

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016052.D
 Acq On : 19 Oct 2023 21:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 20 08:25:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	201072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	300767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	153529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	99104	43.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.740%
35) Dibromofluoromethane	7.722	113	92858	43.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.040%
50) Toluene-d8	10.185	98	345483	44.075	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.140%
62) 4-Bromofluorobenzene	12.489	95	126289	45.153	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	79590	47.893	ug/l	99
3) Chloromethane	2.113	50	105735	50.390	ug/l	99
4) Vinyl Chloride	2.253	62	116536	49.485	ug/l	96
5) Bromomethane	2.655	94	81419	47.395	ug/l	97
6) Chloroethane	2.796	64	75539	49.883	ug/l	93
7) Trichlorofluoromethane	3.125	101	208618	58.209	ug/l	98
8) Diethyl Ether	3.533	74	59338	46.864	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	100020	48.516	ug/l	95
10) Methyl Iodide	4.088	142	120816	44.880	ug/l	98
11) Tert butyl alcohol	5.088	59	97925	277.583	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	94171	48.819	ug/l	90
13) Acrolein	3.747	56	53081	214.108	ug/l	91
14) Allyl chloride	4.478	41	147481	48.895	ug/l	94
15) Acrylonitrile	5.185	53	205272	271.747	ug/l	98
16) Acetone	3.984	43	179880	212.338	ug/l	94
17) Carbon Disulfide	4.192	76	267611	47.356	ug/l	98
18) Methyl Acetate	4.497	43	154081	52.845	ug/l #	88
19) Methyl tert-butyl Ether	5.228	73	288446	46.352	ug/l	100
20) Methylene Chloride	4.716	84	122584	48.709	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	108269	48.198	ug/l	97
22) Diisopropyl ether	6.130	45	315935	48.103	ug/l	98
23) Vinyl Acetate	6.069	43	934584	229.397	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	189807	48.714	ug/l	96
25) 2-Butanone	7.008	43	303858	261.866	ug/l	96
26) 2,2-Dichloropropane	6.984	77	156046	44.512	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	124916	48.286	ug/l	91
28) Bromochloromethane	7.337	49	83646	50.196	ug/l	92
29) Tetrahydrofuran	7.368	42	210661	299.932	ug/l	90
30) Chloroform	7.508	83	202081	48.371	ug/l	97
31) Cyclohexane	7.789	56	167448	46.813	ug/l	90
32) 1,1,1-Trichloroethane	7.709	97	183711	49.147	ug/l	98
36) 1,1-Dichloropropene	7.923	75	153706	47.336	ug/l	98
37) Ethyl Acetate	7.088	43	280808	119.971	ug/l #	86
38) Carbon Tetrachloride	7.904	117	164789	47.748	ug/l	98
39) Methylcyclohexane	9.185	83	194079	47.826	ug/l	93
40) Benzene	8.167	78	438307	47.893	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	51113	42.096	ug/l #	88
42) 1,2-Dichloroethane	8.240	62	138009	46.815	ug/l	93
43) Isopropyl Acetate	8.282	43	205776	50.284	ug/l	96
44) Trichloroethene	8.947	130	135760	52.906	ug/l	94
45) 1,2-Dichloropropane	9.221	63	112915	49.300	ug/l	100
46) Dibromomethane	9.313	93	80130	52.699	ug/l	93
47) Bromodichloromethane	9.502	83	164814	49.455	ug/l	97
48) Methyl methacrylate	9.301	41	96995	52.071	ug/l #	78
49) 1,4-Dioxane	9.368	88	43505	1796.846	ug/l #	55
51) 4-Methyl-2-Pentanone	10.081	43	904934	384.541	ug/l	91
52) Toluene	10.252	92	289295	48.736	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	180967	50.127	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	190773	48.478	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	111589	53.419	ug/l	97
56) Ethyl methacrylate	10.514	69	178883	58.595	ug/l	87
57) 1,3-Dichloropropane	10.794	76	186158	52.531	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	422392	288.055	ug/l	94
59) 2-Hexanone	10.843	43	753465	420.829	ug/l	90
60) Dibromochloromethane	10.989	129	131150	51.913	ug/l	100
61) 1,2-Dibromoethane	11.093	107	118705	55.837	ug/l	100
64) Tetrachloroethene	10.727	164	129787	55.650	ug/l	98
65) Chlorobenzene	11.520	112	316494	48.589	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	120830	49.215	ug/l	99
67) Ethyl Benzene	11.599	91	563145	48.858	ug/l	99
68) m/p-Xylenes	11.709	106	436579	97.134	ug/l	94
69) o-Xylene	12.038	106	211886	49.554	ug/l	96
70) Styrene	12.050	104	363026	49.814	ug/l	96
71) Bromoform	12.215	173	99270	57.463	ug/l #	99
73) Isopropylbenzene	12.337	105	551711	48.040	ug/l	99
74) N-amyl acetate	12.148	43	218963	60.363	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	159557	55.471	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	228107	104.934	ug/l #	100
77) Bromobenzene	12.617	156	136690	49.036	ug/l	95
78) n-propylbenzene	12.678	91	660305	47.735	ug/l	99
79) 2-Chlorotoluene	12.763	91	373192	48.065	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	457140	48.056	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.385	75	59915	60.166	ug/l	95
82) 4-Chlorotoluene	12.861	91	389325	48.045	ug/l	100
83) tert-Butylbenzene	13.080	119	400823	48.053	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	457450	48.426	ug/l	98
85) sec-Butylbenzene	13.257	105	595259	47.782	ug/l	100
86) p-Isopropyltoluene	13.373	119	494615	47.510	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	261427	48.202	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	263432	48.241	ug/l	98
89) n-Butylbenzene	13.702	91	463443	47.818	ug/l	97
90) Hexachloroethane	13.964	117	93613	47.170	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	246696	49.541	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	43859	80.102	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	154049	48.561	ug/l	99
94) Hexachlorobutadiene	15.117	225	76604	44.459	ug/l	98
95) Naphthalene	15.245	128	516099	66.285	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	144551	49.887	ug/l	98

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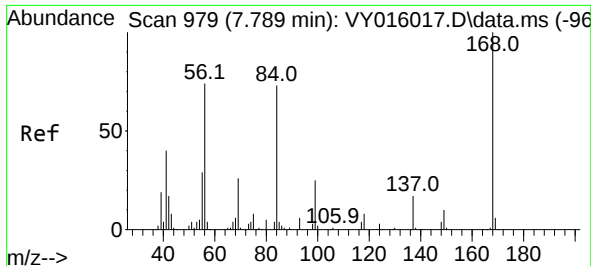
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QLast Update : Thu Oct 19 03:15:44 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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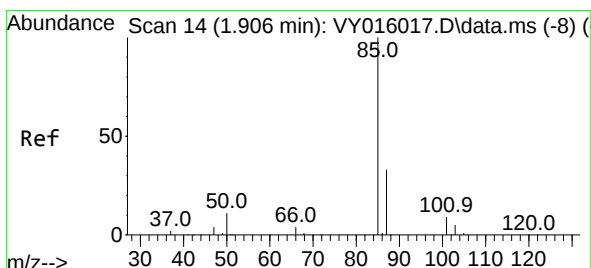
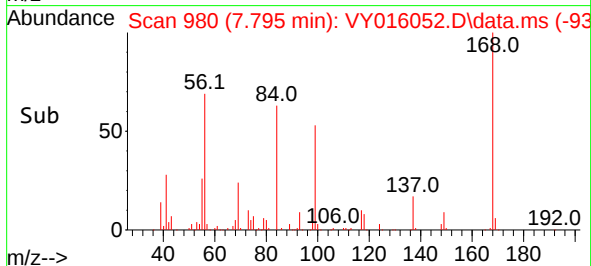
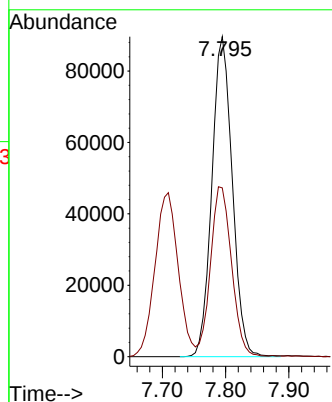
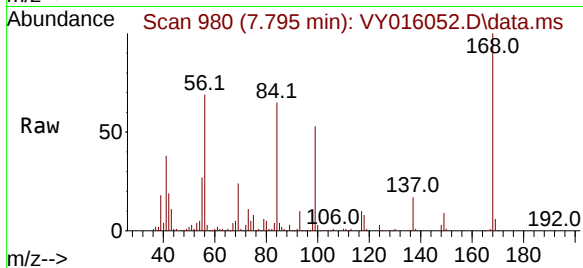




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

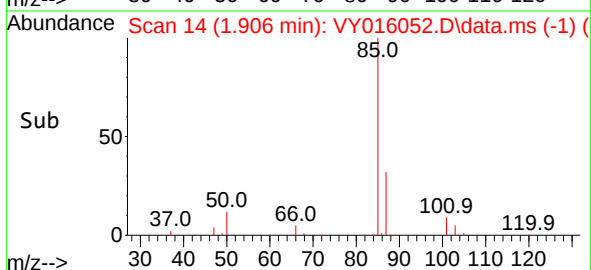
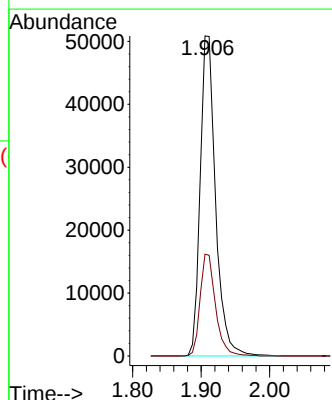
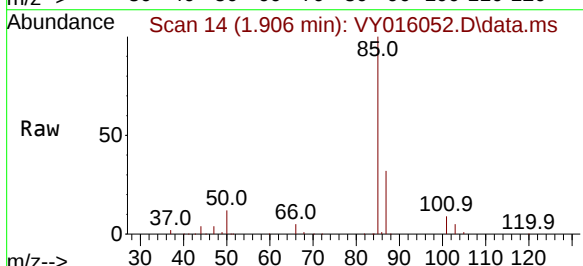
Instrument :
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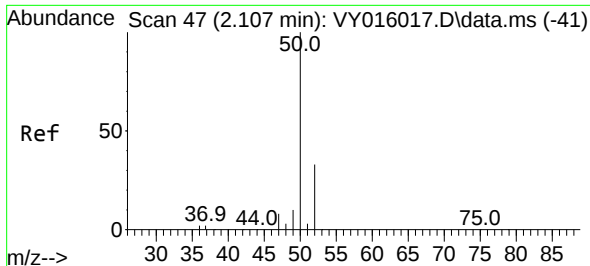
Tgt Ion:168 Resp: 201072
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.893 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 85 Resp: 79590
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8

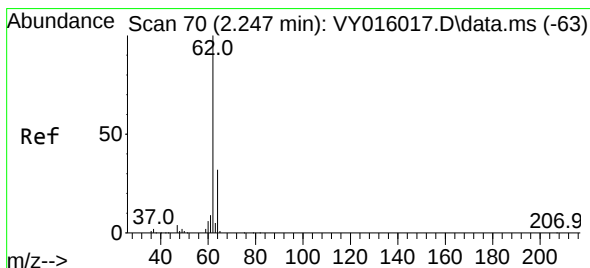
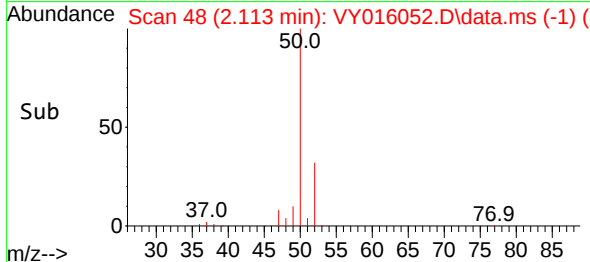
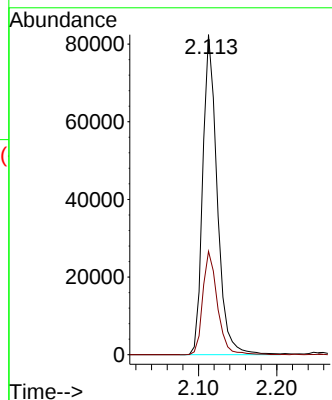
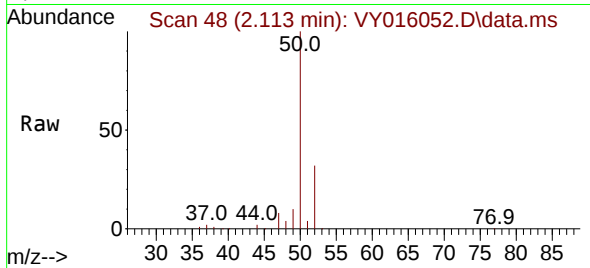




#3
Chloromethane
Concen: 50.390 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

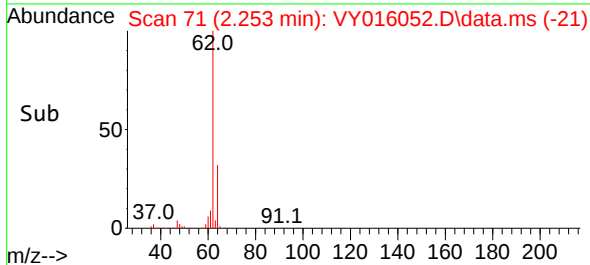
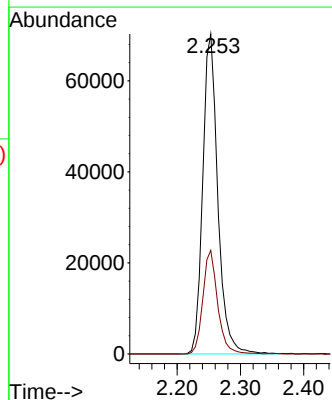
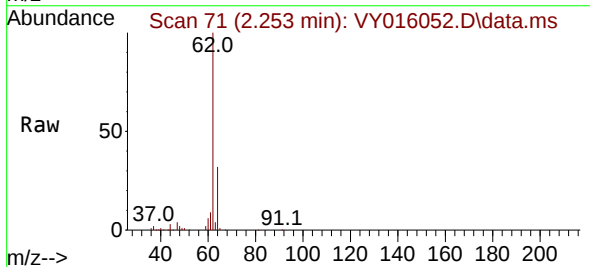
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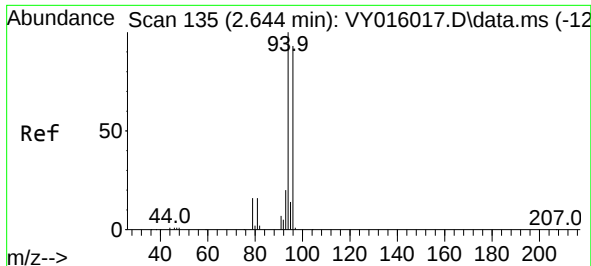
Tgt Ion: 50 Resp: 105735
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 49.485 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 62 Resp: 116536
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5

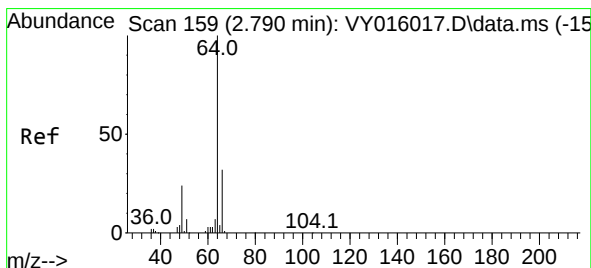
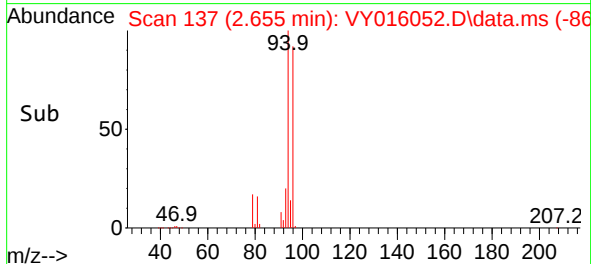
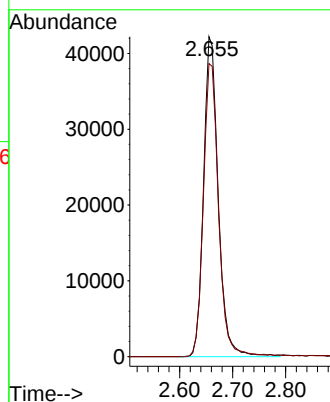
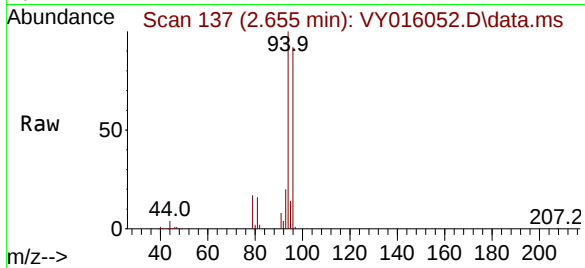




#5
Bromomethane
Concen: 47.395 ug/l
RT: 2.655 min Scan# 11
Delta R.T. 0.011 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

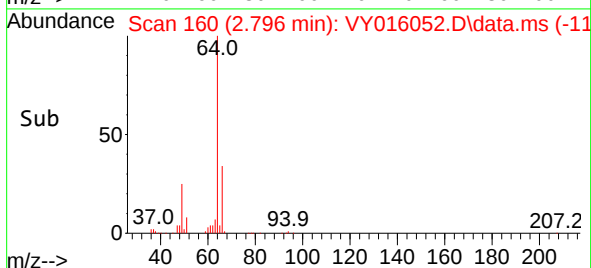
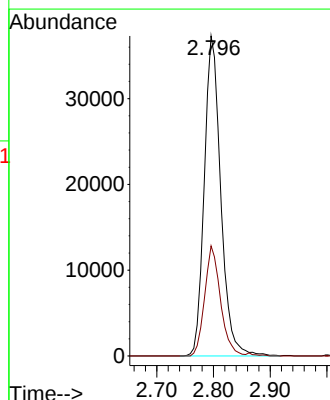
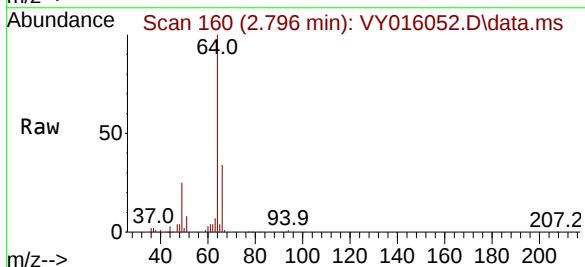
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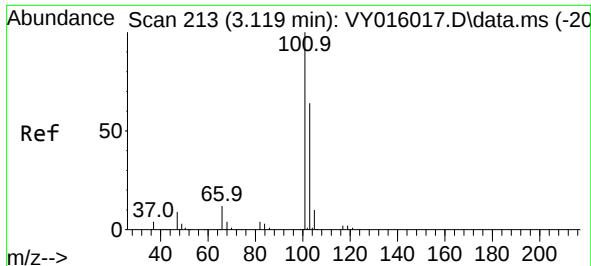
Tgt Ion: 94 Resp: 81419
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6



#6
Chloroethane
Concen: 49.883 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 64 Resp: 75539
Ion Ratio Lower Upper
64 100
66 34.4 24.4 36.6

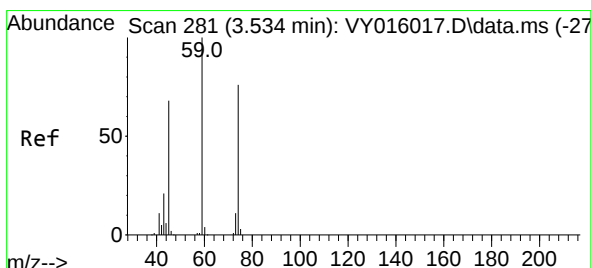
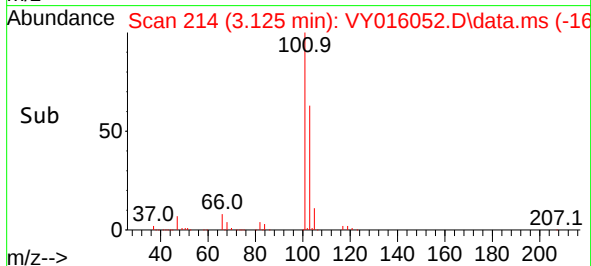
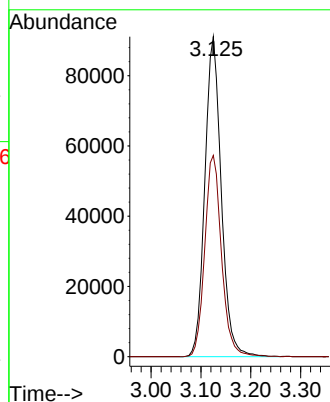
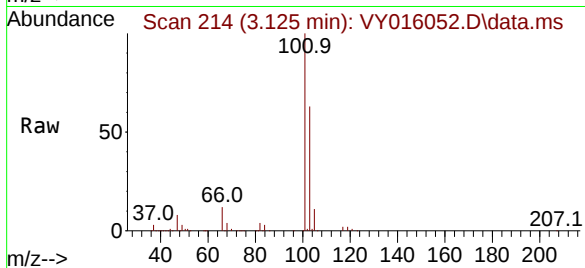




#7
 Trichlorofluoromethane
 Concen: 58.209 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY016052.D
 Acq: 19 Oct 2023 21:03

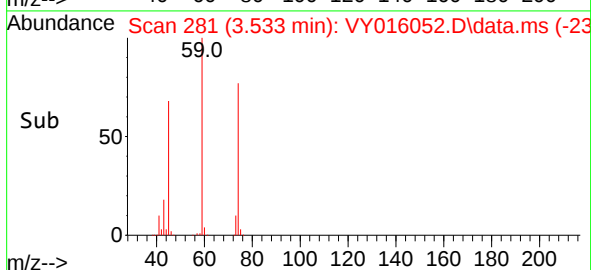
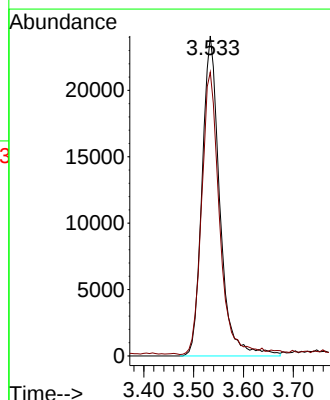
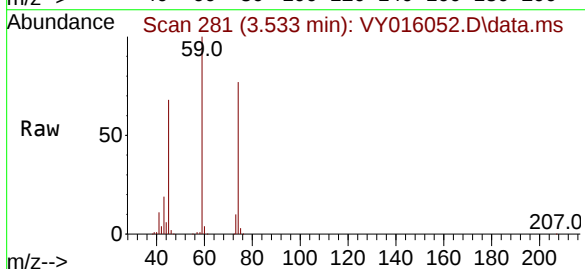
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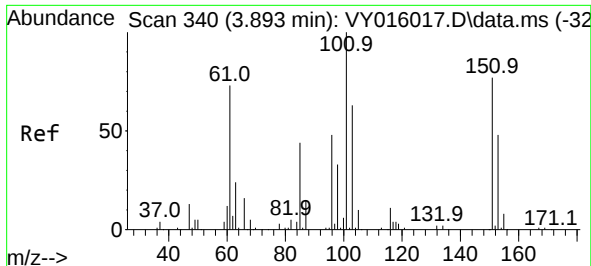
Tgt Ion:101 Resp: 208618
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 46.864 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. -0.000 min
 Lab File: VY016052.D
 Acq: 19 Oct 2023 21:03

Tgt Ion: 74 Resp: 59338
 Ion Ratio Lower Upper
 74 100
 45 88.9 51.5 154.5

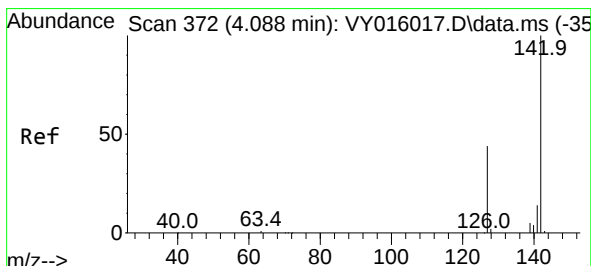
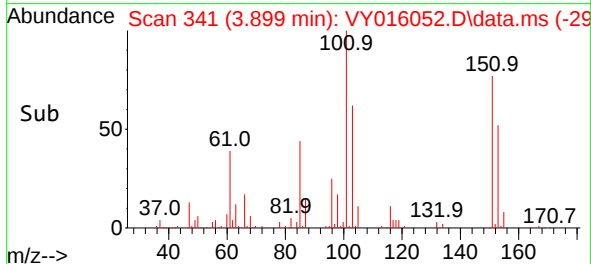
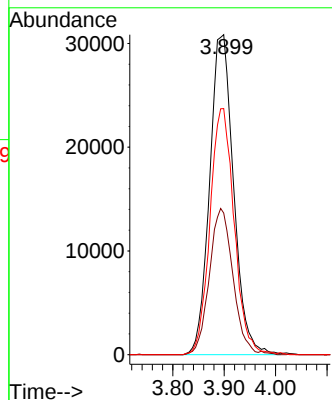
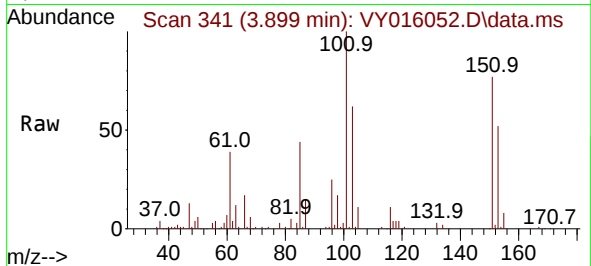




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.516 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

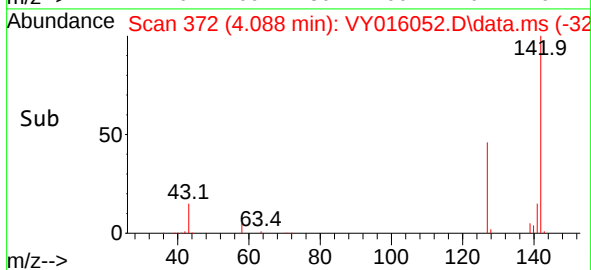
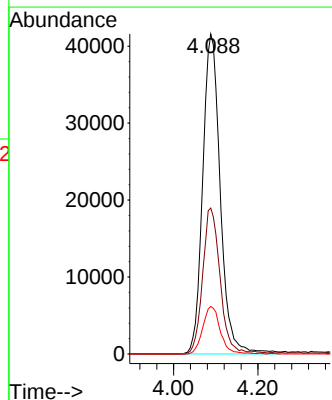
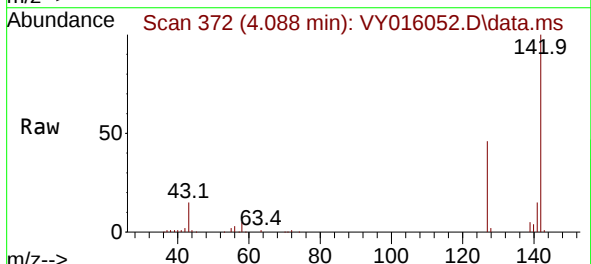
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

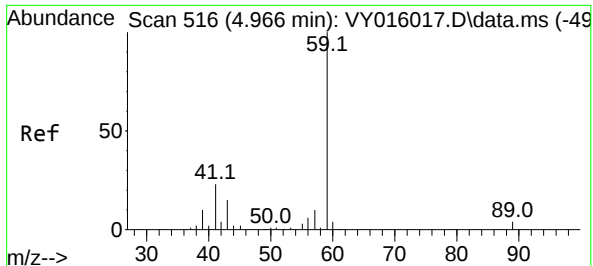
Tgt Ion:101 Resp: 100020
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 77.6 67.0 100.6



#10
Methyl Iodide
Concen: 44.880 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion:142 Resp: 120816
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.8 11.8 17.8

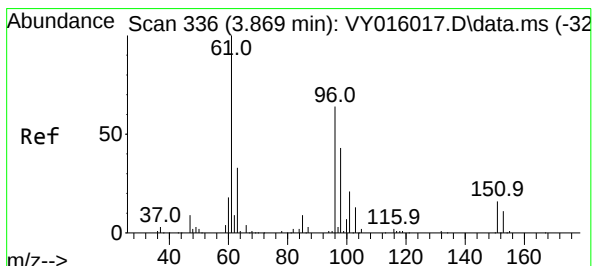
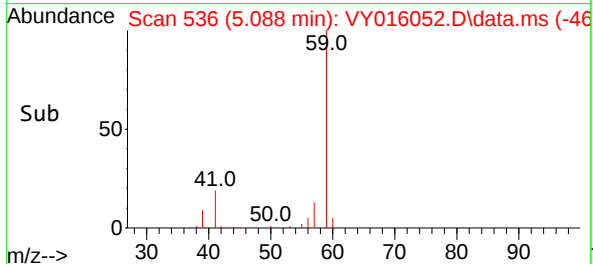
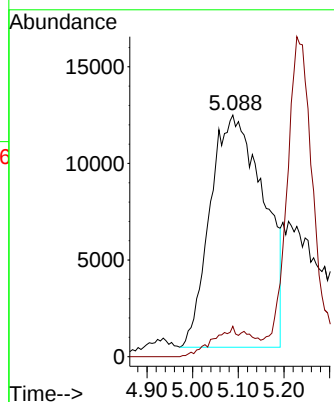
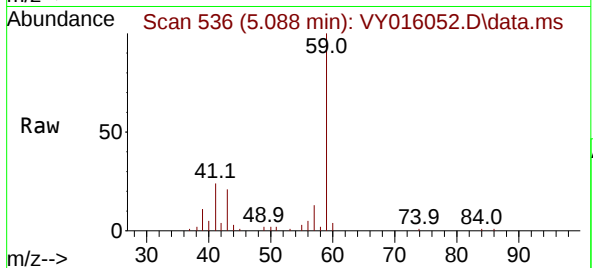




#11
Tert butyl alcohol
Concen: 277.583 ug/l
RT: 5.088 min Scan# 516
Delta R.T. 0.122 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

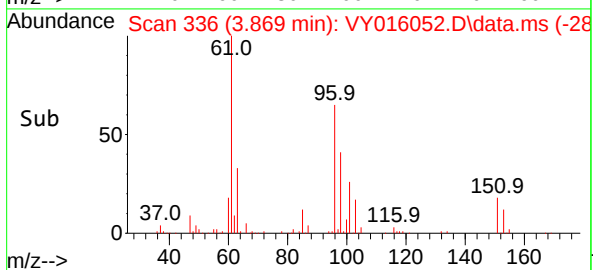
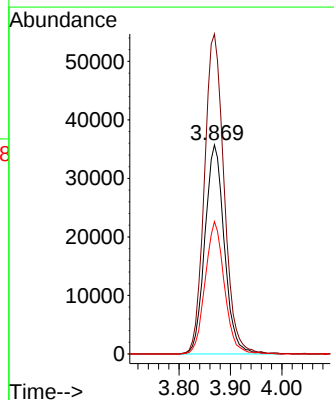
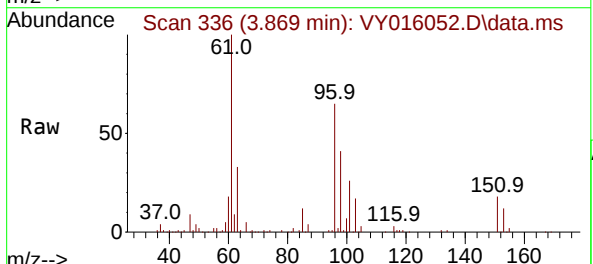
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

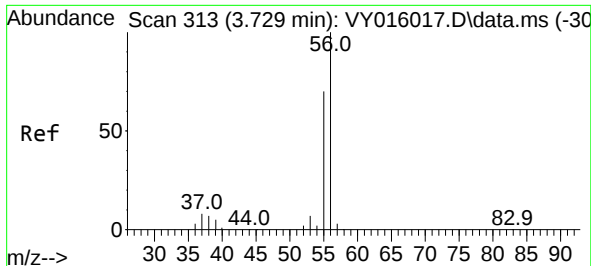
Tgt Ion: 59 Resp: 97925
Ion Ratio Lower Upper
59 100
57 5.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.819 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 96 Resp: 94171
Ion Ratio Lower Upper
96 100
61 153.0 136.4 204.6
98 63.3 49.4 74.2

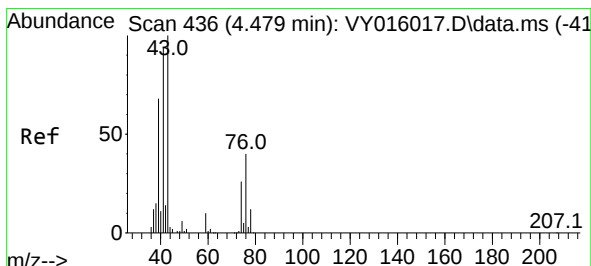
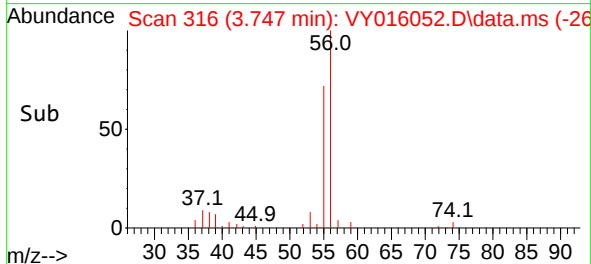
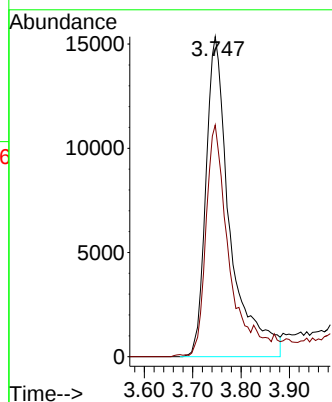
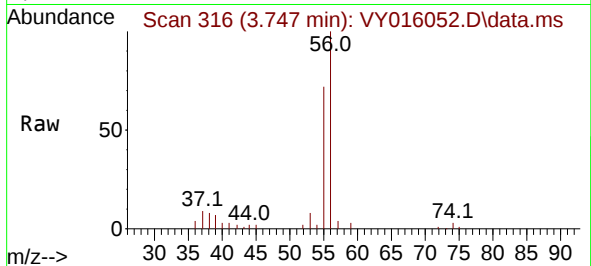




#13
Acrolein
Concen: 214.108 ug/l
RT: 3.747 min Scan# 313
Delta R.T. 0.018 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

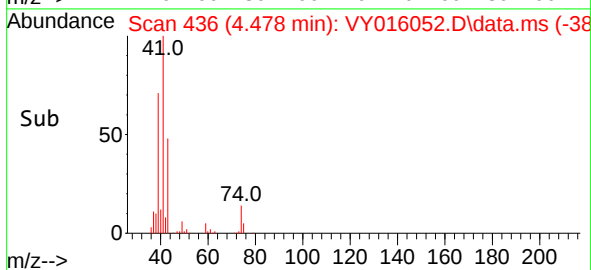
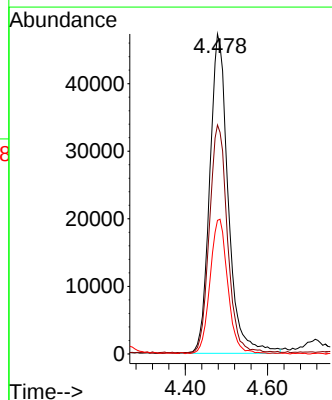
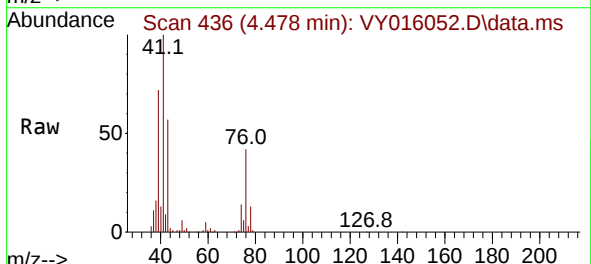
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

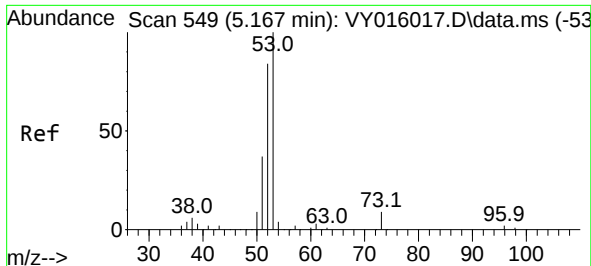
Tgt Ion: 56 Resp: 53081
Ion Ratio Lower Upper
56 100
55 63.7 57.0 85.4



#14
Allyl chloride
Concen: 48.895 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 41 Resp: 147481
Ion Ratio Lower Upper
41 100
39 69.3 58.0 87.0
76 40.0 27.4 41.2

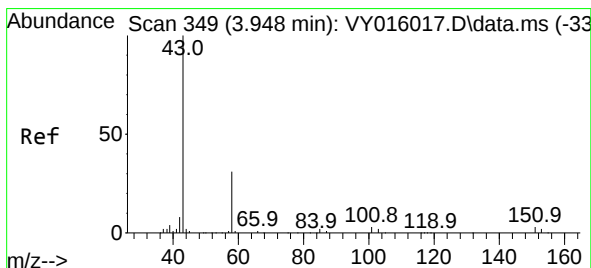
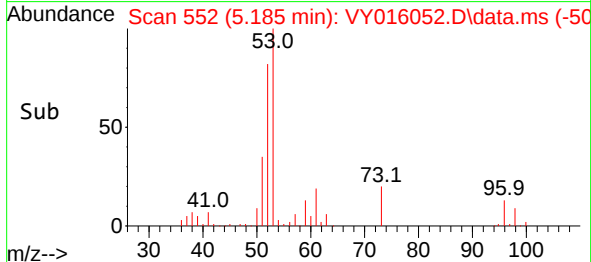
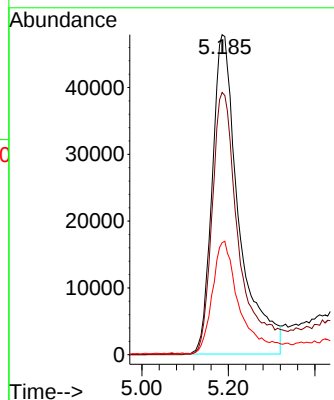
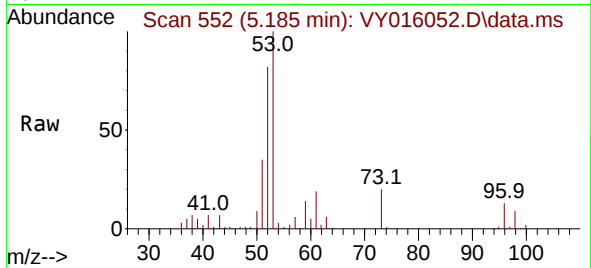




#15
Acrylonitrile
Concen: 271.747 ug/l
RT: 5.185 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

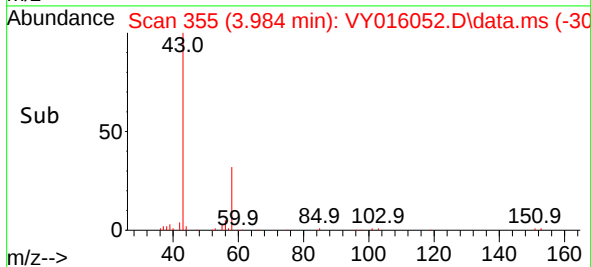
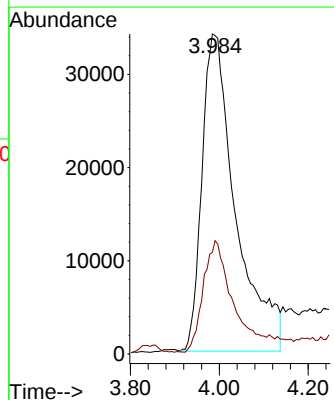
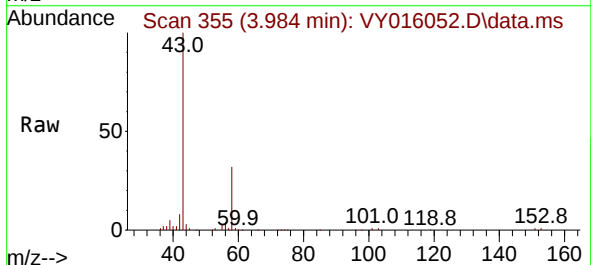
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

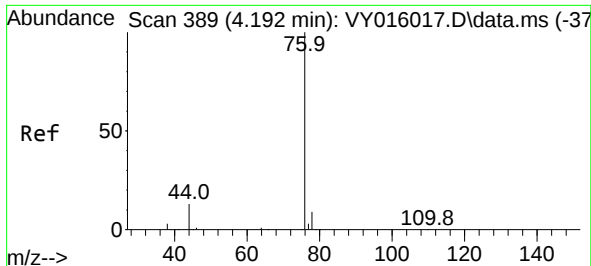
Tgt Ion: 53 Resp: 205272
Ion Ratio Lower Upper
53 100
52 84.4 66.9 100.3
51 34.5 29.8 44.6



#16
Acetone
Concen: 212.338 ug/l
RT: 3.984 min Scan# 355
Delta R.T. 0.036 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 43 Resp: 179880
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1

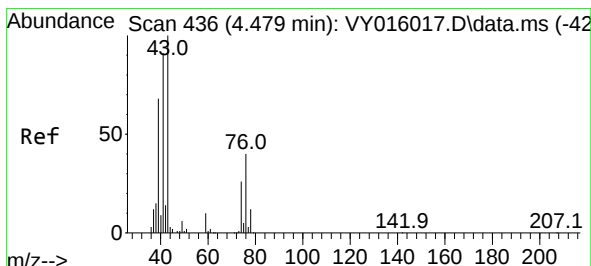
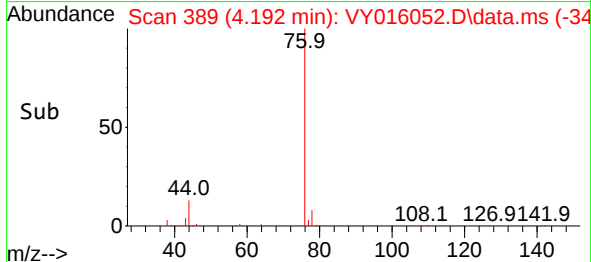
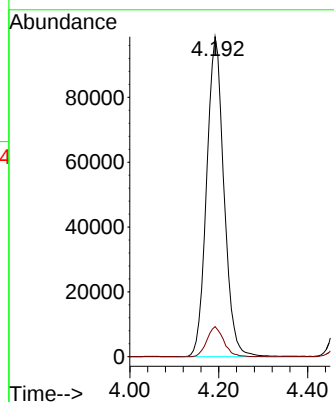
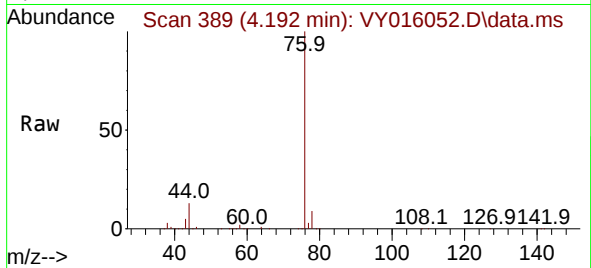




#17
Carbon Disulfide
Concen: 47.356 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

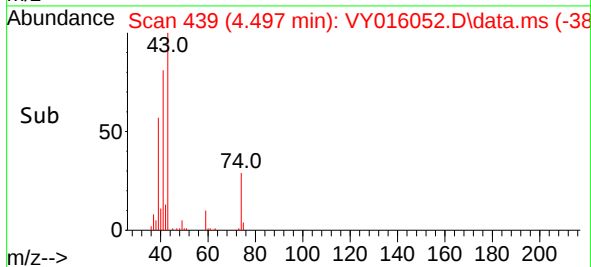
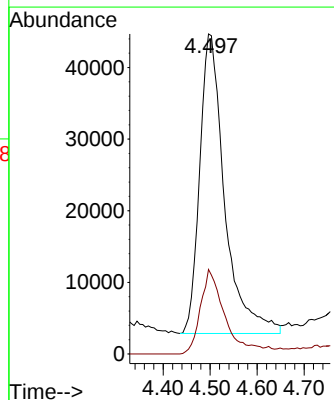
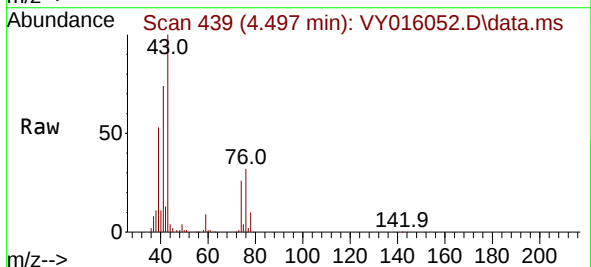
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

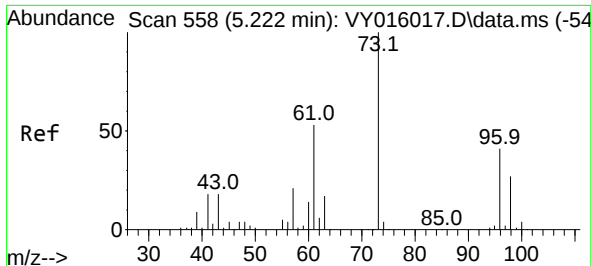
Tgt Ion: 76 Resp: 267611
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 52.845 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 43 Resp: 154081
Ion Ratio Lower Upper
43 100
74 27.3 17.4 26.0#

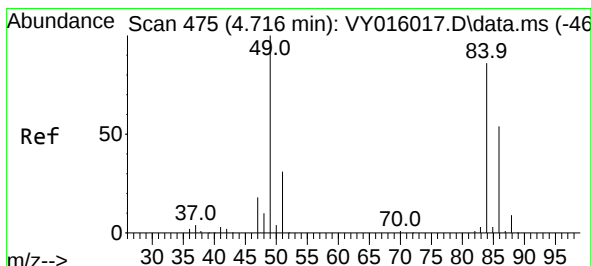
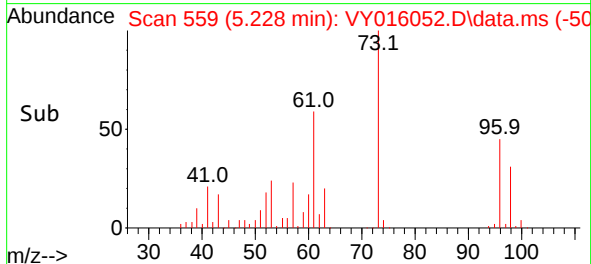
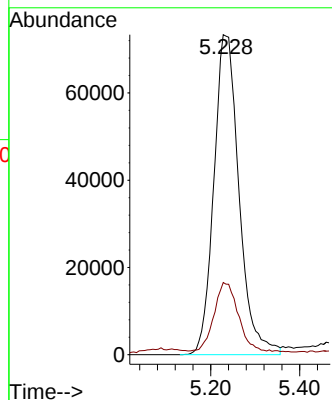
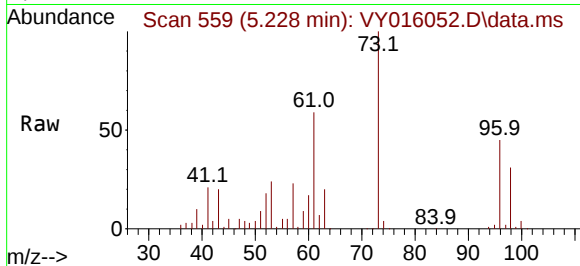




#19
Methyl tert-butyl Ether
Concen: 46.352 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

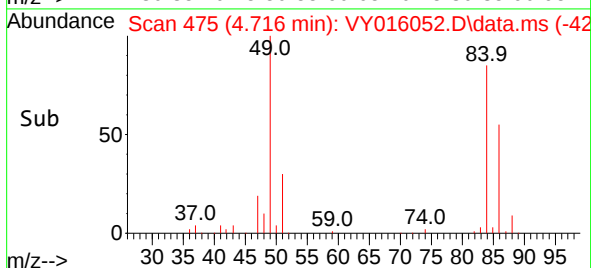
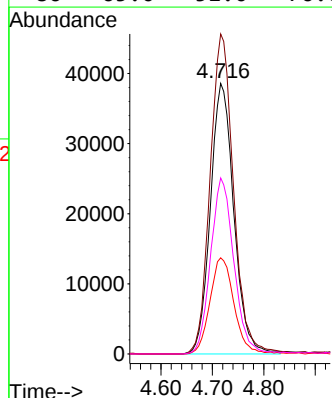
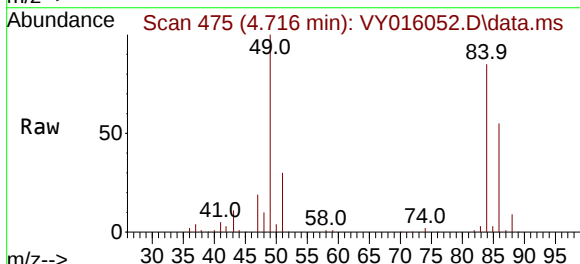
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

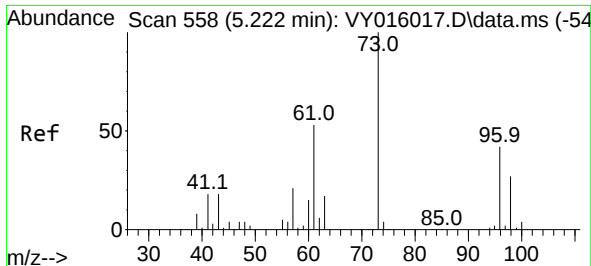
Tgt Ion: 73 Resp: 288446
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 48.709 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 84 Resp: 122584
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 35.5 33.2 49.8
86 65.0 51.0 76.6

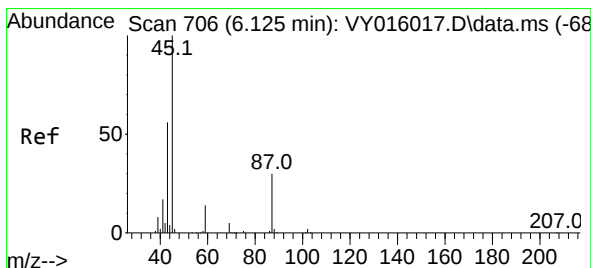
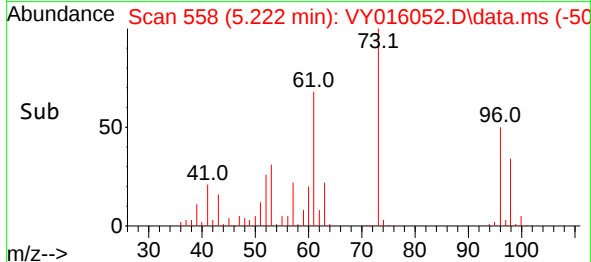
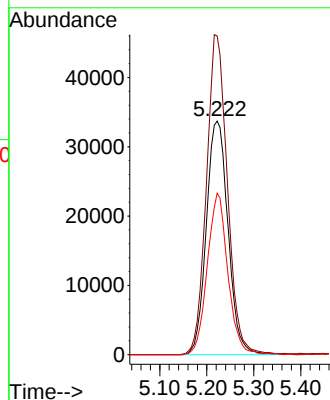
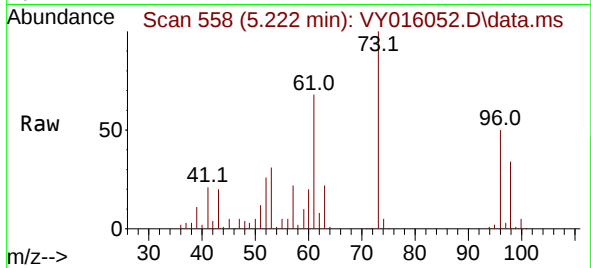




#21
trans-1,2-Dichloroethene
Concen: 48.198 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

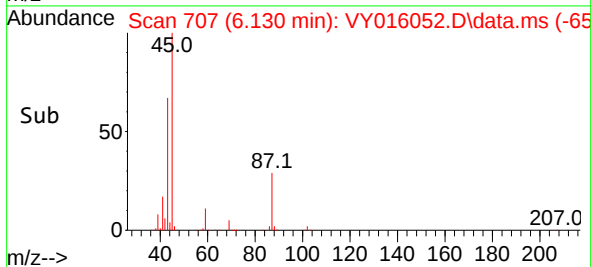
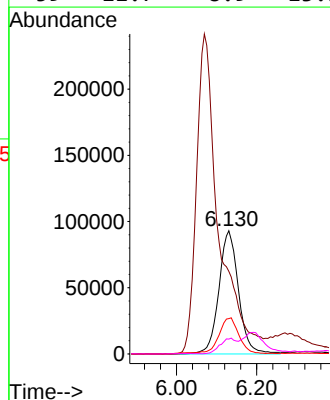
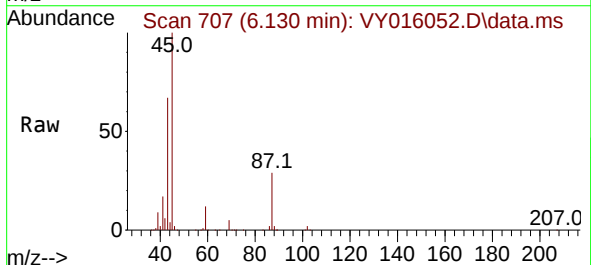
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

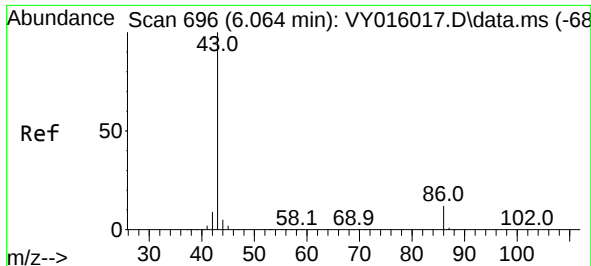
Tgt Ion: 96 Resp: 108269
Ion Ratio Lower Upper
96 100
61 136.4 110.2 165.4
98 69.1 51.8 77.6



#22
Diisopropyl ether
Concen: 48.103 ug/l
RT: 6.130 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 45 Resp: 315935
Ion Ratio Lower Upper
45 100
43 66.2 52.2 78.4
87 28.1 21.0 31.6
59 11.7 8.9 13.3

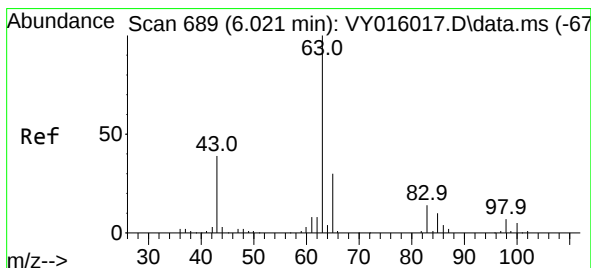
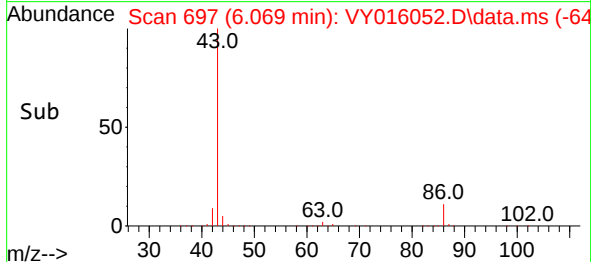
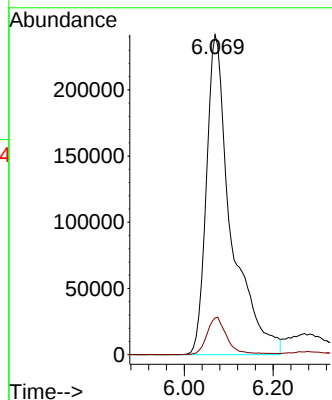
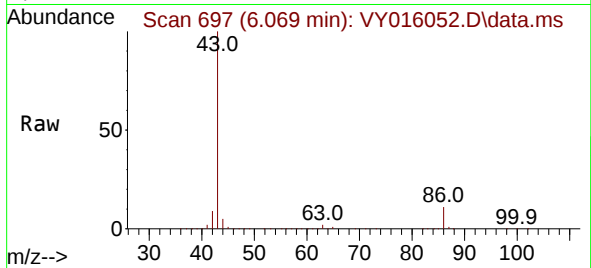




#23
 Vinyl Acetate
 Concen: 229.397 ug/l
 RT: 6.069 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY016052.D
 Acq: 19 Oct 2023 21:03

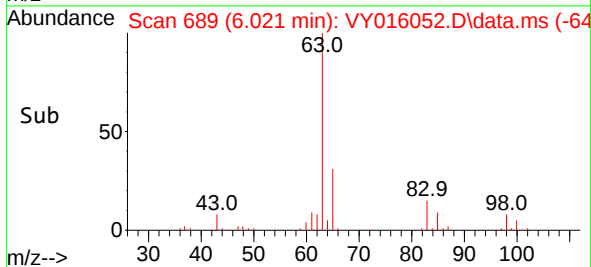
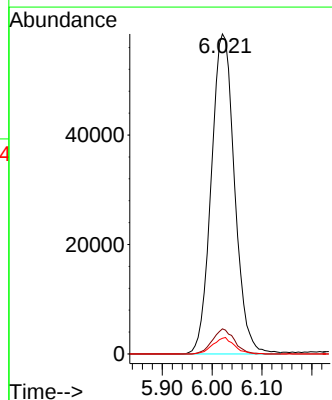
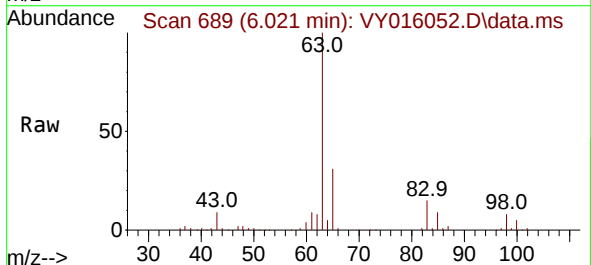
Instrument :
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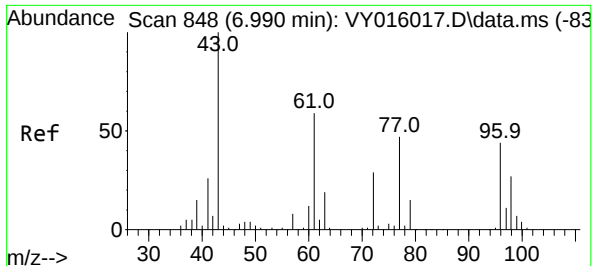
Tgt Ion: 43 Resp: 934584
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.714 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY016052.D
 Acq: 19 Oct 2023 21:03

Tgt Ion: 63 Resp: 189807
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 261.866 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

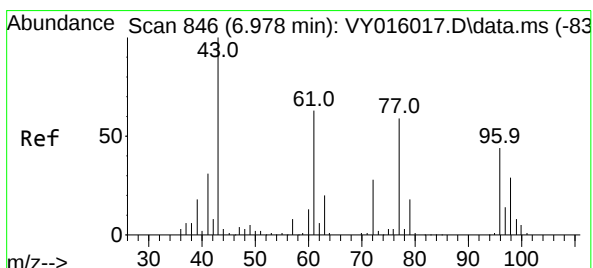
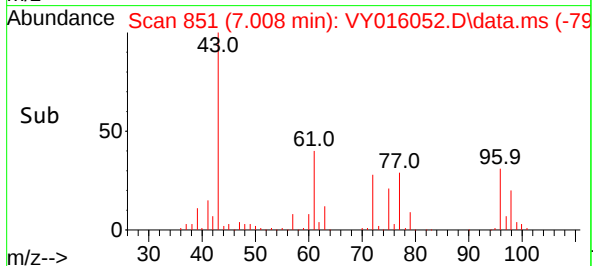
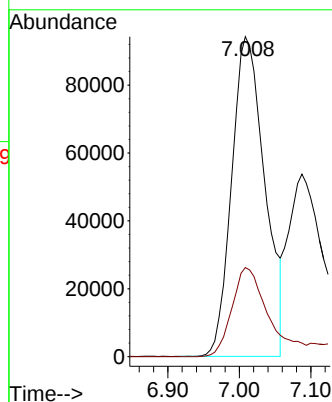
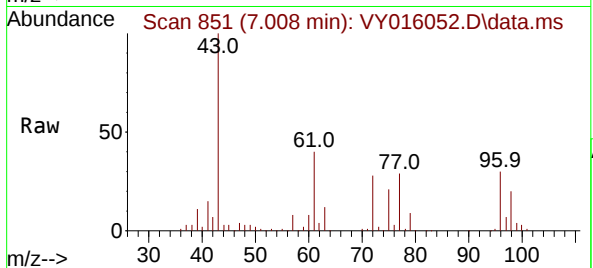
VSTDCCC050EC

Tgt Ion: 43 Resp: 303858

Ion Ratio Lower Upper

43 100

72 27.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 44.512 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016052.D

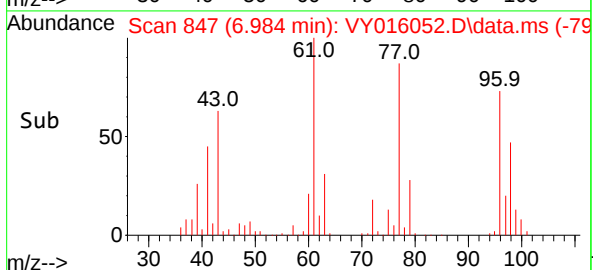
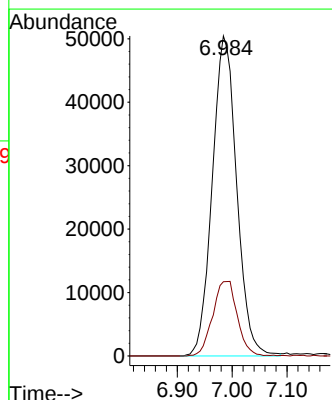
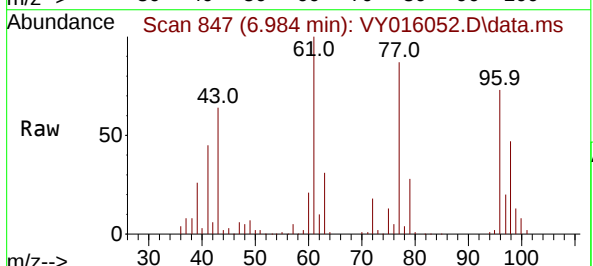
Acq: 19 Oct 2023 21:03

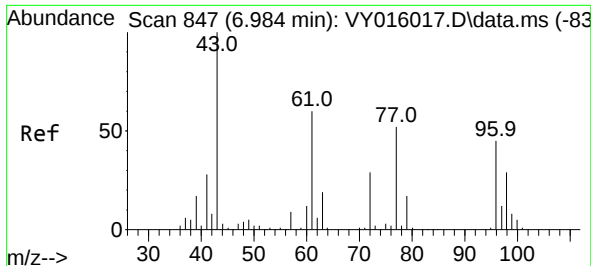
Tgt Ion: 77 Resp: 156046

Ion Ratio Lower Upper

77 100

97 23.6 10.9 32.9



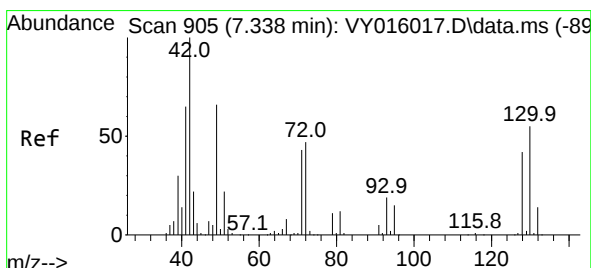
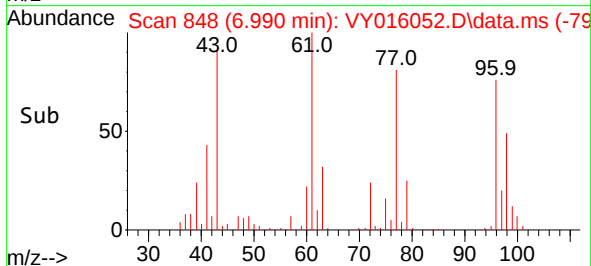
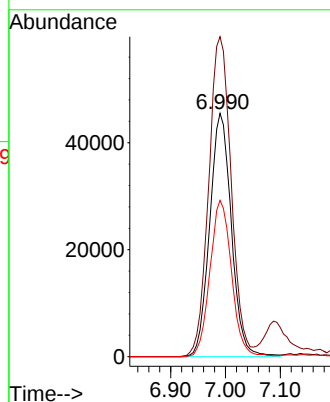
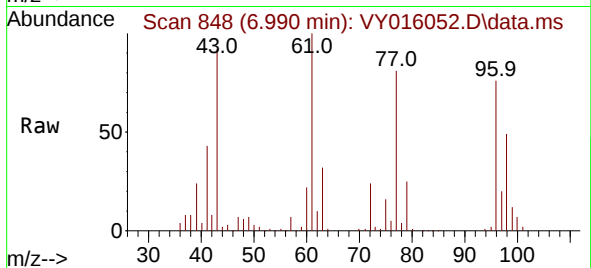


#27
 cis-1,2-Dichloroethene
 Concen: 48.286 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY016052.D
 Acq: 19 Oct 2023 21:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 124916

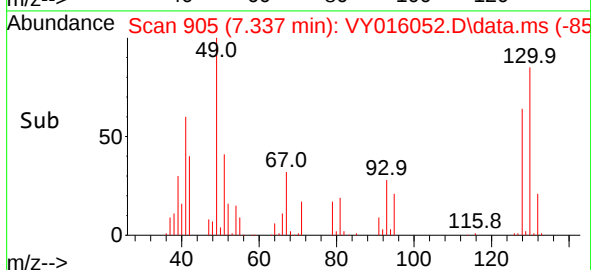
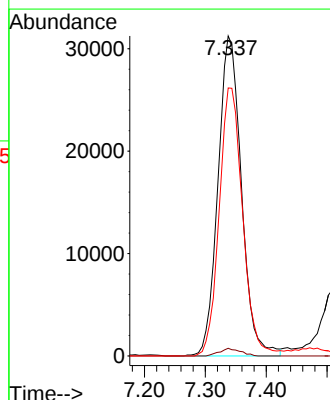
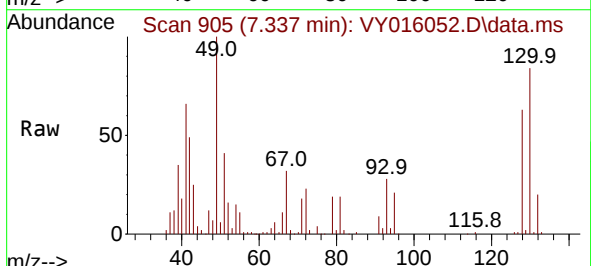
Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	301.4
98	63.9	0.0	130.4

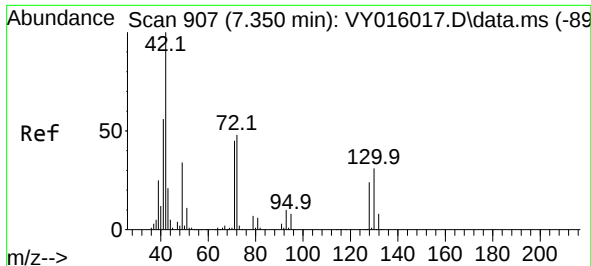


#28
 Bromochloromethane
 Concen: 50.196 ug/l
 RT: 7.337 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: VY016052.D
 Acq: 19 Oct 2023 21:03

Tgt Ion: 49 Resp: 83646

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	83.4	60.7	91.1





#29

Tetrahydrofuran

Concen: 299.932 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

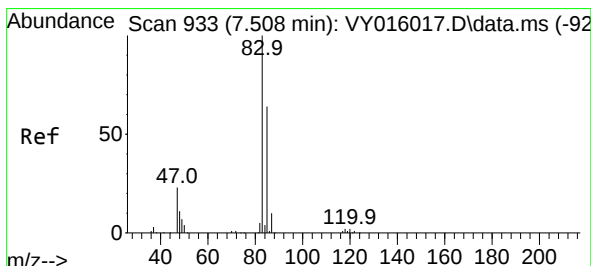
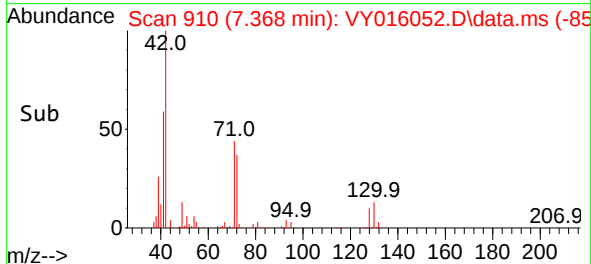
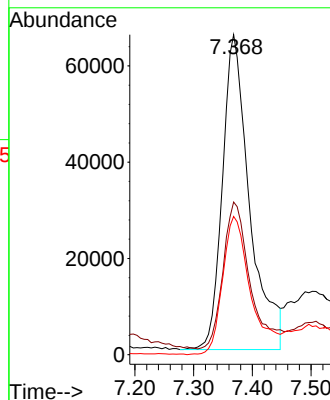
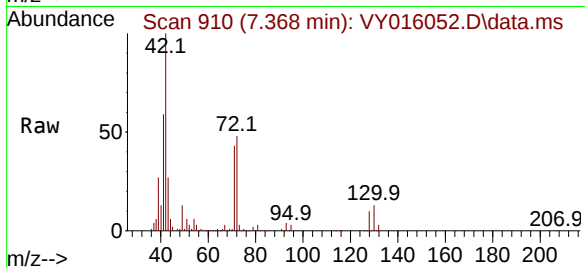
Tgt Ion: 42 Resp: 210661

Ion Ratio Lower Upper

42 100

72 46.8 32.8 49.2

71 45.5 31.0 46.4



#30

Chloroform

Concen: 48.371 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY016052.D

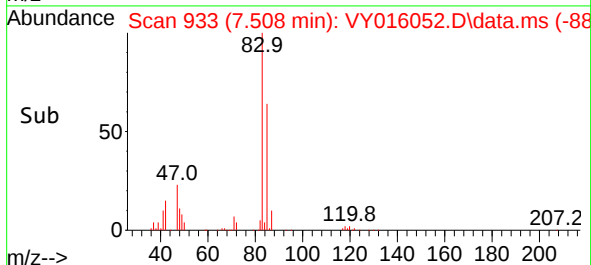
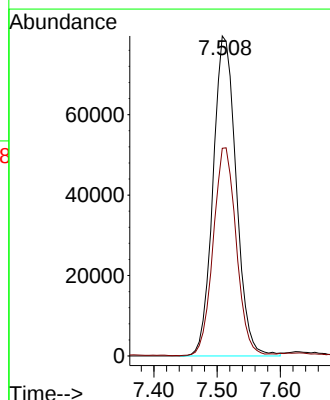
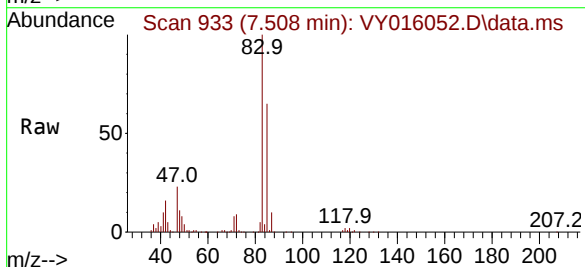
Acq: 19 Oct 2023 21:03

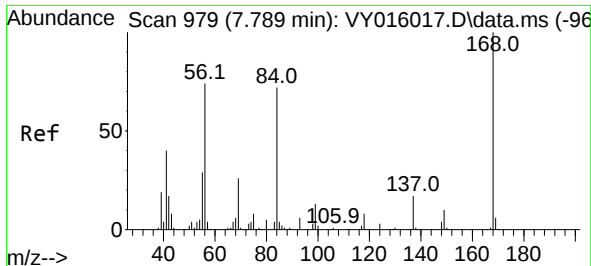
Tgt Ion: 83 Resp: 202081

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

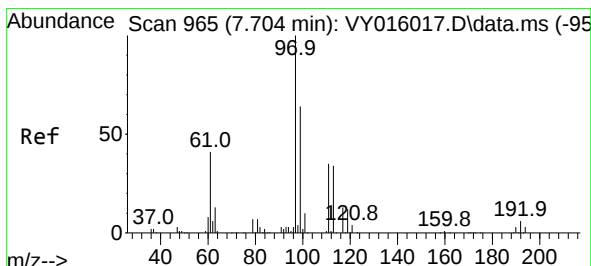
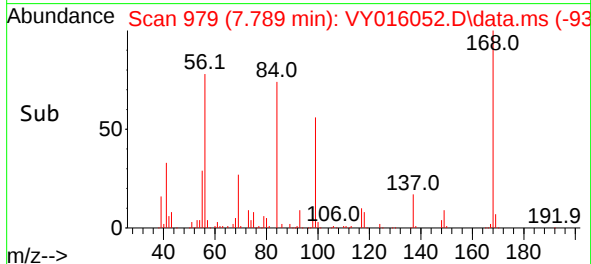
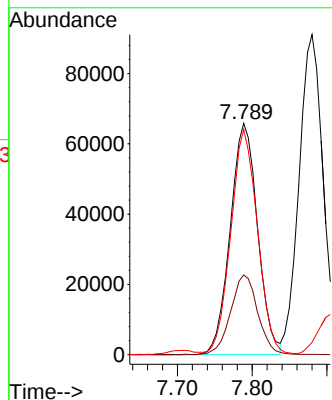
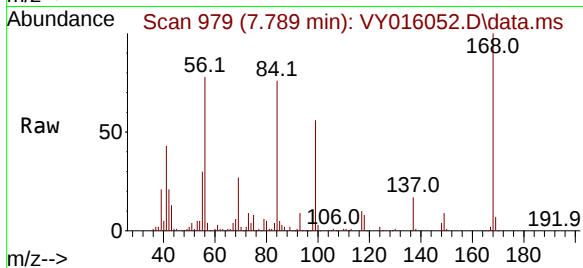




#31
Cyclohexane
Concen: 46.813 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

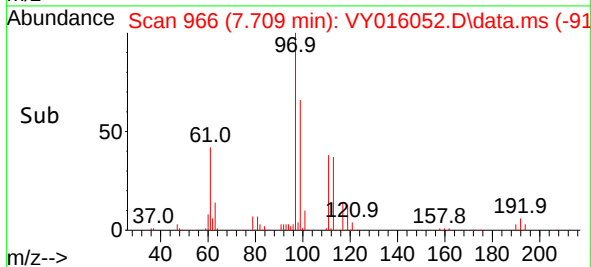
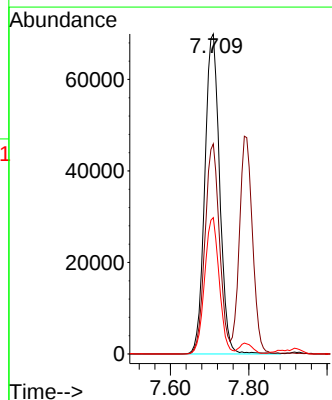
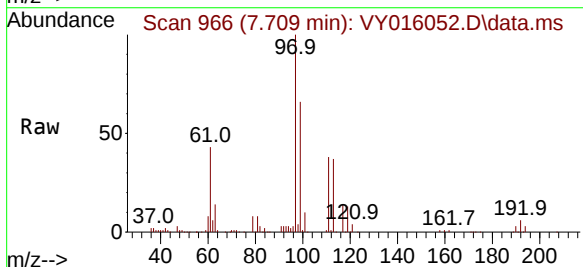
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

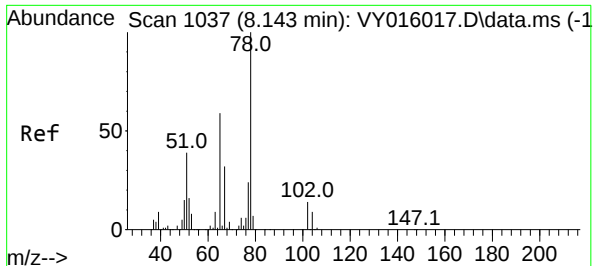
Tgt Ion: 56 Resp: 167448
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.6
84 95.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.147 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 97 Resp: 183711
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 41.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.365 ug/l

RT: 8.148 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

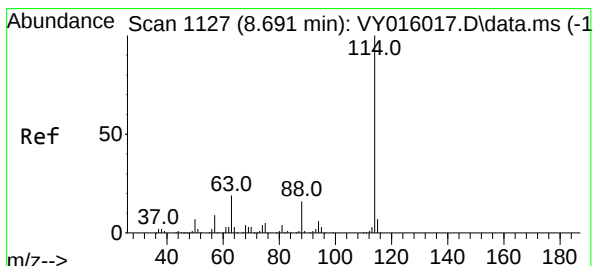
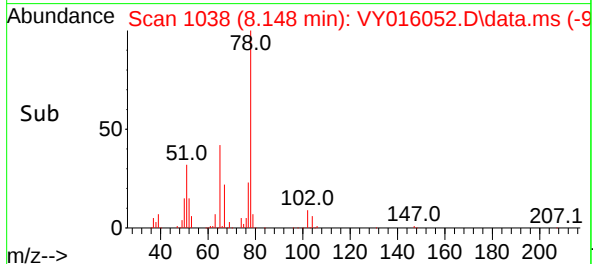
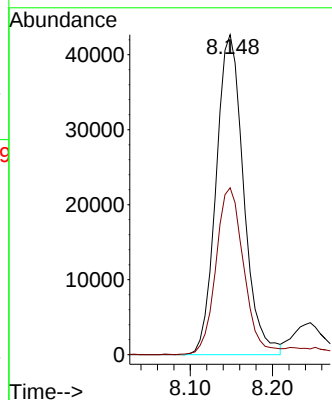
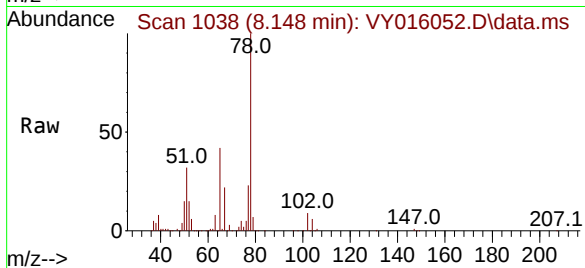
VSTDCCC050EC

Tgt Ion: 65 Resp: 99104

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

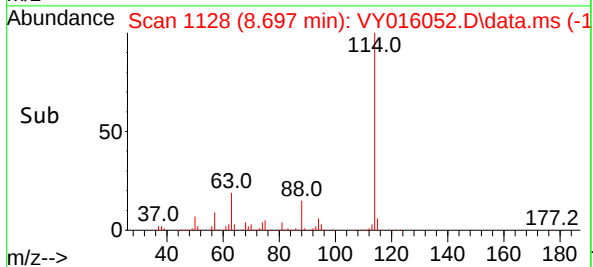
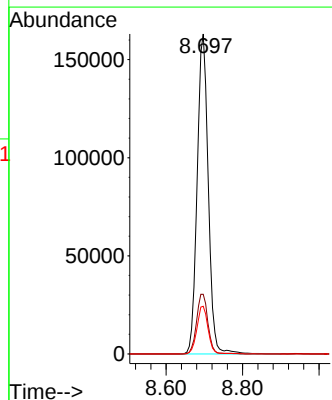
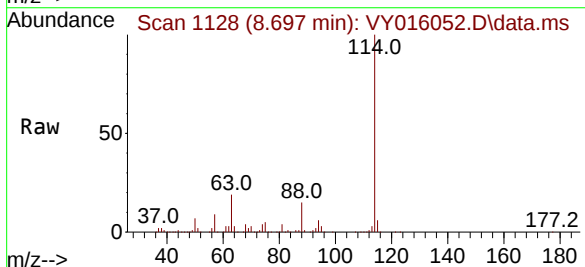
Tgt Ion: 114 Resp: 327903

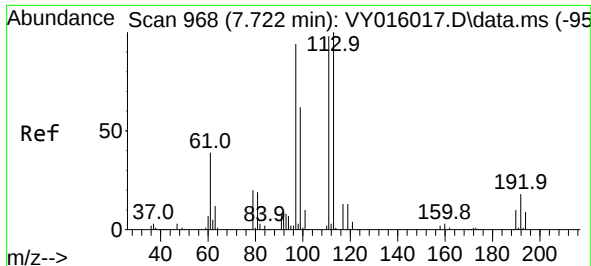
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.9 0.0 30.6

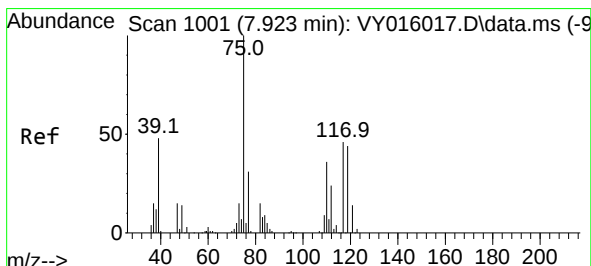
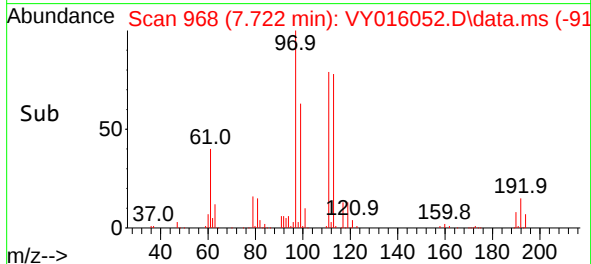
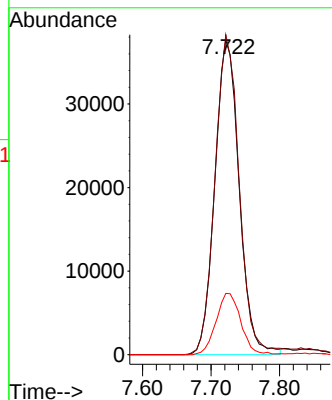
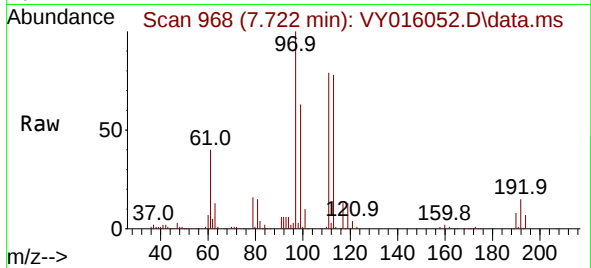




#35
Dibromofluoromethane
Concen: 43.024 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

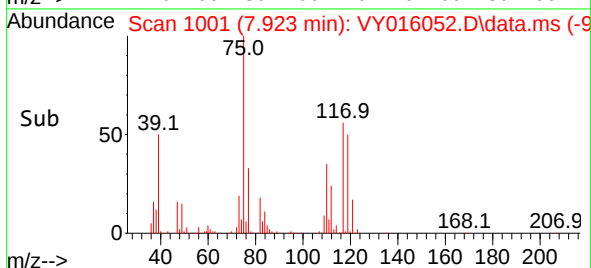
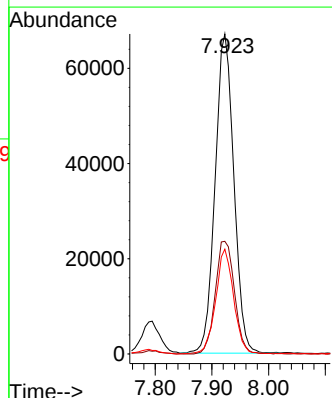
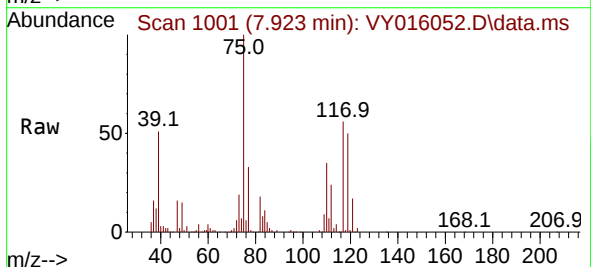
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

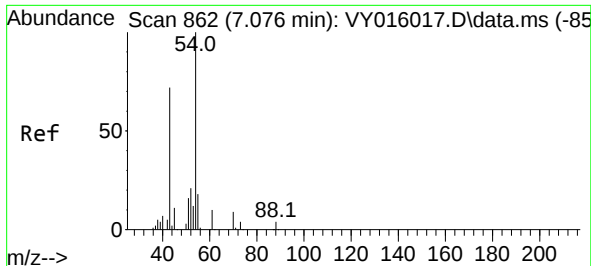
Tgt Ion:113 Resp: 92858
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.336 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 75 Resp: 153706
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 119.971 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.012 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

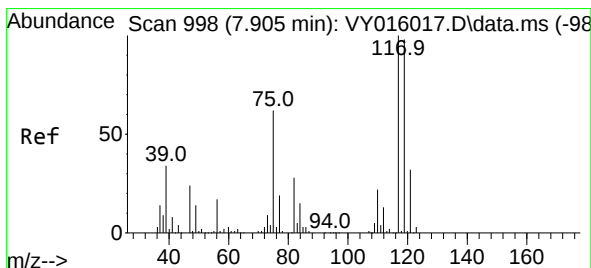
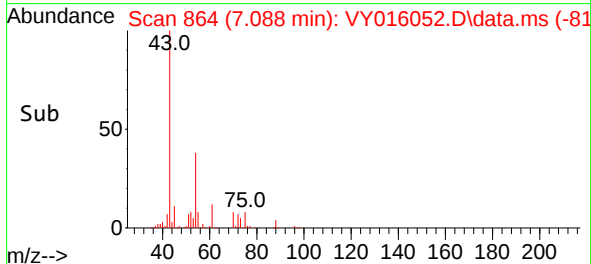
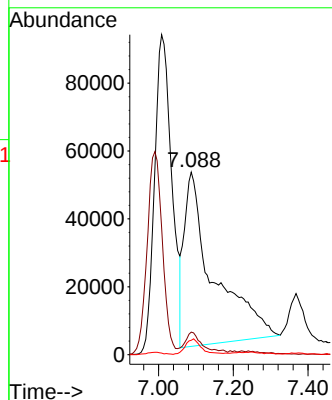
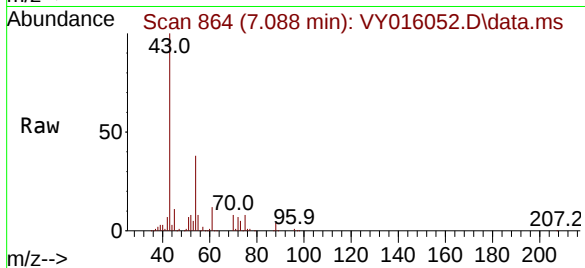
Tgt Ion: 43 Resp: 280808

Ion Ratio Lower Upper

43 100

61 6.7 10.1 15.1#

70 4.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 47.748 ug/l

RT: 7.904 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

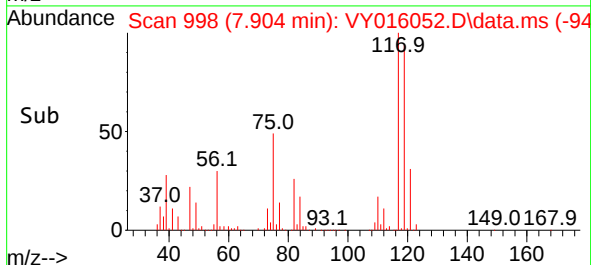
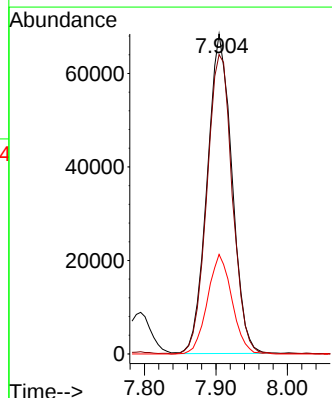
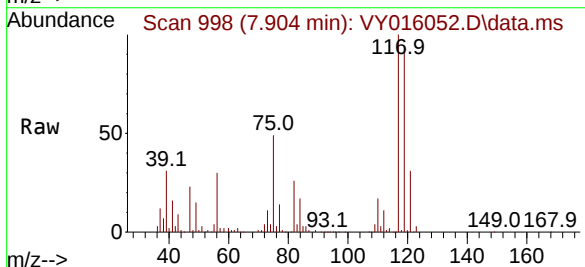
Tgt Ion: 117 Resp: 164789

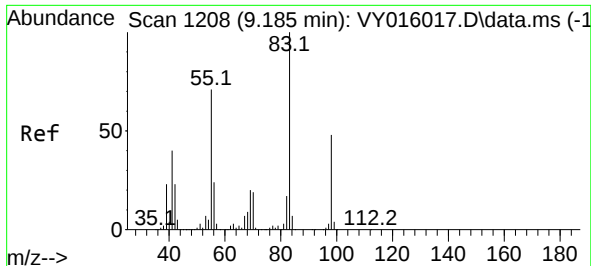
Ion Ratio Lower Upper

117 100

119 93.6 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 47.826 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

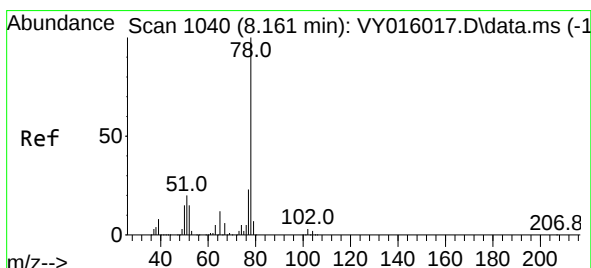
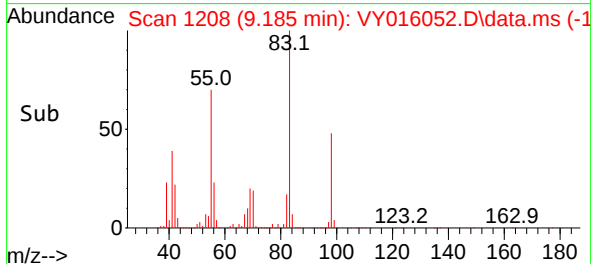
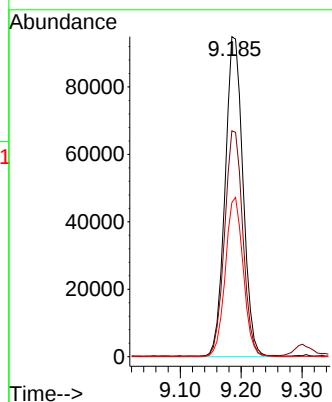
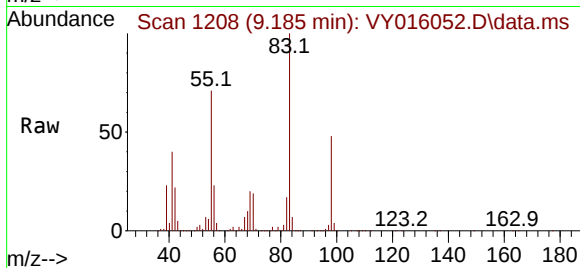
Tgt Ion: 83 Resp: 194079

Ion Ratio Lower Upper

83 100

55 70.3 63.0 94.4

98 48.2 37.4 56.2



#40

Benzene

Concen: 47.893 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY016052.D

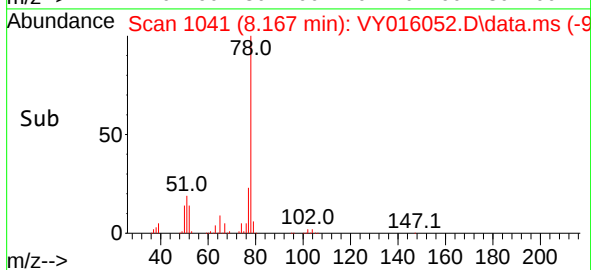
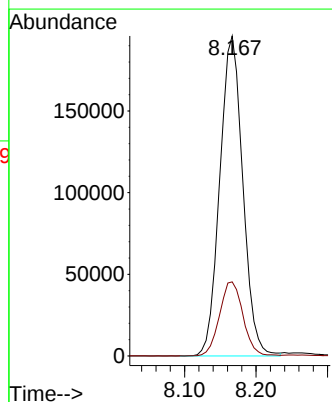
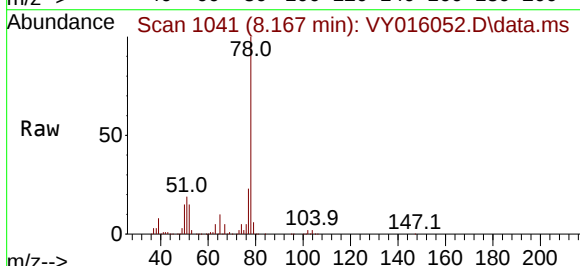
Acq: 19 Oct 2023 21:03

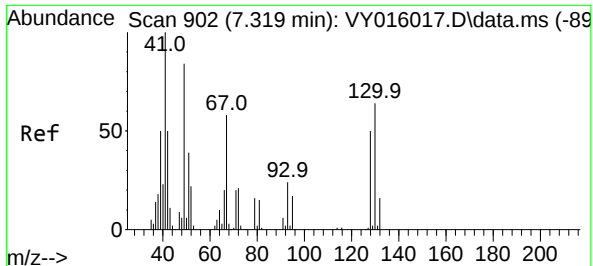
Tgt Ion: 78 Resp: 438307

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

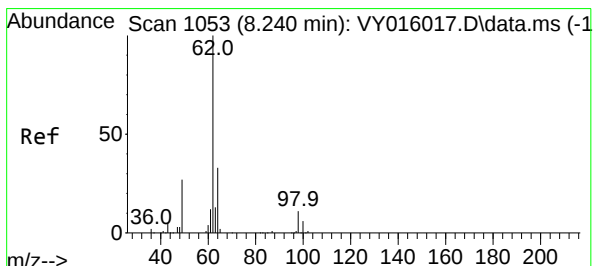
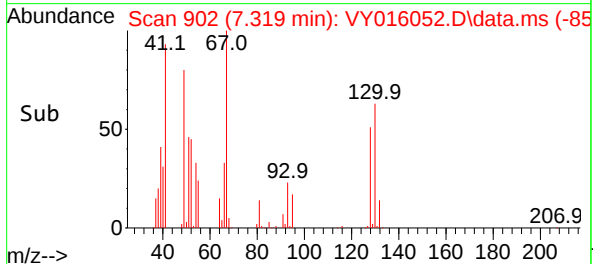
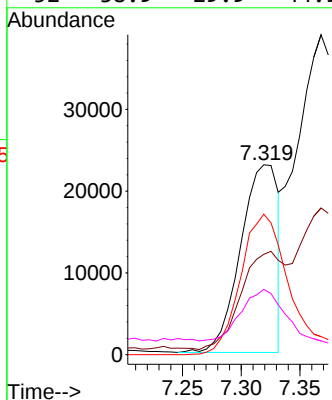
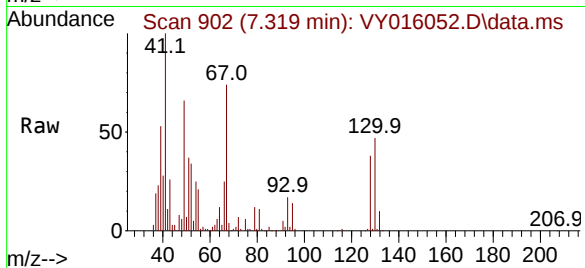




#41
Methacrylonitrile
Concen: 42.096 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

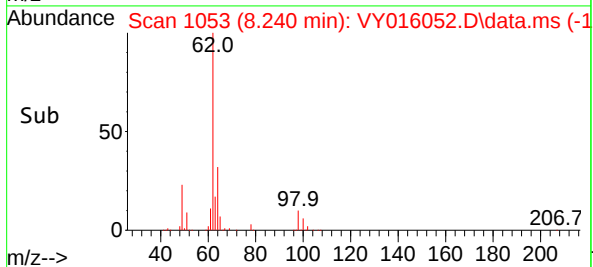
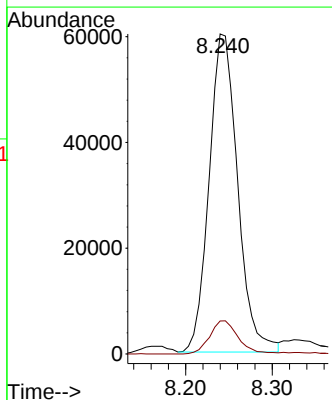
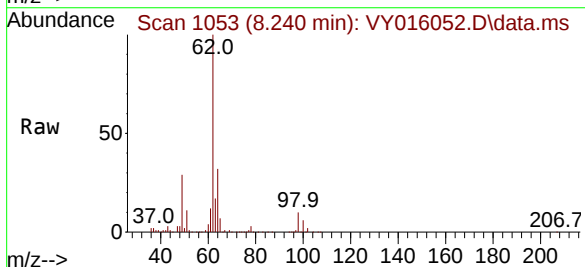
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

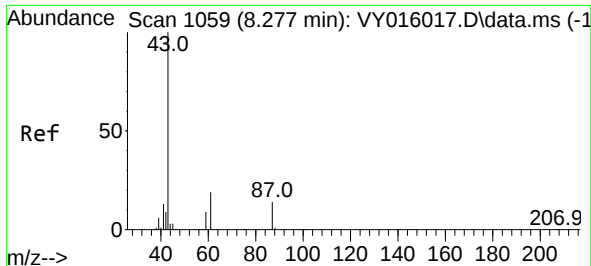
Tgt Ion:	41	Resp:	51113
Ion	Ratio	Lower	Upper
41	100		
39	59.5	52.1	78.1
67	101.4	66.2	99.2#
52	38.9	29.9	44.9



#42
1,2-Dichloroethane
Concen: 46.815 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion:	62	Resp:	138009
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	15.8





#43

Isopropyl Acetate

Concen: 50.284 ug/l

RT: 8.282 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

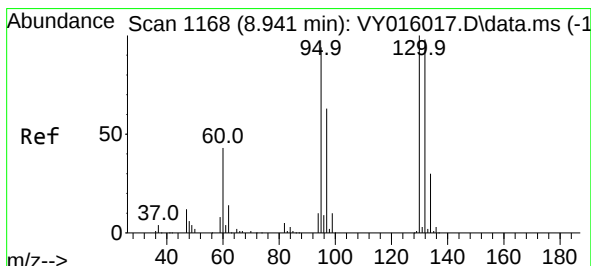
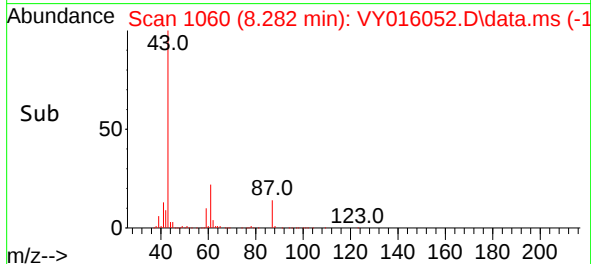
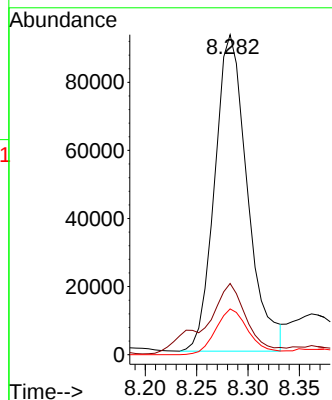
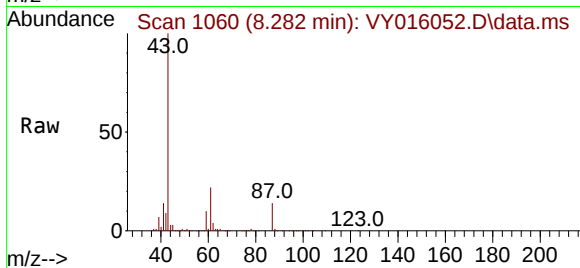
Tgt Ion: 43 Resp: 205776

Ion Ratio Lower Upper

43 100

61 28.3 21.1 31.7

87 14.7 9.8 14.8



#44

Trichloroethene

Concen: 52.906 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY016052.D

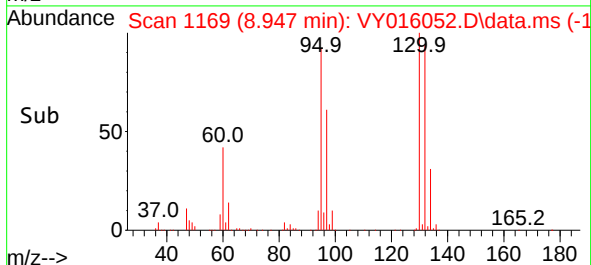
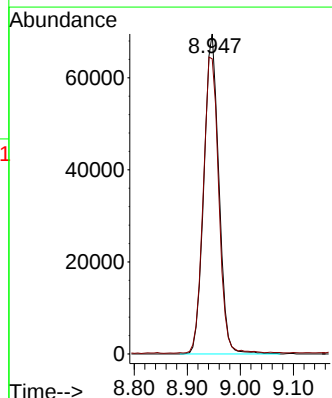
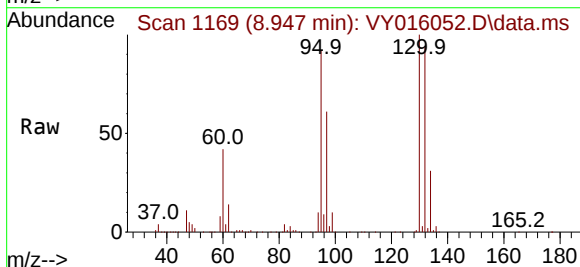
Acq: 19 Oct 2023 21:03

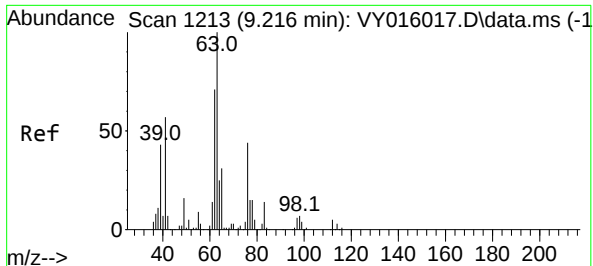
Tgt Ion: 130 Resp: 135760

Ion Ratio Lower Upper

130 100

95 91.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.300 ug/l

RT: 9.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

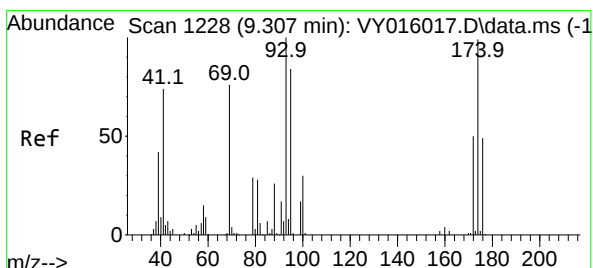
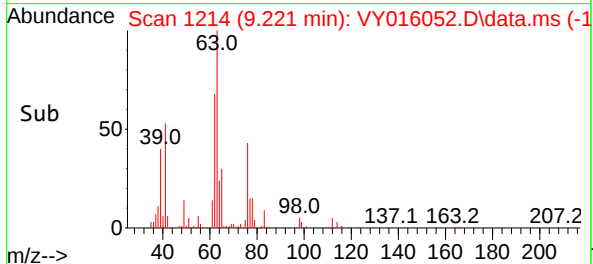
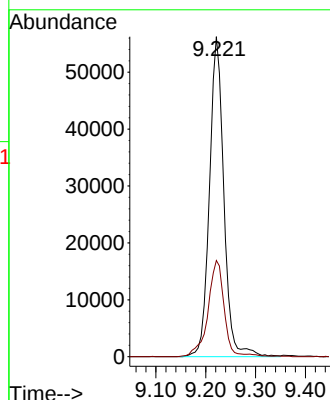
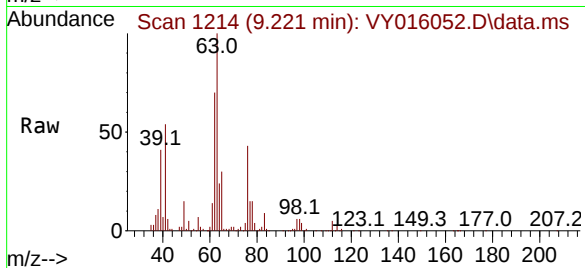
VSTDCCC050EC

Tgt Ion: 63 Resp: 112915

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6



#46

Dibromomethane

Concen: 52.699 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

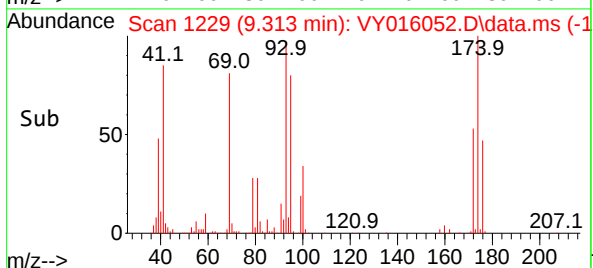
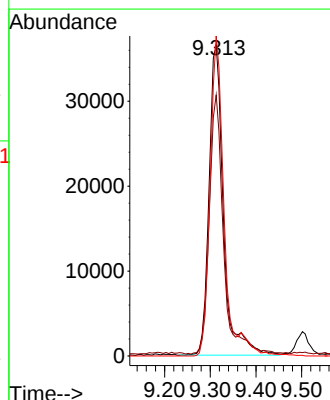
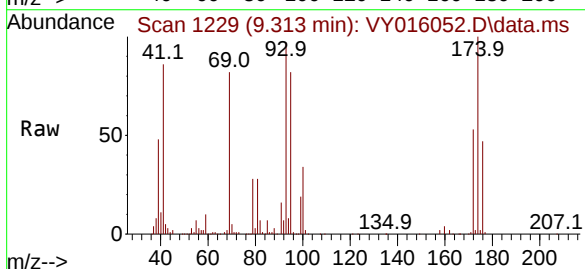
Tgt Ion: 93 Resp: 80130

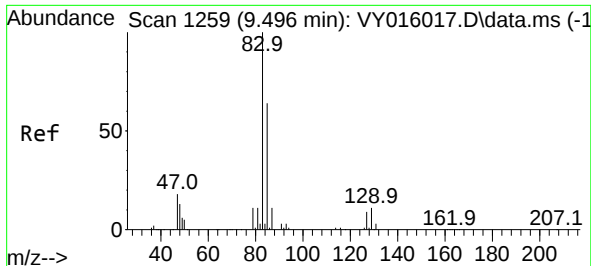
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 93.8 84.8 127.2

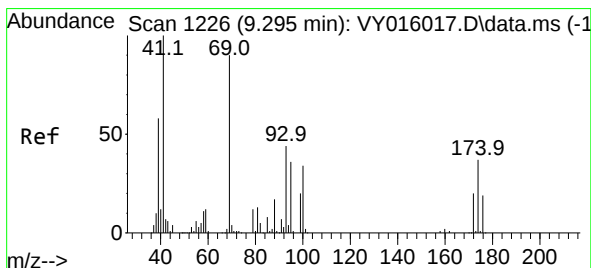
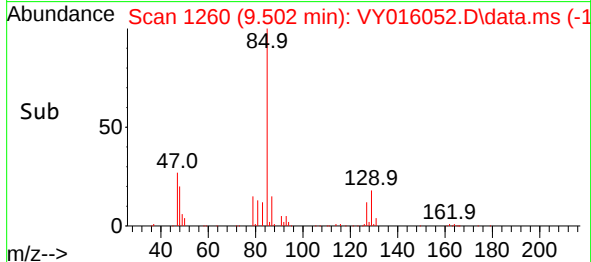
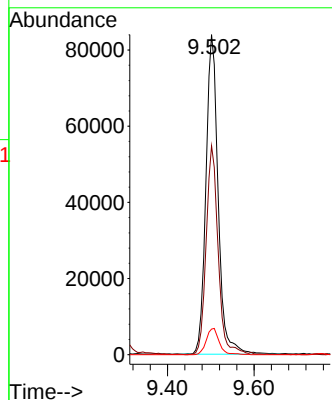
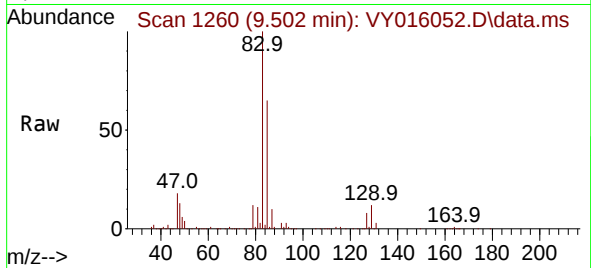




#47
Bromodichloromethane
Concen: 49.455 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

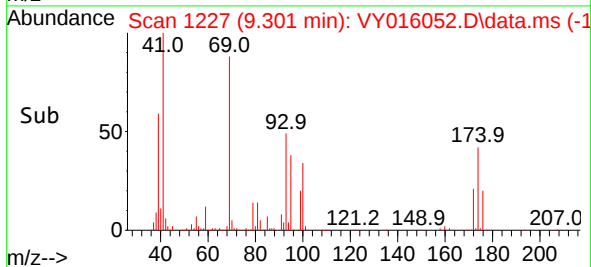
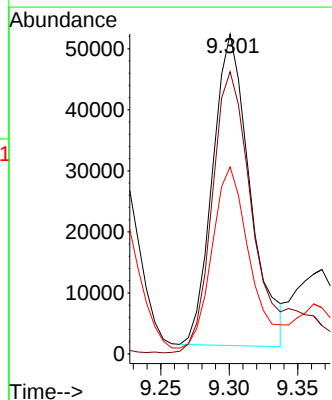
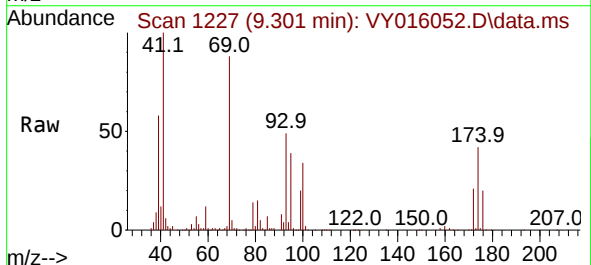
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

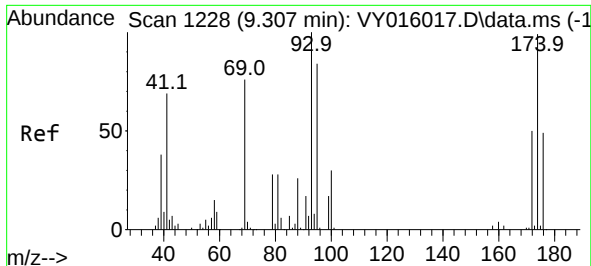
Tgt Ion: 83 Resp: 164814
Ion Ratio Lower Upper
83 100
85 65.3 50.1 75.1
127 8.0 7.1 10.7



#48
Methyl methacrylate
Concen: 52.071 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 41 Resp: 96995
Ion Ratio Lower Upper
41 100
69 112.7 64.5 96.7#
39 59.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1796.846 ug/l

RT: 9.368 min Scan# 1

Delta R.T. 0.061 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

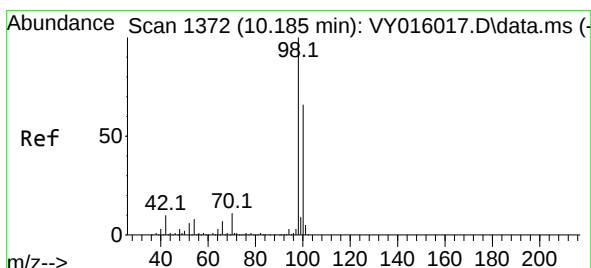
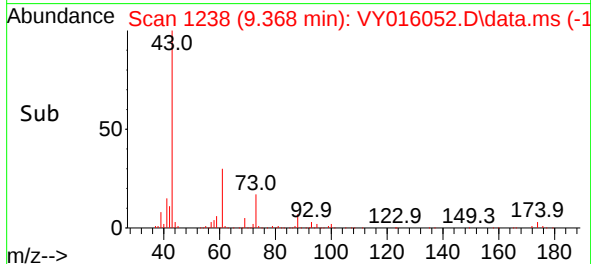
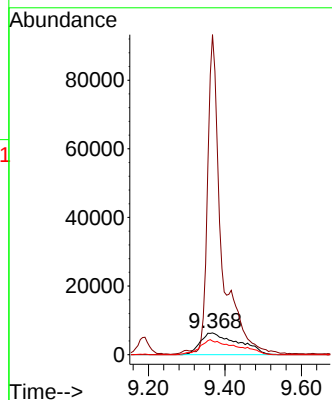
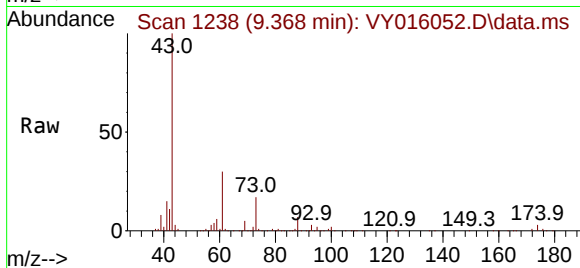
Tgt Ion: 88 Resp: 43505

Ion Ratio Lower Upper

88 100

43 535.3 0.0 0.0#

58 65.7 30.9 46.3#



#50

Toluene-d8

Concen: 44.075 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY016052.D

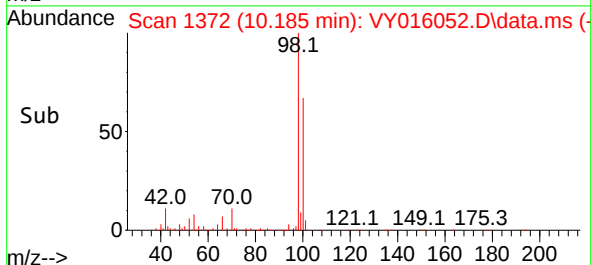
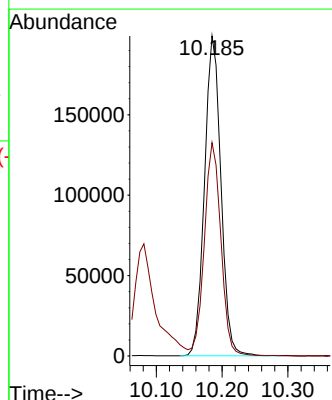
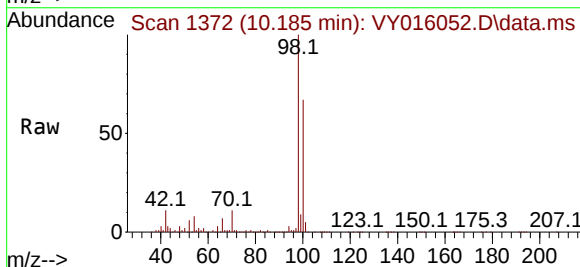
Acq: 19 Oct 2023 21:03

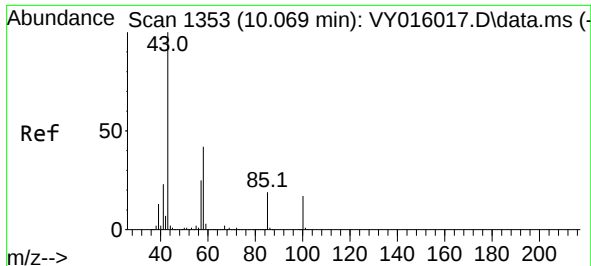
Tgt Ion: 98 Resp: 345483

Ion Ratio Lower Upper

98 100

100 66.9 50.1 75.1

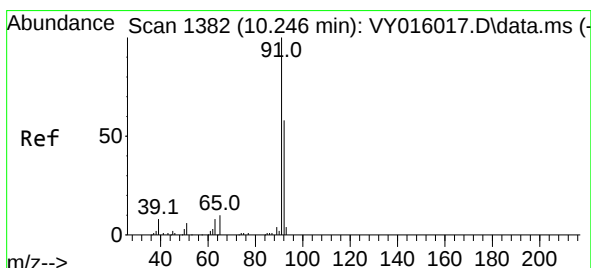
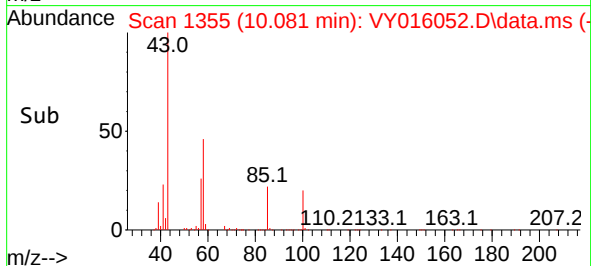
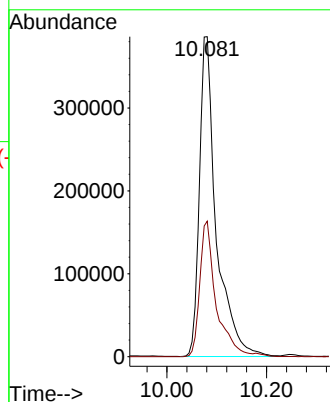
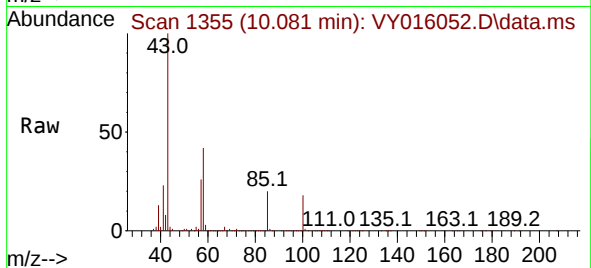




#51
4-Methyl-2-Pentanone
Concen: 384.541 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.012 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

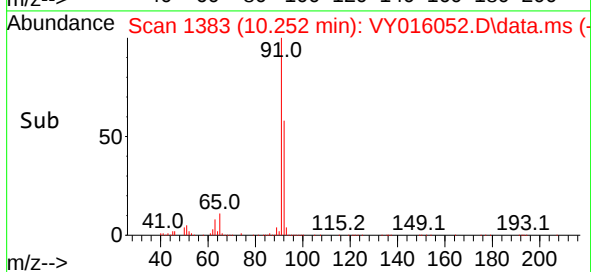
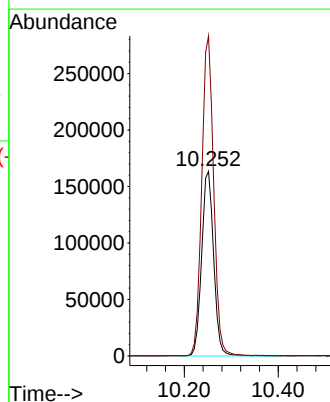
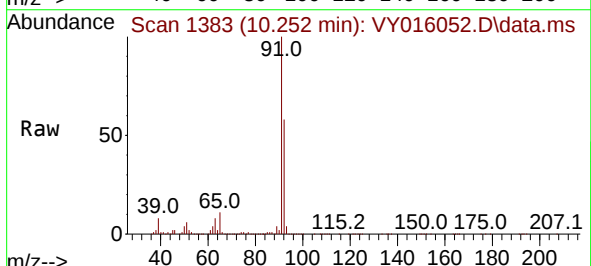
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

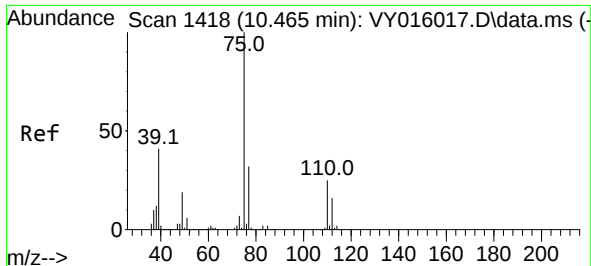
Tgt Ion: 43 Resp: 904934
Ion Ratio Lower Upper
43 100
58 41.5 29.0 43.6



#52
Toluene
Concen: 48.736 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 92 Resp: 289295
Ion Ratio Lower Upper
92 100
91 172.1 143.8 215.6

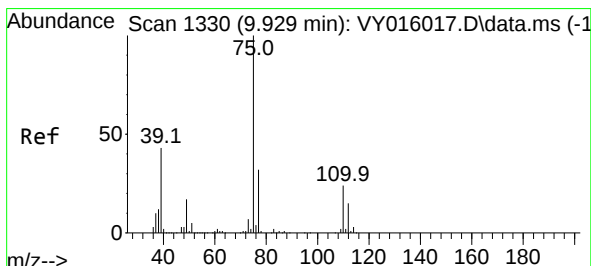
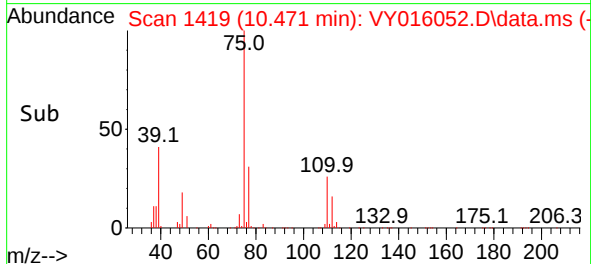
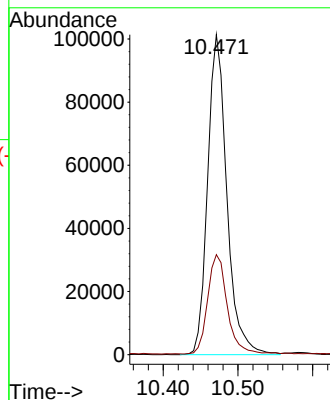
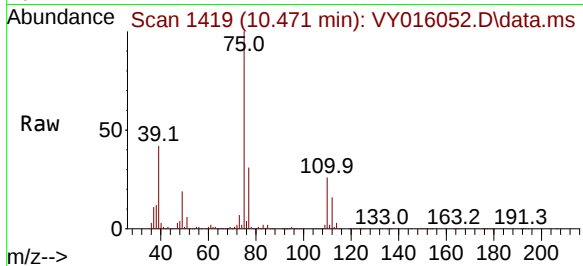




#53
 t-1,3-Dichloropropene
 Concen: 50.127 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY016052.D
 Acq: 19 Oct 2023 21:03

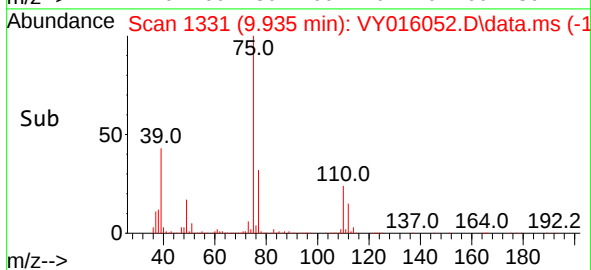
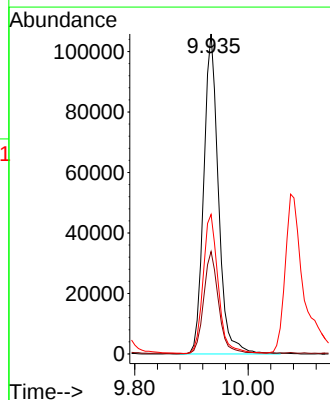
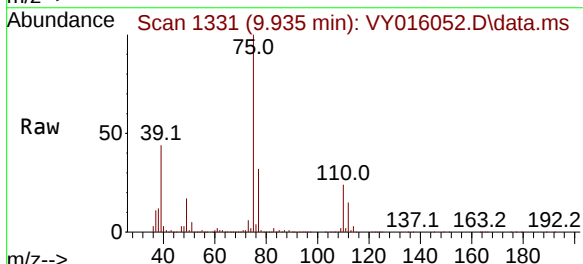
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

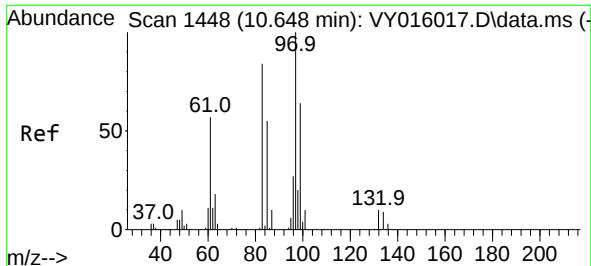
Tgt Ion: 75 Resp: 180967
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.478 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY016052.D
 Acq: 19 Oct 2023 21:03

Tgt Ion: 75 Resp: 190773
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 43.3 42.2 63.4



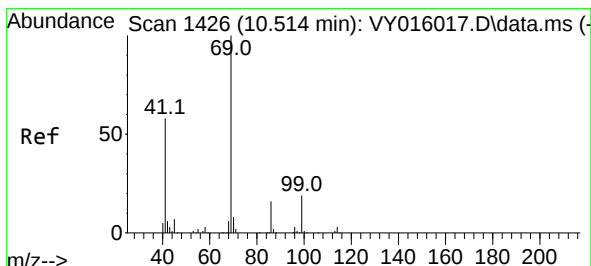
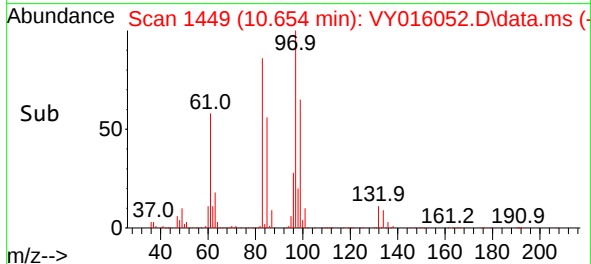
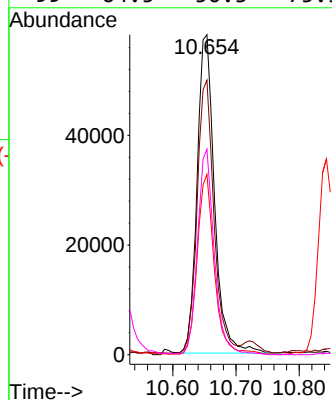
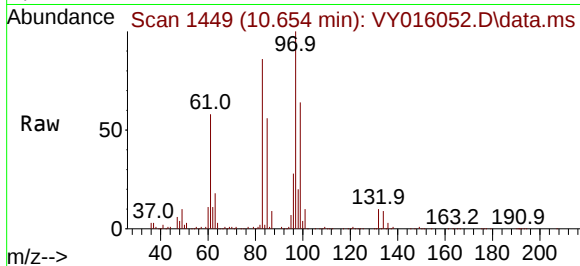


#55
1,1,2-Trichloroethane
Concen: 53.419 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 111589

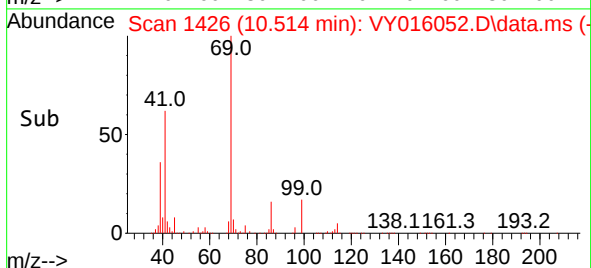
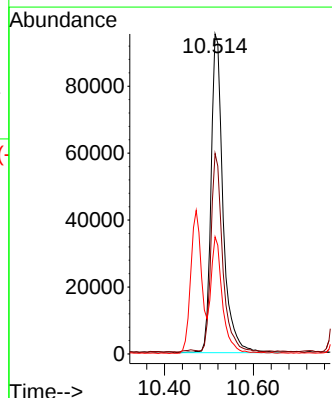
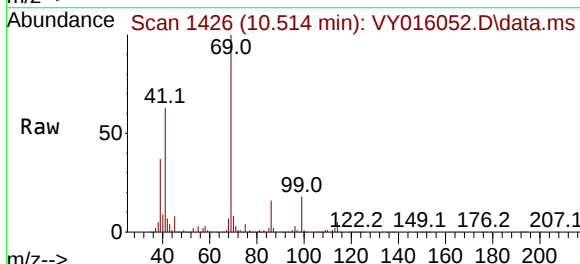
Ion	Ratio	Lower	Upper
97	100		
83	85.6	72.0	108.0
85	56.6	45.4	68.0
99	64.5	50.3	75.5

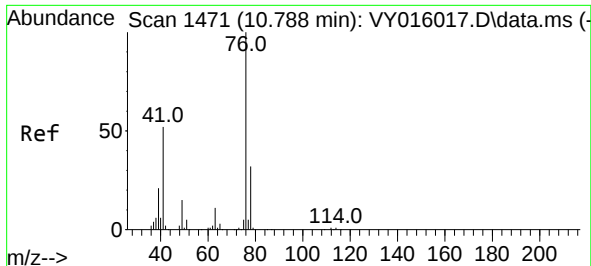


#56
Ethyl methacrylate
Concen: 58.595 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 69 Resp: 178883

Ion	Ratio	Lower	Upper
69	100		
41	60.4	57.6	86.4
39	34.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 52.531 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

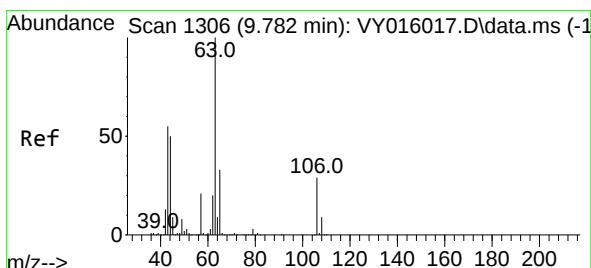
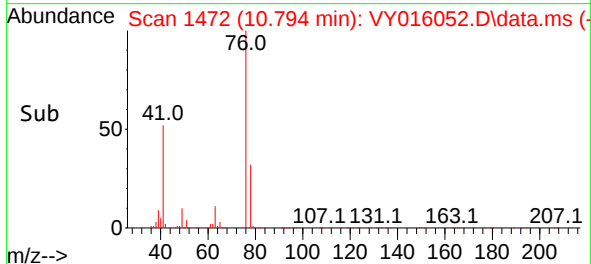
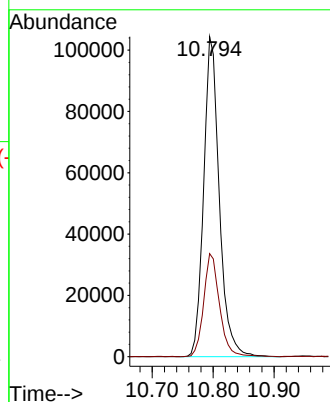
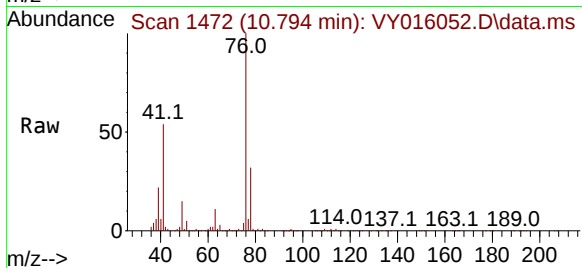
VSTDCCC050EC

Tgt Ion: 76 Resp: 186158

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 288.055 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY016052.D

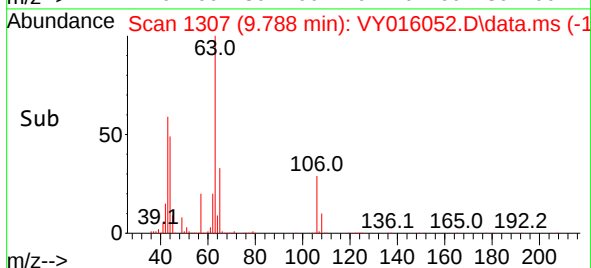
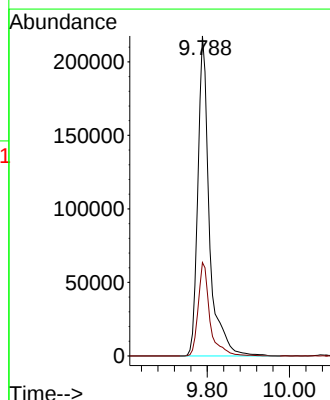
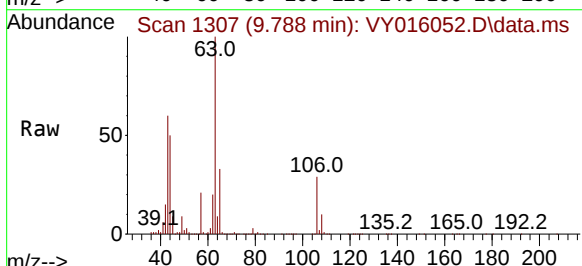
Acq: 19 Oct 2023 21:03

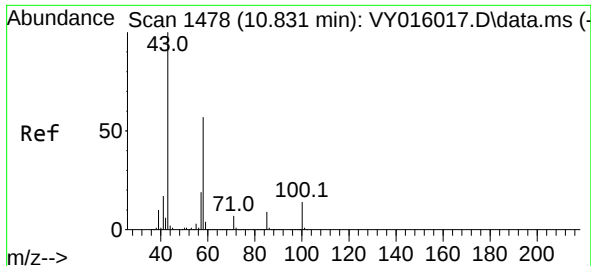
Tgt Ion: 63 Resp: 422392

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8





#59

2-Hexanone

Concen: 420.829 ug/l

RT: 10.843 min Scan# 1478

Delta R.T. 0.012 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

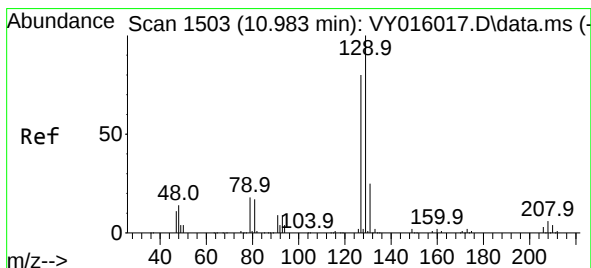
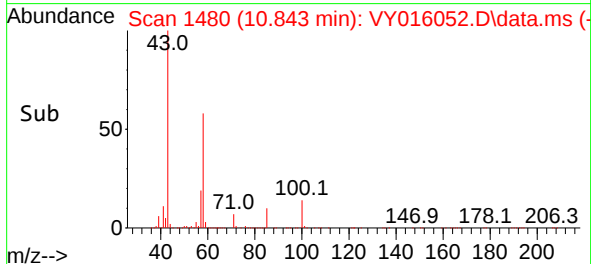
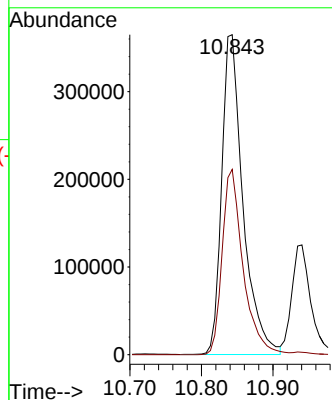
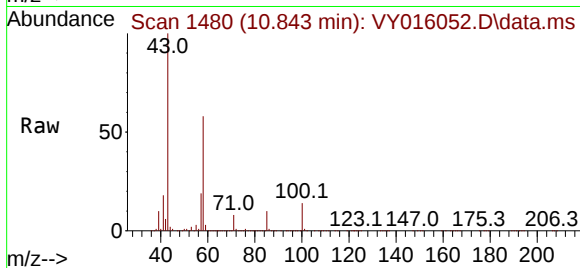
VSTDCCC050EC

Tgt Ion: 43 Resp: 753465

Ion Ratio Lower Upper

43 100

58 57.1 25.1 75.3



#60

Dibromochloromethane

Concen: 51.913 ug/l

RT: 10.989 min Scan# 1504

Delta R.T. 0.006 min

Lab File: VY016052.D

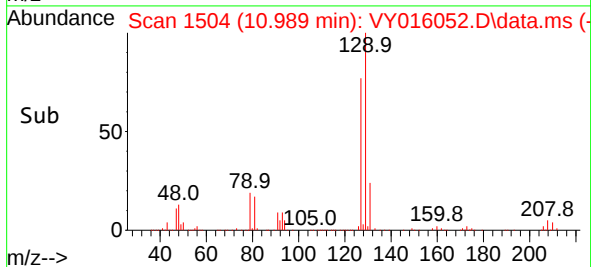
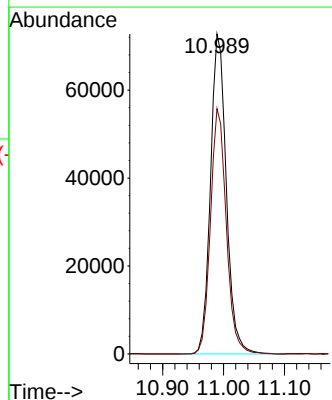
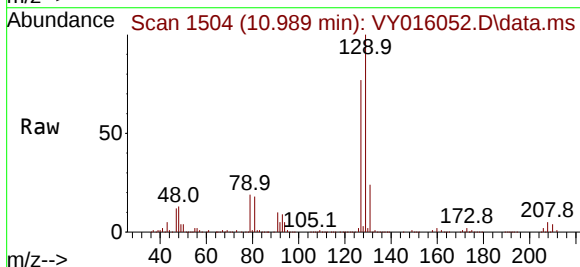
Acq: 19 Oct 2023 21:03

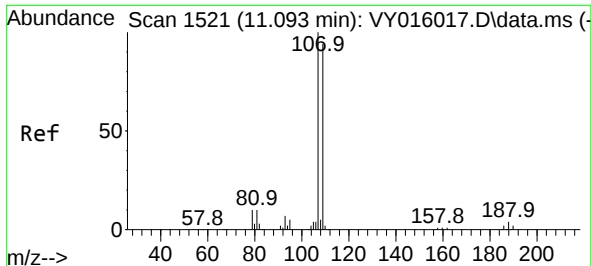
Tgt Ion: 129 Resp: 131150

Ion Ratio Lower Upper

129 100

127 76.8 38.5 115.5

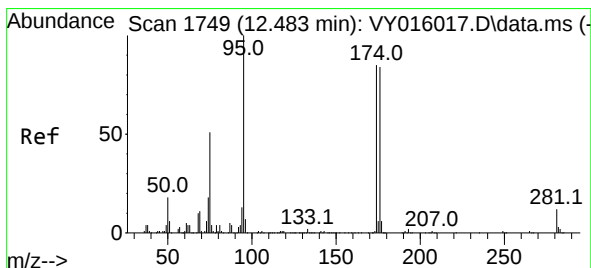
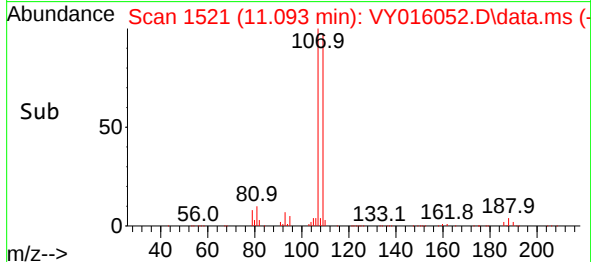
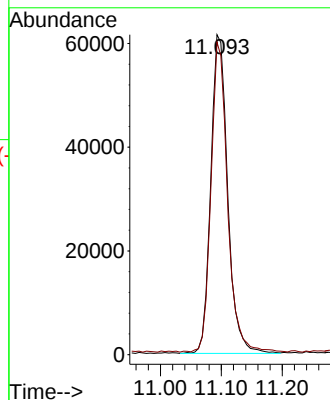
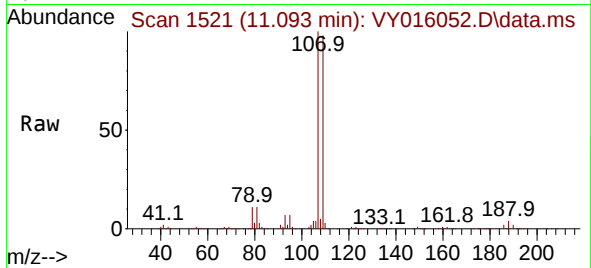




#61
1,2-Dibromoethane
Concen: 55.837 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

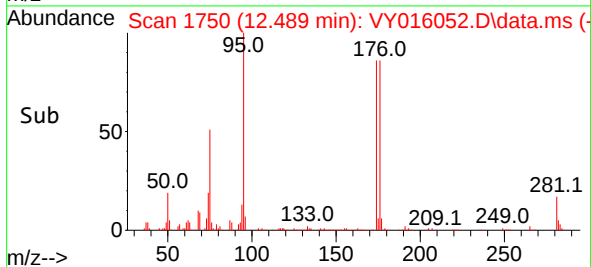
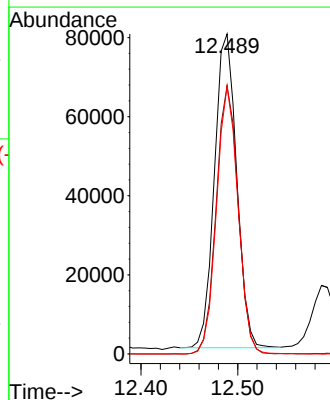
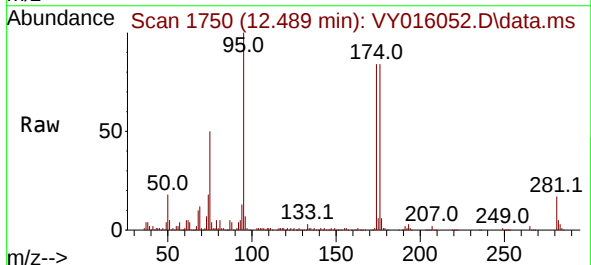
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

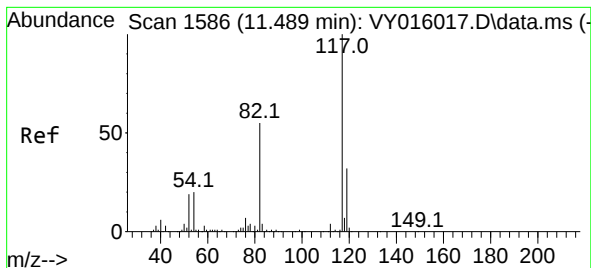
Tgt Ion:107 Resp: 118705
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.153 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 95 Resp: 126289
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

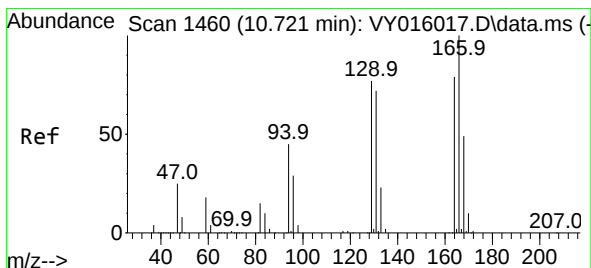
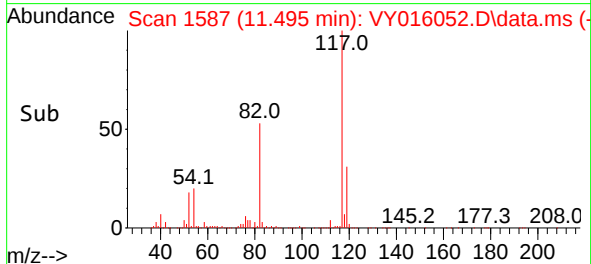
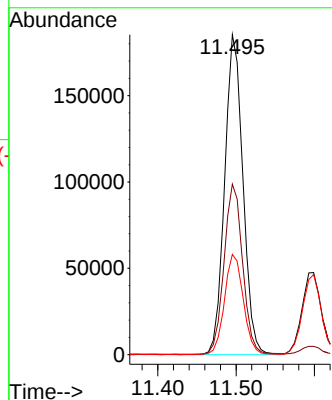
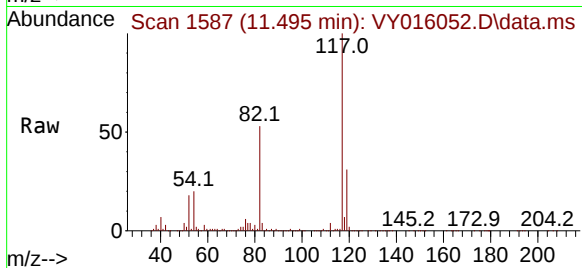
Tgt Ion:117 Resp: 300767

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 31.3 26.3 39.5



#64

Tetrachloroethene

Concen: 55.650 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Tgt Ion:164 Resp: 129787

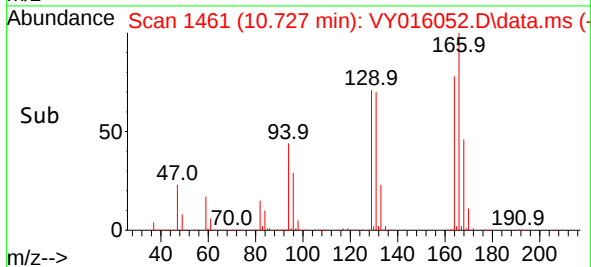
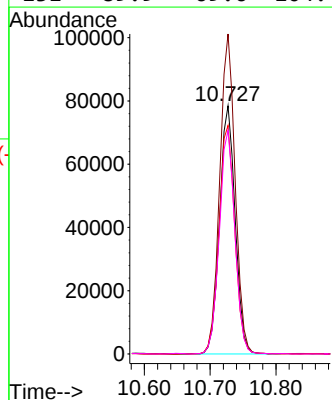
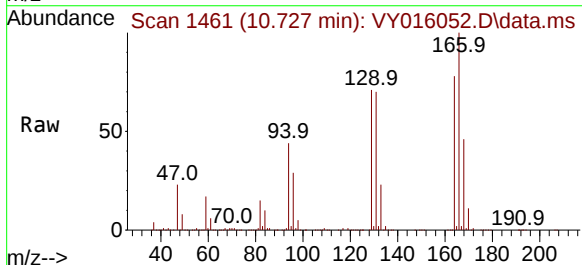
Ion Ratio Lower Upper

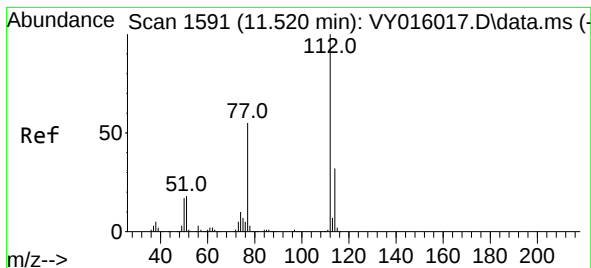
164 100

166 128.8 103.0 154.6

129 92.0 77.2 115.8

131 89.9 69.6 104.4

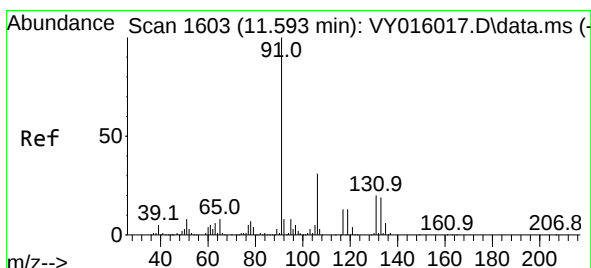
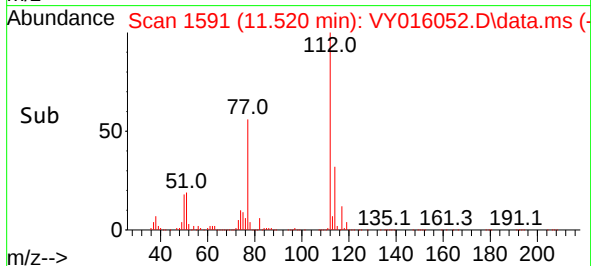
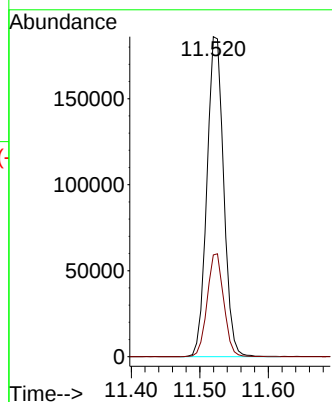
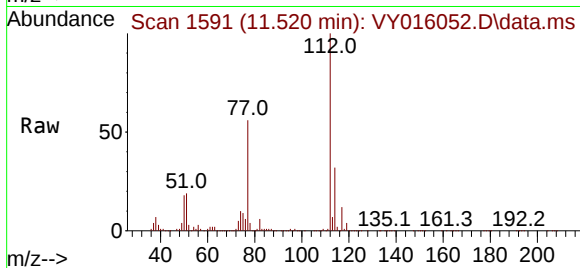




#65
Chlorobenzene
Concen: 48.589 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

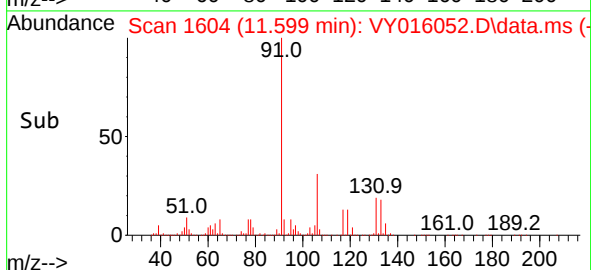
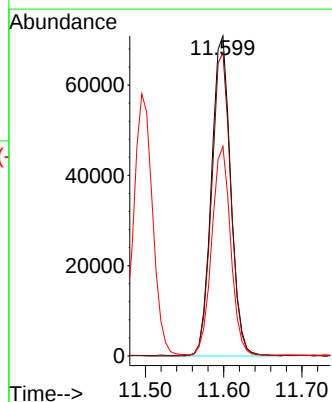
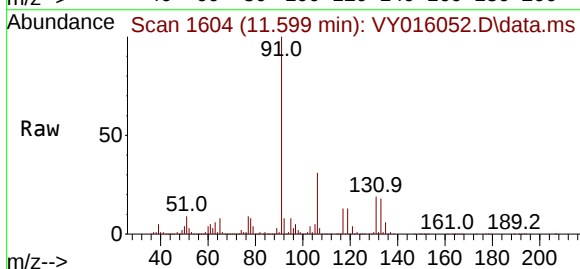
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

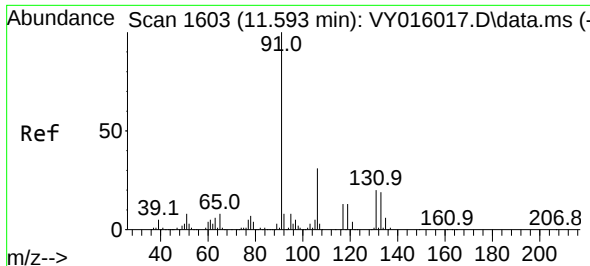
Tgt Ion:112 Resp: 316494
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.215 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion:131 Resp: 120830
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 64.1 31.6 94.7

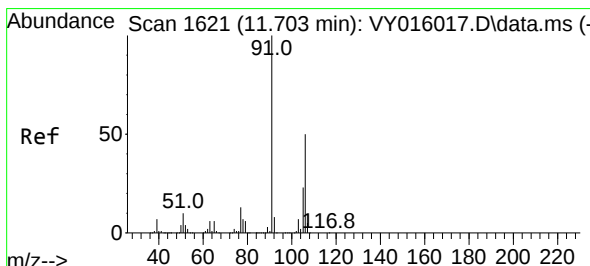
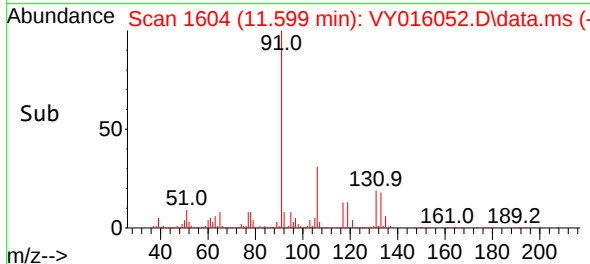
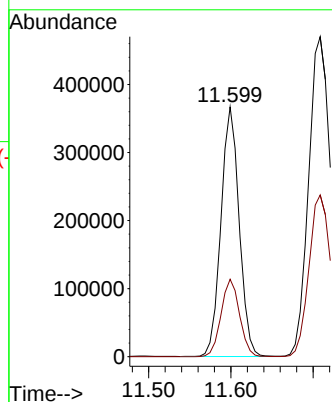
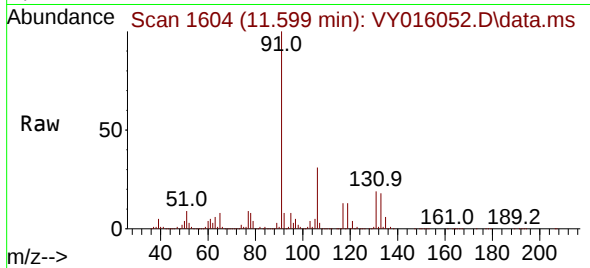




#67
Ethyl Benzene
Concen: 48.858 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

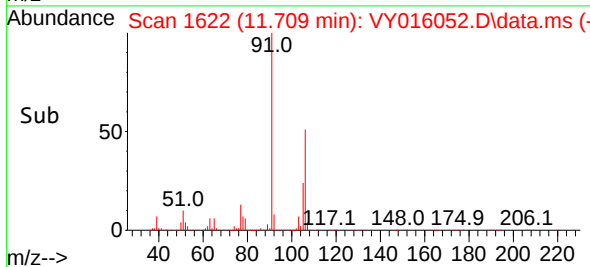
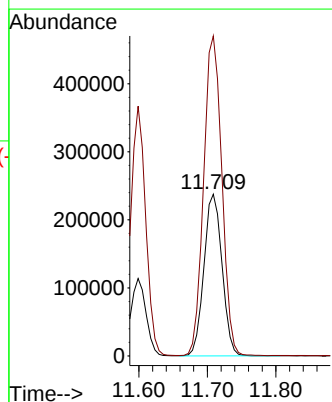
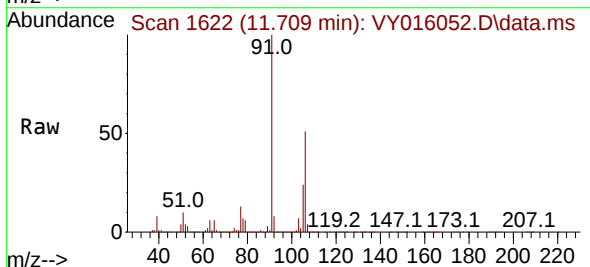
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

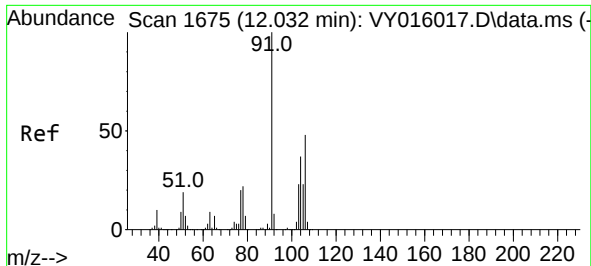
Tgt Ion: 91 Resp: 563145
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 97.134 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion:106 Resp: 436579
Ion Ratio Lower Upper
106 100
91 198.6 166.1 249.1

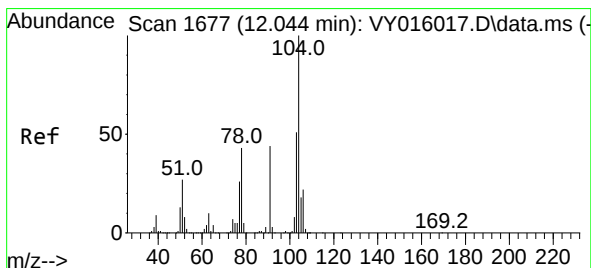
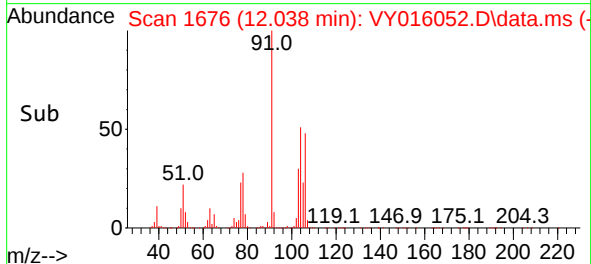
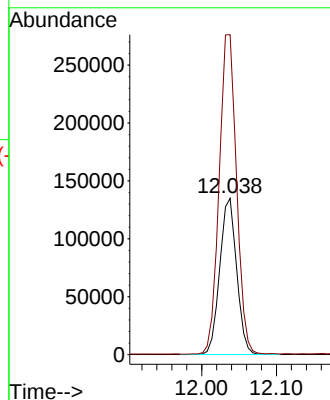
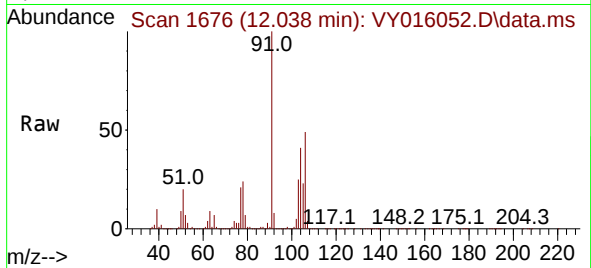




#69
o-Xylene
Concen: 49.554 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

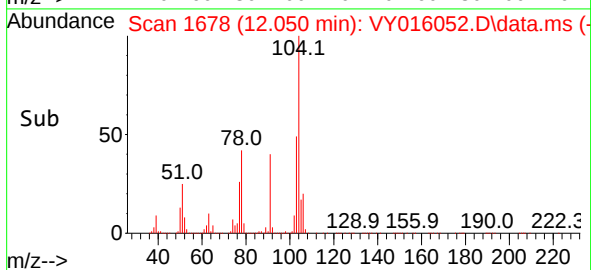
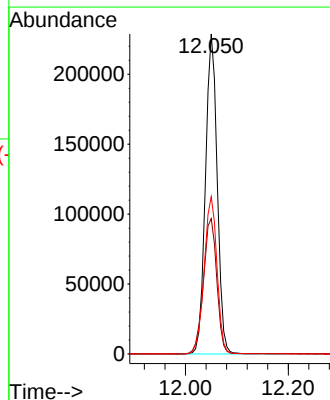
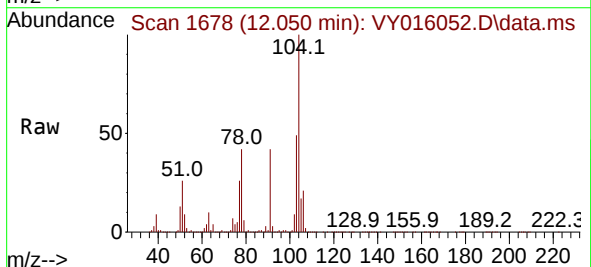
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

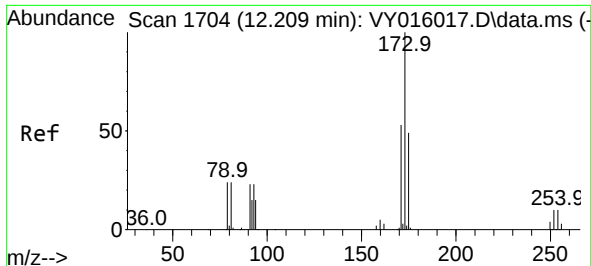
Tgt Ion:106 Resp: 211886
Ion Ratio Lower Upper
106 100
91 210.3 108.1 324.3



#70
Styrene
Concen: 49.814 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion:104 Resp: 363026
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 53.7 44.6 67.0

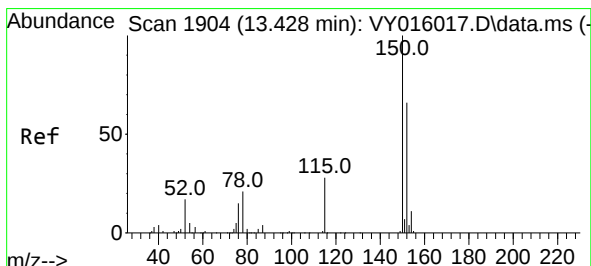
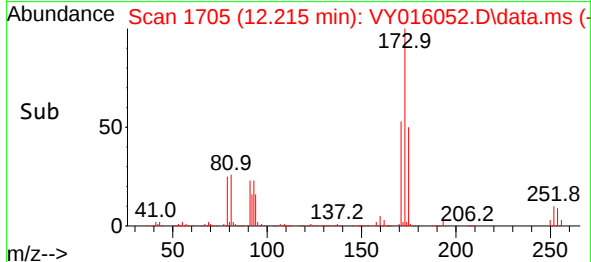
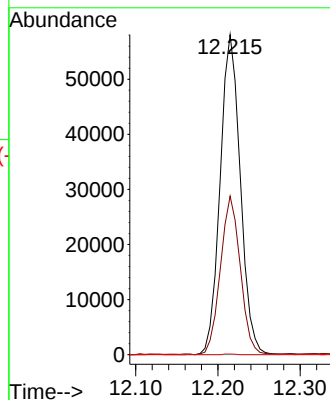
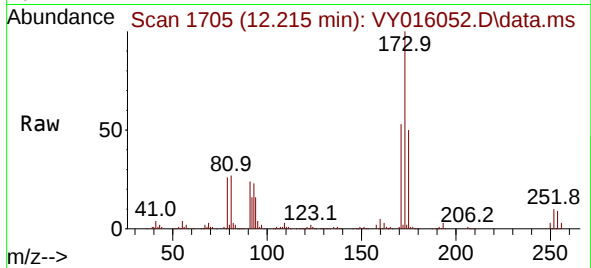




#71
Bromoform
Concen: 57.463 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

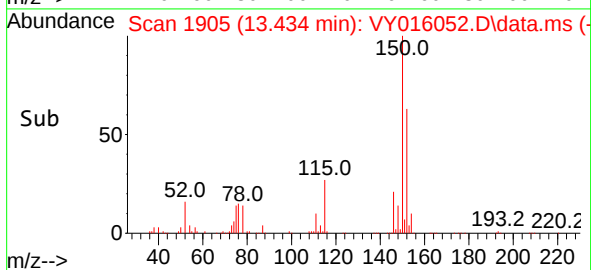
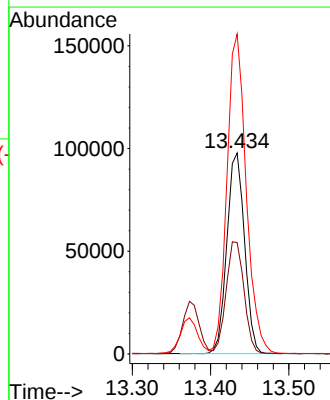
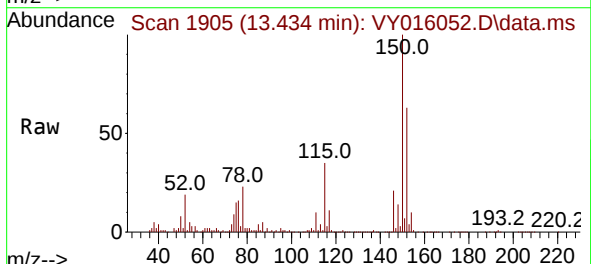
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

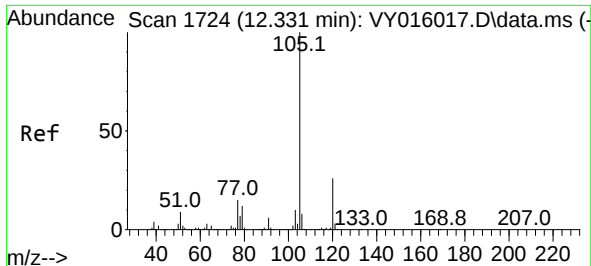
Tgt Ion:173 Resp: 99270
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion:152 Resp: 153529
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 172.9 0.0 348.8

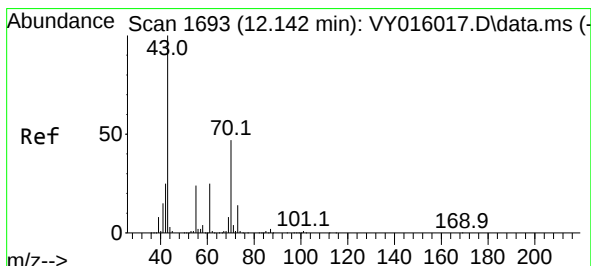
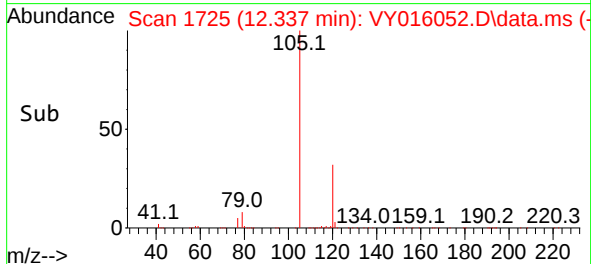
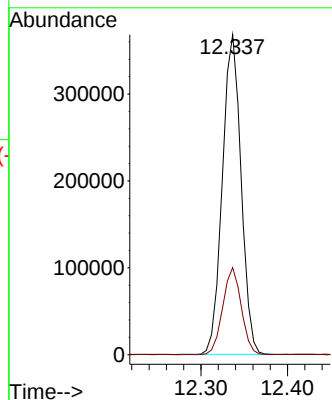
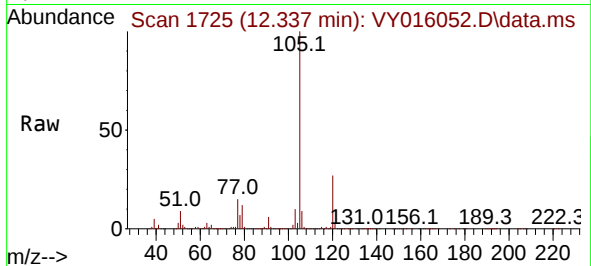




#73
Isopropylbenzene
Concen: 48.040 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

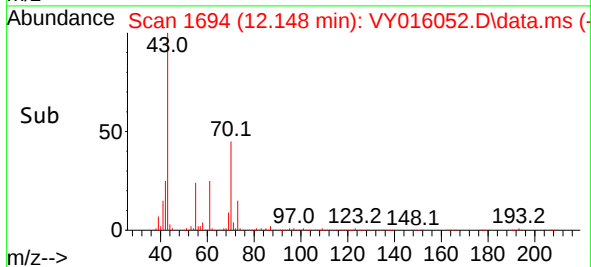
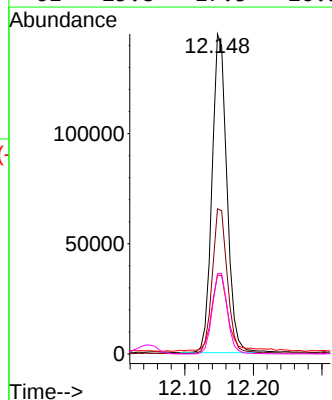
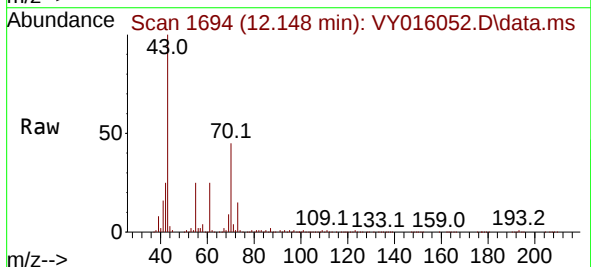
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

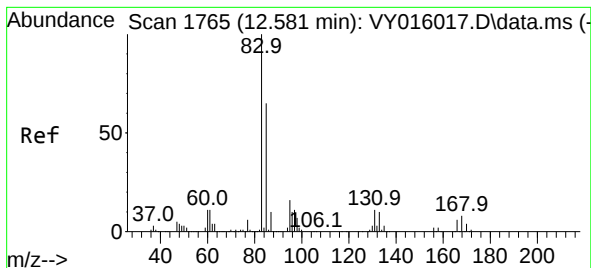
Tgt Ion:105 Resp: 551711
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 60.363 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 43 Resp: 218963
Ion Ratio Lower Upper
43 100
70 45.9 29.7 44.5#
55 28.3 18.3 27.5#
61 25.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.471 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

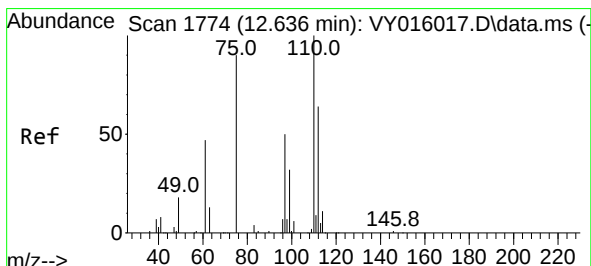
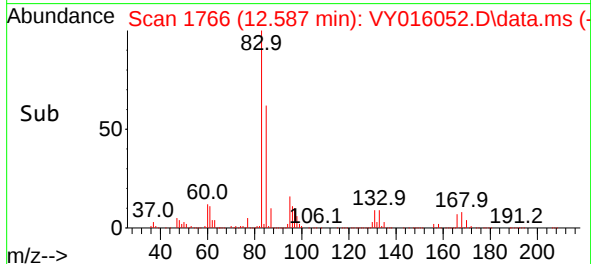
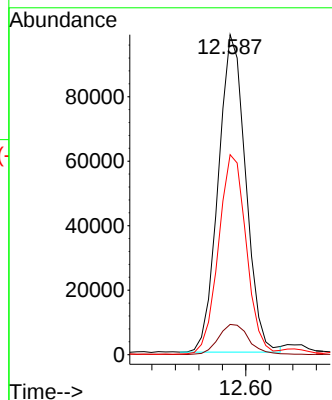
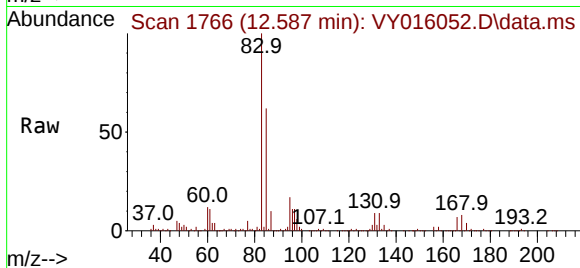
Tgt Ion: 83 Resp: 159557

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 104.934 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY016052.D

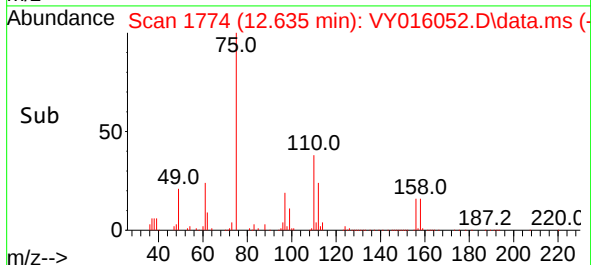
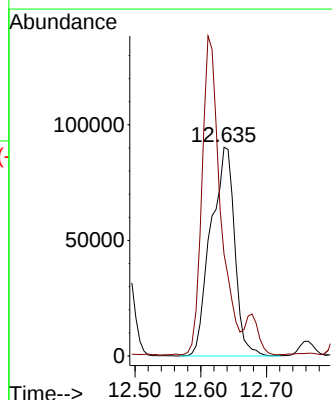
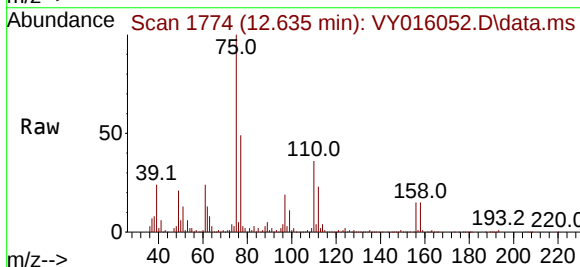
Acq: 19 Oct 2023 21:03

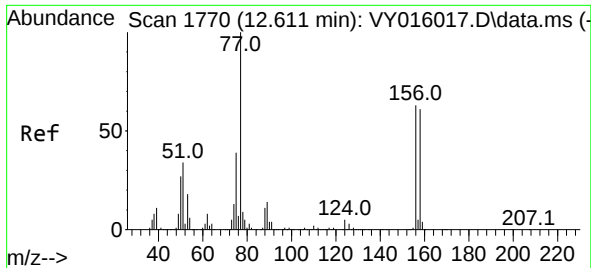
Tgt Ion: 75 Resp: 228107

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

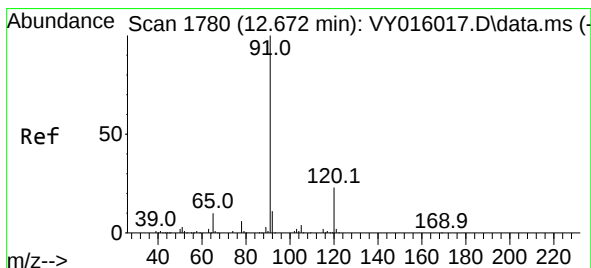
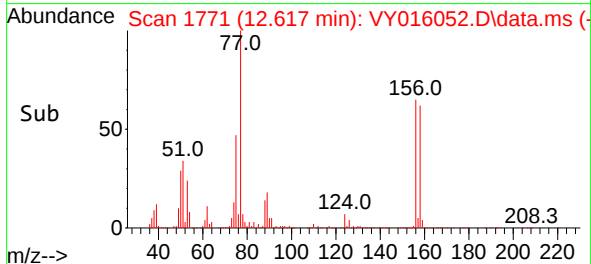
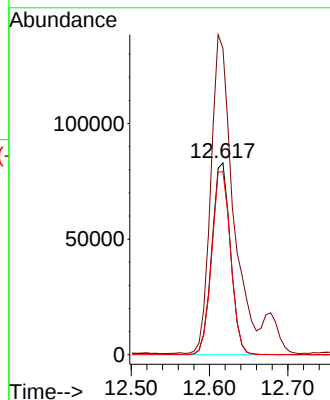
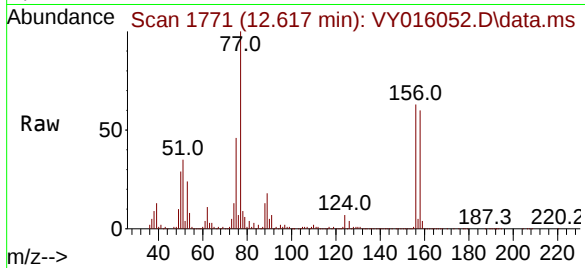




#77
Bromobenzene
Concen: 49.036 ug/l
RT: 12.617 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

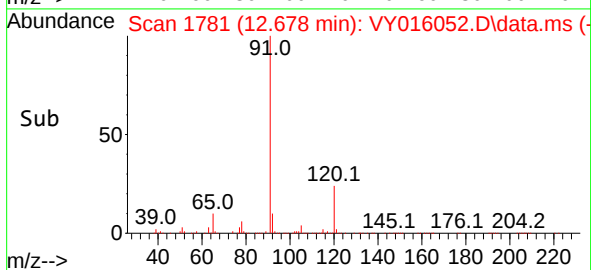
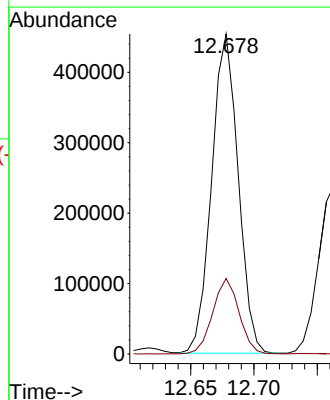
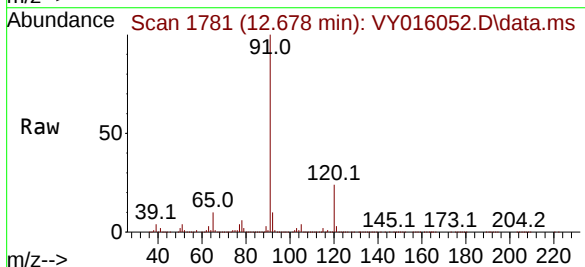
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

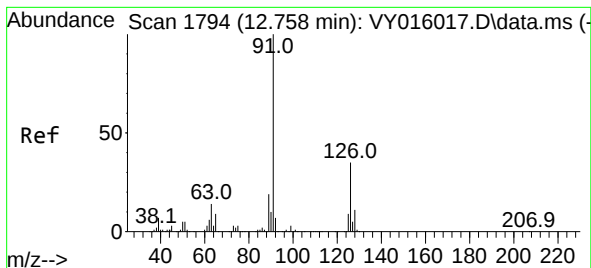
Tgt Ion:156 Resp: 136690
Ion Ratio Lower Upper
156 100
77 197.3 92.8 278.6
158 97.1 48.4 145.3



#78
n-propylbenzene
Concen: 47.735 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 91 Resp: 660305
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.065 ug/l

RT: 12.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

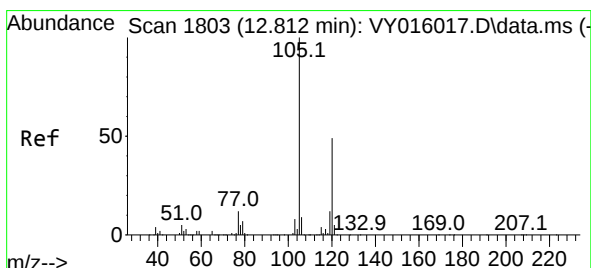
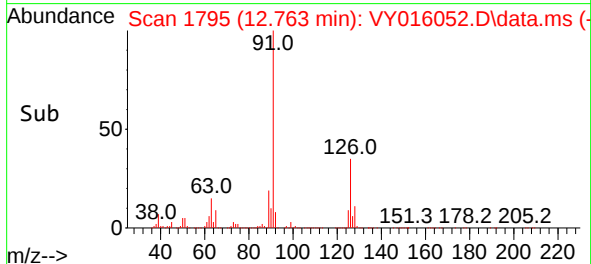
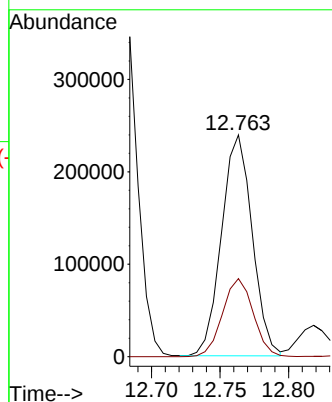
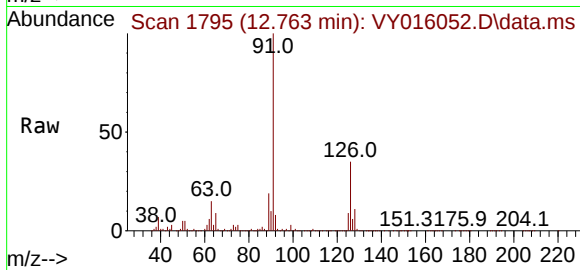
VSTDCCC050EC

Tgt Ion: 91 Resp: 373192

Ion Ratio Lower Upper

91 100

126 35.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 48.056 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY016052.D

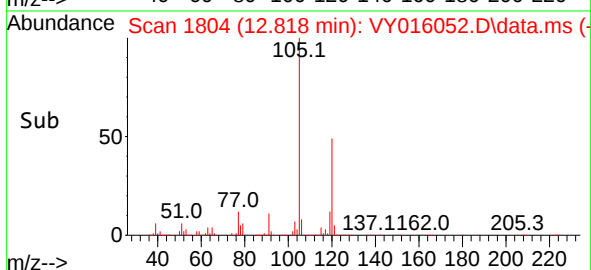
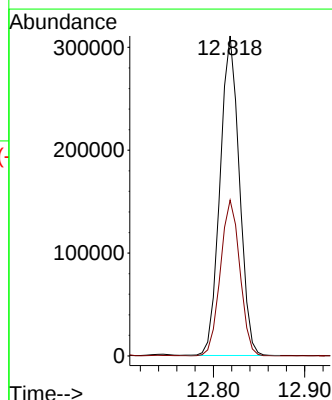
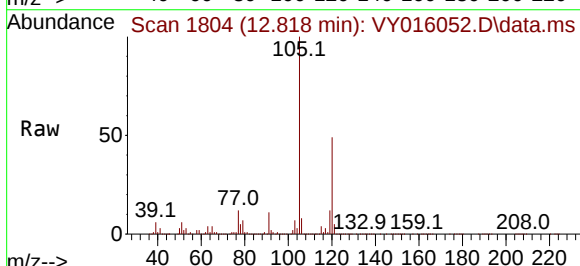
Acq: 19 Oct 2023 21:03

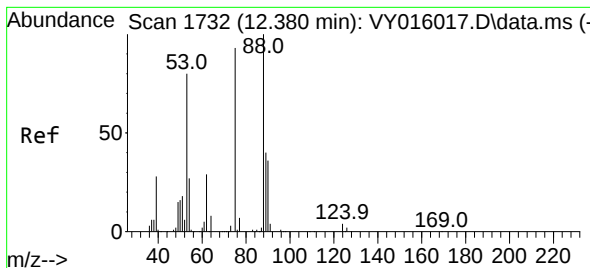
Tgt Ion:105 Resp: 457140

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7

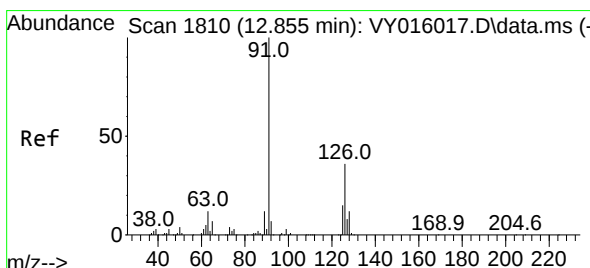
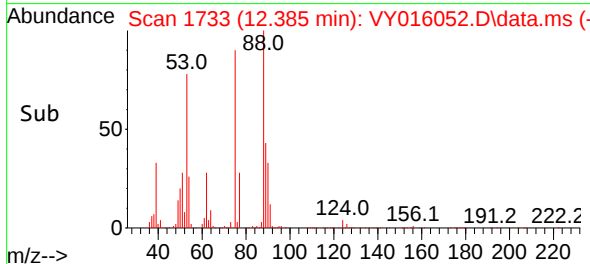
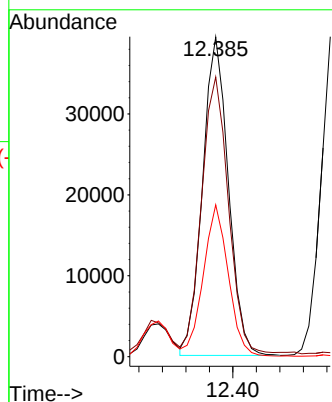
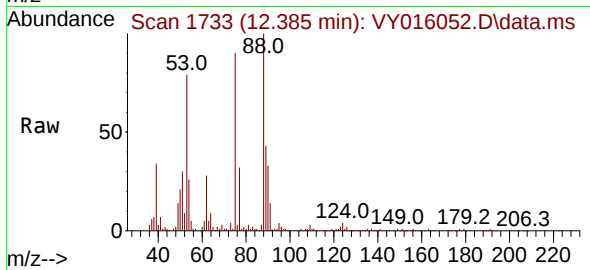




#81
trans-1,4-Dichloro-2-butene
Concen: 60.166 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

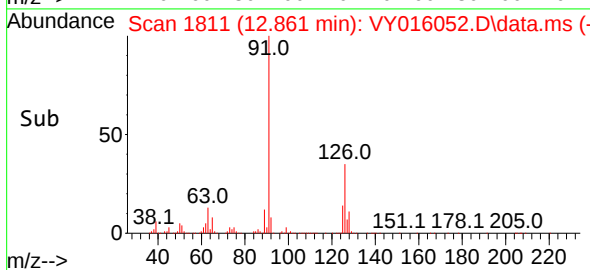
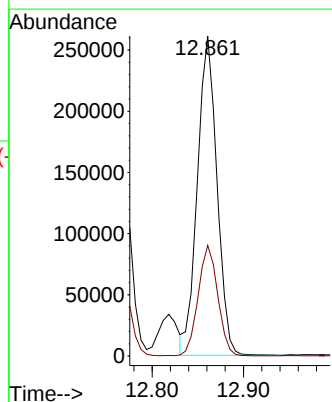
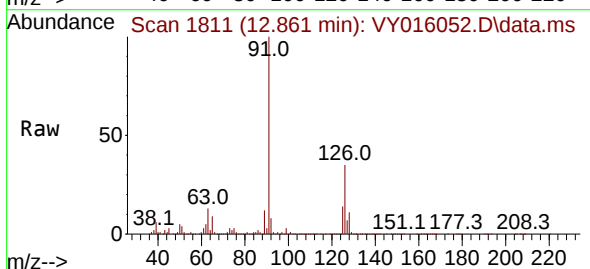
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

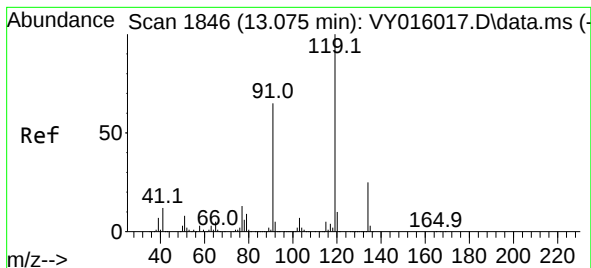
Tgt Ion: 75 Resp: 59915
Ion Ratio Lower Upper
75 100
53 90.8 77.8 116.8
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.045 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 91 Resp: 389325
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.053 ug/l

RT: 13.080 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

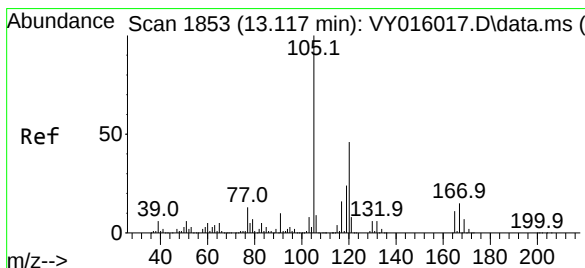
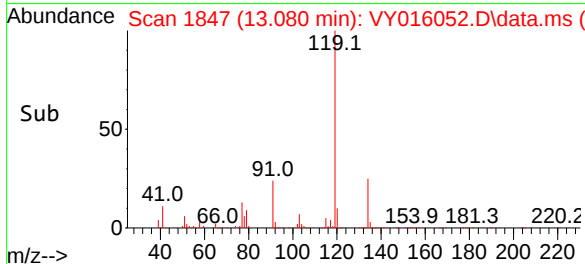
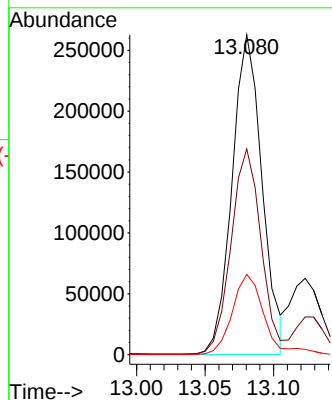
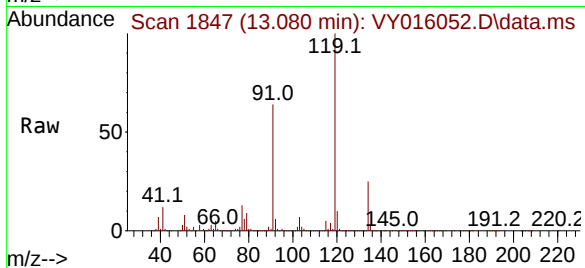
Tgt Ion:119 Resp: 400823

Ion Ratio Lower Upper

119 100

91 63.7 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.426 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.012 min

Lab File: VY016052.D

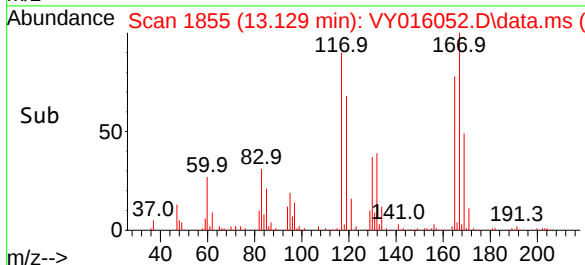
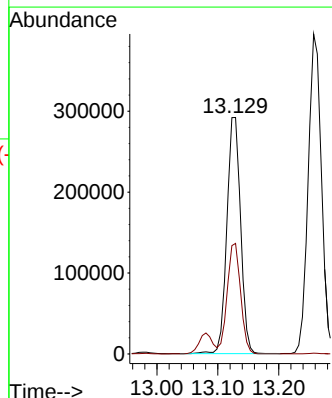
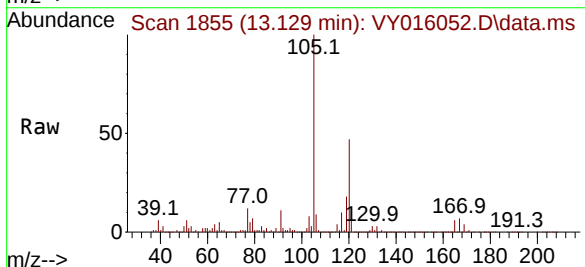
Acq: 19 Oct 2023 21:03

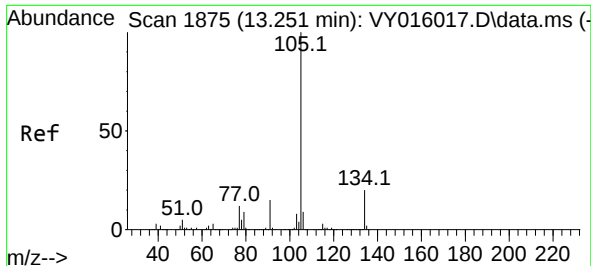
Tgt Ion:105 Resp: 457450

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6

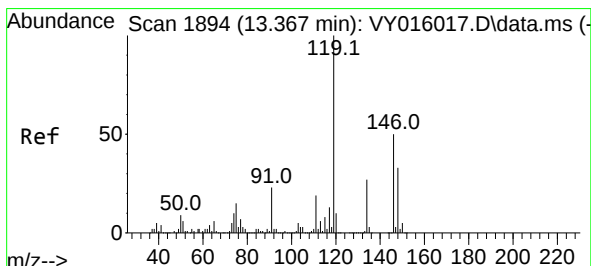
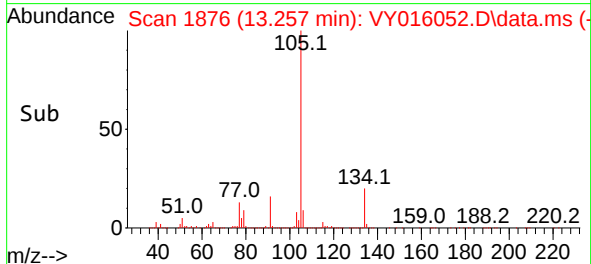
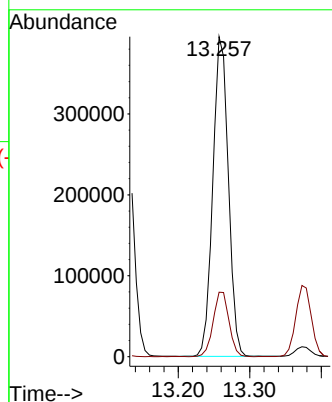
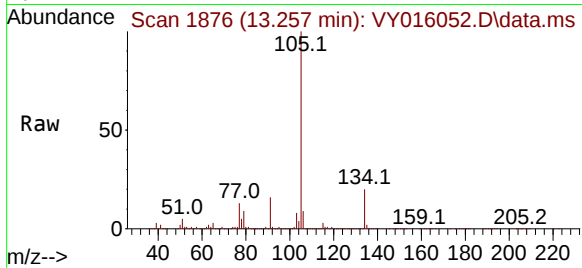




#85
 sec-Butylbenzene
 Concen: 47.782 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY016052.D
 Acq: 19 Oct 2023 21:03

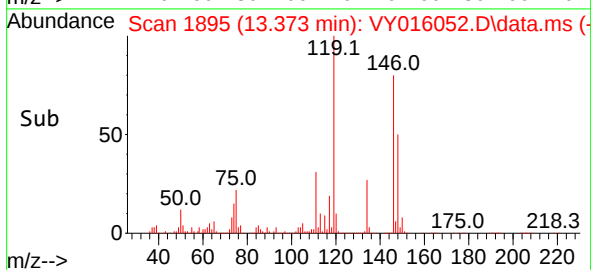
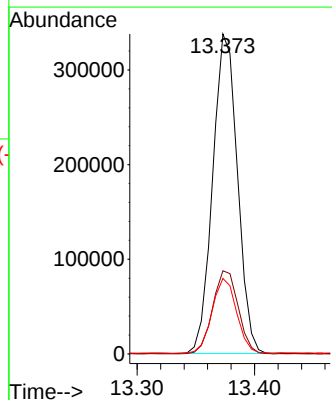
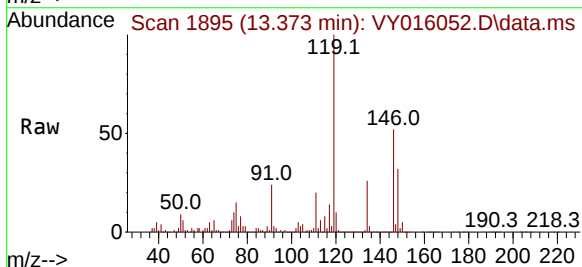
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

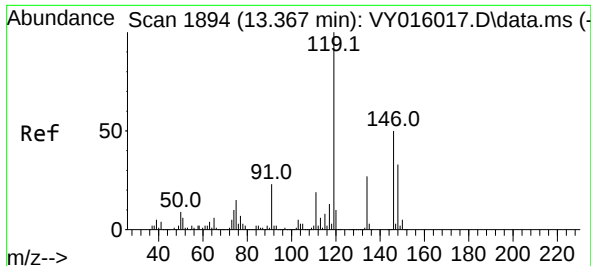
Tgt Ion:105 Resp: 595259
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 47.510 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY016052.D
 Acq: 19 Oct 2023 21:03

Tgt Ion:119 Resp: 494615
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.202 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

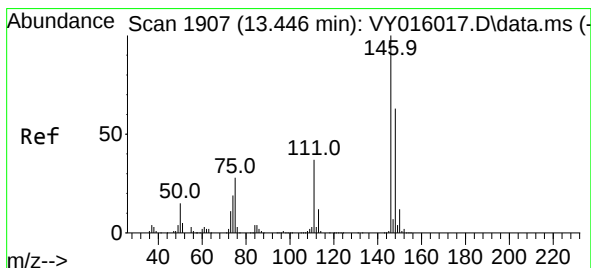
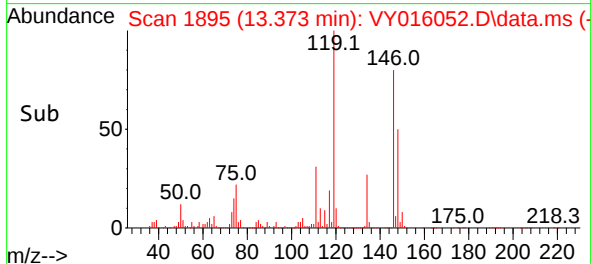
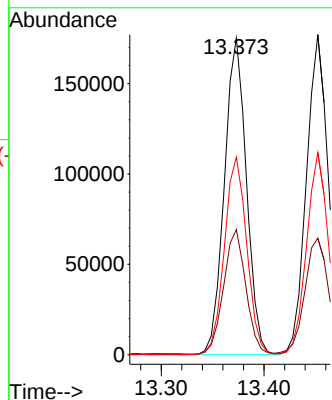
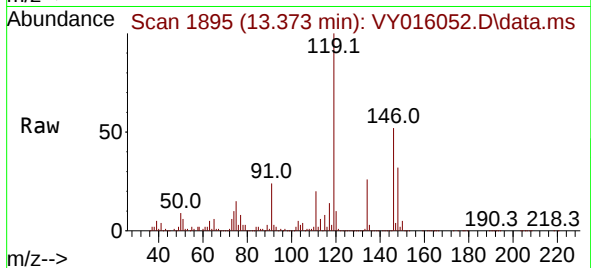
Tgt Ion:146 Resp: 261427

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 63.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.241 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

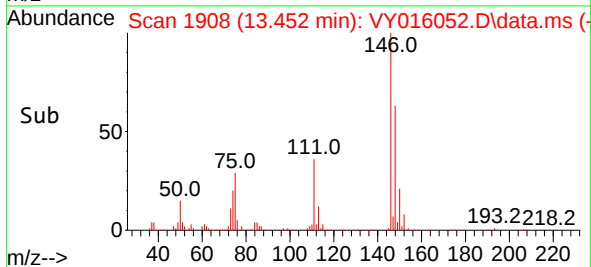
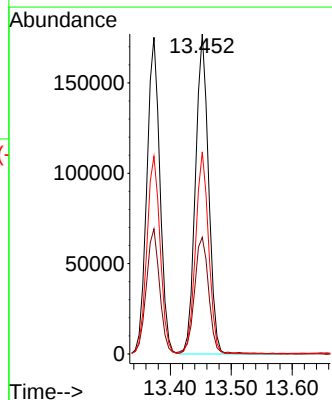
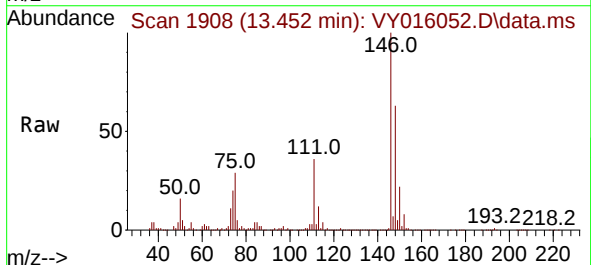
Tgt Ion:146 Resp: 263432

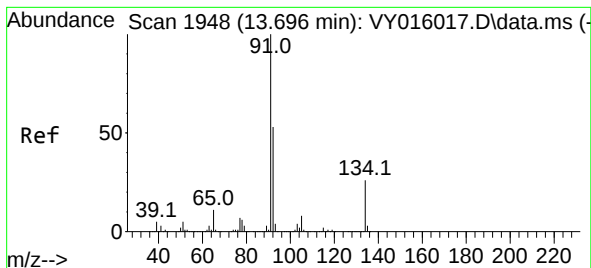
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 62.8 32.1 96.5





#89

n-Butylbenzene

Concen: 47.818 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

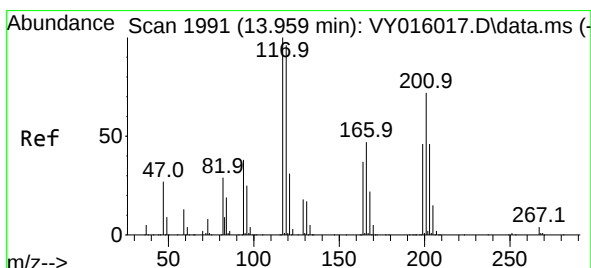
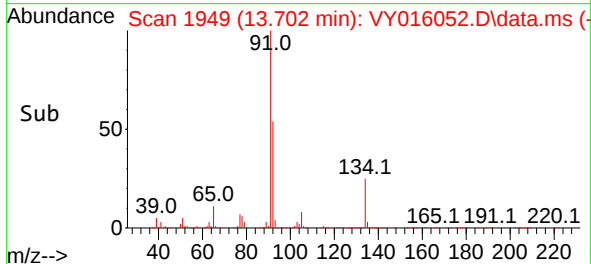
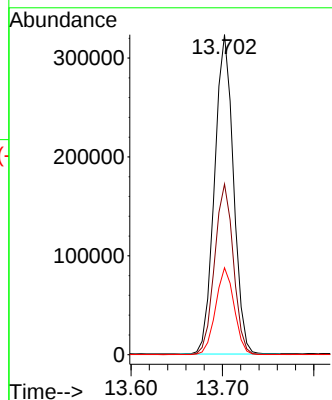
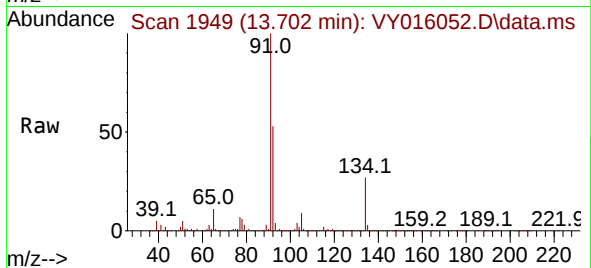
Tgt Ion: 91 Resp: 463443

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 47.170 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY016052.D

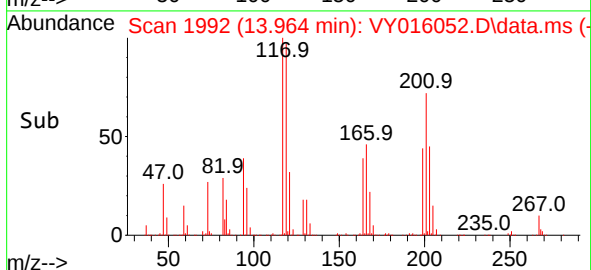
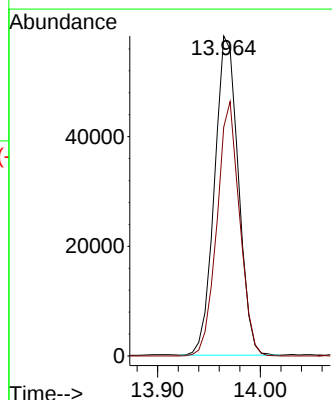
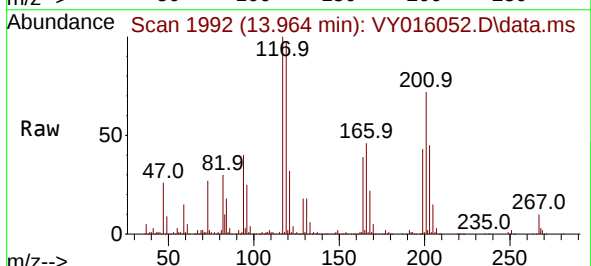
Acq: 19 Oct 2023 21:03

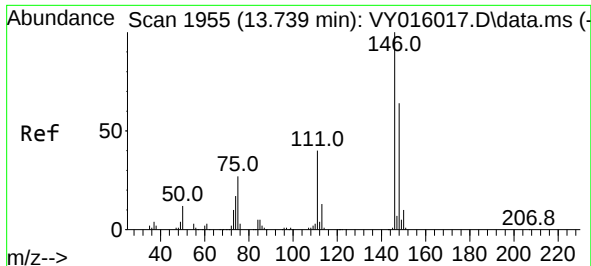
Tgt Ion: 117 Resp: 93613

Ion Ratio Lower Upper

117 100

201 75.8 41.6 124.8

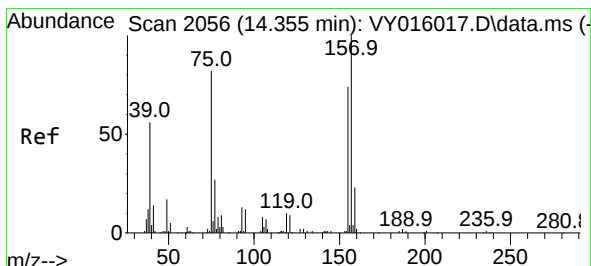
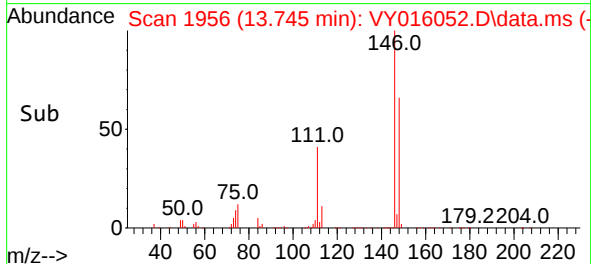
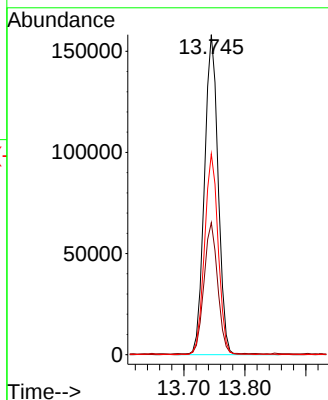
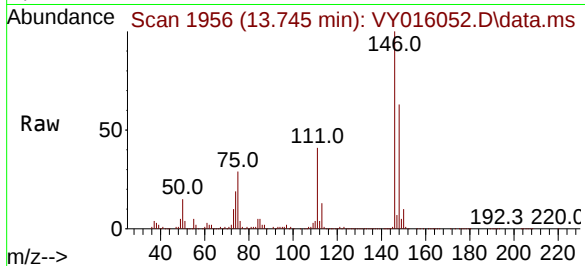




#91
1,2-Dichlorobenzene
Concen: 49.541 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

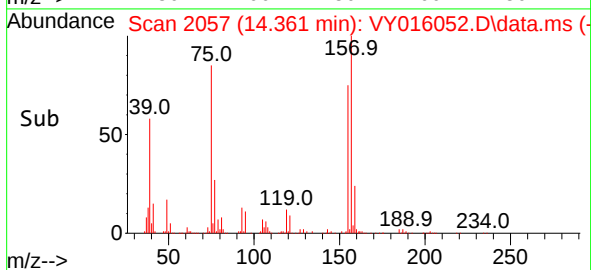
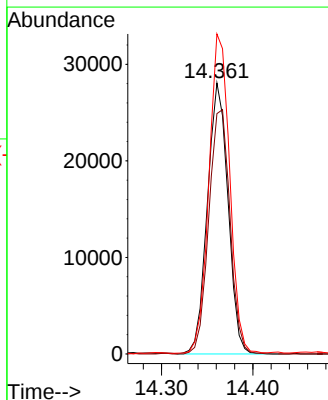
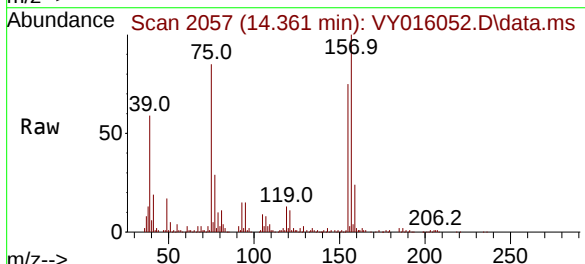
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

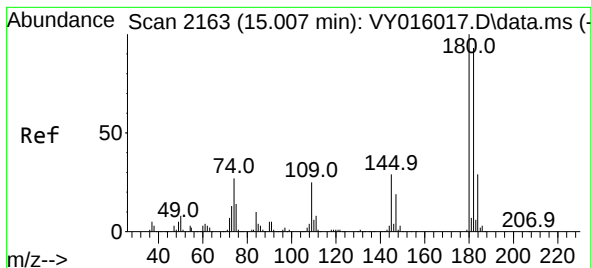
Tgt Ion:146 Resp: 246696
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 62.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 80.102 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY016052.D
Acq: 19 Oct 2023 21:03

Tgt Ion: 75 Resp: 43859
Ion Ratio Lower Upper
75 100
155 92.7 41.5 124.6
157 118.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.561 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

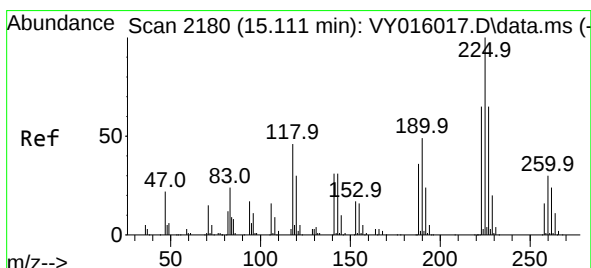
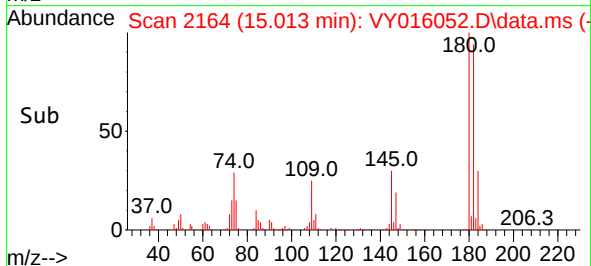
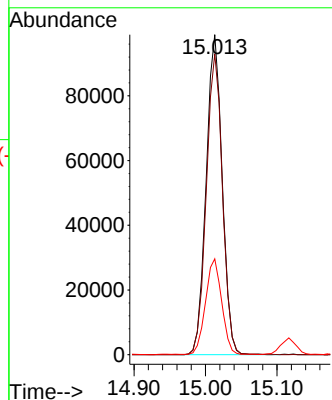
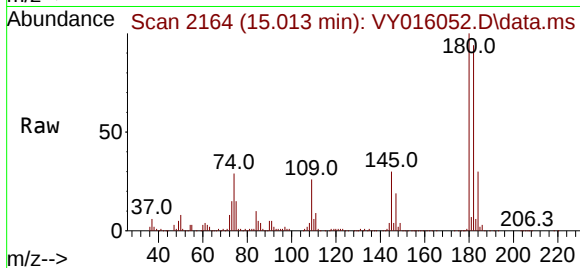
Tgt Ion:180 Resp: 154049

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 44.459 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

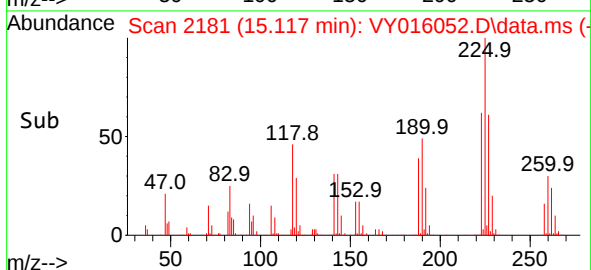
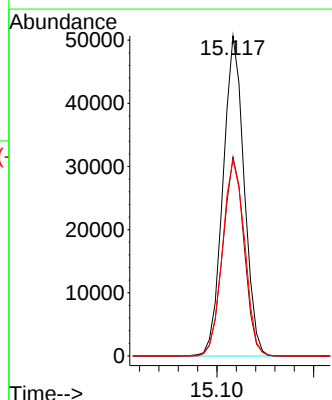
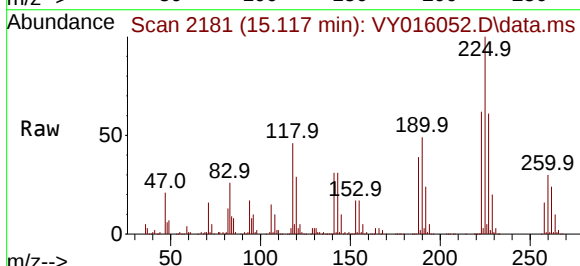
Tgt Ion:225 Resp: 76604

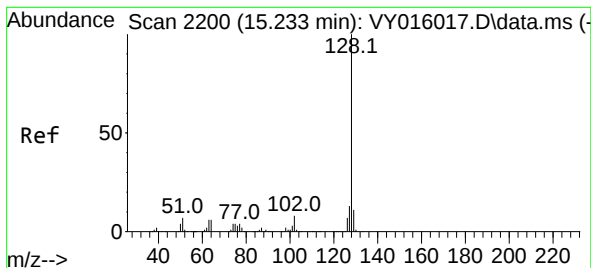
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 66.285 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

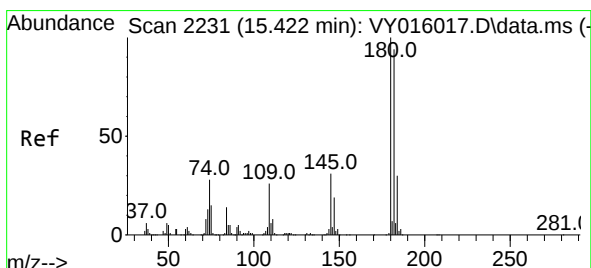
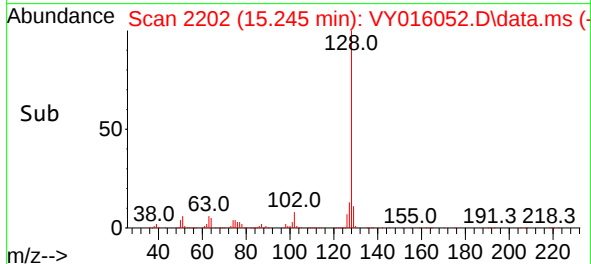
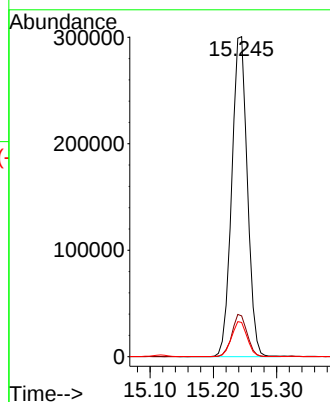
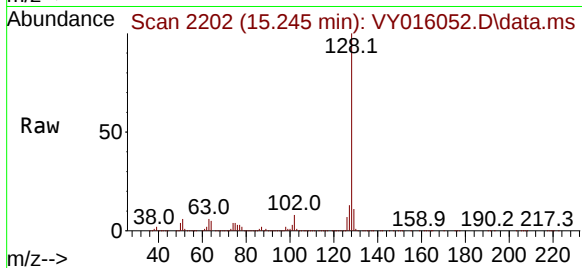
Tgt Ion:128 Resp: 516099

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.887 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016052.D

Acq: 19 Oct 2023 21:03

Tgt Ion:180 Resp: 144551

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

145 32.9 15.4 46.2

