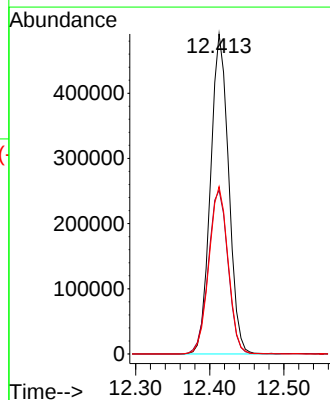
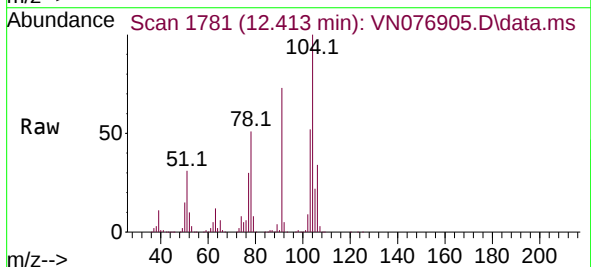
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

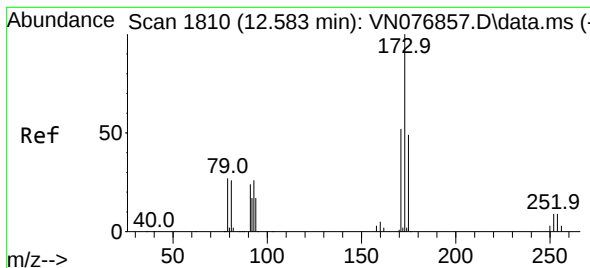
Tgt Ion:106 Resp: 507923
Ion Ratio Lower Upper
106 100
91 224.6 101.8 305.4



#70
Styrene
Concen: 53.519 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion:104 Resp: 836988
Ion Ratio Lower Upper
104 100
78 55.2 36.6 55.0#
103 55.1 43.4 65.0





#71

Bromoform

Concen: 56.241 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

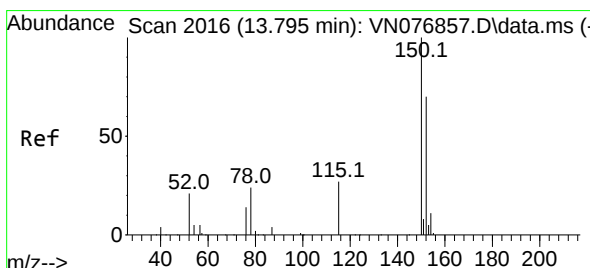
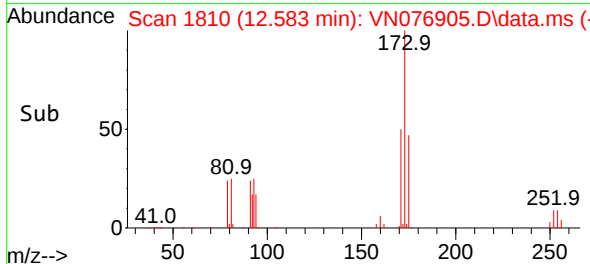
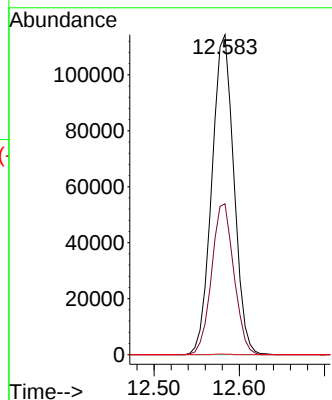
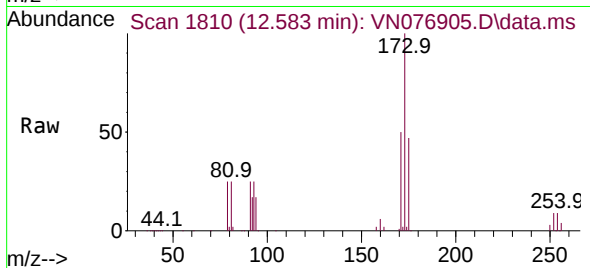
Tgt Ion:173 Resp: 205329

Ion Ratio Lower Upper

173 100

175 47.6 24.9 74.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

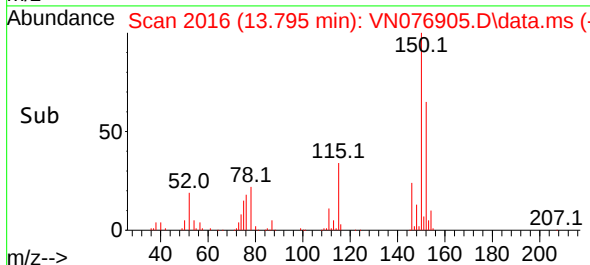
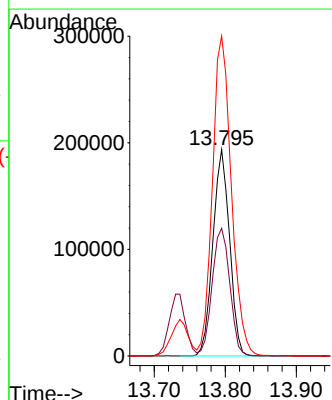
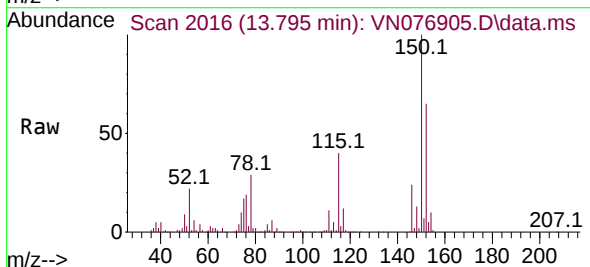
Tgt Ion:152 Resp: 316092

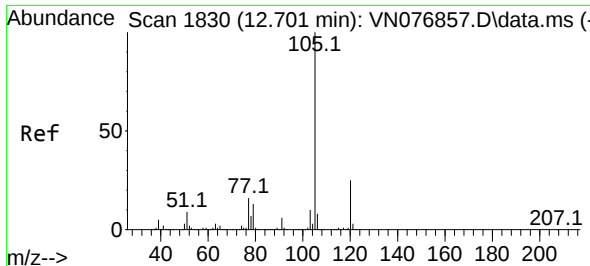
Ion Ratio Lower Upper

152 100

115 65.2 30.3 90.9

150 175.4 0.0 353.6

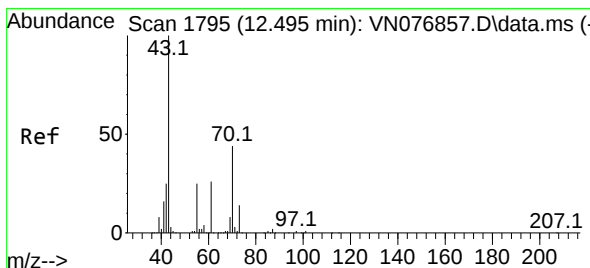
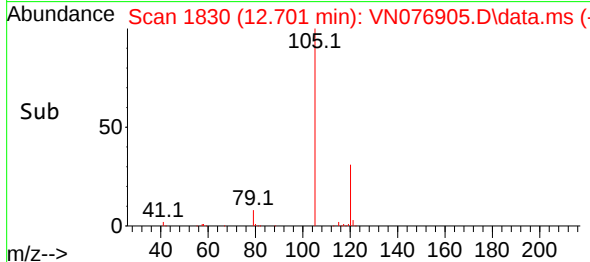
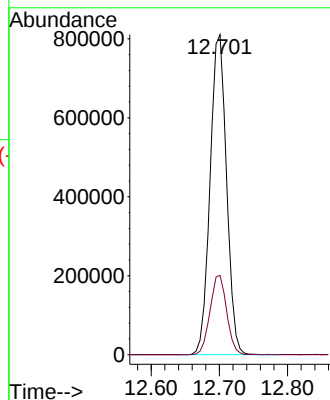
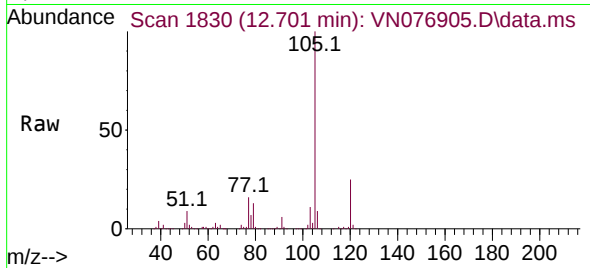




#73
Isopropylbenzene
Concen: 49.384 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

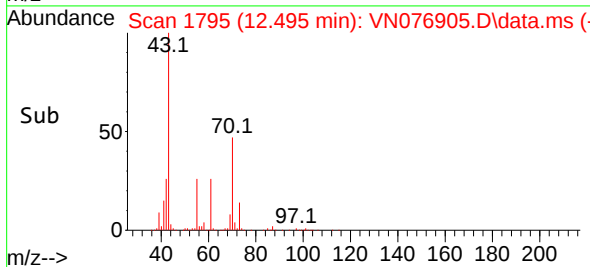
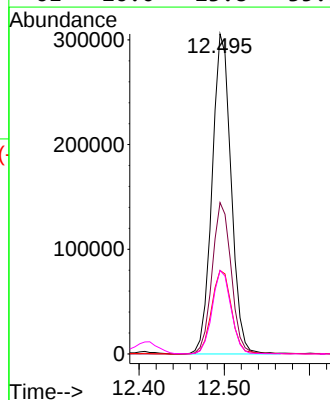
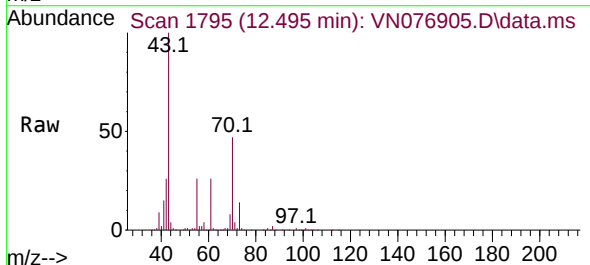
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

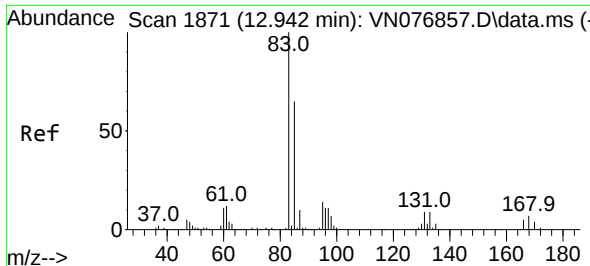
Tgt Ion:105 Resp: 1360682
Ion Ratio Lower Upper
105 100
120 25.1 13.8 41.4



#74
N-ethyl acetate
Concen: 44.000 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 43 Resp: 474131
Ion Ratio Lower Upper
43 100
70 47.5 46.8 70.2
55 27.3 23.4 35.2
61 26.0 23.8 35.8

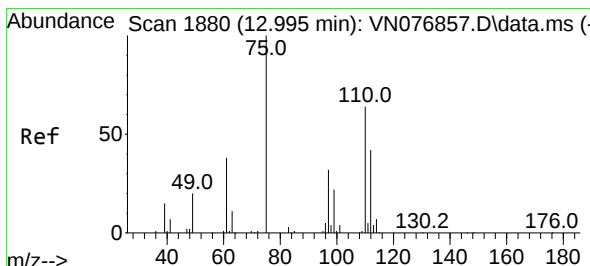
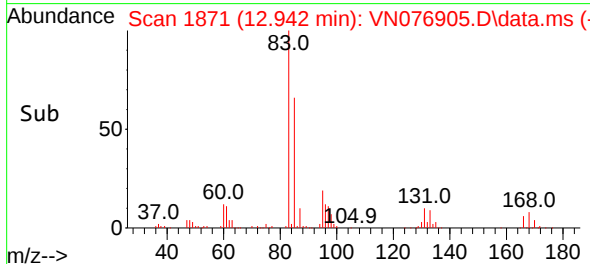
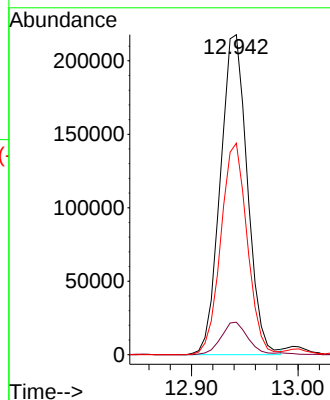
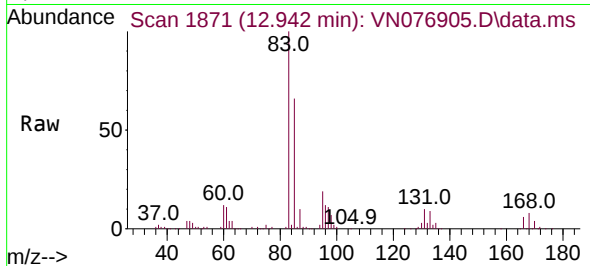




#75
1,1,2,2-Tetrachloroethane
Concen: 43.436 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

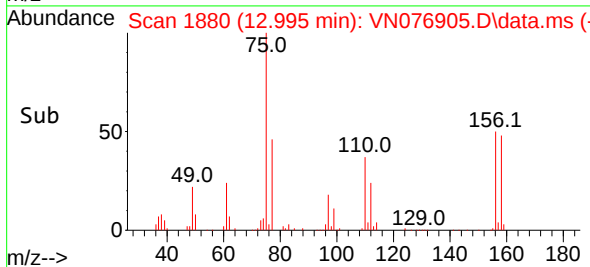
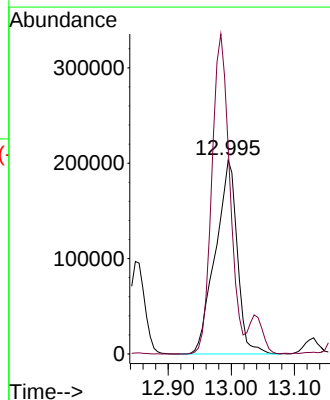
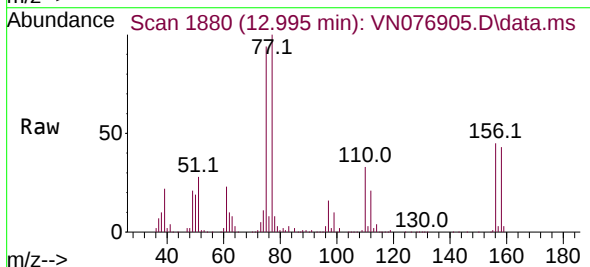
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

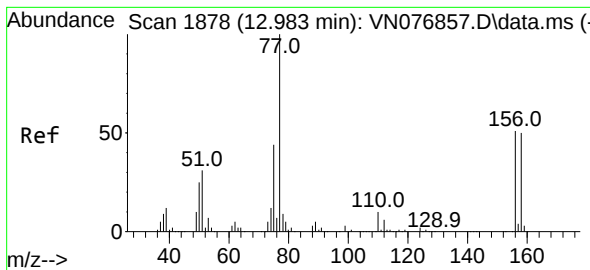
Tgt Ion: 83 Resp: 383547
Ion Ratio Lower Upper
83 100
131 10.0 5.3 16.1
85 64.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 61.379 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 75 Resp: 489300
Ion Ratio Lower Upper
75 100
77 134.5 93.8 281.4





#77

Bromobenzene

Concen: 48.324 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

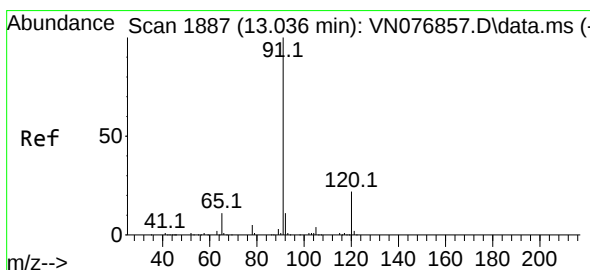
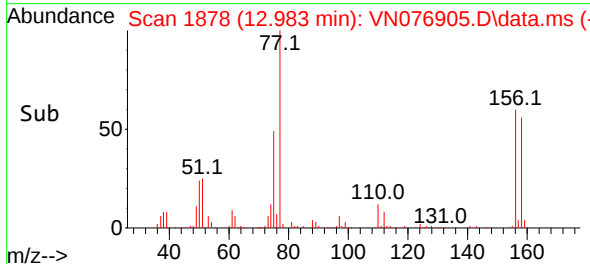
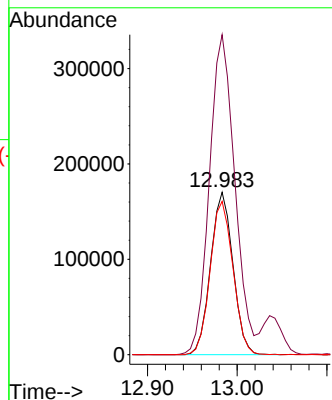
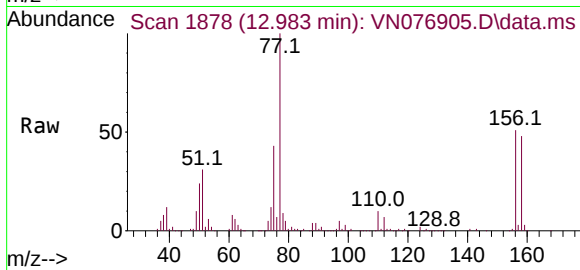
Tgt Ion:156 Resp: 294636

Ion Ratio Lower Upper

156 100

77 223.3 101.3 303.7

158 96.4 48.9 146.7



#78

n-propylbenzene

Concen: 50.982 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN076905.D

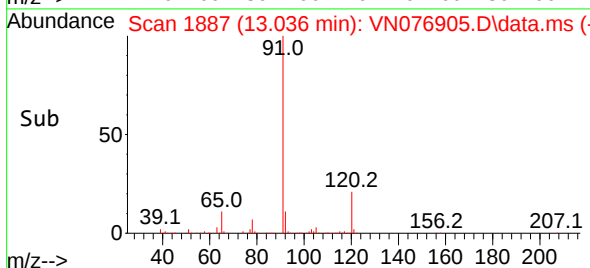
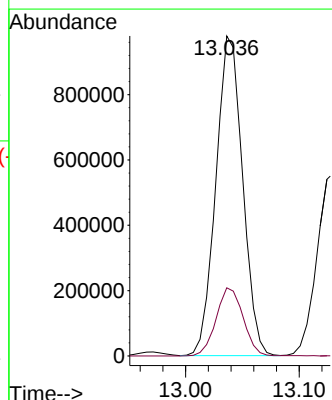
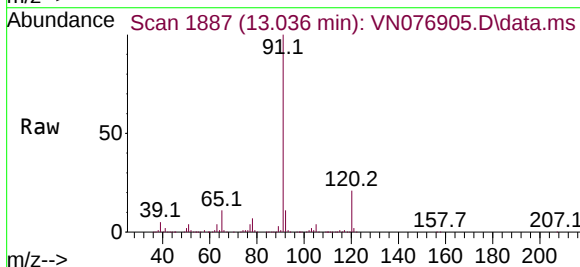
Acq: 09 Mar 2023 16:17

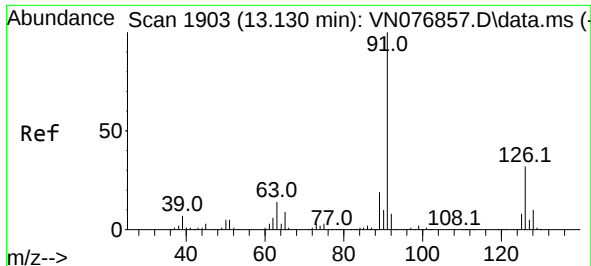
Tgt Ion: 91 Resp: 1601878

Ion Ratio Lower Upper

91 100

120 21.6 11.9 35.7

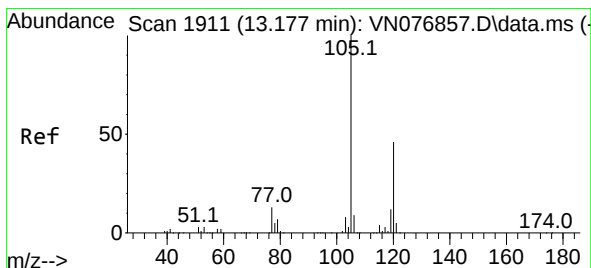
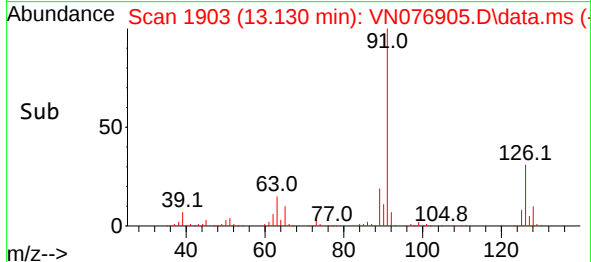
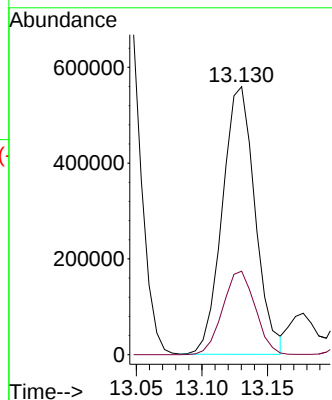
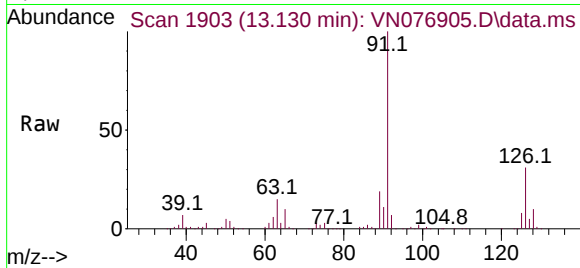




#79
2-Chlorotoluene
Concen: 48.220 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

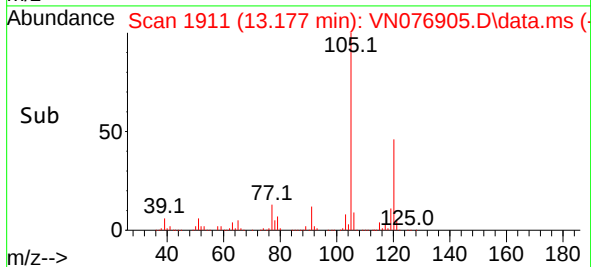
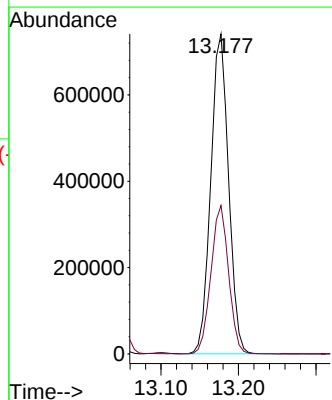
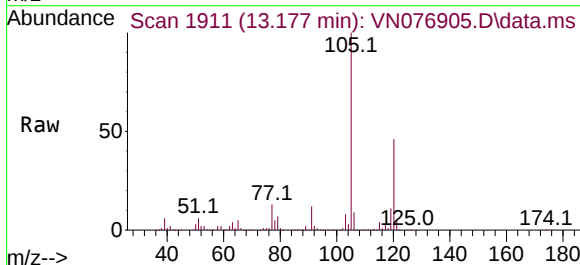
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

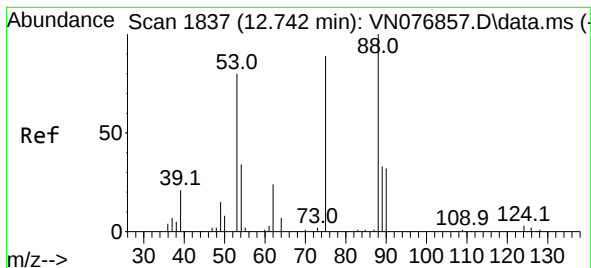
Tgt Ion: 91 Resp: 971911
Ion Ratio Lower Upper
91 100
126 31.0 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 51.171 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion:105 Resp: 1181671
Ion Ratio Lower Upper
105 100
120 46.2 25.2 75.6

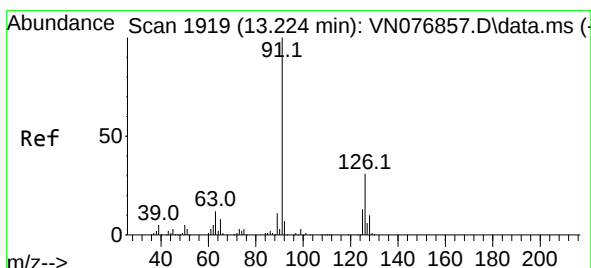
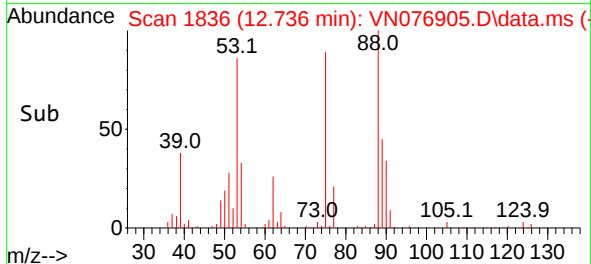
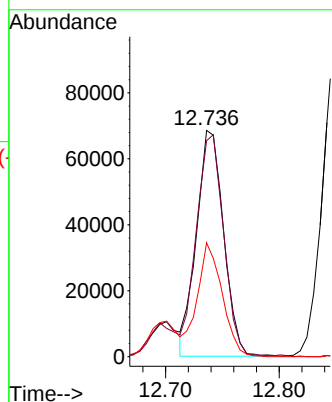
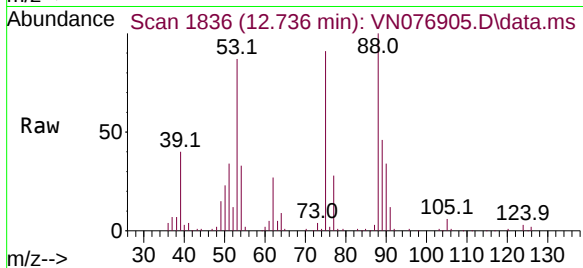




#81
trans-1,4-Dichloro-2-butene
Concen: 46.978 ug/l
RT: 12.736 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

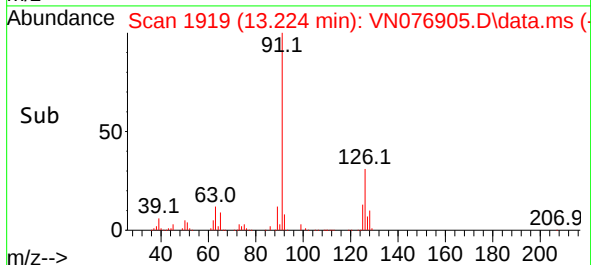
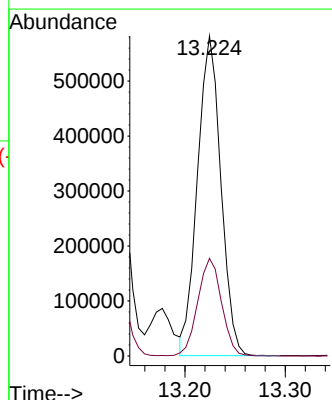
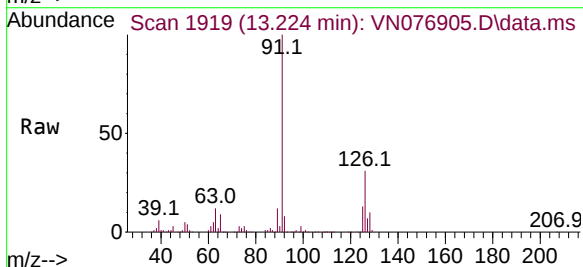
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

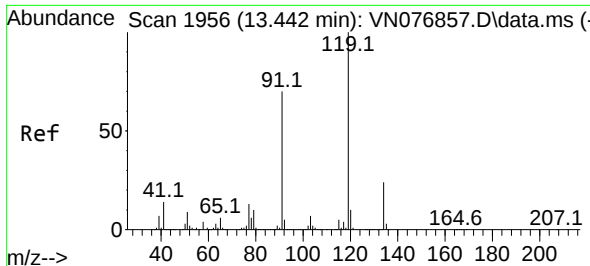
Tgt Ion: 75 Resp: 113552
Ion Ratio Lower Upper
75 100
53 99.7 67.4 101.0
89 47.0 39.5 59.3



#82
4-Chlorotoluene
Concen: 49.402 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 91 Resp: 943969
Ion Ratio Lower Upper
91 100
126 31.1 18.0 54.0

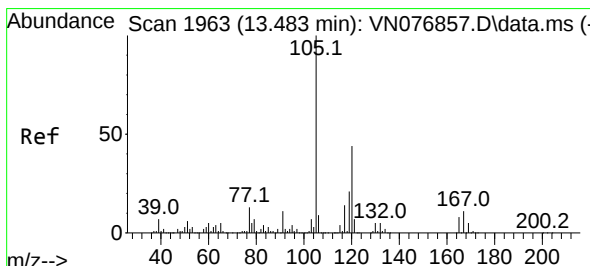
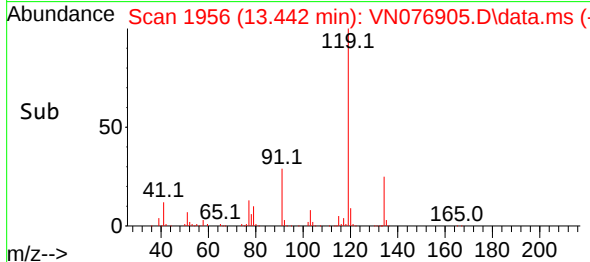
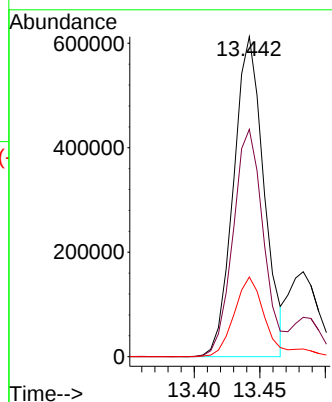
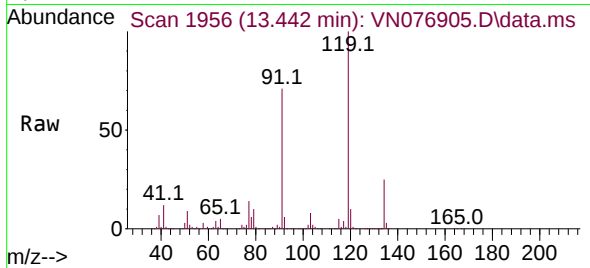




#83
tert-Butylbenzene
Concen: 50.051 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

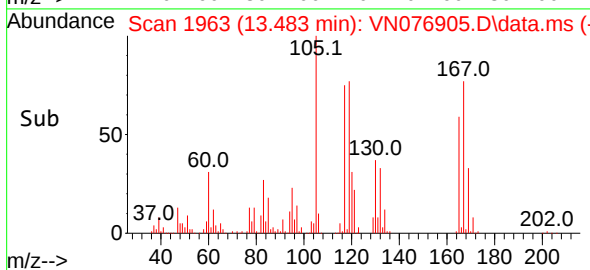
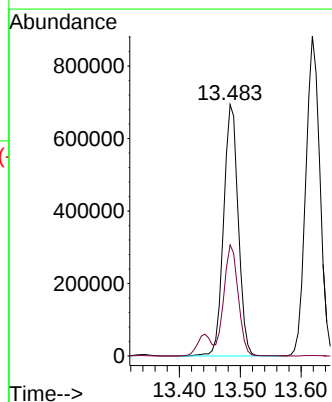
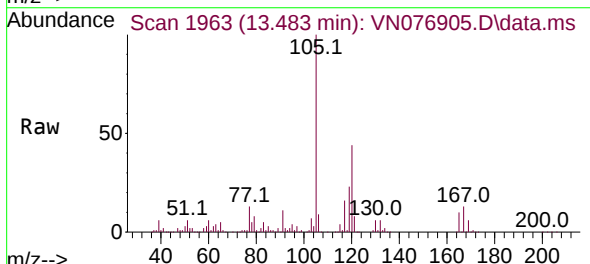
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

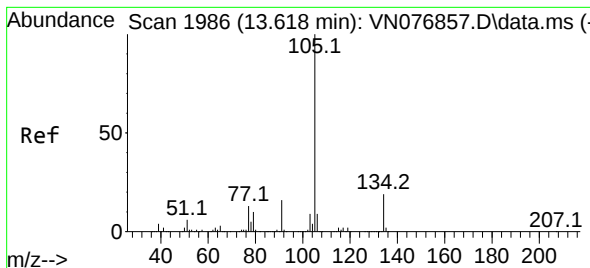
Tgt Ion:119 Resp: 987678
Ion Ratio Lower Upper
119 100
91 72.4 31.9 95.5
134 26.2 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 50.836 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion:105 Resp: 1157988
Ion Ratio Lower Upper
105 100
120 43.5 23.6 70.8





#85

sec-Butylbenzene

Concen: 51.552 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

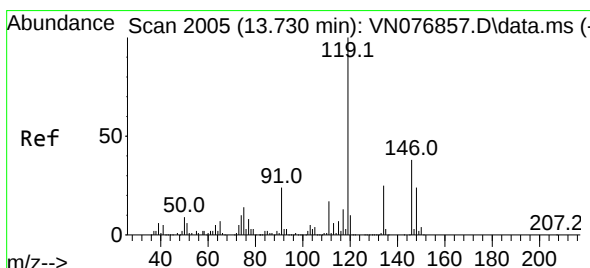
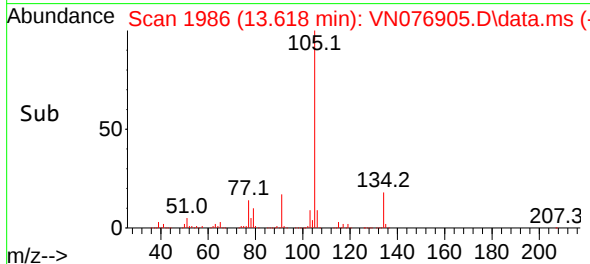
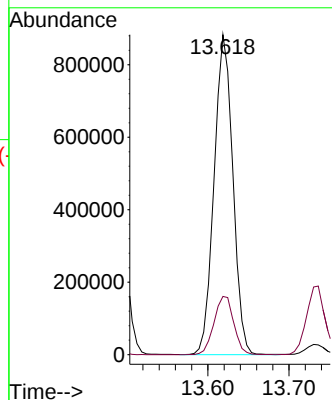
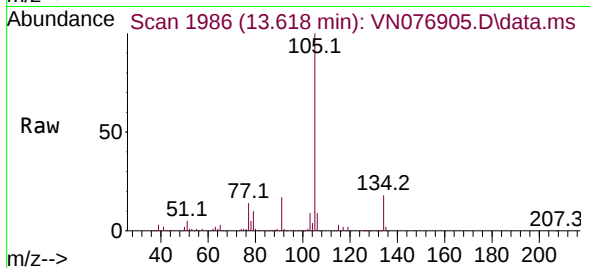
VSTDCCC050

Tgt Ion:105 Resp: 1420318

Ion Ratio Lower Upper

105 100

134 19.2 10.4 31.2



#86

p-Isopropyltoluene

Concen: 53.739 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

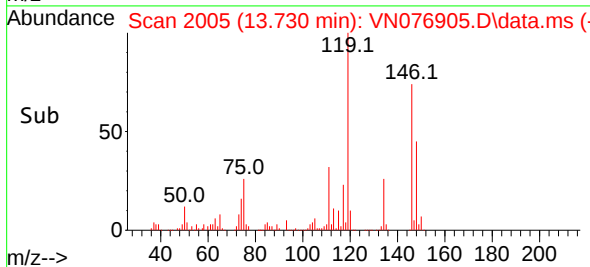
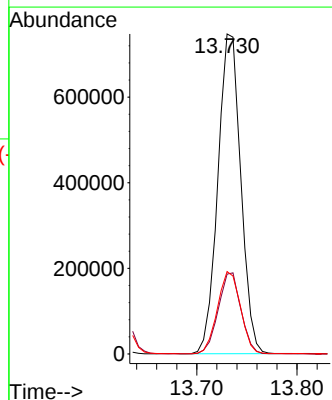
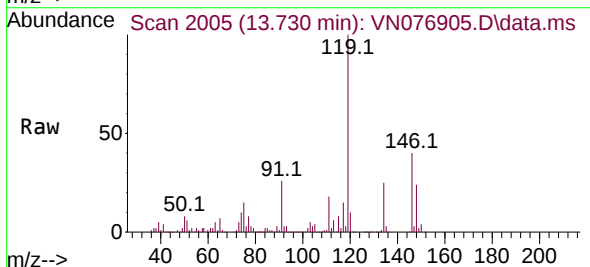
Tgt Ion:119 Resp: 1184232

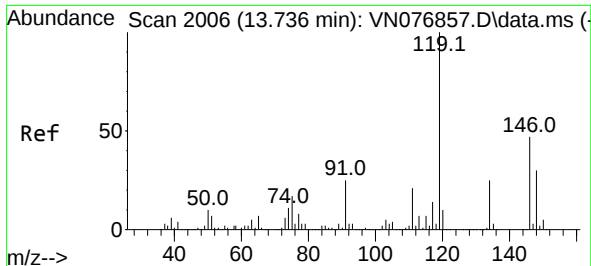
Ion Ratio Lower Upper

119 100

134 25.3 13.5 40.5

91 25.8 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 49.812 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

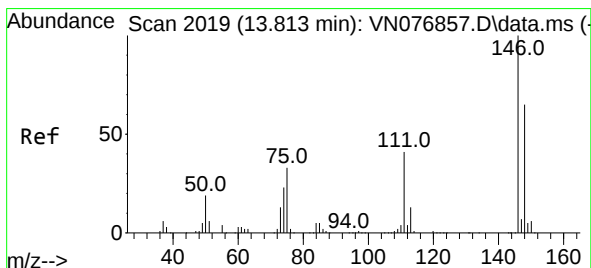
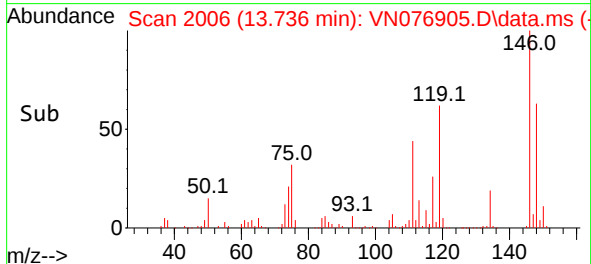
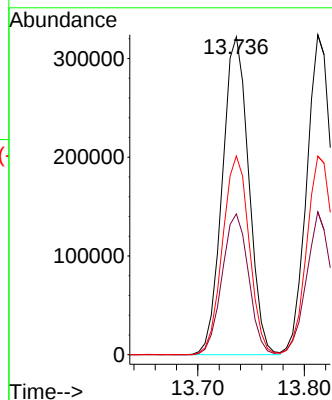
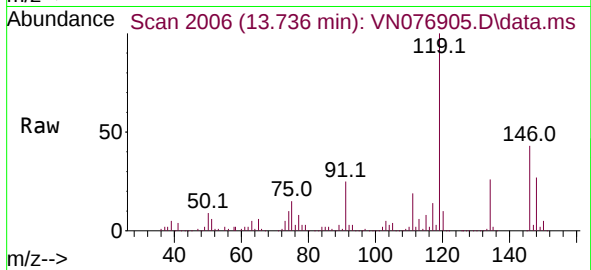
Tgt Ion:146 Resp: 554548

Ion Ratio Lower Upper

146 100

111 44.4 20.4 61.2

148 63.1 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 48.014 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

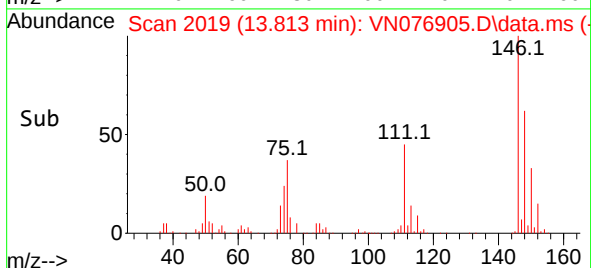
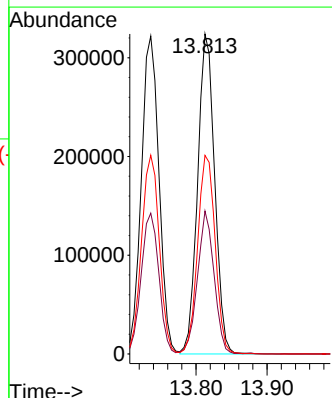
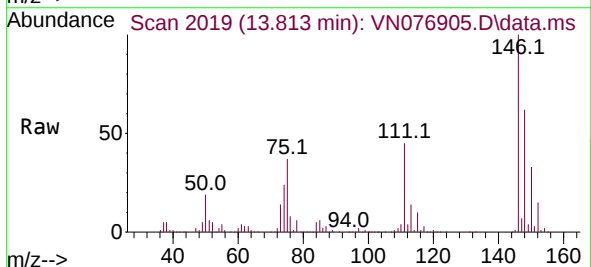
Tgt Ion:146 Resp: 542758

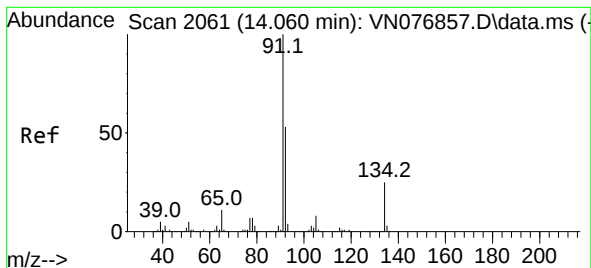
Ion Ratio Lower Upper

146 100

111 43.2 20.0 60.0

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 54.011 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

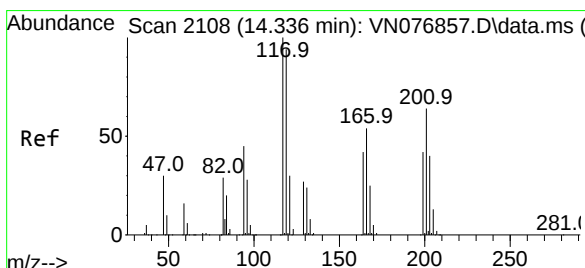
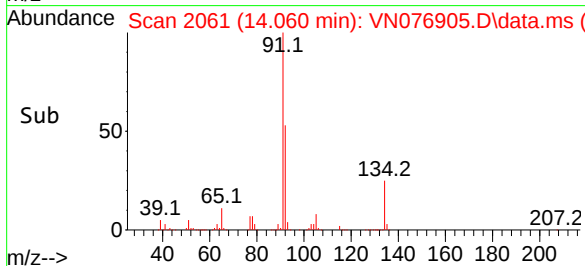
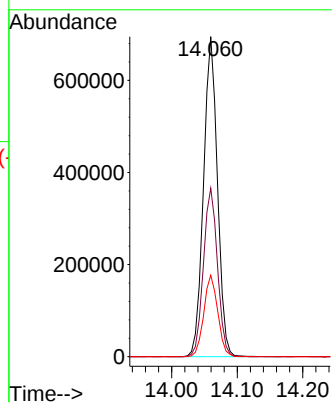
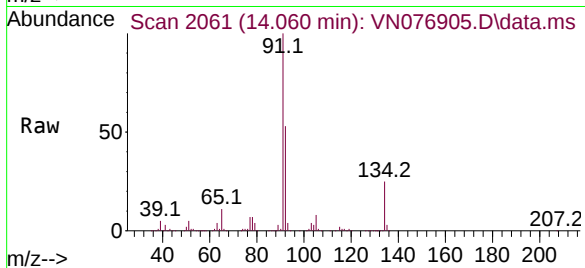
Tgt Ion: 91 Resp: 1028248

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 25.5 13.6 40.7



#90

Hexachloroethane

Concen: 49.595 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN076905.D

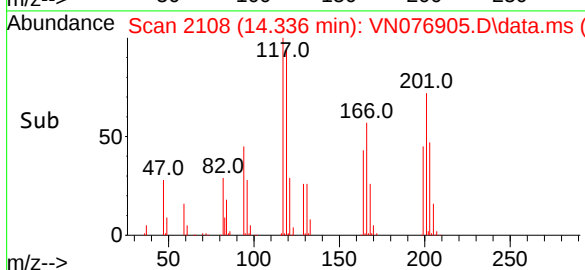
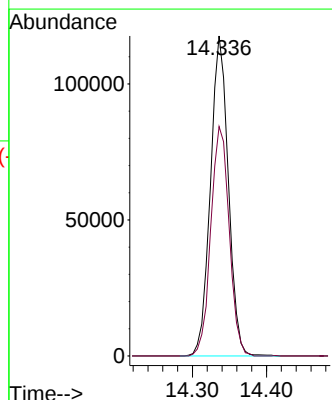
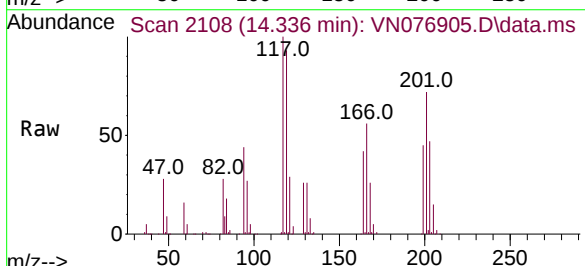
Acq: 09 Mar 2023 16:17

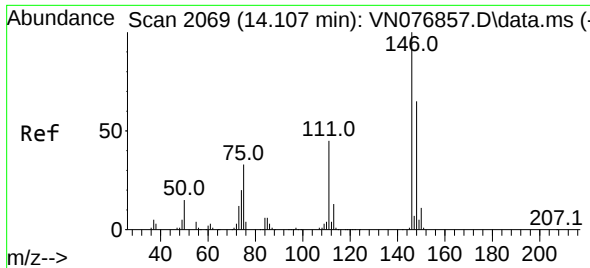
Tgt Ion: 117 Resp: 197463

Ion Ratio Lower Upper

117 100

201 73.5 31.9 95.7

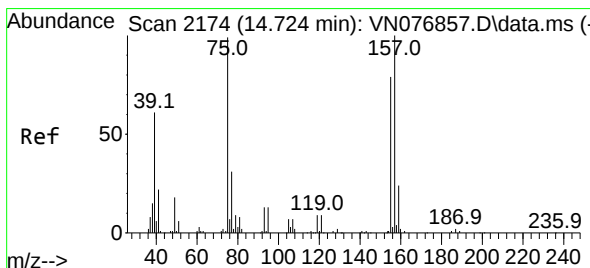
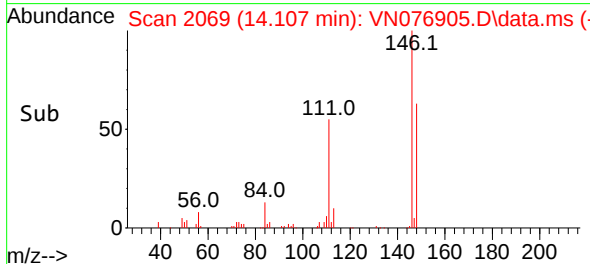
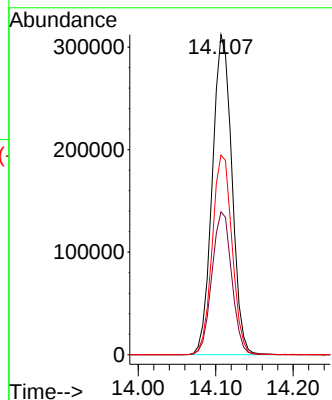
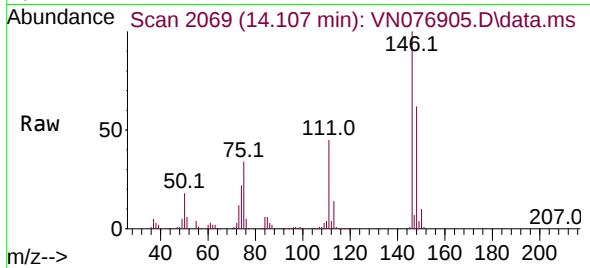




#91
1,2-Dichlorobenzene
Concen: 48.618 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

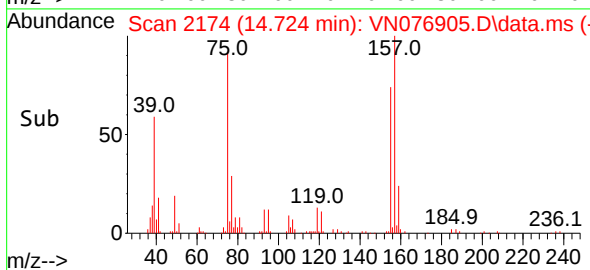
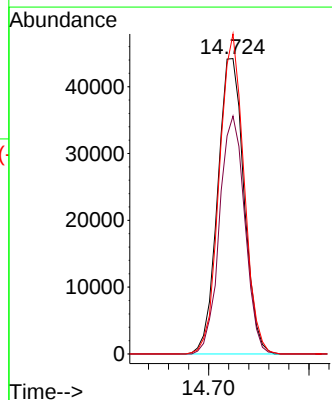
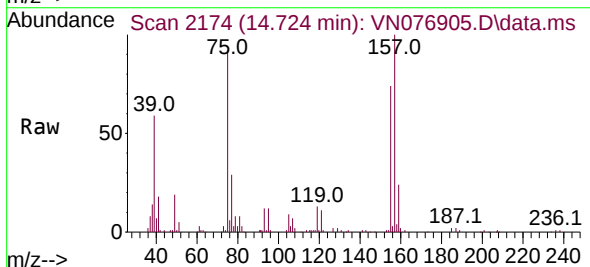
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

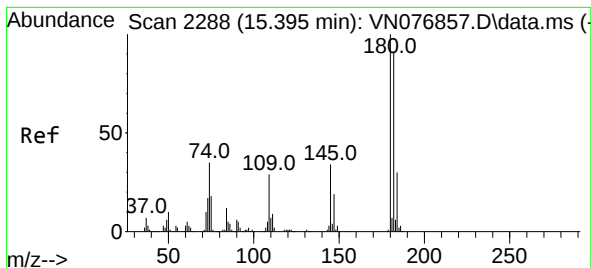
Tgt Ion:146 Resp: 548271
Ion Ratio Lower Upper
146 100
111 45.2 21.4 64.2
148 63.1 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.023 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076905.D
Acq: 09 Mar 2023 16:17

Tgt Ion: 75 Resp: 80352
Ion Ratio Lower Upper
75 100
155 77.5 44.3 132.8
157 101.4 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 57.103 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

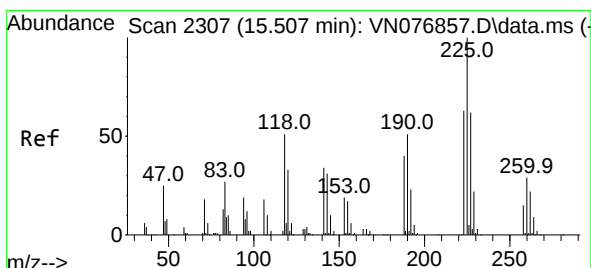
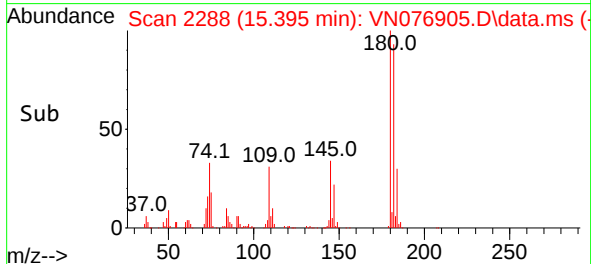
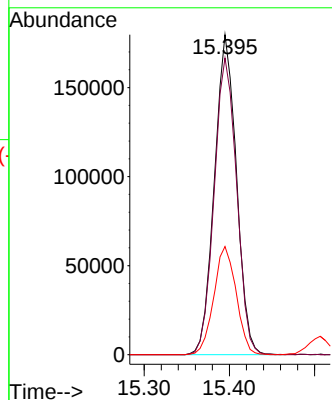
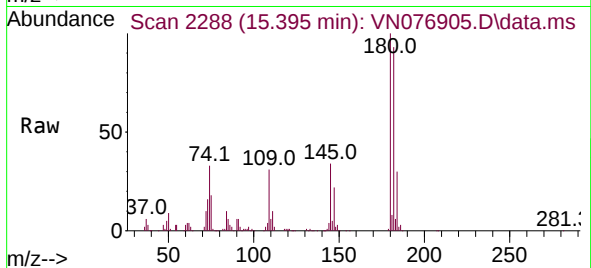
Tgt Ion:180 Resp: 322154

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 34.5 15.8 47.3



#94

Hexachlorobutadiene

Concen: 57.752 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

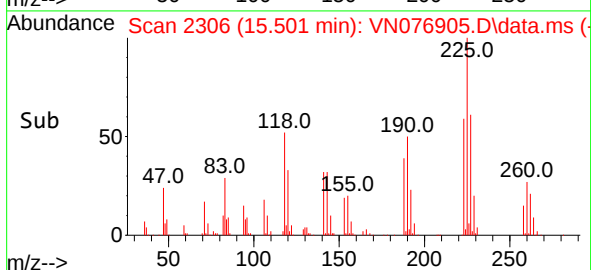
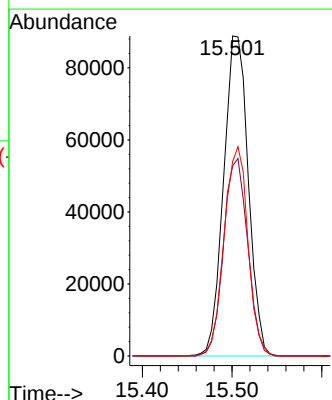
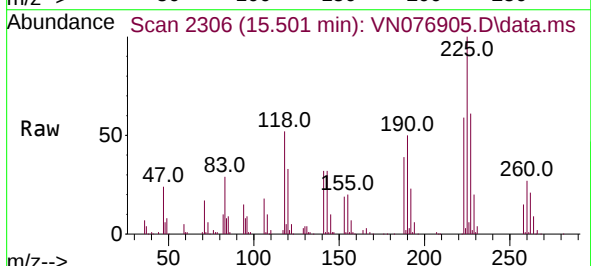
Tgt Ion:225 Resp: 169645

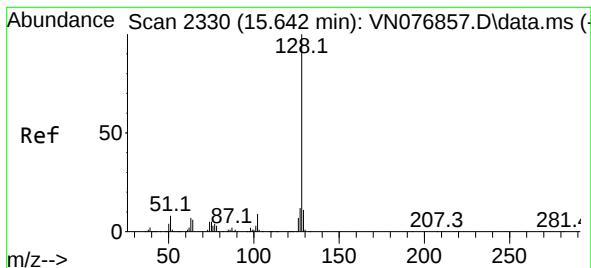
Ion Ratio Lower Upper

225 100

223 60.6 31.4 94.0

227 63.0 30.9 92.7





#95

Naphthalene

Concen: 54.808 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

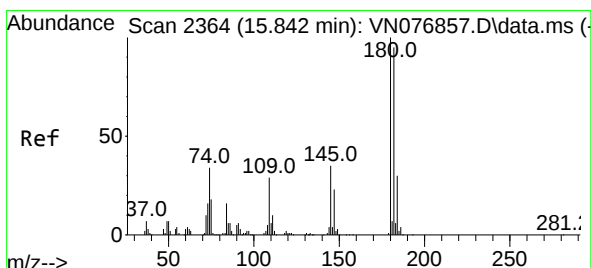
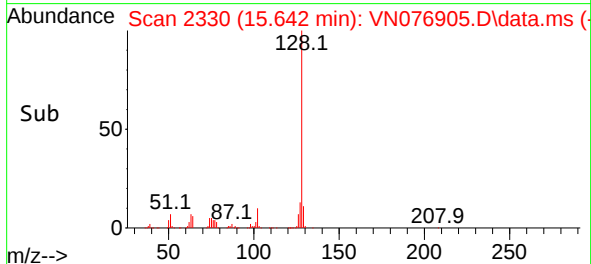
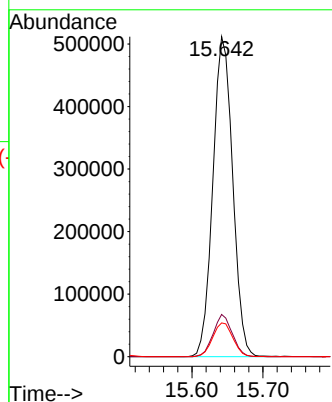
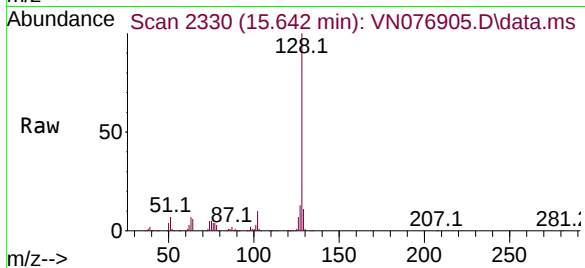
Tgt Ion:128 Resp: 990434

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 58.181 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076905.D

Acq: 09 Mar 2023 16:17

Tgt Ion:180 Resp: 322619

Ion Ratio Lower Upper

180 100

182 92.4 47.7 143.1

145 33.9 17.0 51.0

