

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010779.D
 Acq On : 03 Oct 2022 20:14
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 04 07:36:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	244028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	391274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	357686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	130013	52.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.120%	
35) Dibromofluoromethane	7.716	113	122270	47.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.160%	
50) Toluene-d8	10.179	98	472810	53.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.483	95	163115	46.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	84344	49.890	ug/l	99
3) Chloromethane	2.113	50	137256	48.812	ug/l	96
4) Vinyl Chloride	2.247	62	166840	49.275	ug/l	99
5) Bromomethane	2.650	94	121606	50.615	ug/l	98
6) Chloroethane	2.790	64	115050	50.986	ug/l	100
7) Trichlorofluoromethane	3.125	101	202332	49.069	ug/l	94
8) Diethyl Ether	3.528	74	71595	53.971	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.900	101	117874	49.861	ug/l	94
10) Methyl Iodide	4.089	142	158042	50.010	ug/l	93
11) Tert butyl alcohol	4.942	59	66793	317.836	ug/l	99
12) 1,1-Dichloroethene	3.869	96	116017	50.286	ug/l	88
13) Acrolein	3.723	56	41797	244.806	ug/l	99
14) Allyl chloride	4.473	41	166577	48.232	ug/l #	93
15) Acrylonitrile	5.155	53	174720	270.360	ug/l	98
16) Acetone	3.942	43	129451	206.062	ug/l #	87
17) Carbon Disulfide	4.192	76	366643	49.175	ug/l	99
18) Methyl Acetate	4.473	43	82347	51.315	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	326700	54.093	ug/l	95
20) Methylene Chloride	4.710	84	147041	53.808	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	134406	49.890	ug/l	87
22) Diisopropyl ether	6.119	45	380844	50.280	ug/l #	92
23) Vinyl Acetate	6.058	43	1221703	266.275	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	228325	49.501	ug/l	99
25) 2-Butanone	6.984	43	221113	244.816	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	200534	45.801	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	153556	51.360	ug/l	88
28) Bromochloromethane	7.332	49	91274	53.120	ug/l #	82
29) Tetrahydrofuran	7.344	42	145596	274.130	ug/l #	83
30) Chloroform	7.503	83	242490	50.941	ug/l	100
31) Cyclohexane	7.783	56	203768	46.024	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	214887	50.111	ug/l	96
36) 1,1-Dichloropropene	7.917	75	183389	48.910	ug/l	98
37) Ethyl Acetate	7.070	43	99920	54.306	ug/l #	93
38) Carbon Tetrachloride	7.899	117	197227	50.503	ug/l	100
39) Methylcyclohexane	9.179	83	227305	49.354	ug/l	92
40) Benzene	8.161	78	537761	49.788	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	135940	122.208	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	161013	52.730	ug/l	93
43) Isopropyl Acetate	8.271	43	180245	54.125	ug/l #	90
44) Trichloroethene	8.941	130	148608	50.815	ug/l	100
45) 1,2-Dichloropropane	9.216	63	132647	50.943	ug/l	97
46) Dibromomethane	9.307	93	80605	54.121	ug/l	97
47) Bromodichloromethane	9.496	83	188495	52.443	ug/l	100
48) Methyl methacrylate	9.289	41	83533	53.406	ug/l #	84
49) 1,4-Dioxane	9.295	88	21415	1168.059	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	516021	283.227	ug/l	89
52) Toluene	10.246	92	352037	51.213	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	195069	52.420	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	219243	51.449	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	110569	52.909	ug/l	98
56) Ethyl methacrylate	10.508	69	153687	57.237	ug/l #	80
57) 1,3-Dichloropropane	10.789	76	189456	53.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	378118	271.405	ug/l	94
59) 2-Hexanone	10.831	43	358224	283.886	ug/l	87
60) Dibromochloromethane	10.984	129	137017	54.684	ug/l	100
61) 1,2-Dibromoethane	11.087	107	107906	54.154	ug/l	100
64) Tetrachloroethene	10.721	164	145238	51.211	ug/l	98
65) Chlorobenzene	11.514	112	373501	50.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	140355	51.841	ug/l	98
67) Ethyl Benzene	11.593	91	672810	50.472	ug/l	99
68) m/p-Xylenes	11.703	106	534214	102.399	ug/l	94
69) o-Xylene	12.026	106	253480	51.968	ug/l	93
70) Styrene	12.044	104	436352	53.082	ug/l	95
71) Bromoform	12.209	173	88201	54.730	ug/l #	100
73) Isopropylbenzene	12.331	105	668496	48.931	ug/l	99
74) N-amyl acetate	12.142	43	169765	54.068	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	127450	49.932	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	175236	93.114	ug/l #	100
77) Bromobenzene	12.611	156	156489	49.932	ug/l	96
78) n-propylbenzene	12.672	91	804451	48.348	ug/l	99
79) 2-Chlorotoluene	12.758	91	453798	48.749	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	572779	49.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	45794	50.830	ug/l	89
82) 4-Chlorotoluene	12.855	91	479721	49.284	ug/l	99
83) tert-Butylbenzene	13.075	119	488116	49.549	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	572121	50.360	ug/l	98
85) sec-Butylbenzene	13.252	105	726732	49.008	ug/l	100
86) p-Isopropyltoluene	13.367	119	627283	50.420	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	317327	49.885	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	315290	50.056	ug/l	99
89) n-Butylbenzene	13.697	91	570583	49.839	ug/l	99
90) Hexachloroethane	13.959	117	112516	47.281	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	283195	51.077	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21268	51.817	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	169536	52.114	ug/l	99
94) Hexachlorobutadiene	15.111	225	98308	49.012	ug/l	98
95) Naphthalene	15.233	128	356456	57.491	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	149847	54.034	ug/l	99

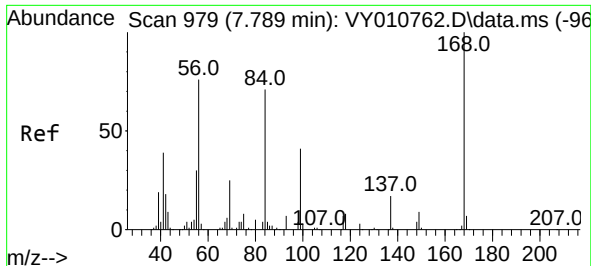
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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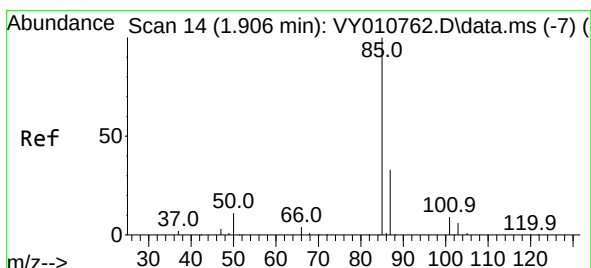
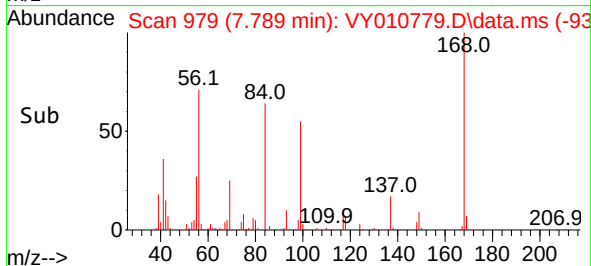
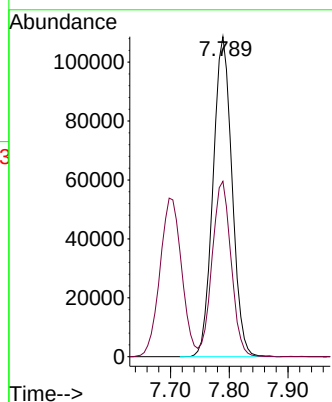
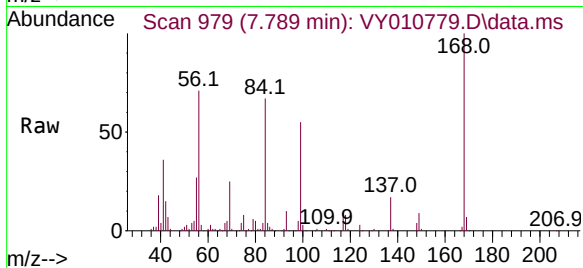
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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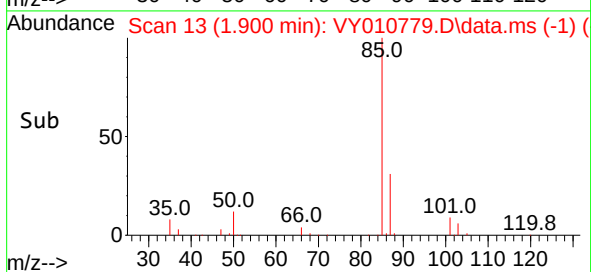
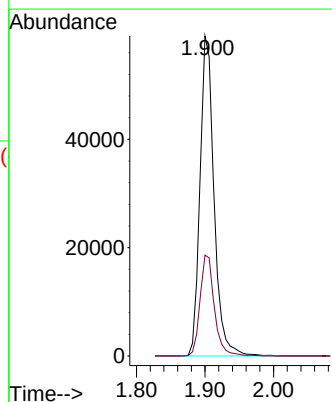
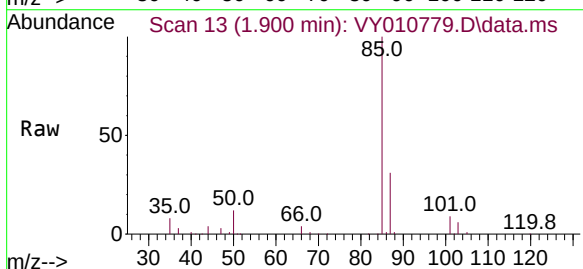
Instrument :
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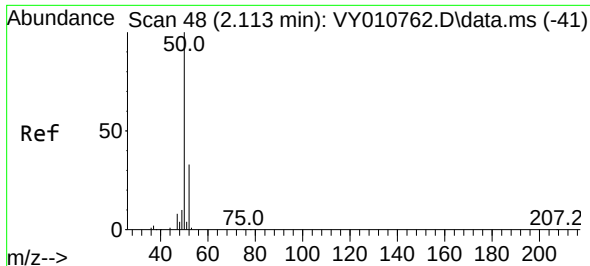
Tgt Ion:168 Resp: 244028
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 49.890 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 85 Resp: 84344
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.2

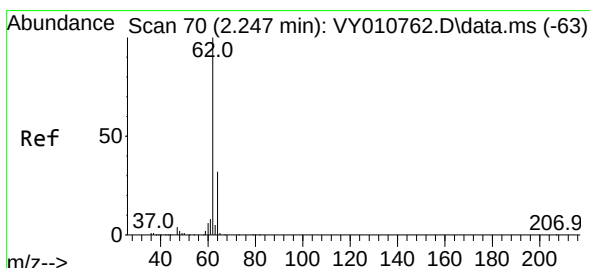
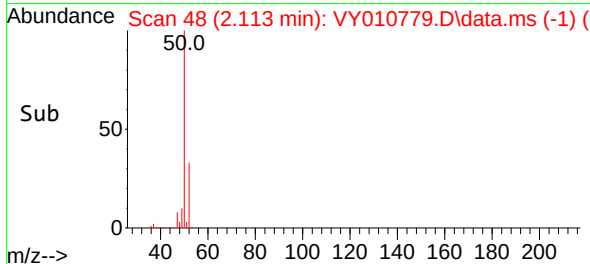
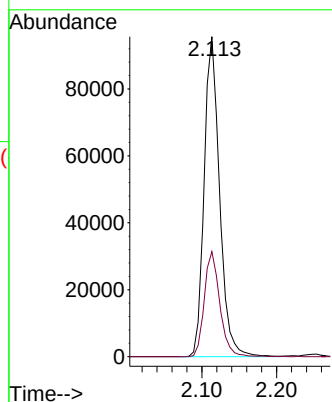
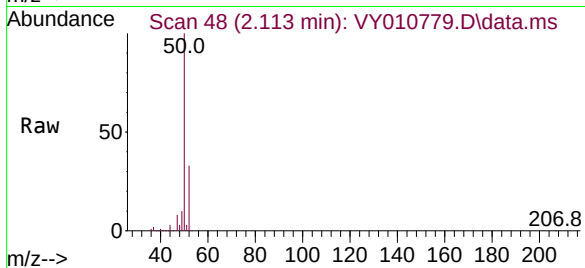




#3
Chloromethane
Concen: 48.812 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

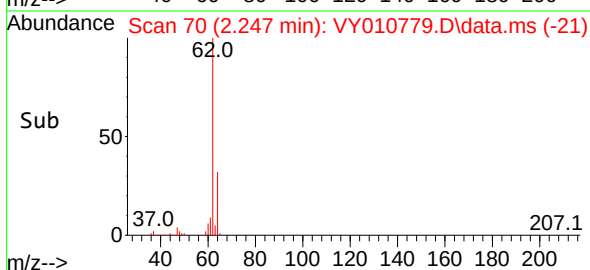
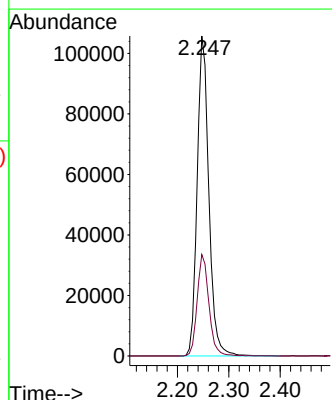
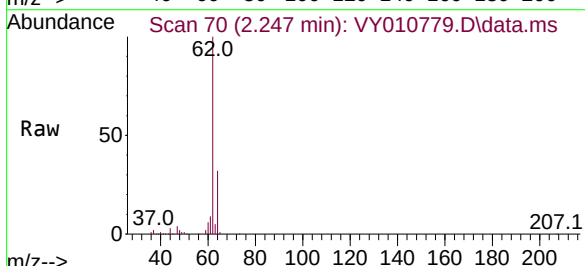
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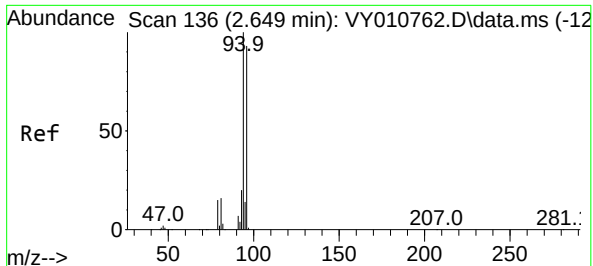
Tgt Ion: 50 Resp: 137256
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0



#4
Vinyl Chloride
Concen: 49.275 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 62 Resp: 166840
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.6

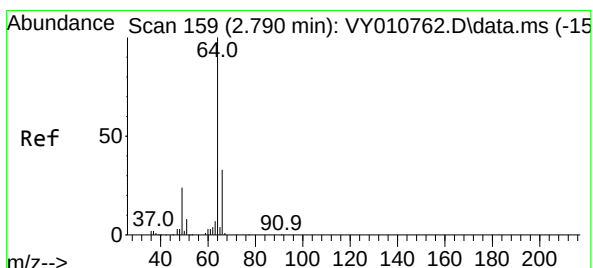
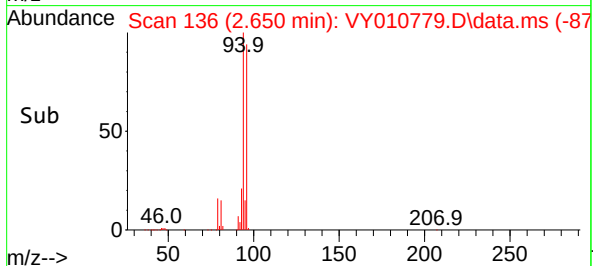
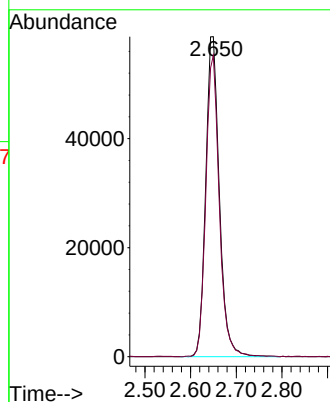
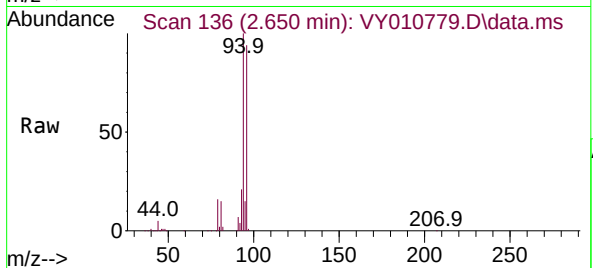




#5
Bromomethane
Concen: 50.615 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

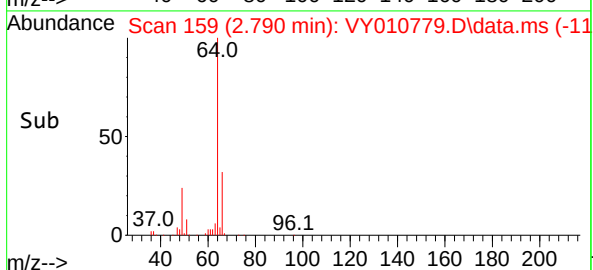
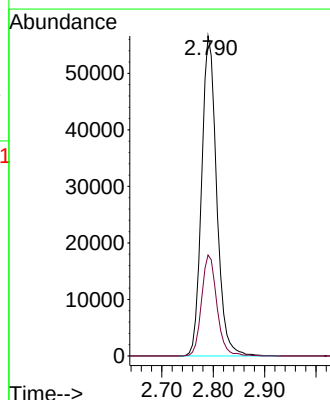
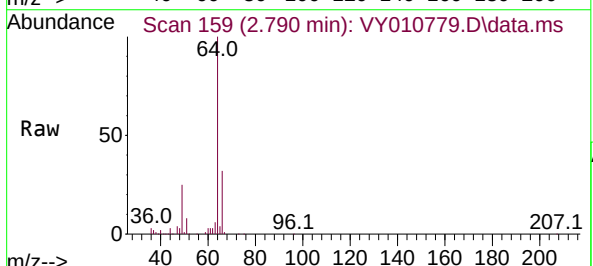
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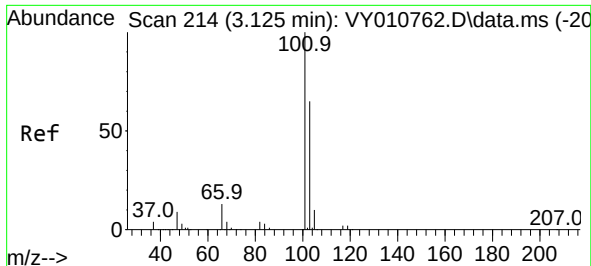
Tgt Ion: 94 Resp: 121606
Ion Ratio Lower Upper
94 100
96 94.1 73.5 110.3



#6
Chloroethane
Concen: 50.986 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 64 Resp: 115050
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.0

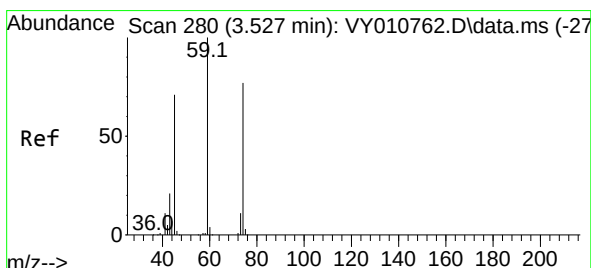
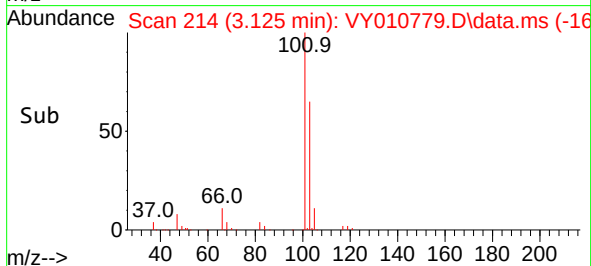
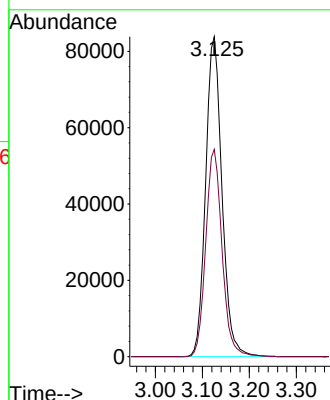
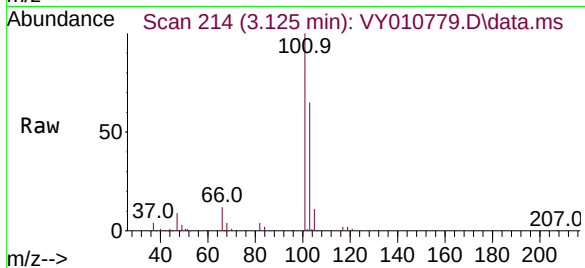




#7
 Trichlorofluoromethane
 Concen: 49.069 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY010779.D
 Acq: 03 Oct 2022 20:14

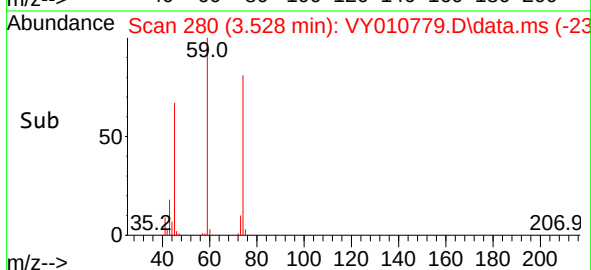
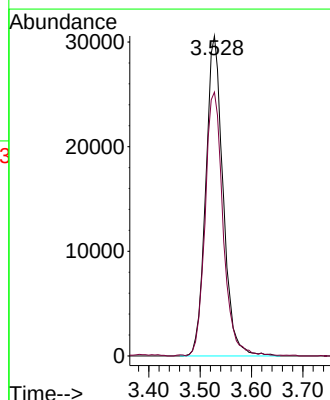
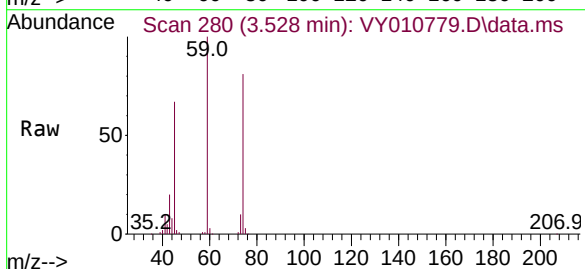
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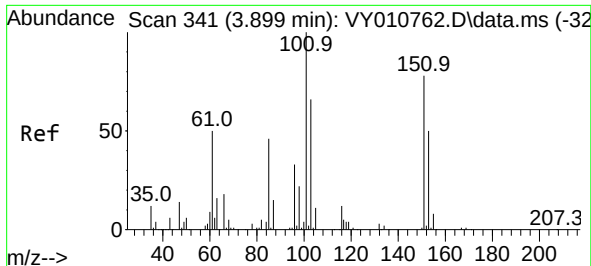
Tgt Ion:101 Resp: 202332
 Ion Ratio Lower Upper
 101 100
 103 64.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 53.971 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY010779.D
 Acq: 03 Oct 2022 20:14

Tgt Ion: 74 Resp: 71595
 Ion Ratio Lower Upper
 74 100
 45 85.9 55.1 165.5

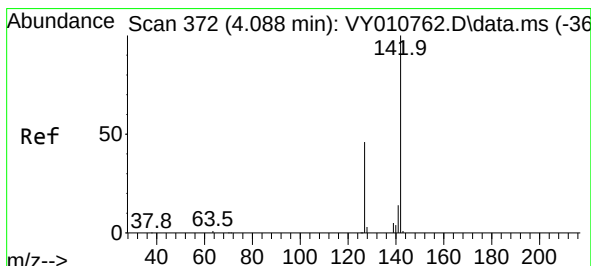
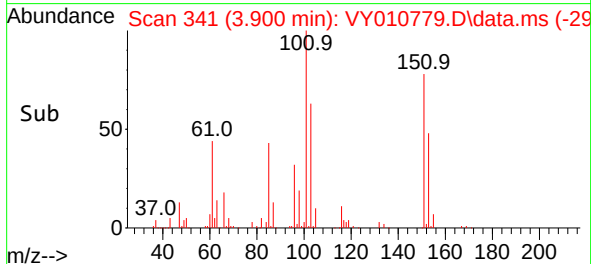
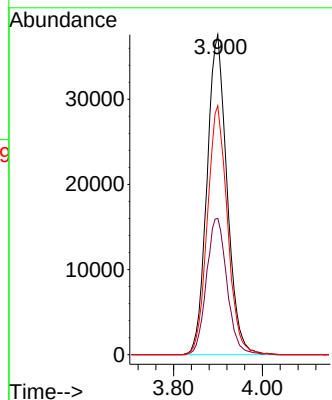
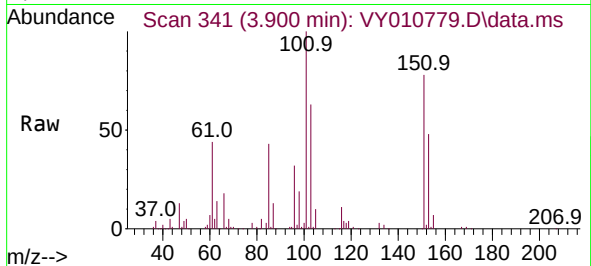




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.861 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY010779.D
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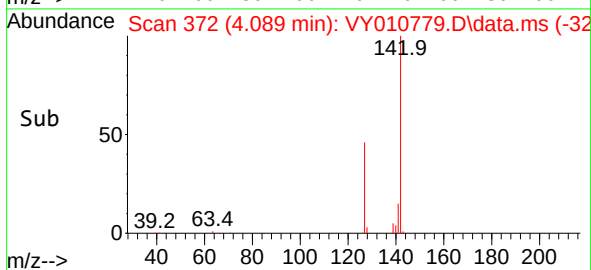
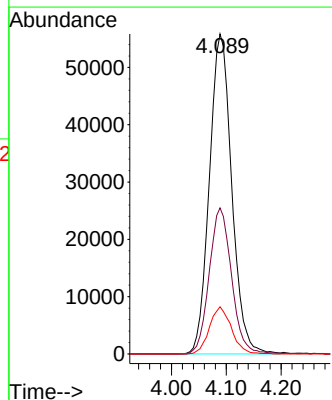
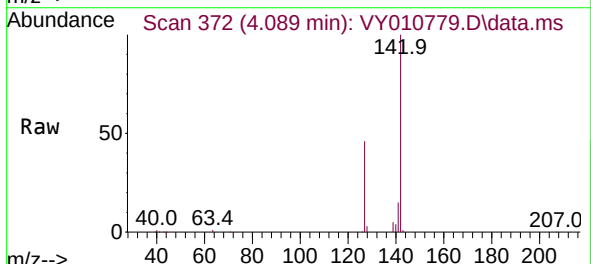
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ClientSampleId :
VSTDCCC050EC

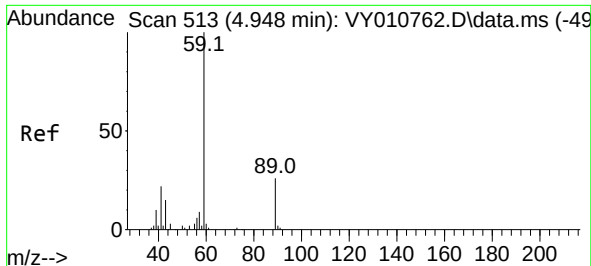
Tgt Ion:101 Resp: 117874
Ion Ratio Lower Upper
101 100
85 43.6 40.6 60.8
151 78.0 64.9 97.3



#10
Methyl Iodide
Concen: 50.010 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion:142 Resp: 158042
Ion Ratio Lower Upper
142 100
127 45.5 41.5 62.3
141 14.5 11.9 17.9

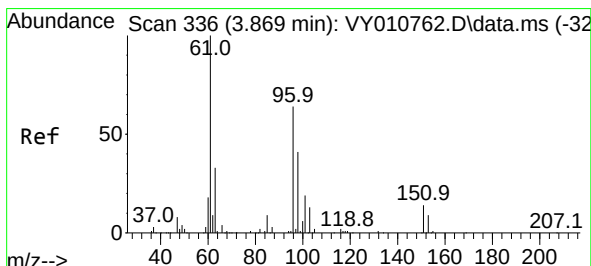
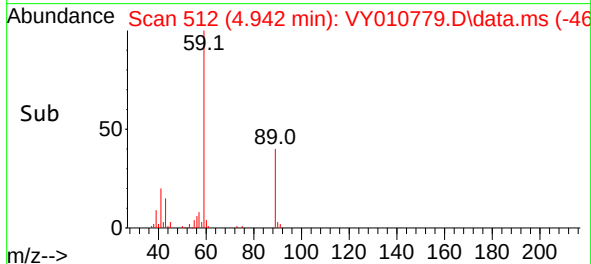
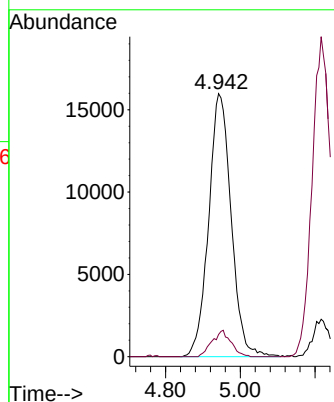
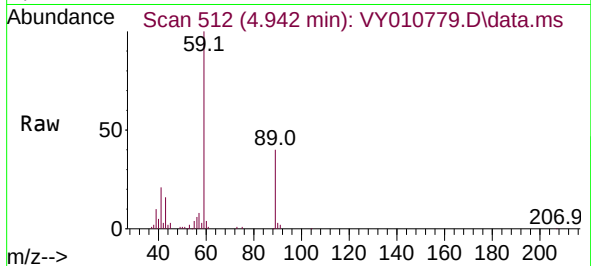




#11
Tert butyl alcohol
Concen: 317.836 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

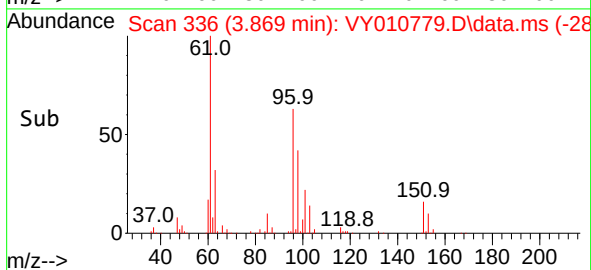
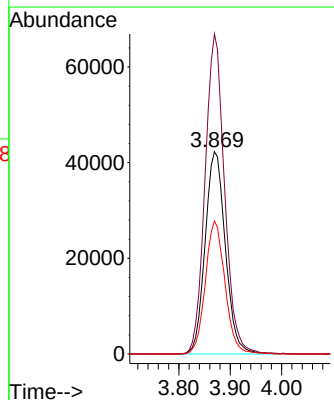
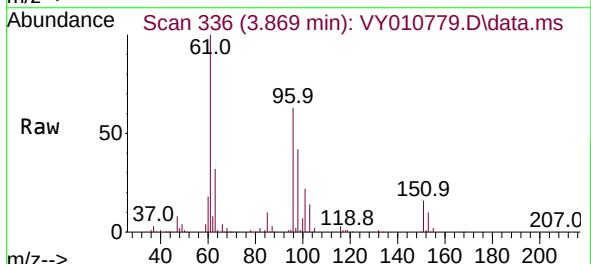
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

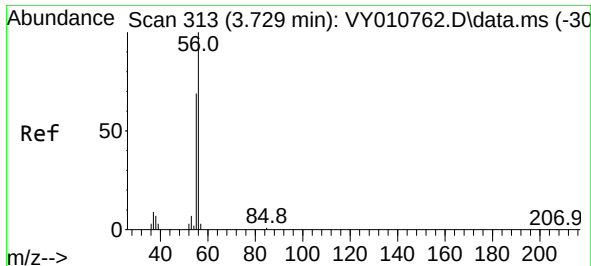
Tgt Ion: 59 Resp: 66793
Ion Ratio Lower Upper
59 100
57 8.4 6.4 9.6



#12
1,1-Dichloroethene
Concen: 50.286 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 96 Resp: 116017
Ion Ratio Lower Upper
96 100
61 158.3 145.8 218.6
98 65.8 52.5 78.7





#13

Acrolein

Concen: 244.806 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

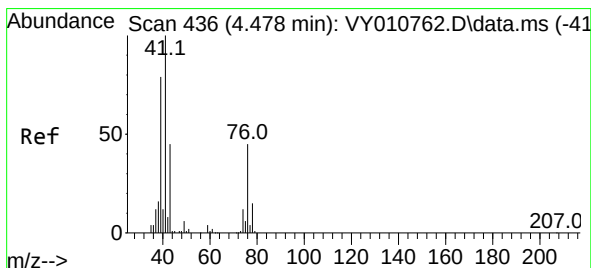
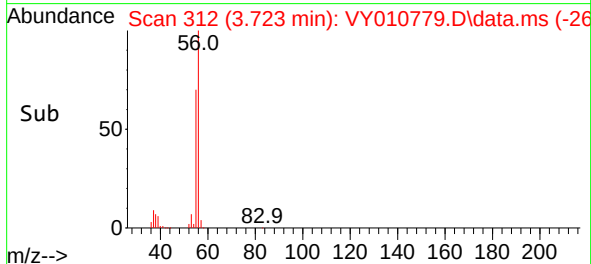
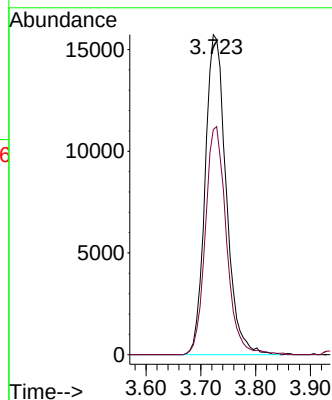
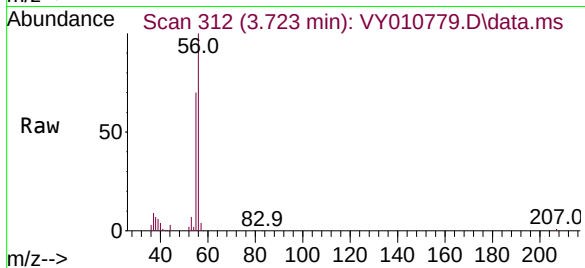
VSTDCCC050EC

Tgt Ion: 56 Resp: 41797

Ion Ratio Lower Upper

56 100

55 71.5 57.6 86.4



#14

Allyl chloride

Concen: 48.232 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.005 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

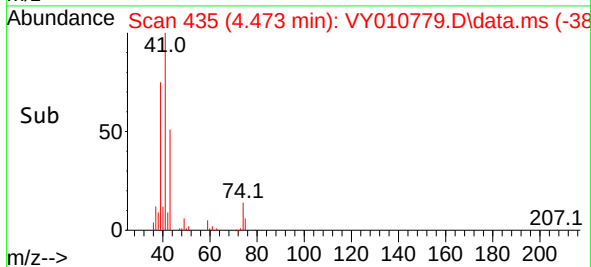
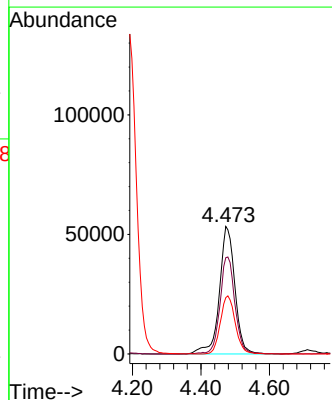
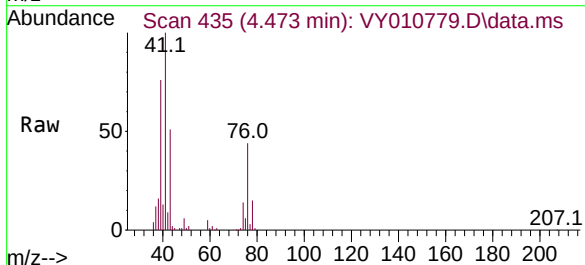
Tgt Ion: 41 Resp: 166577

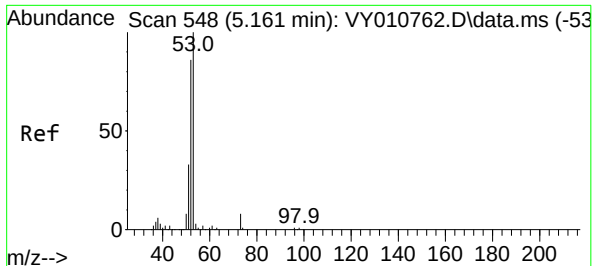
Ion Ratio Lower Upper

41 100

39 73.5 58.8 88.2

76 43.6 25.1 37.7#

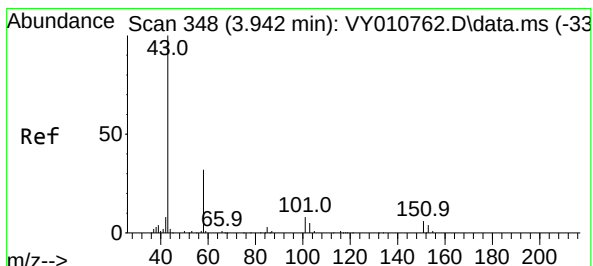
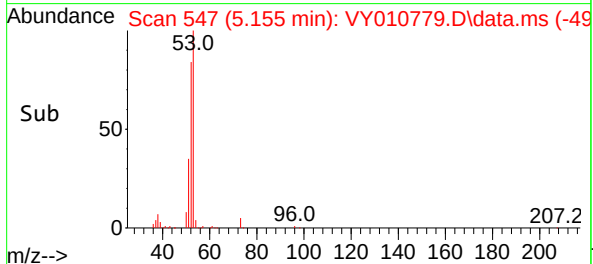
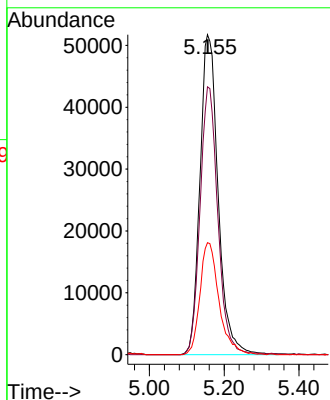
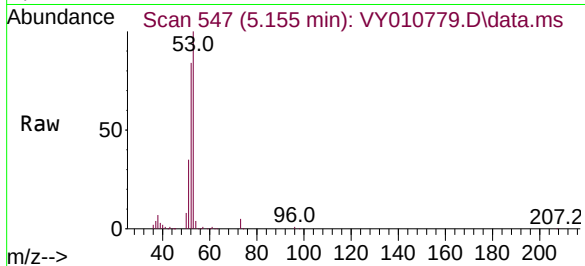




#15
Acrylonitrile
Concen: 270.360 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

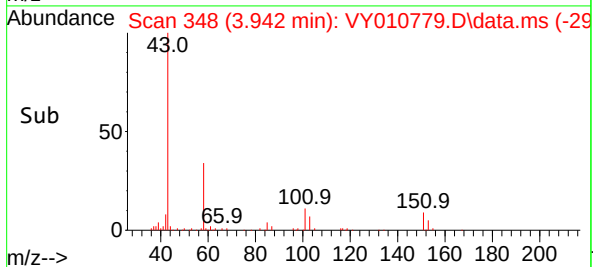
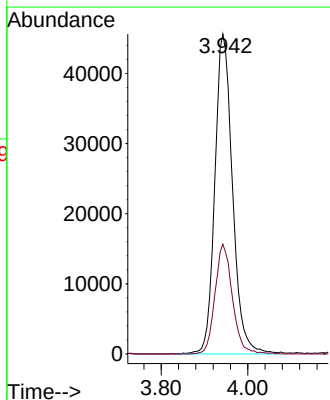
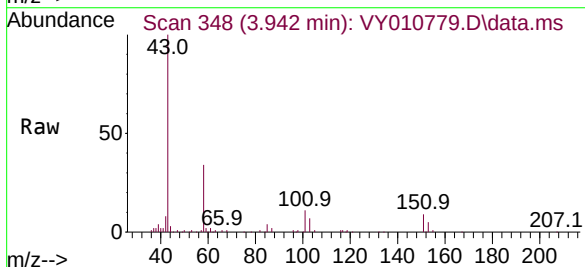
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

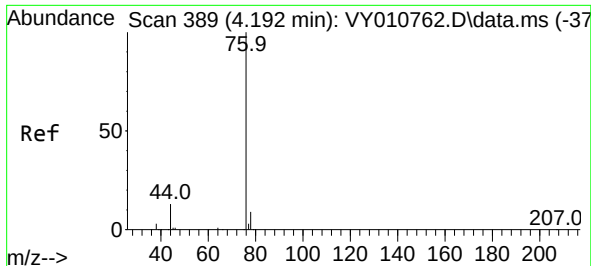
Tgt Ion: 53 Resp: 174720
Ion Ratio Lower Upper
53 100
52 81.7 67.0 100.4
51 36.6 29.8 44.6



#16
Acetone
Concen: 206.062 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 43 Resp: 129451
Ion Ratio Lower Upper
43 100
58 34.2 22.0 33.0#

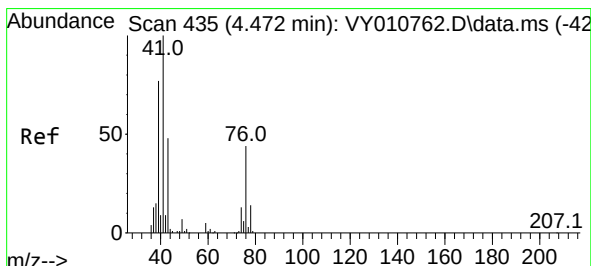
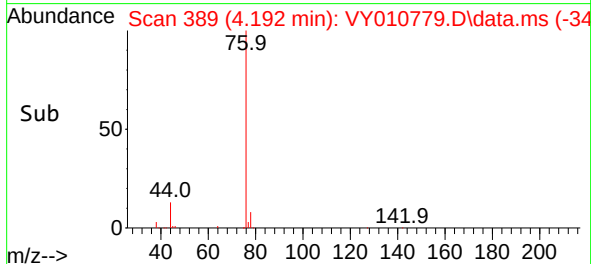
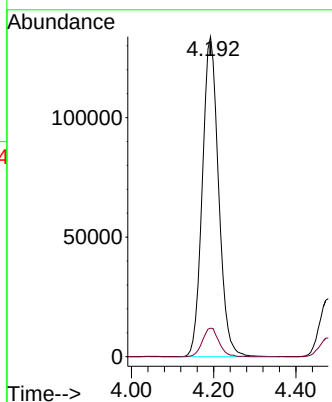
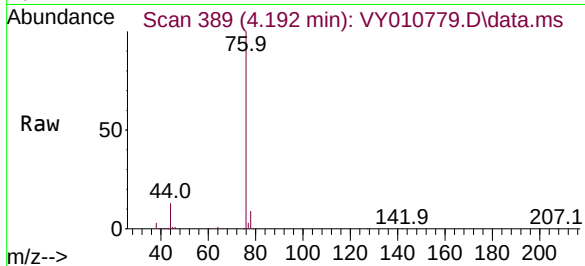




#17
Carbon Disulfide
Concen: 49.175 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

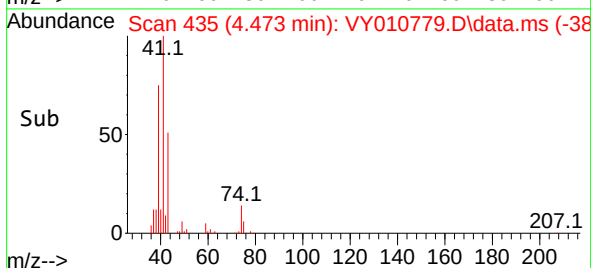
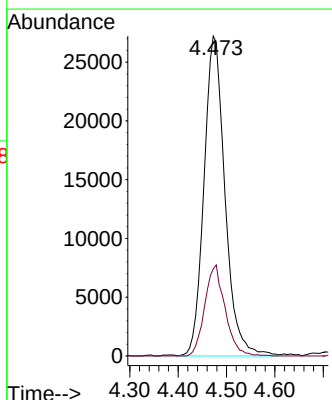
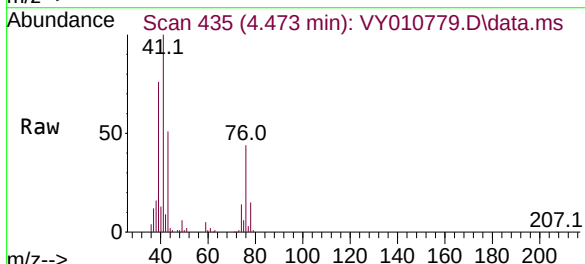
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

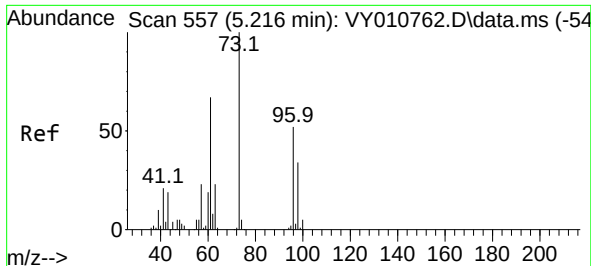
Tgt Ion: 76 Resp: 366643
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 51.315 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 43 Resp: 82347
Ion Ratio Lower Upper
43 100
74 27.5 16.6 24.8#

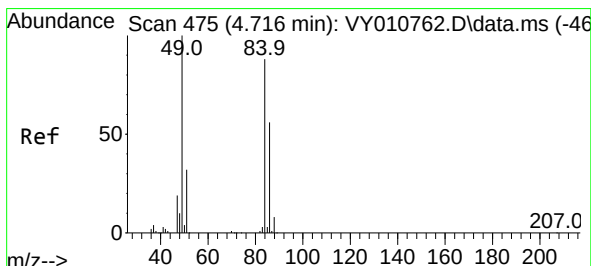
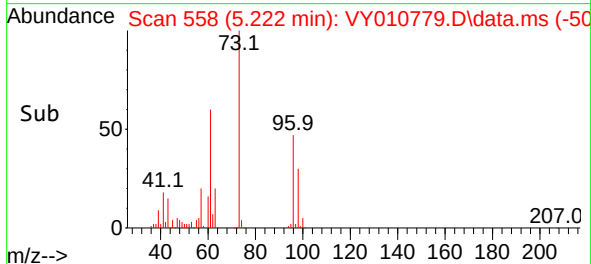
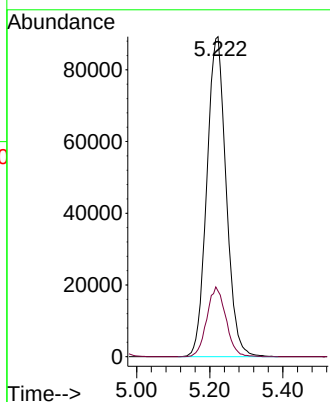
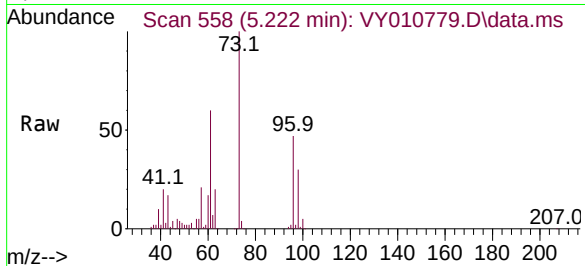




#19
Methyl tert-butyl Ether
Concen: 54.093 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

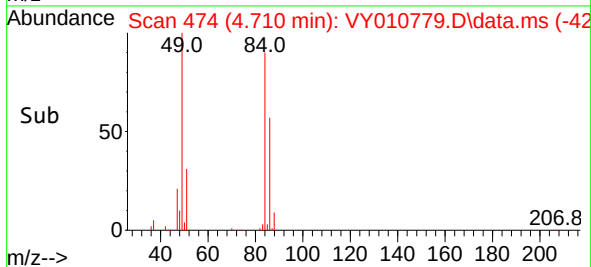
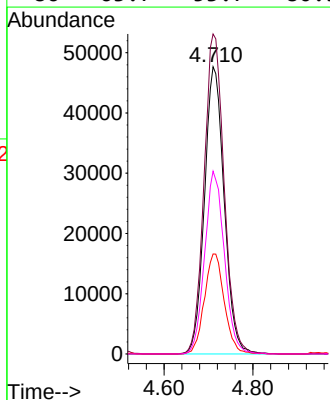
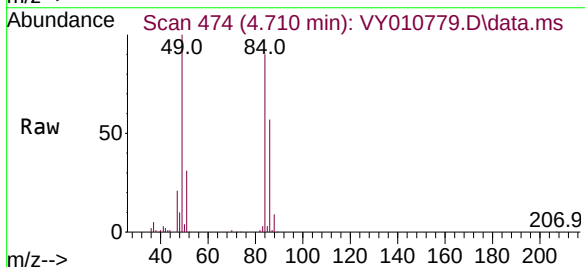
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

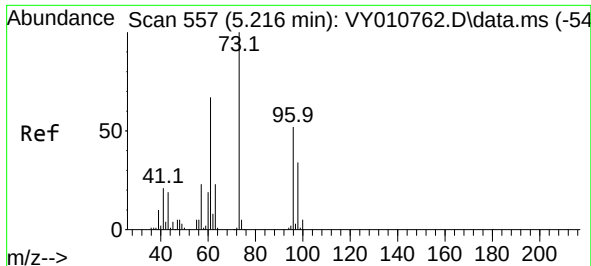
Tgt Ion: 73 Resp: 326700
Ion Ratio Lower Upper
73 100
57 20.5 18.6 27.8



#20
Methylene Chloride
Concen: 53.808 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 84 Resp: 147041
Ion Ratio Lower Upper
84 100
49 111.4 114.4 171.6#
51 34.8 35.3 52.9#
86 63.7 53.7 80.5

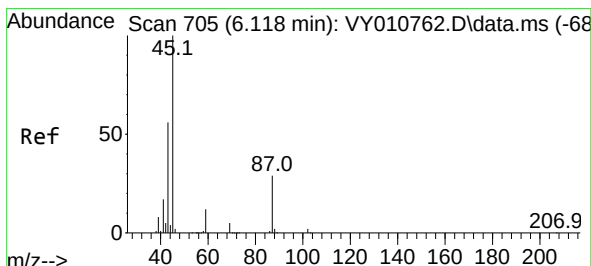
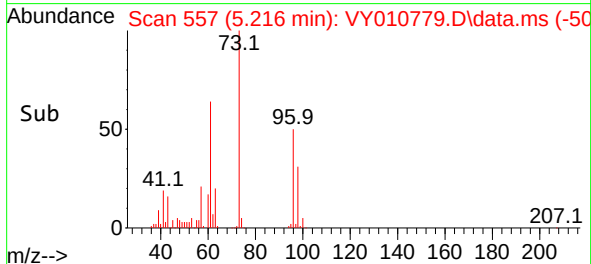
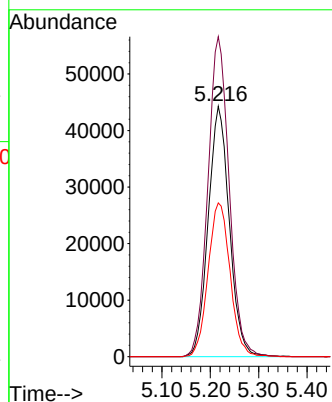
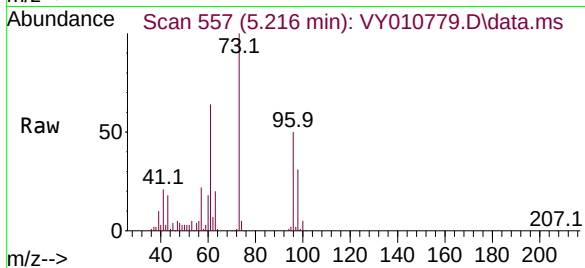




#21
trans-1,2-Dichloroethene
Concen: 49.890 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

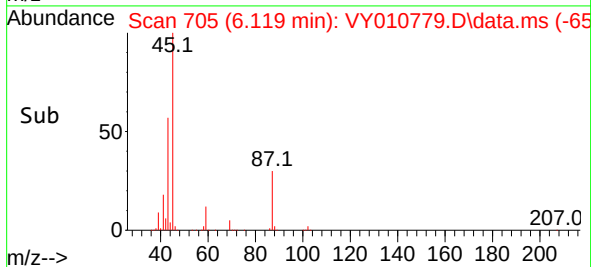
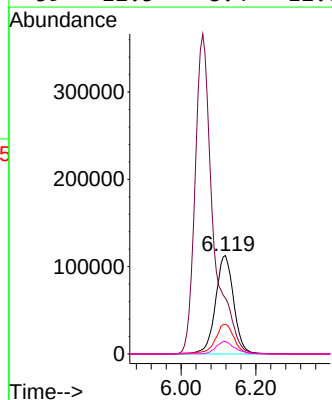
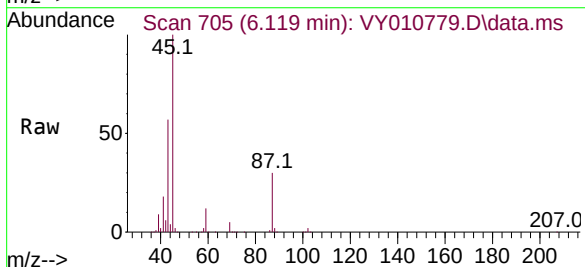
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

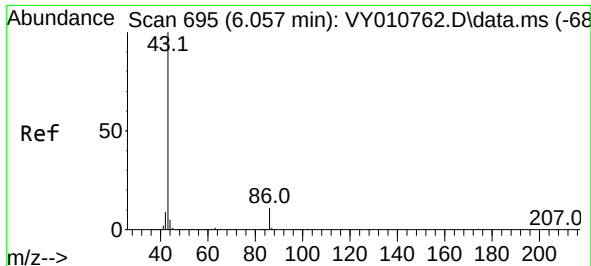
Tgt Ion: 96 Resp: 134406
Ion Ratio Lower Upper
96 100
61 127.8 120.5 180.7
98 61.4 49.8 74.8



#22
Diisopropyl ether
Concen: 50.280 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 45 Resp: 380844
Ion Ratio Lower Upper
45 100
43 56.4 49.3 73.9
87 30.3 19.2 28.8#
59 12.5 8.4 12.6

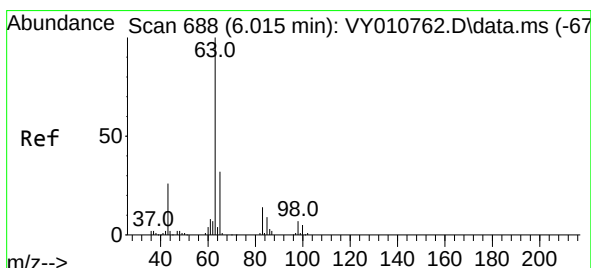
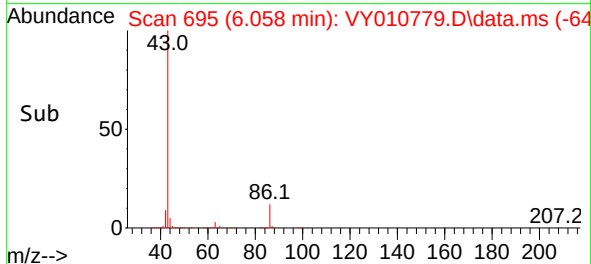
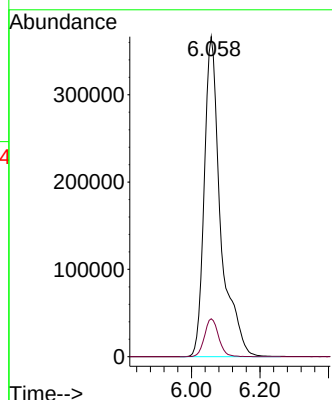
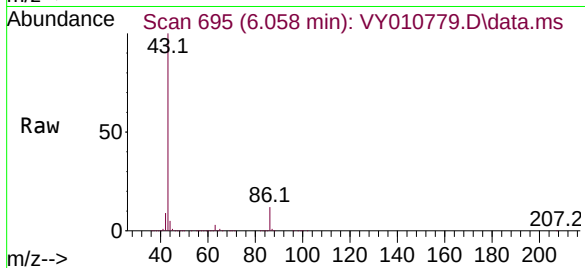




#23
 Vinyl Acetate
 Concen: 266.275 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY010779.D
 Acq: 03 Oct 2022 20:14

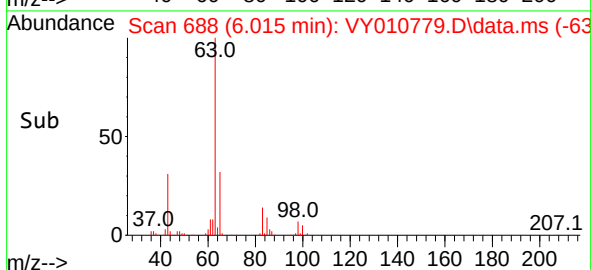
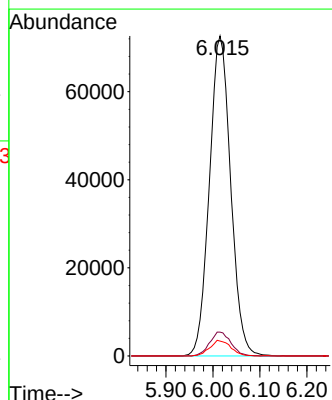
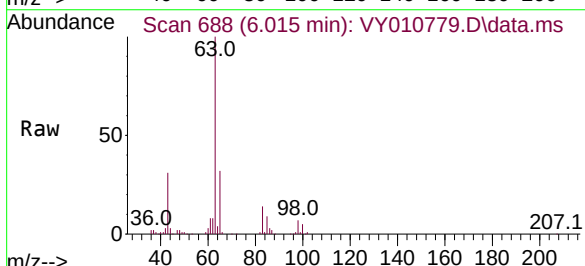
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

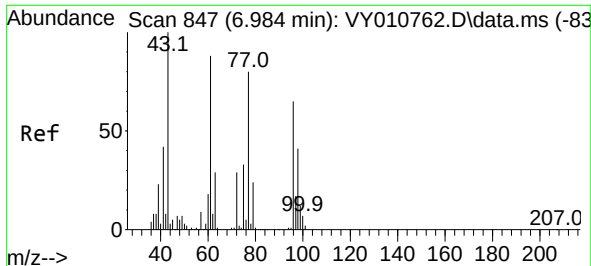
Tgt Ion: 43 Resp: 1221703
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.501 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY010779.D
 Acq: 03 Oct 2022 20:14

Tgt Ion: 63 Resp: 228325
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.7 2.0 5.8





#25

2-Butanone

Concen: 244.816 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

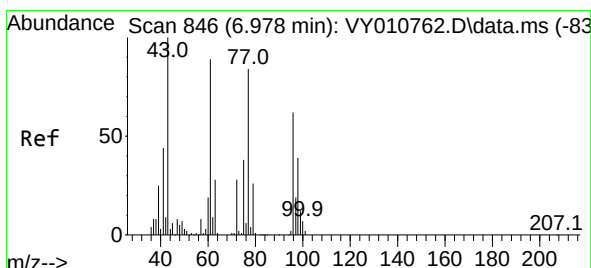
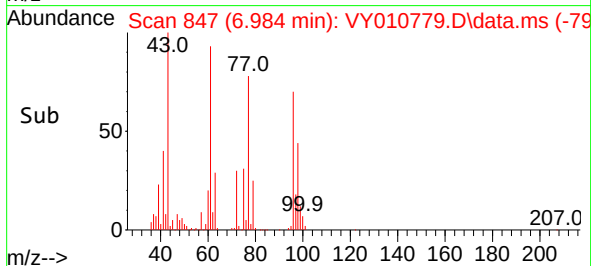
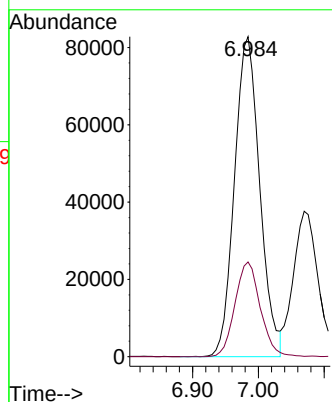
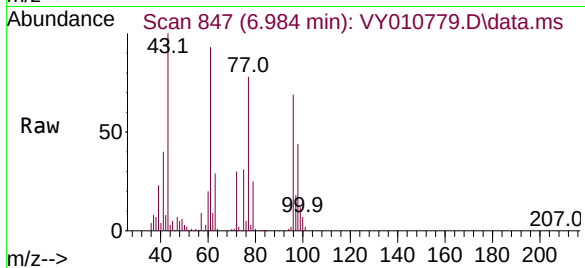
VSTDCCC050EC

Tgt Ion: 43 Resp: 221113

Ion Ratio Lower Upper

43 100

72 29.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 45.801 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010779.D

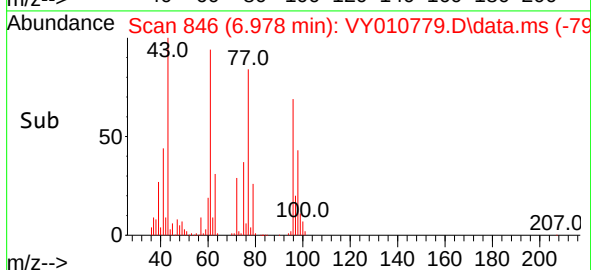
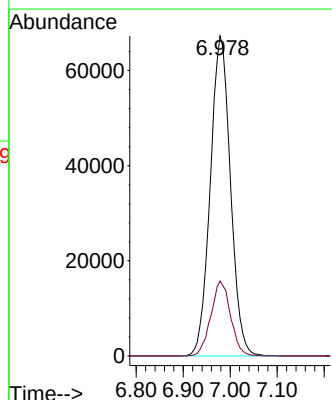
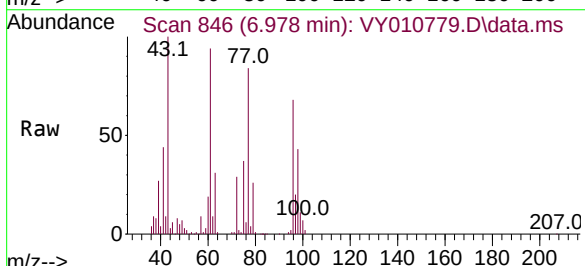
Acq: 03 Oct 2022 20:14

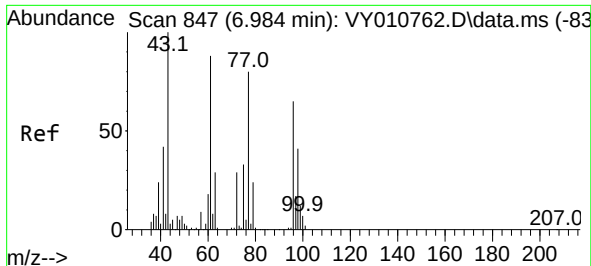
Tgt Ion: 77 Resp: 200534

Ion Ratio Lower Upper

77 100

97 22.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 51.360 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

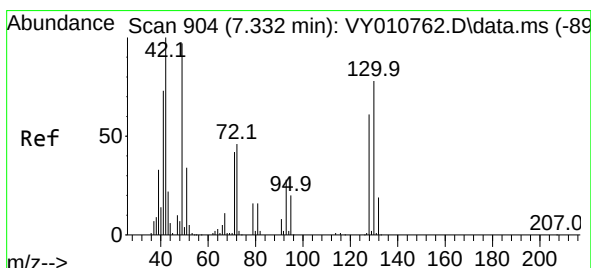
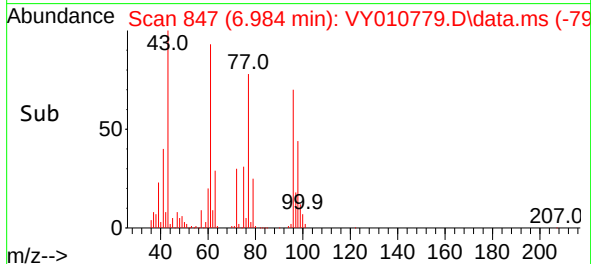
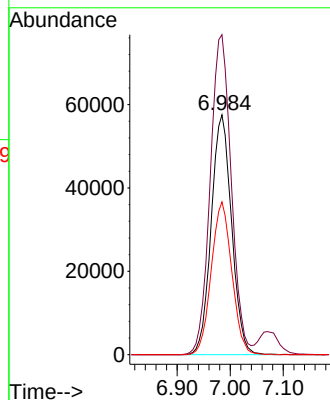
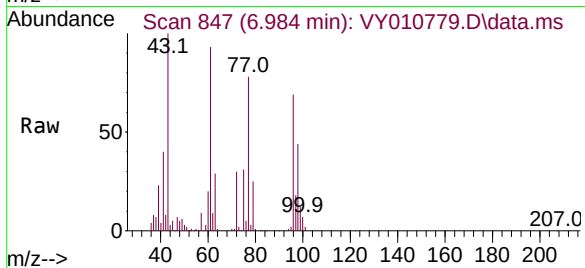
Tgt Ion: 96 Resp: 153556

Ion Ratio Lower Upper

96 100

61 137.6 0.0 319.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 53.120 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

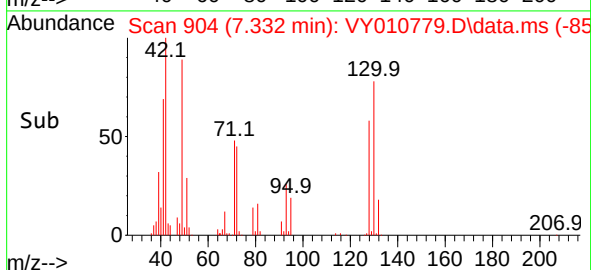
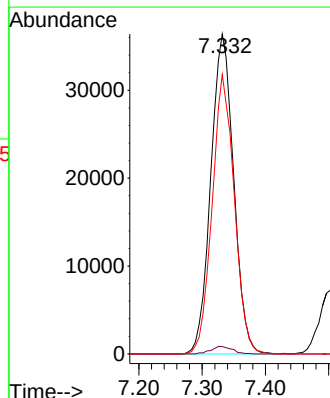
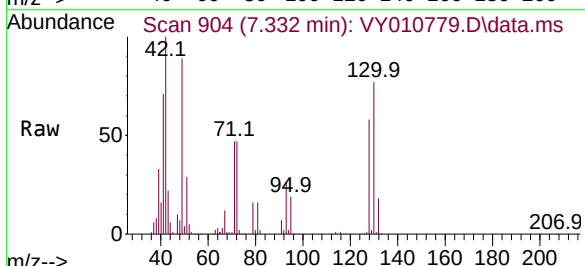
Tgt Ion: 49 Resp: 91274

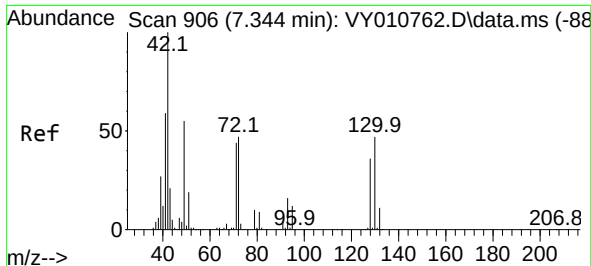
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2#

130 84.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 274.130 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

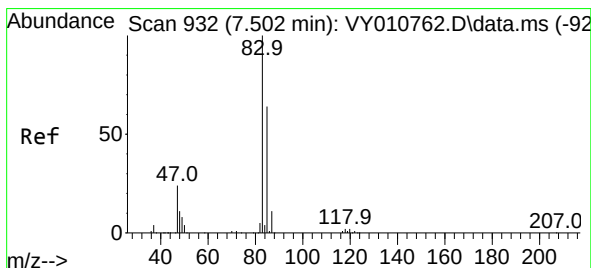
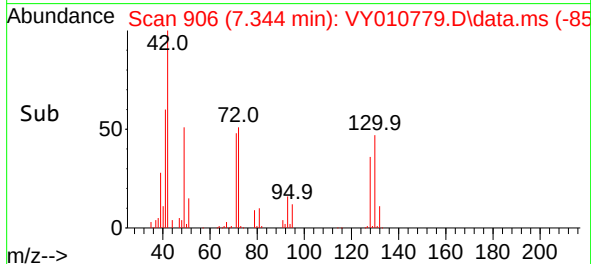
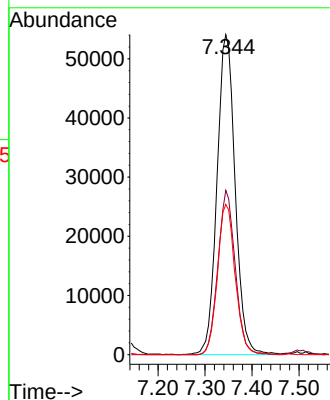
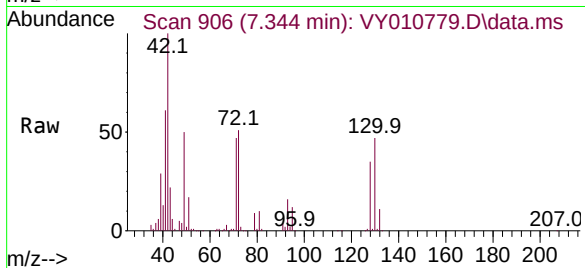
Tgt Ion: 42 Resp: 145596

Ion Ratio Lower Upper

42 100

72 48.9 30.3 45.5#

71 45.7 29.0 43.4#



#30

Chloroform

Concen: 50.941 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY010779.D

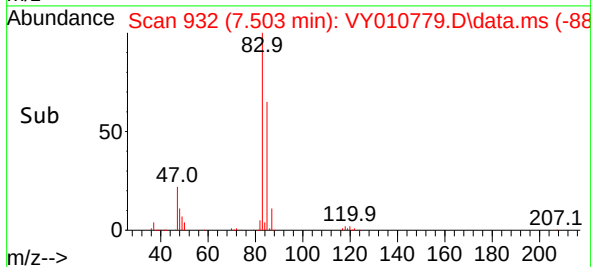
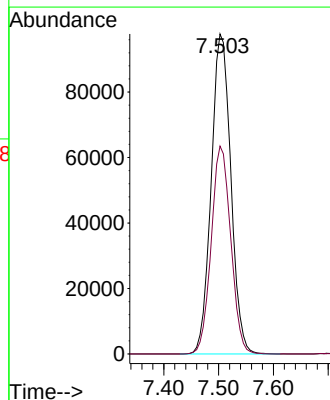
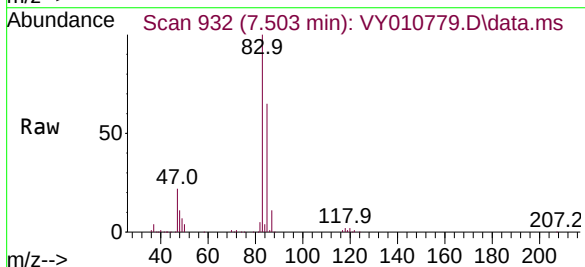
Acq: 03 Oct 2022 20:14

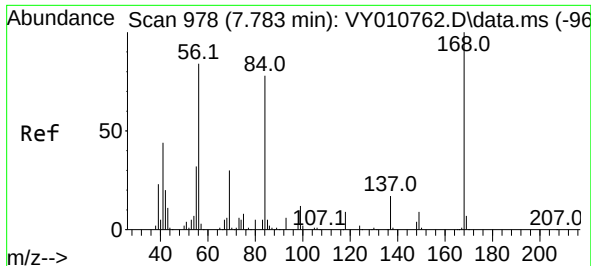
Tgt Ion: 83 Resp: 242490

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

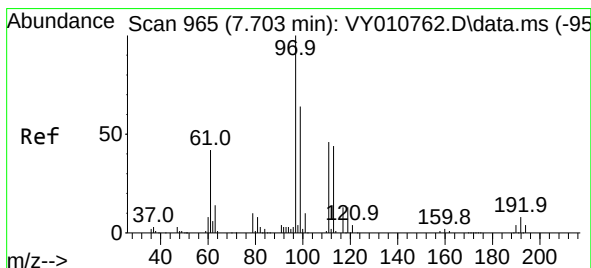
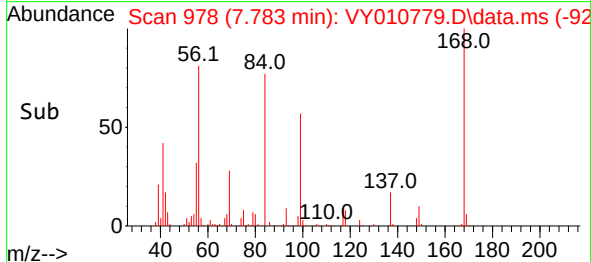
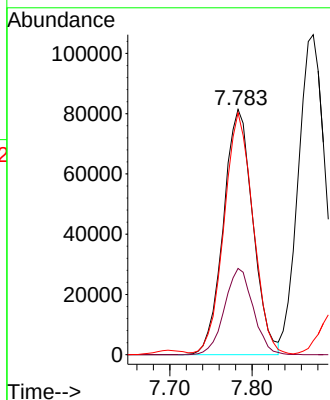
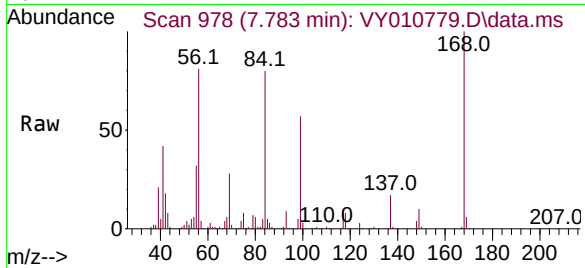




#31
Cyclohexane
Concen: 46.024 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

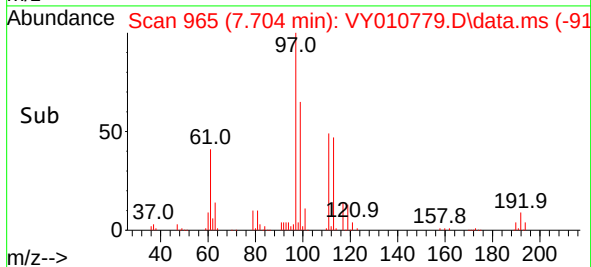
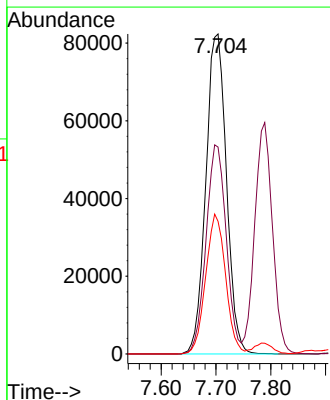
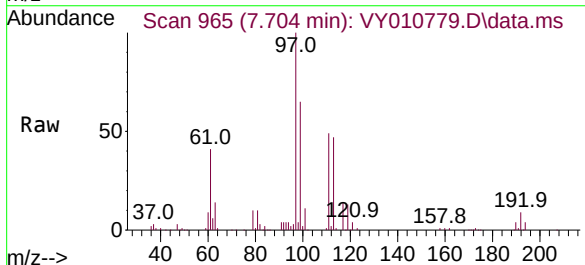
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

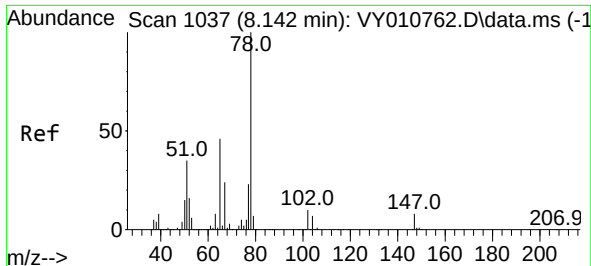
Tgt Ion: 56 Resp: 203768
Ion Ratio Lower Upper
56 100
69 35.2 26.7 40.1
84 97.2 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.111 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 97 Resp: 214887
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 42.2 37.6 56.4

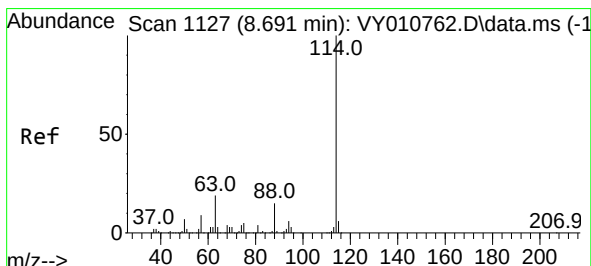
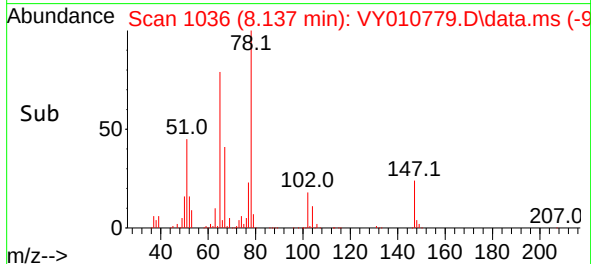
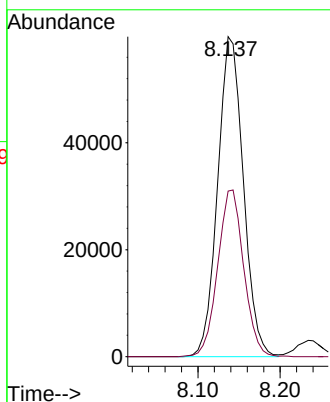
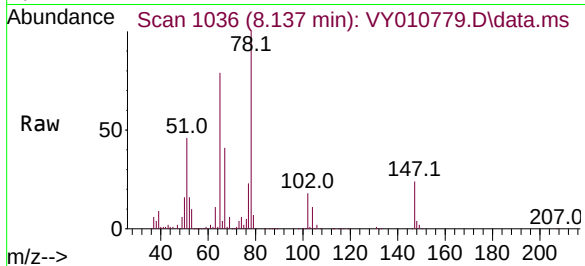




#33
1,2-Dichloroethane-d4
Concen: 52.562 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

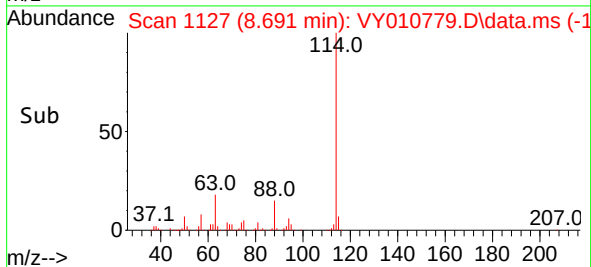
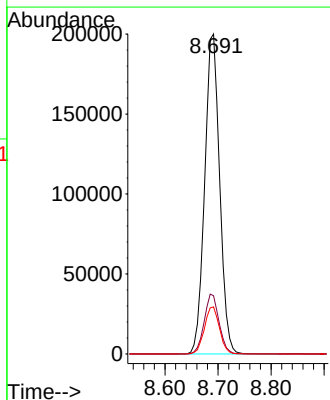
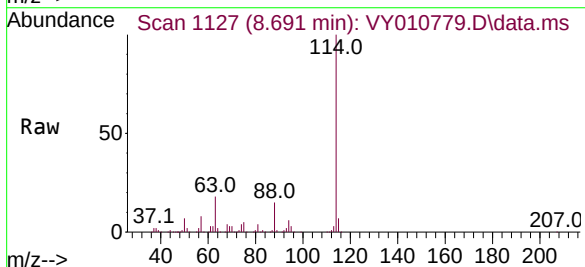
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

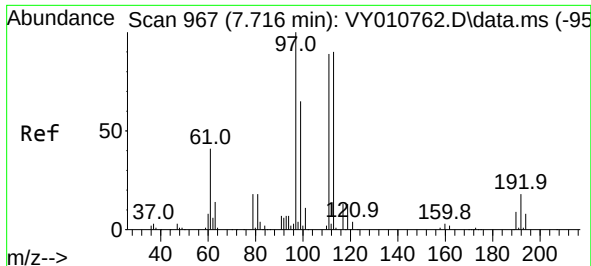
Tgt Ion: 65 Resp: 130013
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 114 Resp: 391274
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 14.7 0.0 31.8

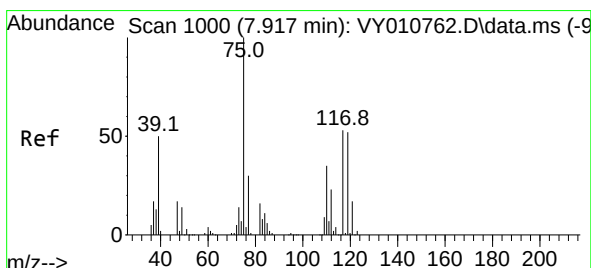
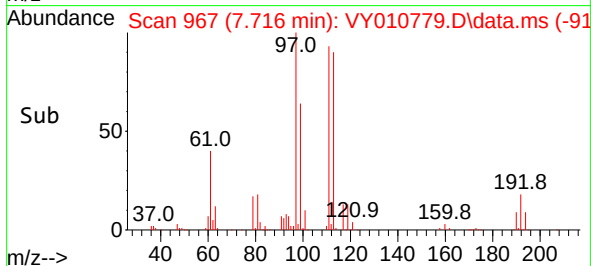
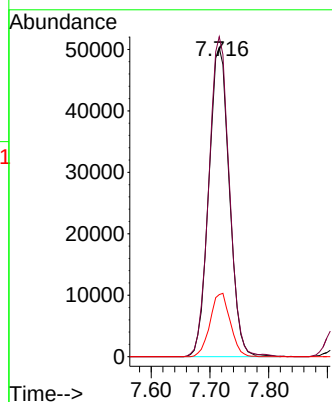
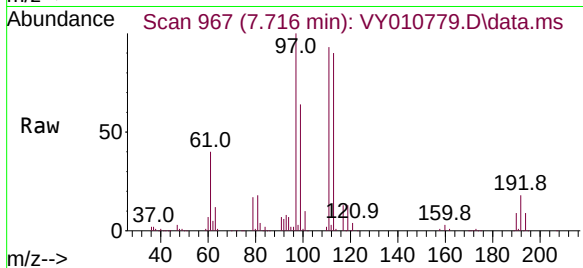




#35
 Dibromofluoromethane
 Concen: 47.076 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY010779.D
 Acq: 03 Oct 2022 20:14

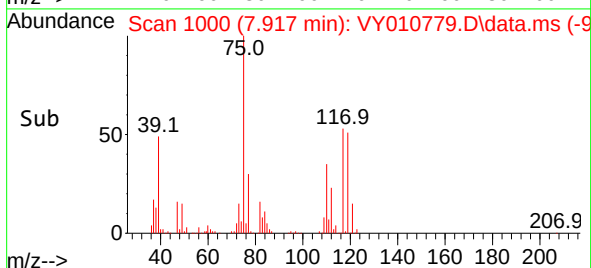
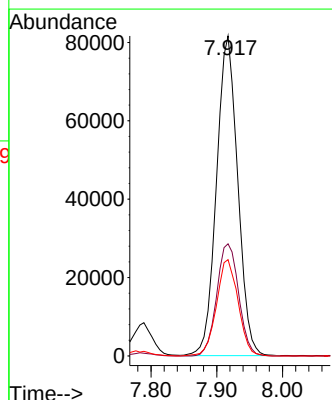
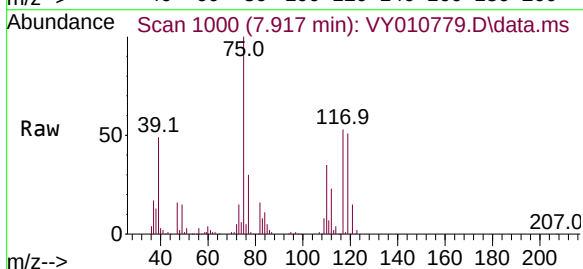
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

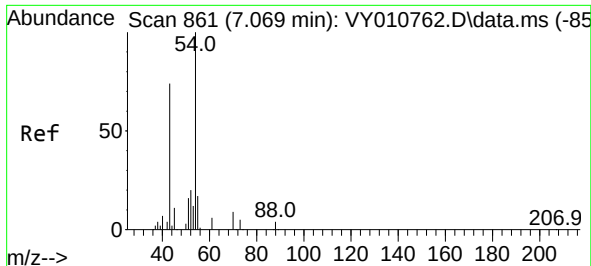
Tgt Ion:113 Resp: 122270
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 124.0
 192 20.1 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 48.910 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VY010779.D
 Acq: 03 Oct 2022 20:14

Tgt Ion: 75 Resp: 183389
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.1 51.2
 77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 54.306 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050EC

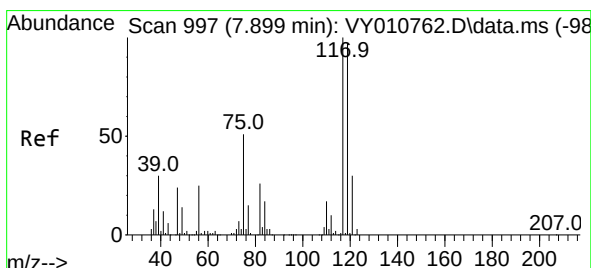
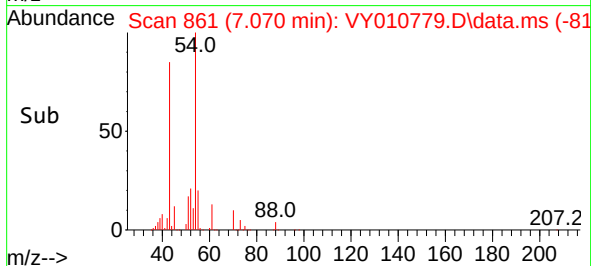
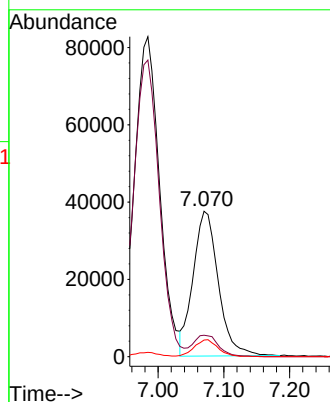
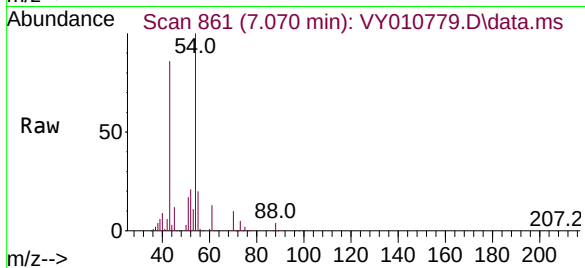
Tgt Ion: 43 Resp: 99920

Ion Ratio Lower Upper

43 100

61 15.2 9.7 14.5#

70 11.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.503 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

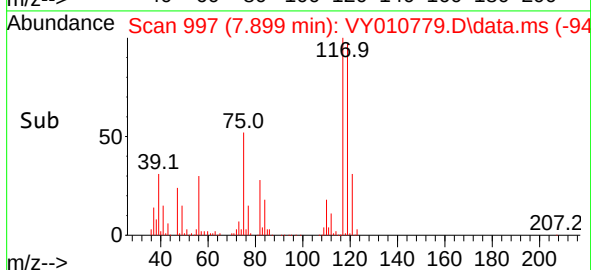
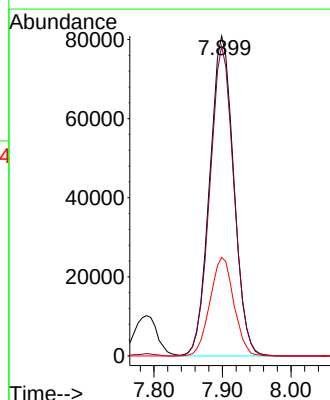
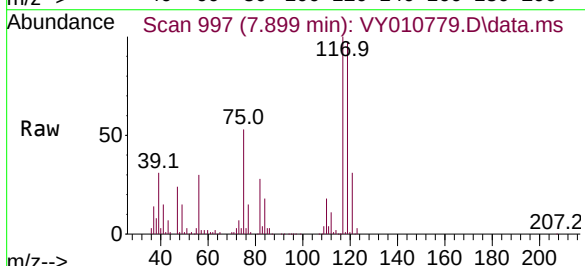
Tgt Ion: 117 Resp: 197227

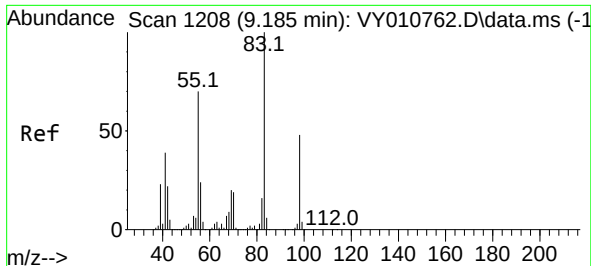
Ion Ratio Lower Upper

117 100

119 96.9 77.9 116.9

121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 49.354 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

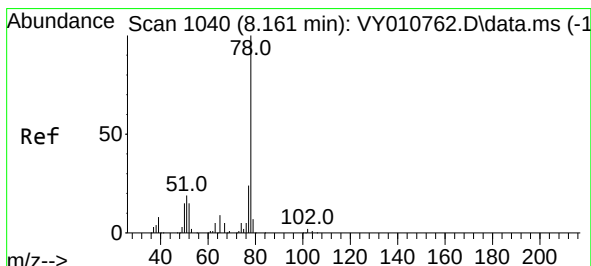
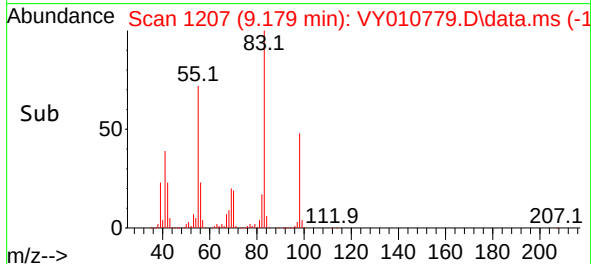
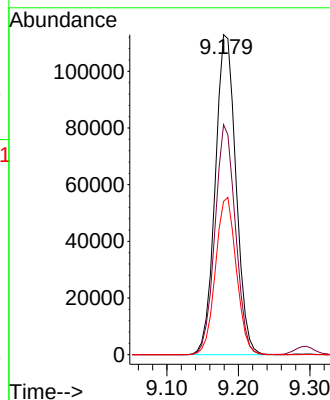
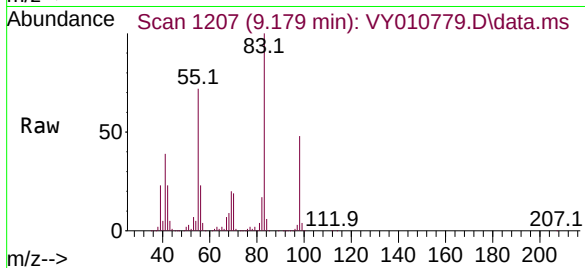
Tgt Ion: 83 Resp: 227305

Ion Ratio Lower Upper

83 100

55 71.9 66.5 99.7

98 47.9 37.9 56.9



#40

Benzene

Concen: 49.788 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY010779.D

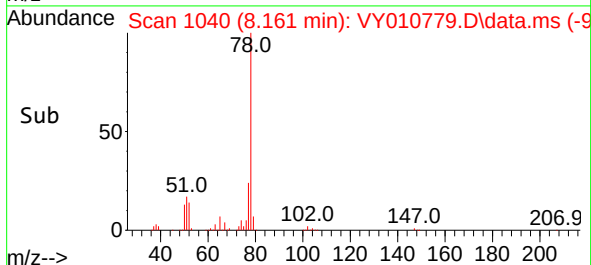
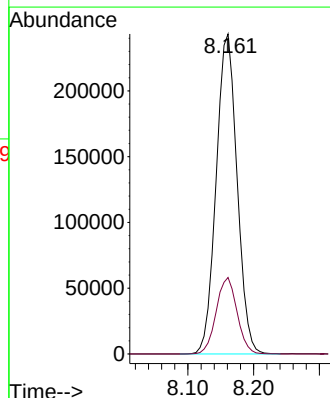
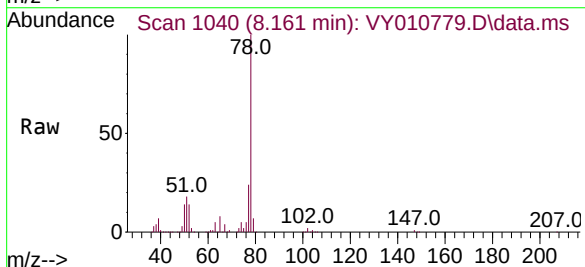
Acq: 03 Oct 2022 20:14

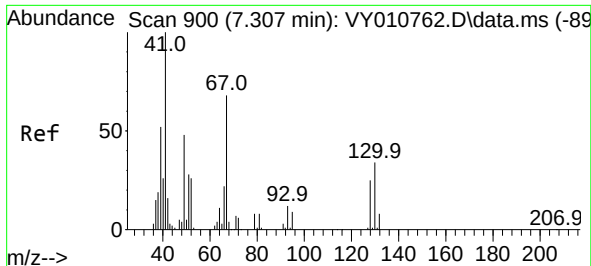
Tgt Ion: 78 Resp: 537761

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

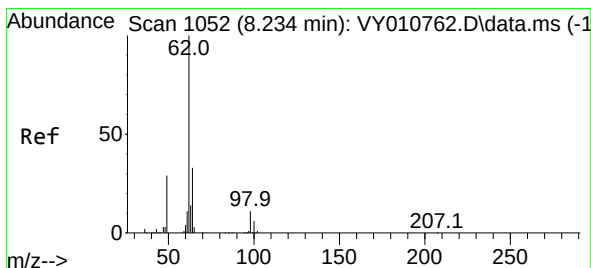
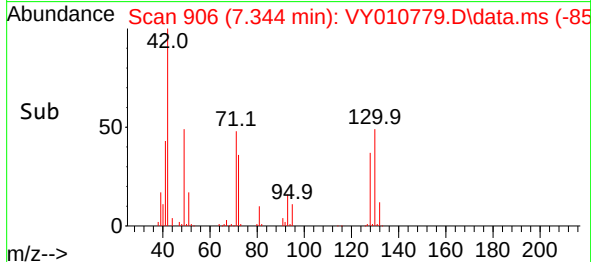
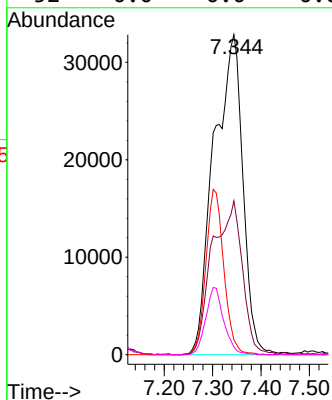
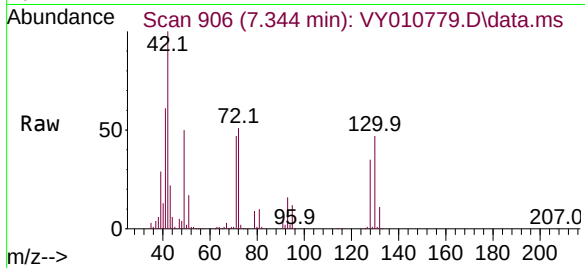




#41
Methacrylonitrile
Concen: 122.208 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

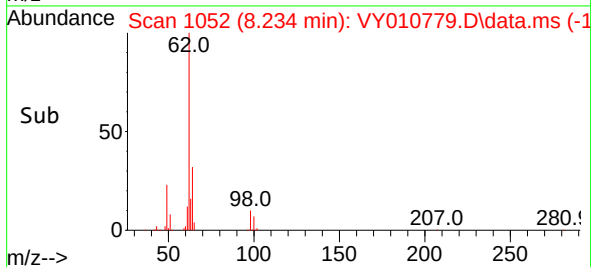
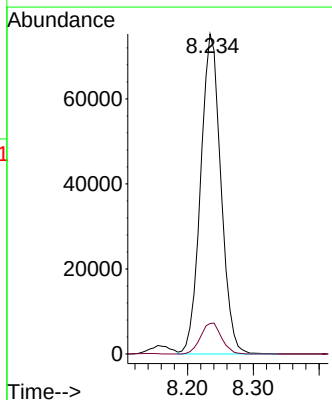
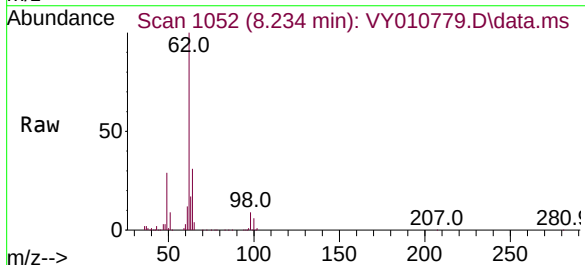
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

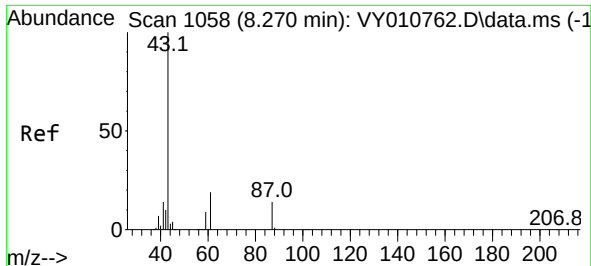
Tgt Ion: 41 Resp: 135940
Ion Ratio Lower Upper
41 100
39 49.9 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.730 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 62 Resp: 161013
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8





#43

Isopropyl Acetate

Concen: 54.125 ug/l

RT: 8.271 min Scan# 11058

Delta R.T. 0.001 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

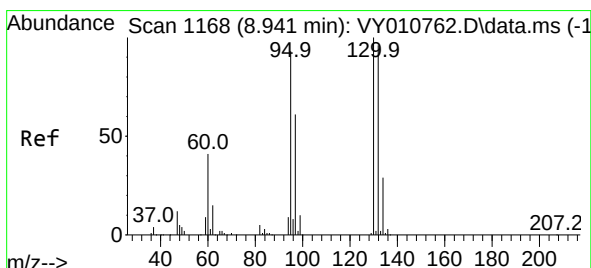
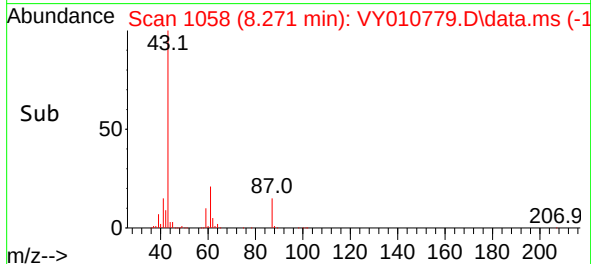
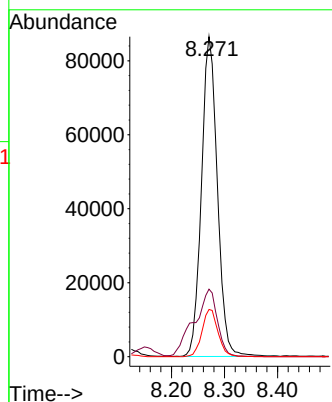
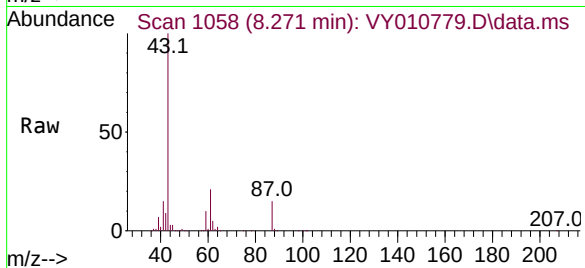
Tgt Ion: 43 Resp: 180245

Ion Ratio Lower Upper

43 100

61 30.6 20.2 30.2#

87 14.9 8.9 13.3#



#44

Trichloroethene

Concen: 50.815 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY010779.D

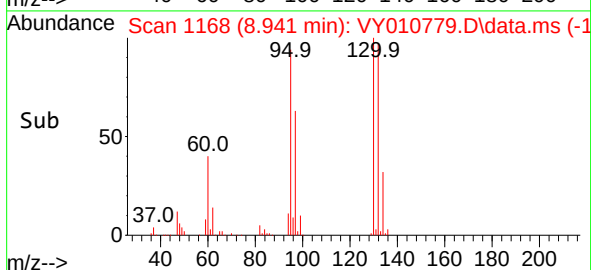
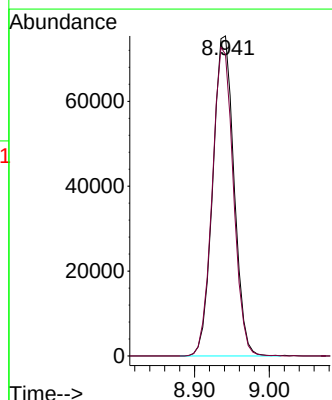
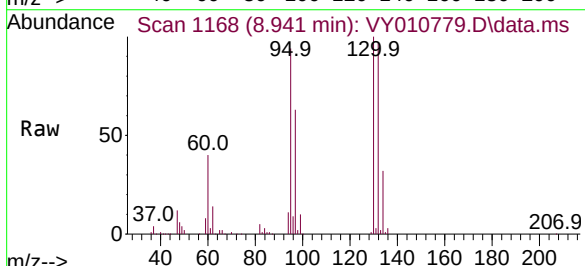
Acq: 03 Oct 2022 20:14

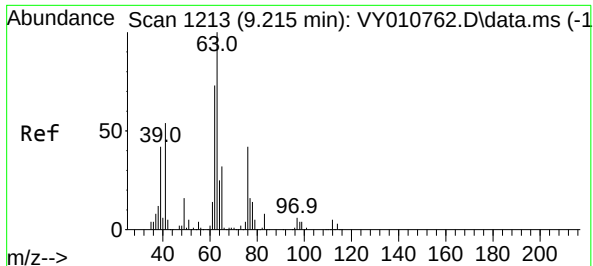
Tgt Ion:130 Resp: 148608

Ion Ratio Lower Upper

130 100

95 94.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.943 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

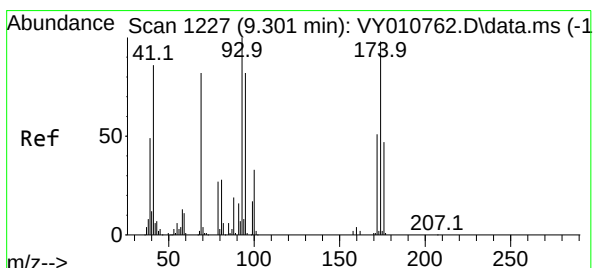
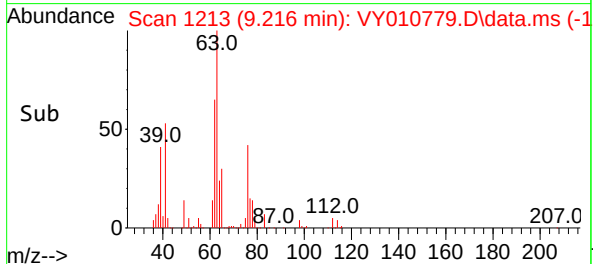
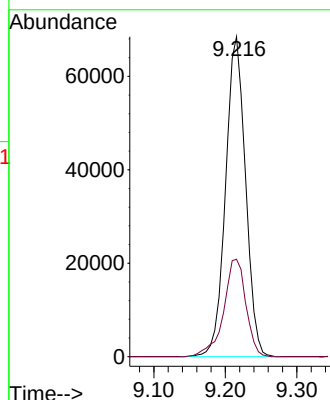
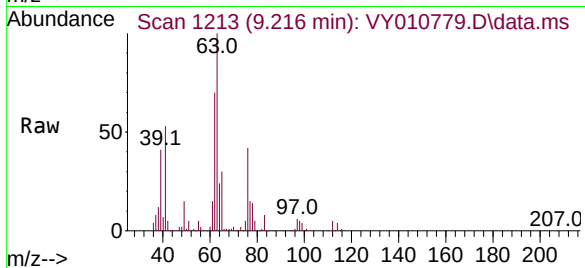
VSTDCCC050EC

Tgt Ion: 63 Resp: 132647

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 54.121 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

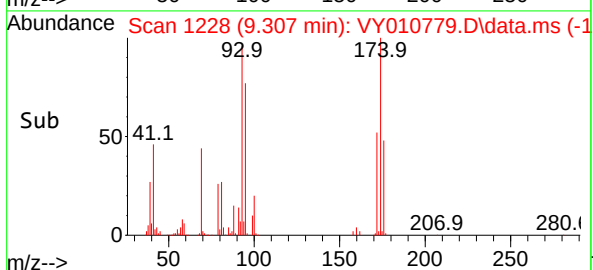
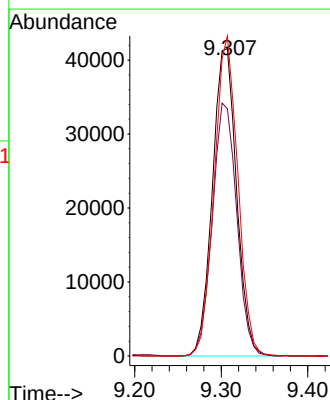
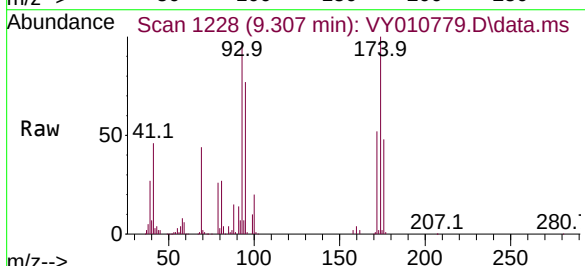
Tgt Ion: 93 Resp: 80605

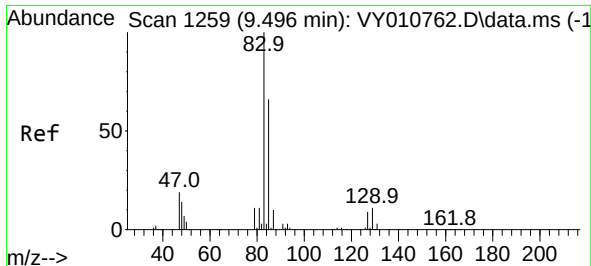
Ion Ratio Lower Upper

93 100

95 82.9 64.3 96.5

174 101.3 83.4 125.0

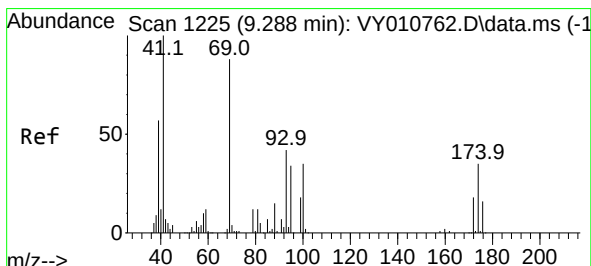
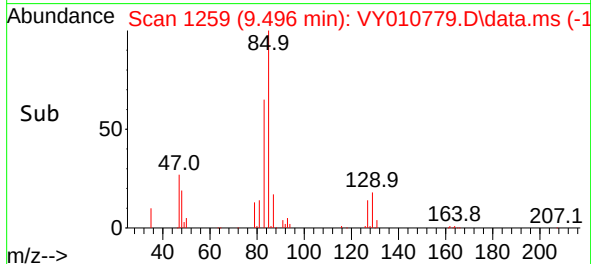
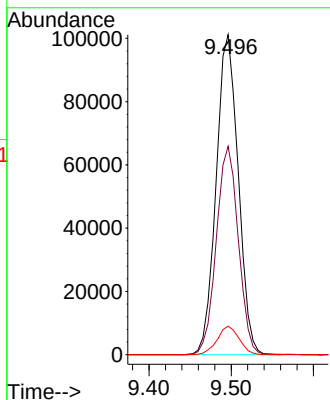
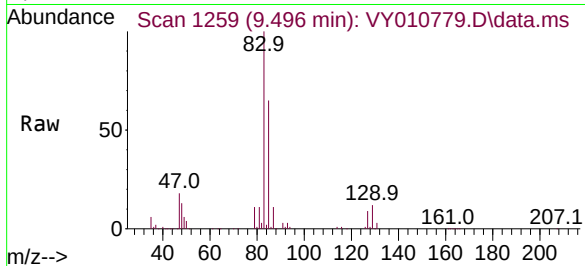




#47
Bromodichloromethane
Concen: 52.443 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

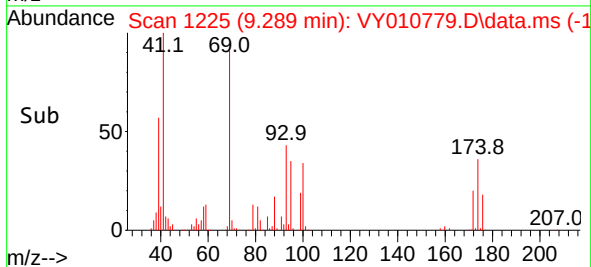
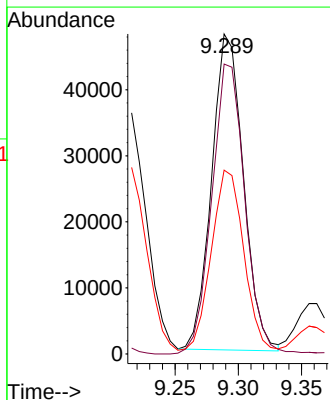
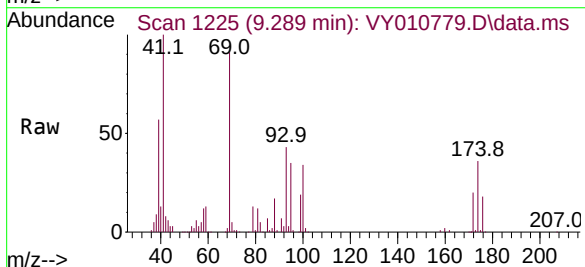
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

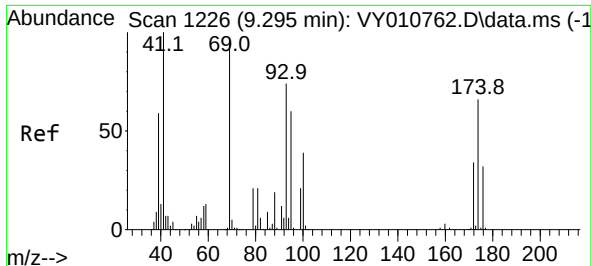
Tgt Ion: 83 Resp: 188495
Ion Ratio Lower Upper
83 100
85 65.1 51.9 77.9
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 53.406 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 41 Resp: 83533
Ion Ratio Lower Upper
41 100
69 95.8 58.2 87.2#
39 58.1 47.4 71.0





#49

1,4-Dioxane

Concen: 1168.059 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

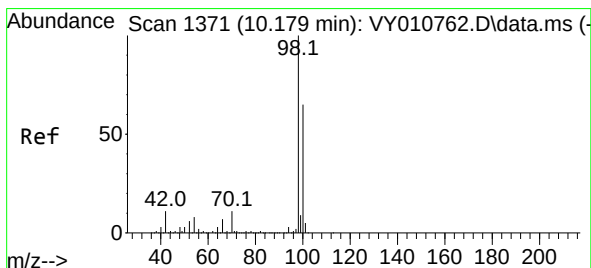
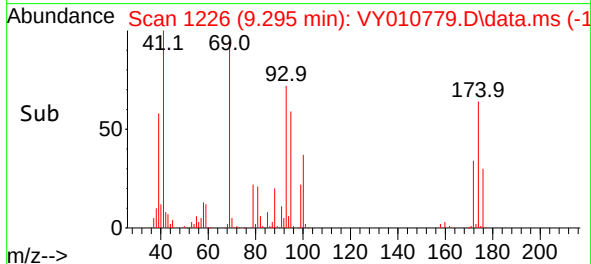
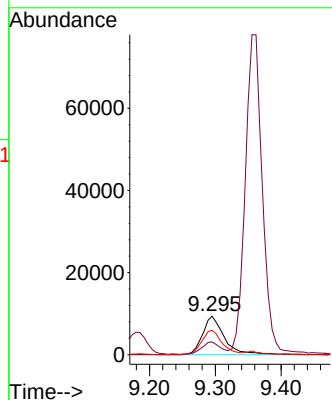
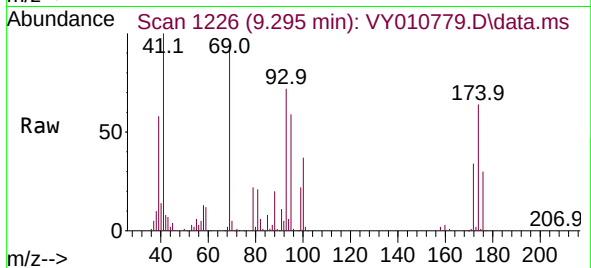
Tgt Ion: 88 Resp: 21415

Ion Ratio Lower Upper

88 100

43 28.0 32.8 49.2#

58 59.4 59.8 89.6#



#50

Toluene-d8

Concen: 53.229 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010779.D

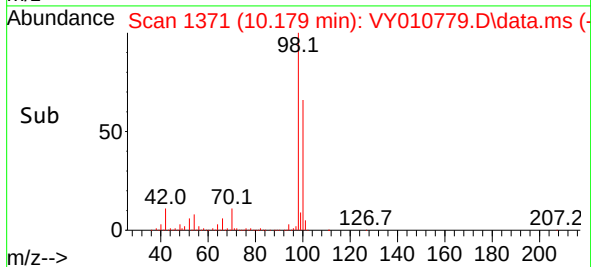
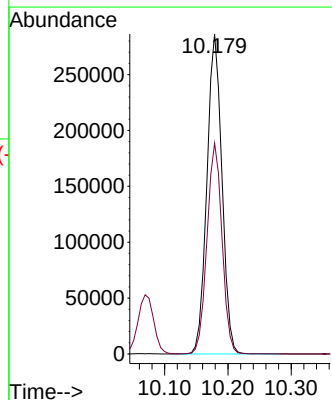
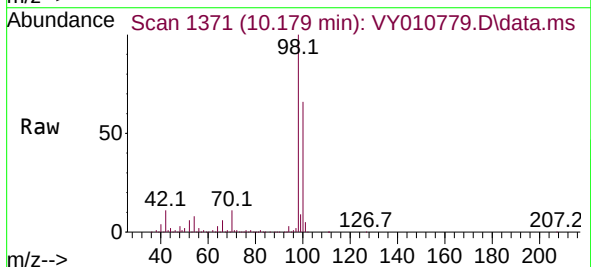
Acq: 03 Oct 2022 20:14

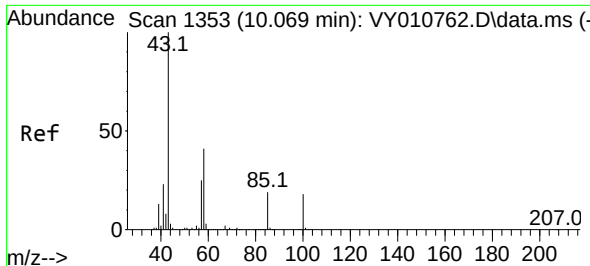
Tgt Ion: 98 Resp: 472810

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

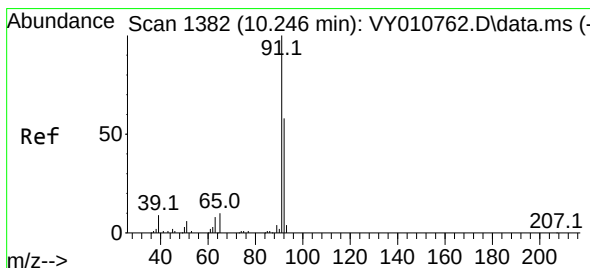
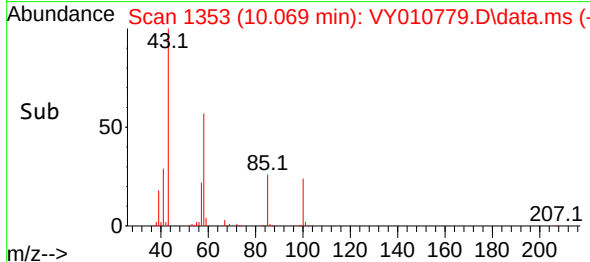
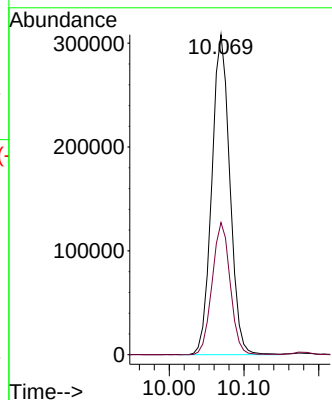
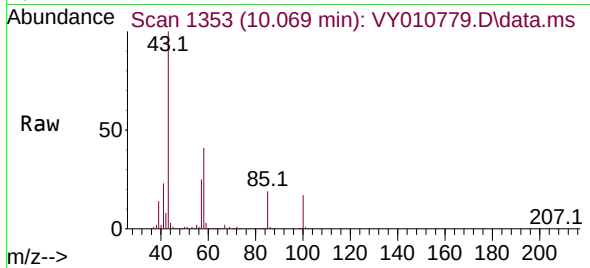




#51
4-Methyl-2-Pentanone
Concen: 283.227 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

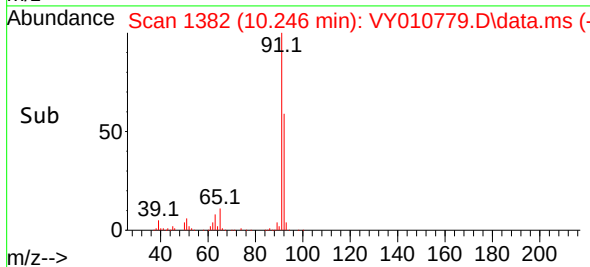
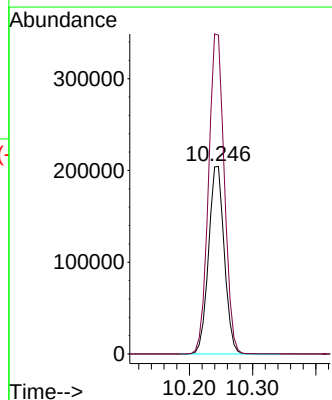
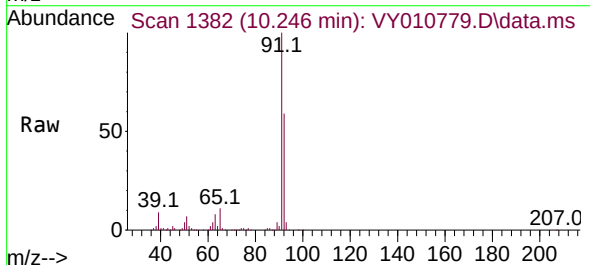
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

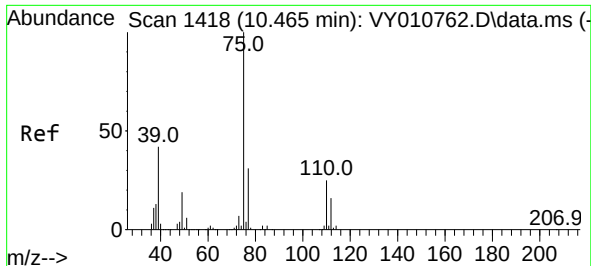
Tgt Ion: 43 Resp: 516021
Ion Ratio Lower Upper
43 100
58 41.2 28.1 42.1



#52
Toluene
Concen: 51.213 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 92 Resp: 352037
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8

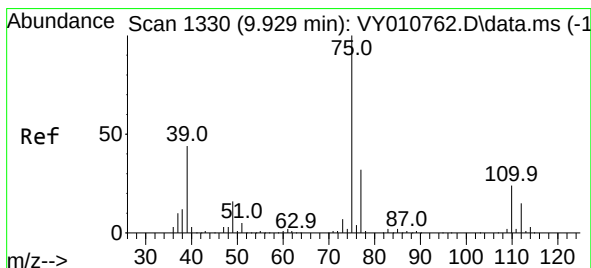
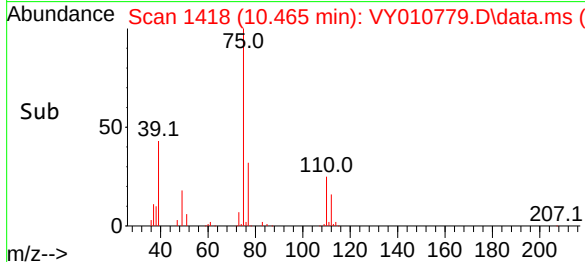
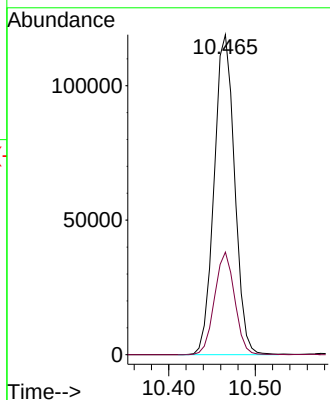
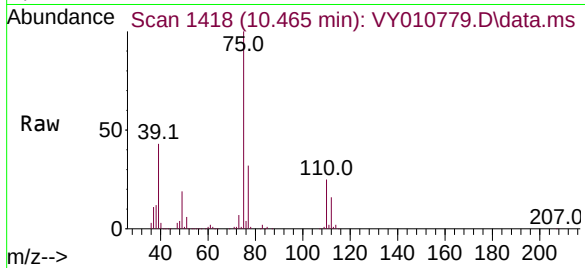




#53
t-1,3-Dichloropropene
Concen: 52.420 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

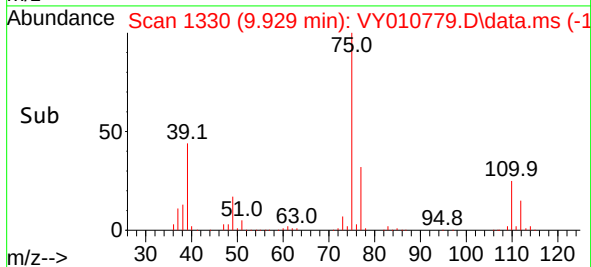
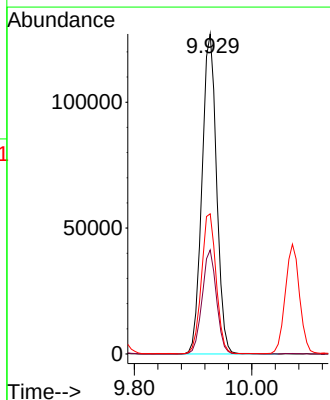
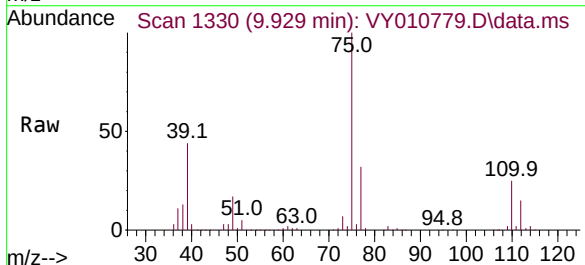
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

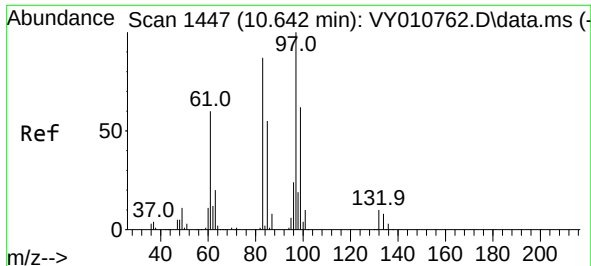
Tgt Ion: 75 Resp: 195069
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.449 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 75 Resp: 219243
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
39 43.7 47.6 71.4#



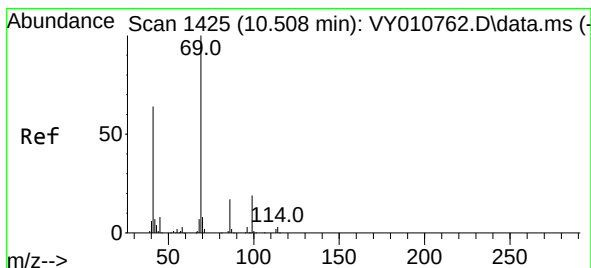
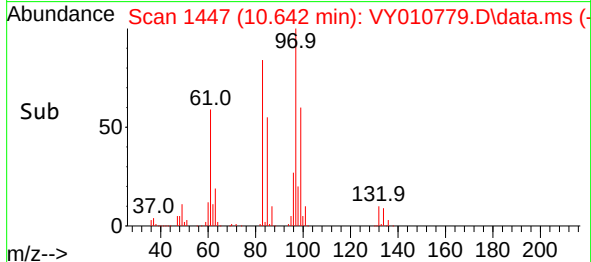
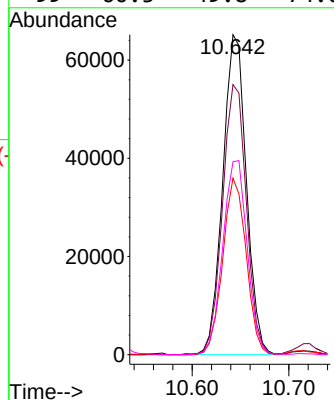
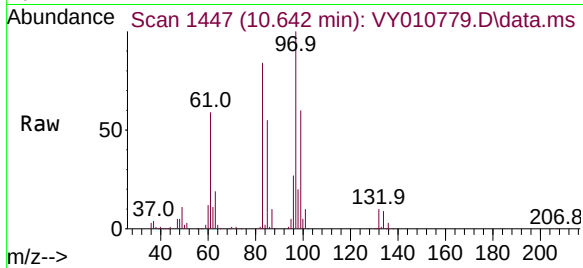


#55
1,1,2-Trichloroethane
Concen: 52.909 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 110569

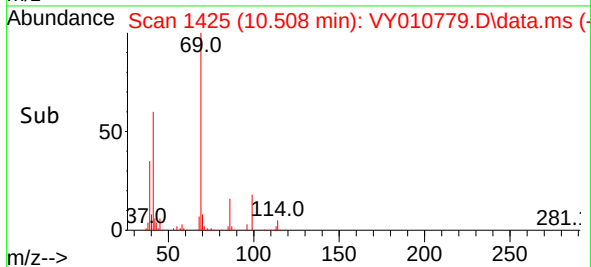
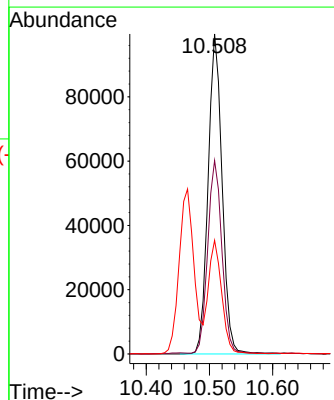
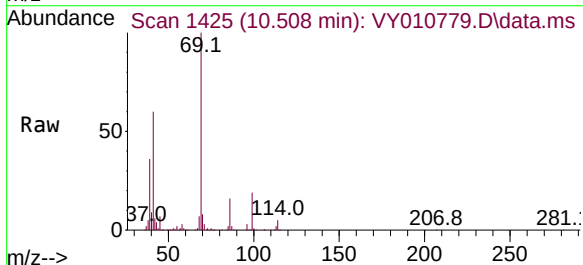
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.8	104.8
85	55.1	44.3	66.5
99	60.3	49.8	74.6

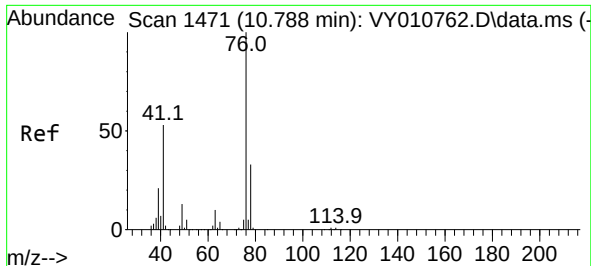


#56
Ethyl methacrylate
Concen: 57.237 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 69 Resp: 153687

Ion	Ratio	Lower	Upper
69	100		
41	60.7	63.4	95.0#
39	33.2	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 53.322 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

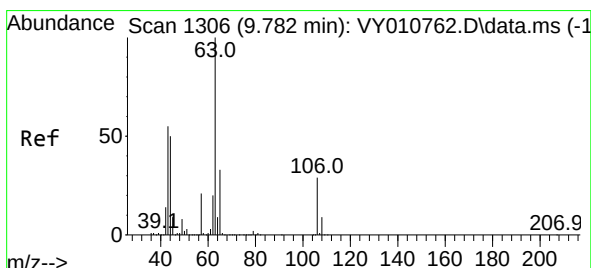
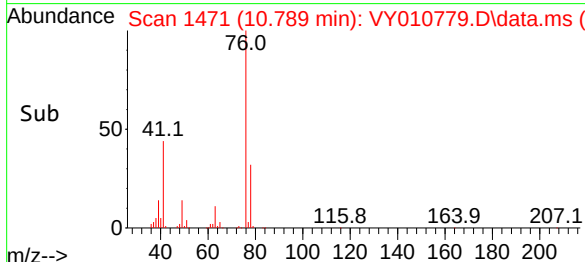
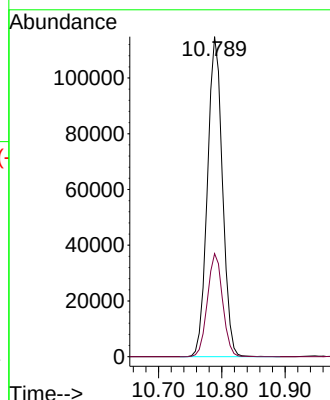
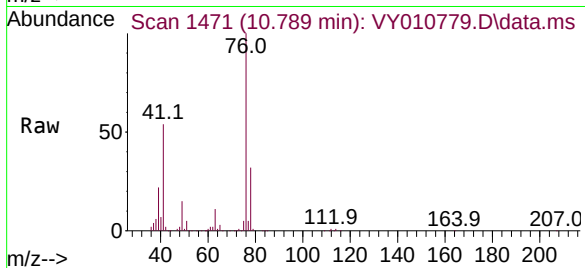
VSTDCCC050EC

Tgt Ion: 76 Resp: 189456

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 271.405 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY010779.D

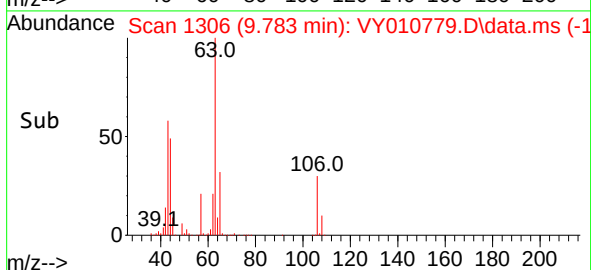
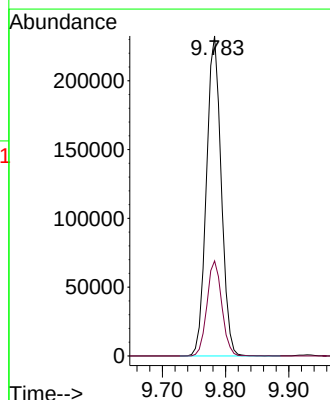
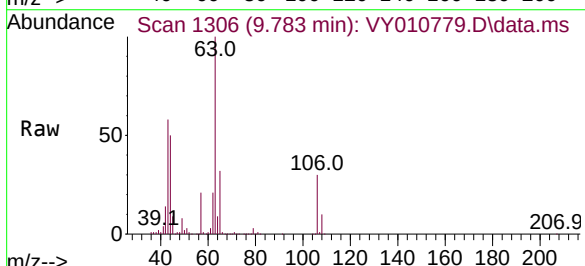
Acq: 03 Oct 2022 20:14

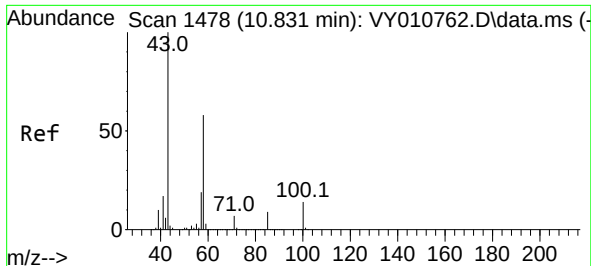
Tgt Ion: 63 Resp: 378118

Ion Ratio Lower Upper

63 100

106 29.8 21.5 32.3

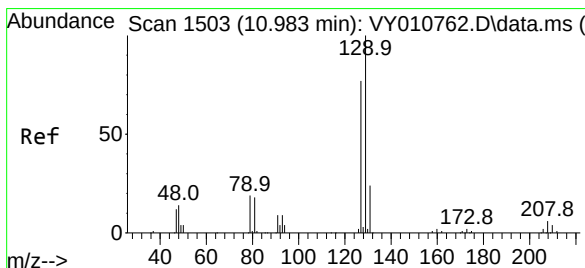
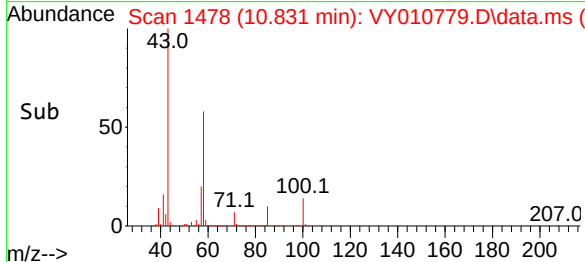
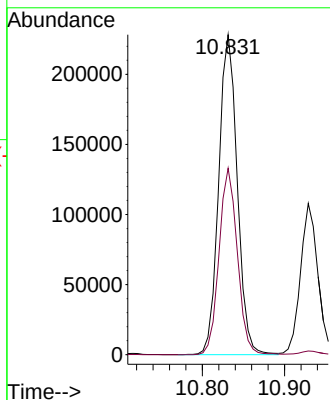
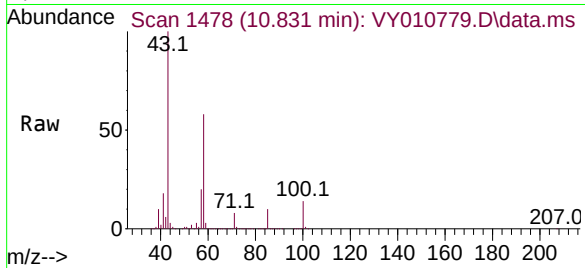




#59
2-Hexanone
Concen: 283.886 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

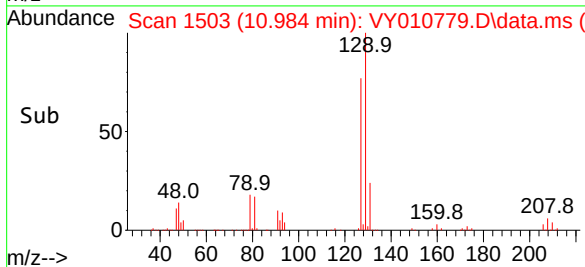
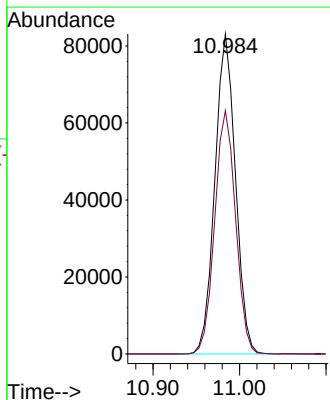
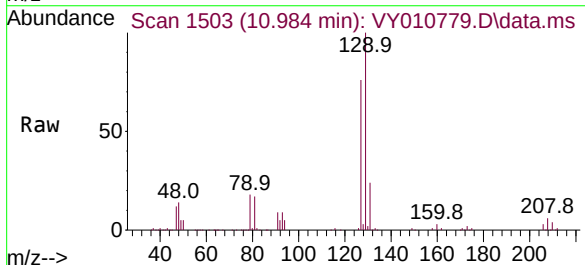
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

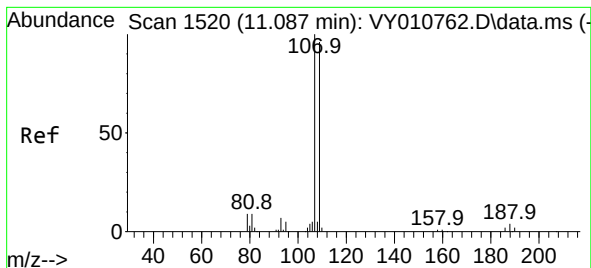
Tgt Ion: 43 Resp: 358224
Ion Ratio Lower Upper
43 100
58 57.5 24.4 73.4



#60
Dibromochloromethane
Concen: 54.684 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 129 Resp: 137017
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

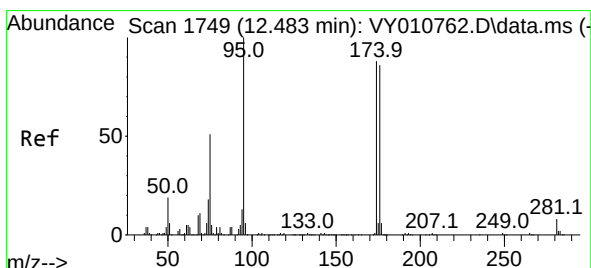
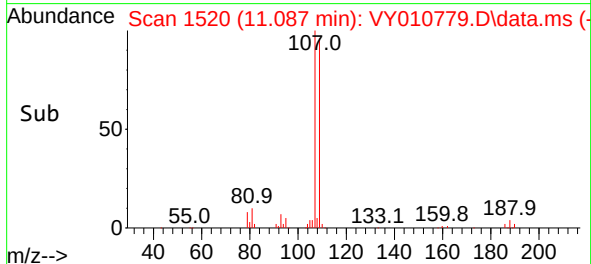
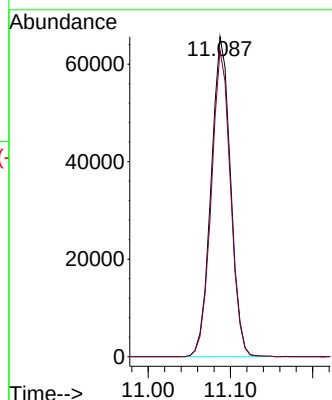
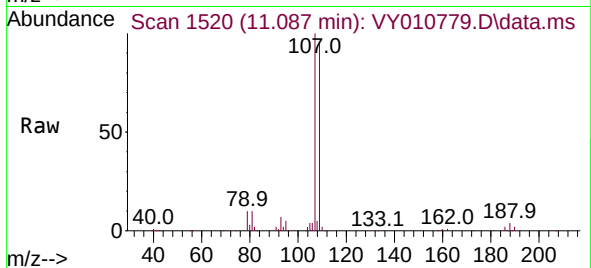




#61
1,2-Dibromoethane
Concen: 54.154 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

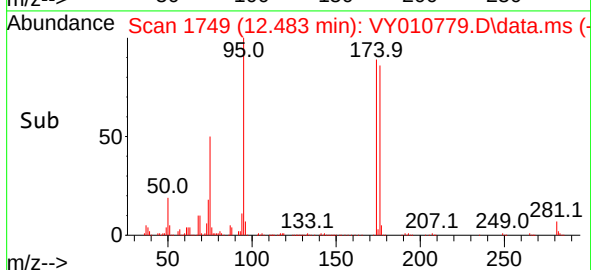
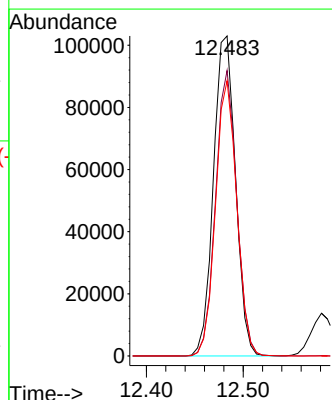
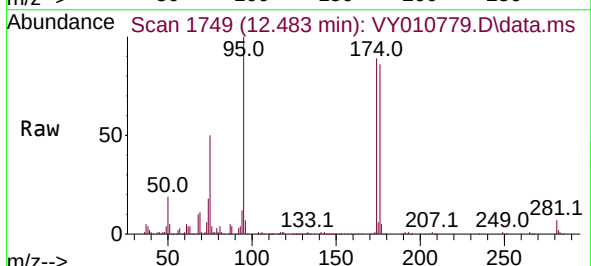
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

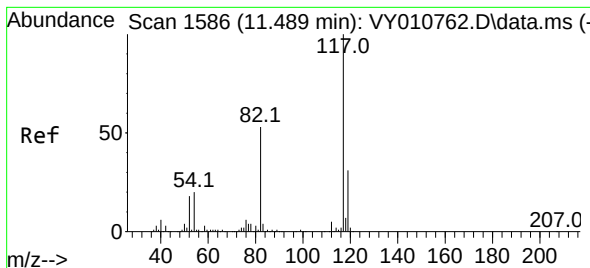
Tgt Ion:107 Resp: 107906
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.766 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 95 Resp: 163115
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.7 0.0 175.8

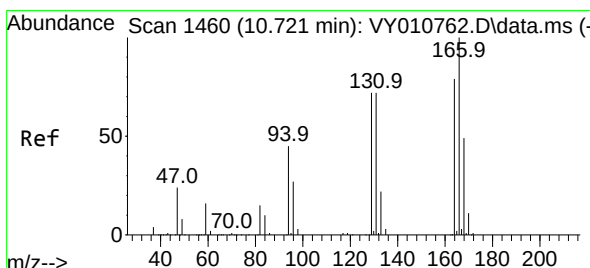
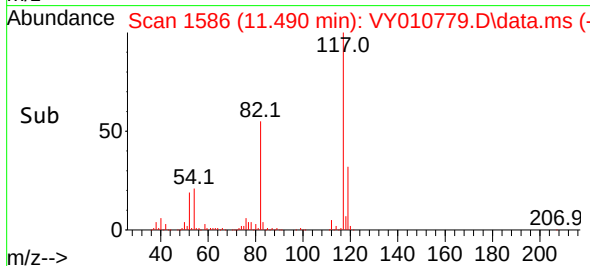
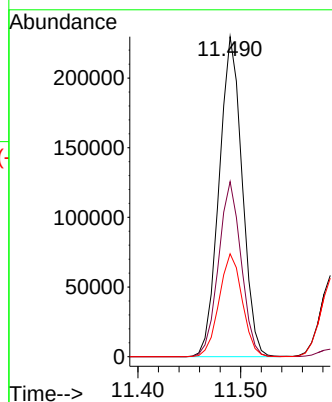
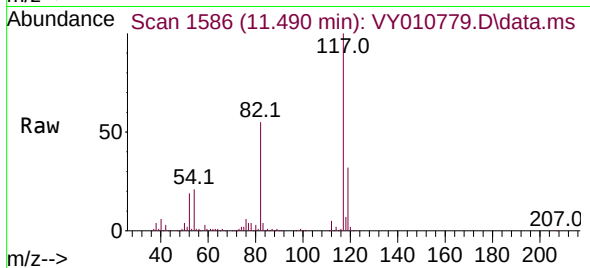




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

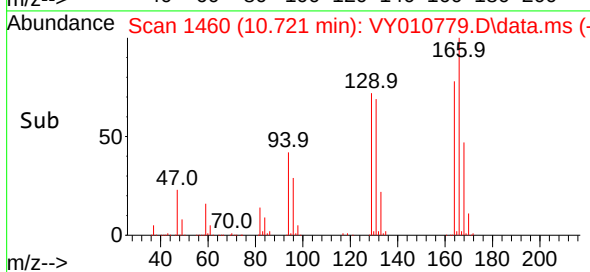
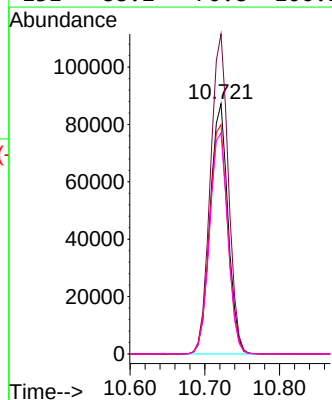
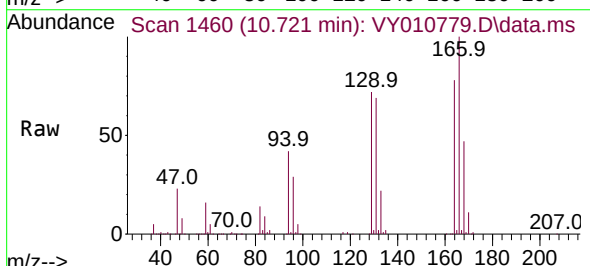
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

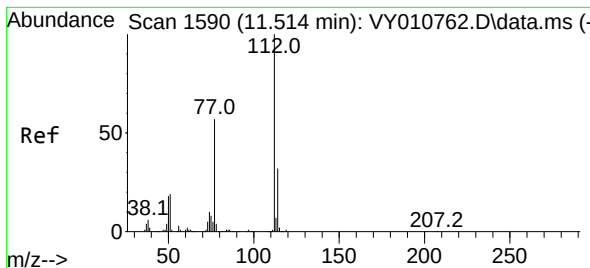
Tgt Ion:117 Resp: 357686
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 51.211 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion:164 Resp: 145238
Ion Ratio Lower Upper
164 100
166 127.9 100.4 150.6
129 91.7 71.4 107.0
131 88.2 70.8 106.2





#65

Chlorobenzene

Concen: 50.424 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

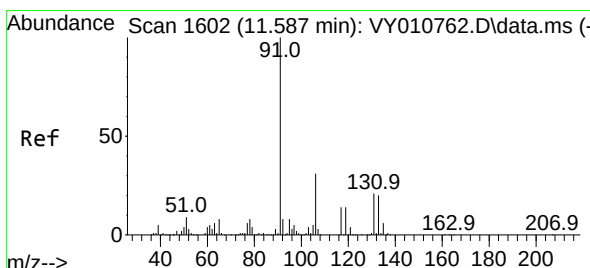
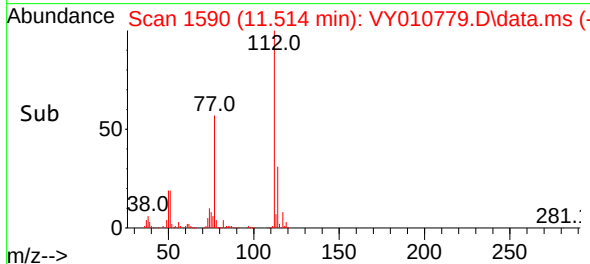
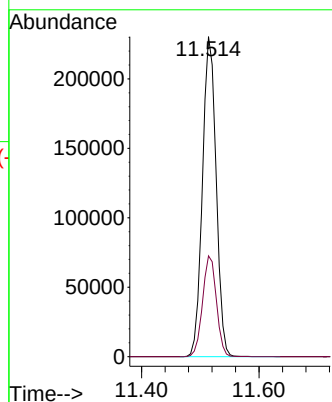
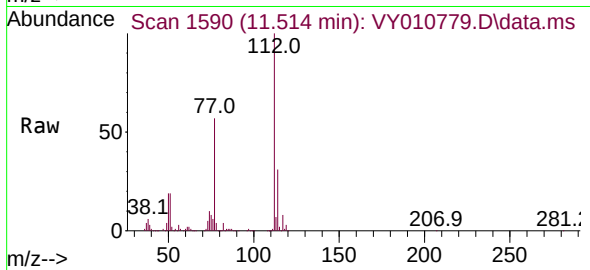
VSTDCCC050EC

Tgt Ion:112 Resp: 373501

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.841 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

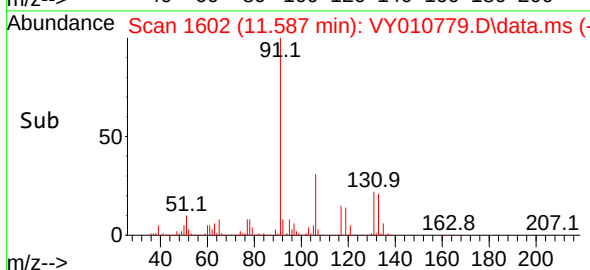
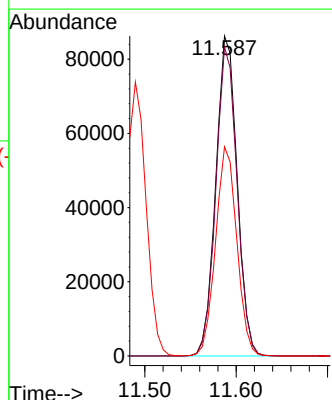
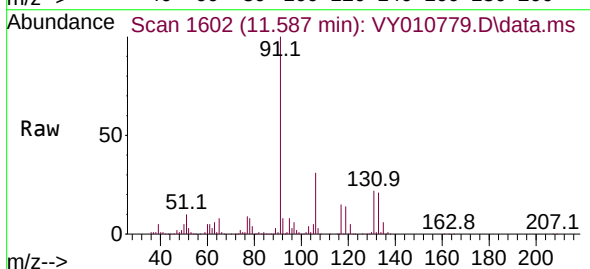
Tgt Ion:131 Resp: 140355

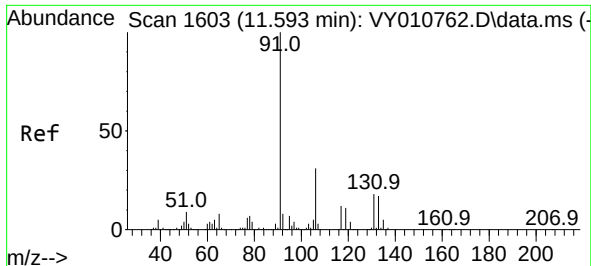
Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.6

119 65.1 30.8 92.3

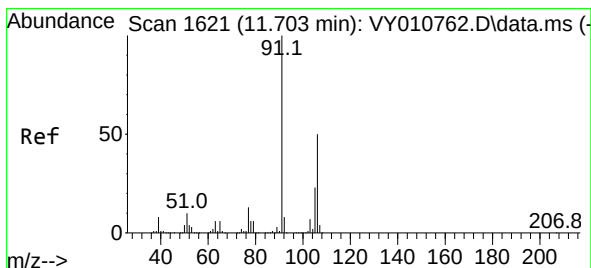
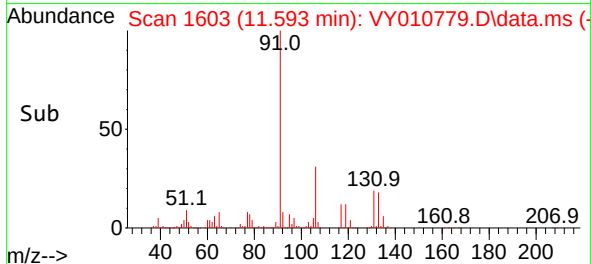
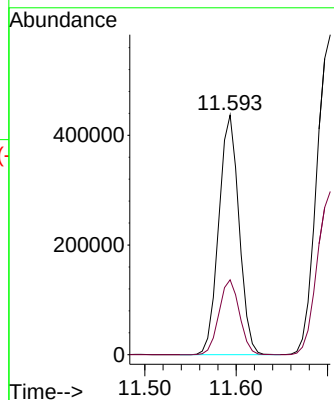
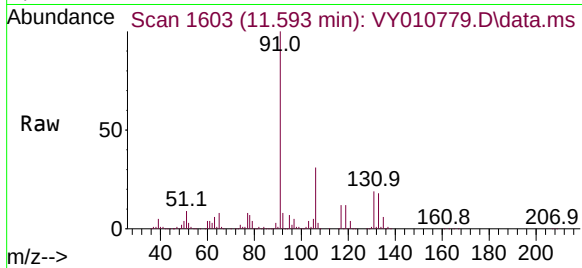




#67
Ethyl Benzene
Concen: 50.472 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

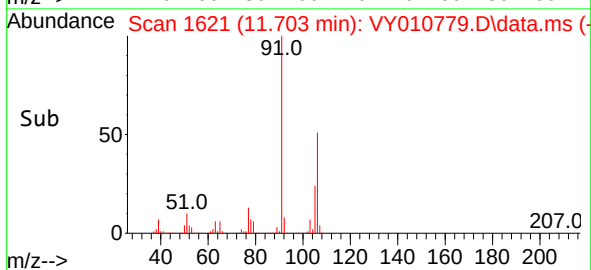
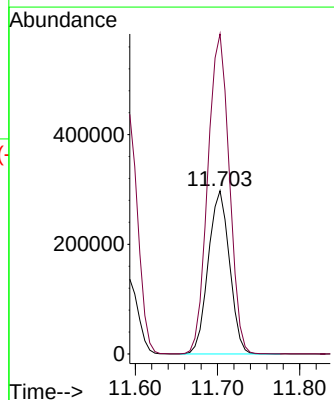
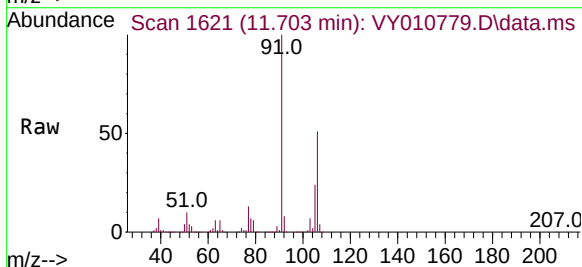
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

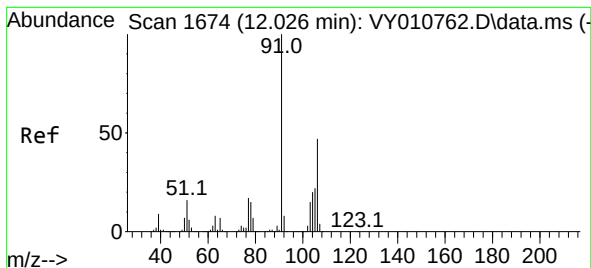
Tgt Ion: 91 Resp: 672810
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 102.399 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 106 Resp: 534214
Ion Ratio Lower Upper
106 100
91 198.2 166.6 249.8





#69

o-Xylene

Concen: 51.968 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

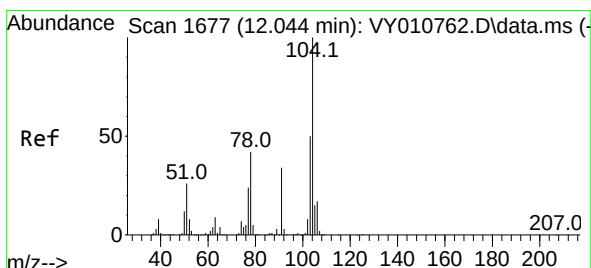
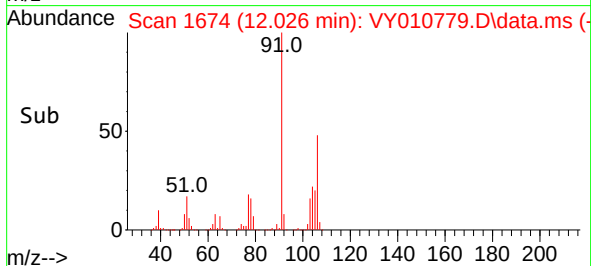
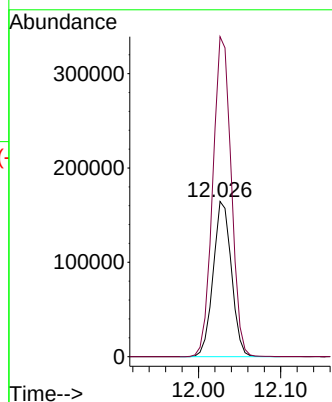
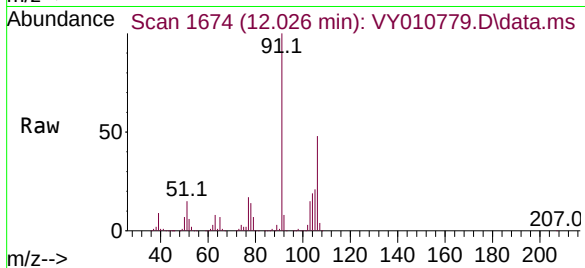
VSTDCCC050EC

Tgt Ion:106 Resp: 253480

Ion Ratio Lower Upper

106 100

91 208.7 110.3 331.0



#70

Styrene

Concen: 53.082 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

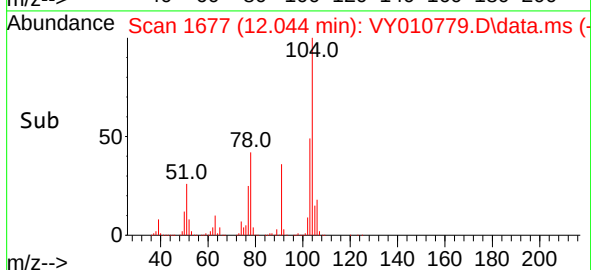
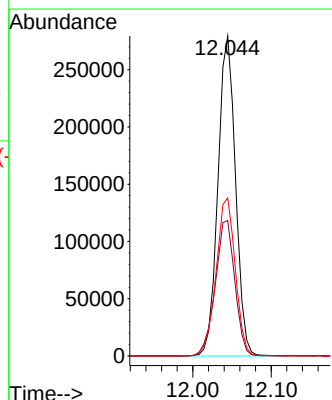
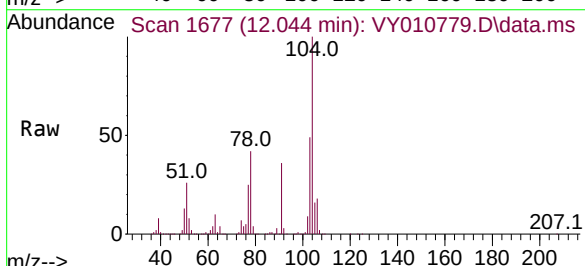
Tgt Ion:104 Resp: 436352

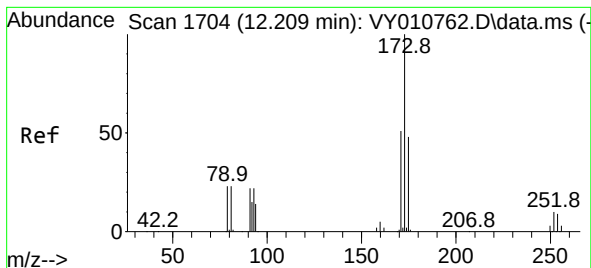
Ion Ratio Lower Upper

104 100

78 47.2 42.4 63.6

103 54.0 44.4 66.6





#71

Bromoform

Concen: 54.730 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

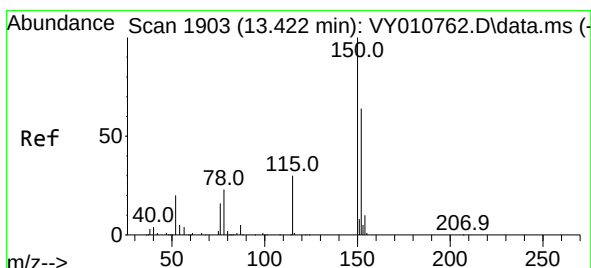
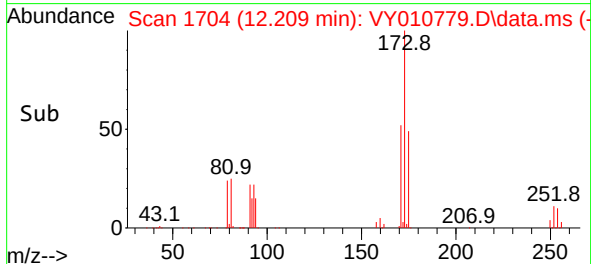
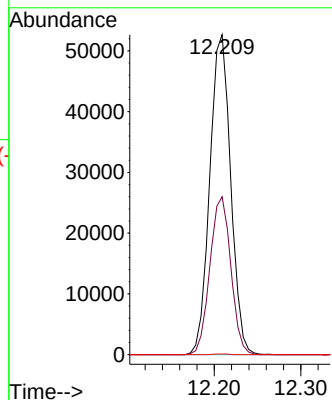
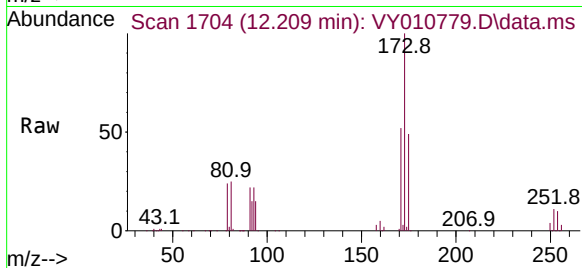
Tgt Ion:173 Resp: 88201

Ion Ratio Lower Upper

173 100

175 49.4 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

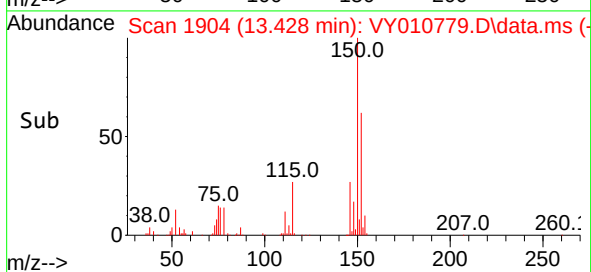
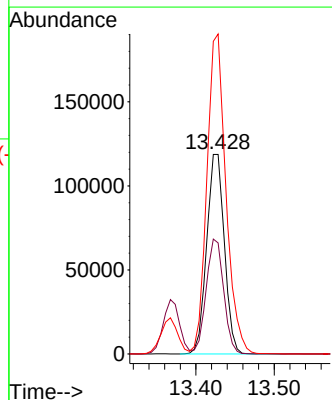
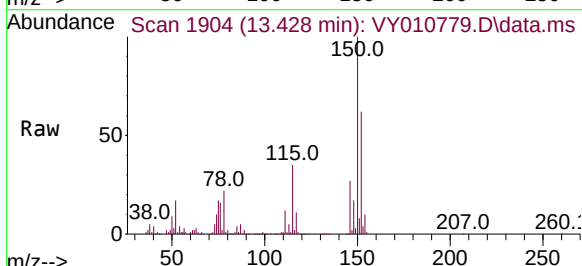
Tgt Ion:152 Resp: 185837

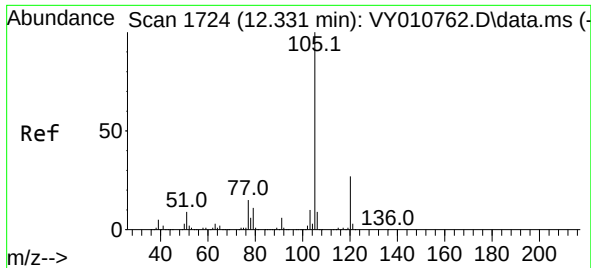
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 172.6 0.0 347.6

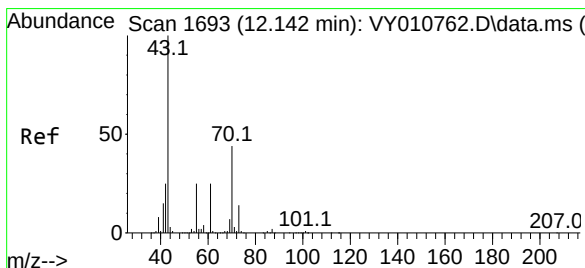
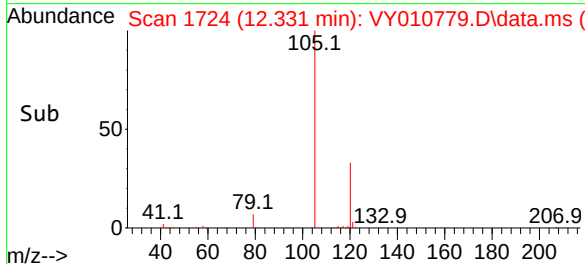
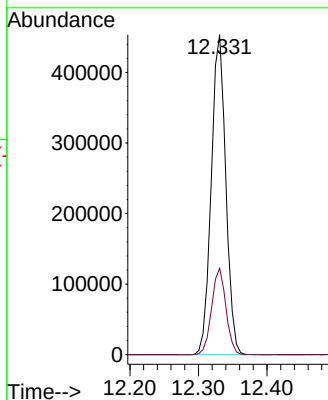
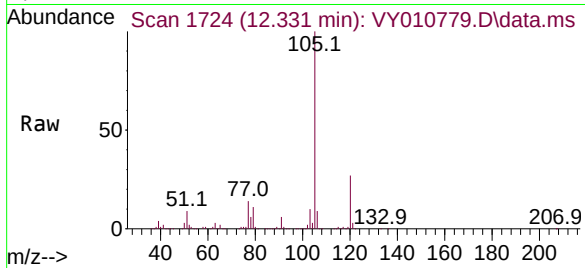




#73
Isopropylbenzene
Concen: 48.931 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

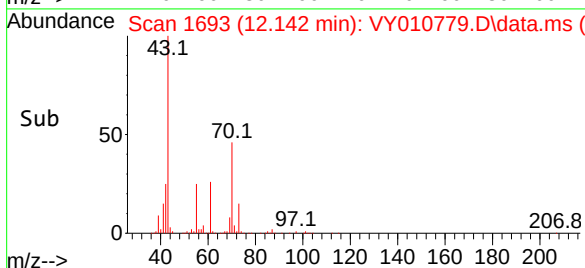
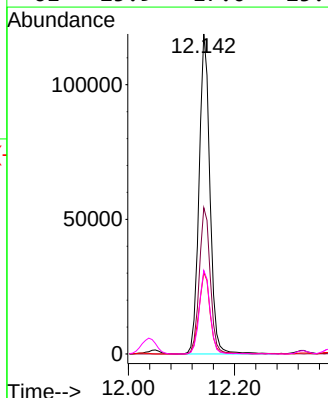
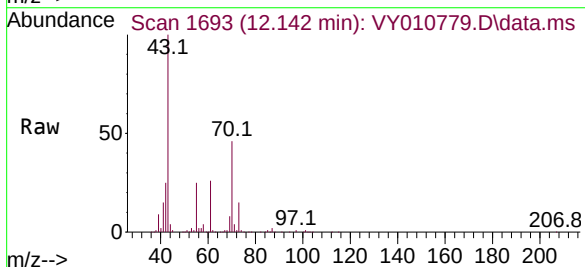
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

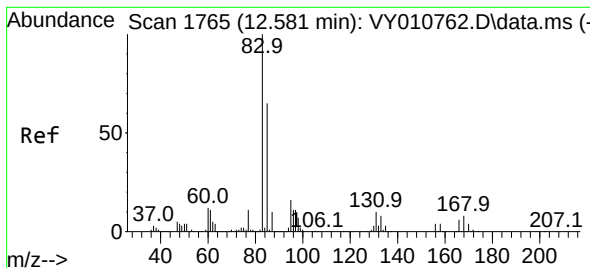
Tgt Ion:105 Resp: 668496
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 54.068 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 43 Resp: 169765
Ion Ratio Lower Upper
43 100
70 46.1 28.7 43.1#
55 26.1 17.3 25.9#
61 25.9 17.0 25.6#

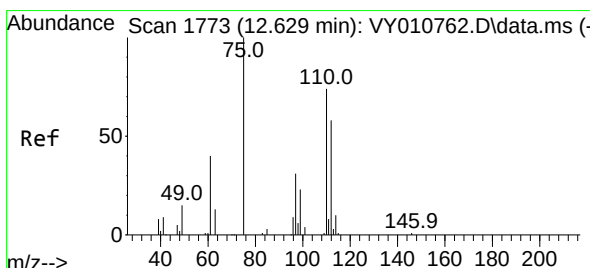
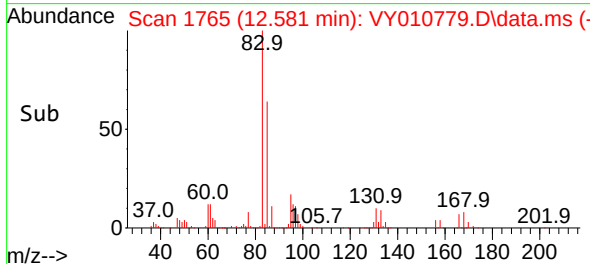
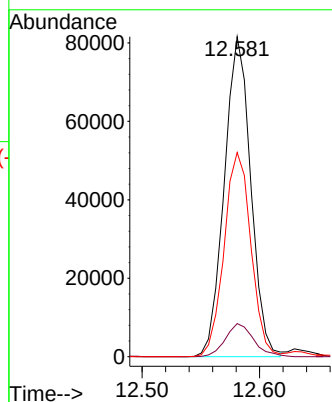
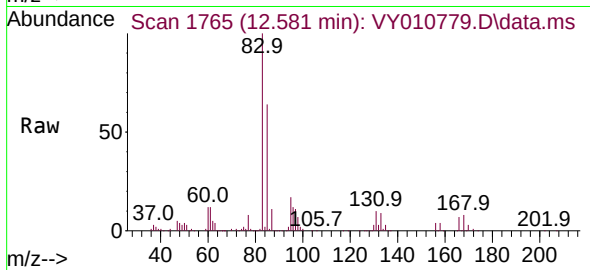




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.932 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY010779.D
 Acq: 03 Oct 2022 20:14

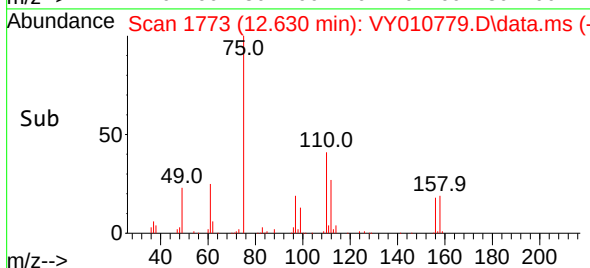
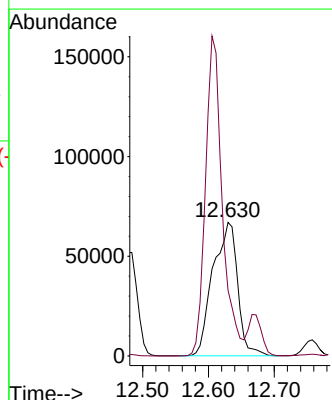
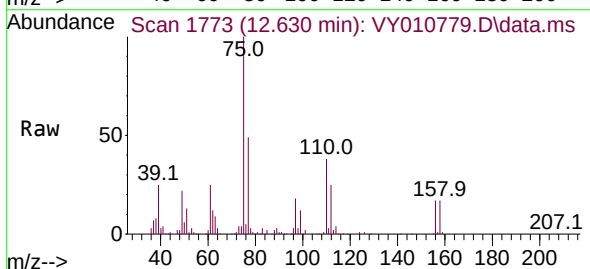
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

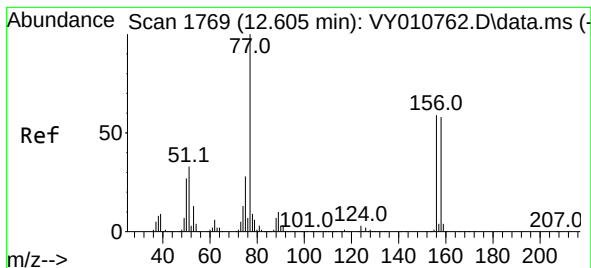
Tgt Ion: 83 Resp: 127450
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.6 16.8
 85 64.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 93.114 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY010779.D
 Acq: 03 Oct 2022 20:14

Tgt Ion: 75 Resp: 175236
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.932 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

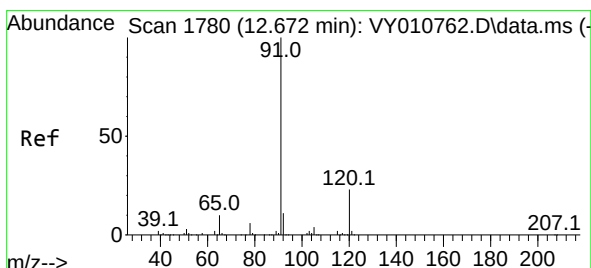
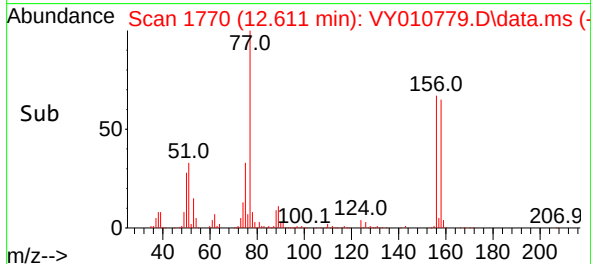
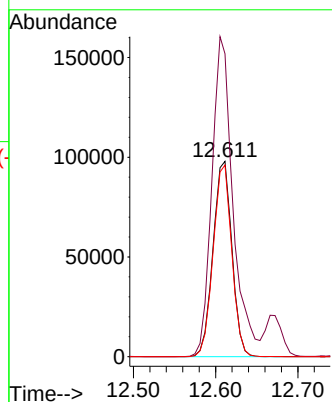
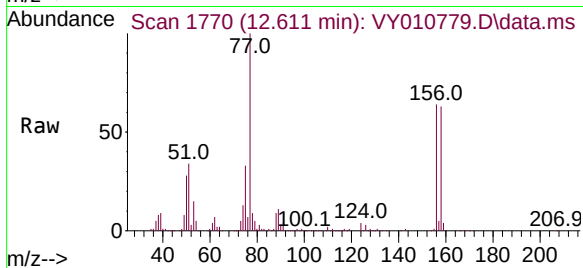
Tgt Ion:156 Resp: 156489

Ion Ratio Lower Upper

156 100

77 183.1 95.5 286.4

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 48.348 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY010779.D

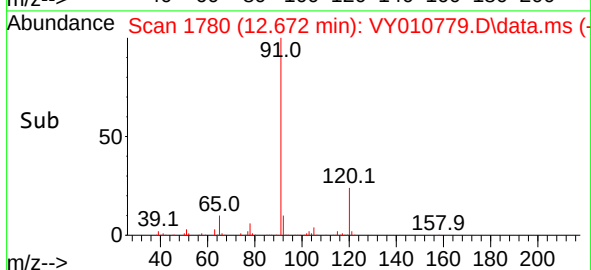
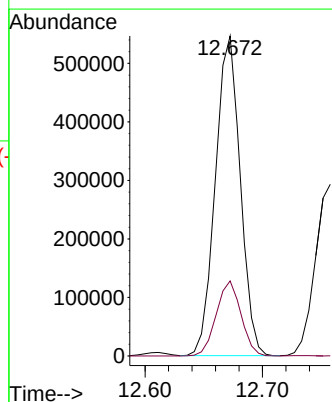
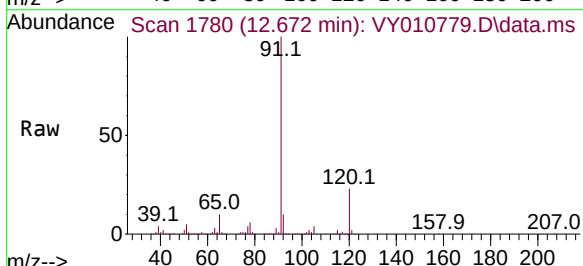
Acq: 03 Oct 2022 20:14

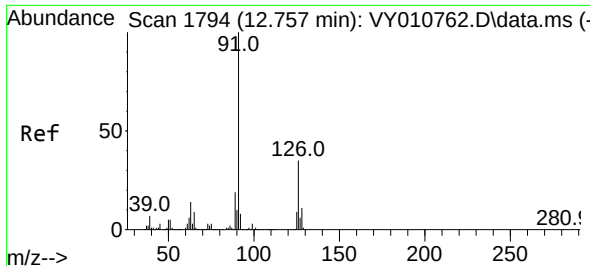
Tgt Ion: 91 Resp: 804451

Ion Ratio Lower Upper

91 100

120 23.3 11.3 33.9

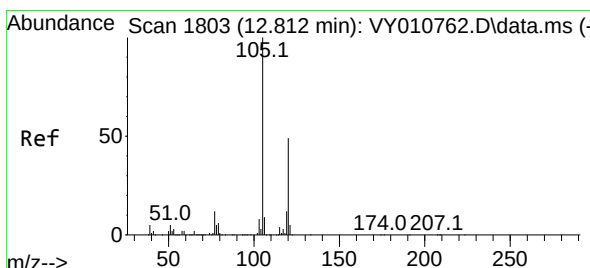
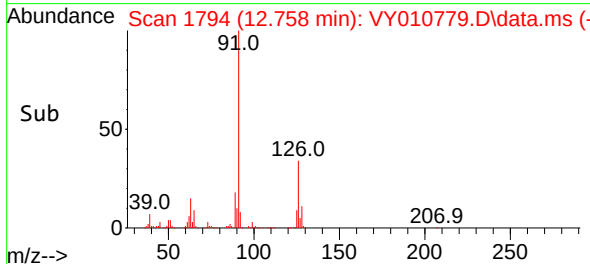
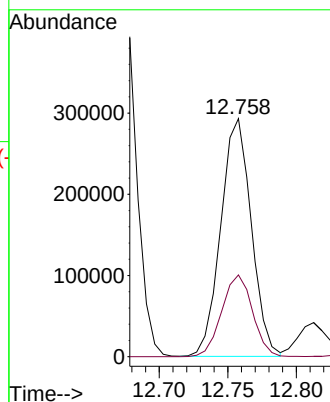
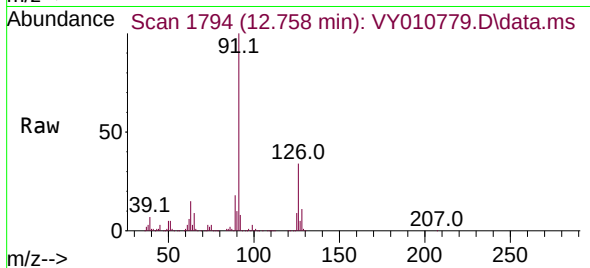




#79
2-Chlorotoluene
Concen: 48.749 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

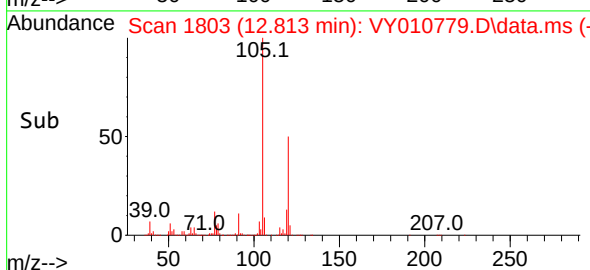
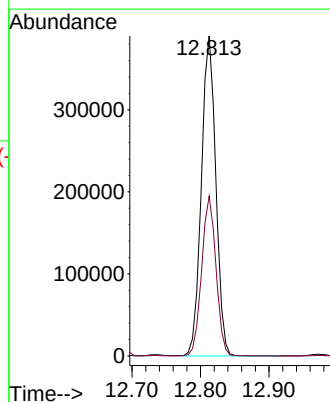
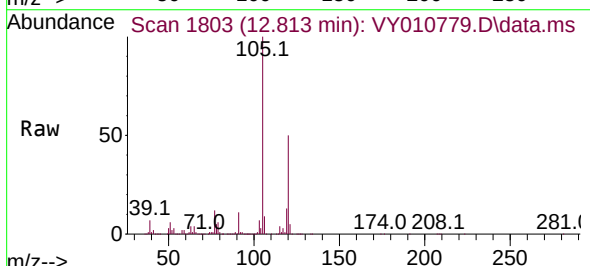
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

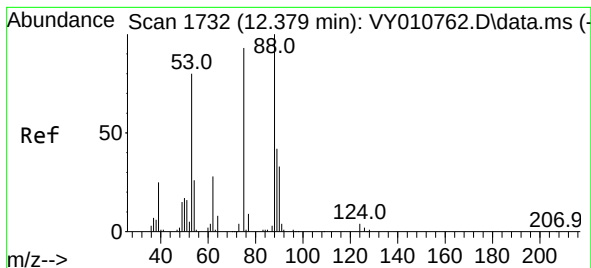
Tgt Ion: 91 Resp: 453798
Ion Ratio Lower Upper
91 100
126 34.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 49.569 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 105 Resp: 572779
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4

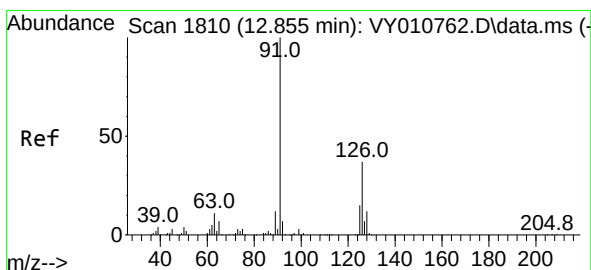
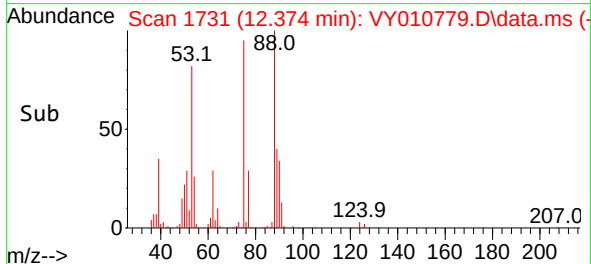
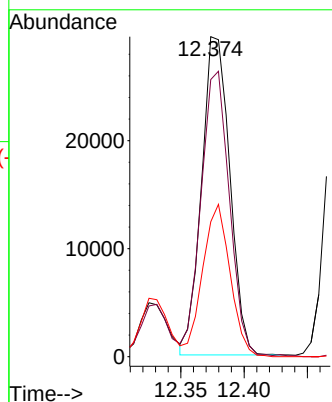
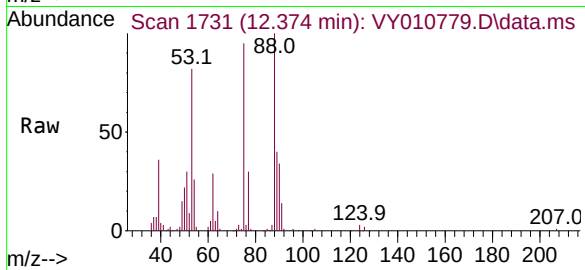




#81
trans-1,4-Dichloro-2-butene
Concen: 50.830 ug/l
RT: 12.374 min Scan# 1732
Delta R.T. -0.005 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

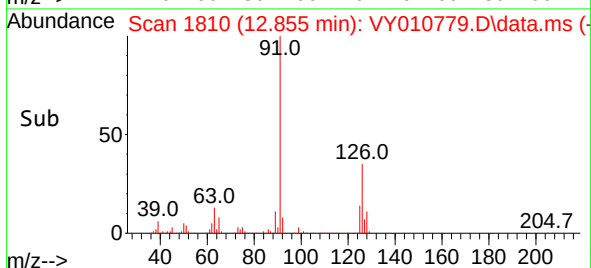
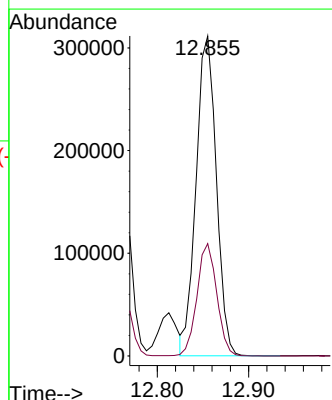
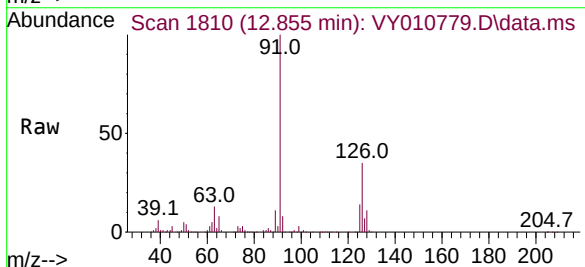
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

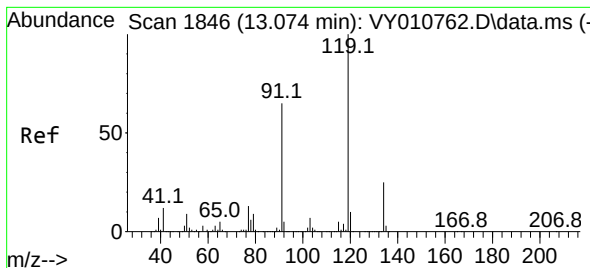
Tgt Ion: 75 Resp: 45794
Ion Ratio Lower Upper
75 100
53 90.8 85.3 127.9
89 46.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.284 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion: 91 Resp: 479721
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 49.549 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

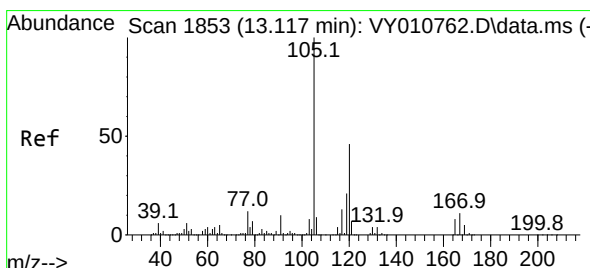
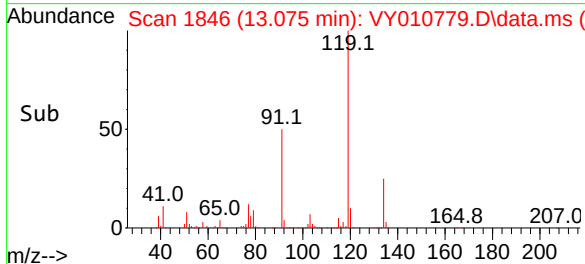
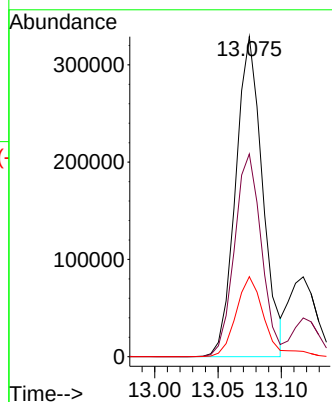
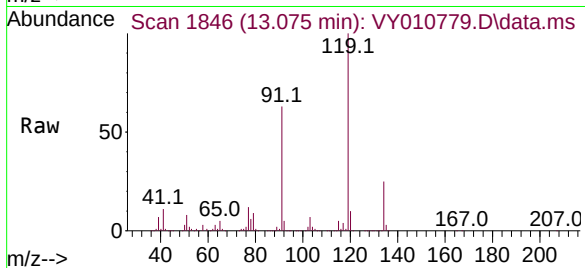
Tgt Ion:119 Resp: 488116

Ion Ratio Lower Upper

119 100

91 63.3 34.8 104.4

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 50.360 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010779.D

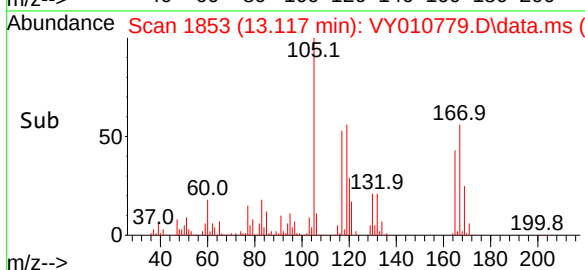
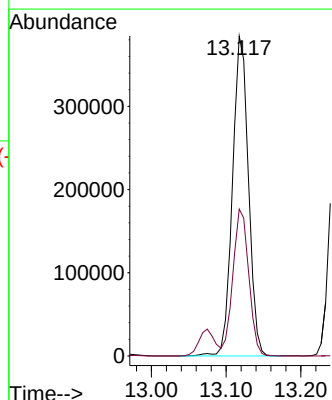
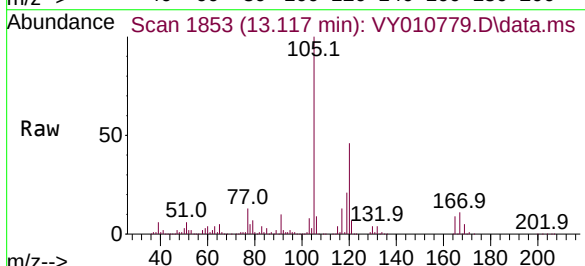
Acq: 03 Oct 2022 20:14

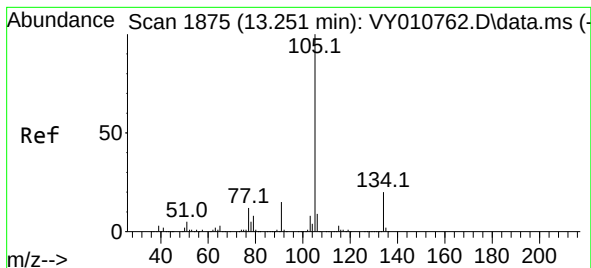
Tgt Ion:105 Resp: 572121

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.008 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

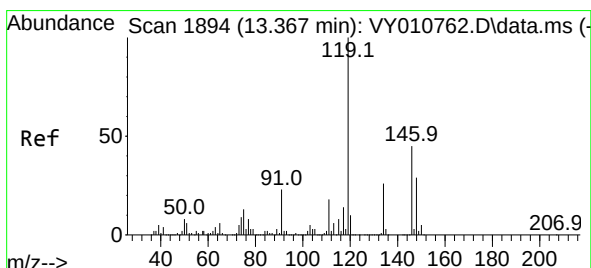
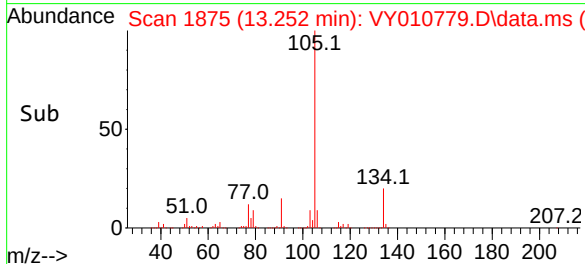
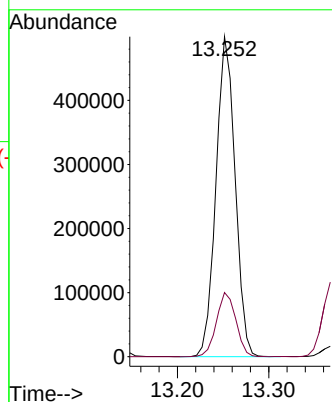
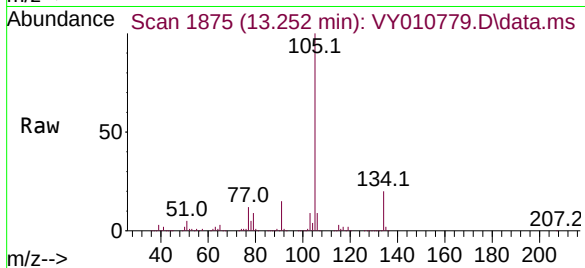
VSTDCCC050EC

Tgt Ion:105 Resp: 726732

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.420 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

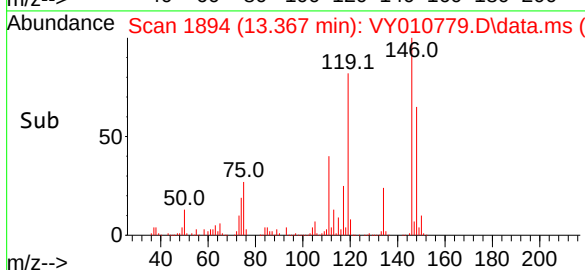
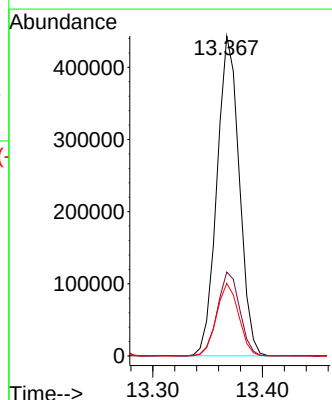
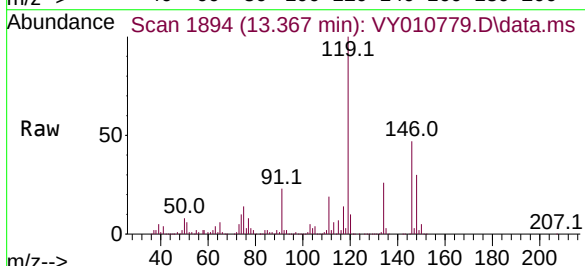
Tgt Ion:119 Resp: 627283

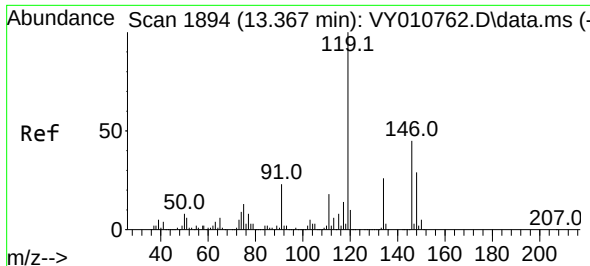
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 22.6 12.4 37.2

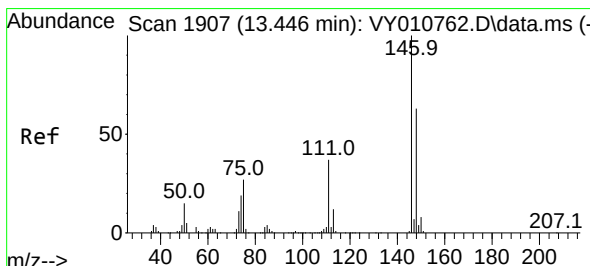
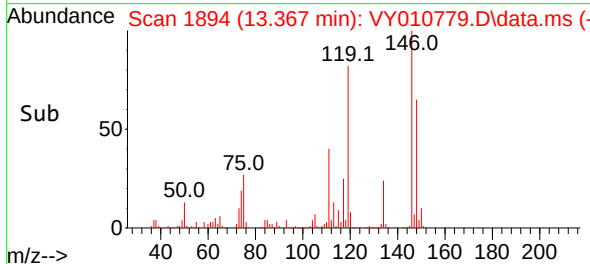
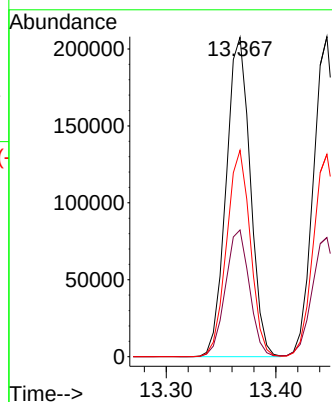
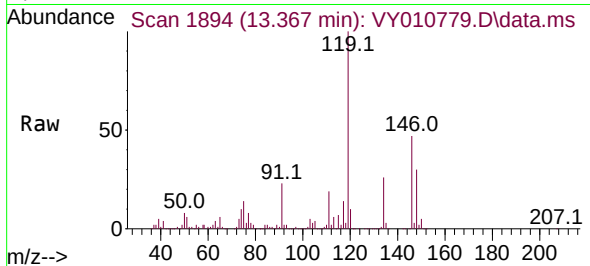




#87
1,3-Dichlorobenzene
Concen: 49.885 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

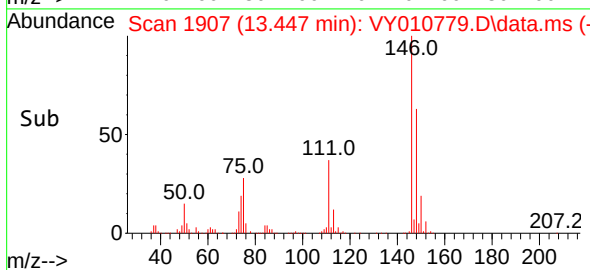
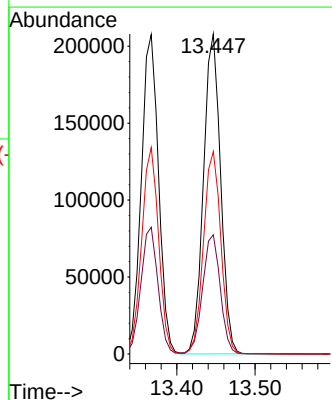
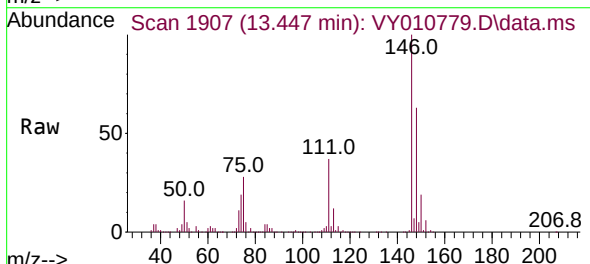
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

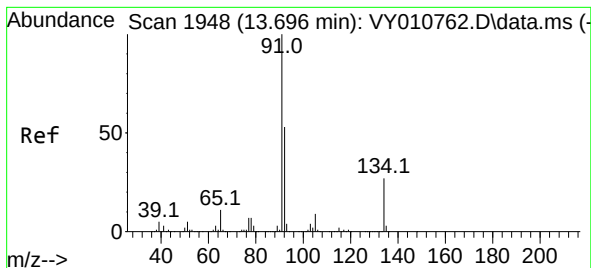
Tgt Ion:146 Resp: 317327
Ion Ratio Lower Upper
146 100
111 39.5 19.5 58.5
148 63.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 50.056 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY010779.D
Acq: 03 Oct 2022 20:14

Tgt Ion:146 Resp: 315290
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.8
148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 49.839 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

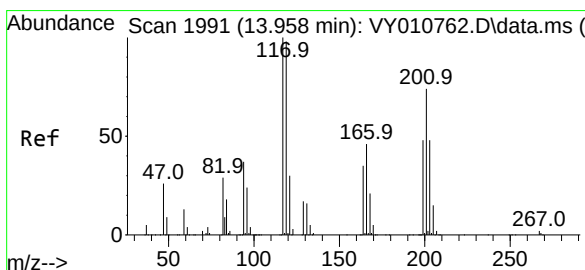
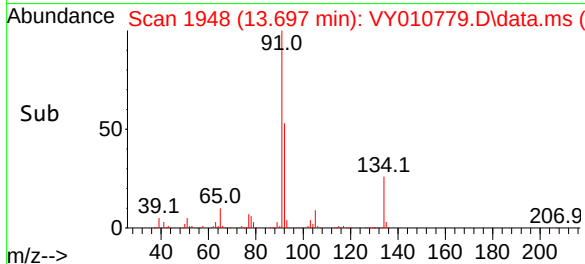
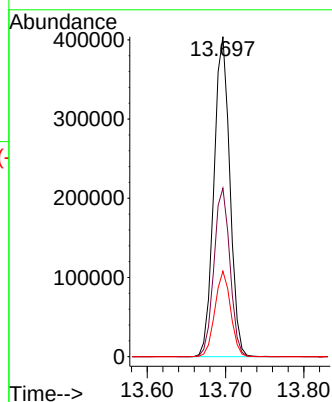
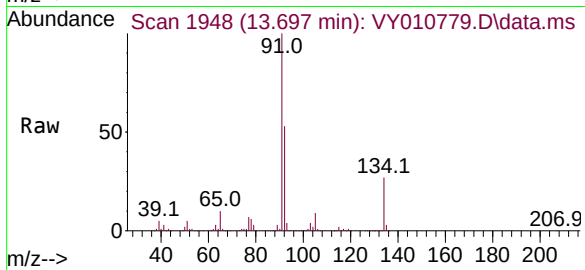
Tgt Ion: 91 Resp: 570583

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 26.4 13.0 38.9



#90

Hexachloroethane

Concen: 47.281 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY010779.D

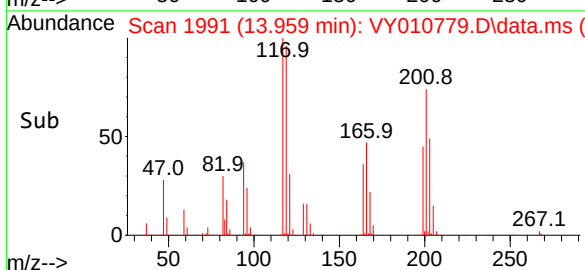
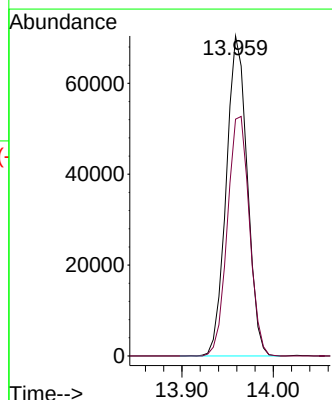
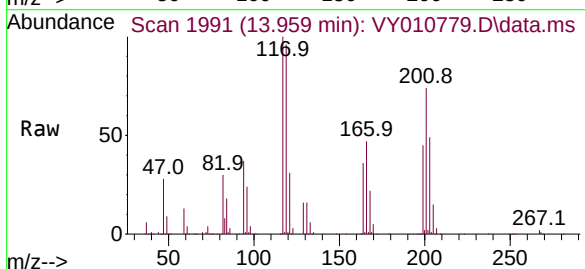
Acq: 03 Oct 2022 20:14

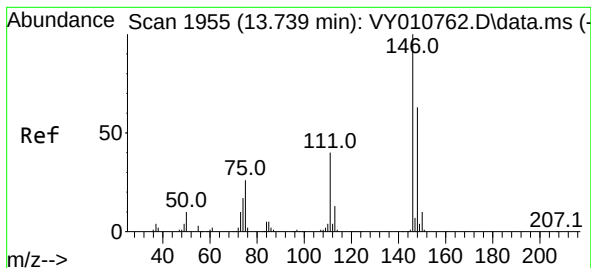
Tgt Ion: 117 Resp: 112516

Ion Ratio Lower Upper

117 100

201 78.1 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 51.077 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

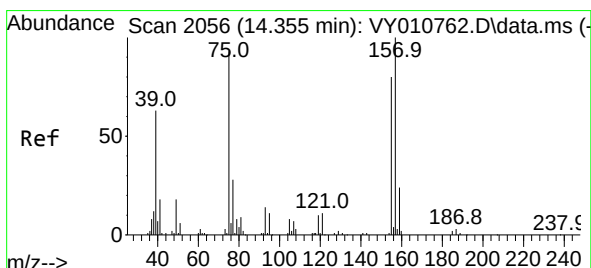
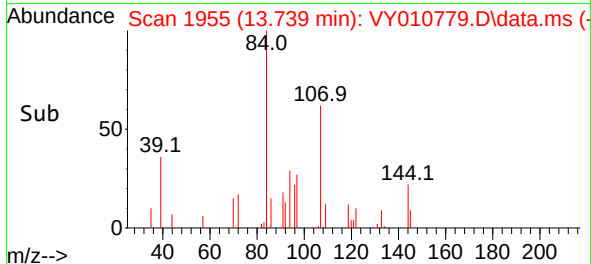
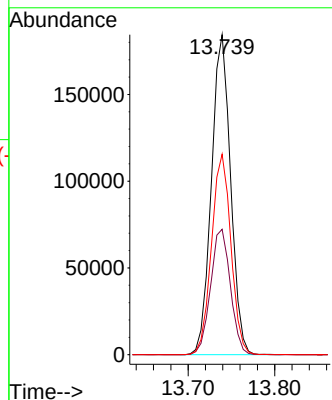
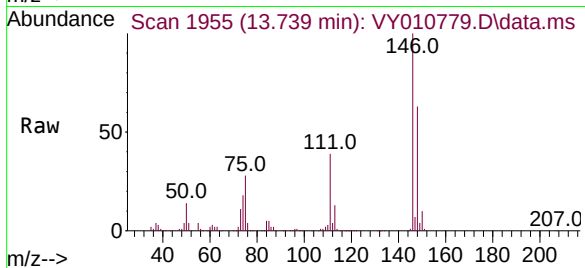
Tgt Ion:146 Resp: 283195

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

148 63.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.817 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

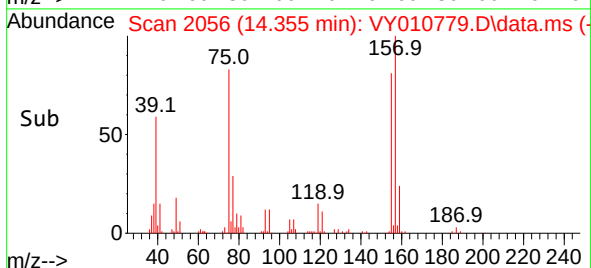
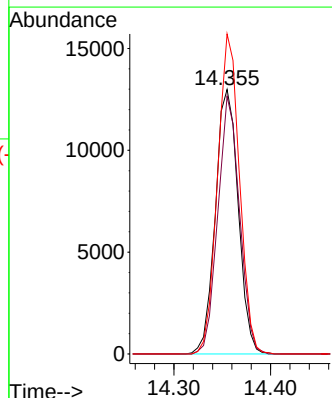
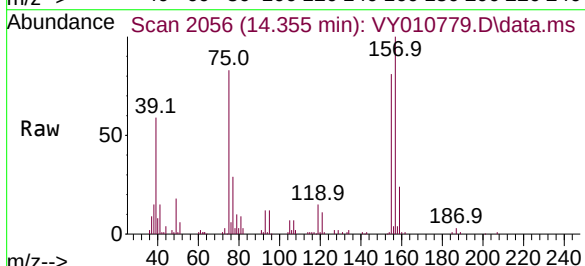
Tgt Ion: 75 Resp: 21268

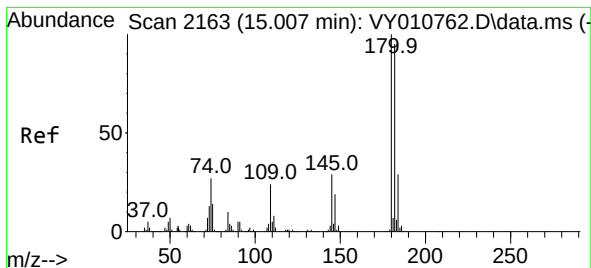
Ion Ratio Lower Upper

75 100

155 92.1 38.0 113.9

157 116.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 52.114 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

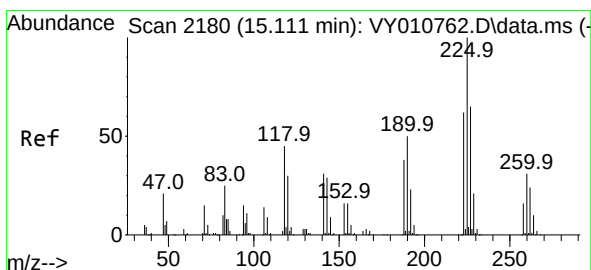
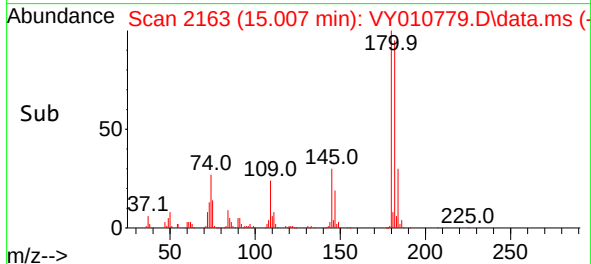
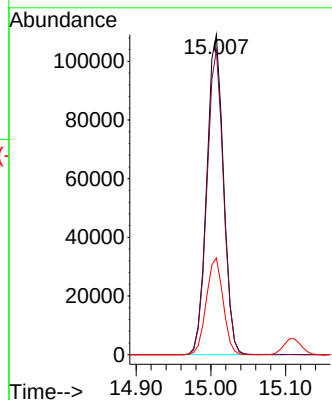
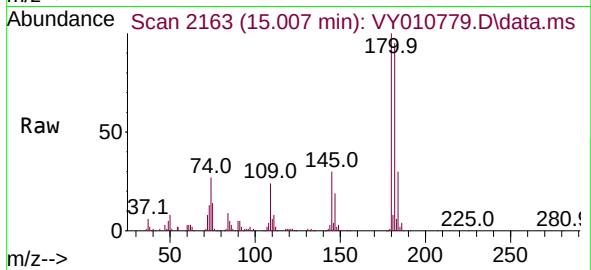
Tgt Ion:180 Resp: 169536

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.012 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

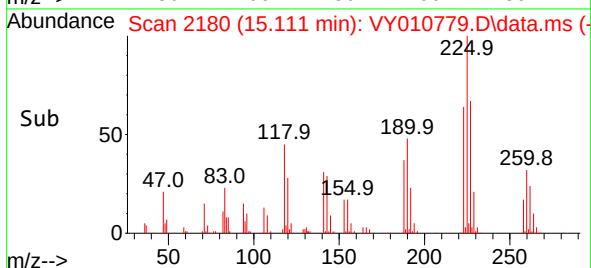
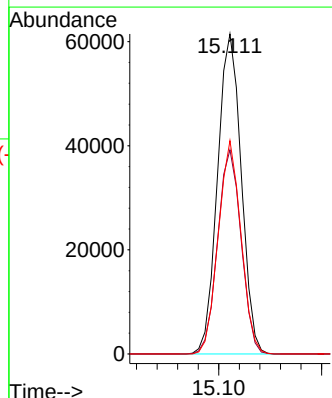
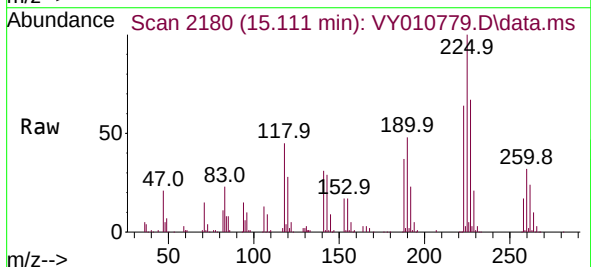
Tgt Ion:225 Resp: 98308

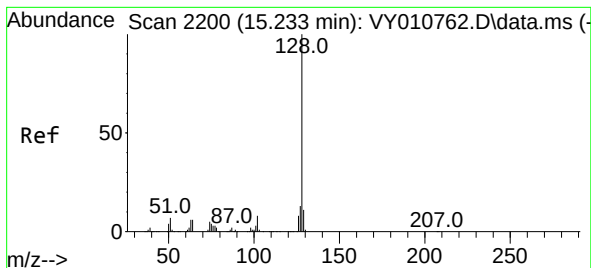
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

227 63.9 31.6 94.7





#95

Naphthalene

Concen: 57.491 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

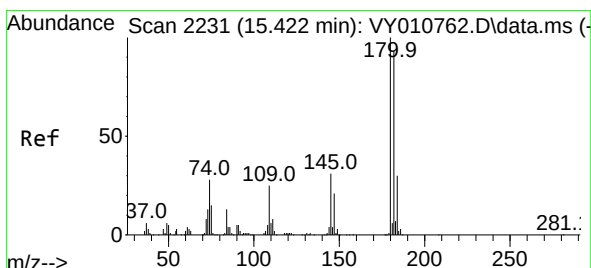
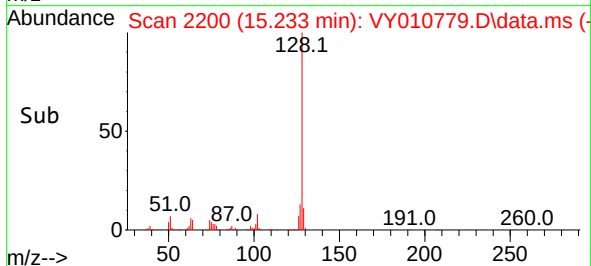
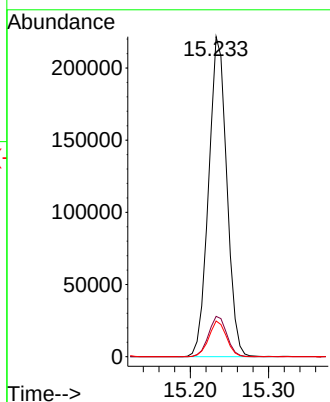
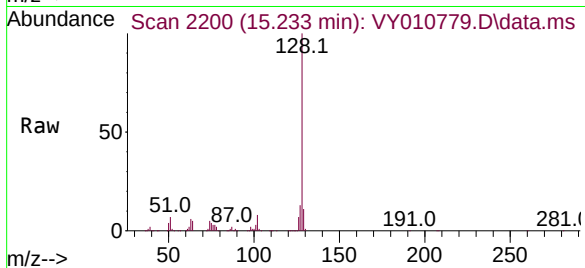
Tgt Ion:128 Resp: 356456

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 54.034 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010779.D

Acq: 03 Oct 2022 20:14

Tgt Ion:180 Resp: 149847

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 31.6 15.3 45.9

