

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011628.D
 Acq On : 29 Nov 2022 17:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 30 04:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98198	52.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.600%	
35) Dibromofluoromethane	7.722	113	95061	53.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.440%	
50) Toluene-d8	10.179	98	326368	50.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.483	95	126998	52.916	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43180	42.815	ug/l	99
3) Chloromethane	2.113	50	68859	43.654	ug/l	97
4) Vinyl Chloride	2.253	62	77823	37.564	ug/l	97
5) Bromomethane	2.650	94	54023	40.052	ug/l	100
6) Chloroethane	2.796	64	54670	37.822	ug/l	98
7) Trichlorofluoromethane	3.125	101	135369	44.545	ug/l	96
8) Diethyl Ether	3.527	74	48613	49.496	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	81493	46.375	ug/l	95
10) Methyl Iodide	4.094	142	96298	47.036	ug/l	96
11) Tert butyl alcohol	4.954	59	51948	258.917	ug/l	97
12) 1,1-Dichloroethene	3.875	96	74771	46.451	ug/l	90
13) Acrolein	3.729	56	11278	229.973	ug/l	92
14) Allyl chloride	4.485	41	137256	48.574	ug/l	92
15) Acrylonitrile	5.161	53	146984	273.994	ug/l	98
16) Acetone	3.948	43	155891	258.045	ug/l	92
17) Carbon Disulfide	4.198	76	195140	43.741	ug/l	99
18) Methyl Acetate	4.479	43	74663	53.637	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	244726	53.272	ug/l	98
20) Methylene Chloride	4.716	84	109786	48.141	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	87466	47.022	ug/l	94
22) Diisopropyl ether	6.118	45	315893	51.214	ug/l	97
23) Vinyl Acetate	6.064	43	979888	272.725	ug/l	96
24) 1,1-Dichloroethane	6.021	63	172462	47.621	ug/l	98
25) 2-Butanone	6.984	43	211254	266.079	ug/l	91
26) 2,2-Dichloropropane	6.984	77	155797	46.612	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	106640	48.697	ug/l	94
28) Bromochloromethane	7.338	49	79235	54.461	ug/l	92
29) Tetrahydrofuran	7.350	42	125763	280.488	ug/l	93
30) Chloroform	7.508	83	182439	48.577	ug/l	100
31) Cyclohexane	7.789	56	139071	45.112	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	158585	47.202	ug/l	97
36) 1,1-Dichloropropene	7.917	75	128607	46.059	ug/l	99
37) Ethyl Acetate	7.076	43	82341	51.788	ug/l	95
38) Carbon Tetrachloride	7.905	117	143155	45.826	ug/l	96
39) Methylcyclohexane	9.185	83	145941	46.836	ug/l	94
40) Benzene	8.161	78	379578	46.668	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	117449	146.099	ug/l	# 1
42) 1,2-Dichloroethane	8.240	62	118997	47.307	ug/l	94
43) Isopropyl Acetate	8.277	43	148277	51.695	ug/l	94
44) Trichloroethene	8.941	130	101560	46.409	ug/l	96
45) 1,2-Dichloropropane	9.215	63	100170	48.182	ug/l	96
46) Dibromomethane	9.307	93	56696	48.773	ug/l	96
47) Bromodichloromethane	9.496	83	140412	47.954	ug/l	99
48) Methyl methacrylate	9.295	41	68616	53.858	ug/l	89
49) 1,4-Dioxane	9.295	88	15586	1082.673	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	433331	271.770	ug/l	93
52) Toluene	10.246	92	243219	47.288	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	142871	48.813	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	160458	48.732	ug/l	# 89
55) 1,1,2-Trichloroethane	10.648	97	82087	49.359	ug/l	98
56) Ethyl methacrylate	10.508	69	112051	54.174	ug/l	# 86
57) 1,3-Dichloropropane	10.788	76	138601	49.210	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	296065	292.270	ug/l	98
59) 2-Hexanone	10.831	43	312722	274.796	ug/l	91
60) Dibromochloromethane	10.983	129	100011	49.071	ug/l	100
61) 1,2-Dibromoethane	11.093	107	76033	50.087	ug/l	100
64) Tetrachloroethene	10.721	164	102043	46.834	ug/l	98
65) Chlorobenzene	11.520	112	260477	47.046	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	100759	48.016	ug/l	98
67) Ethyl Benzene	11.593	91	475645	47.579	ug/l	99
68) m/p-Xylenes	11.703	106	361580	95.015	ug/l	97
69) o-Xylene	12.032	106	174692	49.306	ug/l	96
70) Styrene	12.044	104	299465	49.516	ug/l	97
71) Bromoform	12.209	173	64843	50.792	ug/l	# 99
73) Isopropylbenzene	12.331	105	471240	47.545	ug/l	99
74) N-amyl acetate	12.142	43	125701	51.357	ug/l	# 88
75) 1,1,2,2-Tetrachloroethane	12.581	83	96846	49.587	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	132651	89.879	ug/l	# 100
77) Bromobenzene	12.611	156	108842	47.029	ug/l	99
78) n-propylbenzene	12.672	91	570178	47.154	ug/l	99
79) 2-Chlorotoluene	12.758	91	322223	47.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	398546	47.702	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	34053	50.538	ug/l	92
82) 4-Chlorotoluene	12.855	91	333203	46.757	ug/l	99
83) tert-Butylbenzene	13.075	119	346042	47.551	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	394643	47.825	ug/l	100
85) sec-Butylbenzene	13.251	105	515738	47.498	ug/l	100
86) p-Isopropyltoluene	13.367	119	431785	47.648	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	216572	45.970	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	213532	45.328	ug/l	99
89) n-Butylbenzene	13.696	91	400479	48.075	ug/l	99
90) Hexachloroethane	13.959	117	82824	45.261	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	196977	47.167	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16833	52.554	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	118027	50.954	ug/l	99
94) Hexachlorobutadiene	15.111	225	71508	49.663	ug/l	100
95) Naphthalene	15.239	128	249218	51.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	102703	51.737	ug/l	99

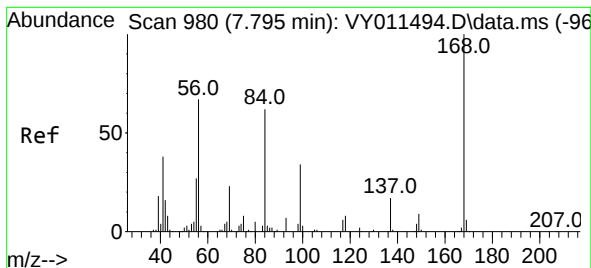
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY011628.D

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Instrument :

MSVOA_Y

ClientSampleId :

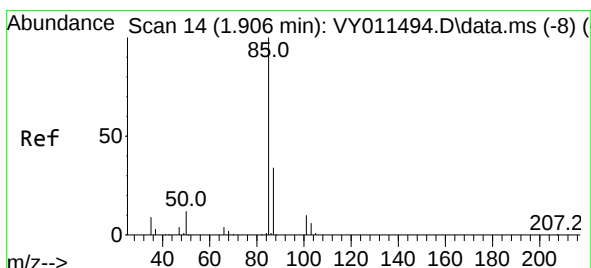
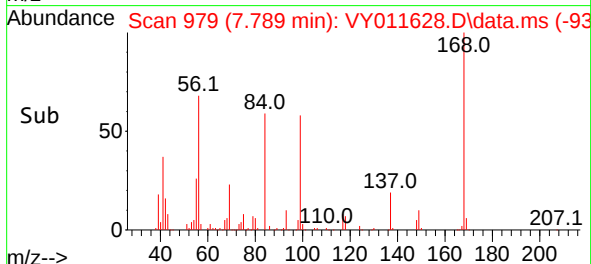
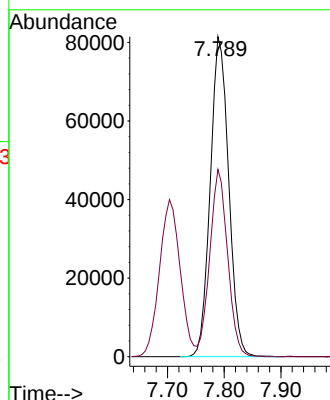
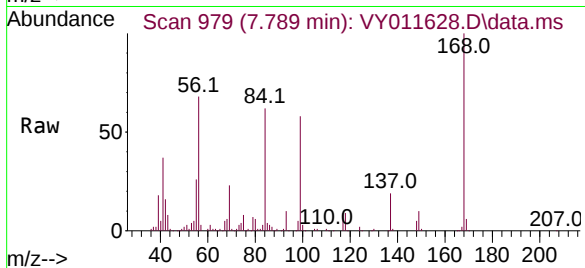
VSTDCCC050EC

Tgt Ion:168 Resp: 183168

Ion Ratio Lower Upper

168 100

99 58.5 46.9 70.3



#2

Dichlorodifluoromethane

Concen: 42.815 ug/l

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY011628.D

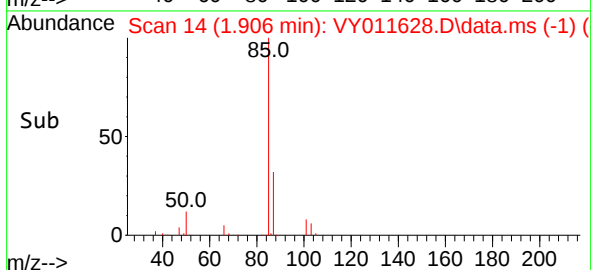
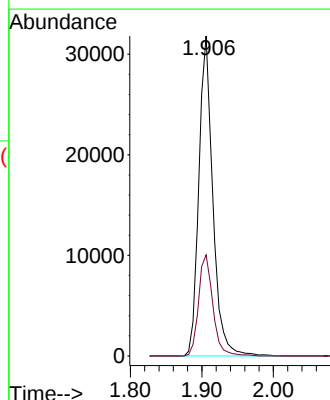
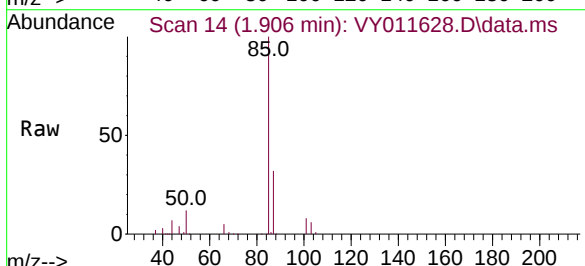
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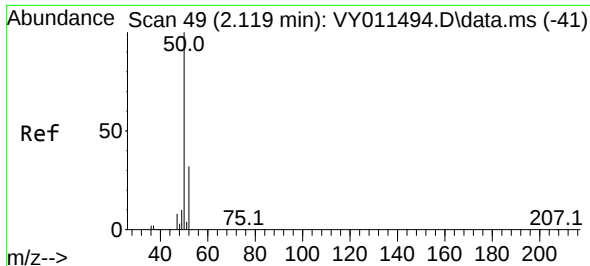
Tgt Ion: 85 Resp: 43180

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2

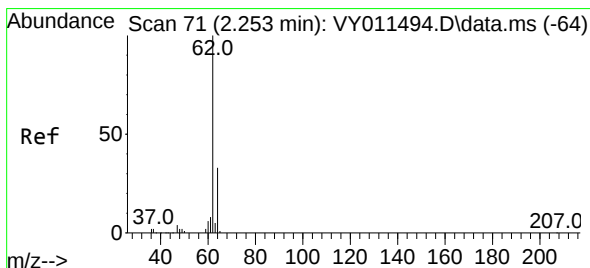
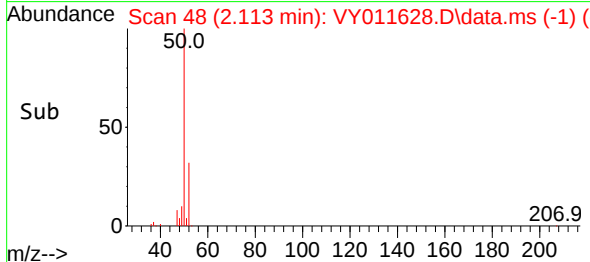
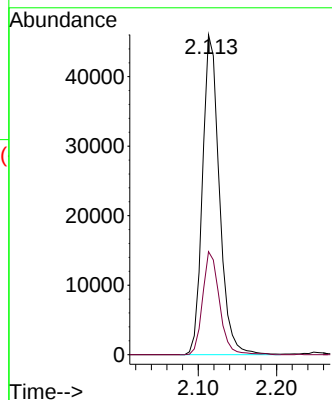
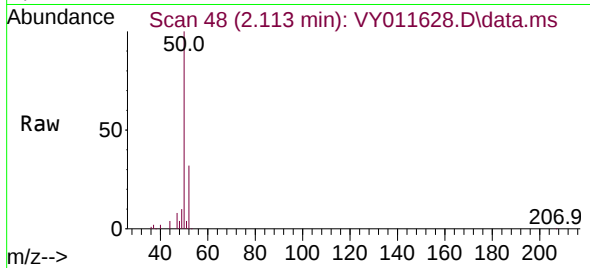




#3
Chloromethane
Concen: 43.654 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011628.D
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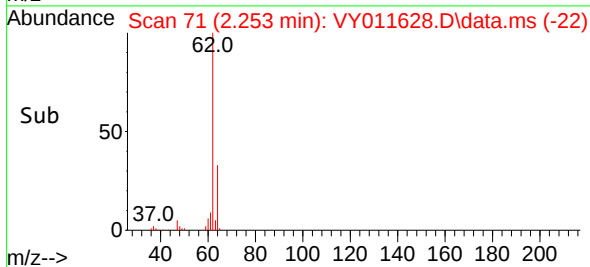
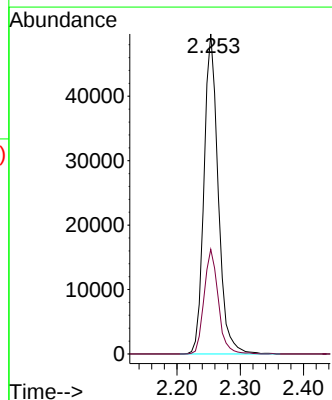
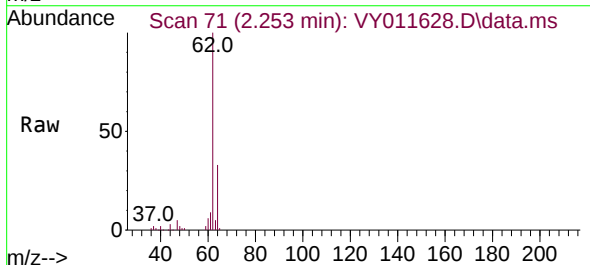
Instrument :
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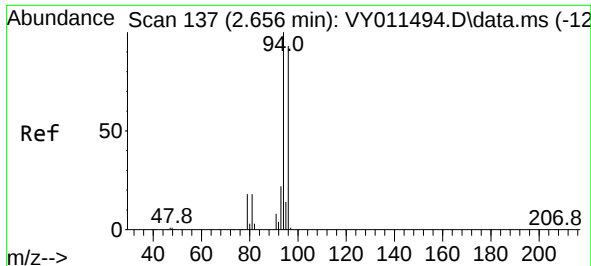
Tgt Ion: 50 Resp: 68859
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0



#4
Vinyl Chloride
Concen: 37.564 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 62 Resp: 77823
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

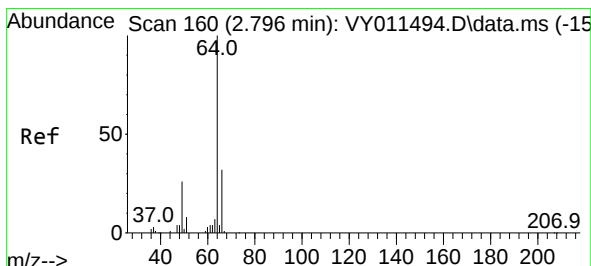
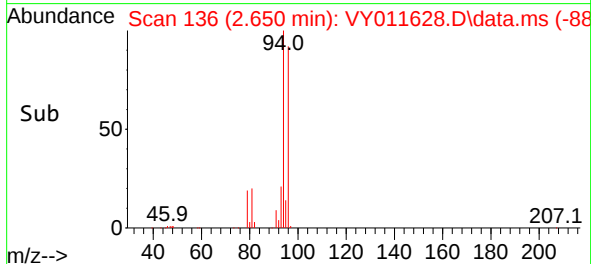
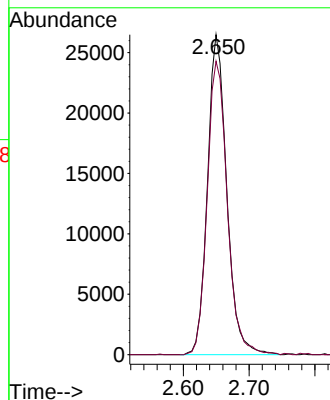
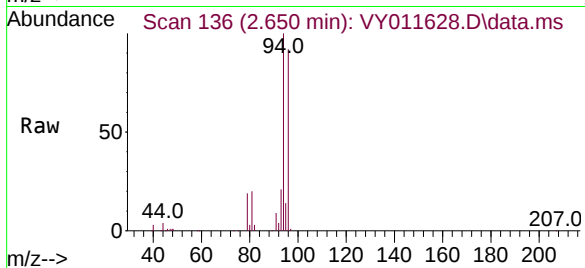




#5
Bromomethane
Concen: 40.052 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011628.D
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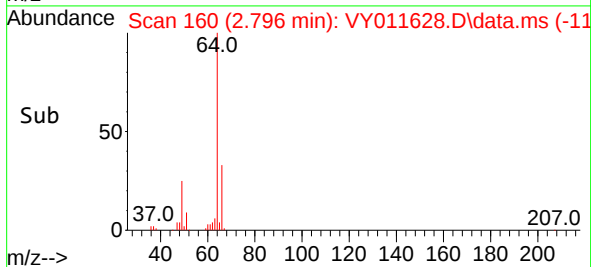
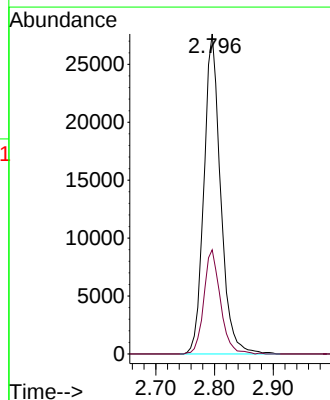
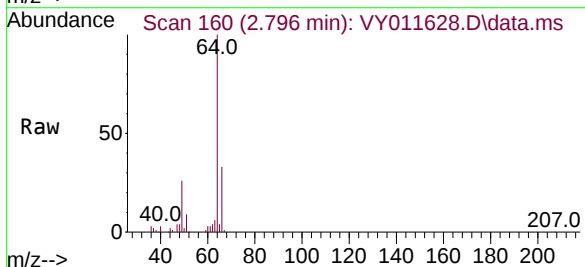
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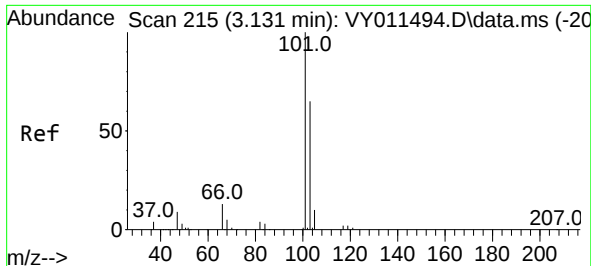
Tgt Ion: 94 Resp: 54023
Ion Ratio Lower Upper
94 100
96 91.7 73.5 110.3



#6
Chloroethane
Concen: 37.822 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 64 Resp: 54670
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

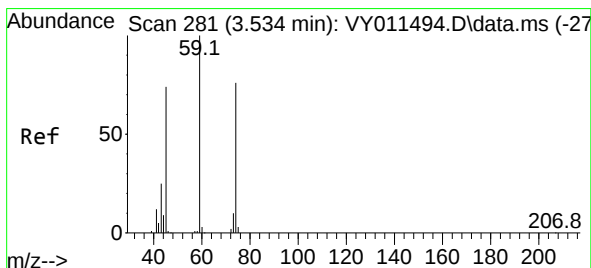
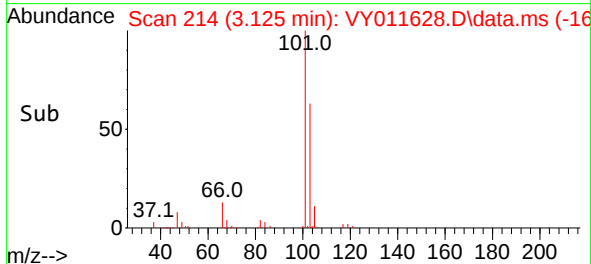
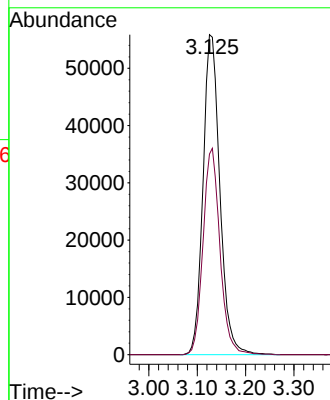
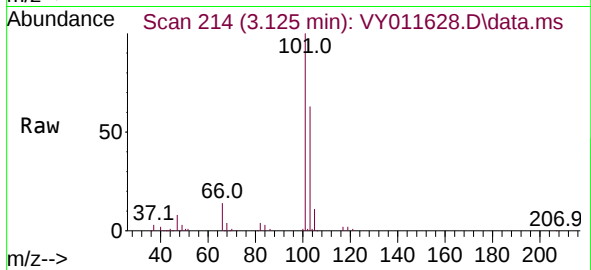




#7
Trichlorofluoromethane
Concen: 44.545 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

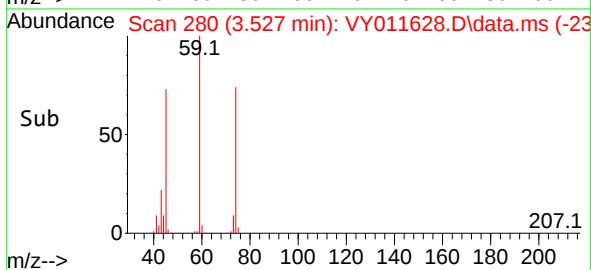
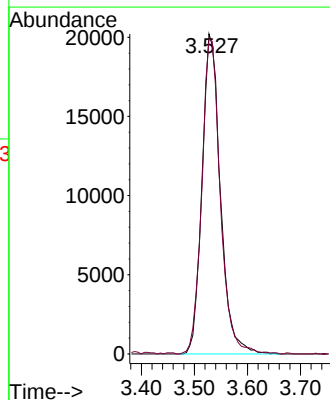
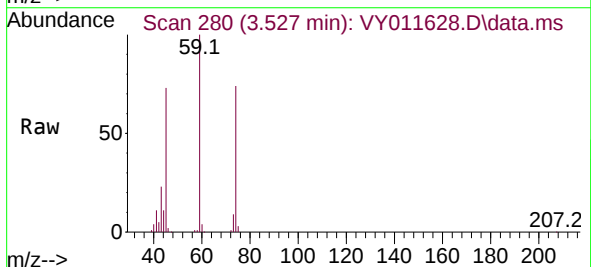
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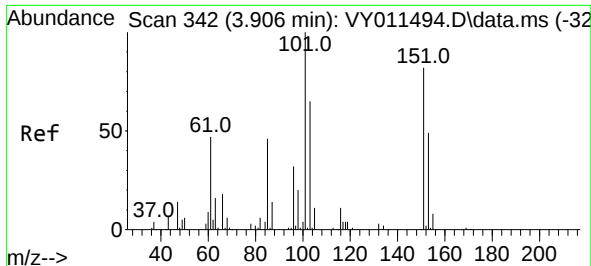
Tgt Ion:101 Resp: 135369
Ion Ratio Lower Upper
101 100
103 62.7 48.0 72.0



#8
Diethyl Ether
Concen: 49.496 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.007 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 74 Resp: 48613
Ion Ratio Lower Upper
74 100
45 99.4 55.1 165.5

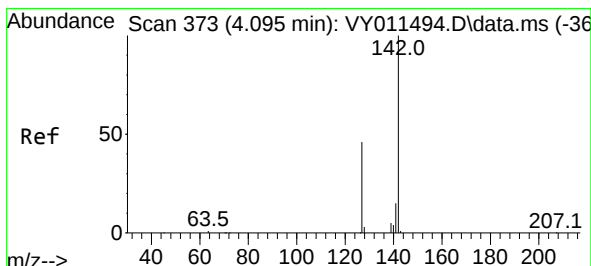
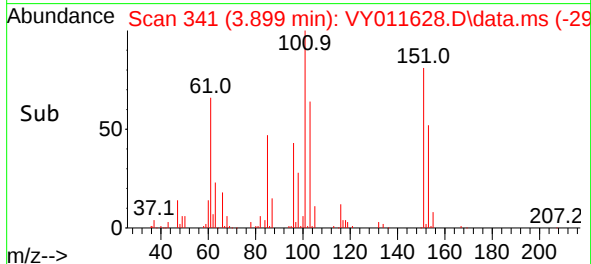
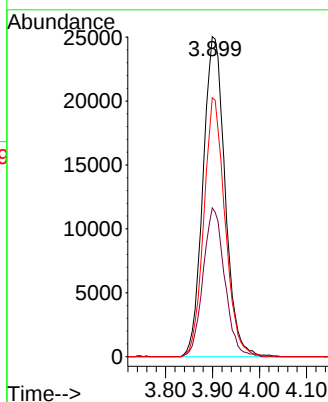
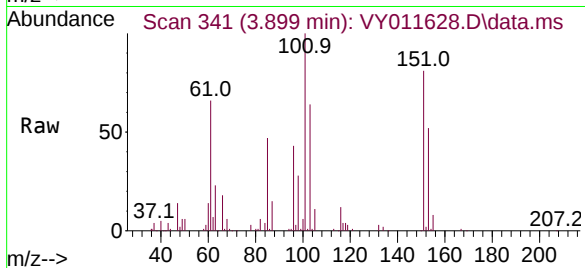




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.375 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.007 min
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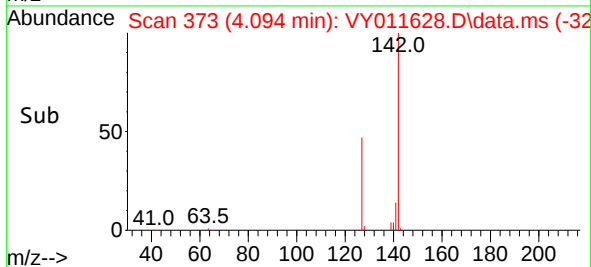
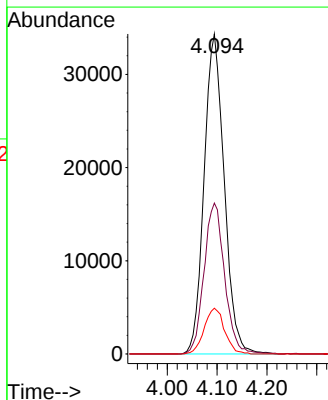
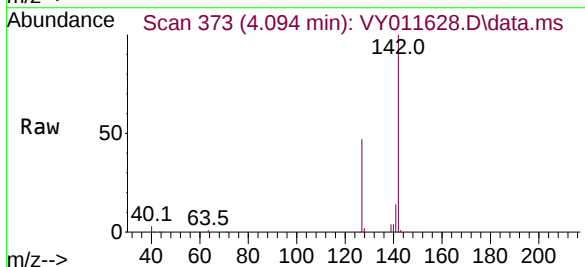
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

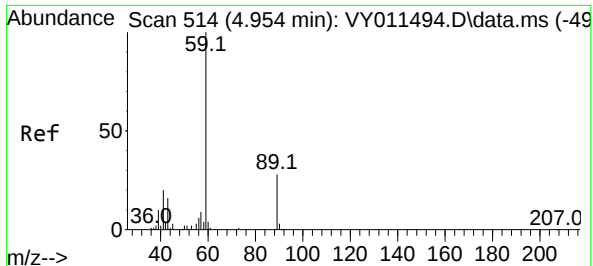
Tgt Ion:	101	Resp:	81493
Ion	Ratio	Lower	Upper
101	100		
85	45.4	40.6	60.8
151	77.7	64.9	97.3



#10
Methyl Iodide
Concen: 47.036 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion:	142	Resp:	96298
Ion	Ratio	Lower	Upper
142	100		
127	48.3	41.5	62.3
141	14.5	11.9	17.9

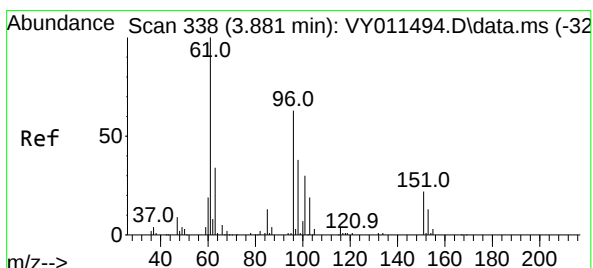
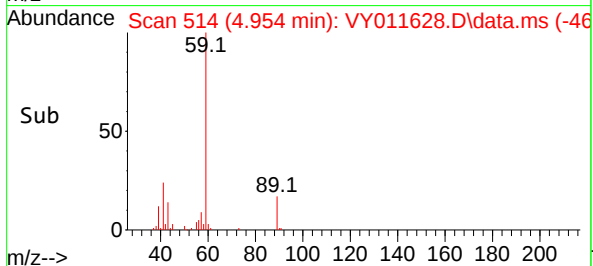
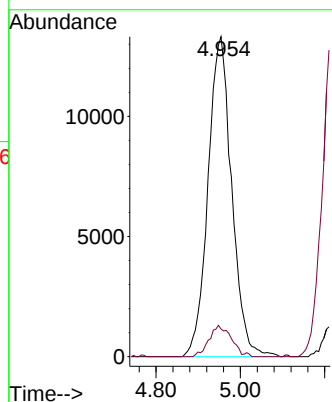
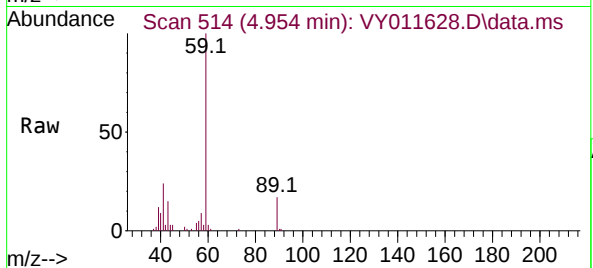




#11
Tert butyl alcohol
Concen: 258.917 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

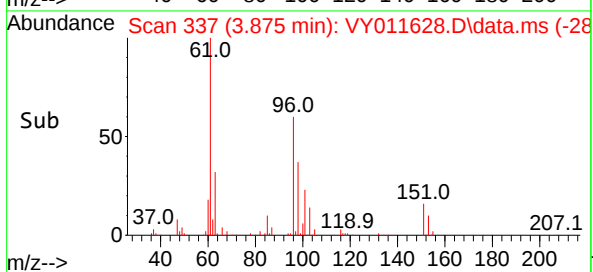
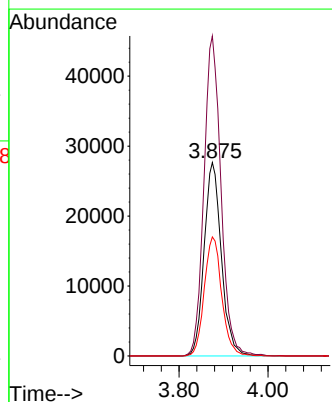
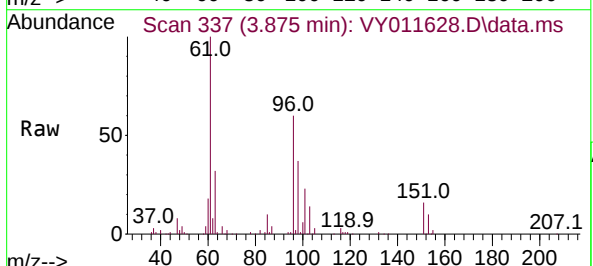
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

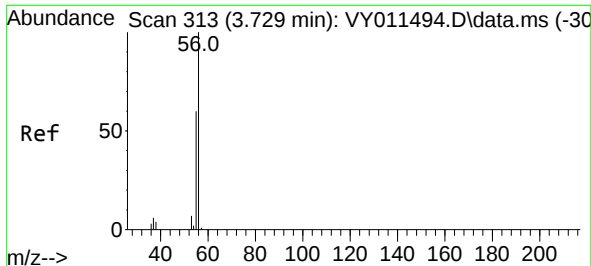
Tgt Ion: 59 Resp: 51948
Ion Ratio Lower Upper
59 100
57 9.0 6.4 9.6



#12
1,1-Dichloroethene
Concen: 46.451 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 96 Resp: 74771
Ion Ratio Lower Upper
96 100
61 165.5 145.8 218.6
98 61.6 52.5 78.7

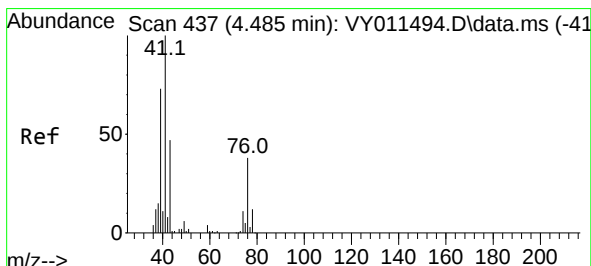
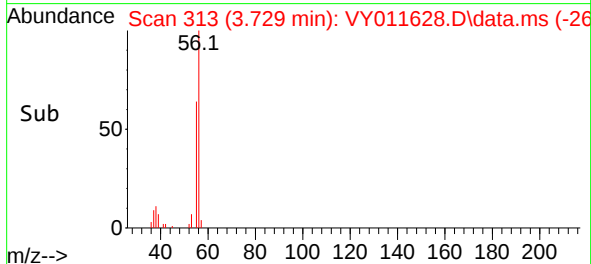
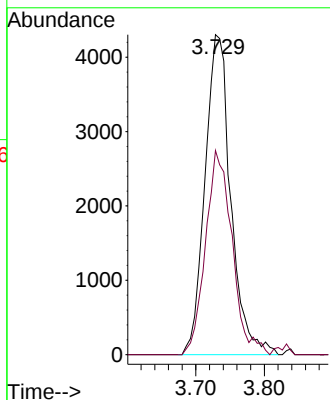
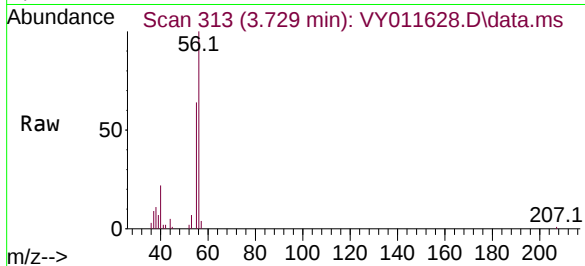




#13
Acrolein
Concen: 229.973 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

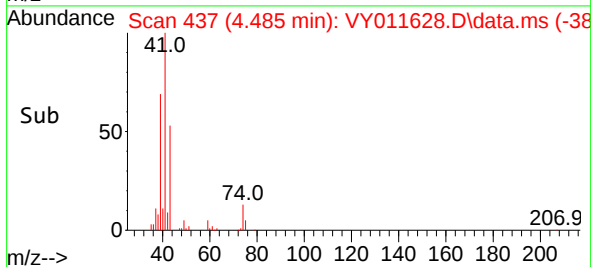
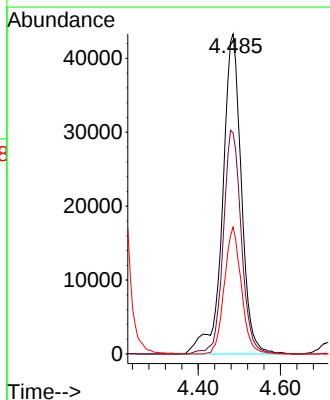
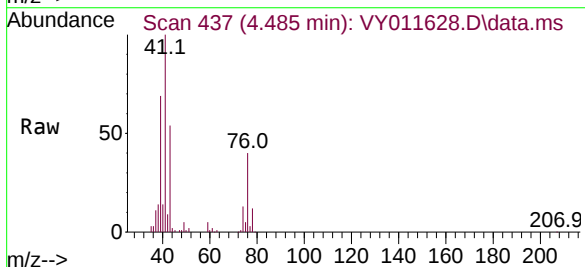
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

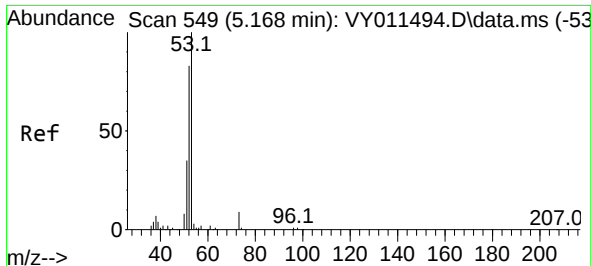
Tgt Ion: 56 Resp: 11278
Ion Ratio Lower Upper
56 100
55 65.6 57.6 86.4



#14
Allyl chloride
Concen: 48.574 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 41 Resp: 137256
Ion Ratio Lower Upper
41 100
39 67.4 58.8 88.2
76 35.9 25.1 37.7

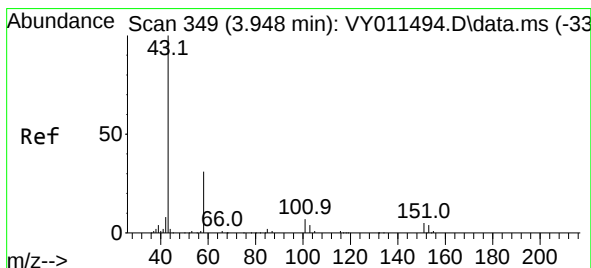
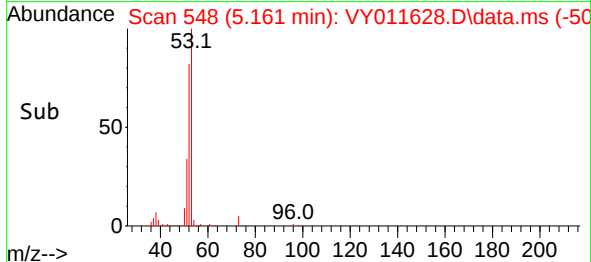
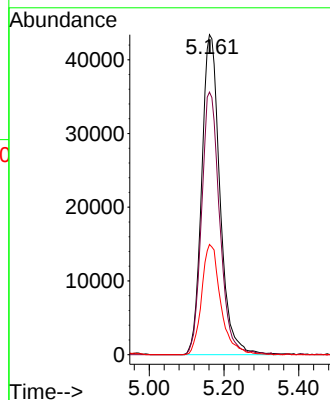
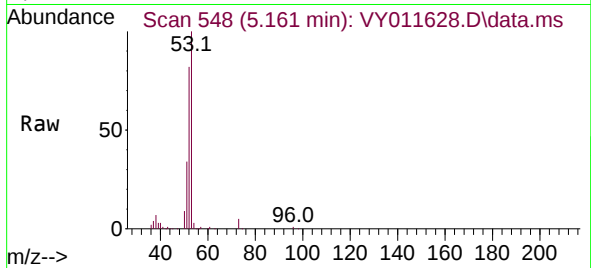




#15
Acrylonitrile
Concen: 273.994 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.007 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

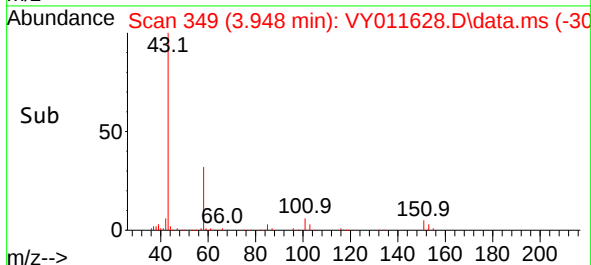
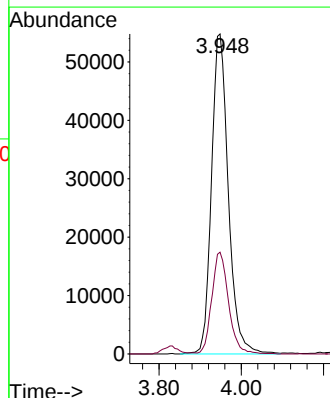
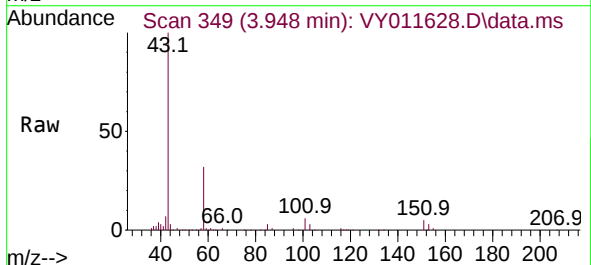
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

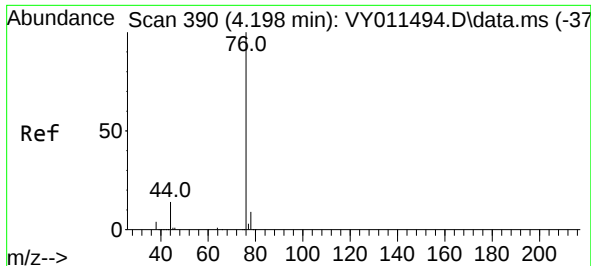
Tgt Ion: 53 Resp: 146984
Ion Ratio Lower Upper
53 100
52 81.5 67.0 100.4
51 36.0 29.8 44.6



#16
Acetone
Concen: 258.045 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 43 Resp: 155891
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0

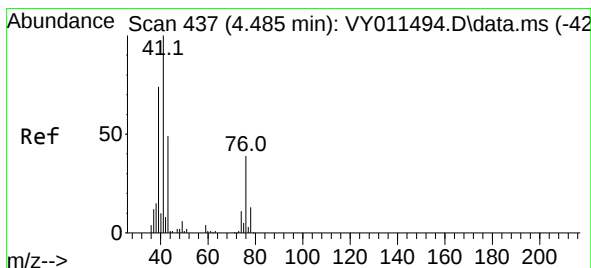
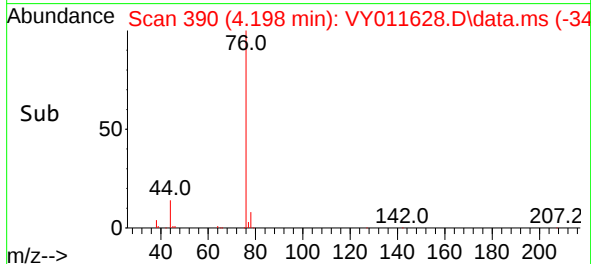
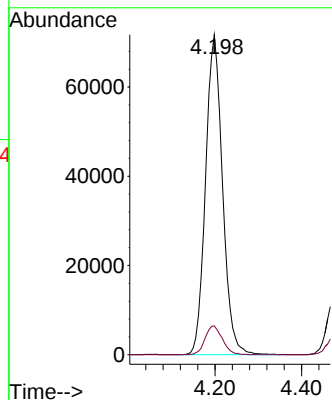
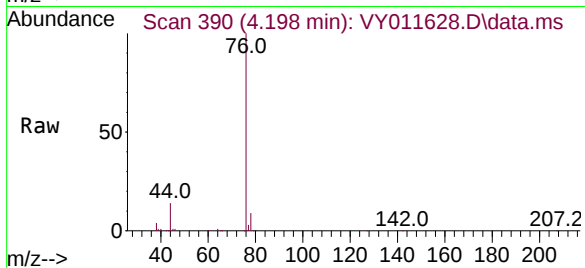




#17
Carbon Disulfide
Concen: 43.741 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

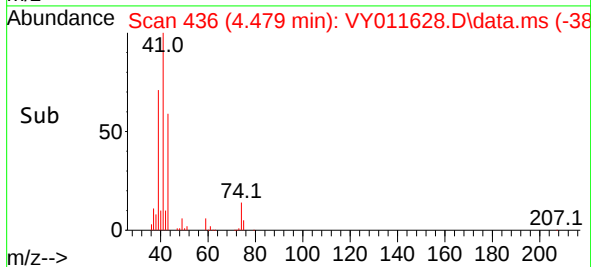
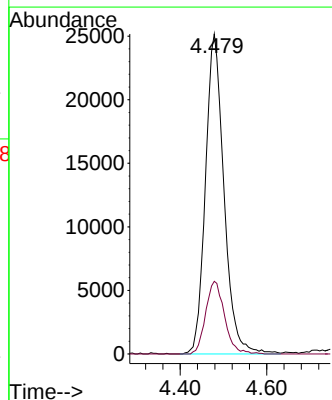
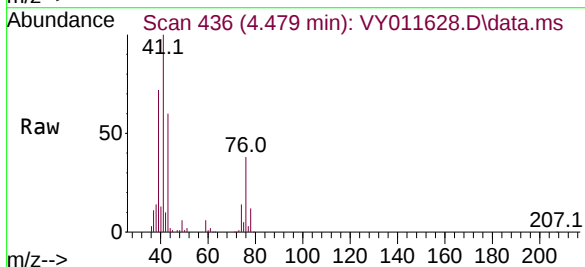
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

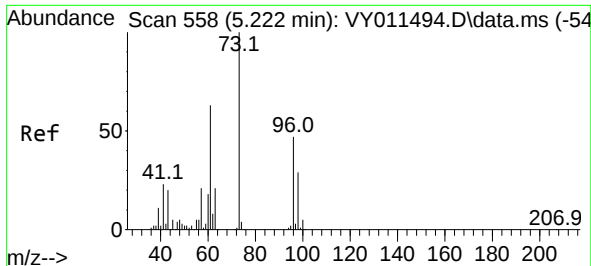
Tgt Ion: 76 Resp: 195140
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 53.637 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 43 Resp: 74663
Ion Ratio Lower Upper
43 100
74 23.1 16.6 24.8

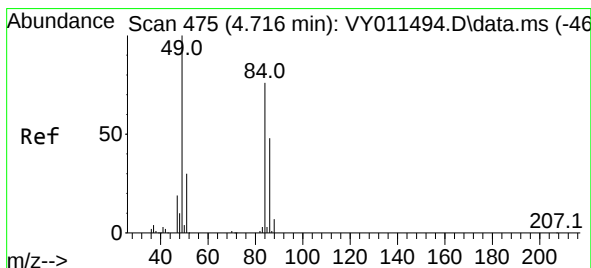
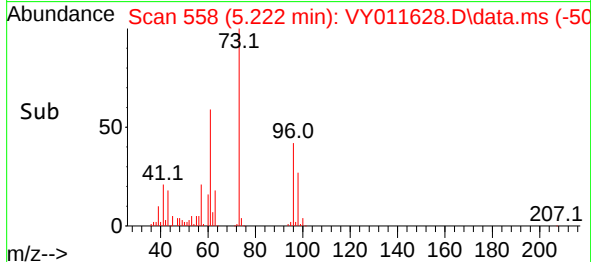
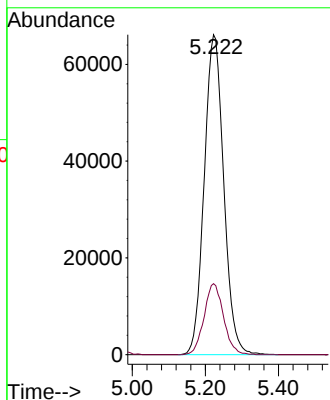
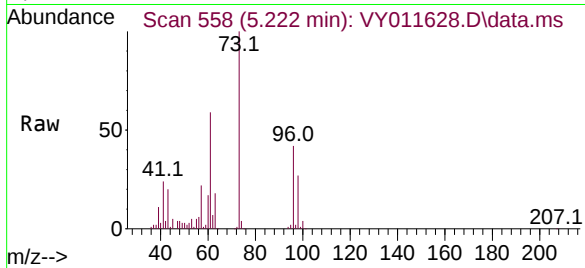




#19
Methyl tert-butyl Ether
Concen: 53.272 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

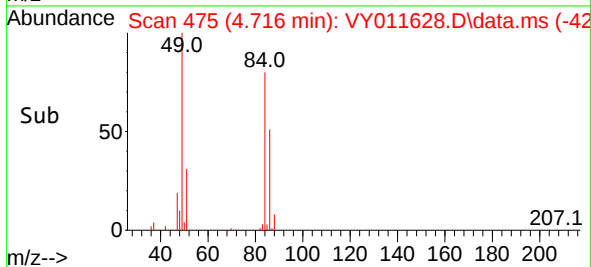
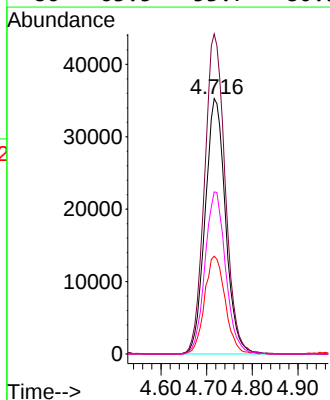
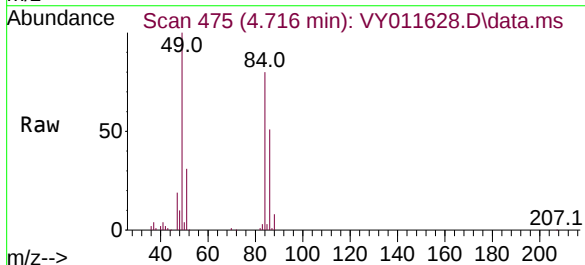
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

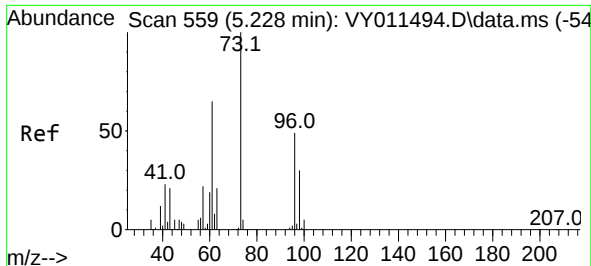
Tgt Ion: 73 Resp: 244726
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8



#20
Methylene Chloride
Concen: 48.141 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 84 Resp: 109786
Ion Ratio Lower Upper
84 100
49 125.3 114.4 171.6
51 38.3 35.3 52.9
86 63.5 53.7 80.5

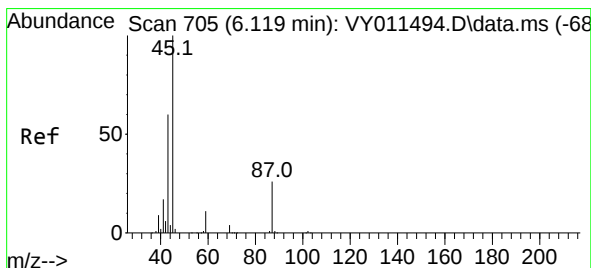
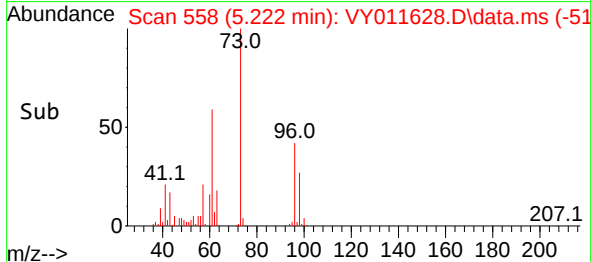
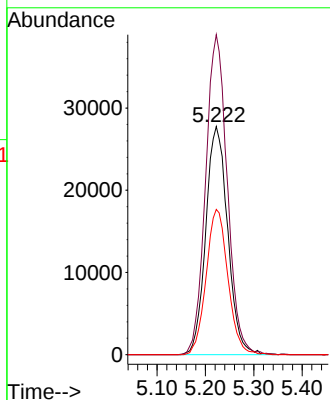
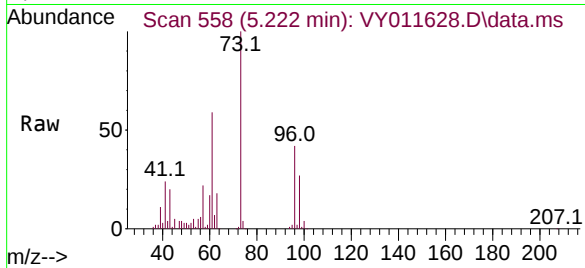




#21
trans-1,2-Dichloroethene
Concen: 47.022 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

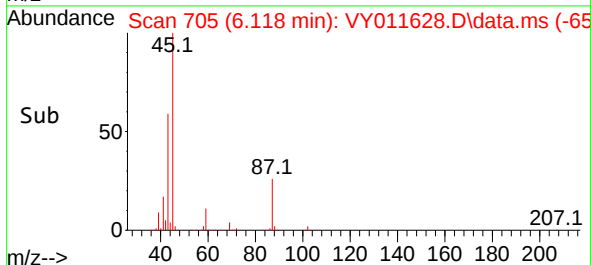
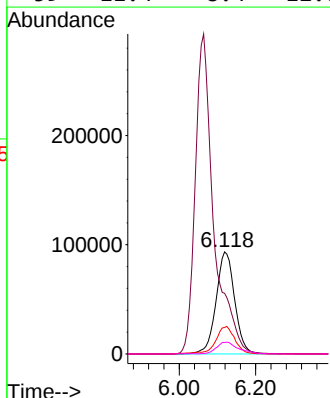
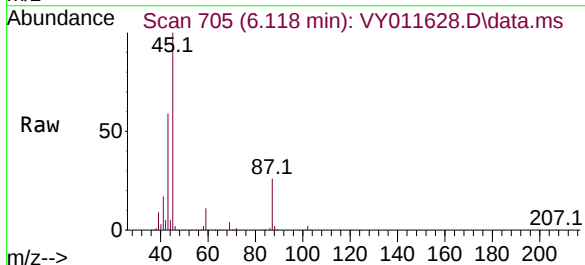
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

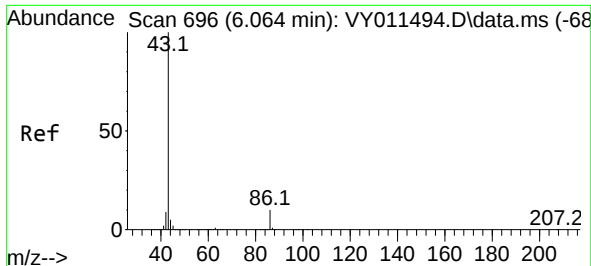
Tgt Ion: 96 Resp: 87466
Ion Ratio Lower Upper
96 100
61 140.2 120.5 180.7
98 63.7 49.8 74.8



#22
Diisopropyl ether
Concen: 51.214 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 45 Resp: 315893
Ion Ratio Lower Upper
45 100
43 59.0 49.3 73.9
87 26.0 19.2 28.8
59 11.4 8.4 12.6

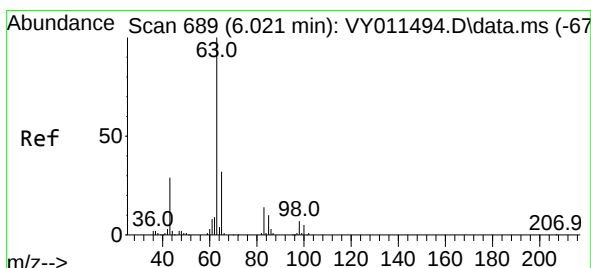
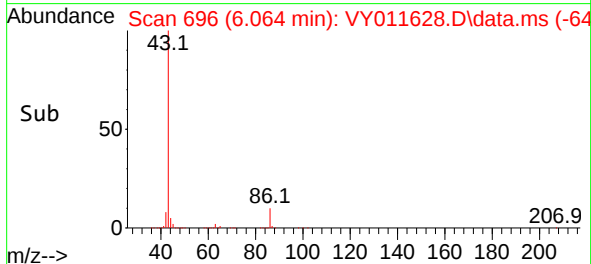
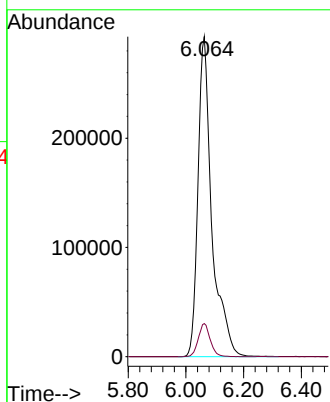
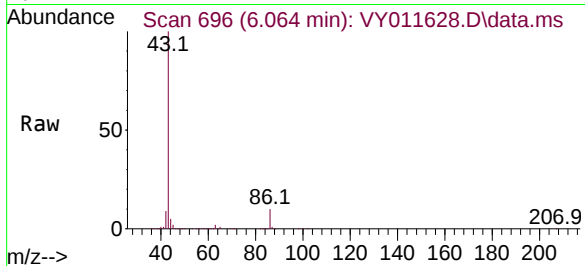




#23
 Vinyl Acetate
 Concen: 272.725 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY011628.D
 Acq: 29 Nov 2022 17:31

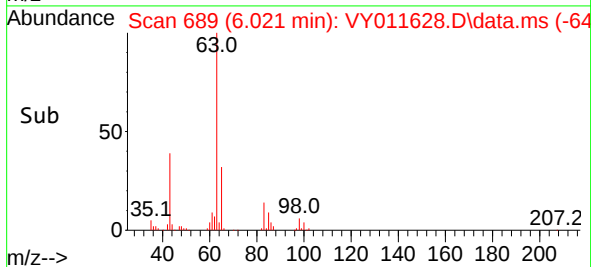
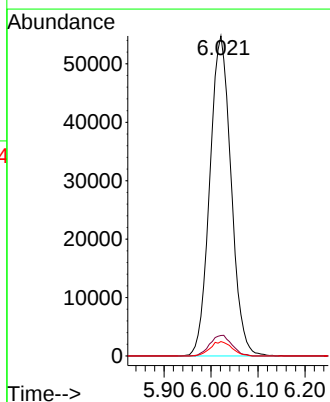
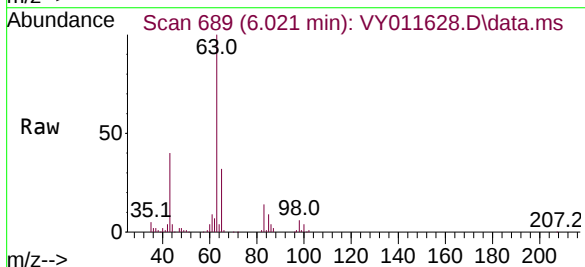
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

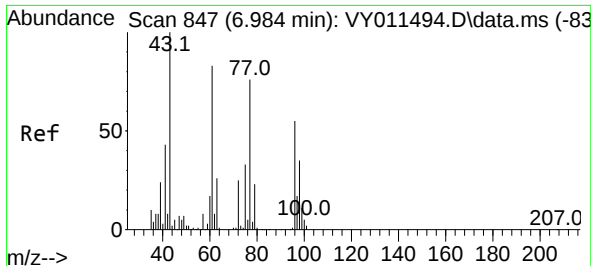
Tgt Ion: 43 Resp: 979888
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 47.621 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011628.D
 Acq: 29 Nov 2022 17:31

Tgt Ion: 63 Resp: 172462
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.5 2.0 5.8

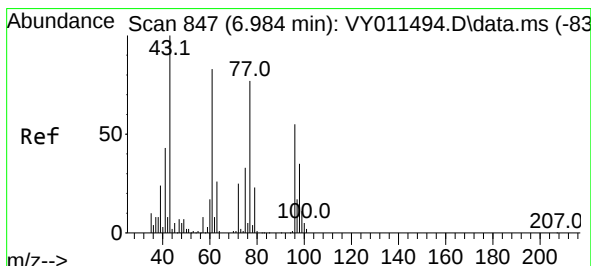
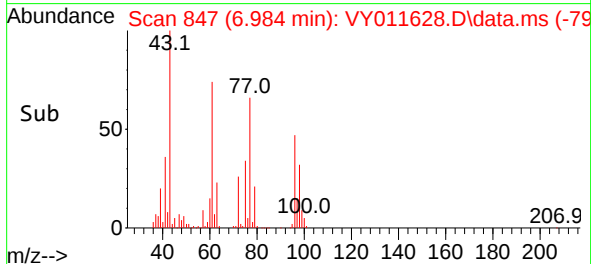
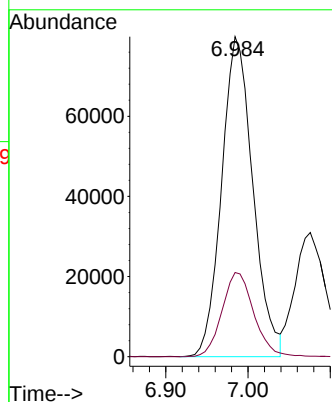
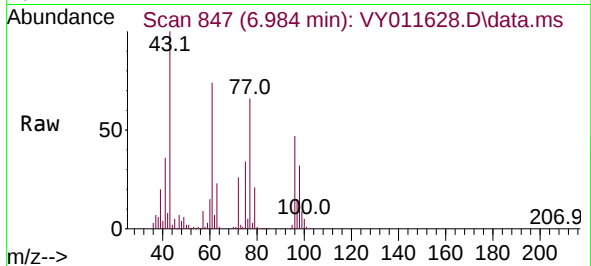




#25
2-Butanone
Concen: 266.079 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

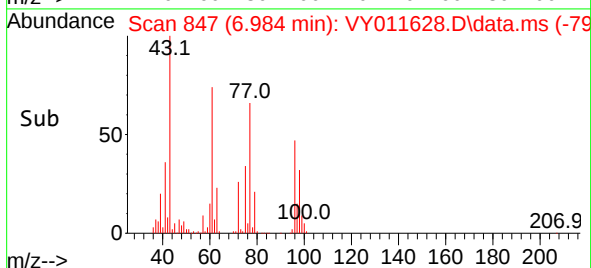
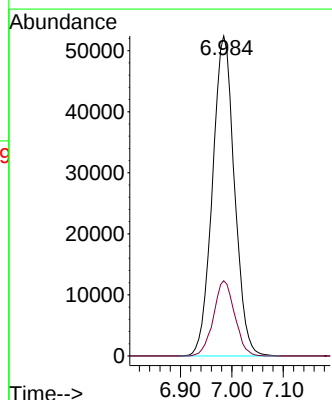
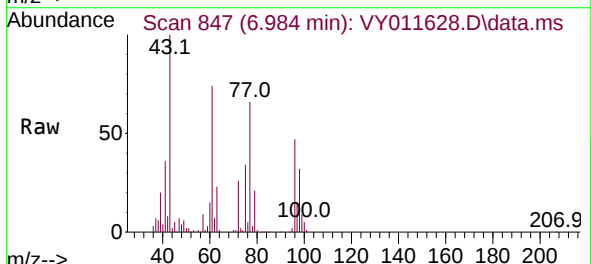
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

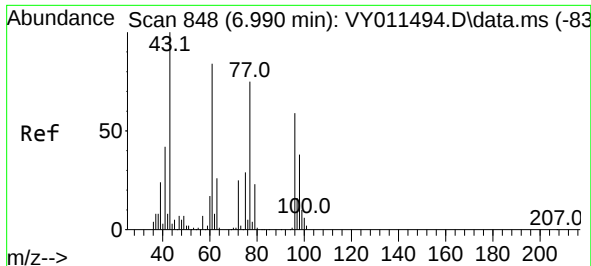
Tgt Ion: 43 Resp: 211254
Ion Ratio Lower Upper
43 100
72 26.3 17.7 26.5



#26
2,2-Dichloropropane
Concen: 46.612 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 77 Resp: 155797
Ion Ratio Lower Upper
77 100
97 22.7 10.4 31.4

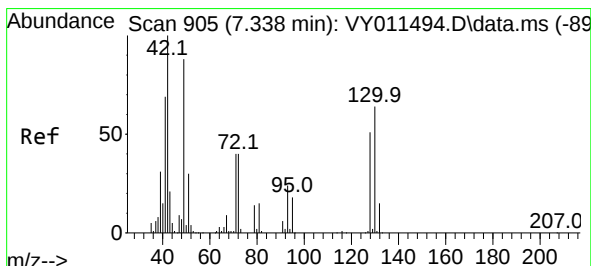
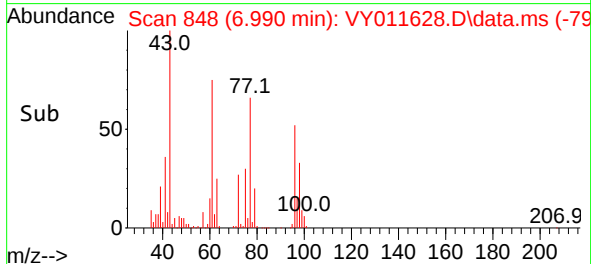
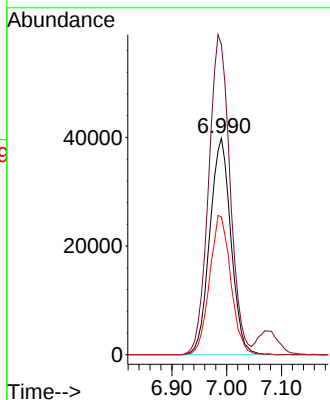
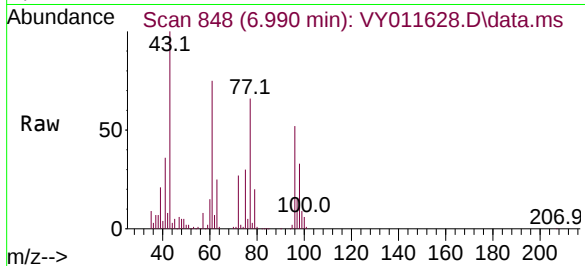




#27
 cis-1,2-Dichloroethene
 Concen: 48.697 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY011628.D
 Acq: 29 Nov 2022 17:31

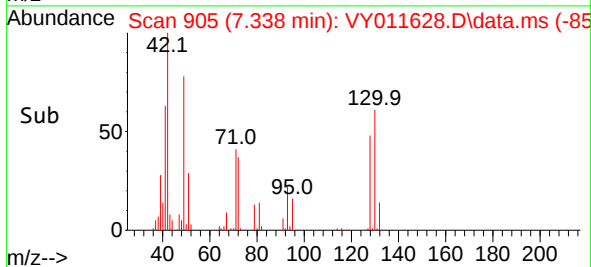
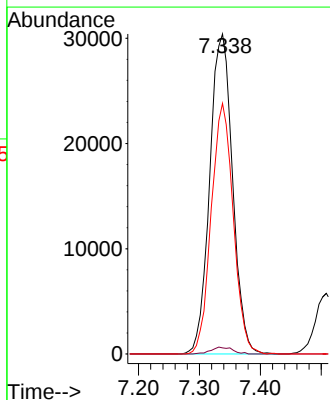
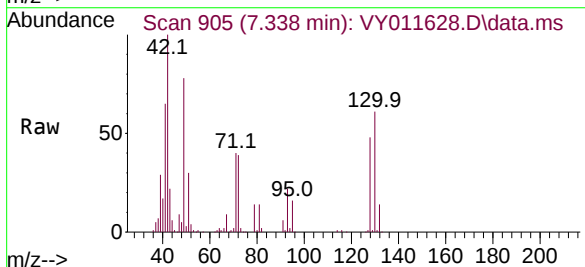
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

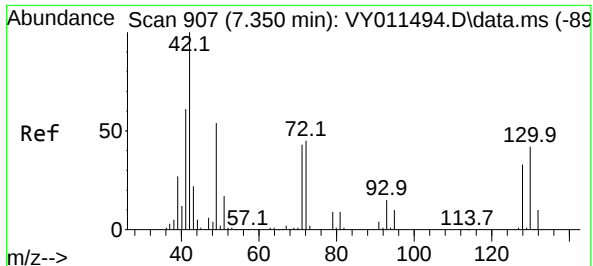
Tgt Ion: 96 Resp: 106640
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 319.8
 98 64.5 0.0 127.0



#28
 Bromochloromethane
 Concen: 54.461 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: VY011628.D
 Acq: 29 Nov 2022 17:31

Tgt Ion: 49 Resp: 79235
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 75.5 55.4 83.0





#29

Tetrahydrofuran

Concen: 280.488 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

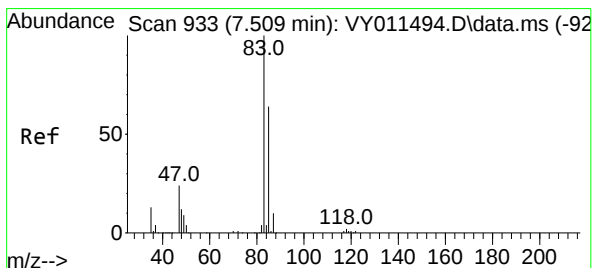
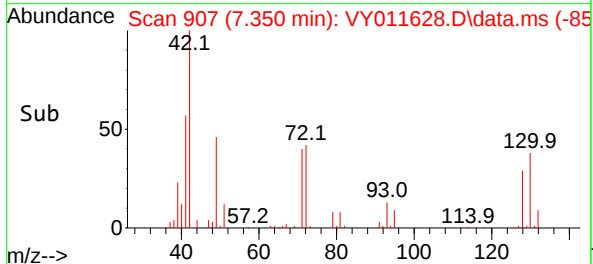
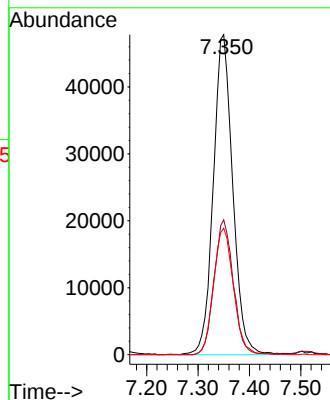
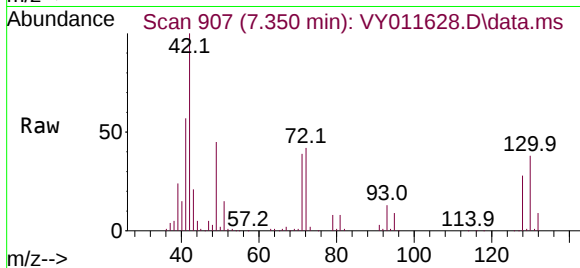
Tgt Ion: 42 Resp: 125763

Ion Ratio Lower Upper

42 100

72 41.8 30.3 45.5

71 40.2 29.0 43.4



#30

Chloroform

Concen: 48.577 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.001 min

Lab File: VY011628.D

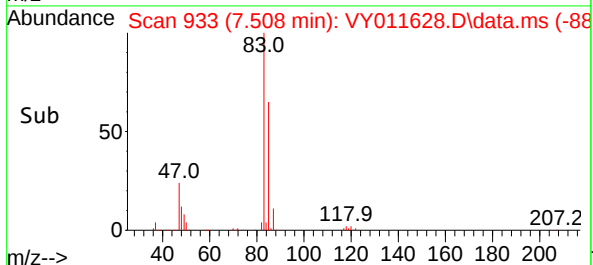
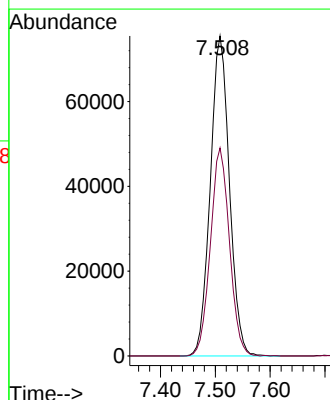
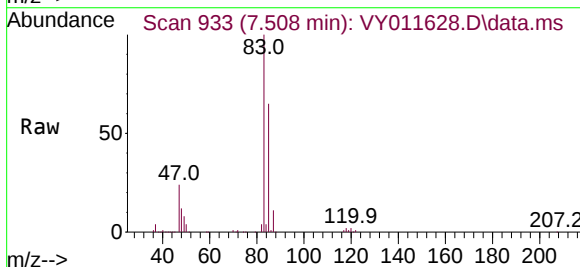
Acq: 29 Nov 2022 17:31

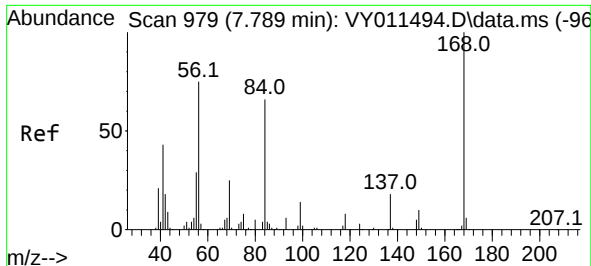
Tgt Ion: 83 Resp: 182439

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

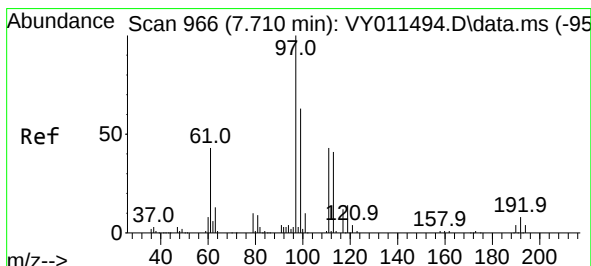
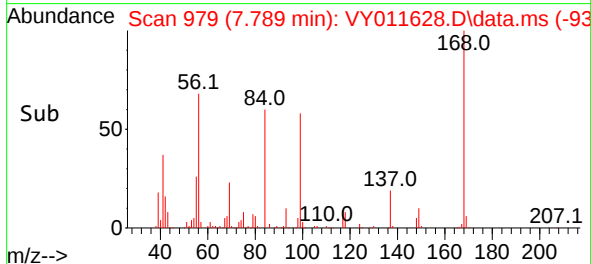
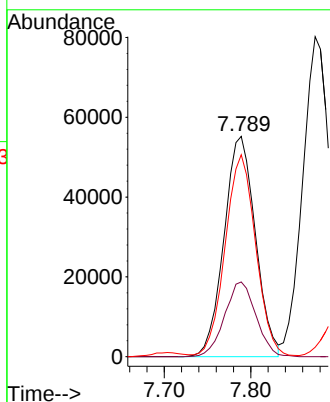
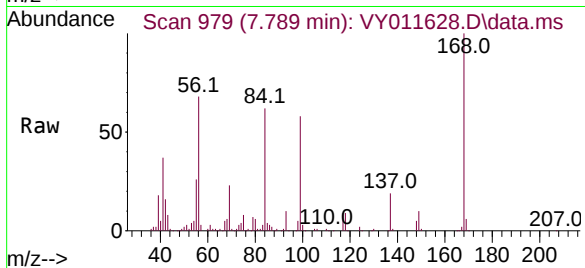




#31
Cyclohexane
Concen: 45.112 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

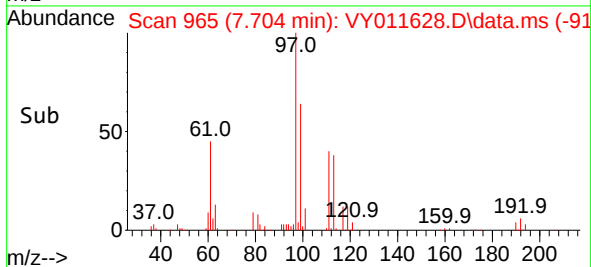
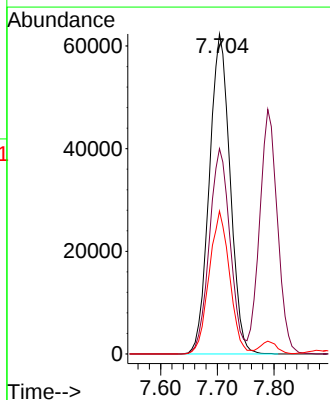
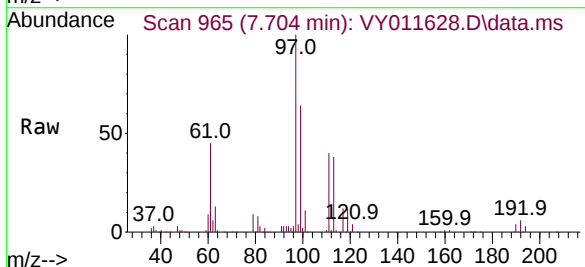
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

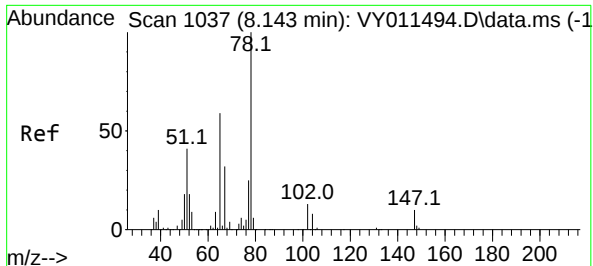
Tgt Ion: 56 Resp: 139071
Ion Ratio Lower Upper
56 100
69 33.9 26.7 40.1
84 90.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 47.202 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 97 Resp: 158585
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 44.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 52.798 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

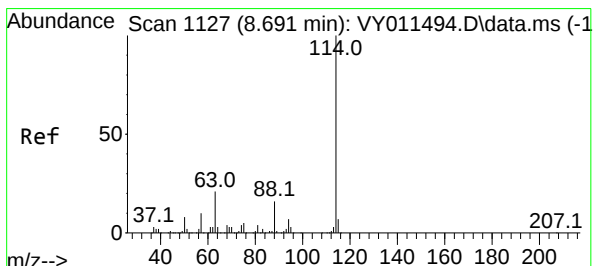
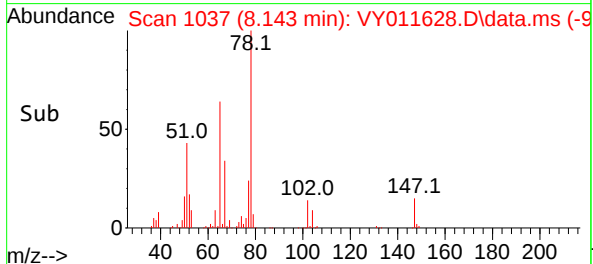
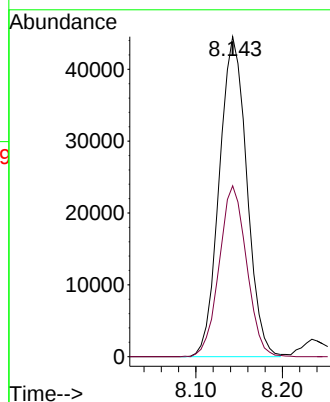
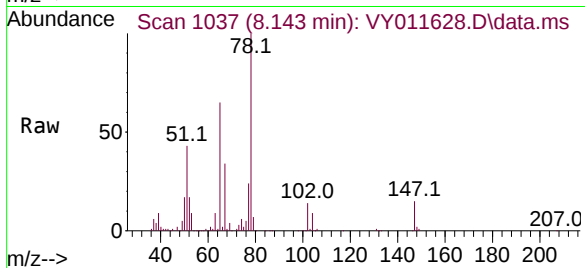
VSTDCCC050EC

Tgt Ion: 65 Resp: 98198

Ion Ratio Lower Upper

65 100

67 53.1 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: VY011628.D

Acq: 29 Nov 2022 17:31

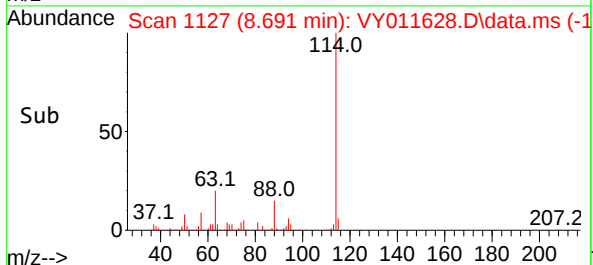
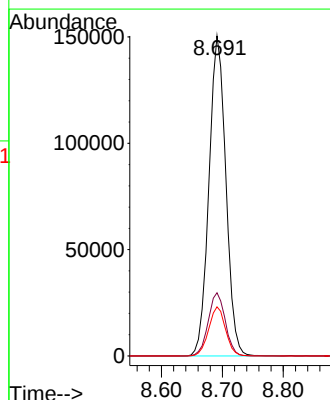
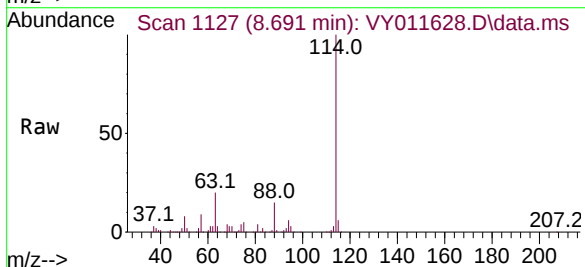
Tgt Ion: 114 Resp: 290173

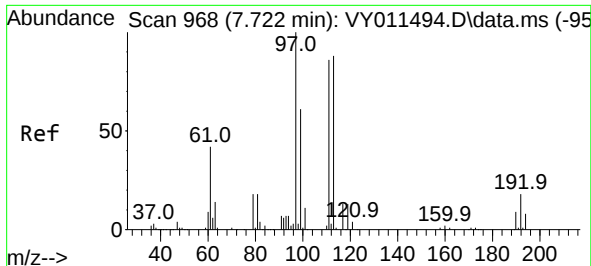
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.3 0.0 31.8

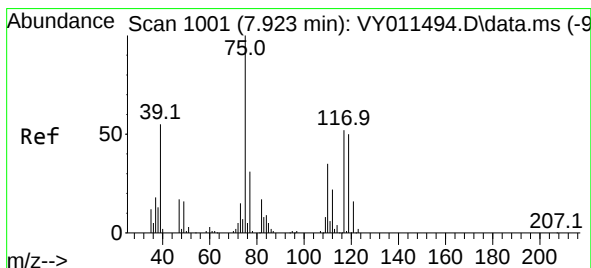
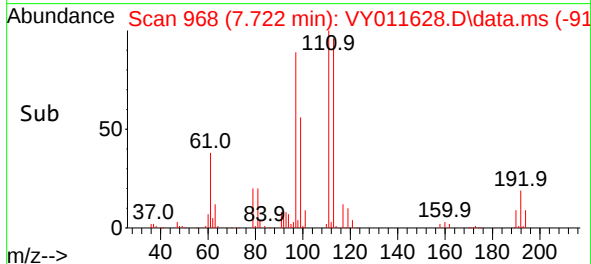
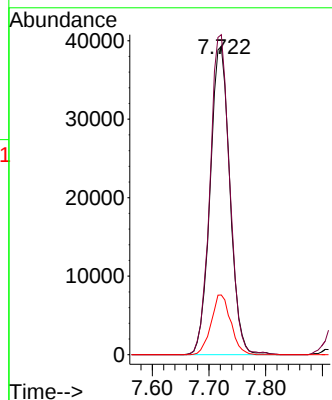
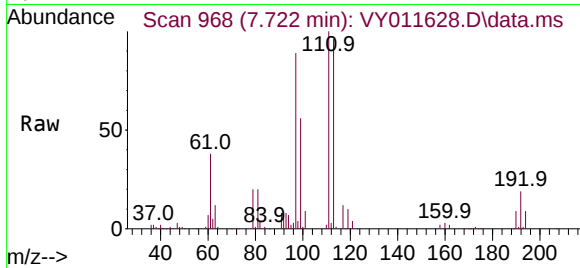




#35
Dibromofluoromethane
Concen: 53.217 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

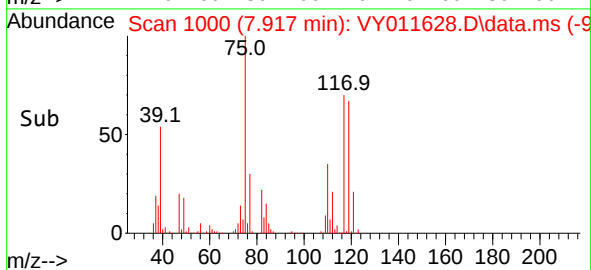
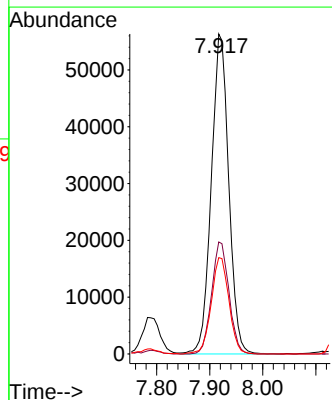
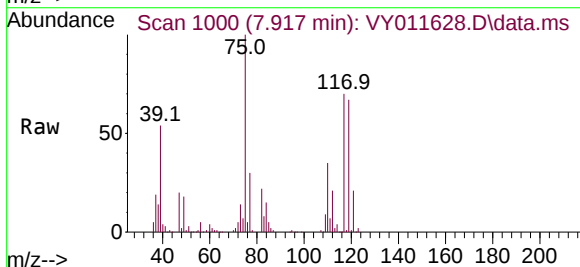
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

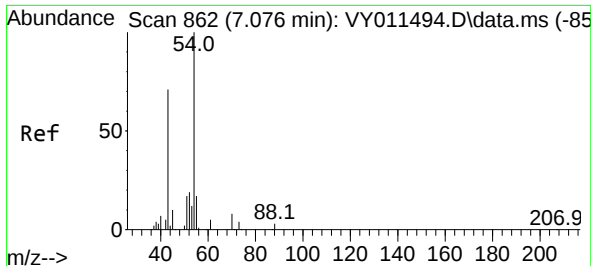
Tgt Ion:113 Resp: 95061
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 46.059 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 75 Resp: 128607
Ion Ratio Lower Upper
75 100
110 34.7 17.1 51.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 51.788 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

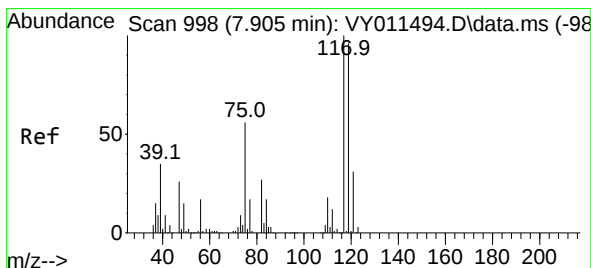
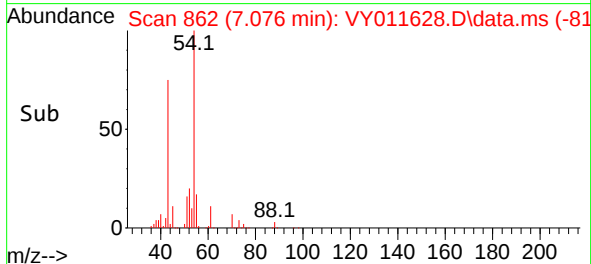
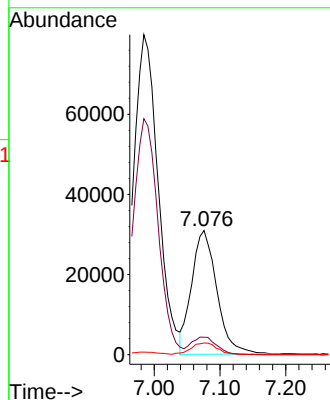
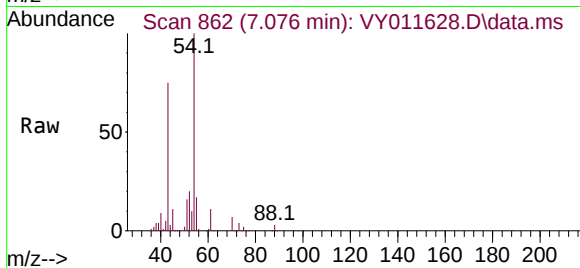
Tgt Ion: 43 Resp: 82341

Ion Ratio Lower Upper

43 100

61 14.3 9.7 14.5

70 10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 45.826 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

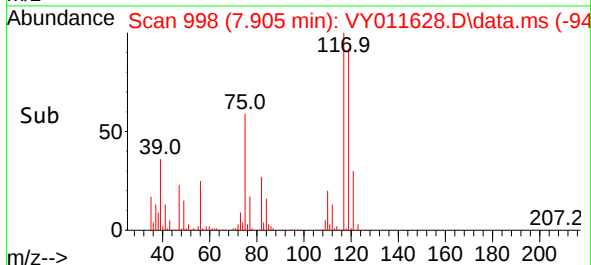
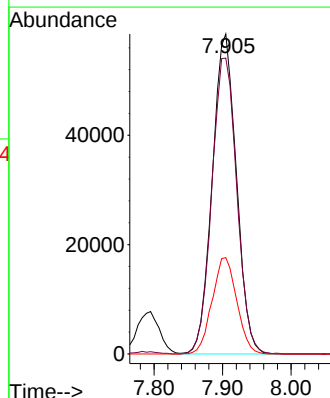
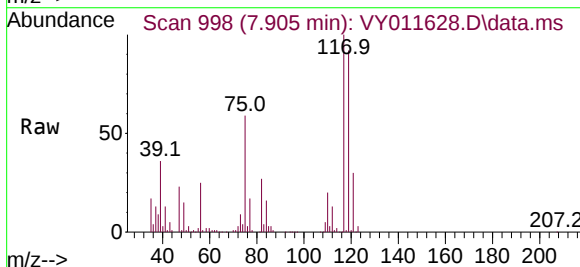
Tgt Ion: 117 Resp: 143155

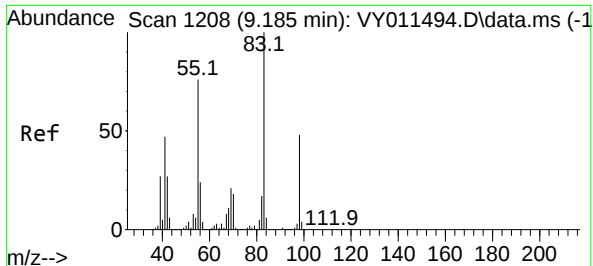
Ion Ratio Lower Upper

117 100

119 92.4 77.9 116.9

121 30.1 24.8 37.2





#39

Methylcyclohexane

Concen: 46.836 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

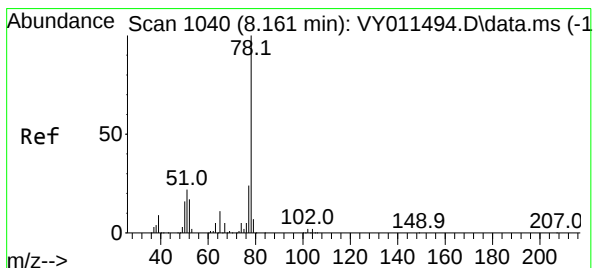
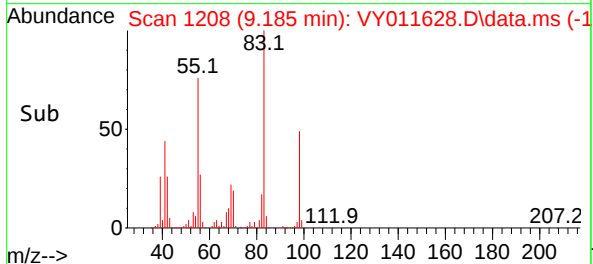
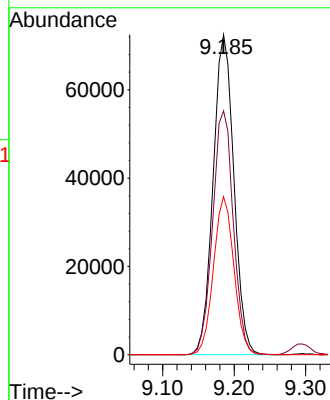
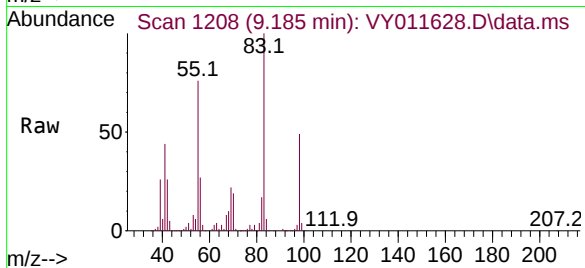
Tgt Ion: 83 Resp: 145941

Ion Ratio Lower Upper

83 100

55 76.2 66.5 99.7

98 49.4 37.9 56.9



#40

Benzene

Concen: 46.668 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011628.D

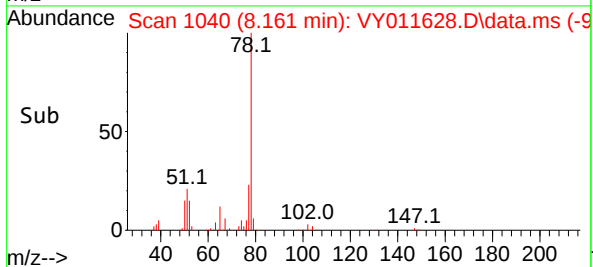
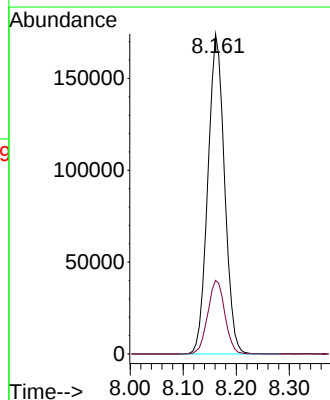
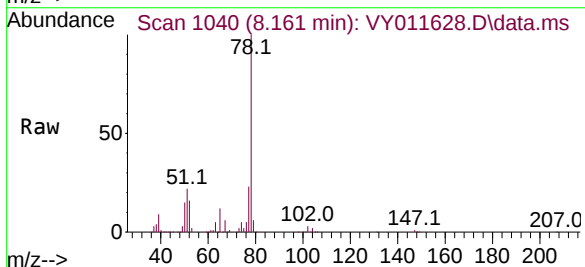
Acq: 29 Nov 2022 17:31

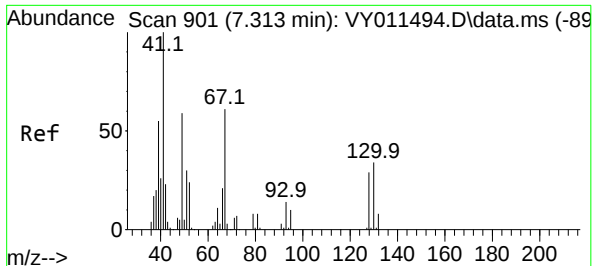
Tgt Ion: 78 Resp: 379578

Ion Ratio Lower Upper

78 100

77 23.0 20.4 30.6

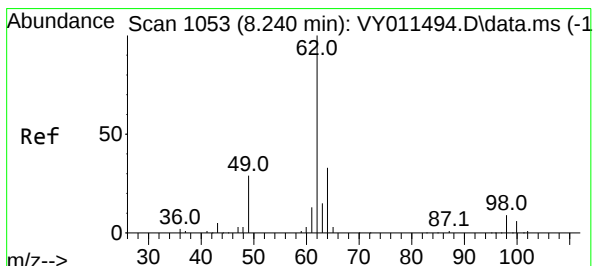
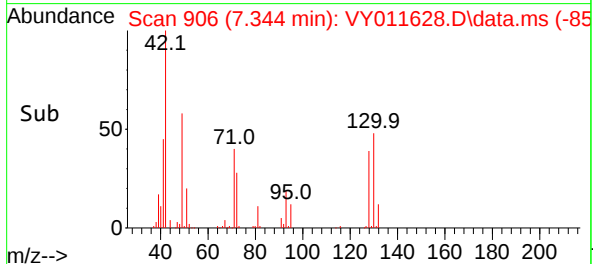
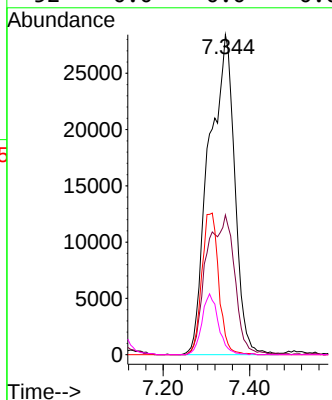
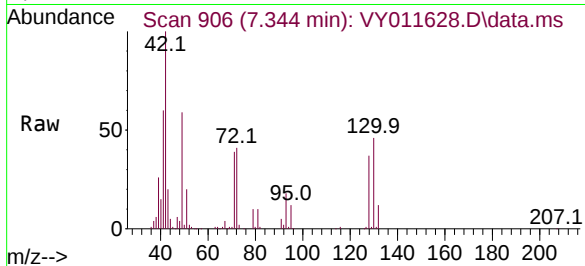




#41
Methacrylonitrile
Concen: 146.099 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

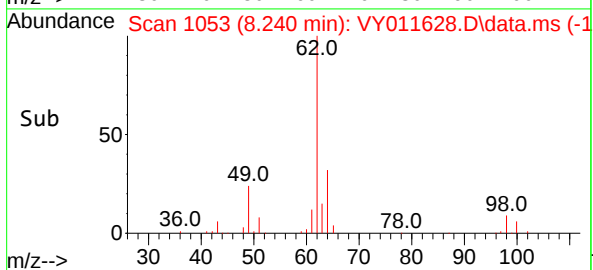
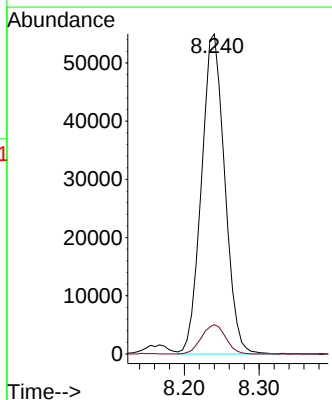
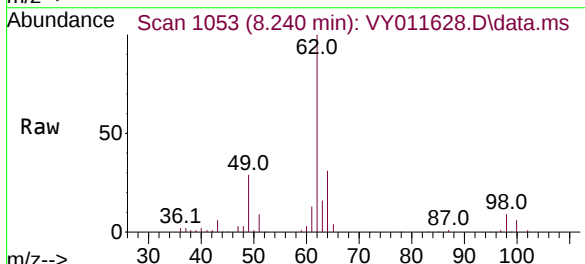
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

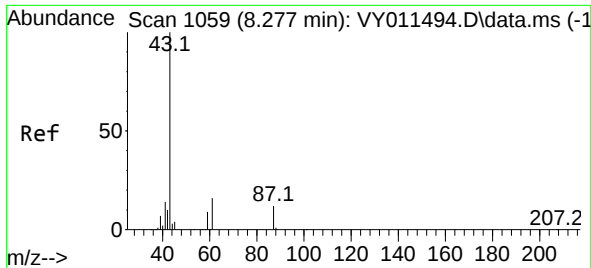
Tgt Ion: 41 Resp: 117449
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 47.307 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 62 Resp: 118997
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8

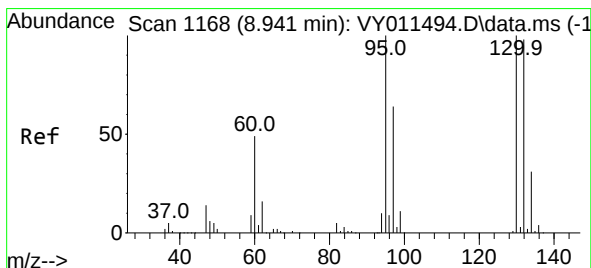
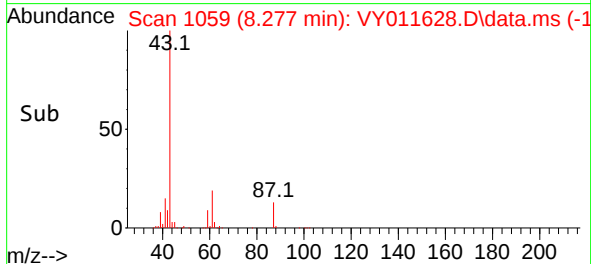
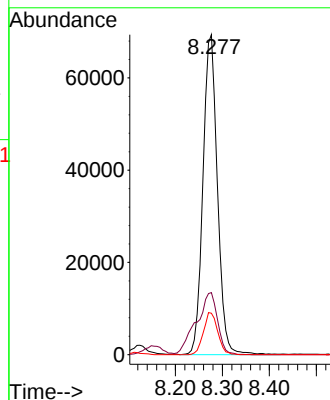
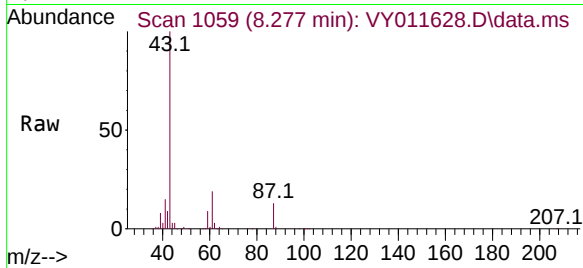




#43
Isopropyl Acetate
Concen: 51.695 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

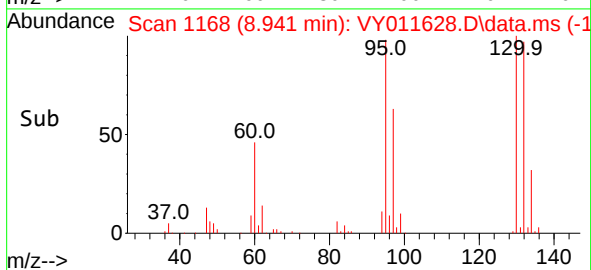
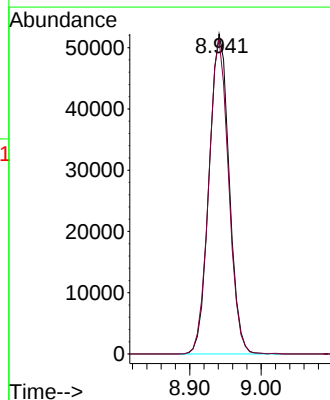
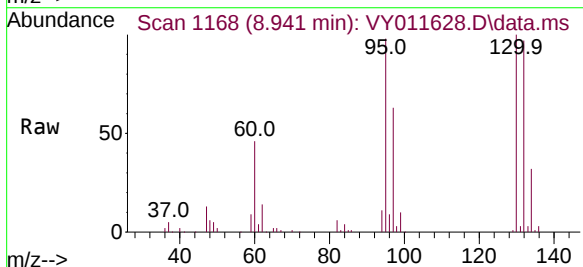
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

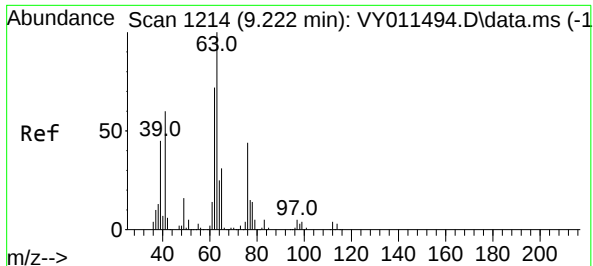
Tgt Ion:	43	Resp:	148277
Ion	Ratio	Lower	Upper
43	100		
61	28.5	20.2	30.2
87	13.0	8.9	13.3



#44
Trichloroethene
Concen: 46.409 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion:	130	Resp:	101560
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	188.2





#45

1,2-Dichloropropane

Concen: 48.182 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.007 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

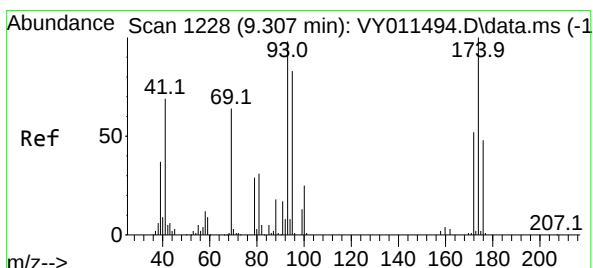
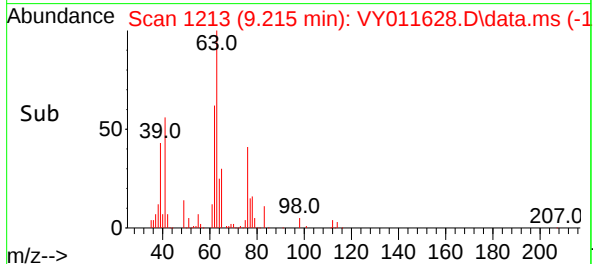
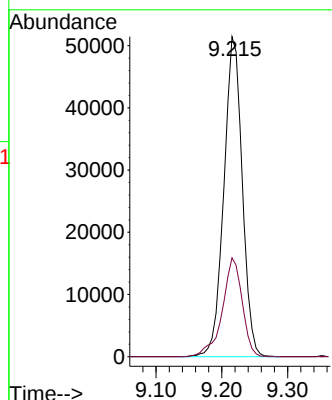
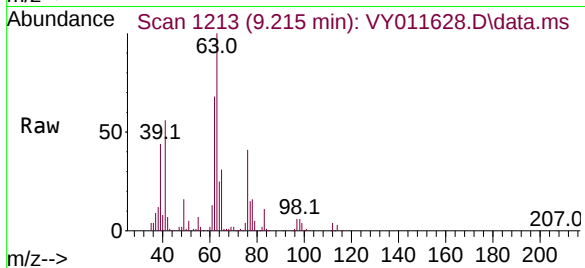
VSTDCCC050EC

Tgt Ion: 63 Resp: 100170

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.6



#46

Dibromomethane

Concen: 48.773 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

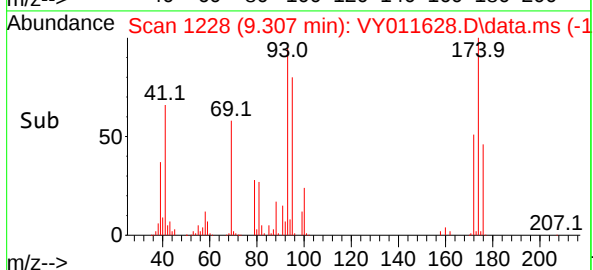
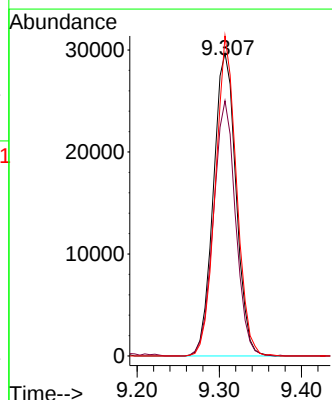
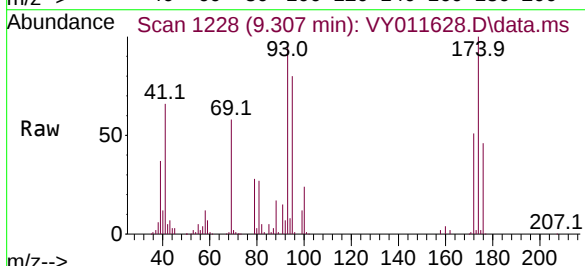
Tgt Ion: 93 Resp: 56696

Ion Ratio Lower Upper

93 100

95 82.4 64.3 96.5

174 98.5 83.4 125.0

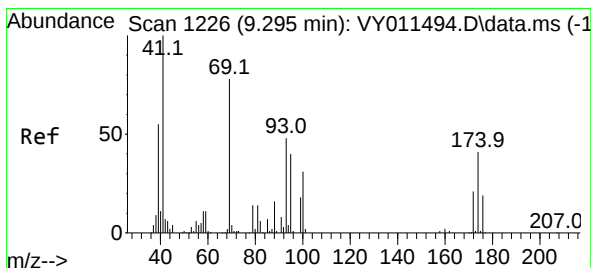
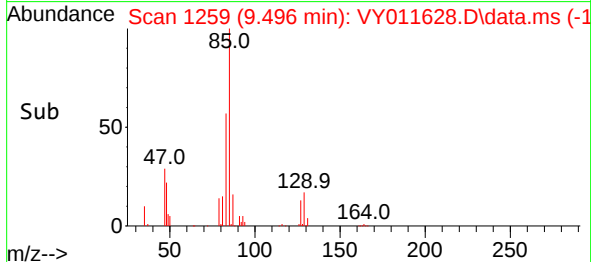
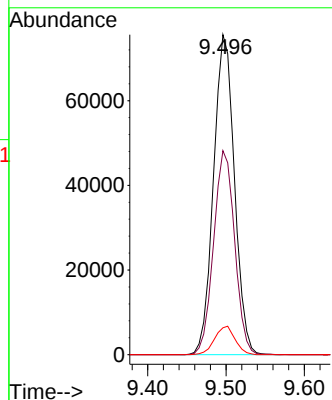
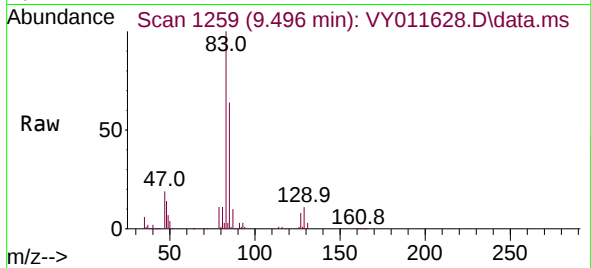




#47
Bromodichloromethane
Concen: 47.954 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

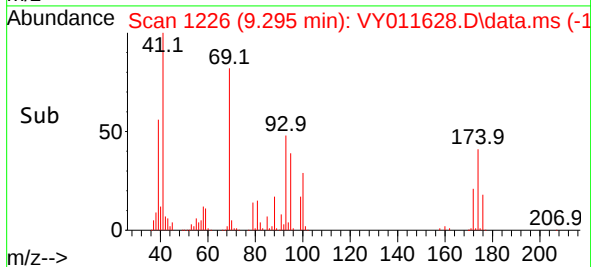
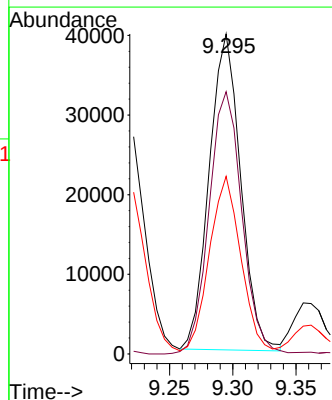
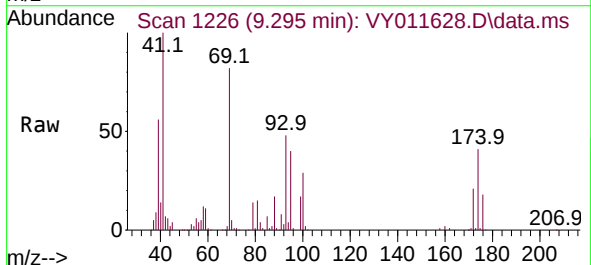
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

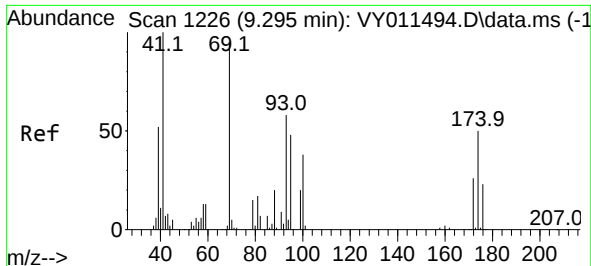
Tgt Ion: 83 Resp: 140412
Ion Ratio Lower Upper
83 100
85 63.8 51.9 77.9
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 53.858 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 41 Resp: 68616
Ion Ratio Lower Upper
41 100
69 86.7 58.2 87.2
39 56.6 47.4 71.0





#49

1,4-Dioxane

Concen: 1082.673 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

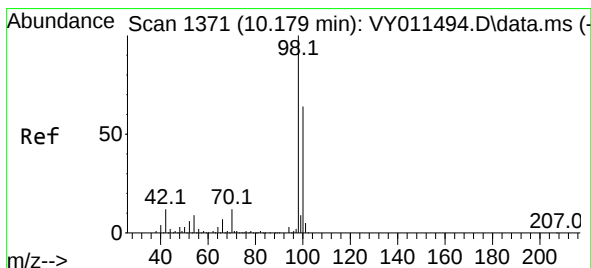
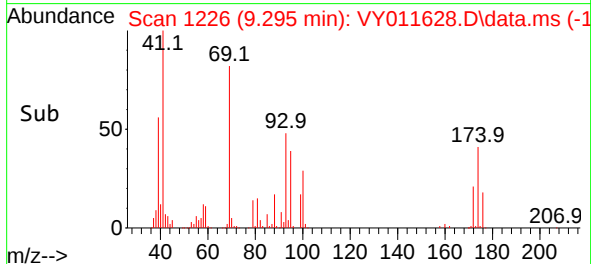
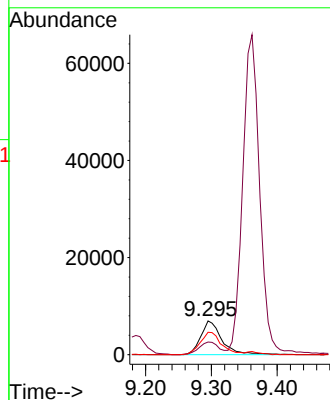
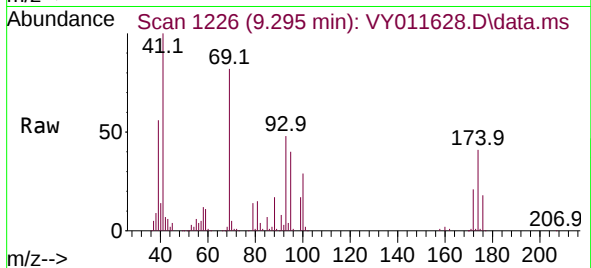
Tgt Ion: 88 Resp: 15586

Ion Ratio Lower Upper

88 100

43 36.6 32.8 49.2

58 67.1 59.8 89.6



#50

Toluene-d8

Concen: 50.279 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011628.D

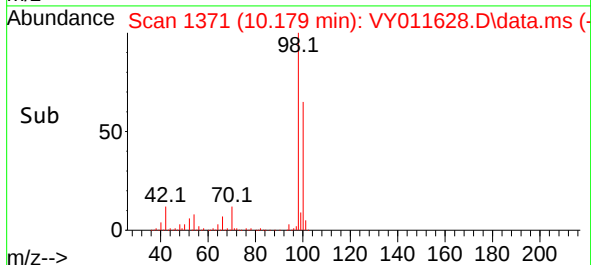
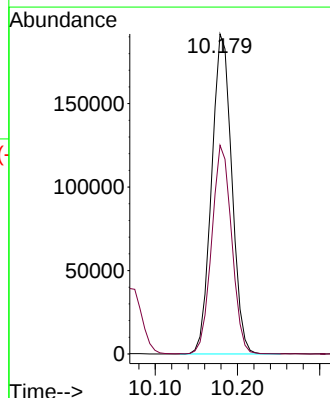
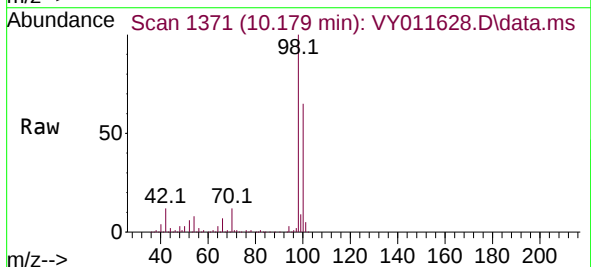
Acq: 29 Nov 2022 17:31

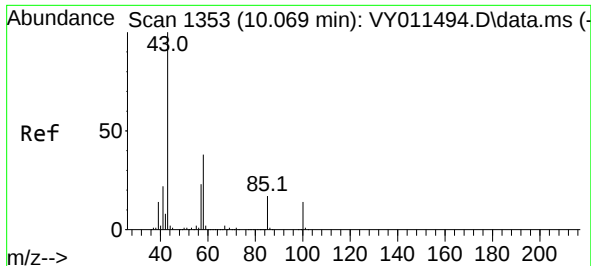
Tgt Ion: 98 Resp: 326368

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

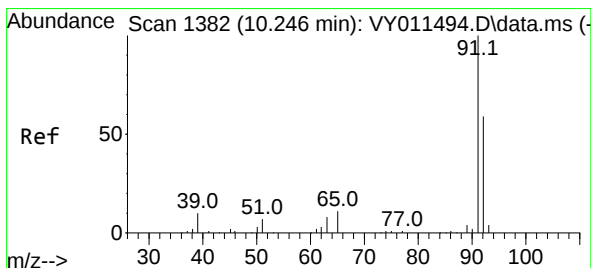
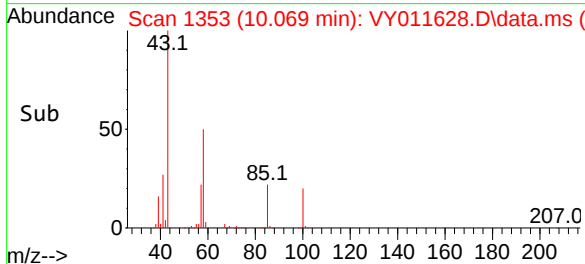
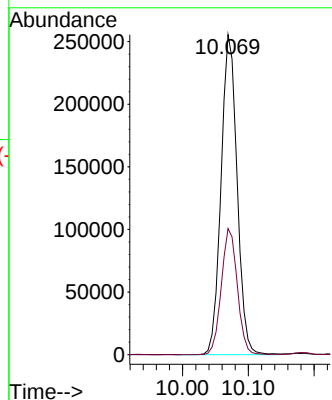
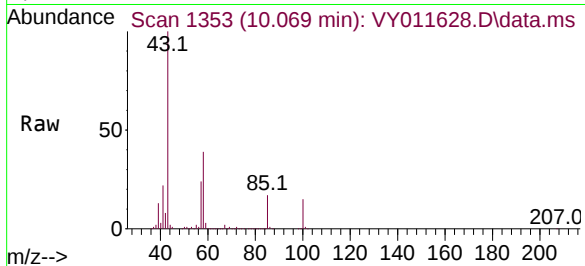




#51
4-Methyl-2-Pentanone
Concen: 271.770 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

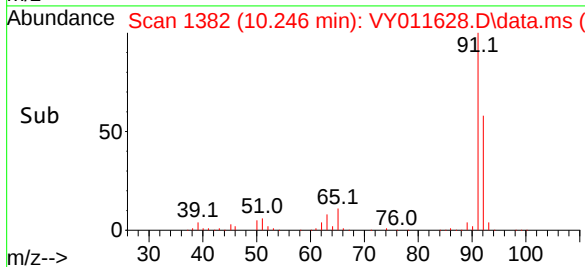
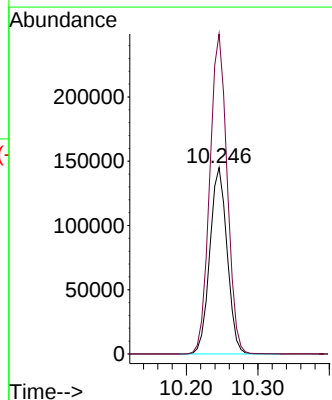
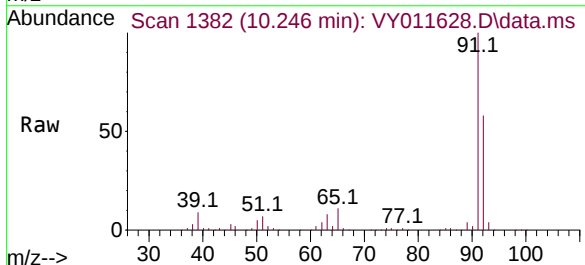
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

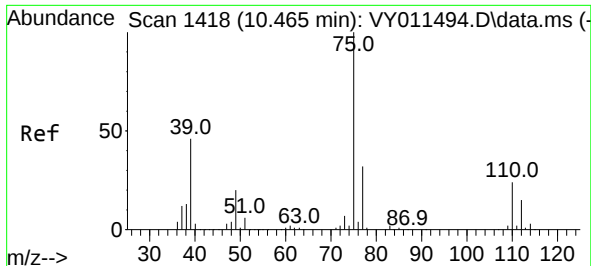
Tgt Ion: 43 Resp: 433331
Ion Ratio Lower Upper
43 100
58 39.4 28.1 42.1



#52
Toluene
Concen: 47.288 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 92 Resp: 243219
Ion Ratio Lower Upper
92 100
91 172.8 142.6 213.8

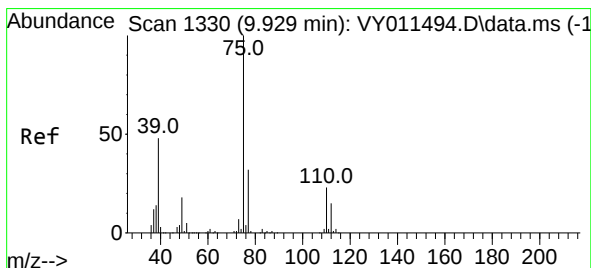
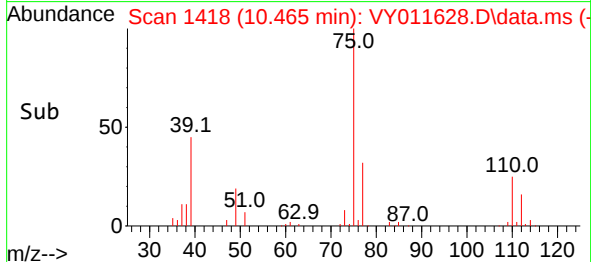
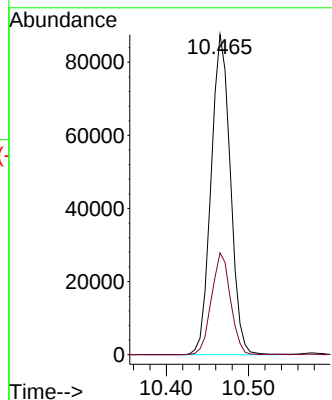
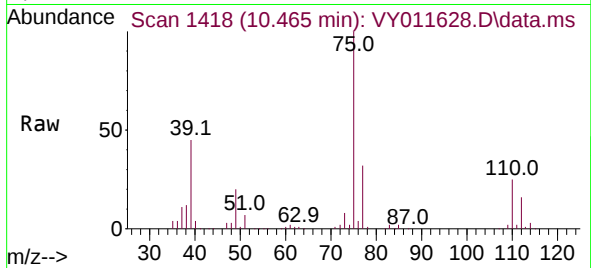




#53
t-1,3-Dichloropropene
Concen: 48.813 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

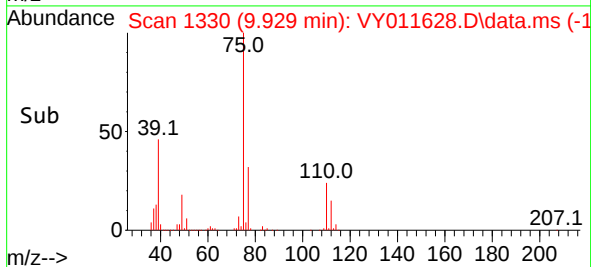
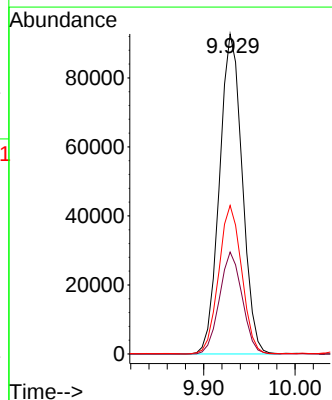
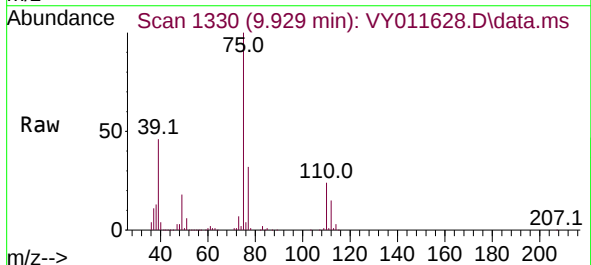
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

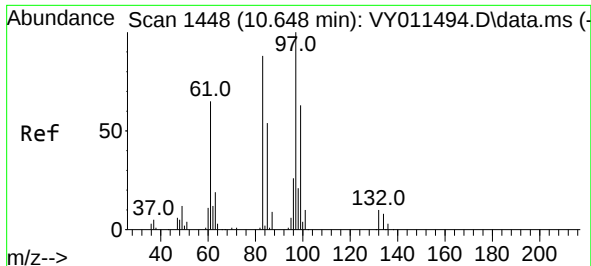
Tgt Ion: 75 Resp: 142871
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.732 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 75 Resp: 160458
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 46.3 47.6 71.4#

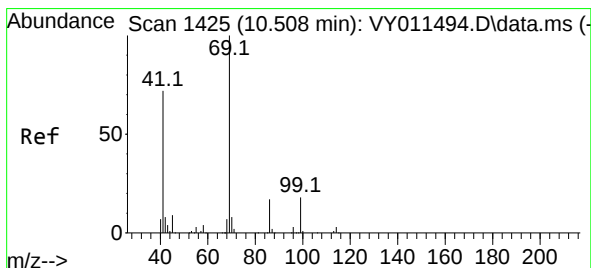
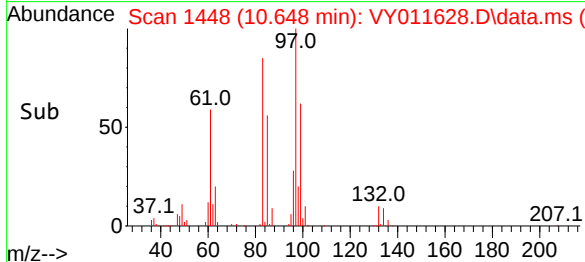
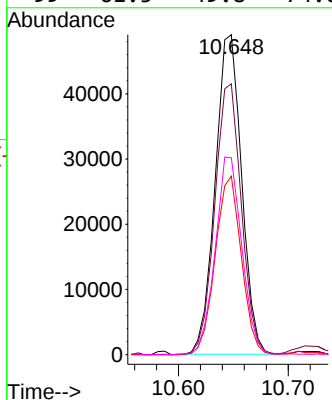
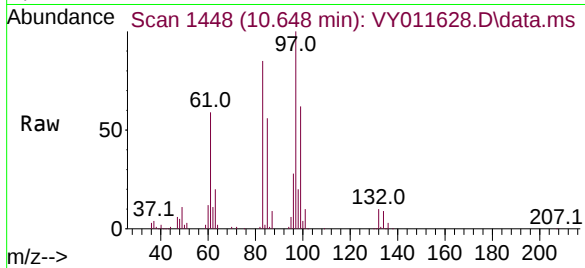




#55
1,1,2-Trichloroethane
Concen: 49.359 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

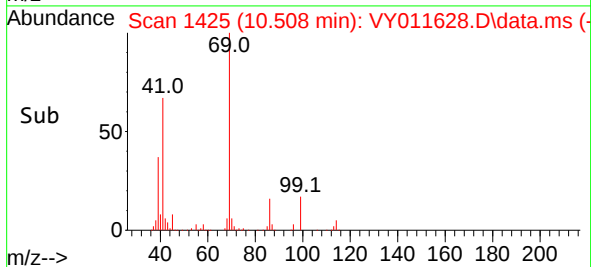
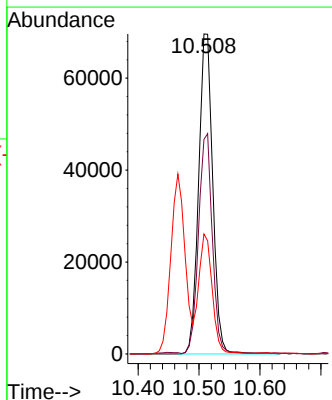
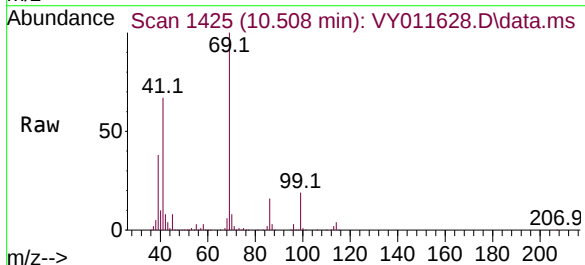
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

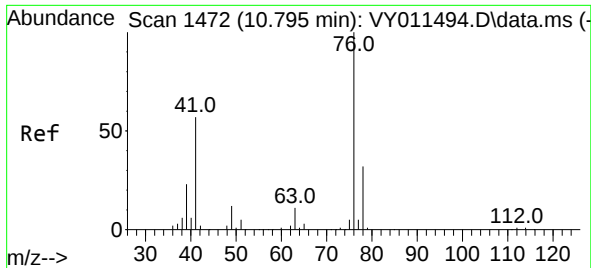
Tgt Ion:	97	Resp:	82087
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.8	104.8
85	55.9	44.3	66.5
99	61.5	49.8	74.6



#56
Ethyl methacrylate
Concen: 54.174 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion:	69	Resp:	112051
Ion	Ratio	Lower	Upper
69	100		
41	66.9	63.4	95.0
39	35.4	35.8	53.8#

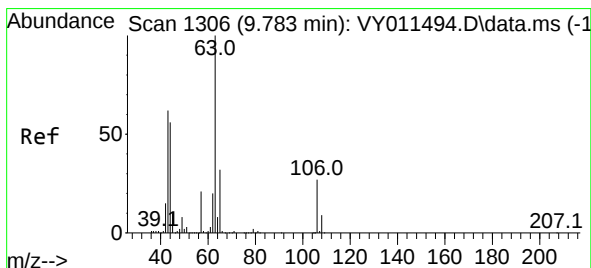
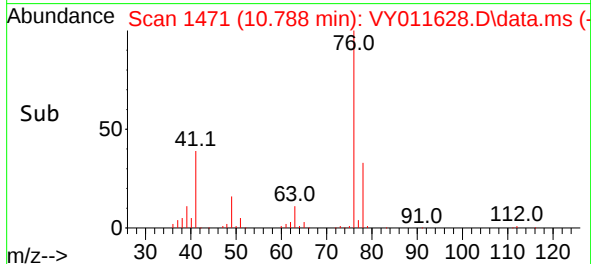
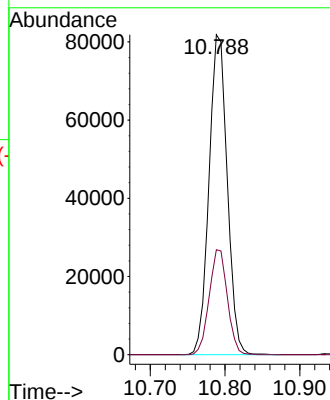
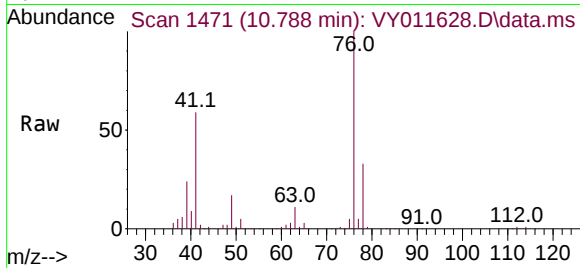




#57
1,3-Dichloropropane
Concen: 49.210 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.007 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

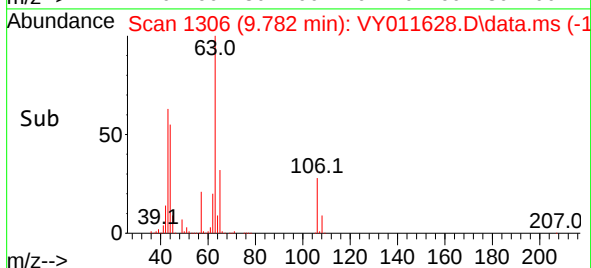
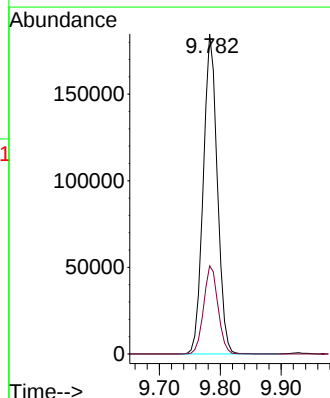
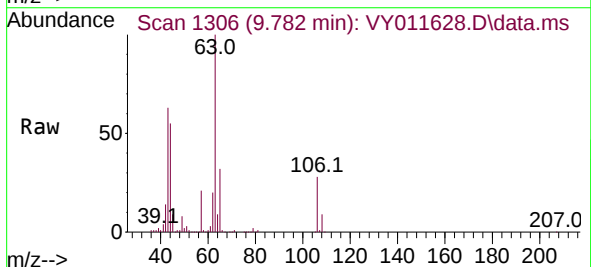
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

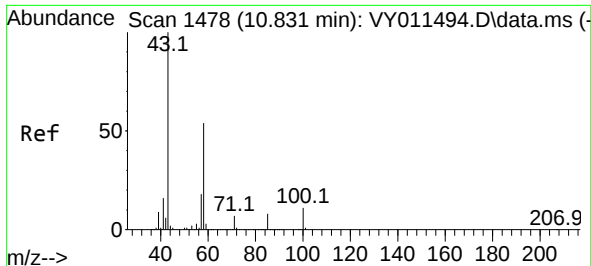
Tgt Ion: 76 Resp: 138601
Ion Ratio Lower Upper
76 100
78 32.7 25.0 37.6



#58
2-Chloroethyl Vinyl ether
Concen: 292.270 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 63 Resp: 296065
Ion Ratio Lower Upper
63 100
106 28.0 21.5 32.3

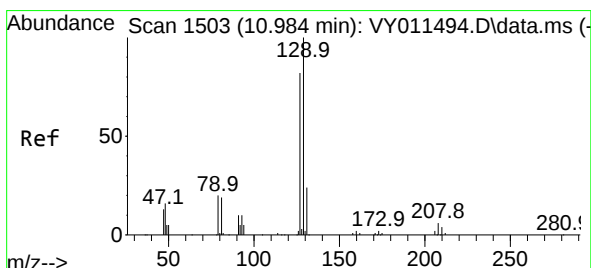
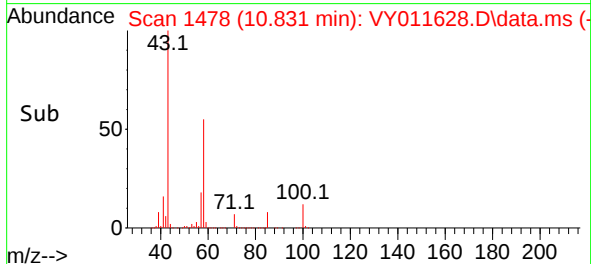
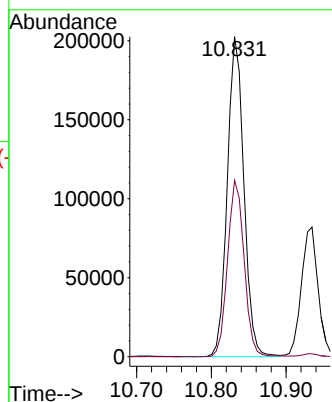
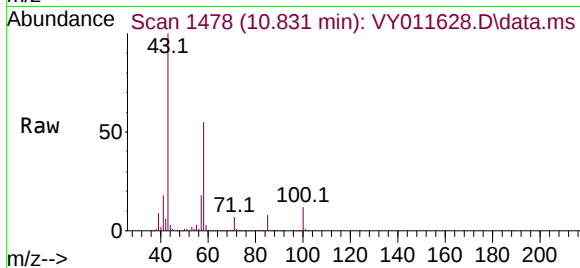




#59
2-Hexanone
Concen: 274.796 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

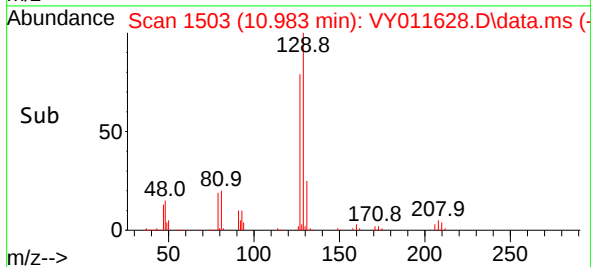
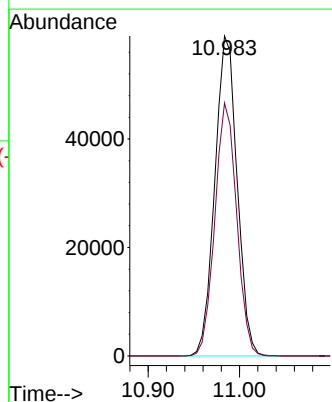
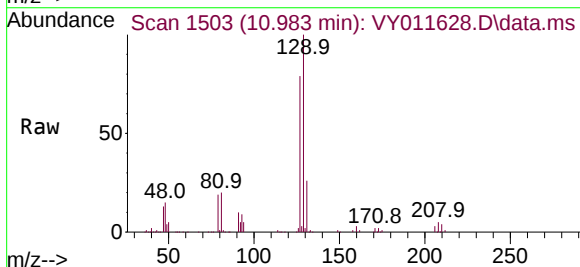
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

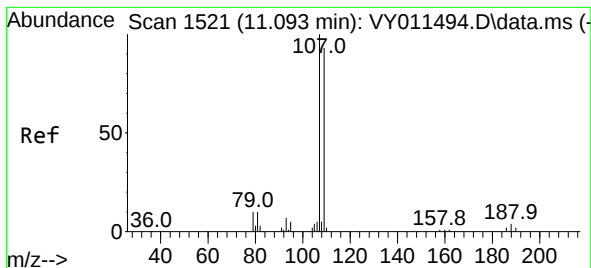
Tgt Ion: 43 Resp: 312722
Ion Ratio Lower Upper
43 100
58 55.1 24.4 73.4



#60
Dibromochloromethane
Concen: 49.071 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 129 Resp: 100011
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

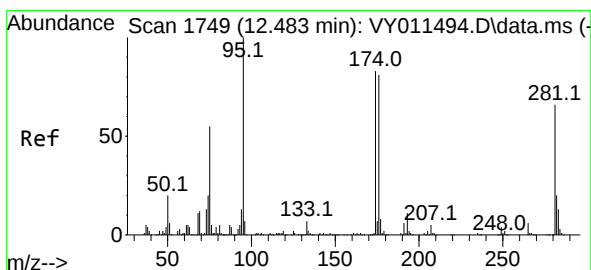
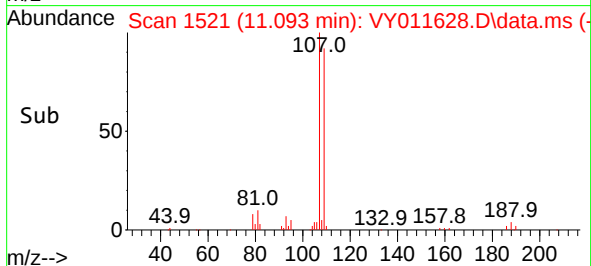
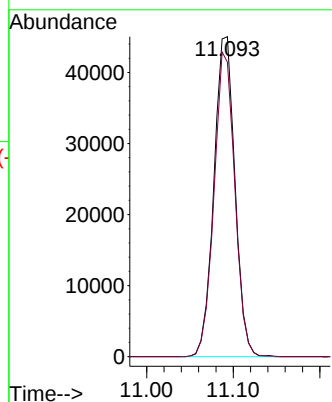
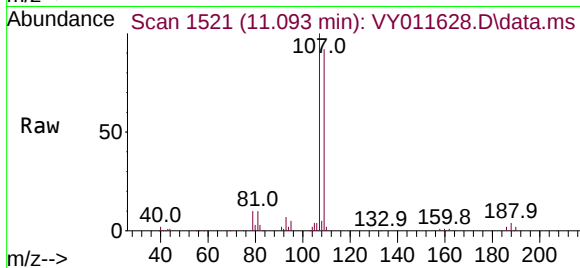




#61
1,2-Dibromoethane
Concen: 50.087 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

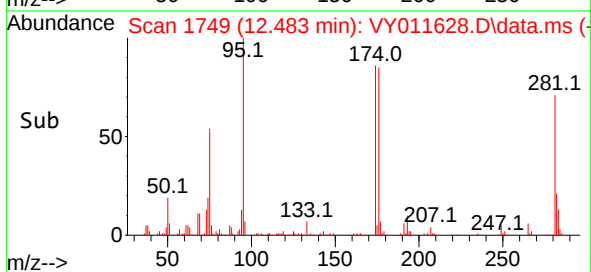
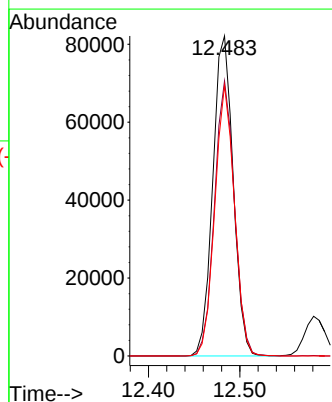
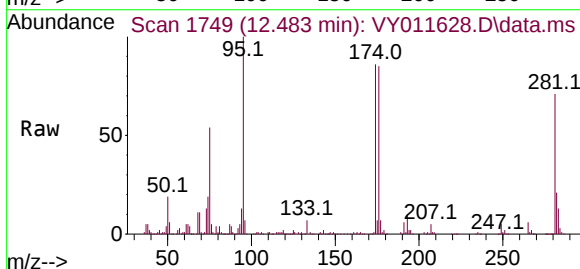
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

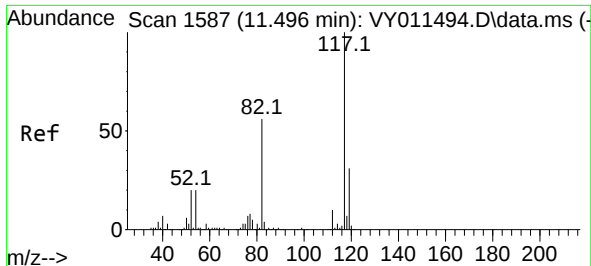
Tgt Ion:107 Resp: 76033
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.916 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 95 Resp: 126998
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 81.7 0.0 175.8

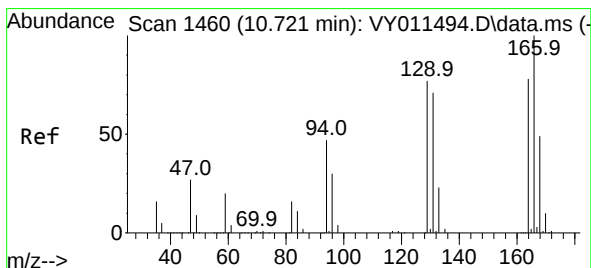
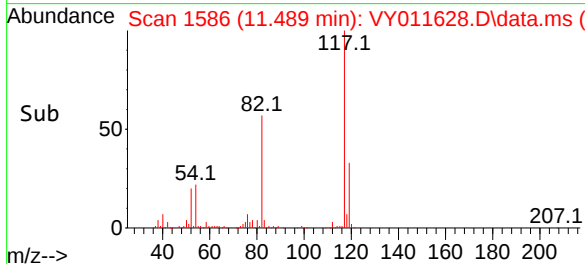
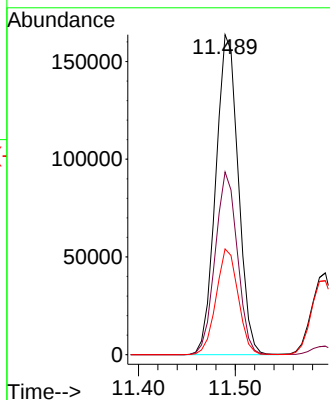
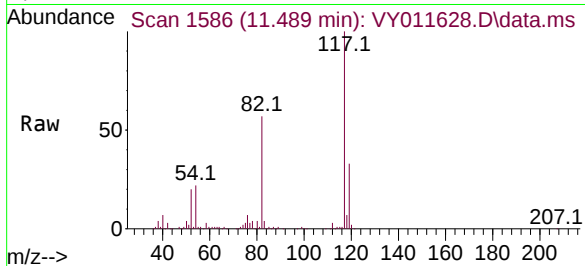




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

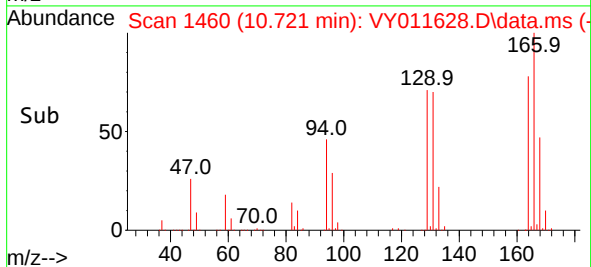
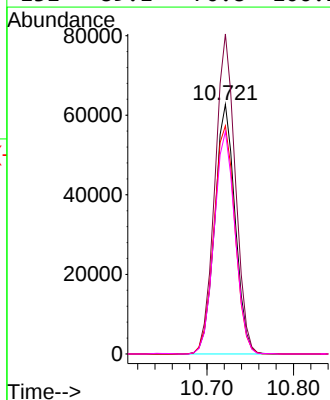
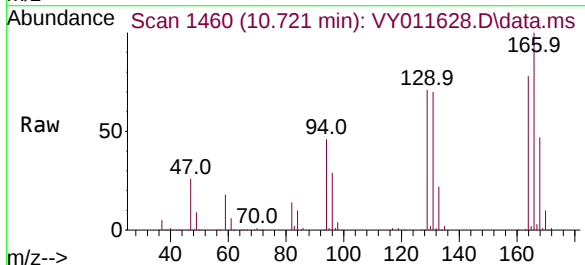
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

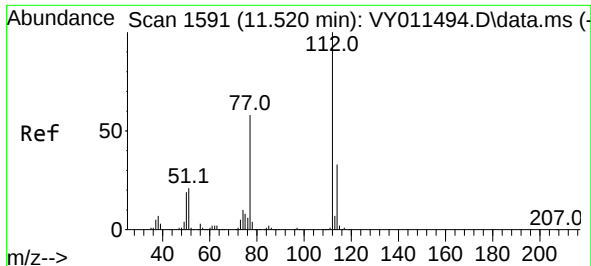
Tgt Ion:117 Resp: 264403
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 33.1 25.4 38.0



#64
Tetrachloroethene
Concen: 46.834 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion:164 Resp: 102043
Ion Ratio Lower Upper
164 100
166 128.2 100.4 150.6
129 91.4 71.4 107.0
131 89.1 70.8 106.2

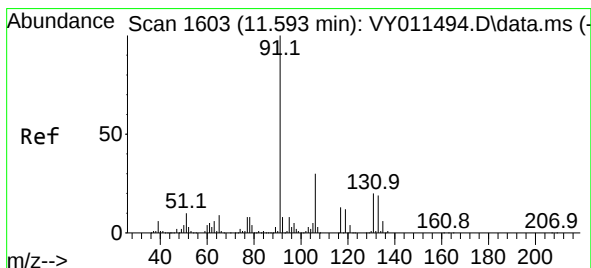
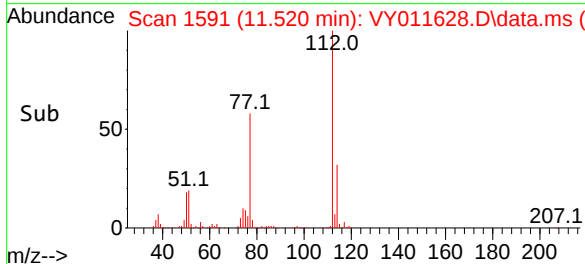
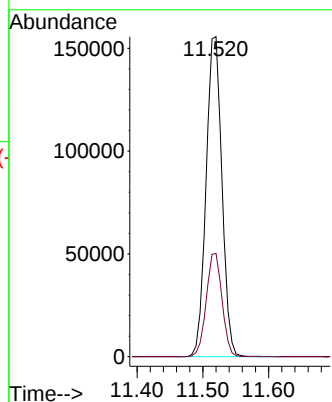
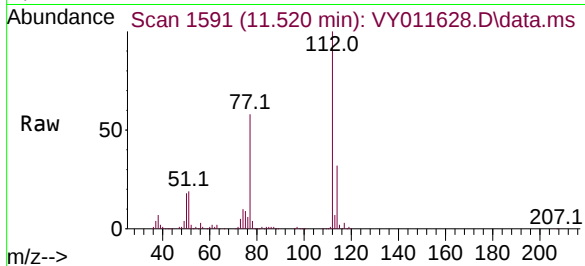




#65
Chlorobenzene
Concen: 47.046 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

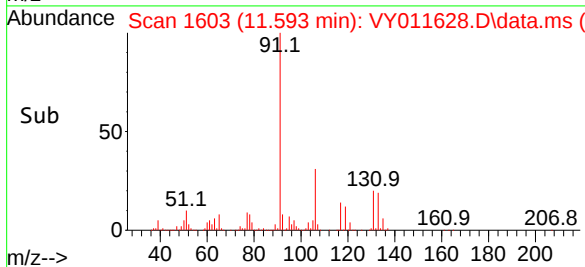
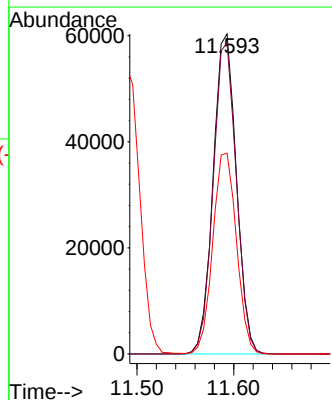
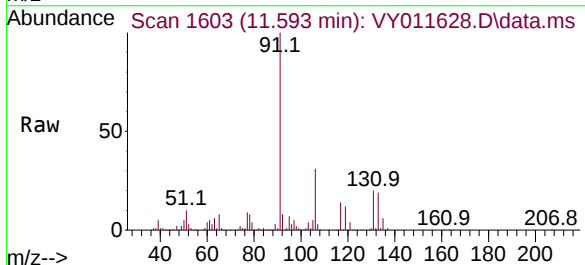
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

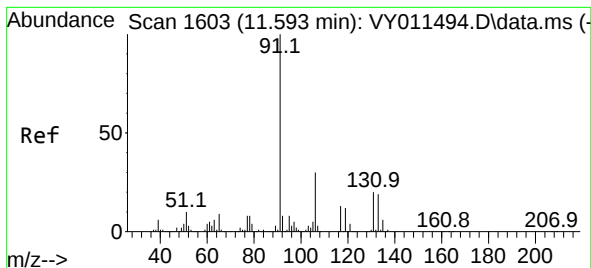
Tgt Ion:112 Resp: 260477
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.016 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion:131 Resp: 100759
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.6
119 63.9 30.8 92.3





#67

Ethyl Benzene

Concen: 47.579 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

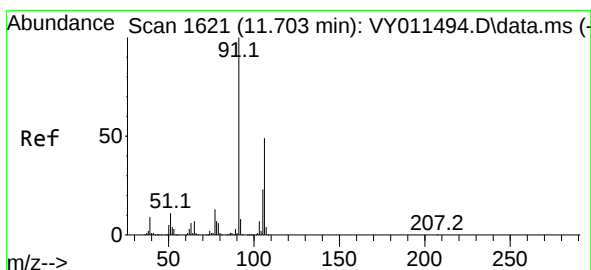
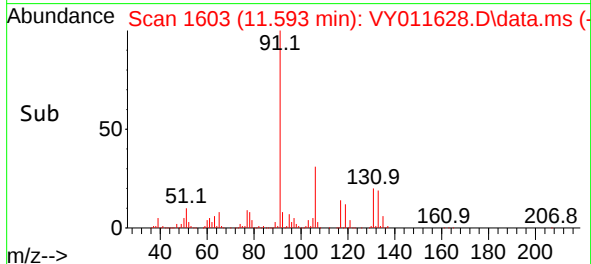
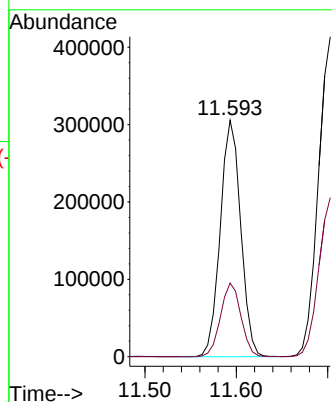
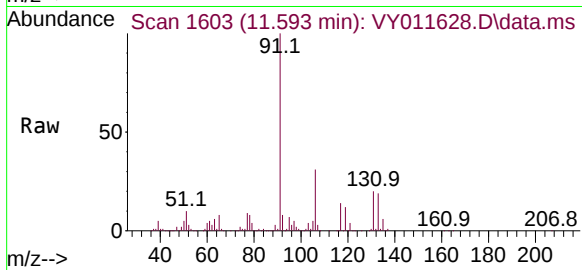
VSTDCCC050EC

Tgt Ion: 91 Resp: 475645

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 95.015 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011628.D

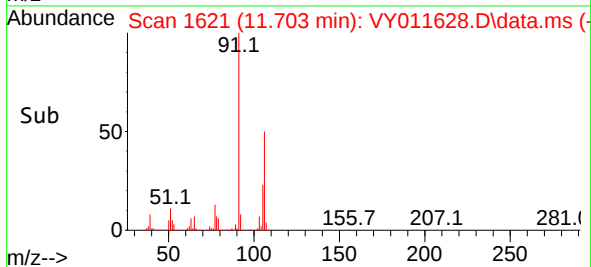
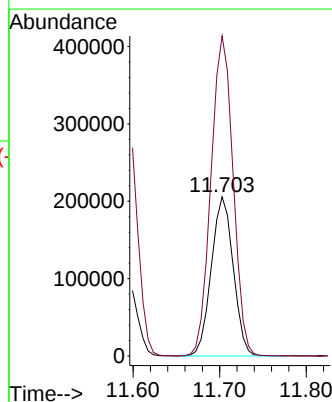
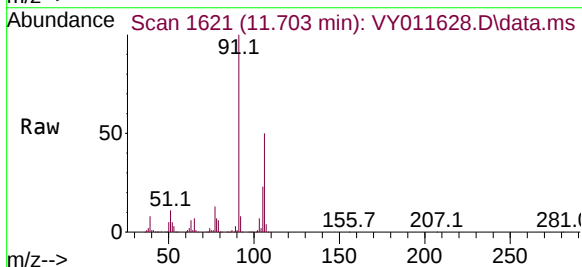
Acq: 29 Nov 2022 17:31

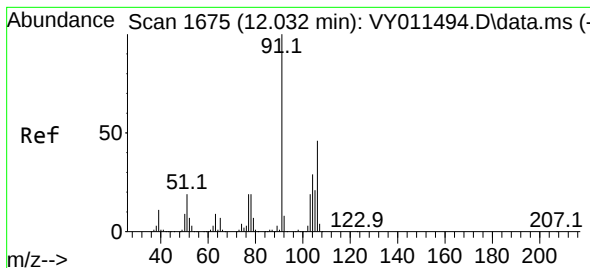
Tgt Ion: 106 Resp: 361580

Ion Ratio Lower Upper

106 100

91 203.2 166.6 249.8

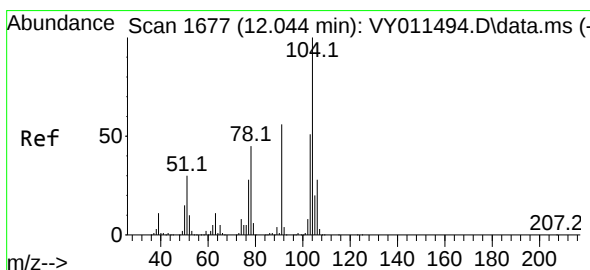
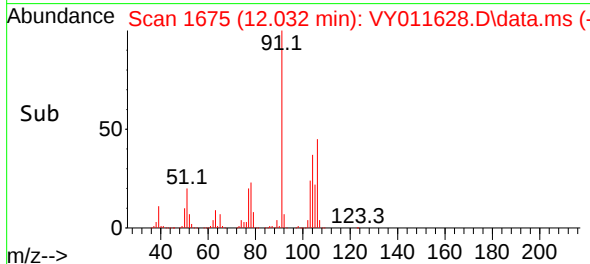
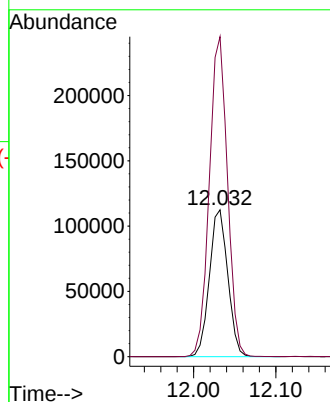
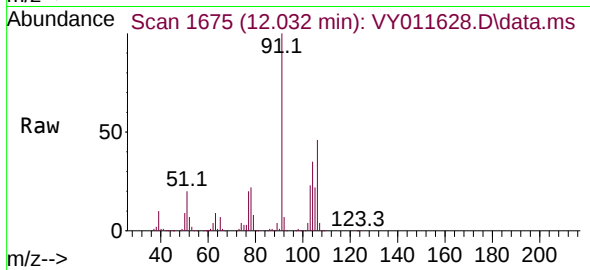




#69
o-Xylene
Concen: 49.306 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

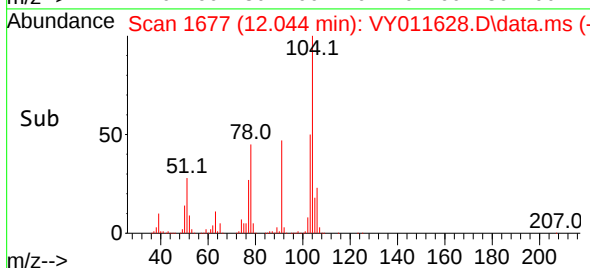
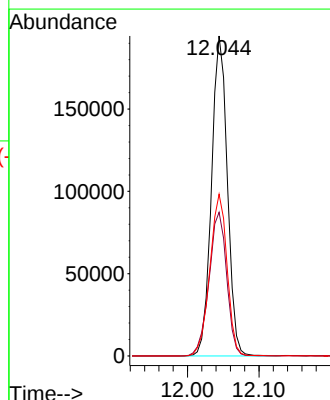
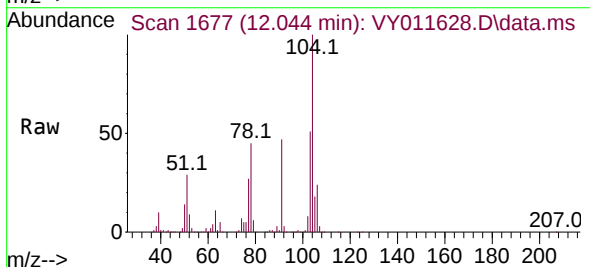
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

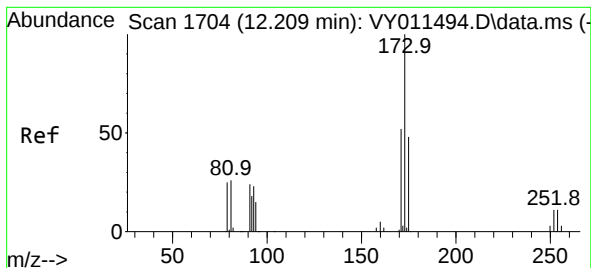
Tgt Ion:106 Resp: 174692
Ion Ratio Lower Upper
106 100
91 215.1 110.3 331.0



#70
Styrene
Concen: 49.516 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion:104 Resp: 299465
Ion Ratio Lower Upper
104 100
78 49.9 42.4 63.6
103 54.9 44.4 66.6





#71

Bromoform

Concen: 50.792 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

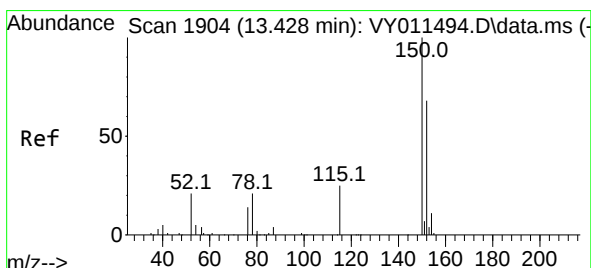
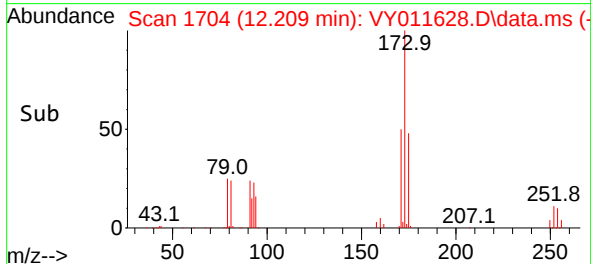
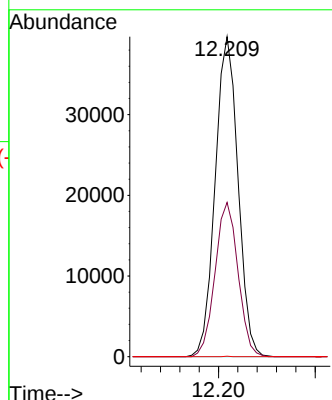
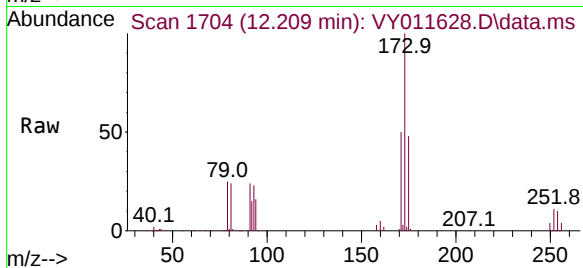
Tgt Ion:173 Resp: 64843

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

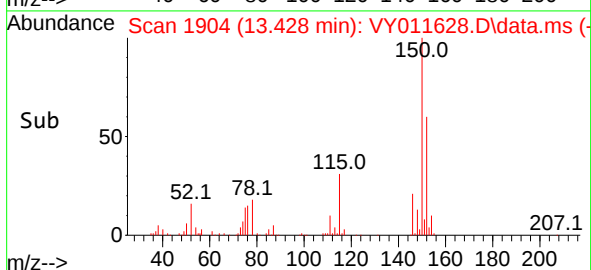
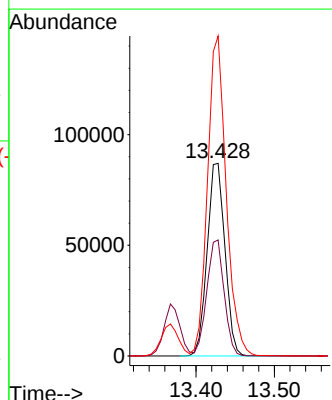
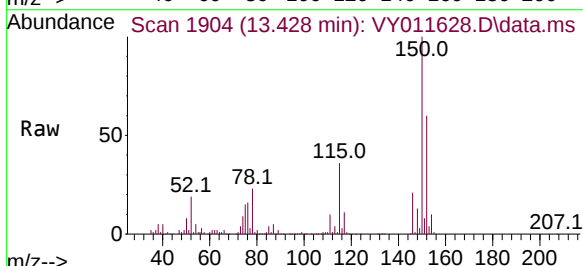
Tgt Ion:152 Resp: 137045

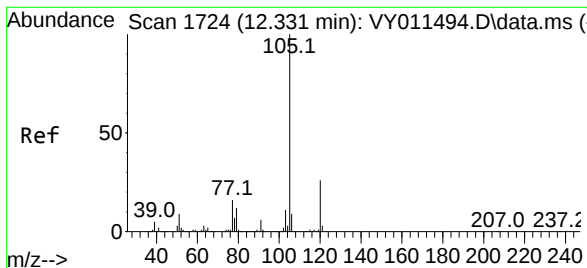
Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 174.6 0.0 347.6





#73

Isopropylbenzene

Concen: 47.545 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

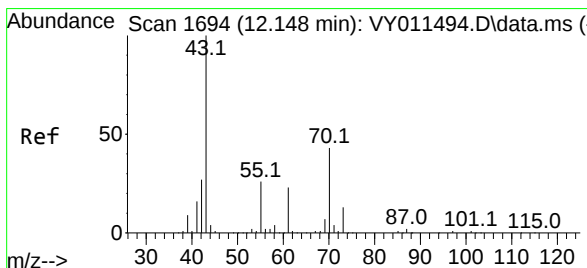
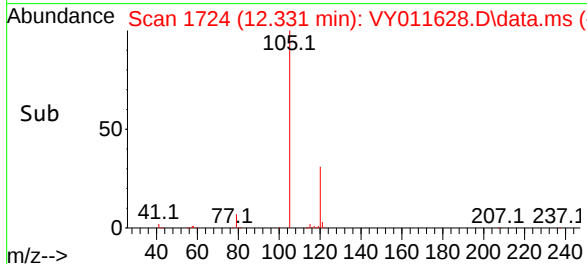
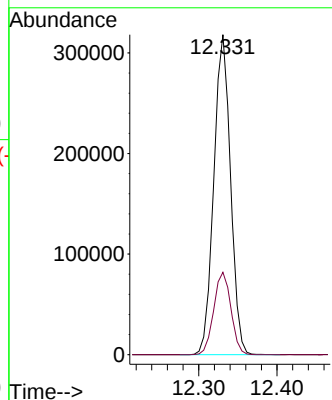
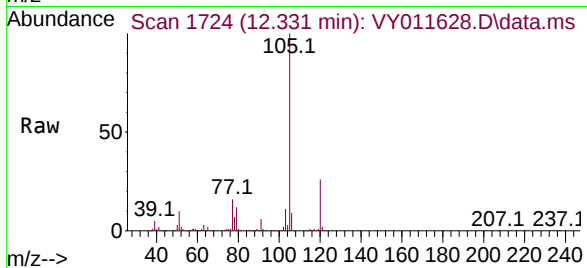
VSTDCCC050EC

Tgt Ion:105 Resp: 471240

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



#74

N-ethyl acetate

Concen: 51.357 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Tgt Ion: 43 Resp: 125701

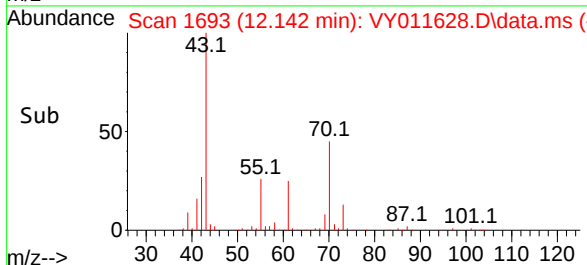
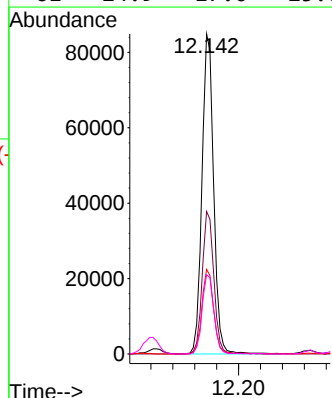
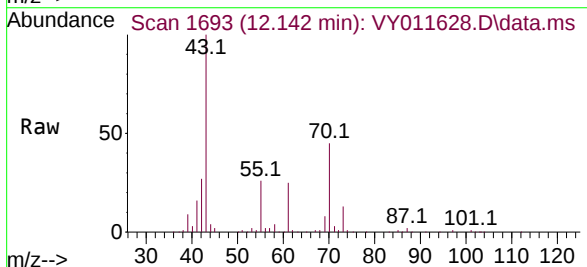
Ion Ratio Lower Upper

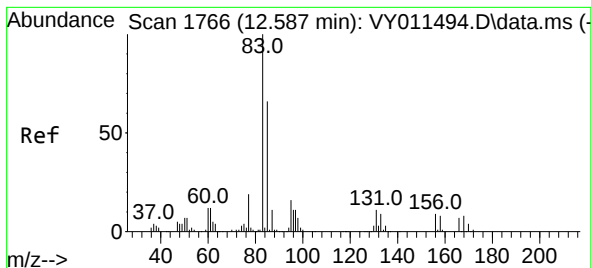
43 100

70 44.2 28.7 43.1#

55 26.8 17.3 25.9#

61 24.9 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.587 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

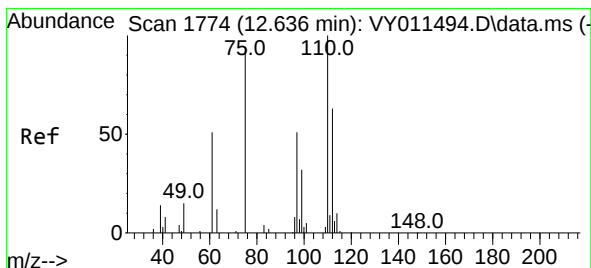
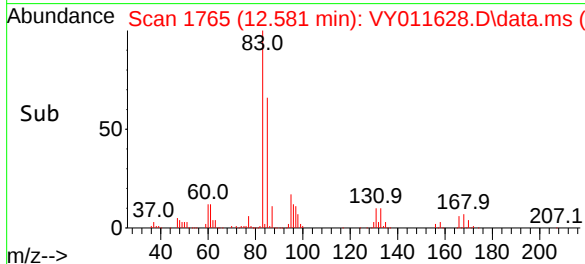
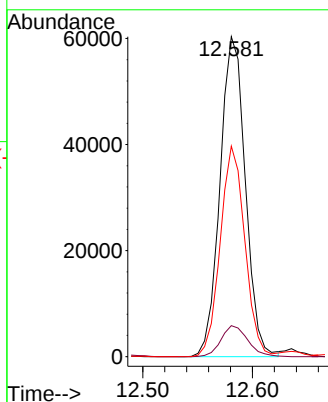
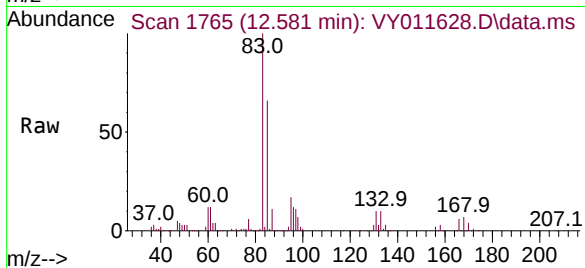
Tgt Ion: 83 Resp: 96846

Ion Ratio Lower Upper

83 100

131 10.2 5.6 16.8

85 63.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 89.879 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY011628.D

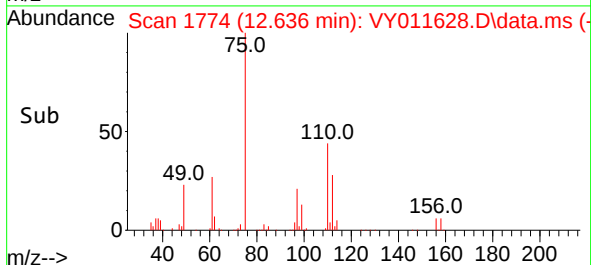
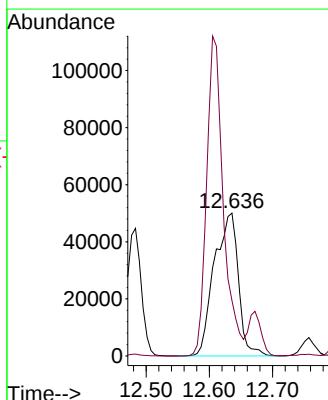
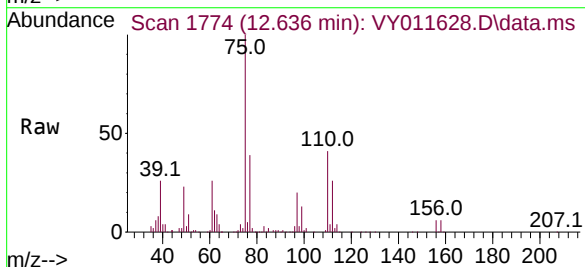
Acq: 29 Nov 2022 17:31

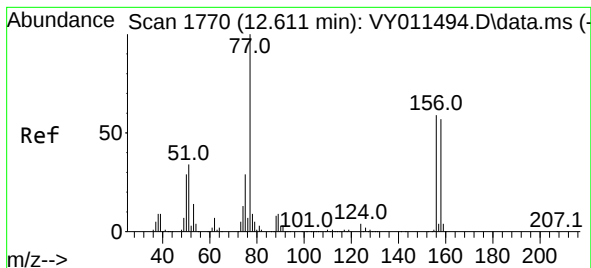
Tgt Ion: 75 Resp: 132651

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.029 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

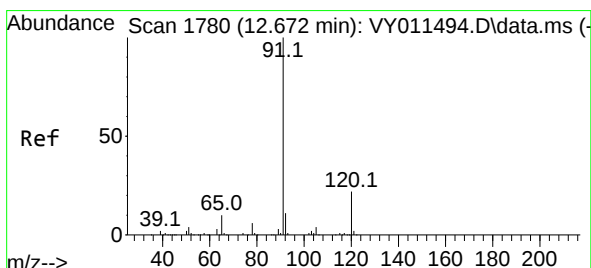
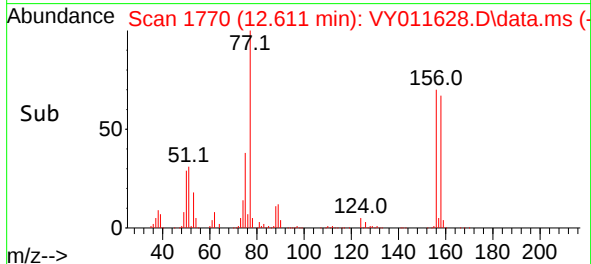
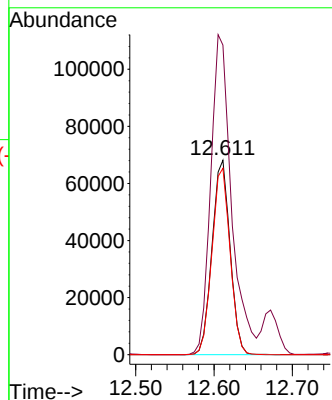
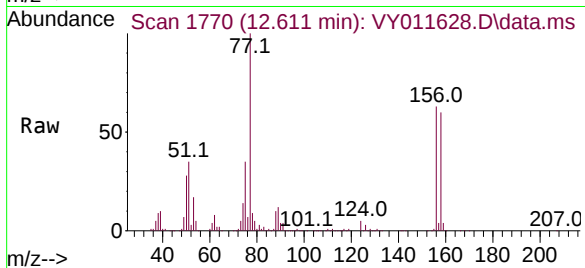
Tgt Ion:156 Resp: 108842

Ion Ratio Lower Upper

156 100

77 189.6 95.5 286.4

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 47.154 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY011628.D

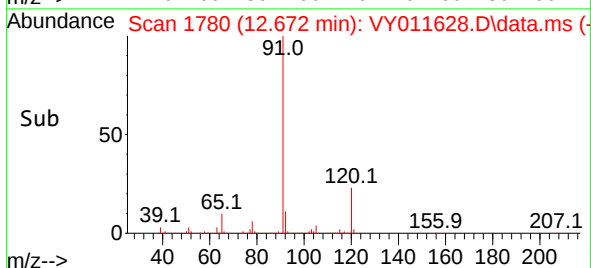
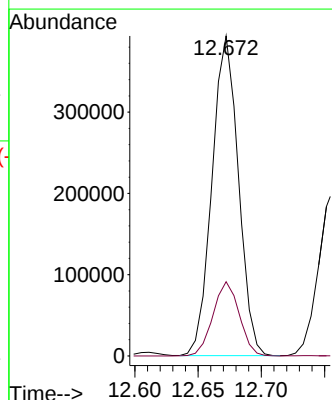
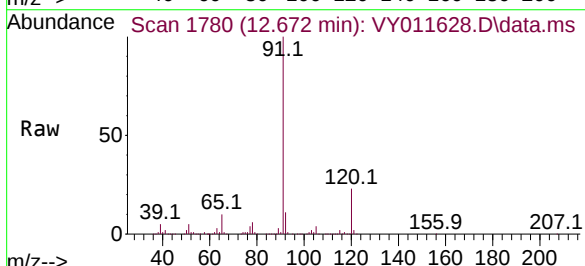
Acq: 29 Nov 2022 17:31

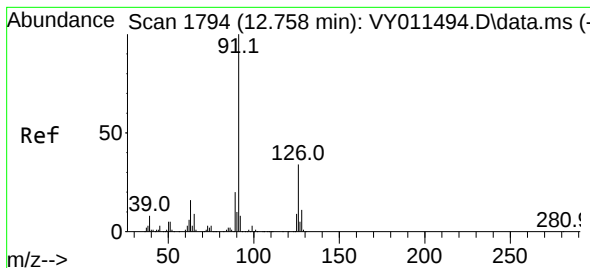
Tgt Ion: 91 Resp: 570178

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.9

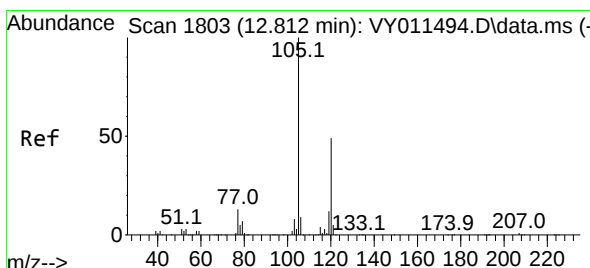
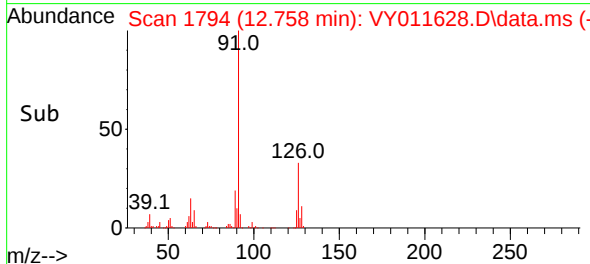
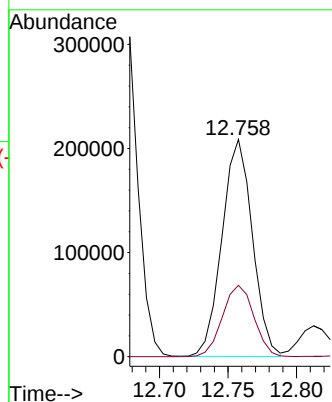
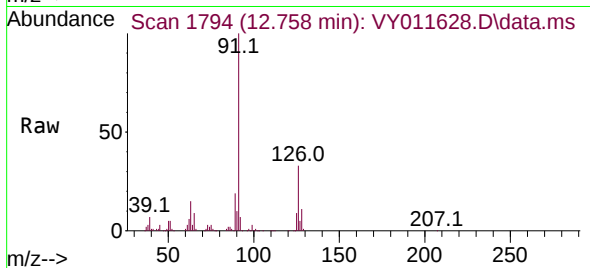




#79
2-Chlorotoluene
Concen: 47.279 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

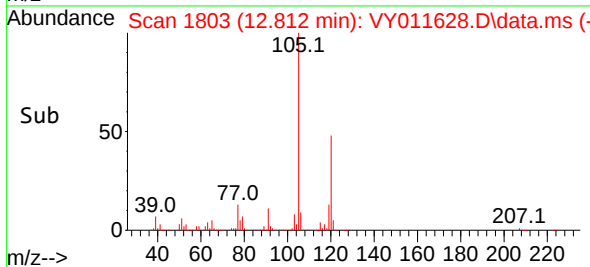
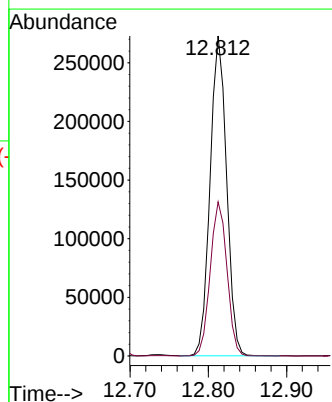
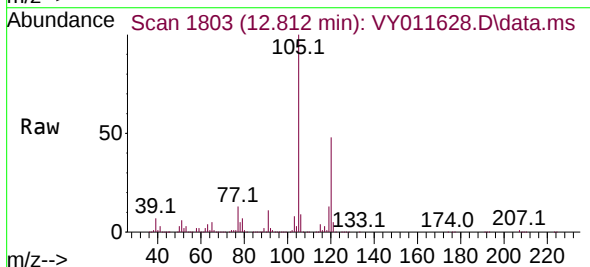
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

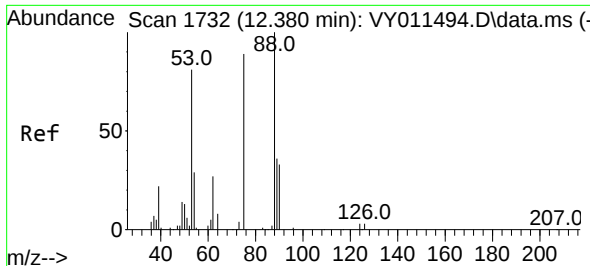
Tgt Ion: 91 Resp: 322223
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 47.702 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 105 Resp: 398546
Ion Ratio Lower Upper
105 100
120 48.7 24.4 73.4

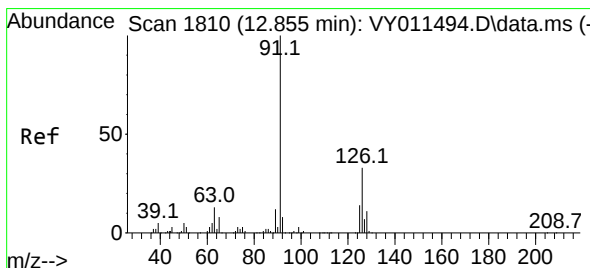
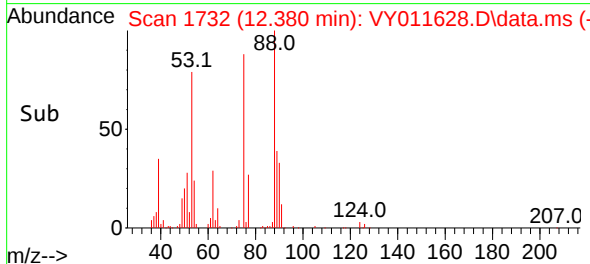
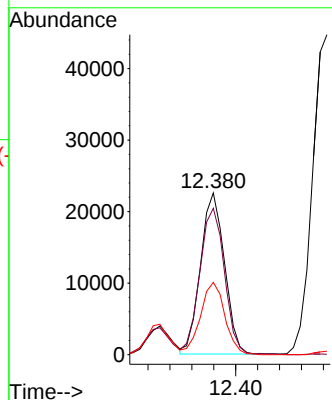
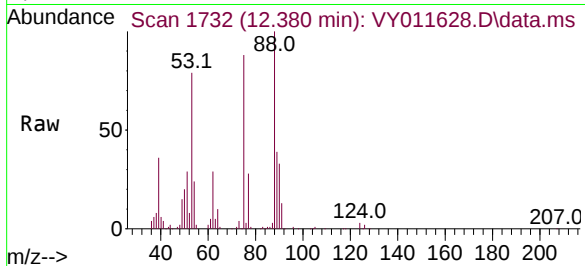




#81
trans-1,4-Dichloro-2-butene
Concen: 50.538 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

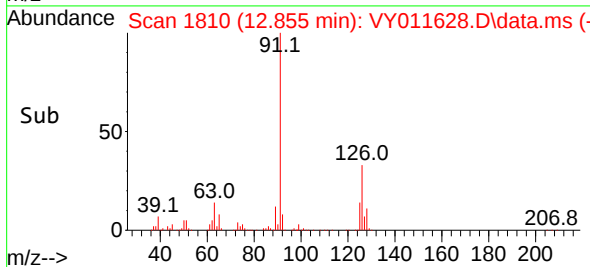
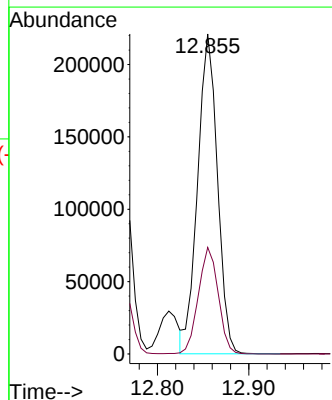
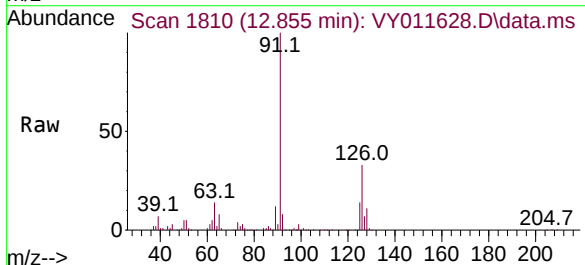
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

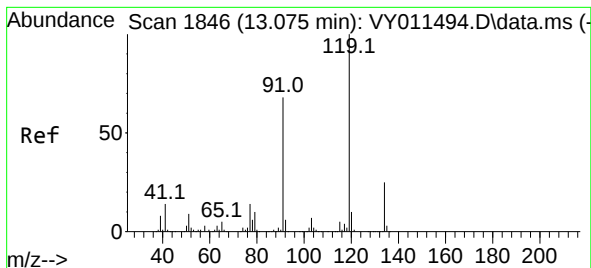
Tgt Ion: 75 Resp: 34053
Ion Ratio Lower Upper
75 100
53 94.7 85.3 127.9
89 45.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.757 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 91 Resp: 333203
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 47.551 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

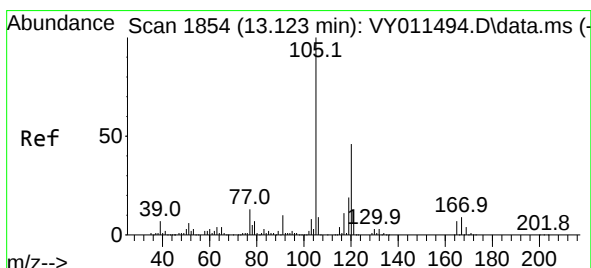
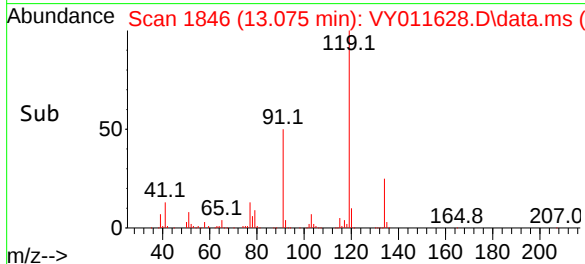
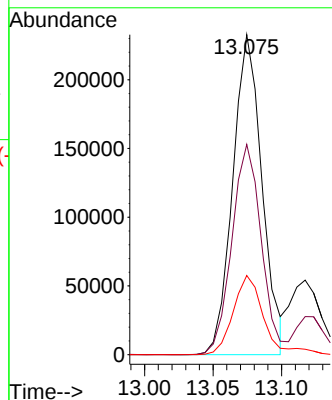
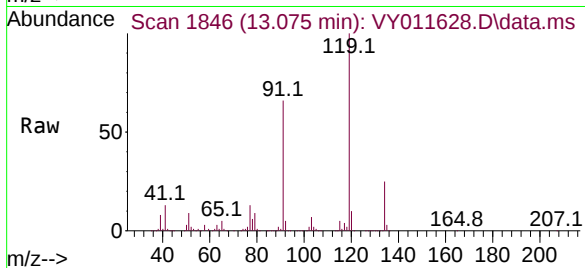
Tgt Ion:119 Resp: 346042

Ion Ratio Lower Upper

119 100

91 66.5 34.8 104.4

134 25.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 47.825 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY011628.D

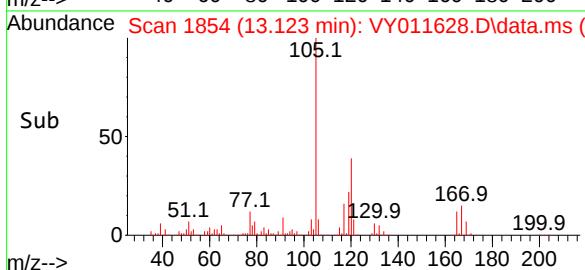
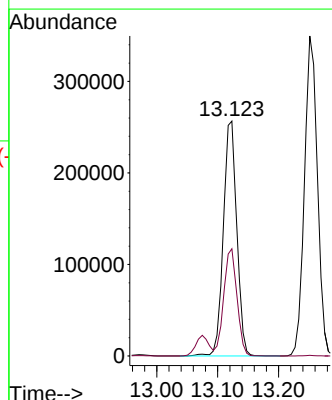
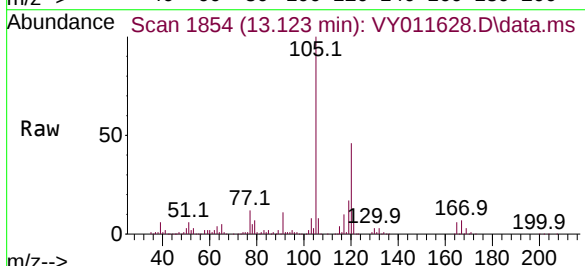
Acq: 29 Nov 2022 17:31

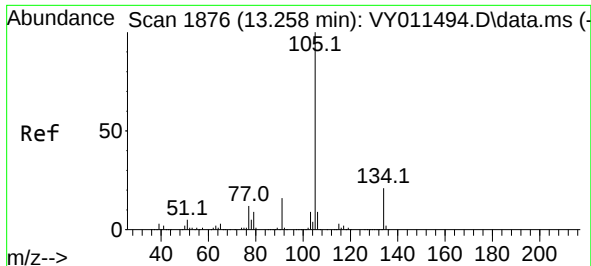
Tgt Ion:105 Resp: 394643

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.9

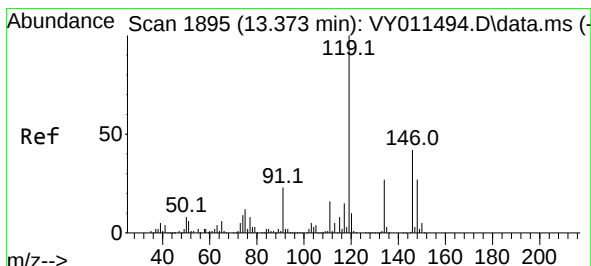
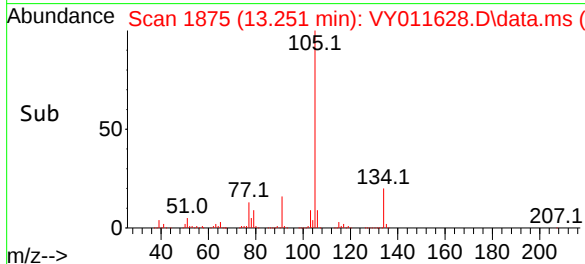
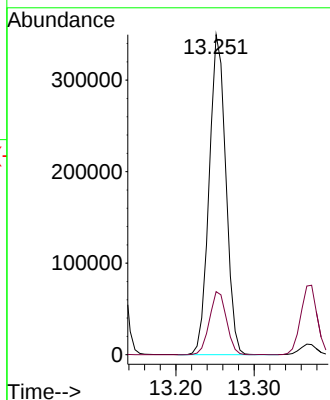
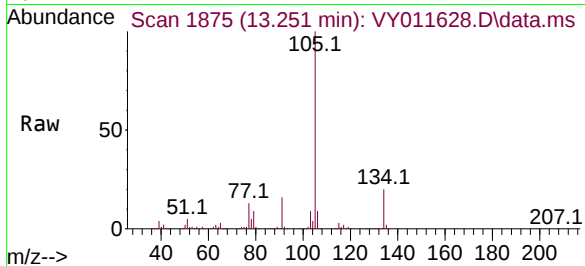




#85
 sec-Butylbenzene
 Concen: 47.498 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.007 min
 Lab File: VY011628.D
 Acq: 29 Nov 2022 17:31

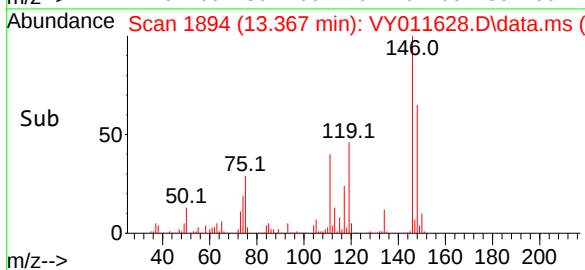
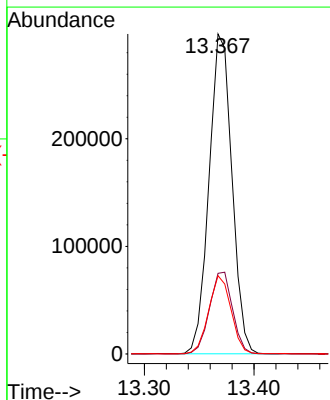
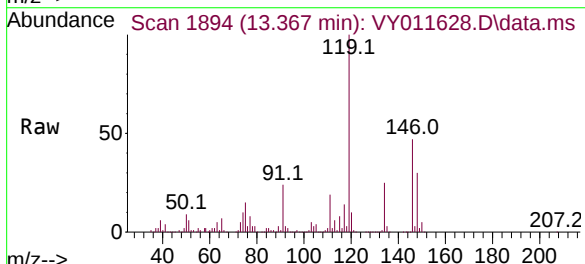
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

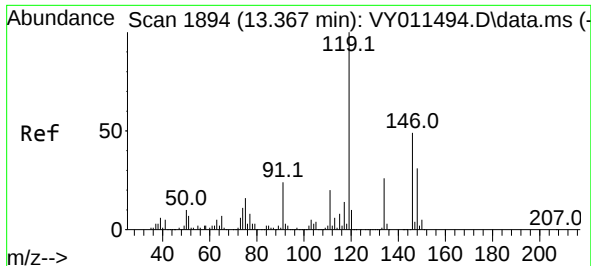
Tgt Ion:105 Resp: 515738
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 47.648 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY011628.D
 Acq: 29 Nov 2022 17:31

Tgt Ion:119 Resp: 431785
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 23.8 12.4 37.2

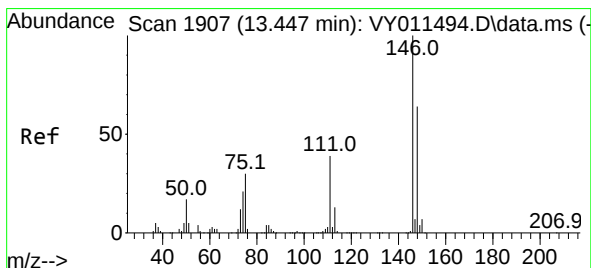
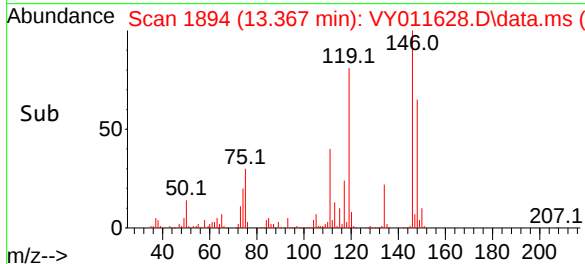
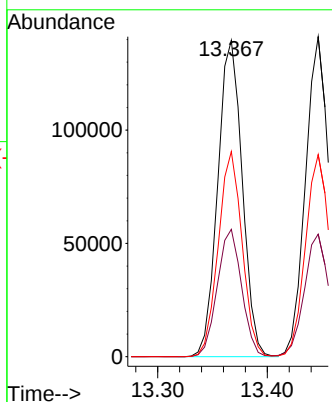
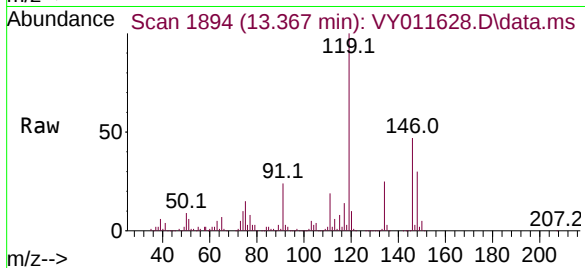




#87
1,3-Dichlorobenzene
Concen: 45.970 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

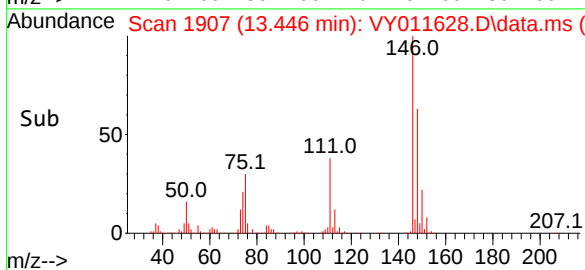
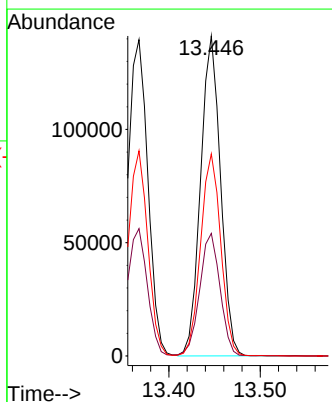
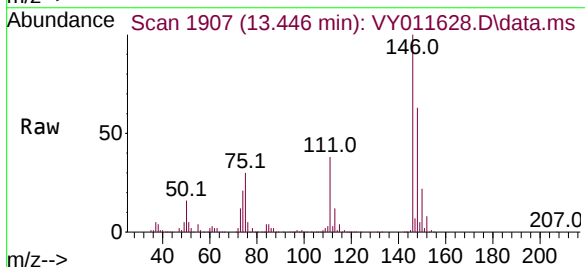
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

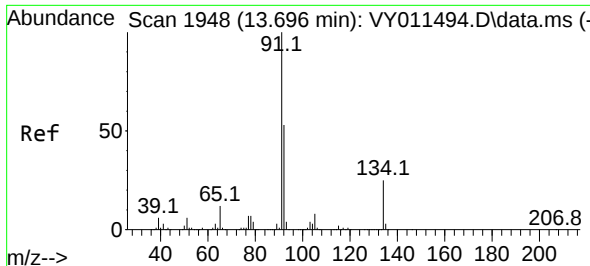
Tgt Ion:146 Resp: 216572
Ion Ratio Lower Upper
146 100
111 39.9 19.5 58.5
148 63.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 45.328 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion:146 Resp: 213532
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.8
148 64.1 32.6 97.8





#89

n-Butylbenzene

Concen: 48.075 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

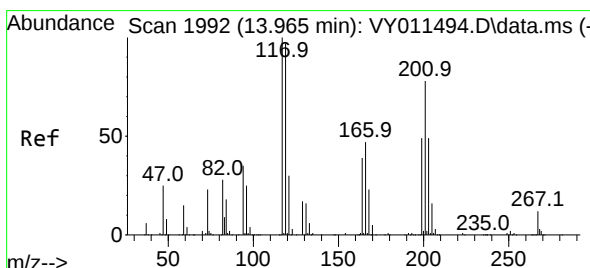
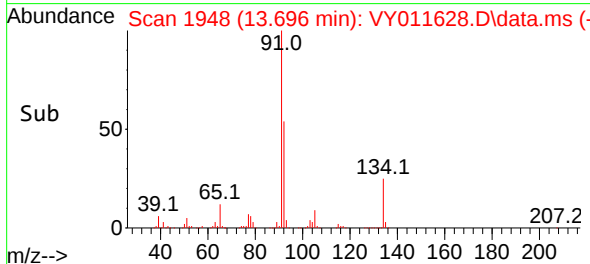
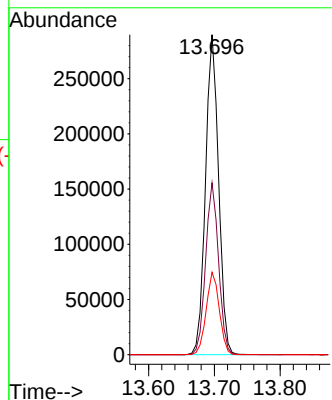
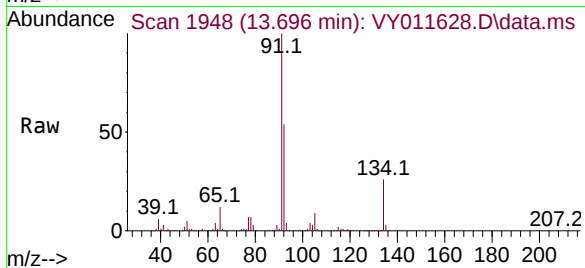
Tgt Ion: 91 Resp: 400479

Ion Ratio Lower Upper

91 100

92 53.3 26.3 78.9

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 45.261 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY011628.D

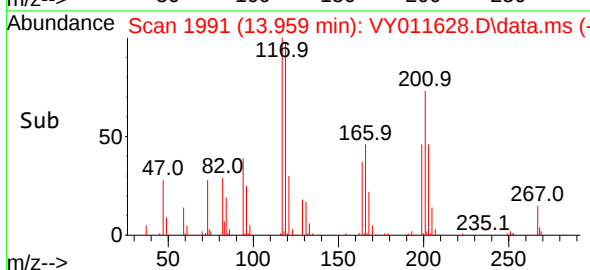
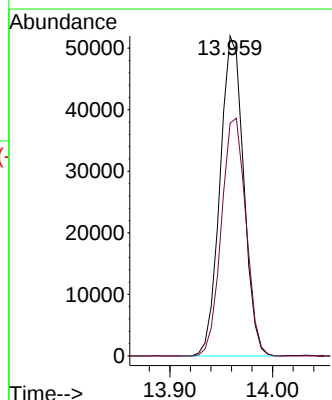
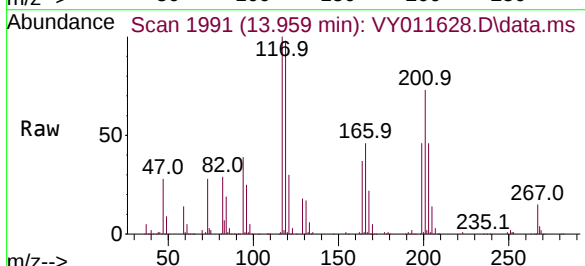
Acq: 29 Nov 2022 17:31

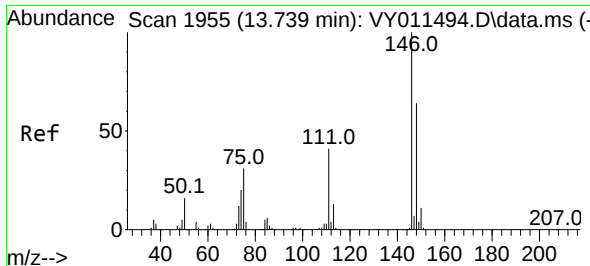
Tgt Ion: 117 Resp: 82824

Ion Ratio Lower Upper

117 100

201 77.3 43.0 128.8

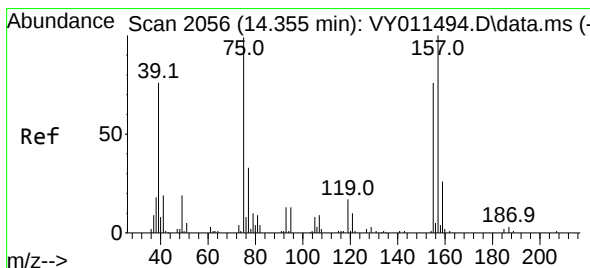
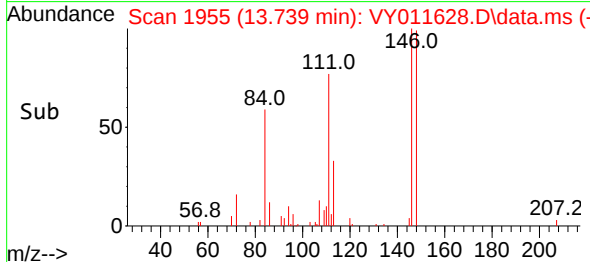
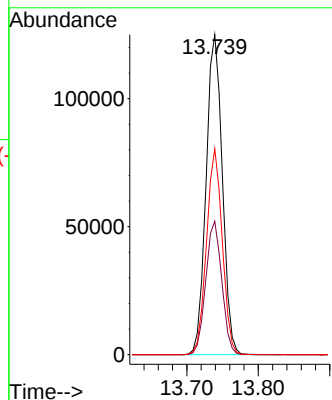
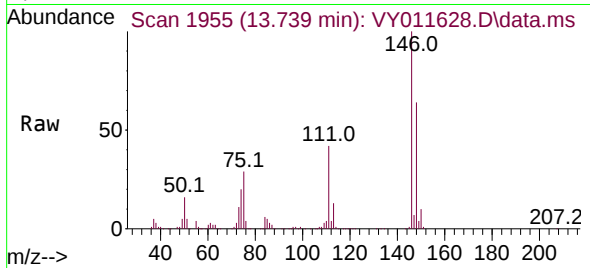




#91
1,2-Dichlorobenzene
Concen: 47.167 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

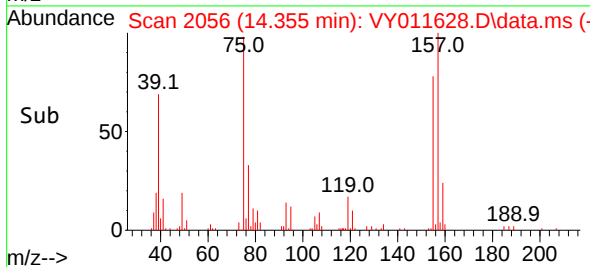
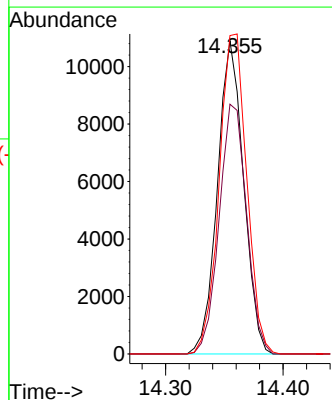
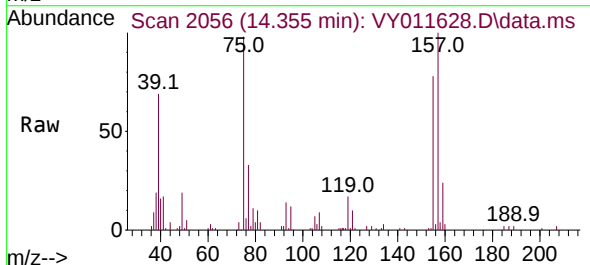
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

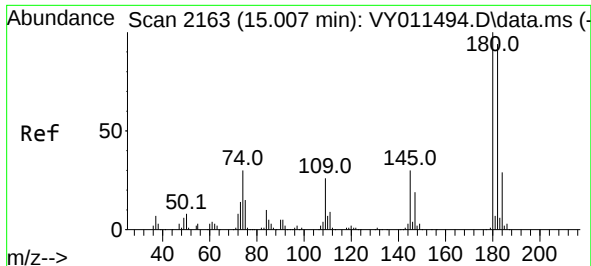
Tgt Ion:146 Resp: 196977
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.9
148 62.5 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.554 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 75 Resp: 16833
Ion Ratio Lower Upper
75 100
155 83.6 38.0 113.9
157 107.6 47.8 143.3

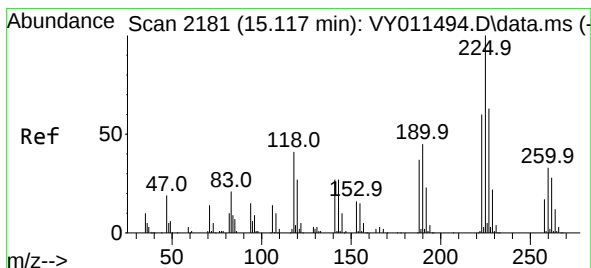
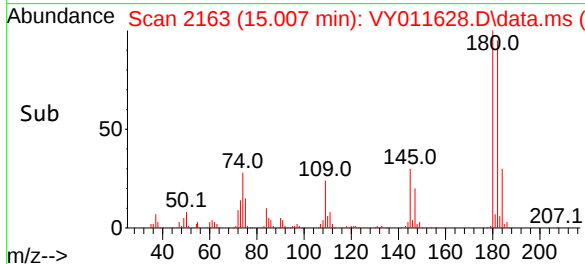
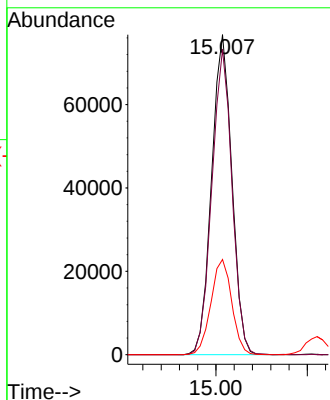
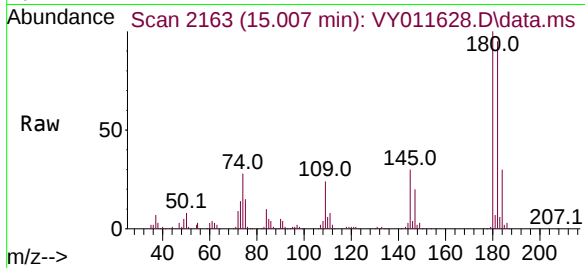




#93
1,2,4-Trichlorobenzene
Concen: 50.954 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

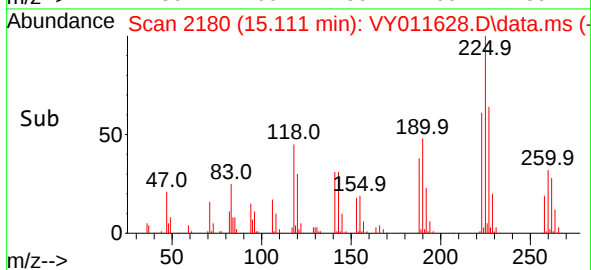
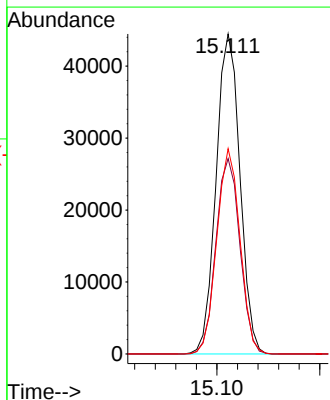
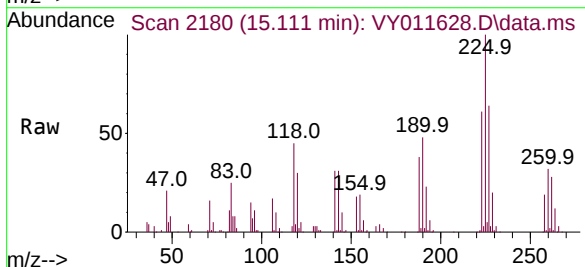
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

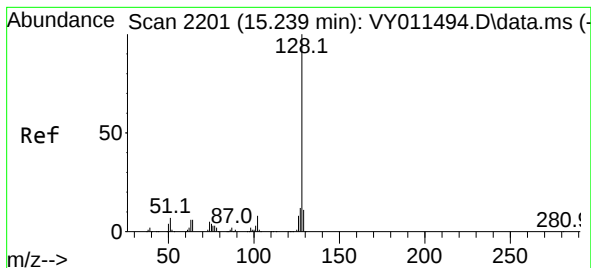
Tgt Ion:180 Resp: 118027
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 30.6 14.6 43.8



#94
Hexachlorobutadiene
Concen: 49.663 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY011628.D
Acq: 29 Nov 2022 17:31

Tgt Ion:225 Resp: 71508
Ion Ratio Lower Upper
225 100
223 61.4 30.8 92.3
227 62.5 31.6 94.7





#95

Naphthalene

Concen: 51.216 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

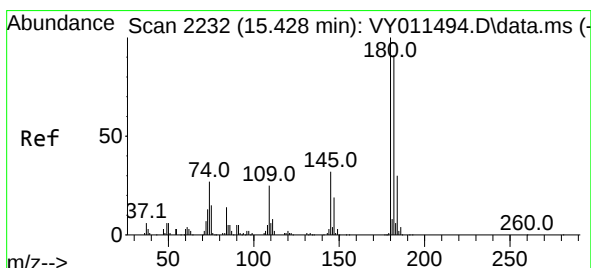
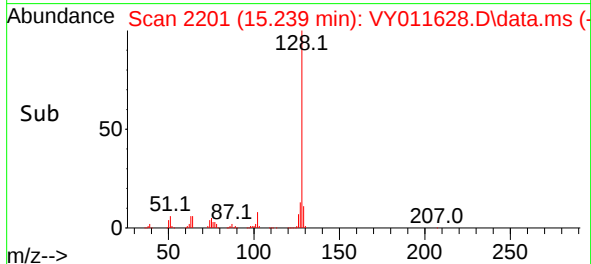
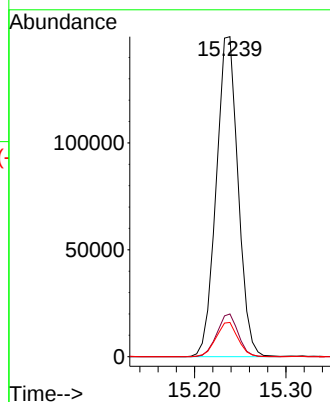
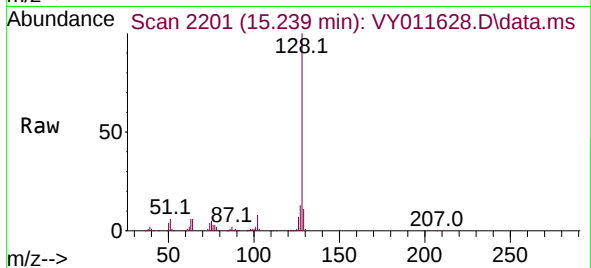
Tgt Ion:128 Resp: 249218

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.737 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY011628.D

Acq: 29 Nov 2022 17:31

Tgt Ion:180 Resp: 102703

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 32.3 15.3 45.9

