

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016294.D
 Acq On : 10 Nov 2023 08:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 10 22:15:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	165021	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	263143	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	227088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102071	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73004	48.404	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.800%
35) Dibromofluoromethane	7.722	113	76060	50.882	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.760%
50) Toluene-d8	10.185	98	305635	50.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.483	95	96561	49.046	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77361	47.877	ug/l	97
3) Chloromethane	2.113	50	88779	46.914	ug/l	97
4) Vinyl Chloride	2.253	62	96302	47.325	ug/l	96
5) Bromomethane	2.656	94	62731	46.909	ug/l	99
6) Chloroethane	2.796	64	63023	48.537	ug/l	96
7) Trichlorofluoromethane	3.131	101	145900	49.282	ug/l	98
8) Diethyl Ether	3.528	74	42929	48.517	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.900	101	87922	49.308	ug/l	94
10) Methyl Iodide	4.095	142	94480	49.060	ug/l	97
11) Tert butyl alcohol	4.960	59	24348	206.154	ug/l #	79
12) 1,1-Dichloroethene	3.875	96	82689	49.586	ug/l	89
13) Acrolein	3.729	56	29747	208.814	ug/l	97
14) Allyl chloride	4.479	41	116063	49.046	ug/l #	92
15) Acrylonitrile	5.168	53	84451	240.503	ug/l	99
16) Acetone	3.948	43	57697	231.269	ug/l	93
17) Carbon Disulfide	4.198	76	248066	49.302	ug/l	99
18) Methyl Acetate	4.479	43	64594	48.726	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	194854	48.278	ug/l	96
20) Methylene Chloride	4.716	84	90445	51.417	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	94008	48.962	ug/l	94
22) Diisopropyl ether	6.119	45	251029	49.222	ug/l	89
23) Vinyl Acetate	6.064	43	601191	243.284	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	154128	48.988	ug/l	97
25) 2-Butanone	6.984	43	100068	229.001	ug/l	91
26) 2,2-Dichloropropane	6.984	77	143759	50.204	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	102136	49.360	ug/l	92
28) Bromochloromethane	7.338	49	59401	51.013	ug/l	88
29) Tetrahydrofuran	7.350	42	68779	238.132	ug/l	90
30) Chloroform	7.515	83	161284	49.249	ug/l	97
31) Cyclohexane	7.789	56	141949	47.803	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	149689	49.863	ug/l	97
36) 1,1-Dichloropropene	7.923	75	130488	50.272	ug/l	99
37) Ethyl Acetate	7.076	43	49207	46.919	ug/l	96
38) Carbon Tetrachloride	7.905	117	137153	50.913	ug/l	99
39) Methylcyclohexane	9.191	83	164810	50.957	ug/l	93
40) Benzene	8.167	78	365734	50.152	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	27533	52.067	ug/l #	92
42) 1,2-Dichloroethane	8.240	62	93311	49.384	ug/l	93
43) Isopropyl Acetate	8.277	43	95943	47.327	ug/l #	90
44) Trichloroethene	8.941	130	104774	49.991	ug/l	93
45) 1,2-Dichloropropane	9.216	63	87444	49.929	ug/l	99
46) Dibromomethane	9.307	93	46721	49.229	ug/l	97
47) Bromodichloromethane	9.502	83	122092	50.039	ug/l	99
48) Methyl methacrylate	9.295	41	54292	48.458	ug/l	85
49) 1,4-Dioxane	9.307	88	9756	968.271	ug/l #	64
51) 4-Methyl-2-Pentanone	10.075	43	244767	238.769	ug/l	90
52) Toluene	10.246	92	230045	49.904	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	118534	50.113	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	141443	50.066	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	65288	49.911	ug/l	97
56) Ethyl methacrylate	10.514	69	62604	50.699	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	109478	49.099	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	224580	268.225	ug/l	93
59) 2-Hexanone	10.837	43	171272	224.616	ug/l	88
60) Dibromochloromethane	10.990	129	82681	50.539	ug/l	100
61) 1,2-Dibromoethane	11.093	107	61322	49.206	ug/l	98
64) Tetrachloroethene	10.728	164	101963	50.006	ug/l	96
65) Chlorobenzene	11.520	112	241126	49.698	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	90469	50.555	ug/l	98
67) Ethyl Benzene	11.599	91	441870	50.676	ug/l	98
68) m/p-Xylenes	11.703	106	334709	101.206	ug/l	95
69) o-Xylene	12.032	106	152850	49.778	ug/l	99
70) Styrene	12.050	104	224473	51.054	ug/l	97
71) Bromoform	12.209	173	47677	51.346	ug/l #	97
73) Isopropylbenzene	12.331	105	425279	51.452	ug/l	100
74) N-amyl acetate	12.148	43	80277	48.352	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	66454	50.104	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	46972m	47.972	ug/l	
77) Bromobenzene	12.611	156	94602	50.641	ug/l	94
78) n-propylbenzene	12.678	91	500866	51.276	ug/l	99
79) 2-Chlorotoluene	12.758	91	272183	50.562	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	343587	51.558	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	23439	51.959	ug/l	90
82) 4-Chlorotoluene	12.861	91	278468	50.062	ug/l	99
83) tert-Butylbenzene	13.081	119	304377	51.855	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	333170	50.774	ug/l	98
85) sec-Butylbenzene	13.258	105	430787	51.371	ug/l	100
86) p-Isopropyltoluene	13.373	119	369451	51.165	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	177926	49.507	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	174231	49.604	ug/l	99
89) n-Butylbenzene	13.703	91	343456	51.505	ug/l	96
90) Hexachloroethane	13.965	117	69384	49.812	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	152812	49.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9406	44.574	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	86479	48.107	ug/l	97
94) Hexachlorobutadiene	15.117	225	52077	50.566	ug/l	96
95) Naphthalene	15.239	128	154835	48.159	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	71049	47.785	ug/l	99

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Response via : Initial Calibration

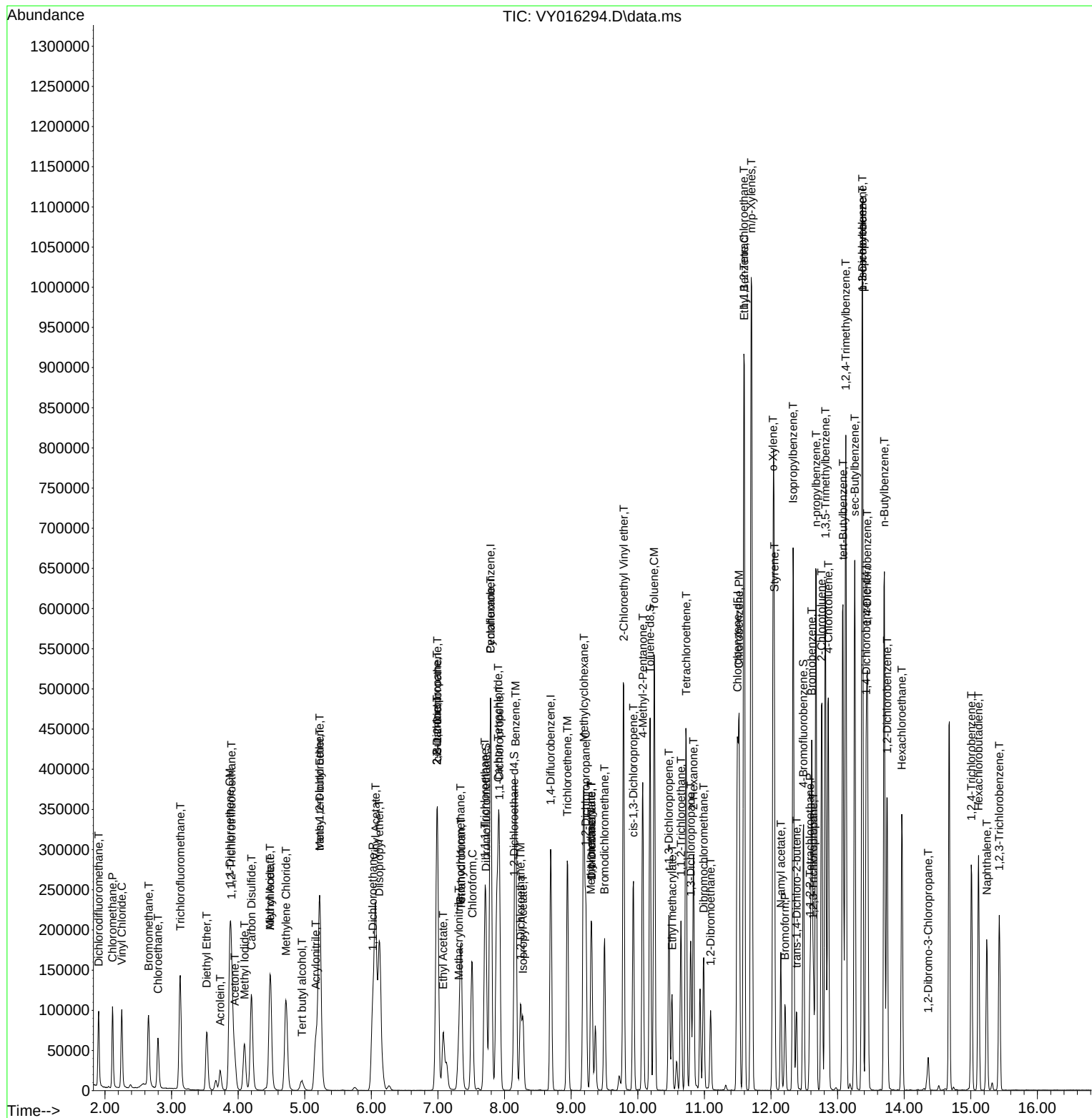
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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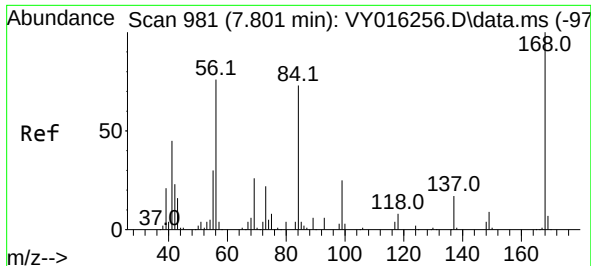
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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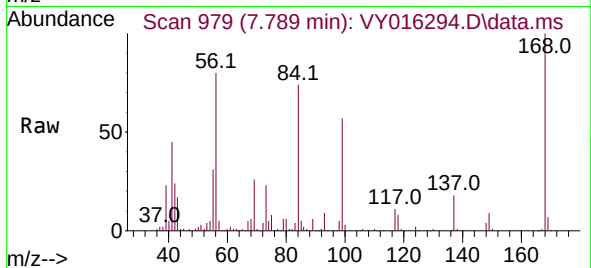
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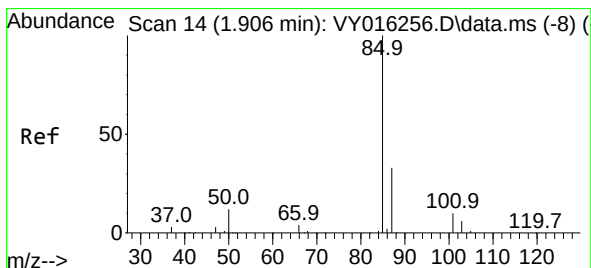
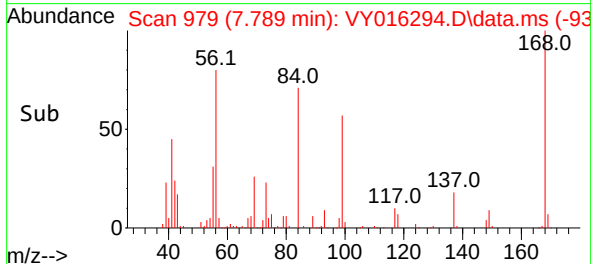
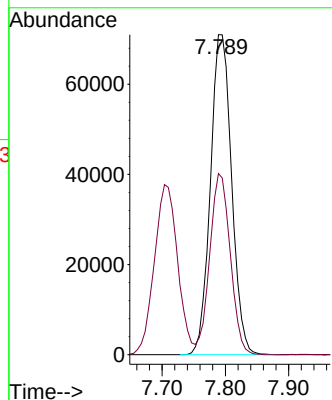


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016294.D
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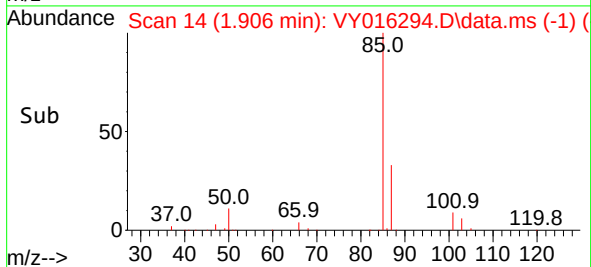
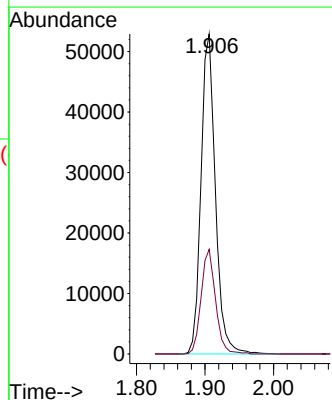
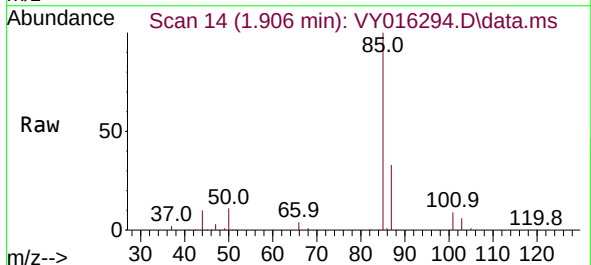


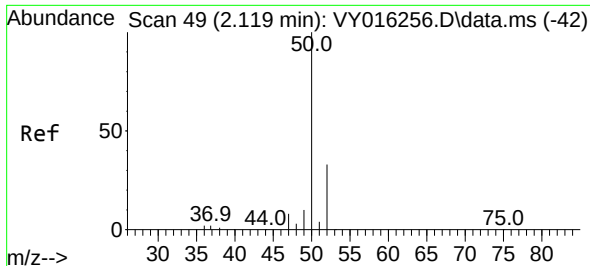
Tgt Ion:168 Resp: 165021
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.877 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 85 Resp: 77361
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8

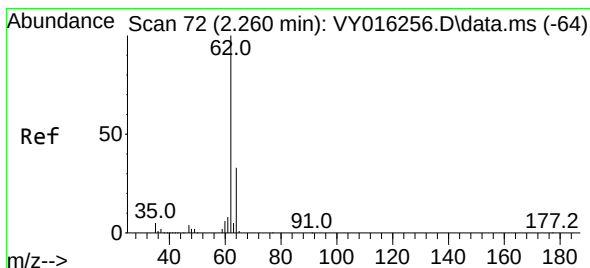
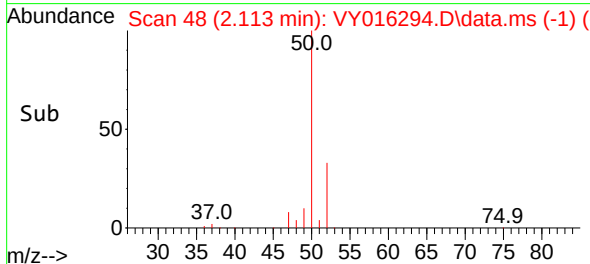
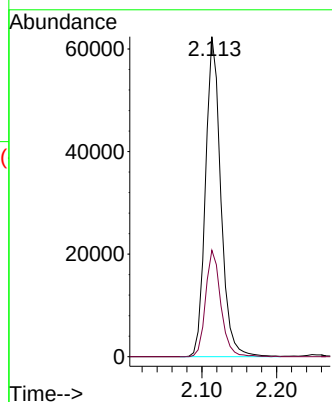
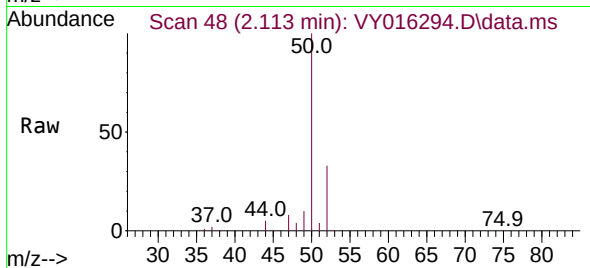




#3
Chloromethane
Concen: 46.914 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016294.D
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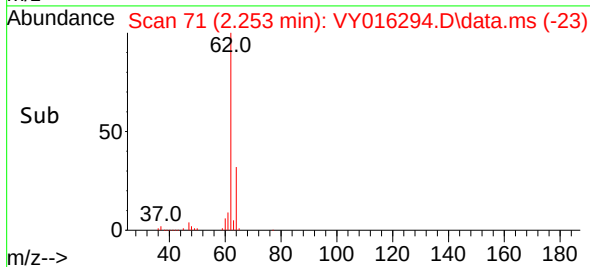
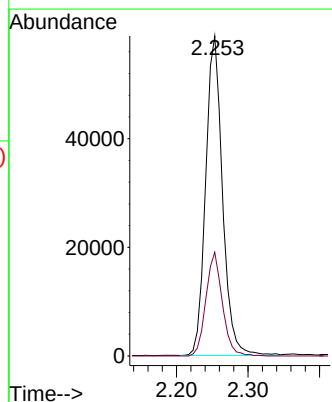
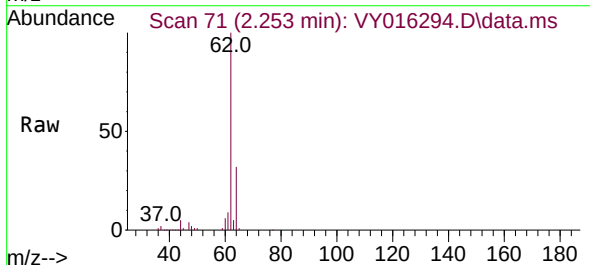
Instrument :
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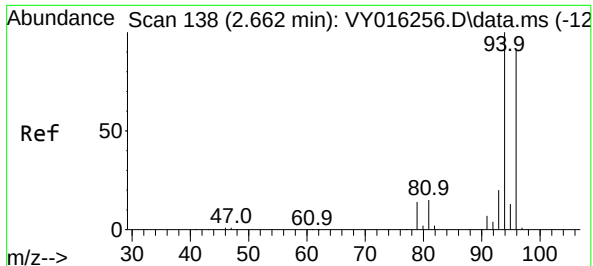
Tgt Ion: 50 Resp: 88779
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2



#4
Vinyl Chloride
Concen: 47.325 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 62 Resp: 96302
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5

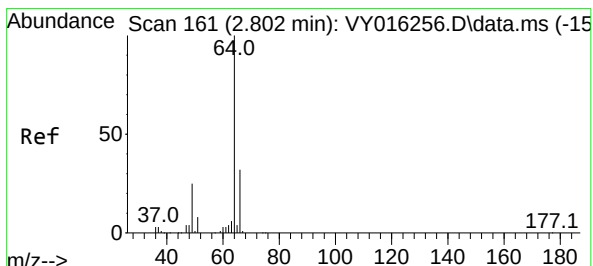
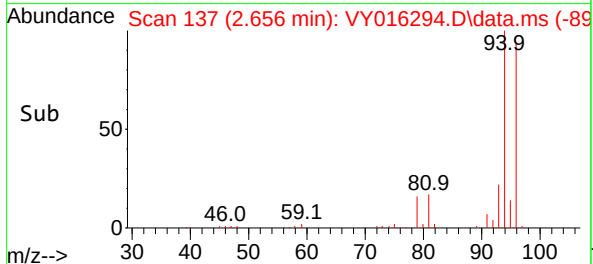
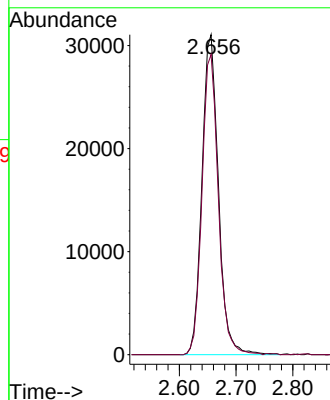
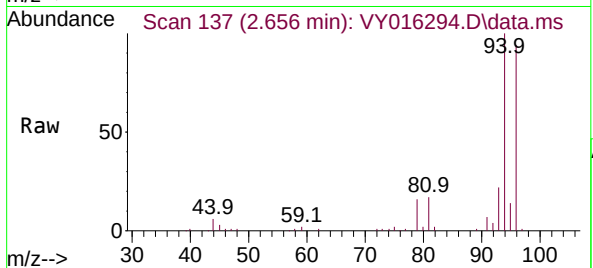




#5
Bromomethane
Concen: 46.909 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
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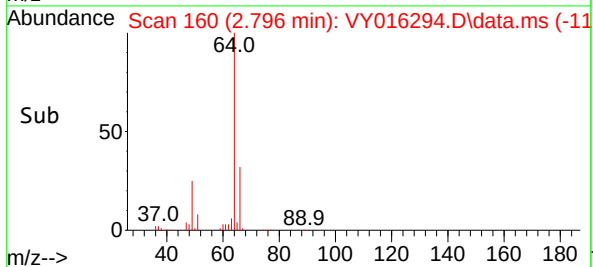
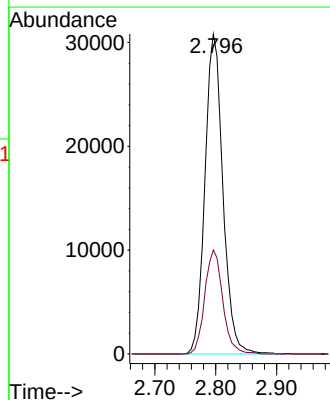
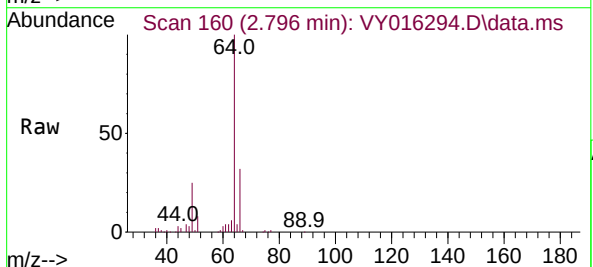
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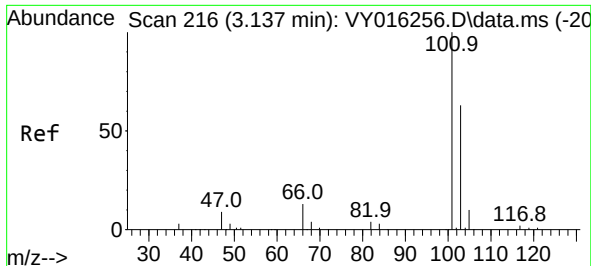
Tgt Ion: 94 Resp: 62731
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.6



#6
Chloroethane
Concen: 48.537 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 64 Resp: 63023
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6

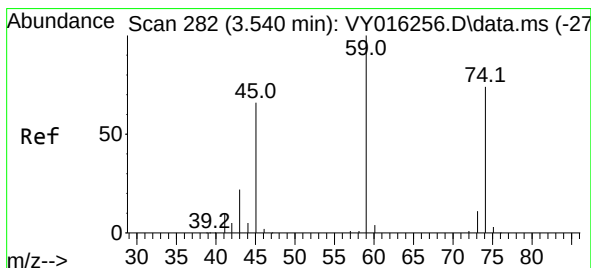
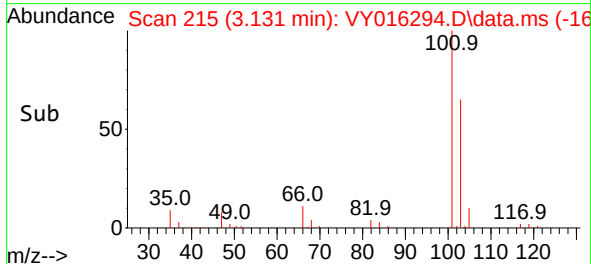
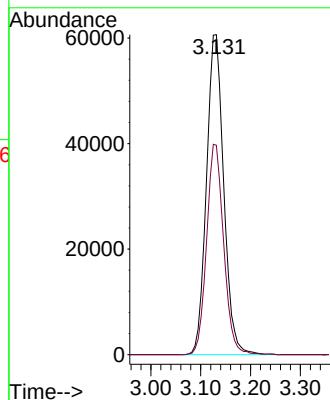
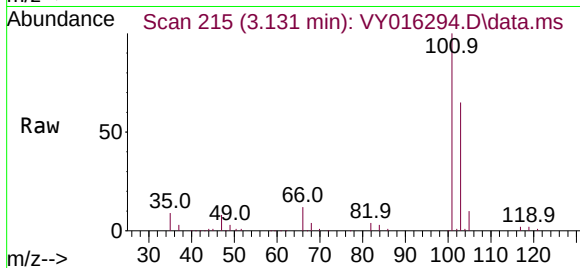




#7
Trichlorofluoromethane
Concen: 49.282 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY016294.D
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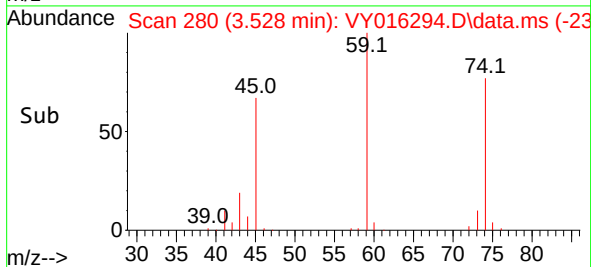
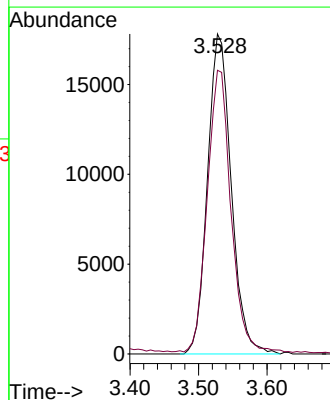
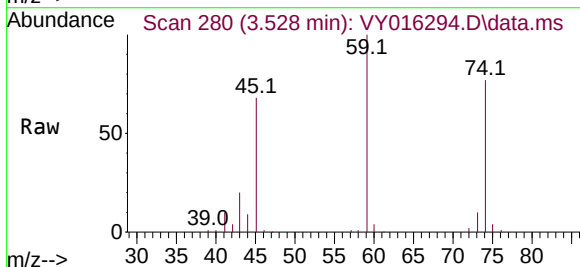
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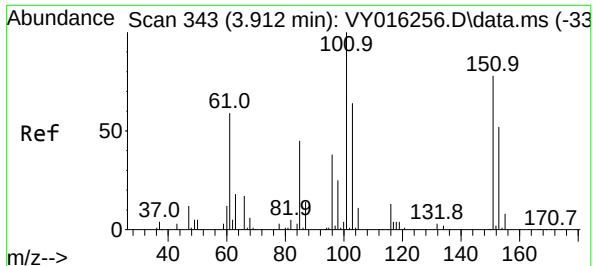
Tgt Ion:101 Resp: 145900
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0



#8
Diethyl Ether
Concen: 48.517 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 42929
Ion Ratio Lower Upper
74 100
45 88.1 51.5 154.5

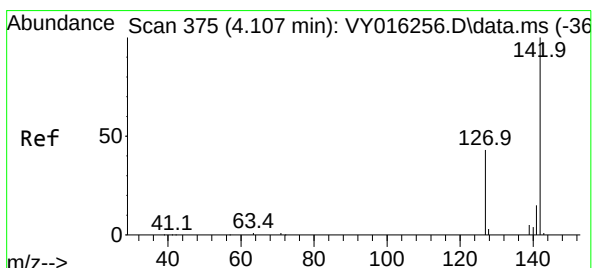
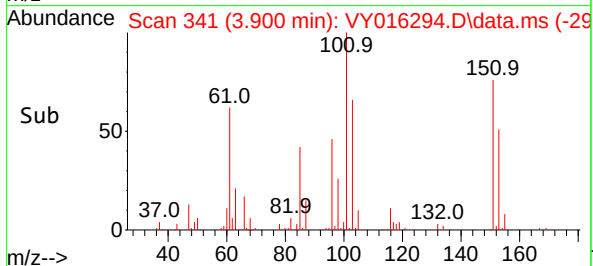
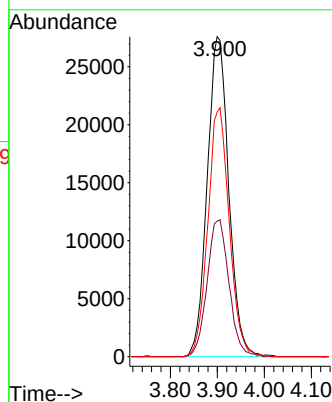
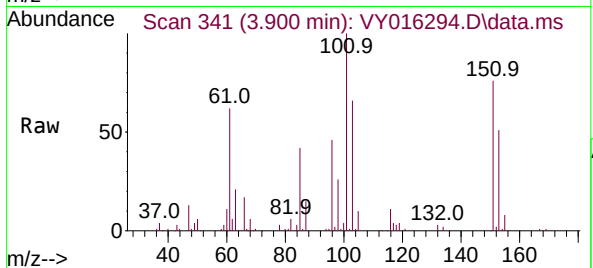




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.308 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

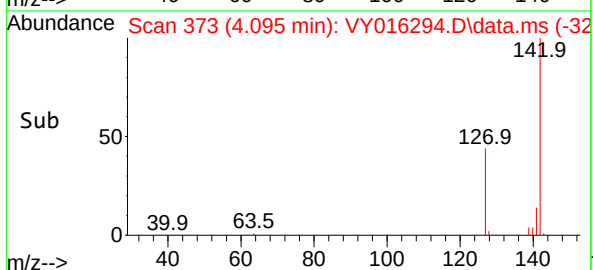
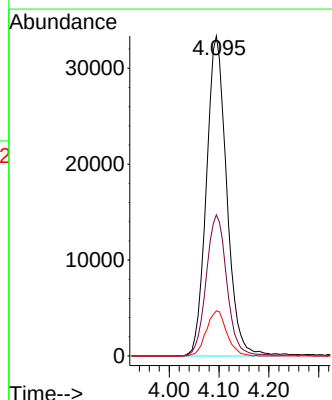
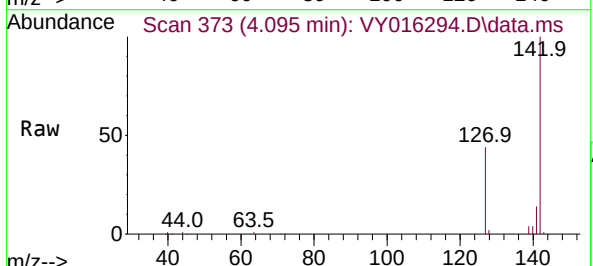
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

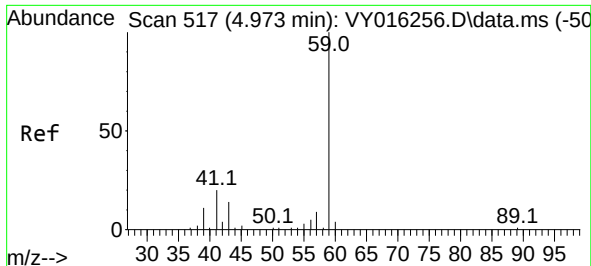
Tgt Ion:101 Resp: 87922
Ion Ratio Lower Upper
101 100
85 43.4 36.6 55.0
151 77.3 67.0 100.6



#10
Methyl Iodide
Concen: 49.060 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion:142 Resp: 94480
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.2 11.8 17.8

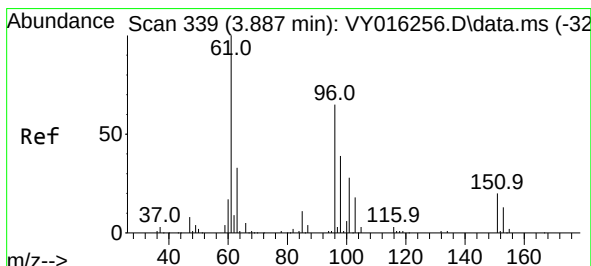
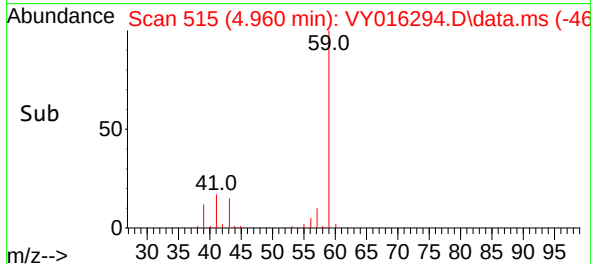
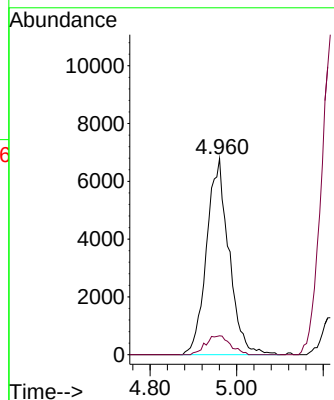
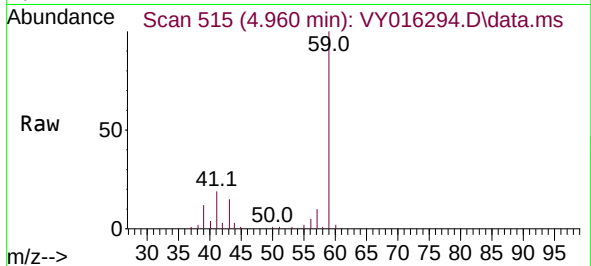




#11
Tert butyl alcohol
Concen: 206.154 ug/l
RT: 4.960 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

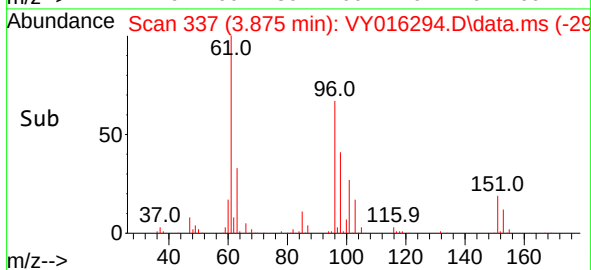
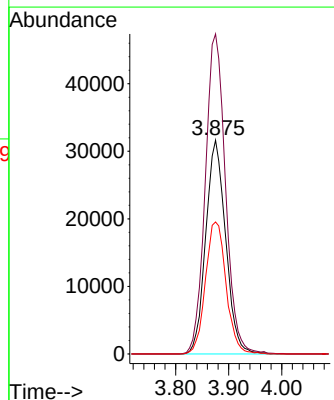
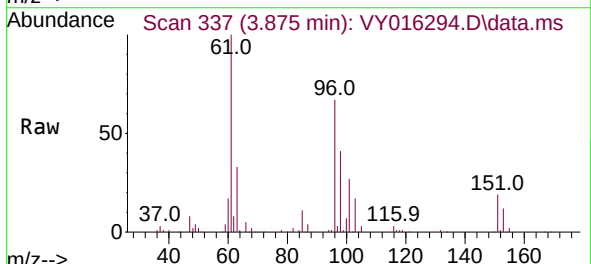
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

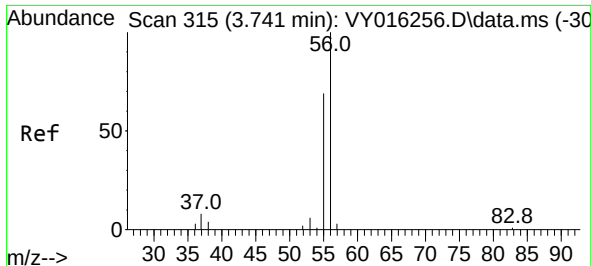
Tgt Ion: 59 Resp: 24348
Ion Ratio Lower Upper
59 100
57 10.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.586 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 96 Resp: 82689
Ion Ratio Lower Upper
96 100
61 149.7 136.4 204.6
98 61.7 49.4 74.2

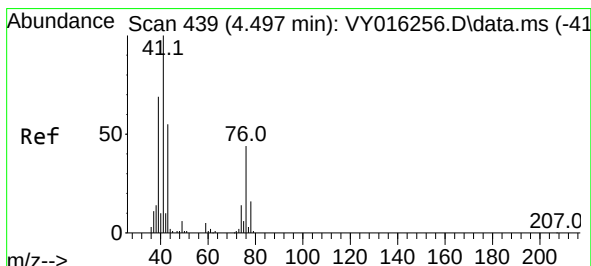
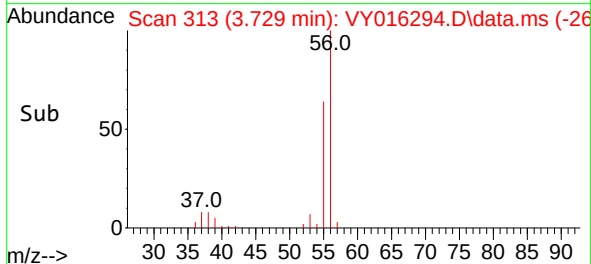
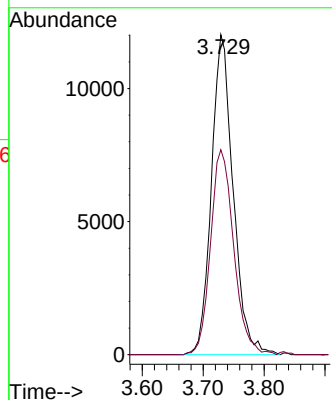
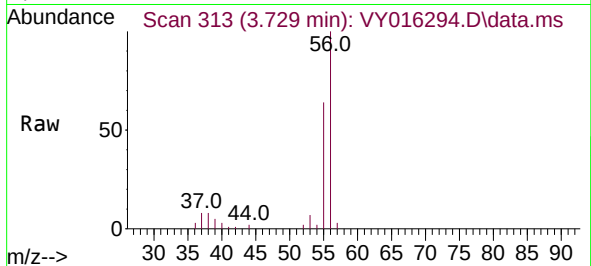




#13
Acrolein
Concen: 208.814 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

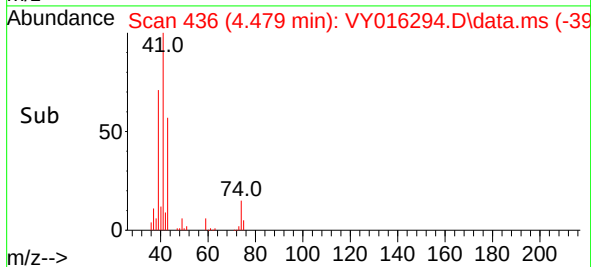
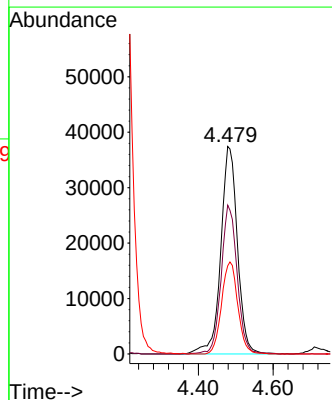
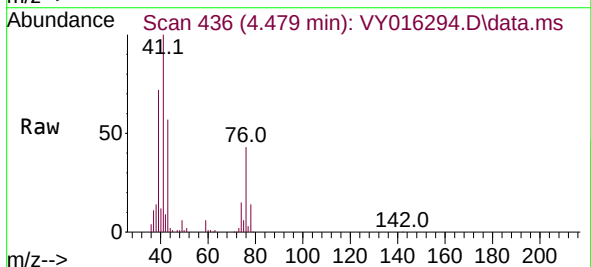
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

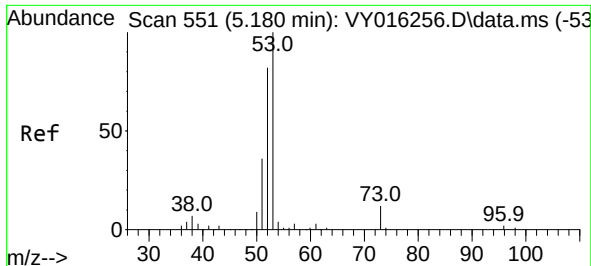
Tgt Ion: 56 Resp: 29747
Ion Ratio Lower Upper
56 100
55 68.5 57.0 85.4



#14
Allyl chloride
Concen: 49.046 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 41 Resp: 116063
Ion Ratio Lower Upper
41 100
39 68.9 58.0 87.0
76 43.0 27.4 41.2#

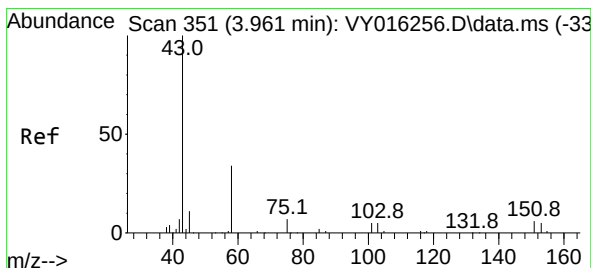
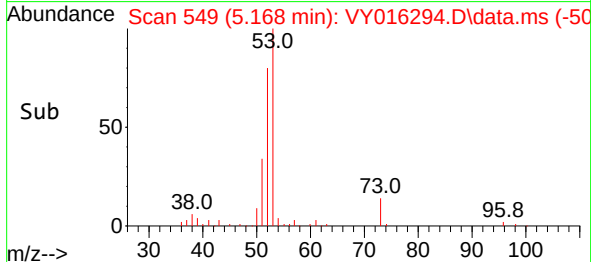
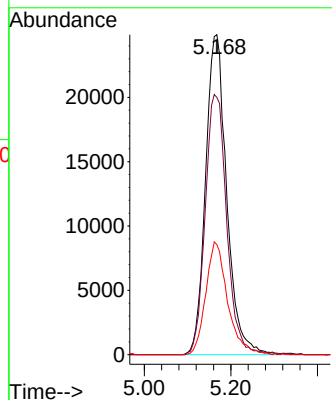
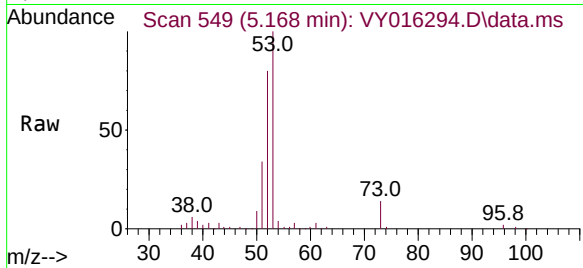




#15
Acrylonitrile
Concen: 240.503 ug/l
RT: 5.168 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

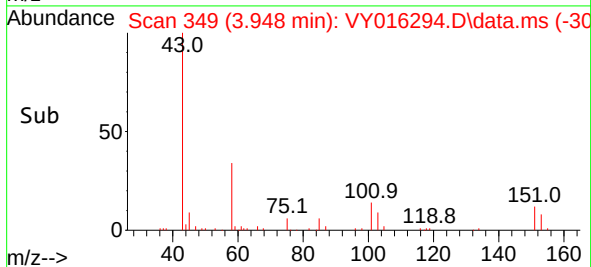
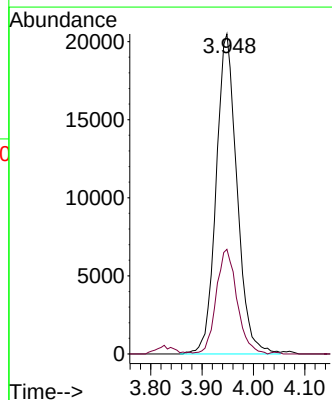
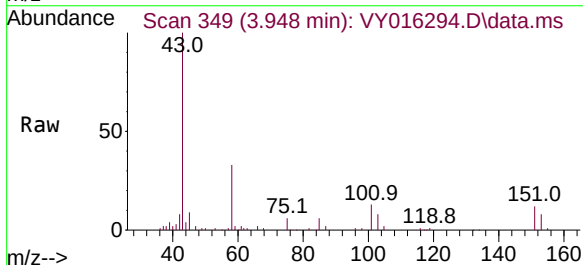
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

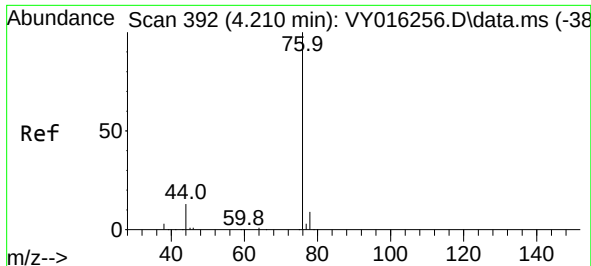
Tgt Ion: 53 Resp: 84451
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 231.269 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 43 Resp: 57697
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1

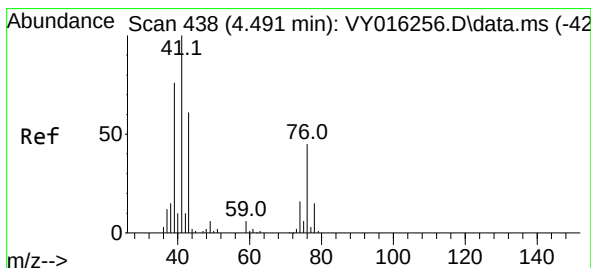
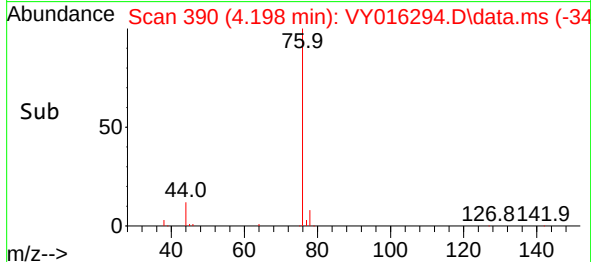
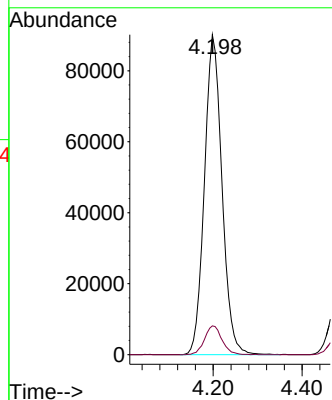
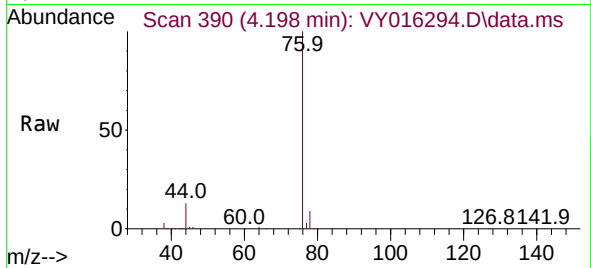




#17
Carbon Disulfide
Concen: 49.302 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

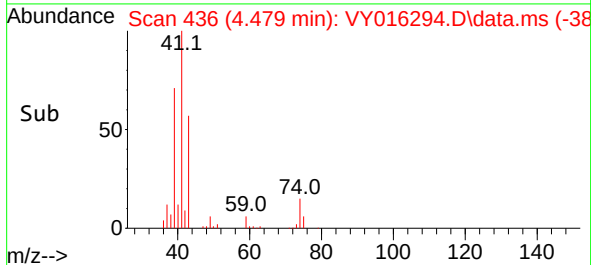
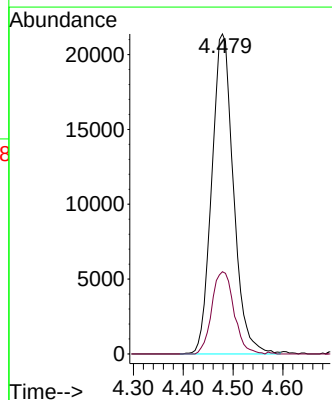
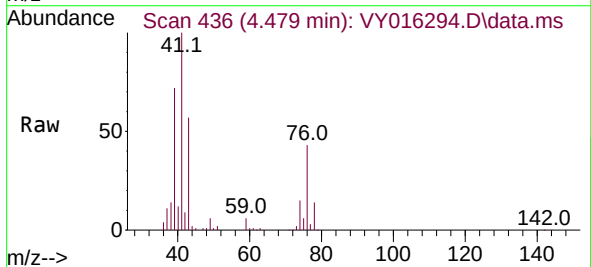
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

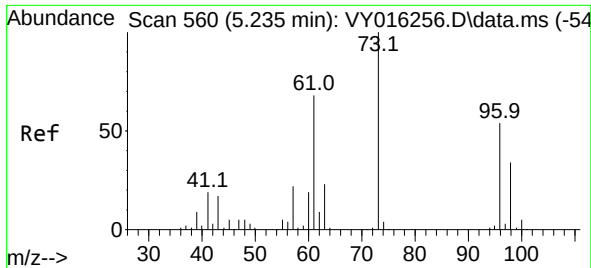
Tgt Ion: 76 Resp: 248066
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 48.726 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 43 Resp: 64594
Ion Ratio Lower Upper
43 100
74 26.2 17.4 26.0#

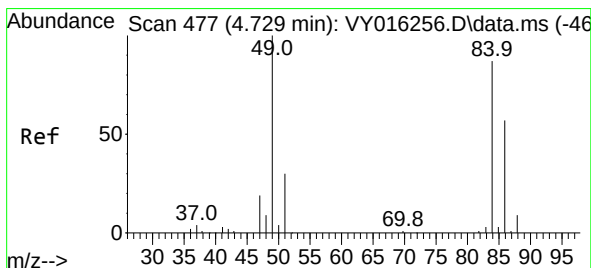
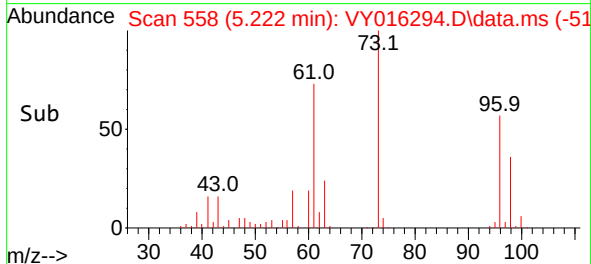
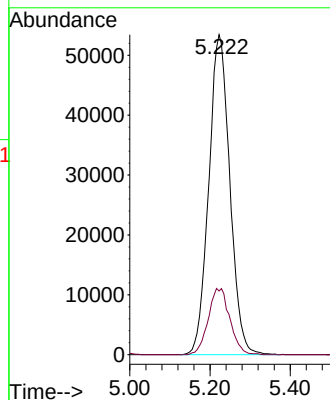
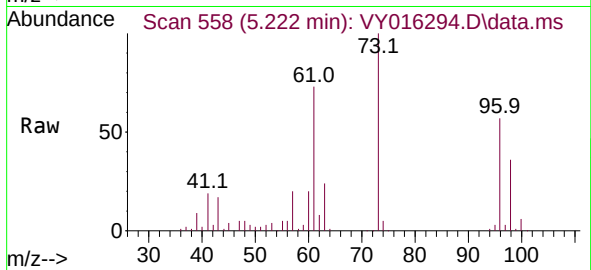




#19
Methyl tert-butyl Ether
Concen: 48.278 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

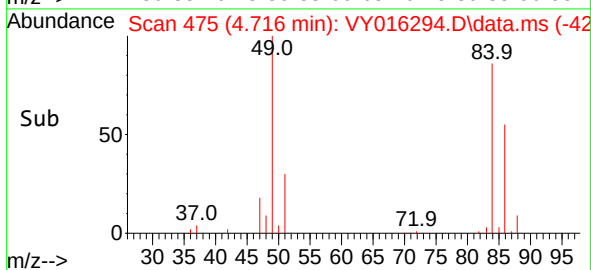
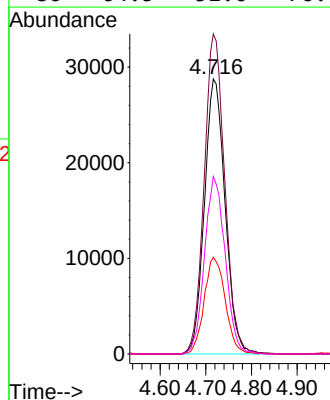
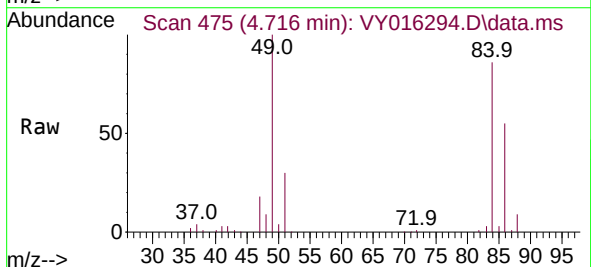
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

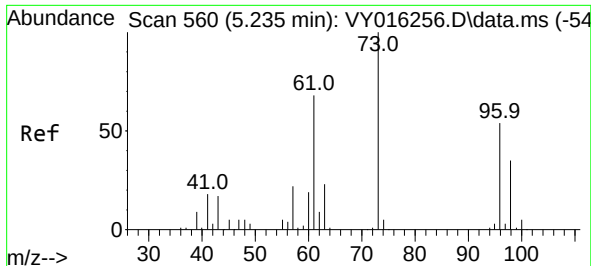
Tgt Ion: 73 Resp: 194854
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 51.417 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 84 Resp: 90445
Ion Ratio Lower Upper
84 100
49 116.4 106.9 160.3
51 35.2 33.2 49.8
86 64.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.962 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

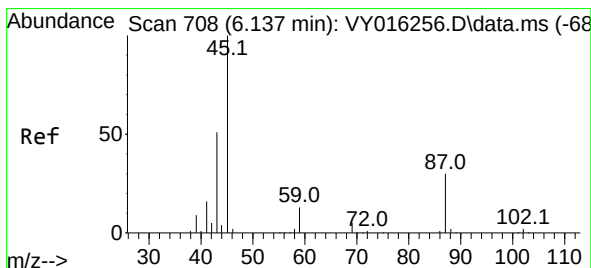
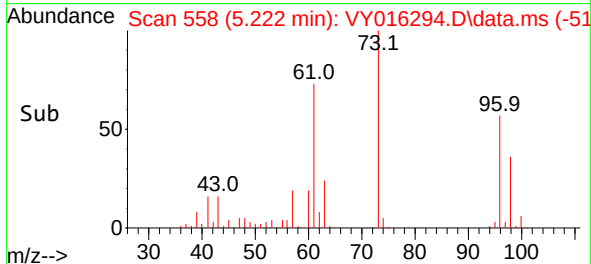
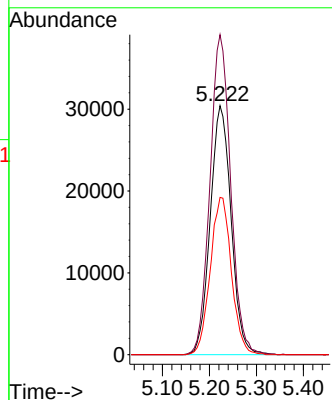
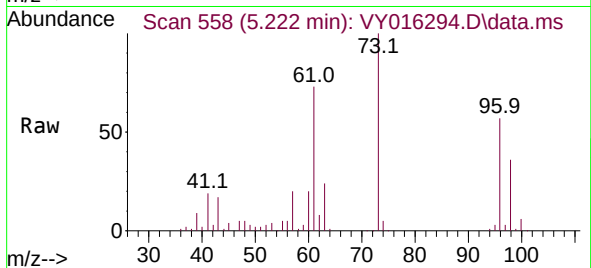
Tgt Ion: 96 Resp: 94008

Ion Ratio Lower Upper

96 100

61 128.5 110.2 165.4

98 63.2 51.8 77.6



#22

Diisopropyl ether

Concen: 49.222 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.018 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Tgt Ion: 45 Resp: 251029

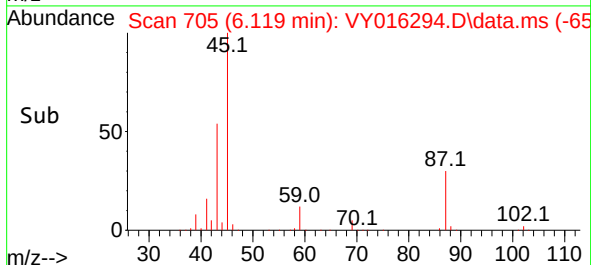
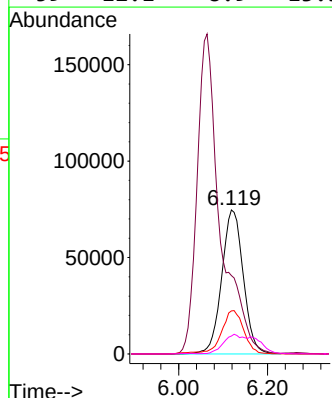
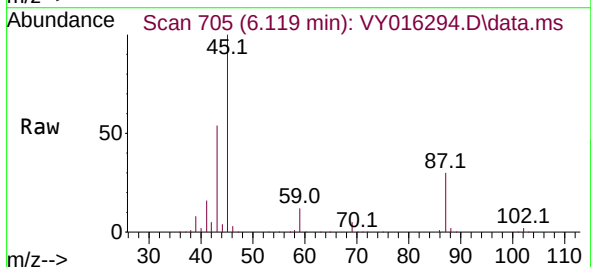
Ion Ratio Lower Upper

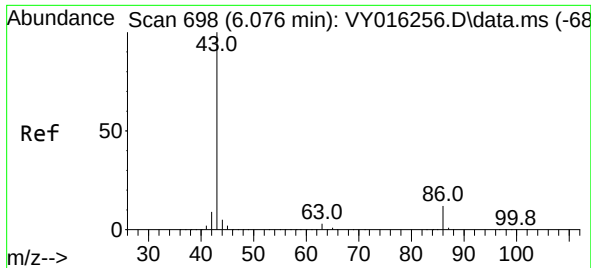
45 100

43 53.9 52.2 78.4

87 29.8 21.0 31.6

59 12.1 8.9 13.3

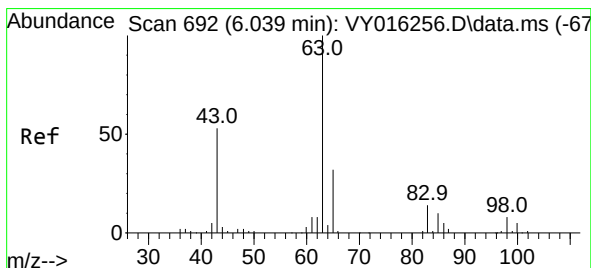
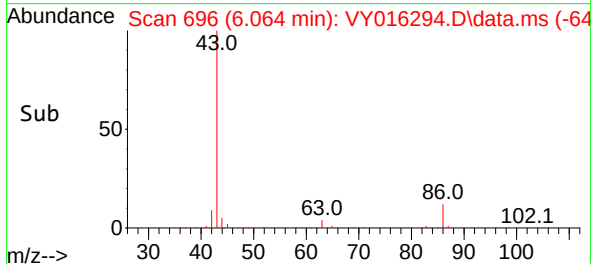
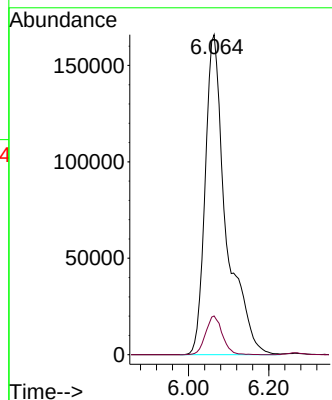
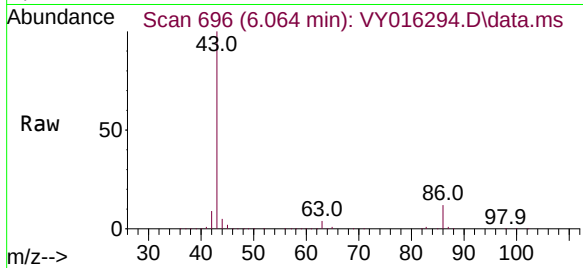




#23
 Vinyl Acetate
 Concen: 243.284 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY016294.D
 Acq: 10 Nov 2023 08:41

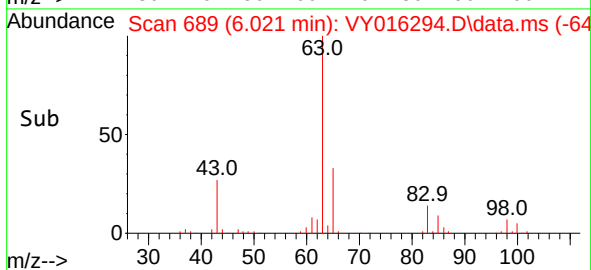
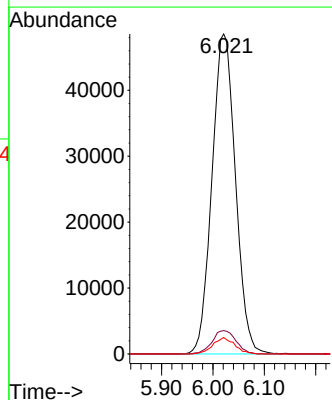
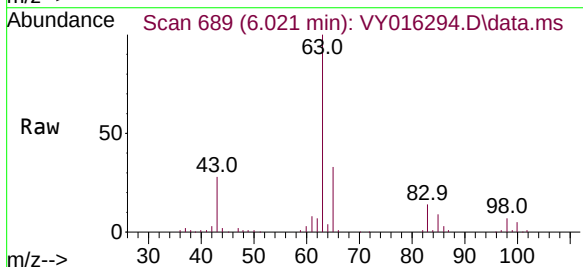
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

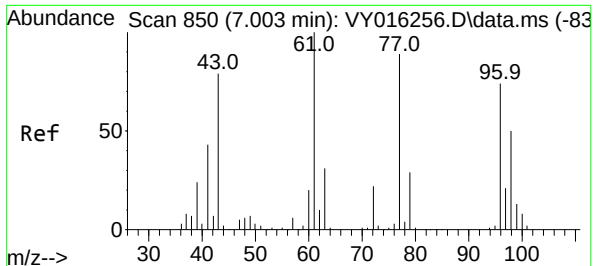
Tgt Ion: 43 Resp: 601191
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.988 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.018 min
 Lab File: VY016294.D
 Acq: 10 Nov 2023 08:41

Tgt Ion: 63 Resp: 154128
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 229.001 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

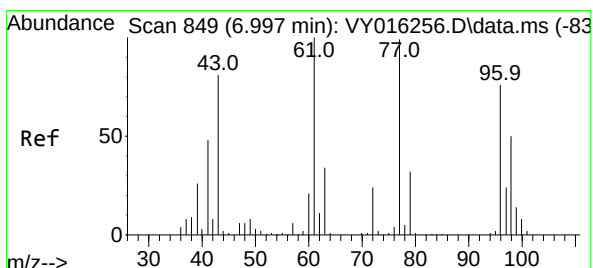
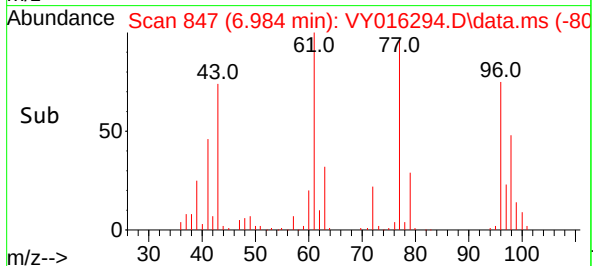
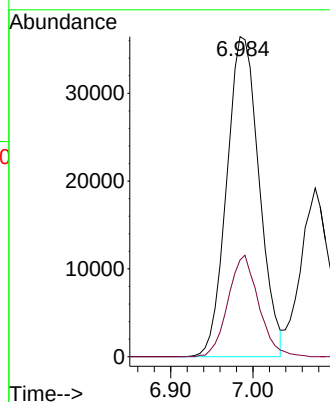
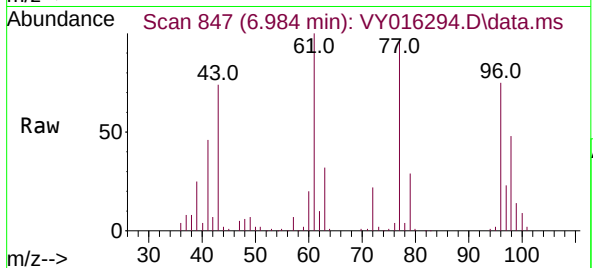
VSTDCCC050

Tgt Ion: 43 Resp: 100068

Ion Ratio Lower Upper

43 100

72 30.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 50.204 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016294.D

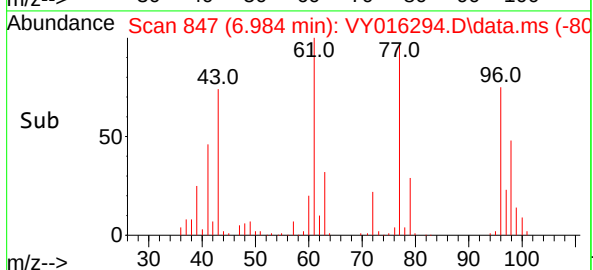
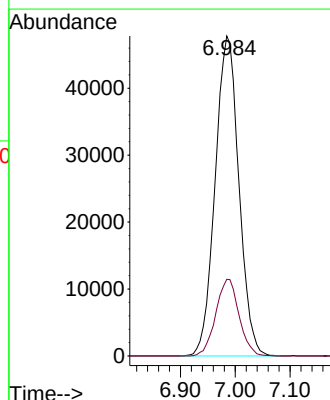
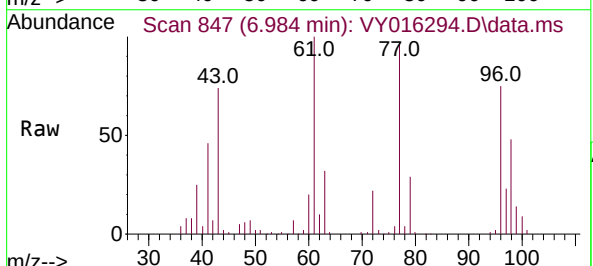
Acq: 10 Nov 2023 08:41

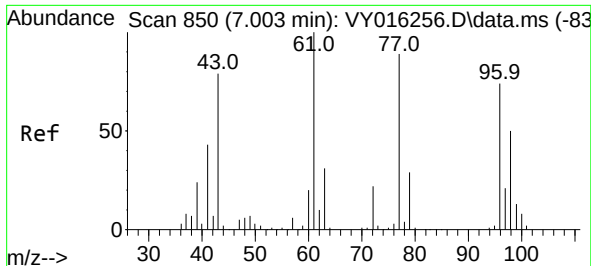
Tgt Ion: 77 Resp: 143759

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.360 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

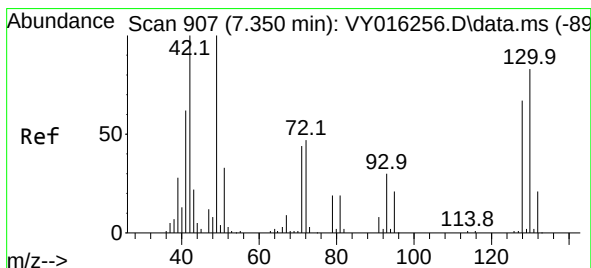
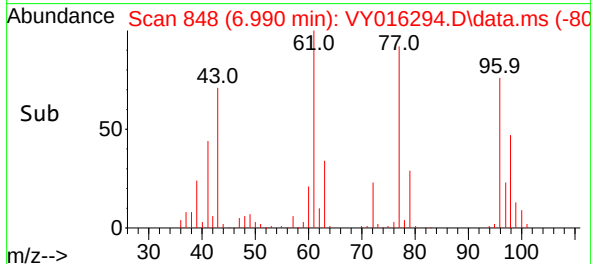
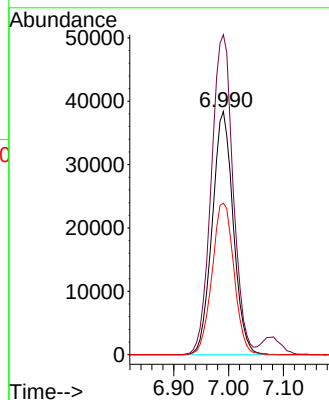
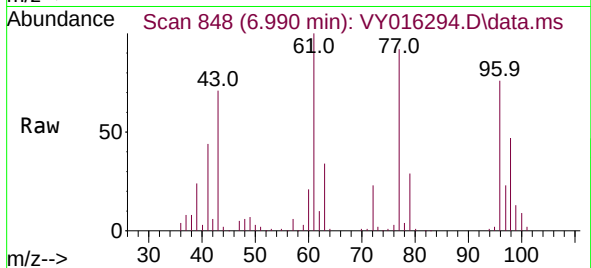
Tgt Ion: 96 Resp: 102136

Ion Ratio Lower Upper

96 100

61 136.5 0.0 301.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 51.013 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

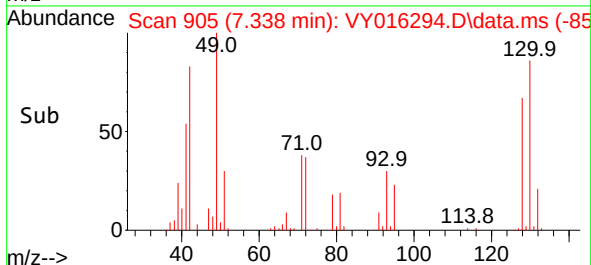
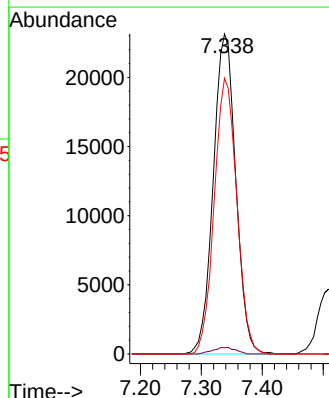
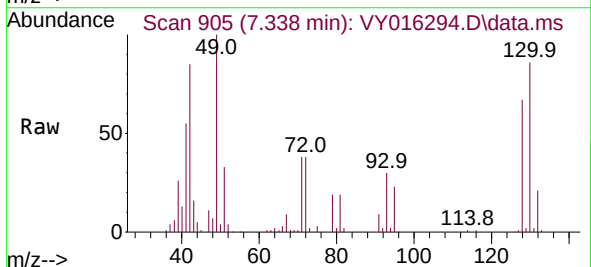
Tgt Ion: 49 Resp: 59401

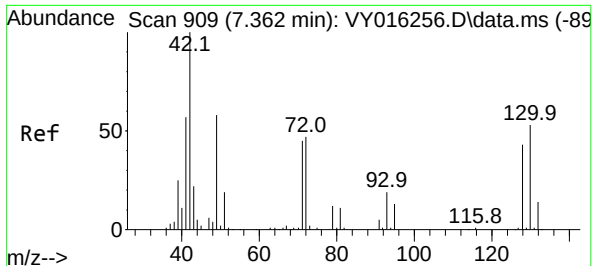
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 86.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 238.132 ug/l

RT: 7.350 min Scan# 909

Delta R.T. -0.012 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

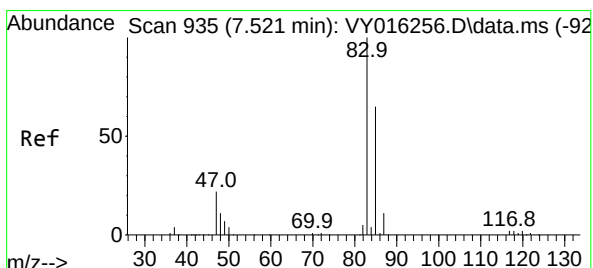
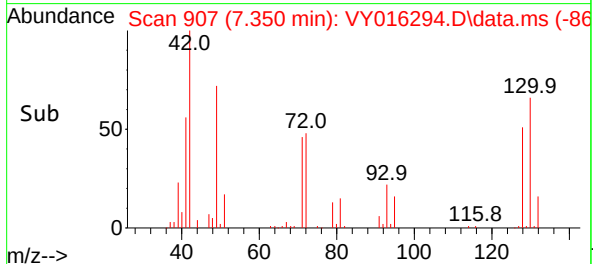
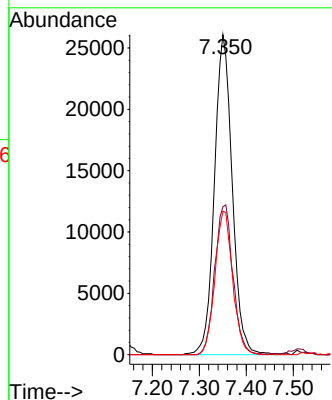
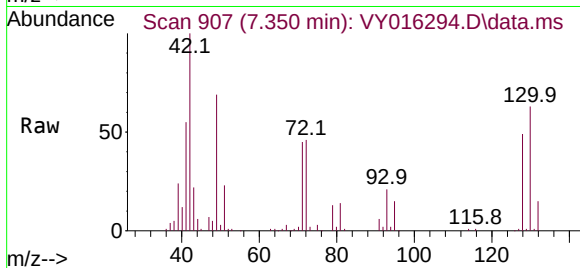
Tgt Ion: 42 Resp: 68779

Ion Ratio Lower Upper

42 100

72 47.8 32.8 49.2

71 44.6 31.0 46.4



#30

Chloroform

Concen: 49.249 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016294.D

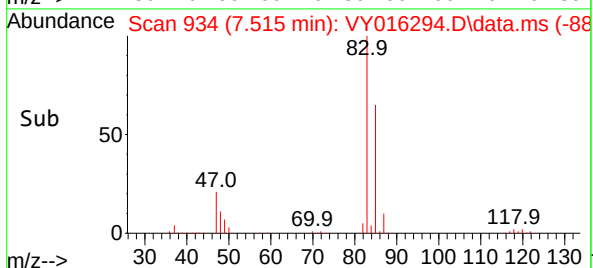
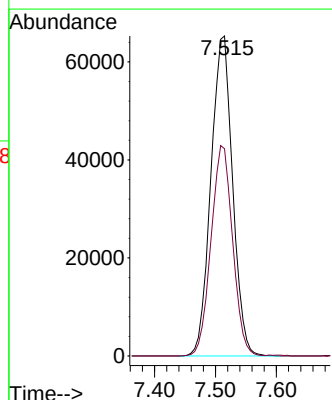
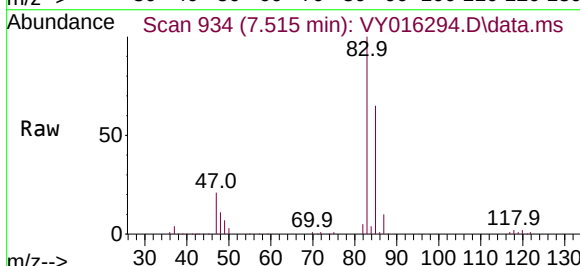
Acq: 10 Nov 2023 08:41

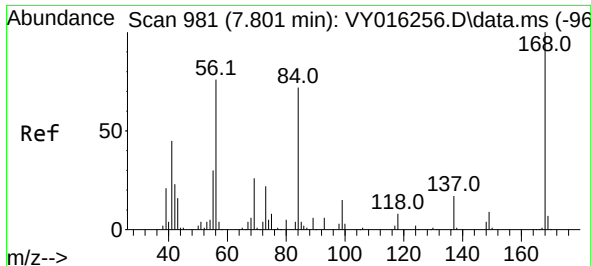
Tgt Ion: 83 Resp: 161284

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

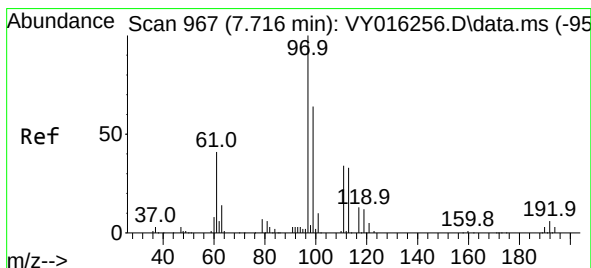
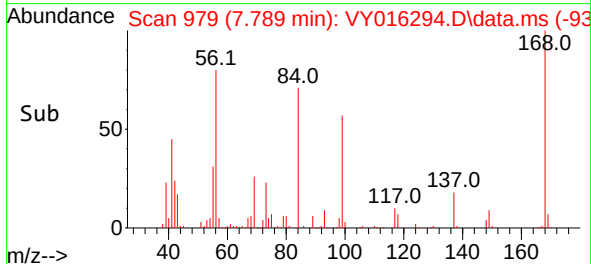
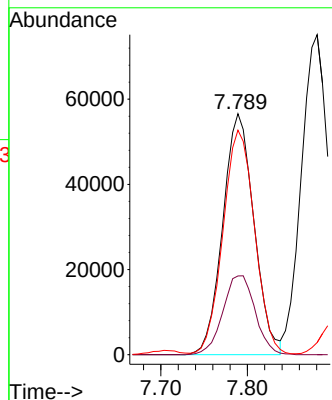
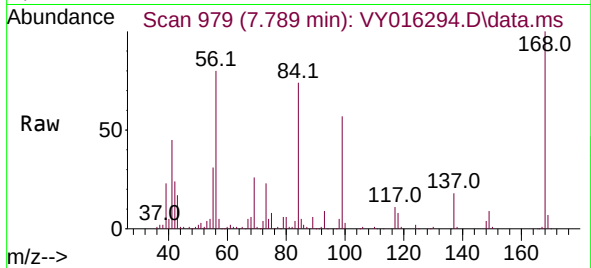




#31
Cyclohexane
Concen: 47.803 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

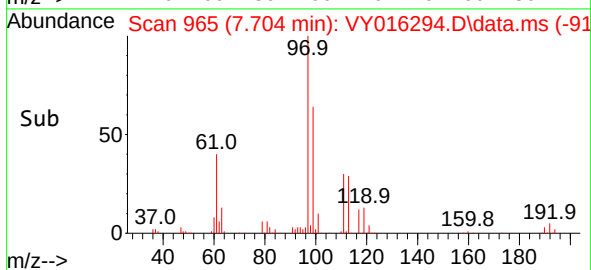
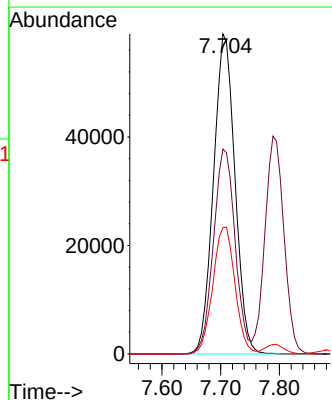
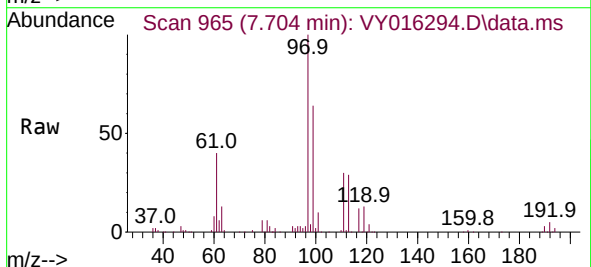
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

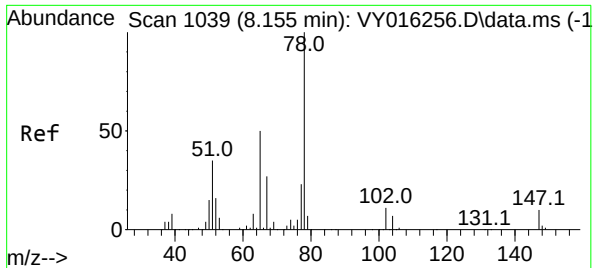
Tgt Ion: 56 Resp: 141949
Ion Ratio Lower Upper
56 100
69 32.6 27.8 41.6
84 92.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.863 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 97 Resp: 149689
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 40.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.404 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

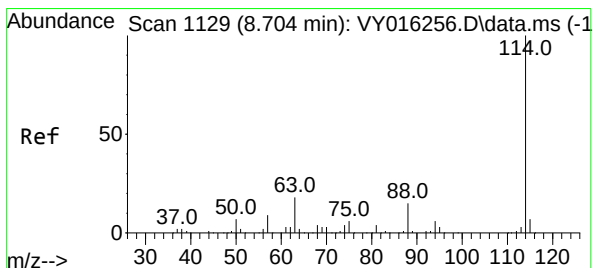
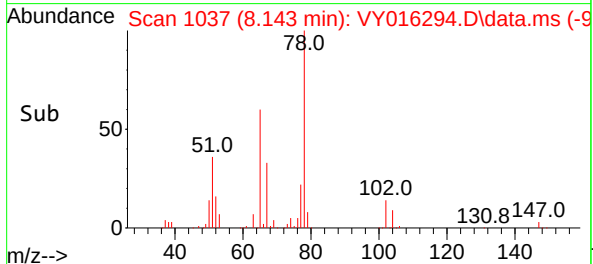
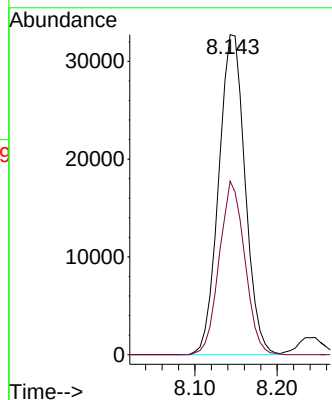
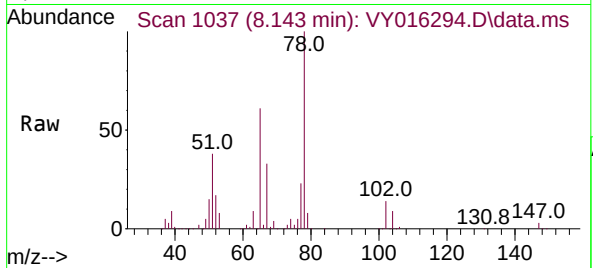
VSTDCCC050

Tgt Ion: 65 Resp: 73004

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

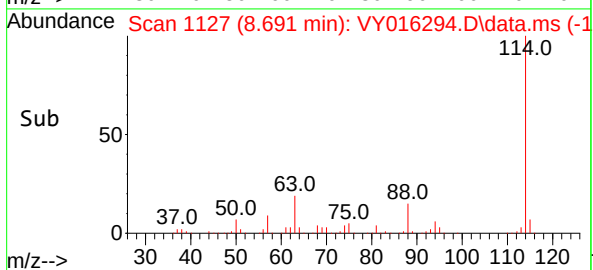
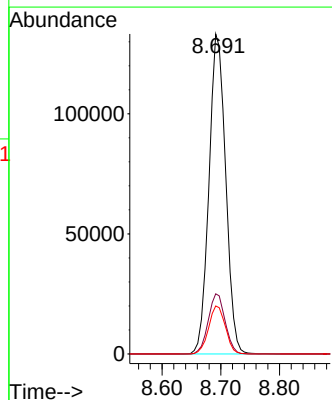
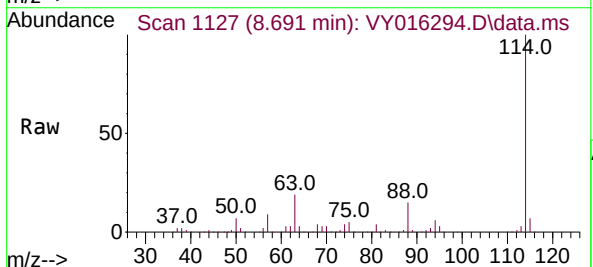
Tgt Ion: 114 Resp: 263143

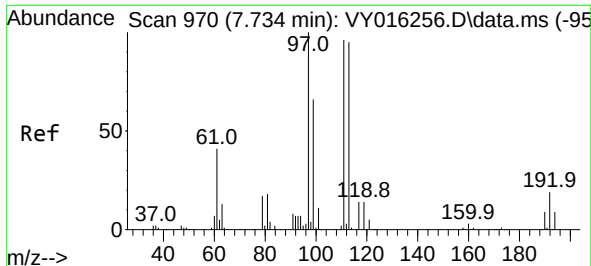
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.0 0.0 30.6

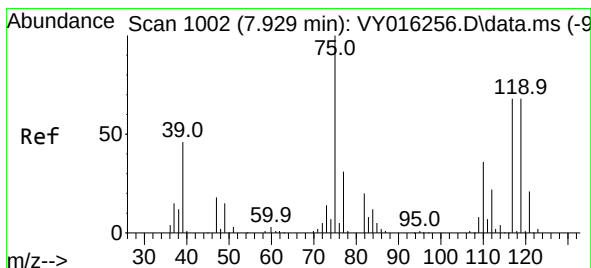
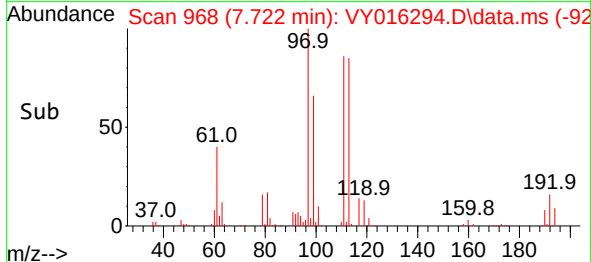
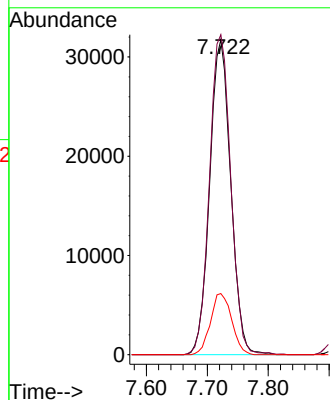
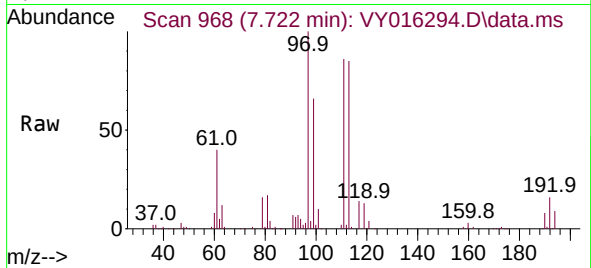




#35
Dibromofluoromethane
Concen: 50.882 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

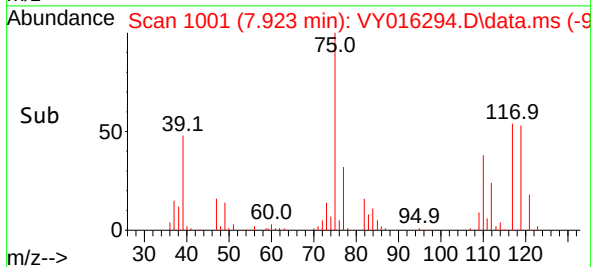
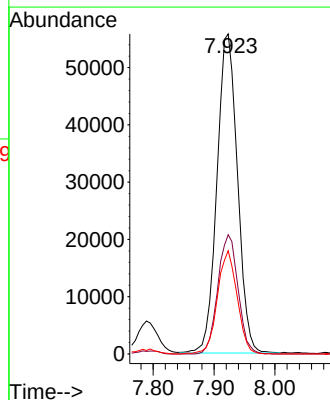
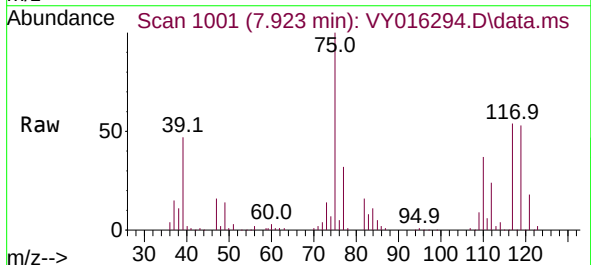
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

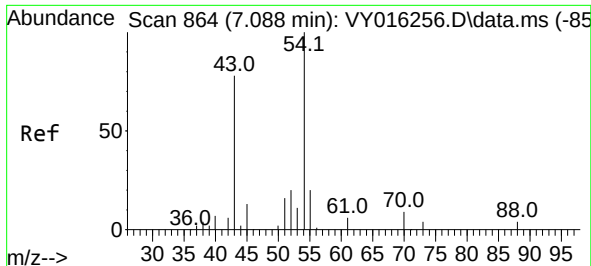
Tgt Ion:113 Resp: 76060
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.272 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 75 Resp: 130488
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 31.1 24.4 36.6

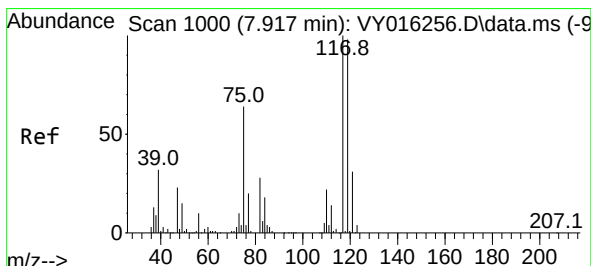
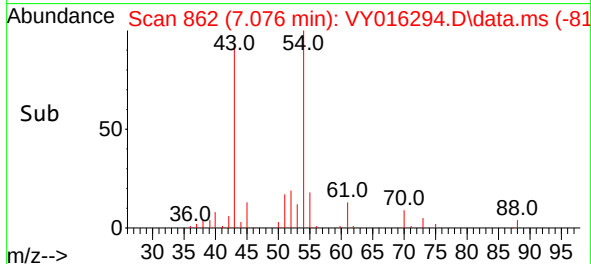
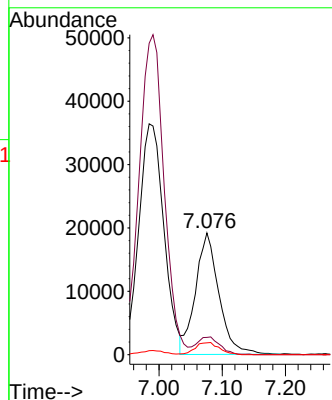
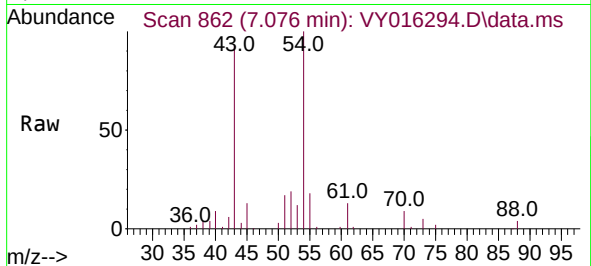




#37
Ethyl Acetate
Concen: 46.919 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

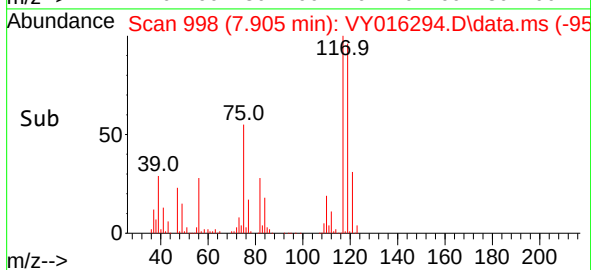
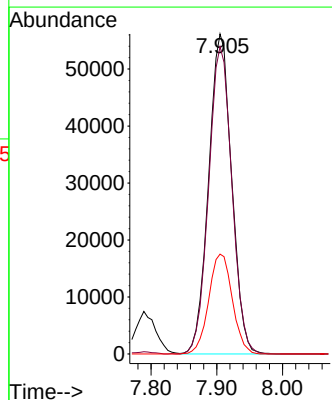
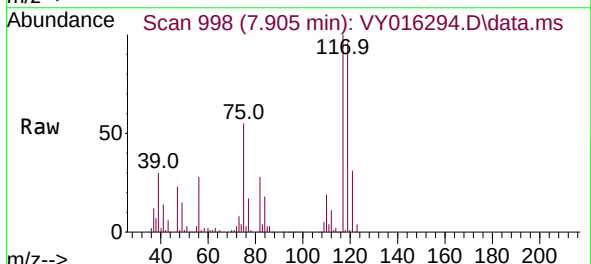
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

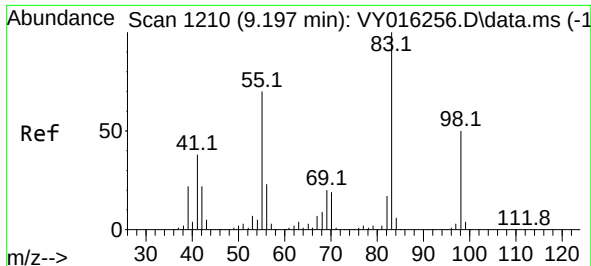
Tgt Ion: 43 Resp: 49207
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.913 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 117 Resp: 137153
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6
121 31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 50.957 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

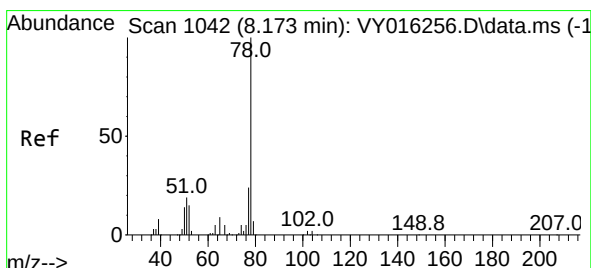
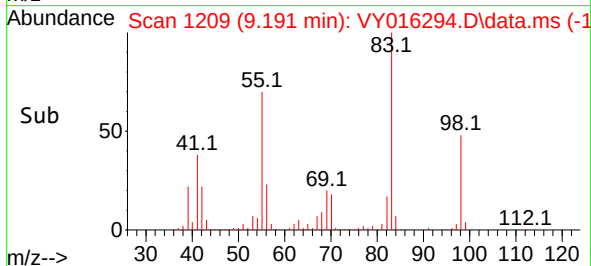
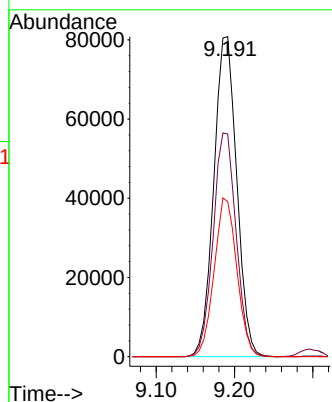
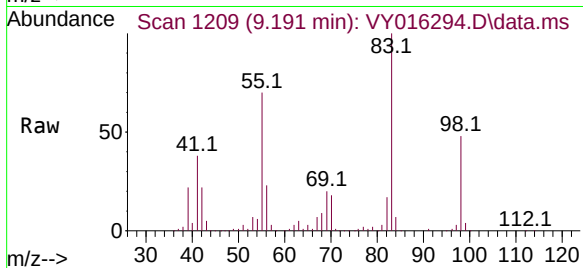
Tgt Ion: 83 Resp: 164810

Ion Ratio Lower Upper

83 100

55 69.6 63.0 94.4

98 48.4 37.4 56.2



#40

Benzene

Concen: 50.152 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016294.D

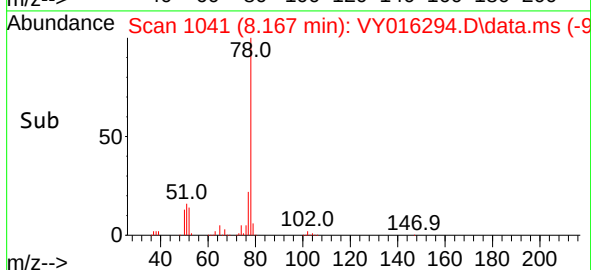
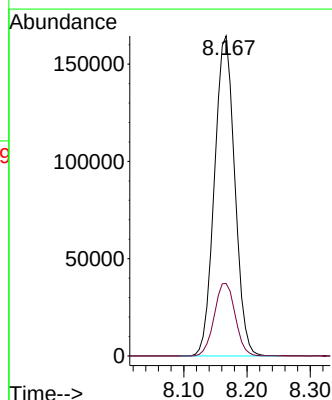
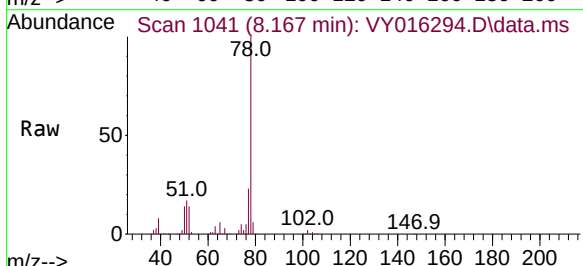
Acq: 10 Nov 2023 08:41

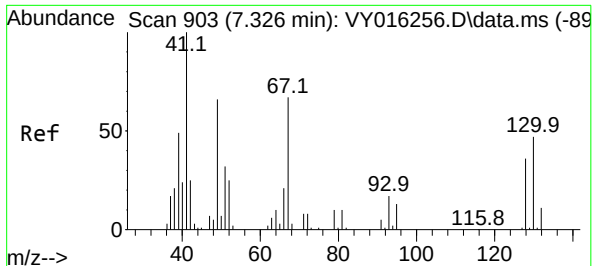
Tgt Ion: 78 Resp: 365734

Ion Ratio Lower Upper

78 100

77 22.7 19.0 28.6

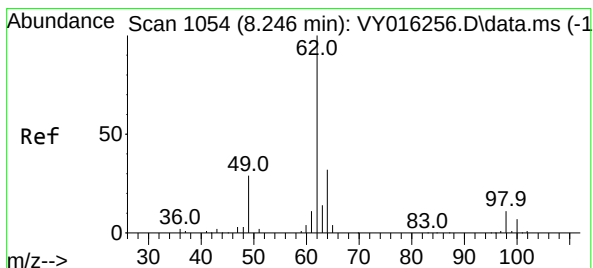
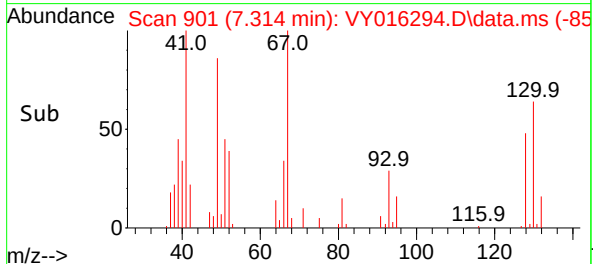
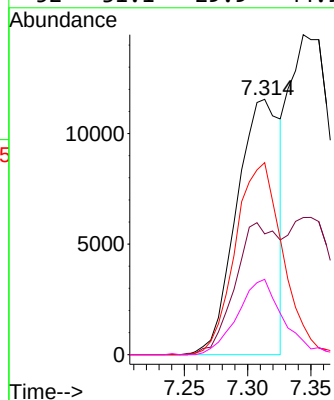
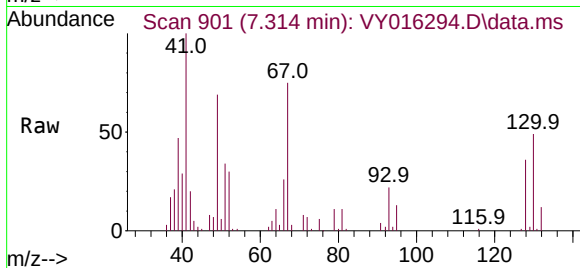




#41
Methacrylonitrile
Concen: 52.067 ug/l
RT: 7.314 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

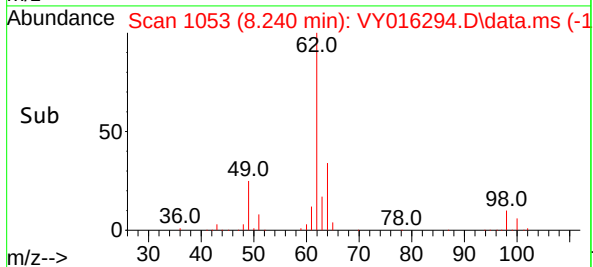
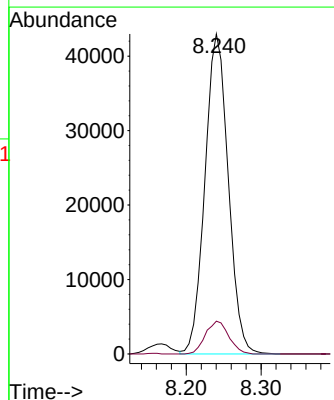
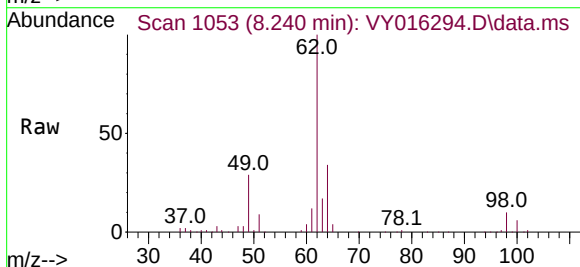
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

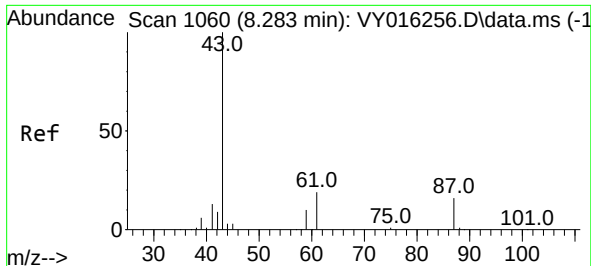
Tgt Ion: 41 Resp: 27533
Ion Ratio Lower Upper
41 100
39 51.8 52.1 78.1#
67 82.4 66.2 99.2
52 31.1 29.9 44.9



#42
1,2-Dichloroethane
Concen: 49.384 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 62 Resp: 93311
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8





#43

Isopropyl Acetate

Concen: 47.327 ug/l

RT: 8.277 min Scan# 1168

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

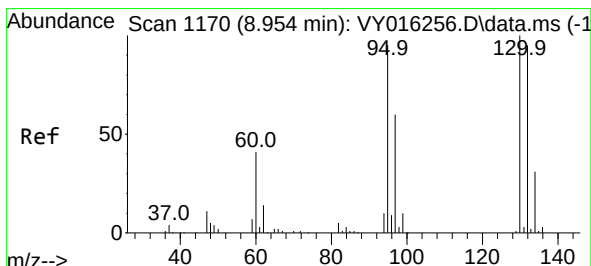
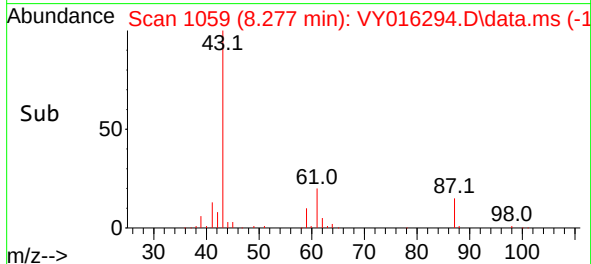
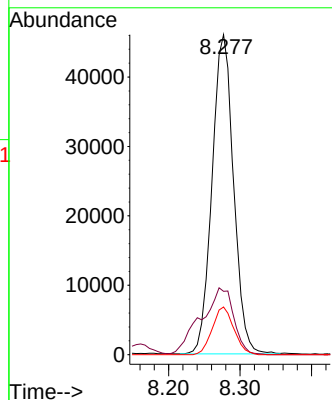
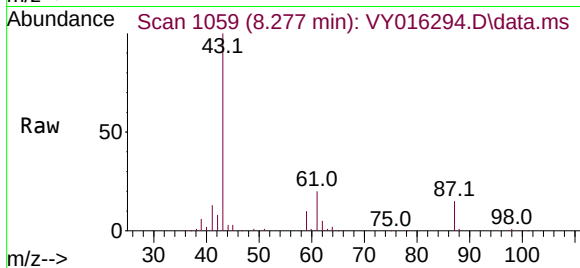
Tgt Ion: 43 Resp: 95943

Ion Ratio Lower Upper

43 100

61 32.0 21.1 31.7#

87 15.0 9.8 14.8#



#44

Trichloroethene

Concen: 49.991 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.012 min

Lab File: VY016294.D

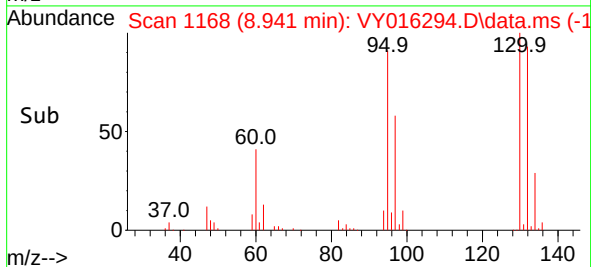
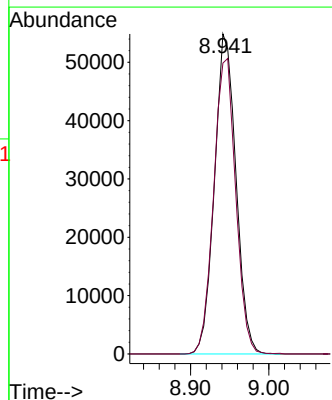
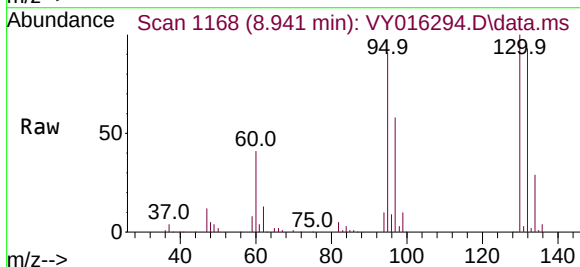
Acq: 10 Nov 2023 08:41

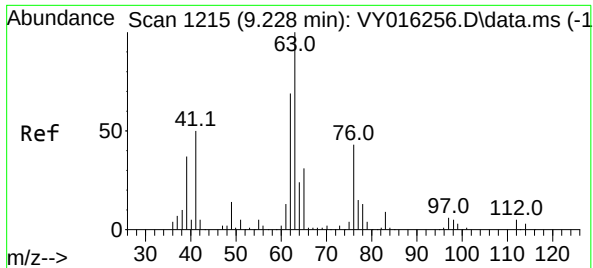
Tgt Ion:130 Resp: 104774

Ion Ratio Lower Upper

130 100

95 90.9 0.0 196.0

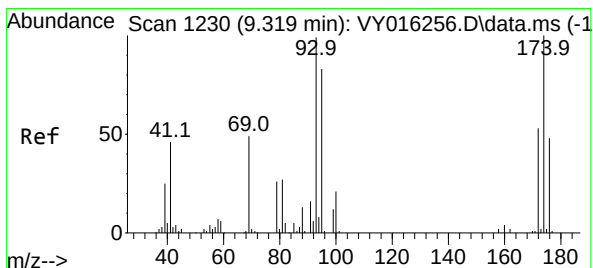
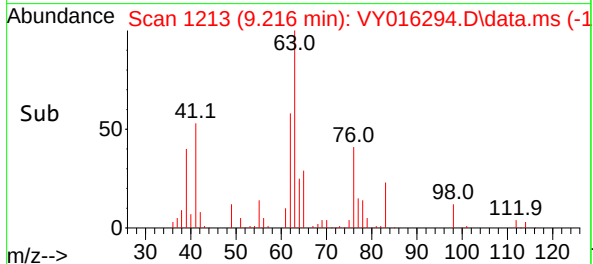
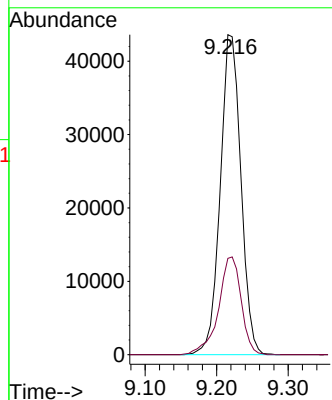
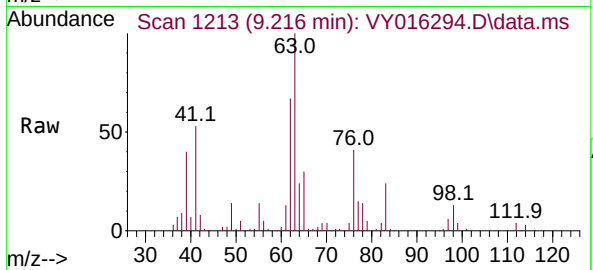




#45
1,2-Dichloropropane
Concen: 49.929 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

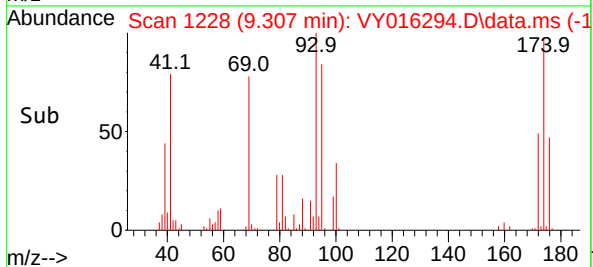
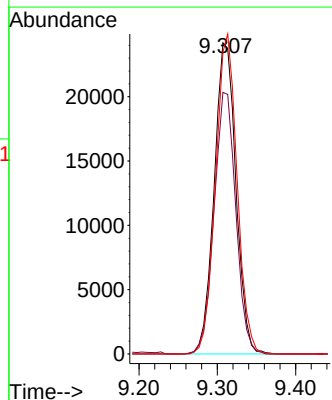
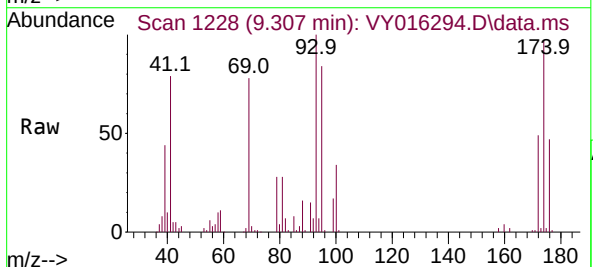
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

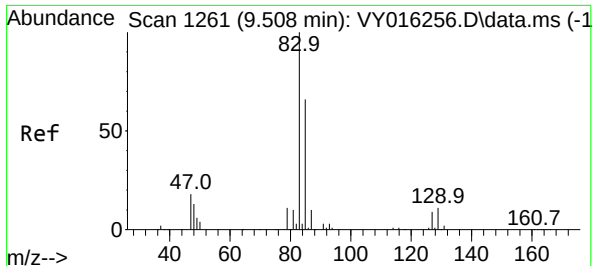
Tgt Ion: 63 Resp: 87444
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6



#46
Dibromomethane
Concen: 49.229 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 93 Resp: 46721
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 101.2 84.8 127.2

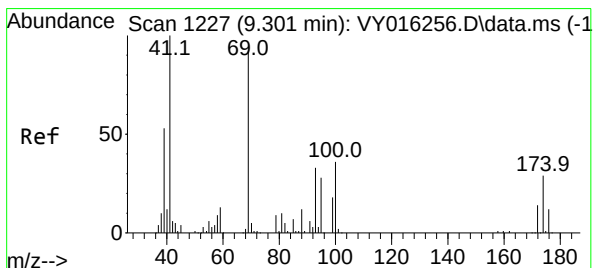
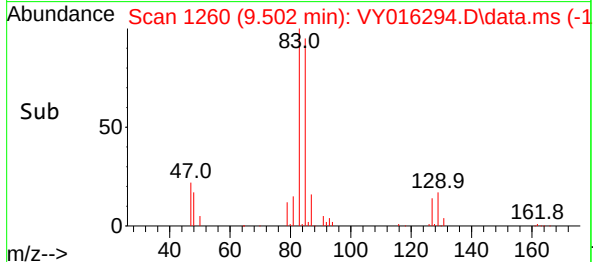
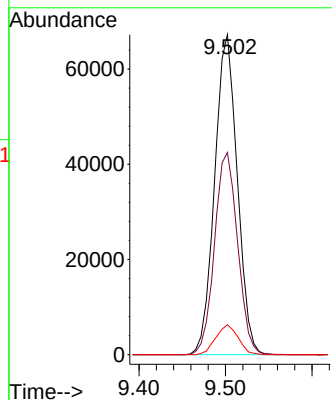
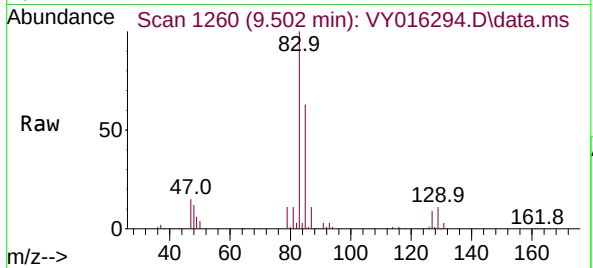




#47
Bromodichloromethane
Concen: 50.039 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

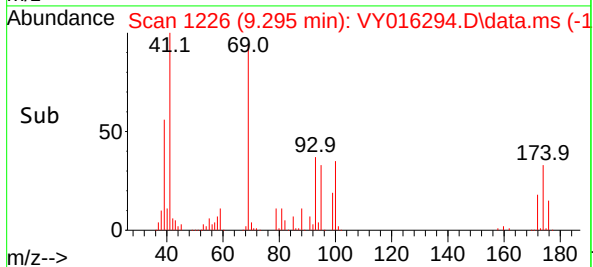
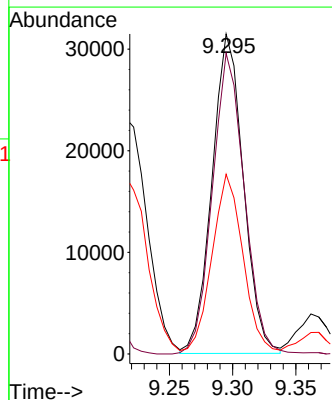
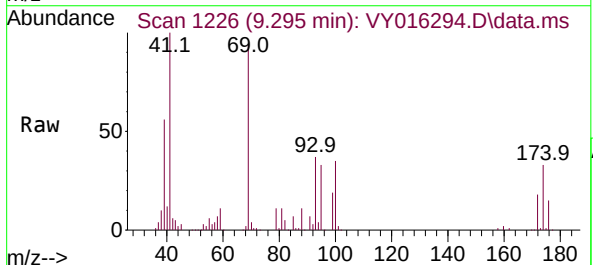
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

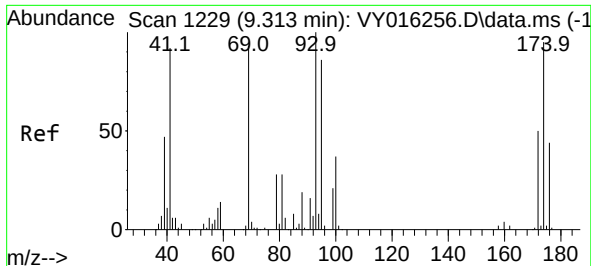
Tgt Ion: 83 Resp: 122092
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 48.458 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 41 Resp: 54292
Ion Ratio Lower Upper
41 100
69 95.8 64.5 96.7
39 53.8 50.8 76.2





#49

1,4-Dioxane

Concen: 968.271 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

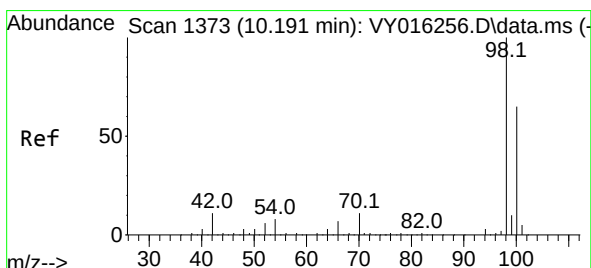
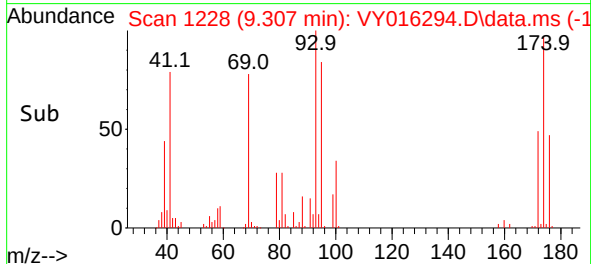
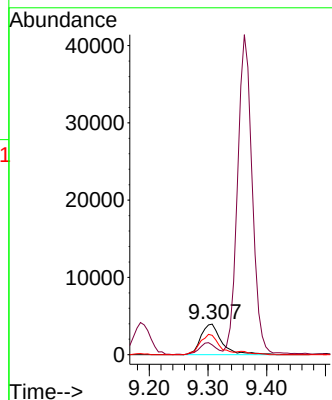
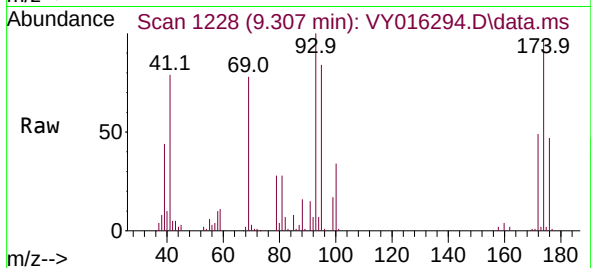
Tgt Ion: 88 Resp: 9756

Ion Ratio Lower Upper

88 100

43 32.1 0.0 0.0#

58 60.4 30.9 46.3#



#50

Toluene-d8

Concen: 50.420 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016294.D

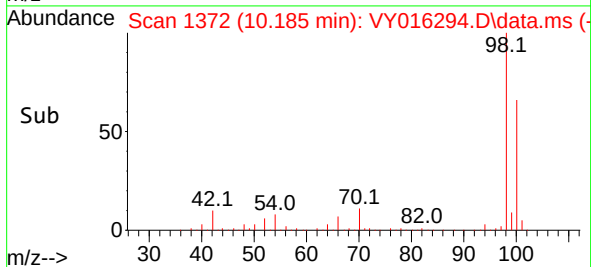
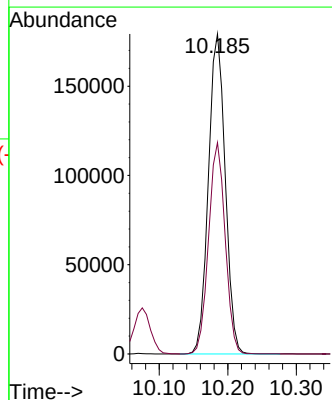
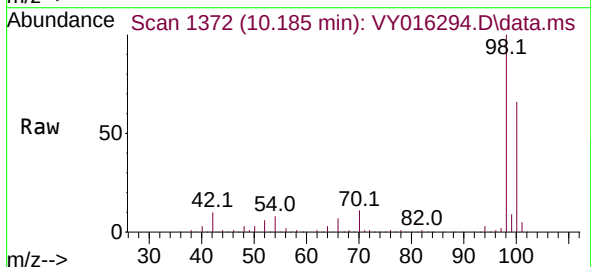
Acq: 10 Nov 2023 08:41

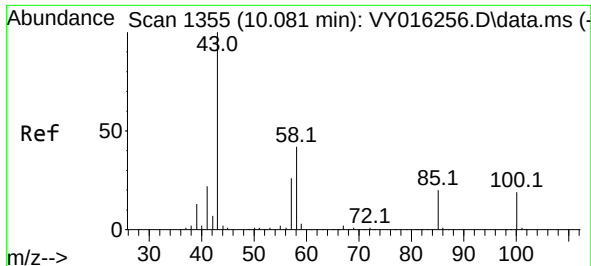
Tgt Ion: 98 Resp: 305635

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 238.769 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

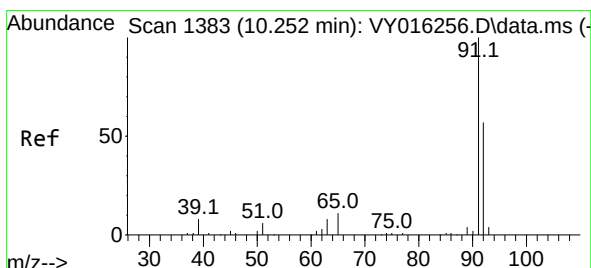
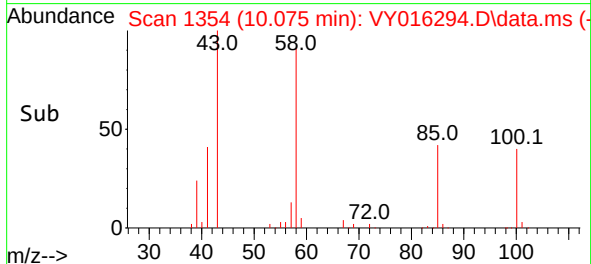
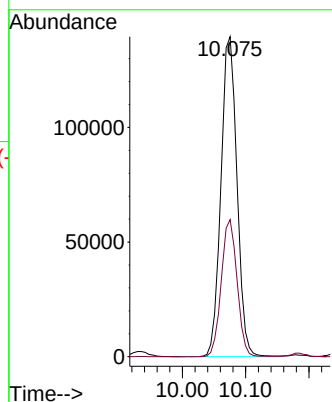
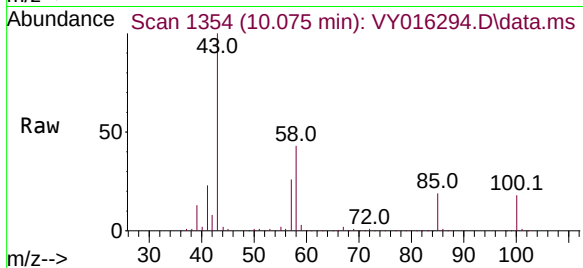
VSTDCCC050

Tgt Ion: 43 Resp: 244767

Ion Ratio Lower Upper

43 100

58 42.2 29.0 43.6



#52

Toluene

Concen: 49.904 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.006 min

Lab File: VY016294.D

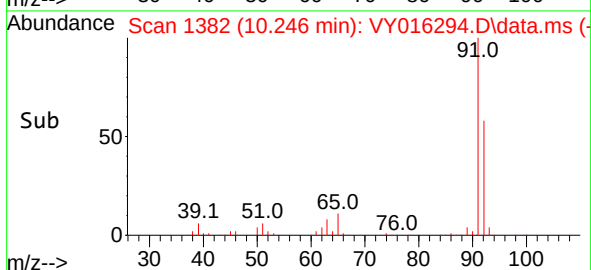
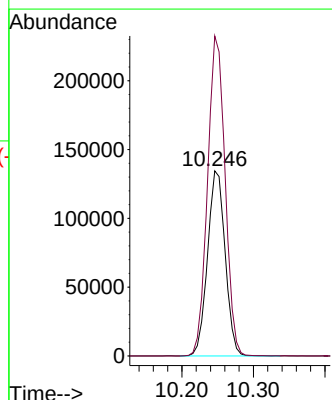
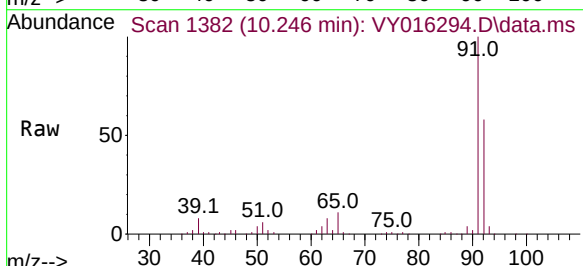
Acq: 10 Nov 2023 08:41

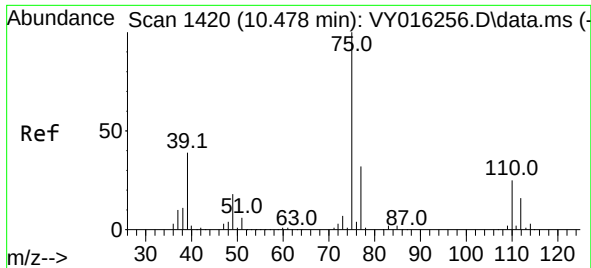
Tgt Ion: 92 Resp: 230045

Ion Ratio Lower Upper

92 100

91 172.6 143.8 215.6

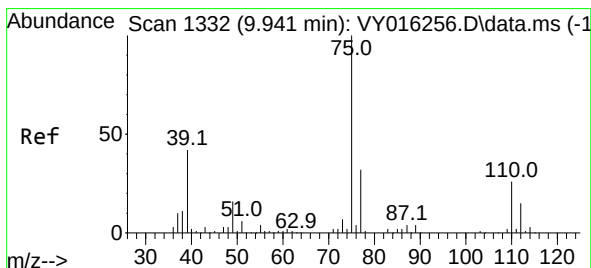
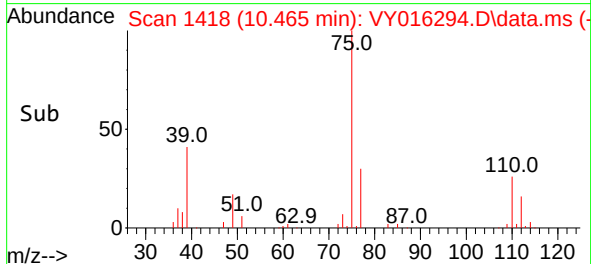
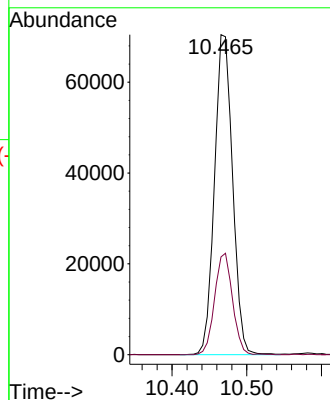
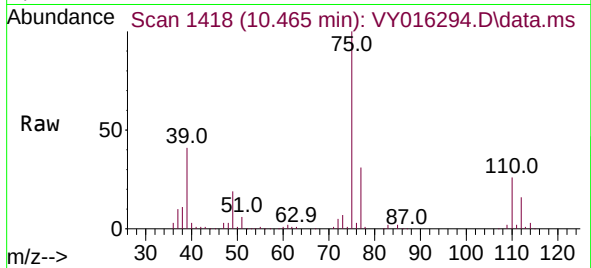




#53
t-1,3-Dichloropropene
Concen: 50.113 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.012 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

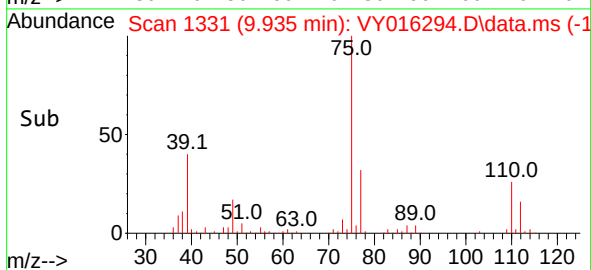
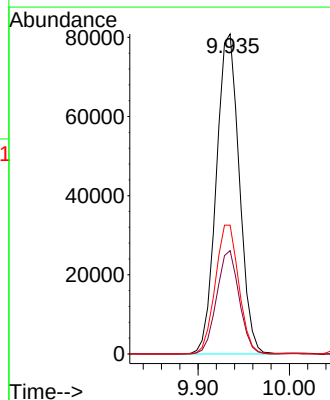
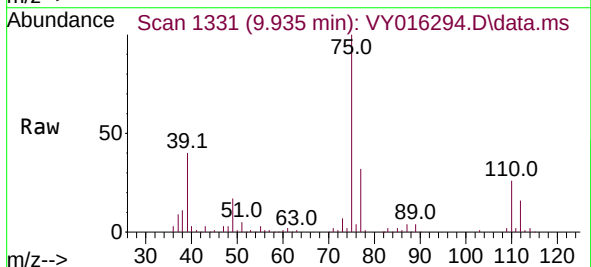
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

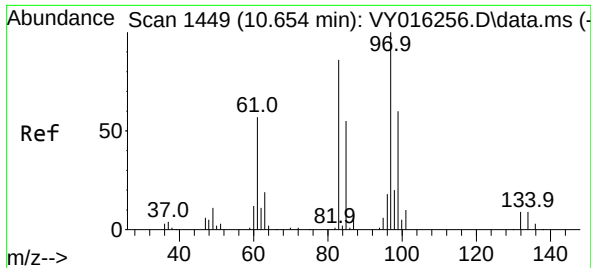
Tgt Ion: 75 Resp: 118534
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.066 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 75 Resp: 141443
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 40.3 42.2 63.4#

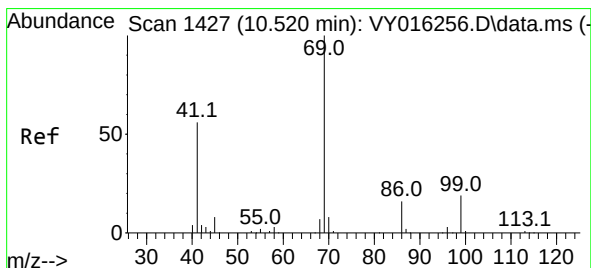
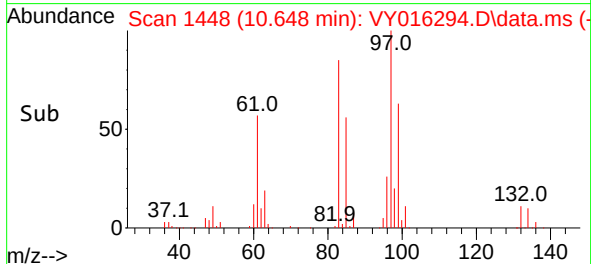
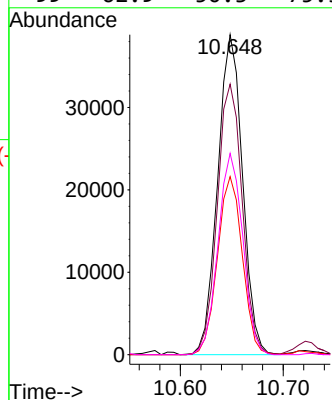
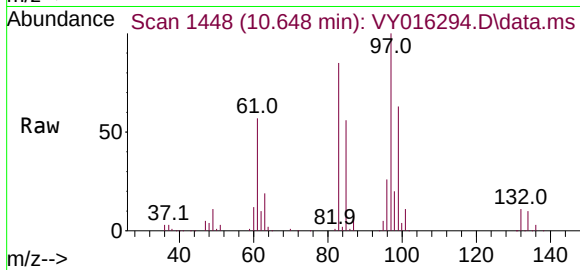




#55
1,1,2-Trichloroethane
Concen: 49.911 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

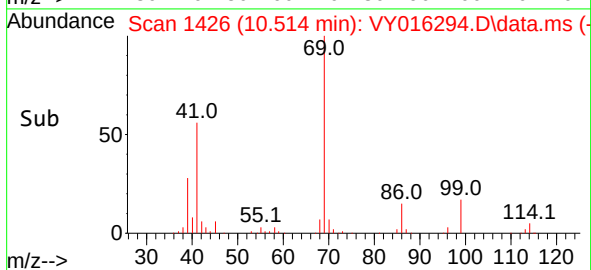
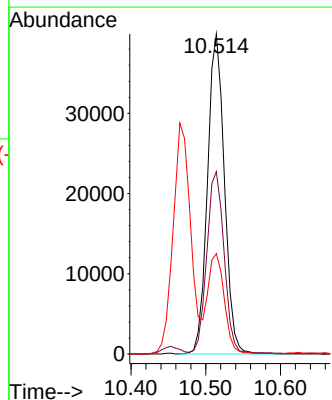
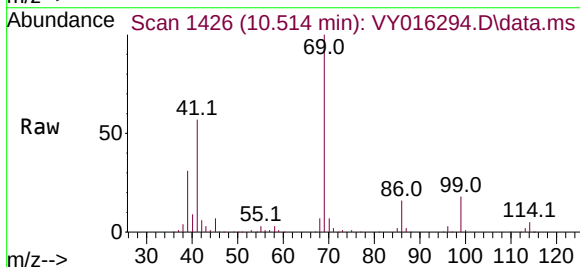
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

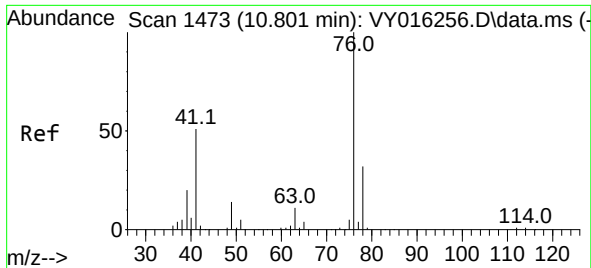
Tgt Ion:	97	Resp:	65288
Ion	Ratio	Lower	Upper
97	100		
83	84.6	72.0	108.0
85	55.6	45.4	68.0
99	62.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 50.699 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion:	69	Resp:	62604
Ion	Ratio	Lower	Upper
69	100		
41	58.1	57.6	86.4
39	29.9	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 49.099 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

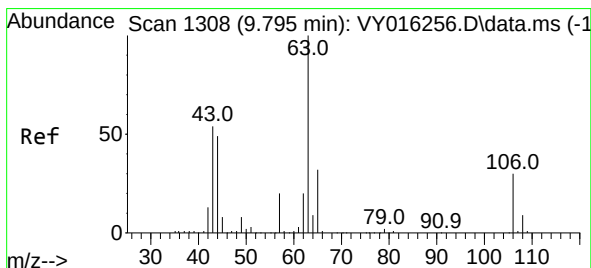
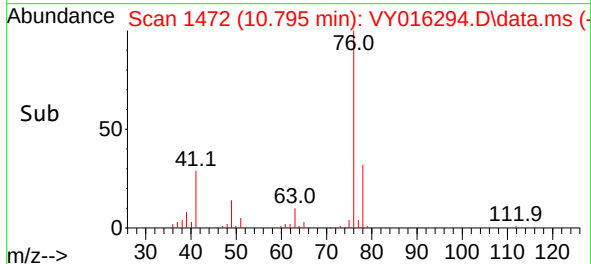
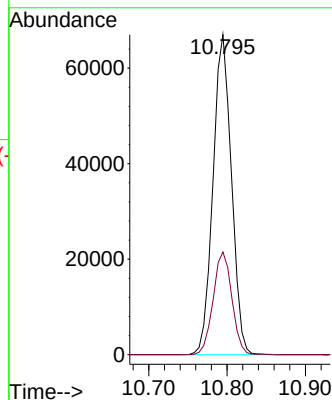
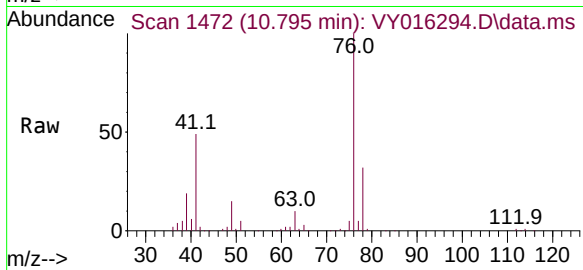
VSTDCCC050

Tgt Ion: 76 Resp: 109478

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 268.225 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.006 min

Lab File: VY016294.D

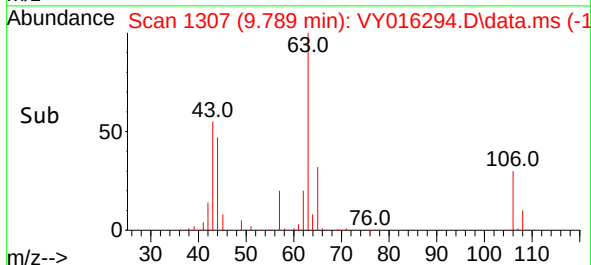
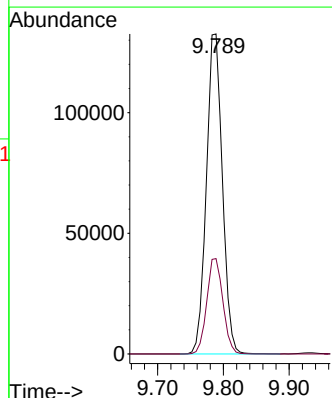
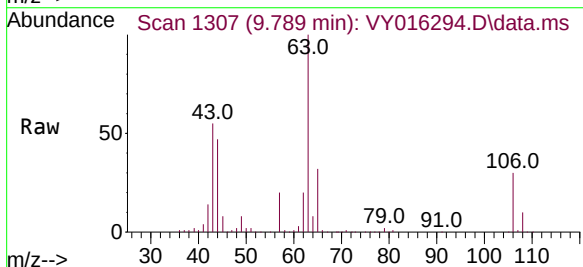
Acq: 10 Nov 2023 08:41

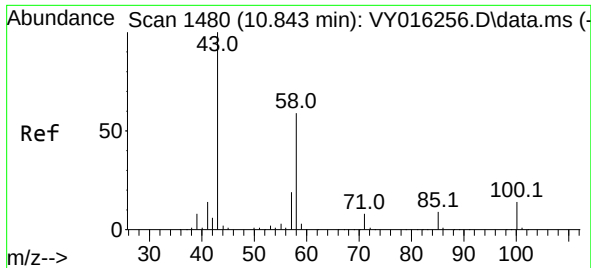
Tgt Ion: 63 Resp: 224580

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

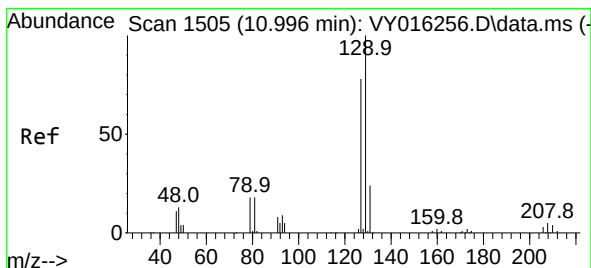
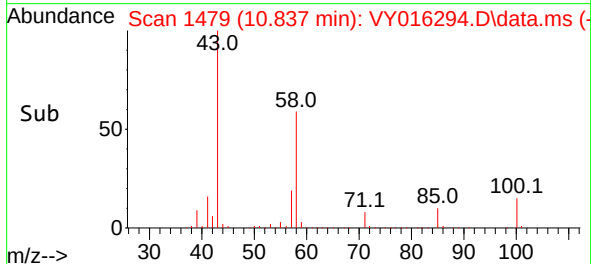
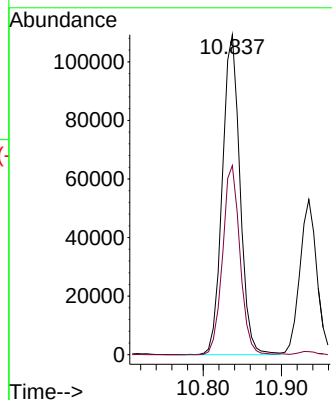
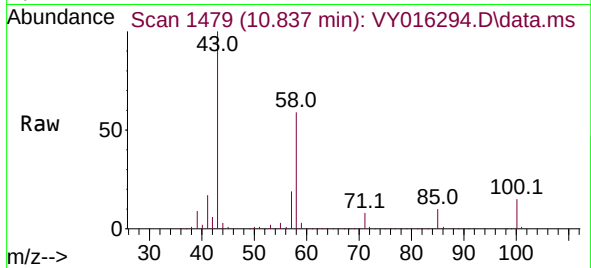




#59
2-Hexanone
Concen: 224.616 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

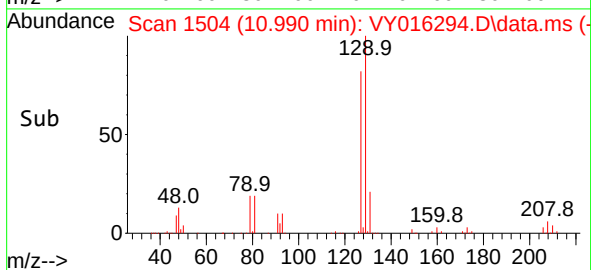
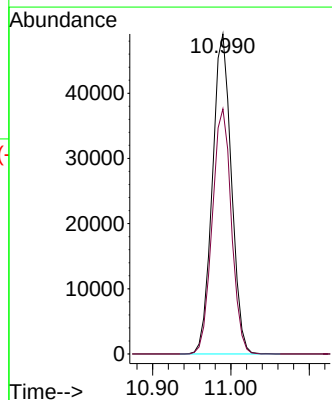
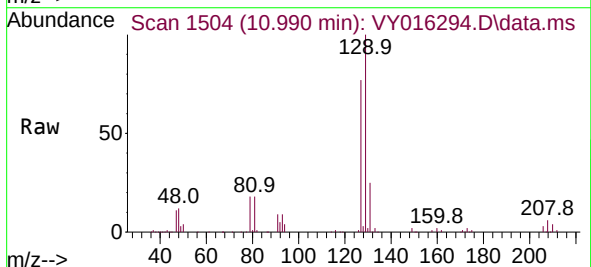
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

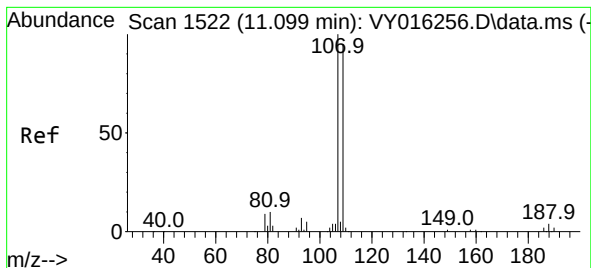
Tgt Ion: 43 Resp: 171272
Ion Ratio Lower Upper
43 100
58 58.2 25.1 75.3



#60
Dibromochloromethane
Concen: 50.539 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 129 Resp: 82681
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.206 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

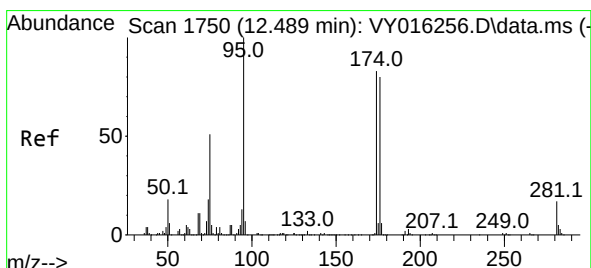
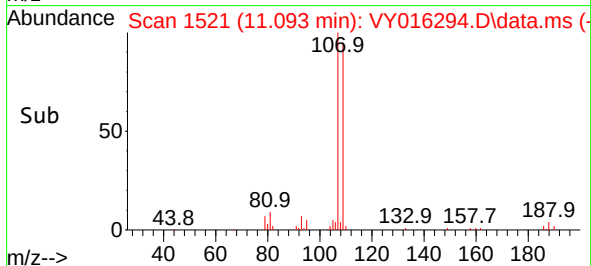
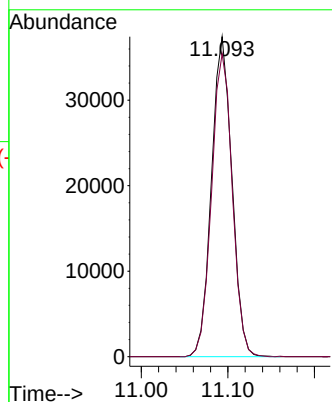
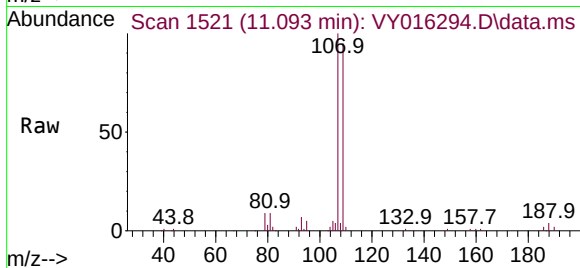
VSTDCCC050

Tgt Ion:107 Resp: 61322

Ion Ratio Lower Upper

107 100

109 96.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.046 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

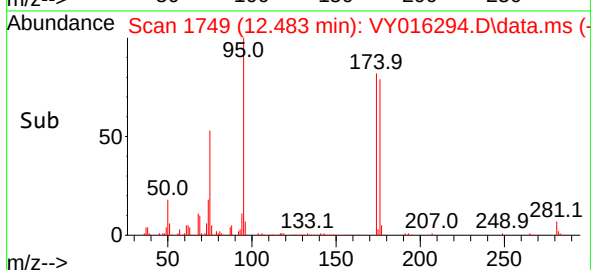
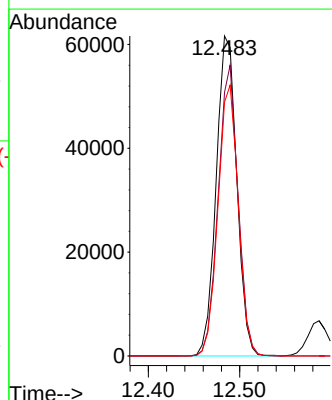
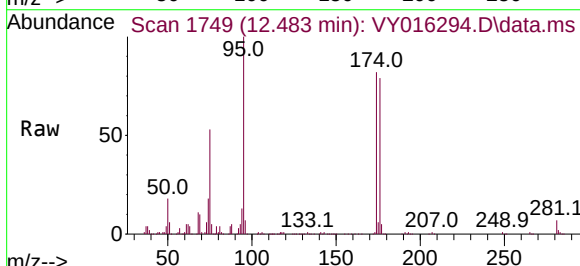
Tgt Ion: 95 Resp: 96561

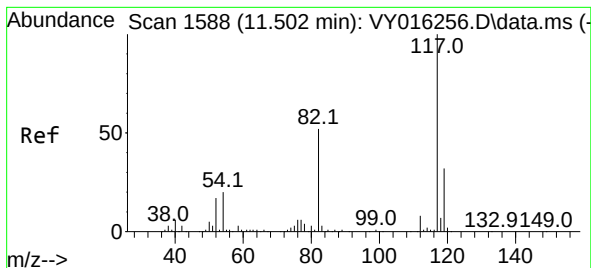
Ion Ratio Lower Upper

95 100

174 87.4 0.0 178.2

176 83.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

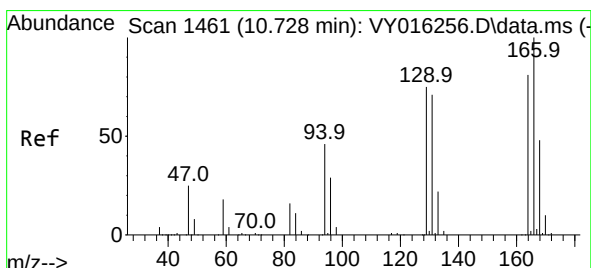
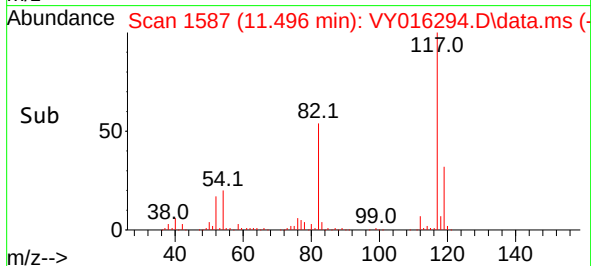
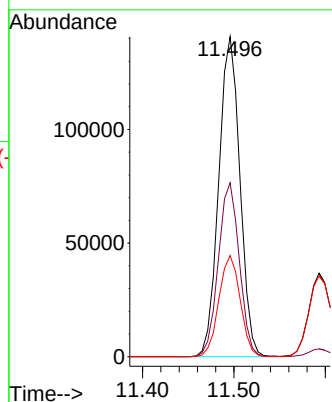
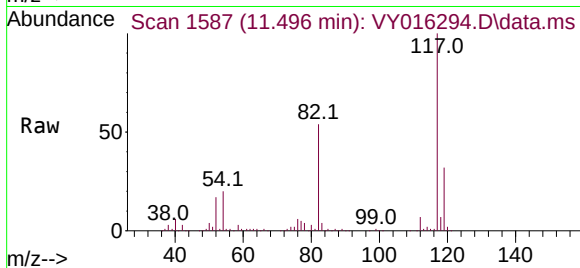
Tgt Ion:117 Resp: 227088

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 50.006 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Tgt Ion:164 Resp: 101963

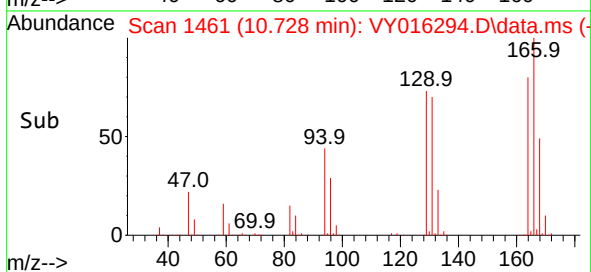
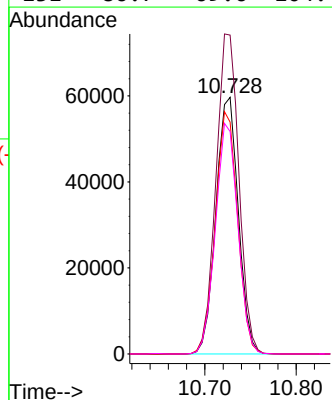
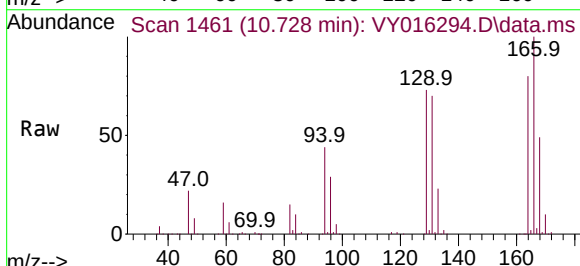
Ion Ratio Lower Upper

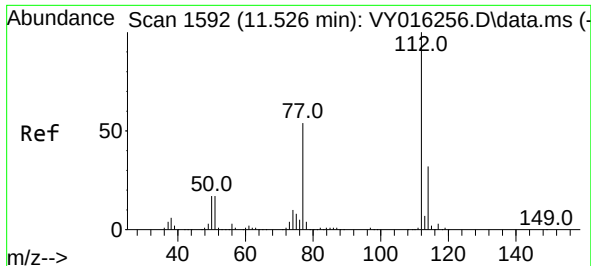
164 100

166 124.3 103.0 154.6

129 90.3 77.2 115.8

131 86.7 69.6 104.4

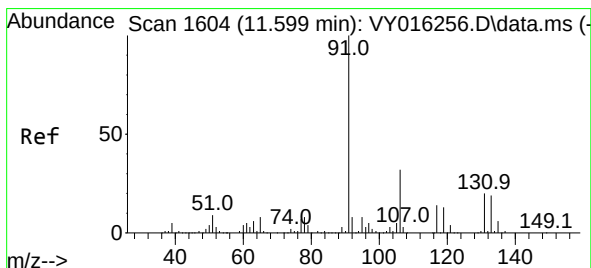
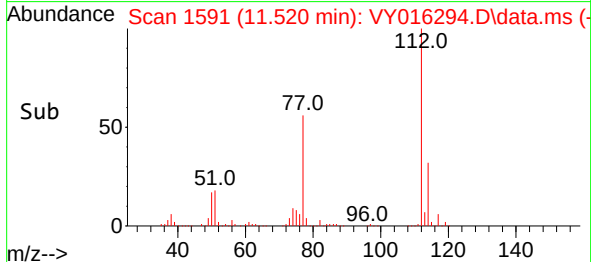
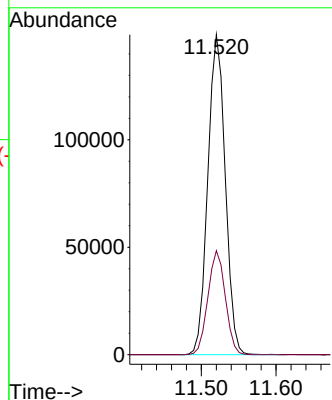
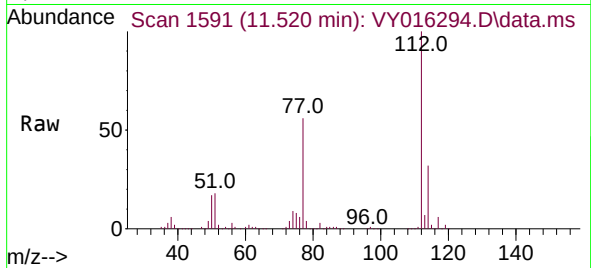




#65
Chlorobenzene
Concen: 49.698 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

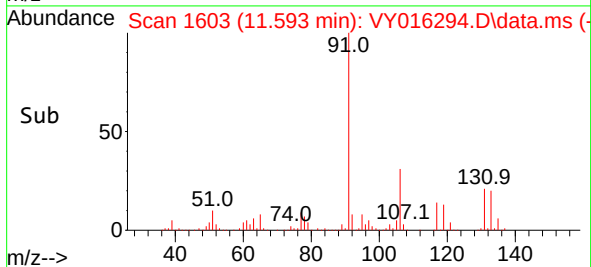
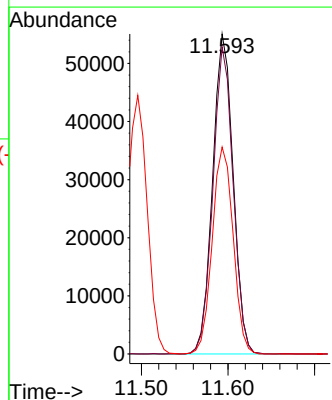
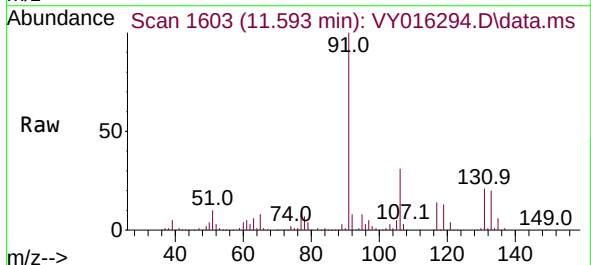
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

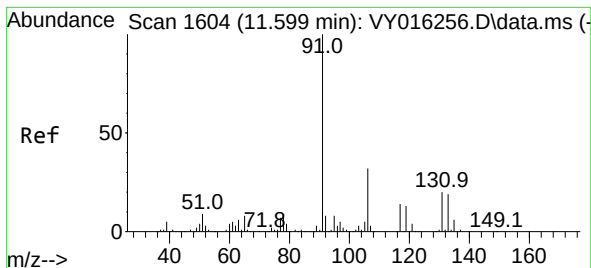
Tgt Ion:112 Resp: 241126
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.555 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion:131 Resp: 90469
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 50.676 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

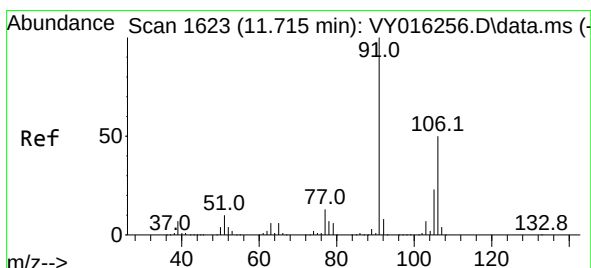
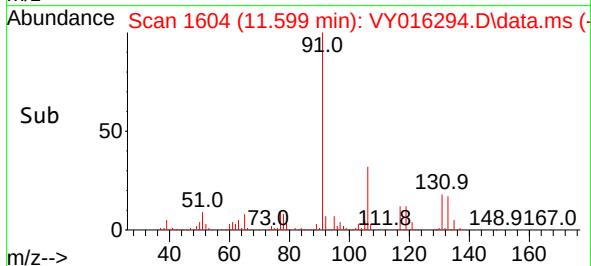
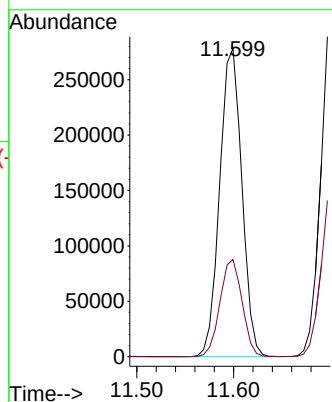
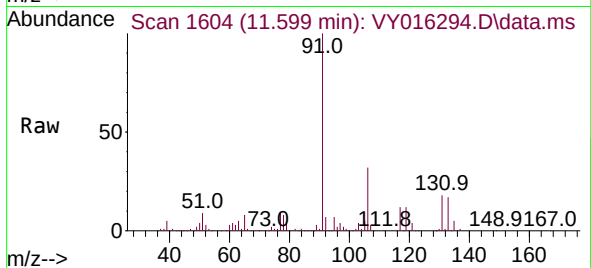
VSTDCCC050

Tgt Ion: 91 Resp: 441870

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 101.206 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.012 min

Lab File: VY016294.D

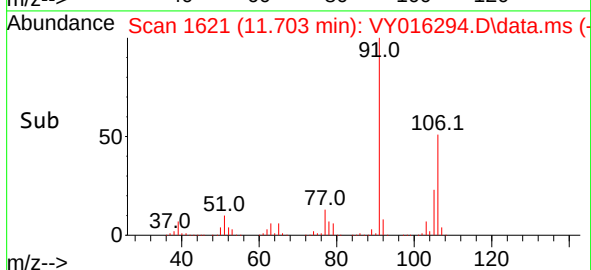
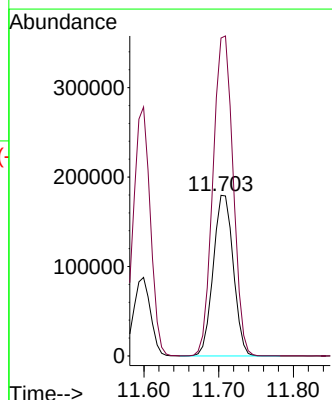
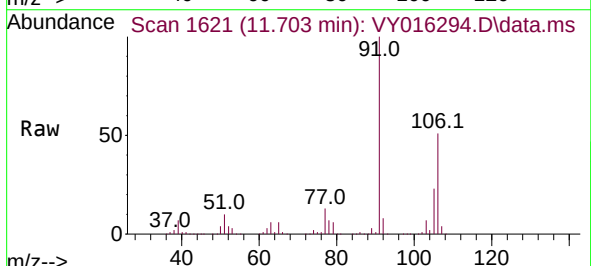
Acq: 10 Nov 2023 08:41

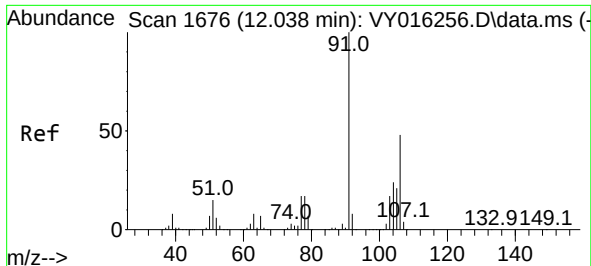
Tgt Ion: 106 Resp: 334709

Ion Ratio Lower Upper

106 100

91 200.4 166.1 249.1

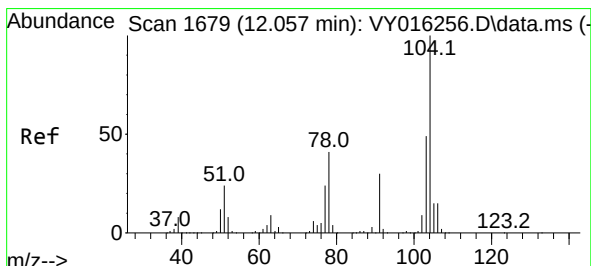
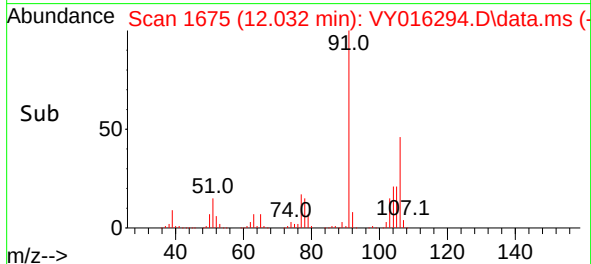
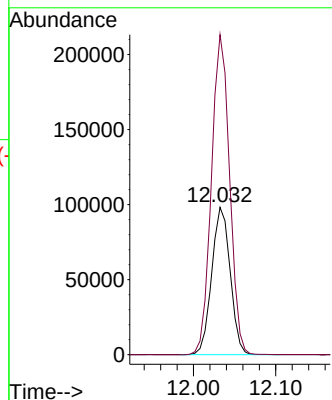
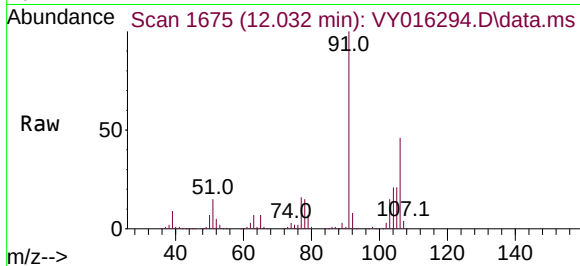




#69
o-Xylene
Concen: 49.778 ug/l
RT: 12.032 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

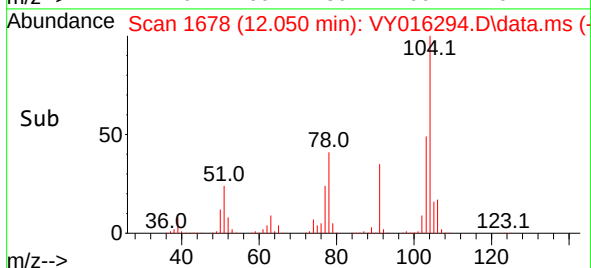
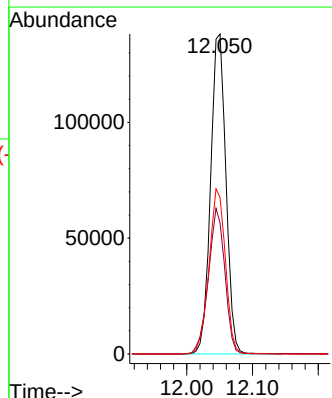
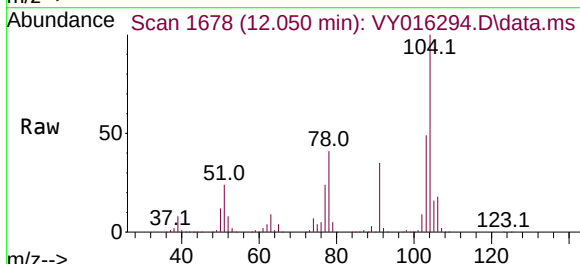
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

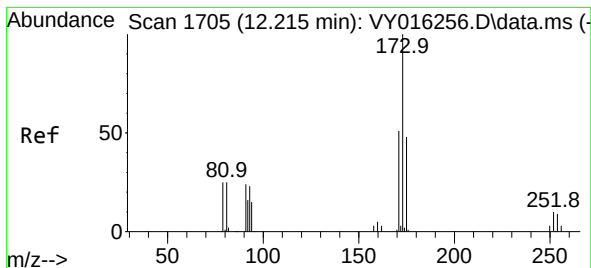
Tgt Ion:106 Resp: 152850
Ion Ratio Lower Upper
106 100
91 214.2 108.1 324.3



#70
Styrene
Concen: 51.054 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion:104 Resp: 224473
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 55.4 44.6 67.0





#71

Bromoform

Concen: 51.346 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

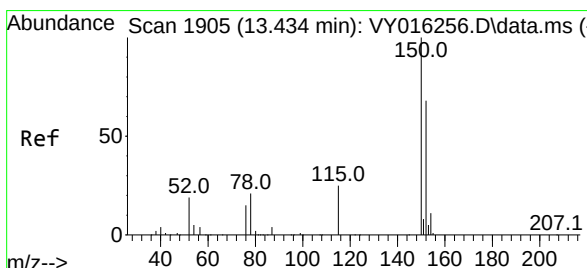
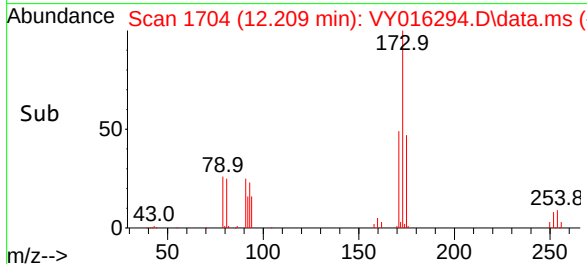
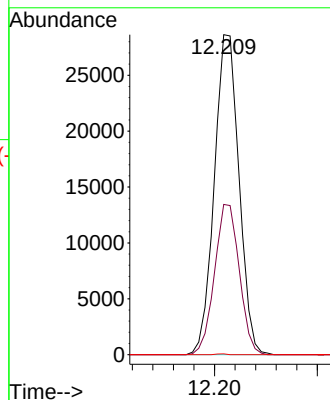
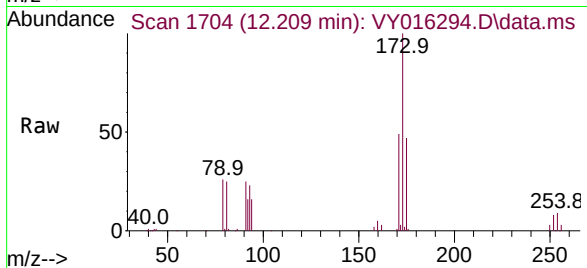
Tgt Ion:173 Resp: 47677

Ion Ratio Lower Upper

173 100

175 47.1 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

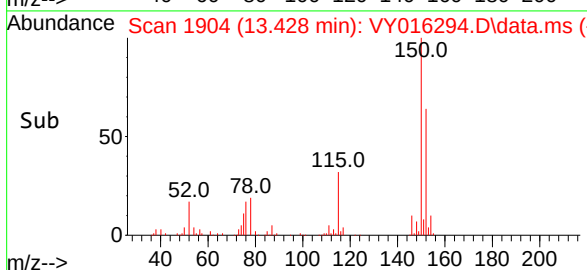
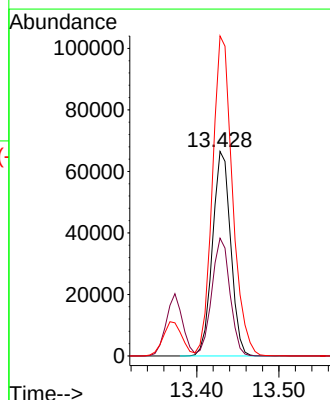
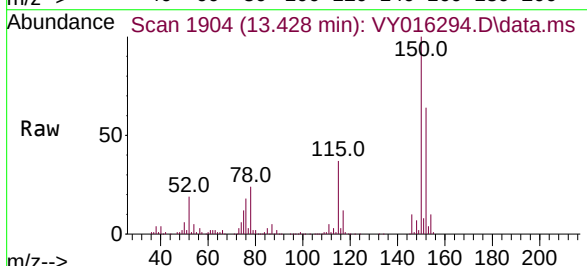
Tgt Ion:152 Resp: 102071

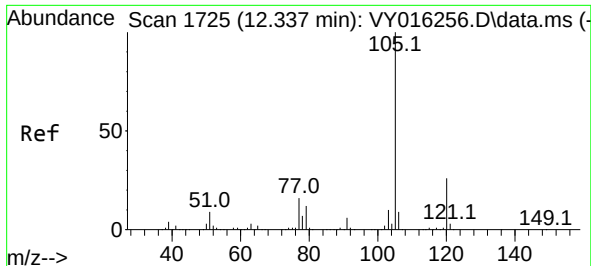
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 172.4 0.0 348.8

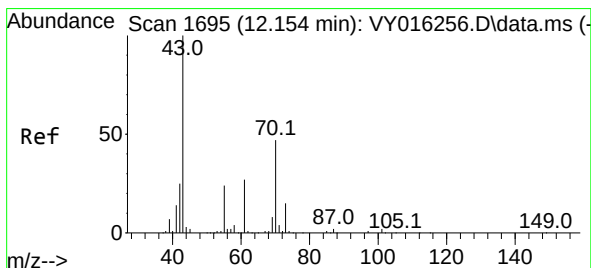
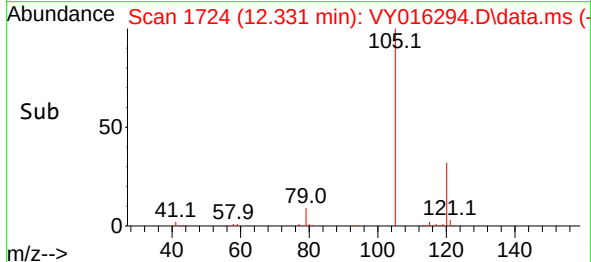
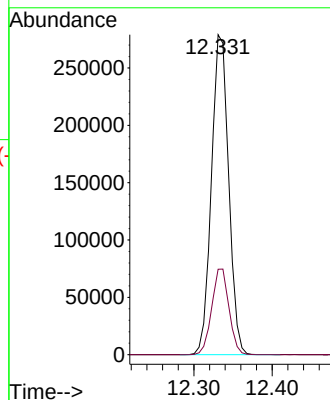
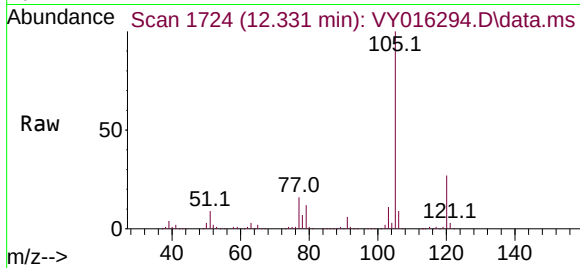




#73
Isopropylbenzene
Concen: 51.452 ug/l
RT: 12.331 min Scan# 1725
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

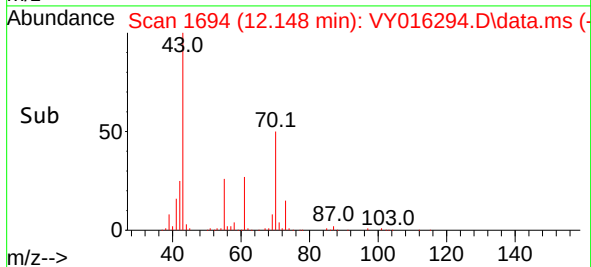
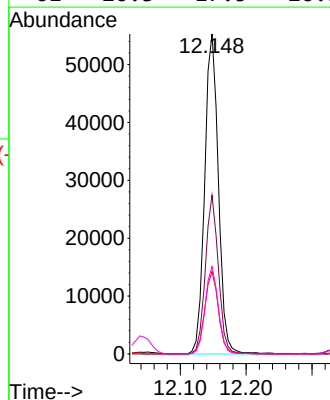
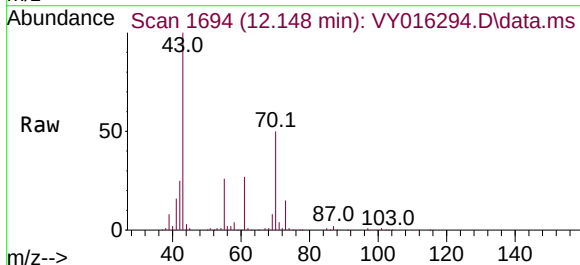
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

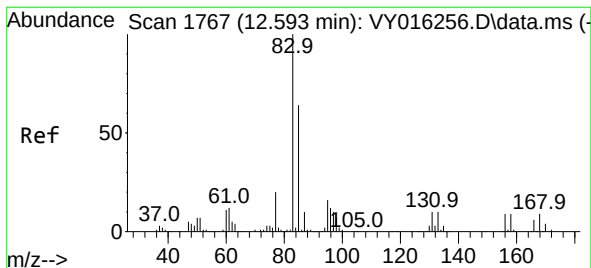
Tgt Ion:105 Resp: 425279
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 48.352 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 43 Resp: 80277
Ion Ratio Lower Upper
43 100
70 47.4 29.7 44.5#
55 25.6 18.3 27.5
61 26.3 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.104 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

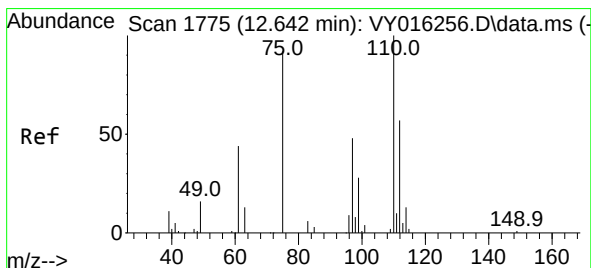
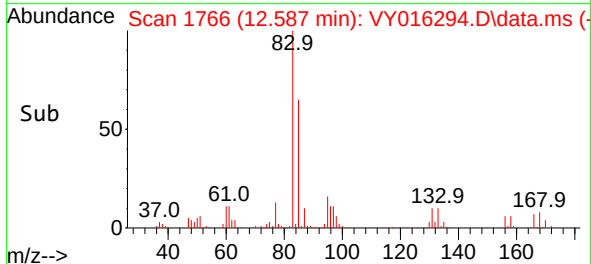
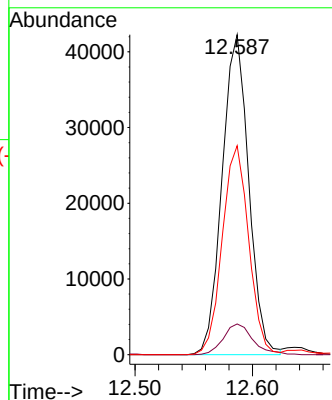
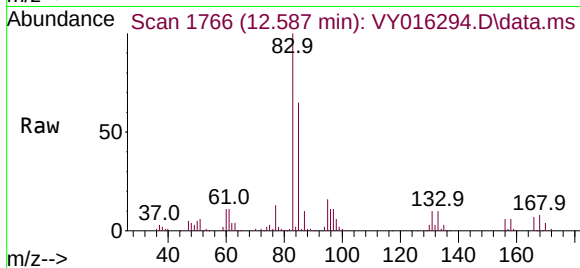
Tgt Ion: 83 Resp: 66454

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 47.972 ug/l m

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016294.D

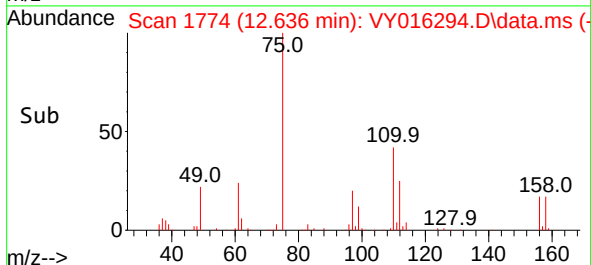
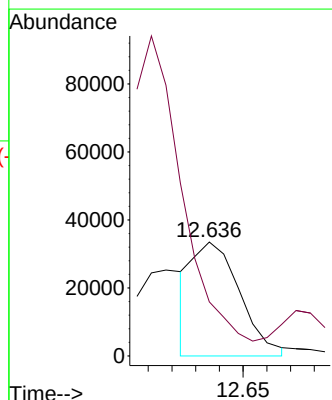
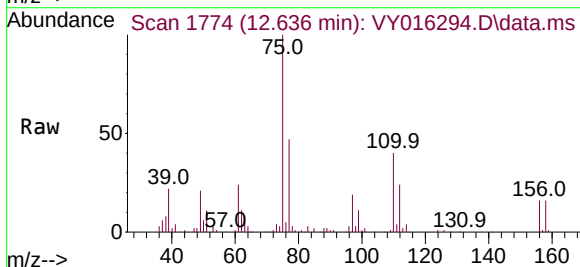
Acq: 10 Nov 2023 08:41

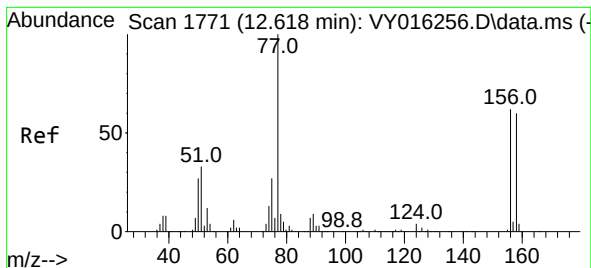
Tgt Ion: 75 Resp: 46972

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.641 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

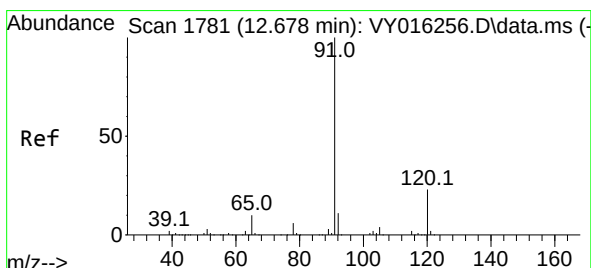
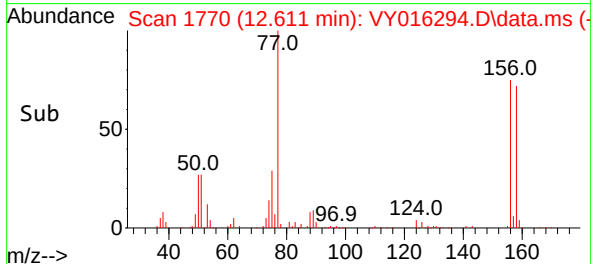
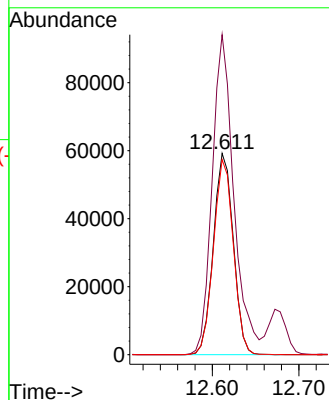
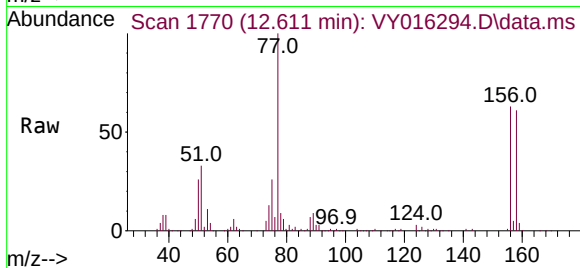
Tgt Ion:156 Resp: 94602

Ion Ratio Lower Upper

156 100

77 172.4 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 51.276 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016294.D

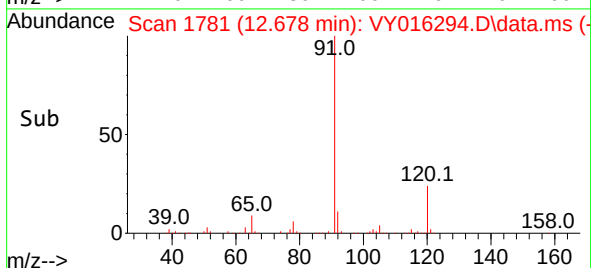
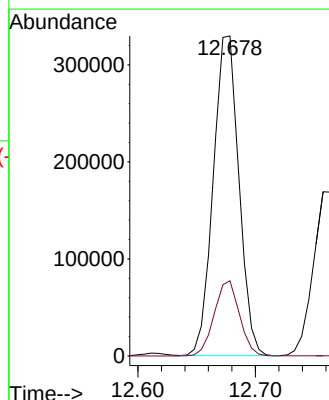
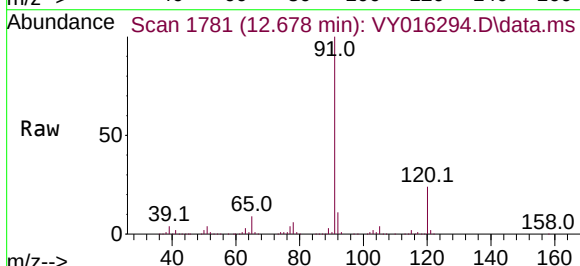
Acq: 10 Nov 2023 08:41

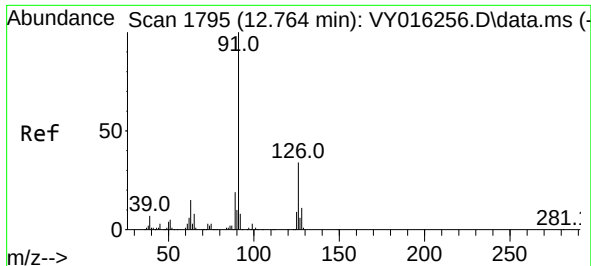
Tgt Ion: 91 Resp: 500866

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.562 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

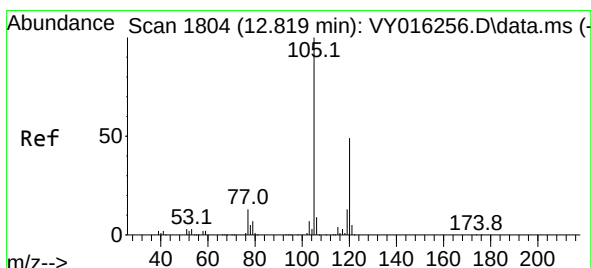
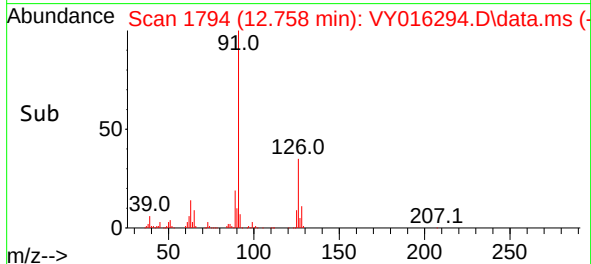
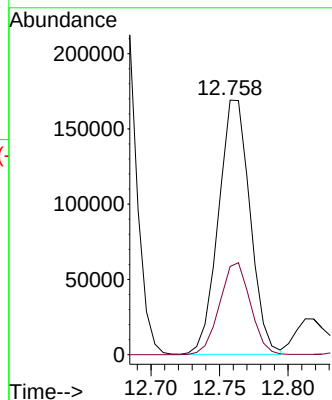
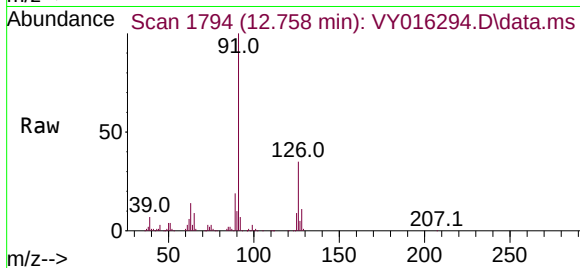
VSTDCCC050

Tgt Ion: 91 Resp: 272183

Ion Ratio Lower Upper

91 100

126 35.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.558 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY016294.D

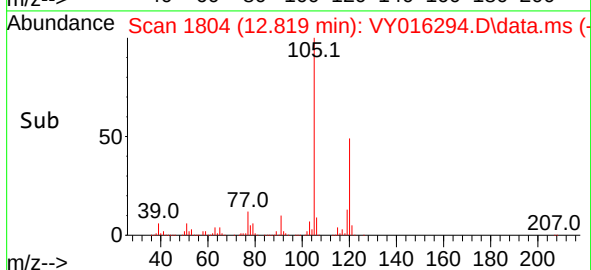
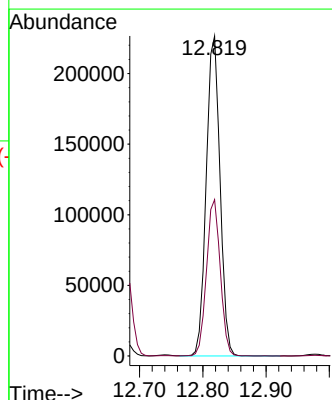
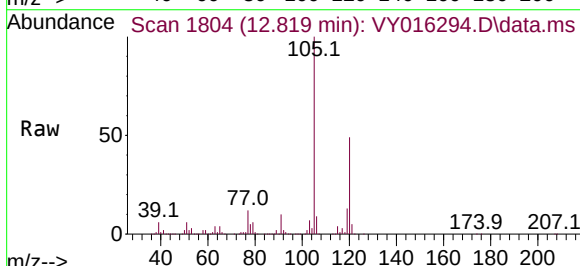
Acq: 10 Nov 2023 08:41

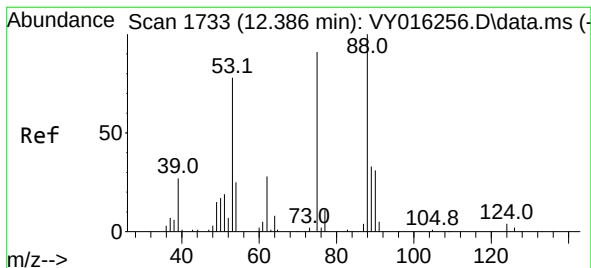
Tgt Ion:105 Resp: 343587

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7

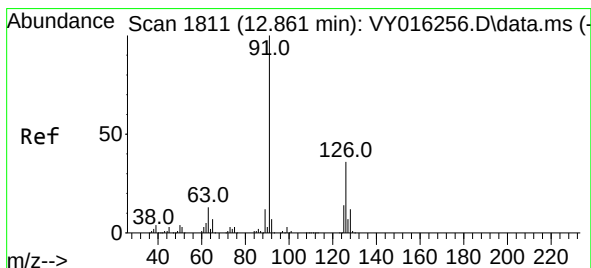
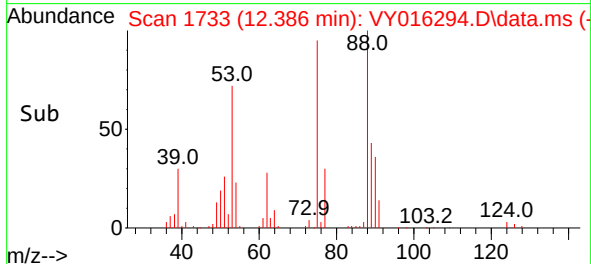
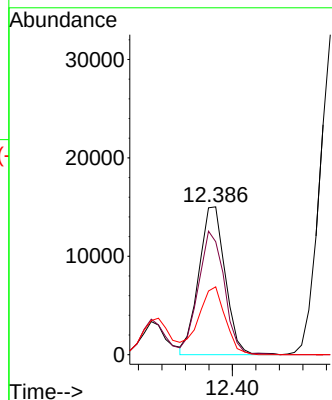
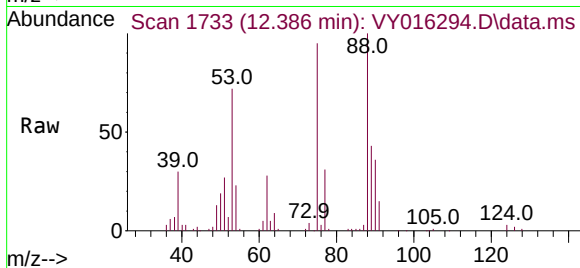




#81
trans-1,4-Dichloro-2-butene
Concen: 51.959 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

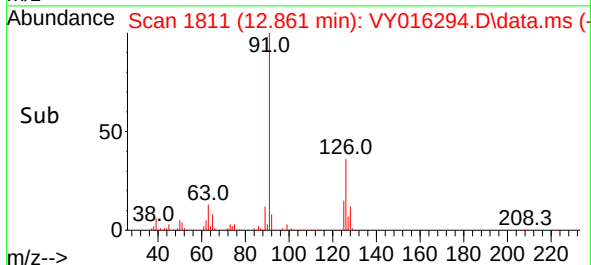
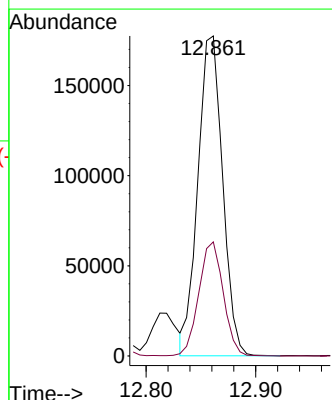
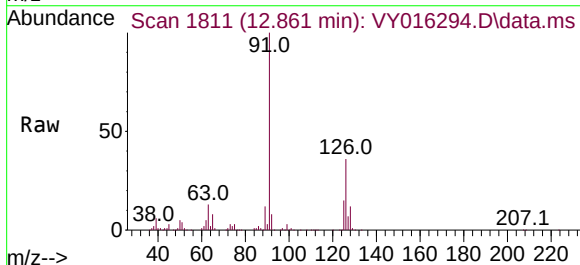
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

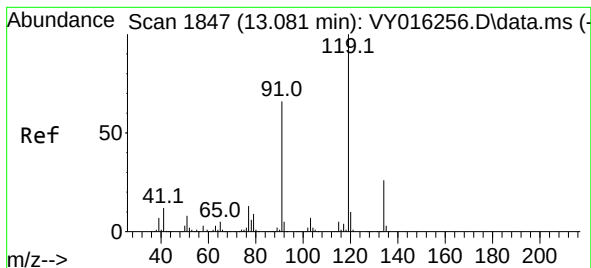
Tgt Ion: 75 Resp: 23439
Ion Ratio Lower Upper
75 100
53 82.3 77.8 116.8
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.062 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 91 Resp: 278468
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.855 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

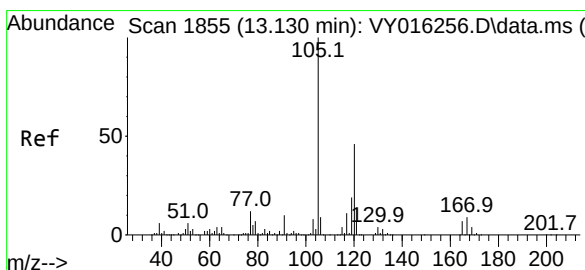
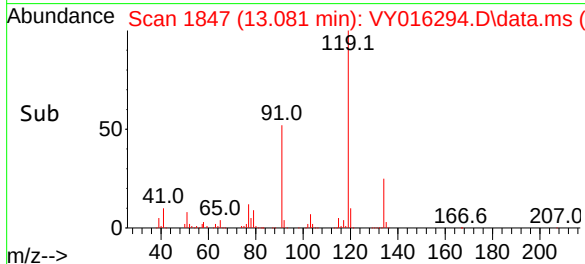
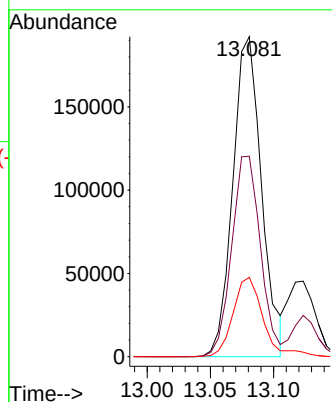
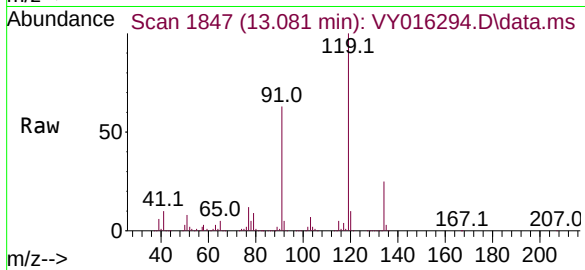
Tgt Ion:119 Resp: 304377

Ion Ratio Lower Upper

119 100

91 62.7 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.774 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016294.D

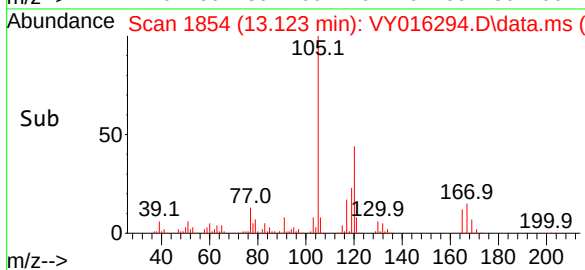
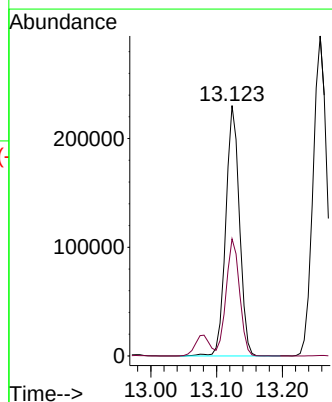
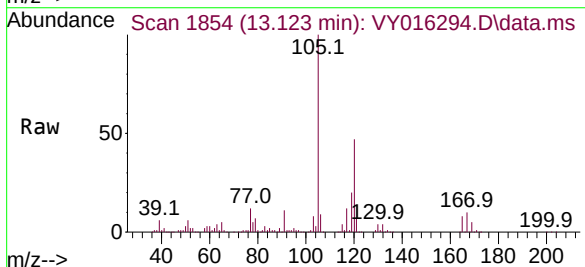
Acq: 10 Nov 2023 08:41

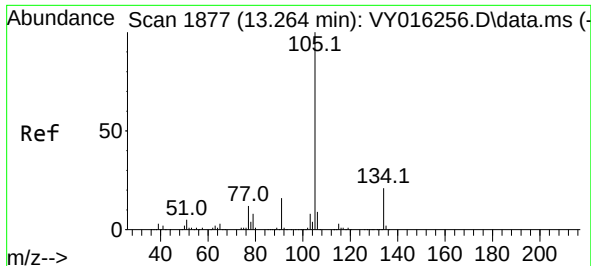
Tgt Ion:105 Resp: 333170

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6

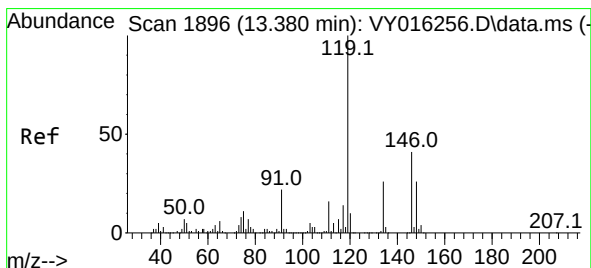
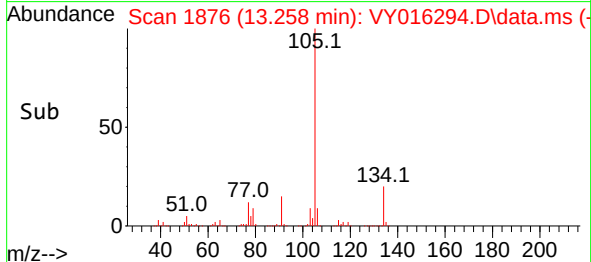
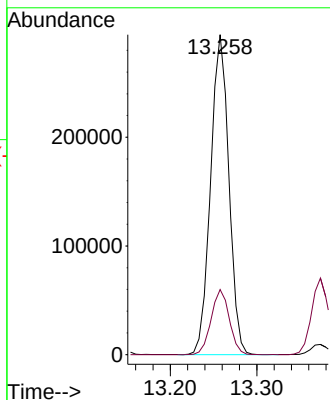
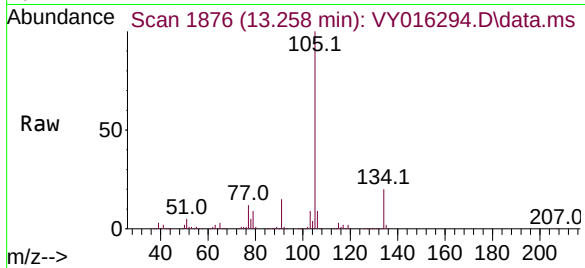




#85
 sec-Butylbenzene
 Concen: 51.371 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016294.D
 Acq: 10 Nov 2023 08:41

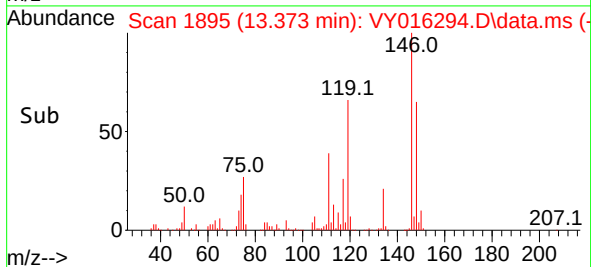
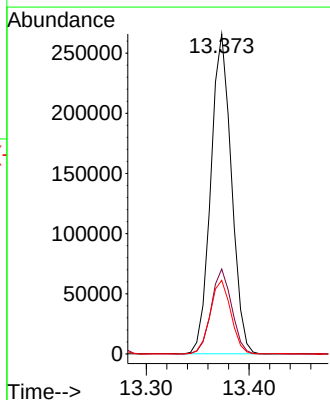
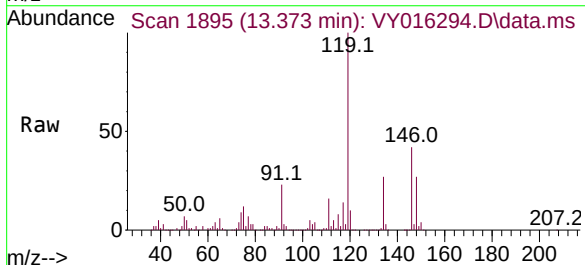
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

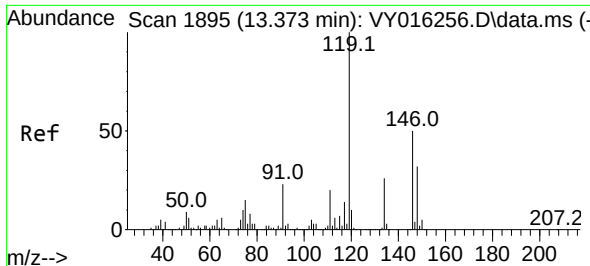
Tgt Ion:105 Resp: 430787
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 51.165 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016294.D
 Acq: 10 Nov 2023 08:41

Tgt Ion:119 Resp: 369451
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.2 12.4 37.4

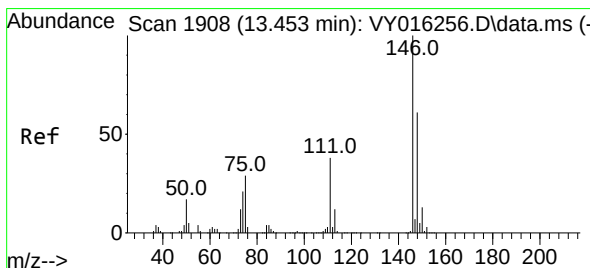
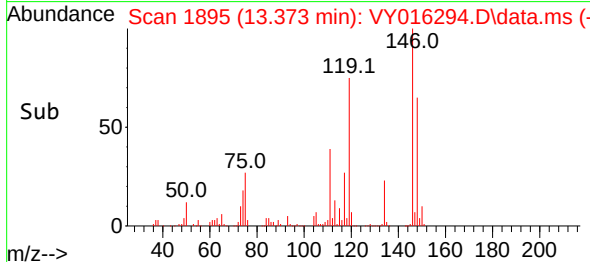
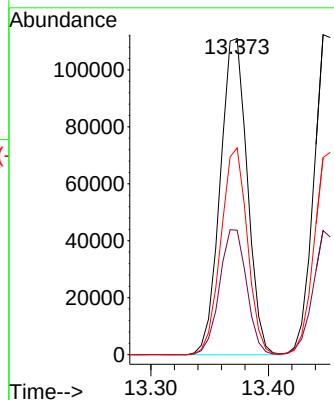
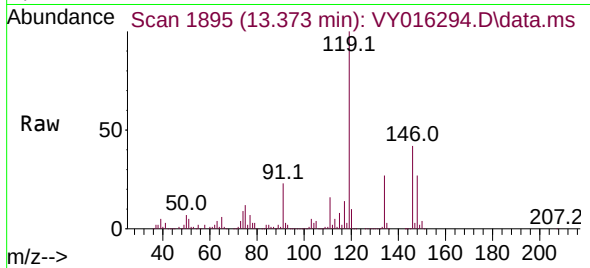




#87
1,3-Dichlorobenzene
Concen: 49.507 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

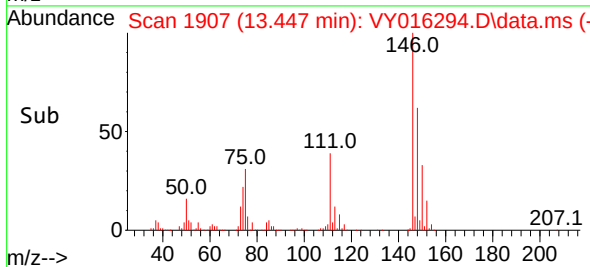
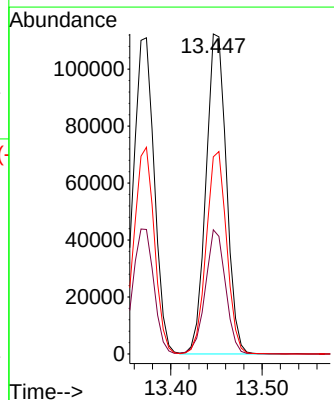
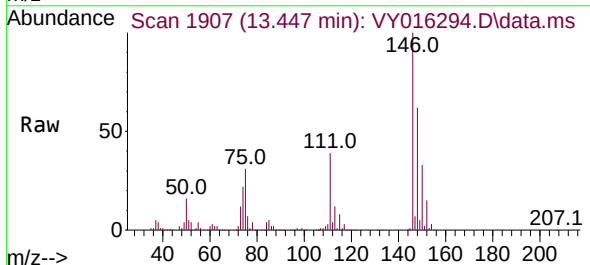
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

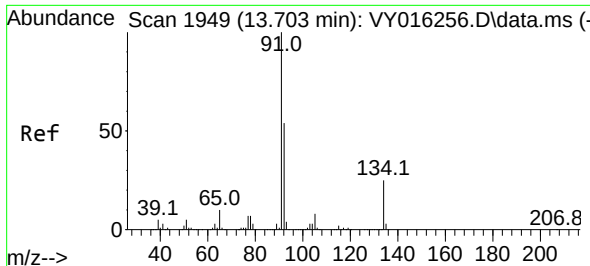
Tgt Ion:146 Resp: 177926
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.604 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion:146 Resp: 174231
Ion Ratio Lower Upper
146 100
111 38.1 18.9 56.7
148 63.1 32.1 96.5

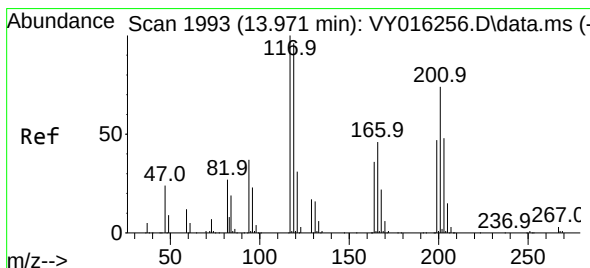
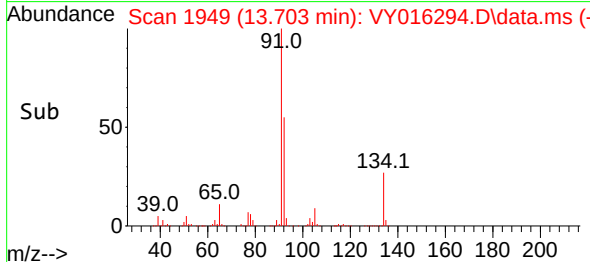
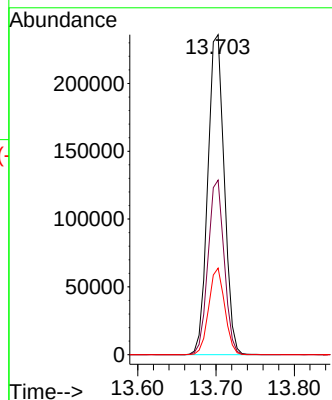
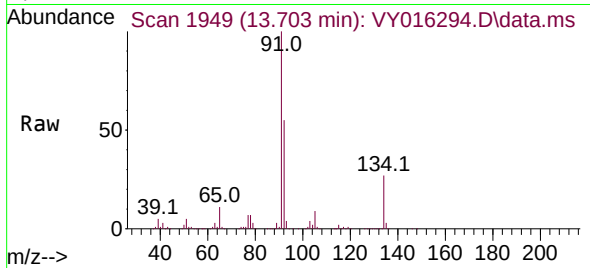




#89
n-Butylbenzene
Concen: 51.505 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

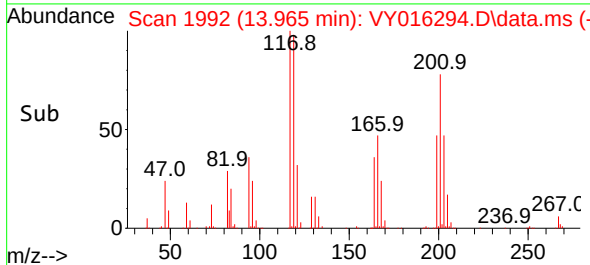
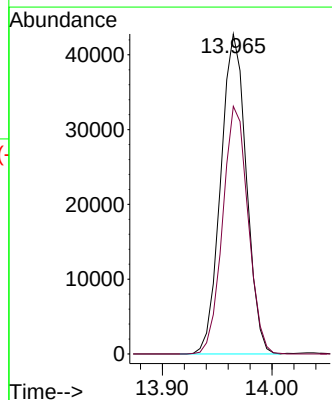
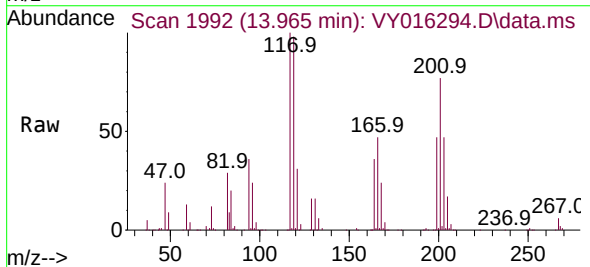
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

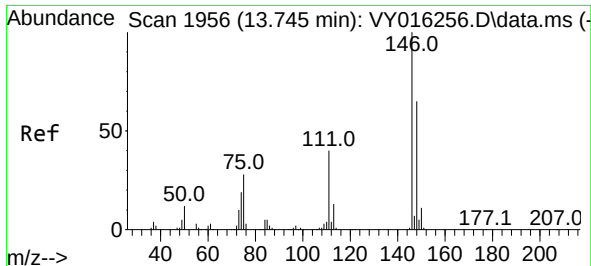
Tgt Ion: 91 Resp: 343456
Ion Ratio Lower Upper
91 100
92 53.5 25.4 76.0
134 26.4 12.6 37.6



#90
Hexachloroethane
Concen: 49.812 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY016294.D
Acq: 10 Nov 2023 08:41

Tgt Ion: 117 Resp: 69384
Ion Ratio Lower Upper
117 100
201 76.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.619 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

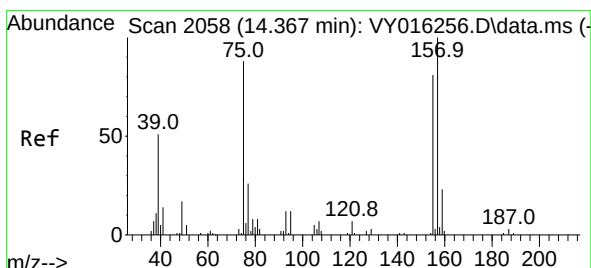
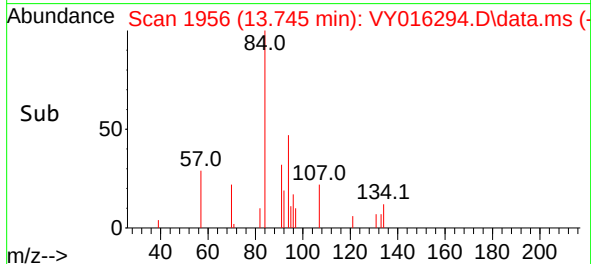
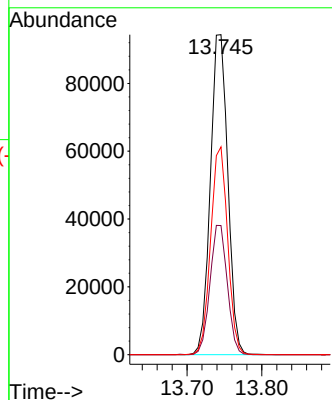
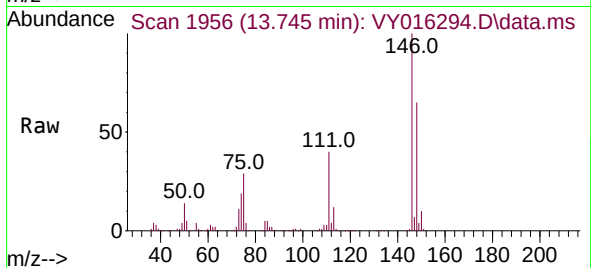
Tgt Ion:146 Resp: 152812

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.0

148 63.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.574 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

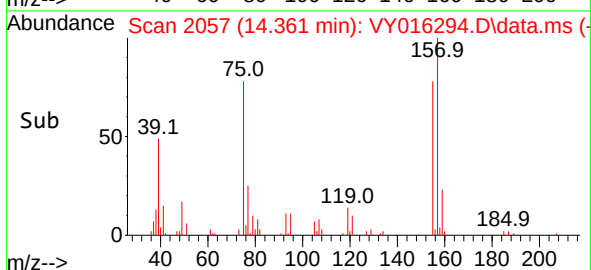
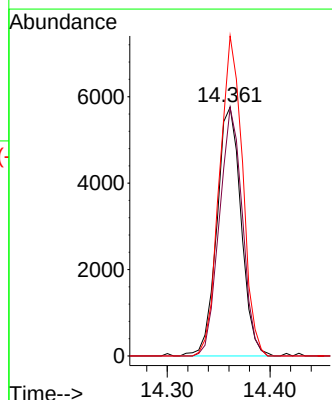
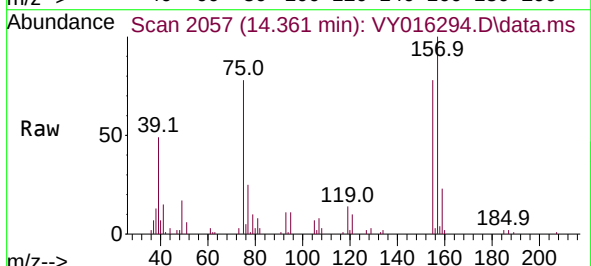
Tgt Ion: 75 Resp: 9406

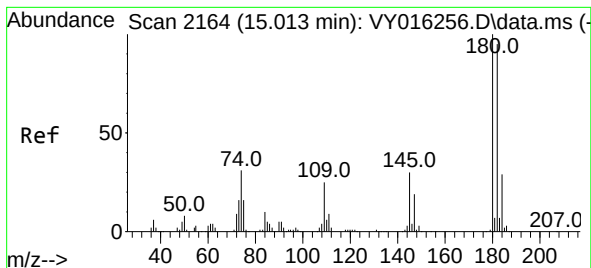
Ion Ratio Lower Upper

75 100

155 94.2 41.5 124.6

157 122.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.107 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

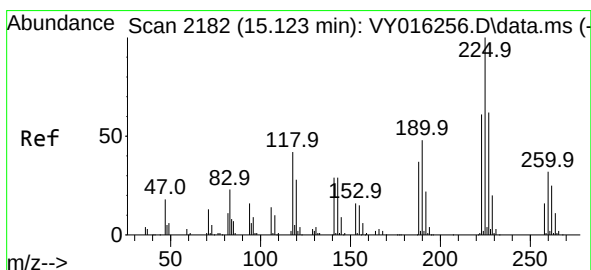
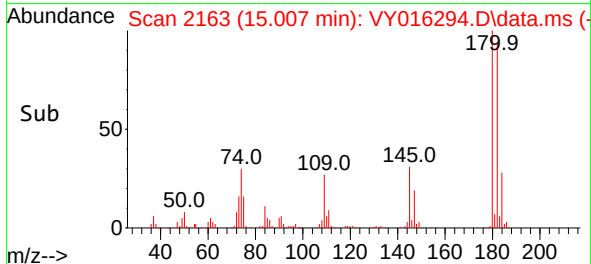
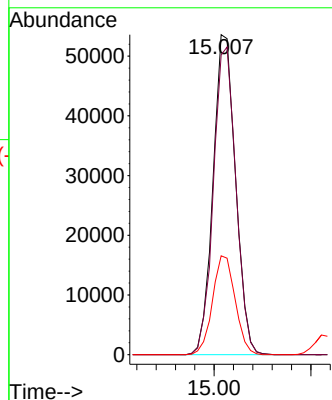
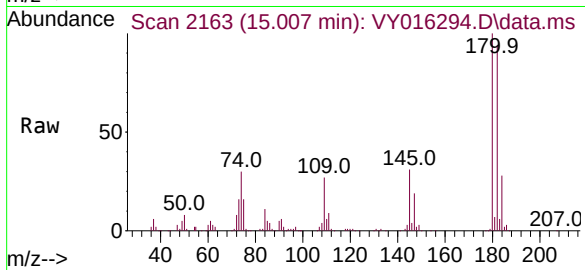
Tgt Ion:180 Resp: 86479

Ion Ratio Lower Upper

180 100

182 96.2 47.0 141.2

145 31.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.566 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

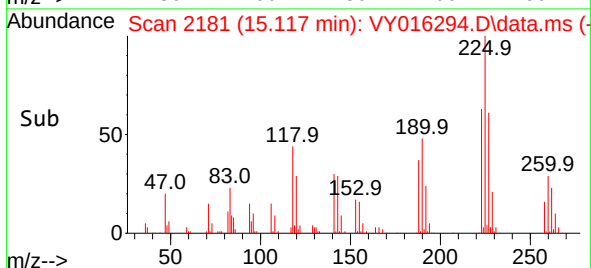
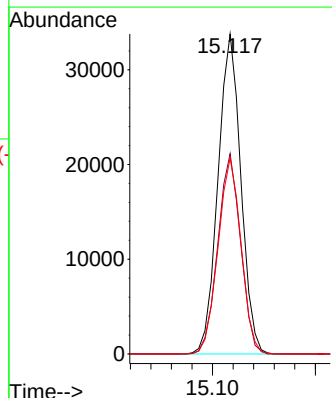
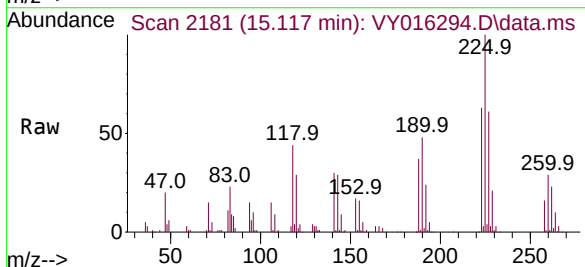
Tgt Ion:225 Resp: 52077

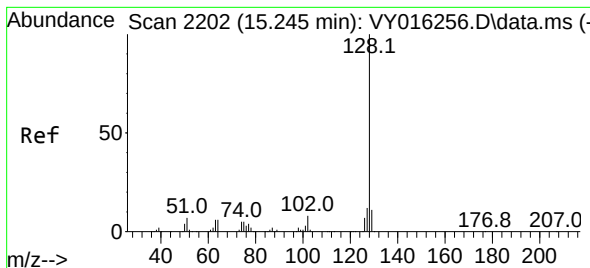
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 61.6 33.0 98.9





#95

Naphthalene

Concen: 48.159 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

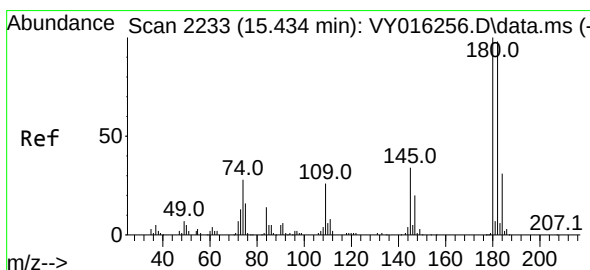
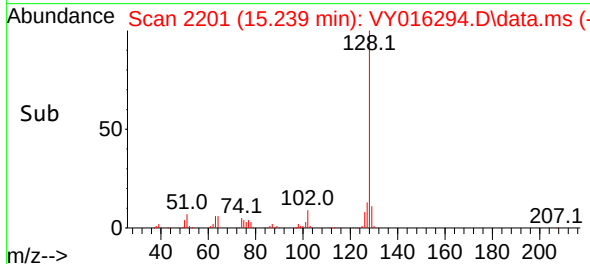
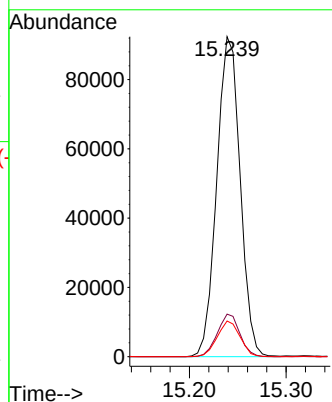
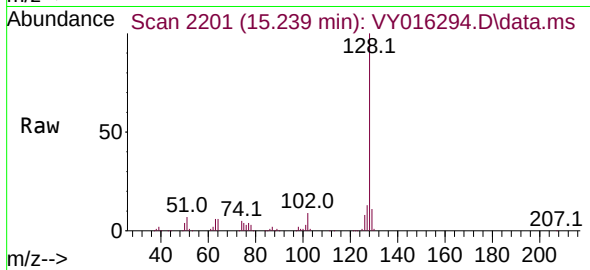
Tgt Ion:128 Resp: 154835

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.785 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016294.D

Acq: 10 Nov 2023 08:41

Tgt Ion:180 Resp: 71049

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.8

145 32.1 15.4 46.2

