

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011757.D
 Acq On : 09 Dec 2022 20:47
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 10 03:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	216518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76405	51.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.780%	
35) Dibromofluoromethane	7.716	113	76526	49.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.920%	
50) Toluene-d8	10.179	98	242564	48.043	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.080%	
62) 4-Bromofluorobenzene	12.483	95	100767	50.457	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.920%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	44550	45.860	ug/l	99
3) Chloromethane	2.113	50	57261	49.408	ug/l	99
4) Vinyl Chloride	2.253	62	68504	49.476	ug/l	98
5) Bromomethane	2.650	94	48690	52.601	ug/l	98
6) Chloroethane	2.796	64	49215	45.838	ug/l	99
7) Trichlorofluoromethane	3.125	101	134975	45.349	ug/l	99
8) Diethyl Ether	3.528	74	51597	49.492	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.900	101	83030	46.731	ug/l	99
10) Methyl Iodide	4.095	142	97469	46.854	ug/l	98
11) Tert butyl alcohol	4.948	59	59159	336.281	ug/l	99
12) 1,1-Dichloroethene	3.875	96	74776	46.666	ug/l	94
13) Acrolein	3.729	56	79823	261.521	ug/l	97
14) Allyl chloride	4.479	41	129988	48.837	ug/l	99
15) Acrylonitrile	5.161	53	158093	282.524	ug/l	100
16) Acetone	3.942	43	128977	218.157	ug/l	97
17) Carbon Disulfide	4.192	76	167434	45.755	ug/l	100
18) Methyl Acetate	4.479	43	75697	53.906	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	268142	53.445	ug/l	99
20) Methylene Chloride	4.716	84	109610	52.358	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	87202	48.419	ug/l	98
22) Diisopropyl ether	6.119	45	308872	53.187	ug/l	98
23) Vinyl Acetate	6.058	43	969498	292.635	ug/l	100
24) 1,1-Dichloroethane	6.021	63	175345	49.688	ug/l	100
25) 2-Butanone	6.984	43	199940	262.914	ug/l	99
26) 2,2-Dichloropropane	6.978	77	153260	46.161	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	111242	50.538	ug/l	99
28) Bromochloromethane	7.332	49	66288	51.596	ug/l	100
29) Tetrahydrofuran	7.344	42	127052	293.529	ug/l	99
30) Chloroform	7.509	83	192766	51.095	ug/l	99
31) Cyclohexane	7.783	56	126336	50.106	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	166330	49.436	ug/l	100
36) 1,1-Dichloropropene	7.917	75	125051	47.801	ug/l	99
37) Ethyl Acetate	7.070	43	85542	55.930	ug/l	99
38) Carbon Tetrachloride	7.899	117	147785	48.092	ug/l	98
39) Methylcyclohexane	9.185	83	138064	46.904	ug/l	100
40) Benzene	8.161	78	381002	48.751	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	118785	153.849	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	124081	51.342	ug/l	99
43) Isopropyl Acetate	8.271	43	152052	54.827	ug/l	99
44) Trichloroethene	8.941	130	103914	47.475	ug/l	100
45) 1,2-Dichloropropane	9.216	63	101653	50.255	ug/l	99
46) Dibromomethane	9.307	93	58530	51.692	ug/l	99
47) Bromodichloromethane	9.496	83	152182	52.025	ug/l	96
48) Methyl methacrylate	9.295	41	68841	56.313	ug/l	100
49) 1,4-Dioxane	9.301	88	17835	1137.006	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	447802	293.040	ug/l	99
52) Toluene	10.246	92	248442	50.004	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	149392	51.129	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	163832	49.906	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	87844	52.490	ug/l	97
56) Ethyl methacrylate	10.508	69	120998	56.008	ug/l	99
57) 1,3-Dichloropropane	10.789	76	147959	53.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	276161	275.676	ug/l	100
59) 2-Hexanone	10.831	43	309327	283.311	ug/l	100
60) Dibromochloromethane	10.984	129	109581	52.279	ug/l	100
61) 1,2-Dibromoethane	11.087	107	80850	53.327	ug/l	100
64) Tetrachloroethene	10.721	164	107480	47.943	ug/l	97
65) Chlorobenzene	11.514	112	274642	48.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	110938	50.088	ug/l	99
67) Ethyl Benzene	11.593	91	487749	48.485	ug/l	100
68) m/p-Xylenes	11.703	106	374041	97.089	ug/l	100
69) o-Xylene	12.026	106	180152	49.059	ug/l	99
70) Styrene	12.044	104	316112	50.437	ug/l	100
71) Bromoform	12.209	173	71115	52.055	ug/l #	98
73) Isopropylbenzene	12.331	105	496832	49.758	ug/l	100
74) N-amyl acetate	12.142	43	129368	53.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	102276	52.595	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	138200	88.634	ug/l #	100
77) Bromobenzene	12.605	156	115941	49.731	ug/l	97
78) n-propylbenzene	12.672	91	583638	48.775	ug/l	99
79) 2-Chlorotoluene	12.758	91	332195	48.644	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	417341	49.449	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	35700	51.956	ug/l	99
82) 4-Chlorotoluene	12.855	91	343617	48.511	ug/l	99
83) tert-Butylbenzene	13.075	119	368002	50.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	416564	50.129	ug/l	99
85) sec-Butylbenzene	13.251	105	535864	48.962	ug/l	99
86) p-Isopropyltoluene	13.367	119	448090	49.192	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	228337	48.669	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	224510	48.148	ug/l	100
89) n-Butylbenzene	13.697	91	401408	48.475	ug/l	99
90) Hexachloroethane	13.959	117	88456	48.869	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	208391	49.359	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18151	53.538	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	120005	48.735	ug/l	98
94) Hexachlorobutadiene	15.111	225	73062	46.699	ug/l	99
95) Naphthalene	15.233	128	262570	55.055	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	108407	50.968	ug/l	100

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VSTDCCC050EC

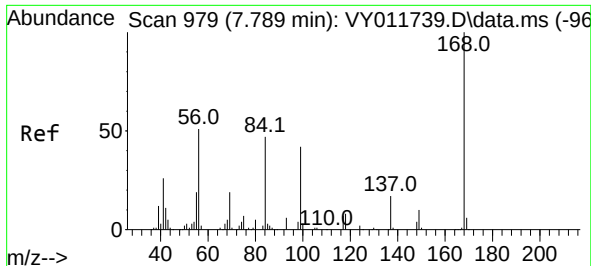
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QLast Update : Sat Dec 10 03:30:20 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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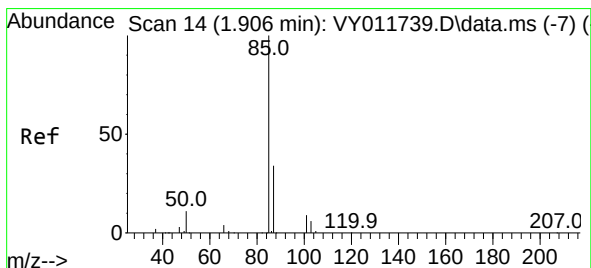
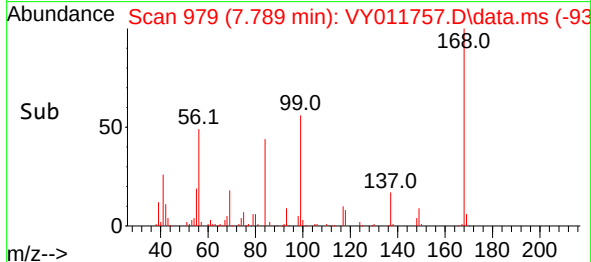
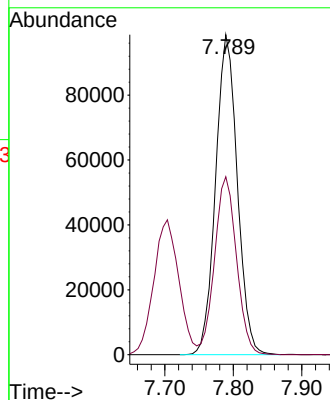
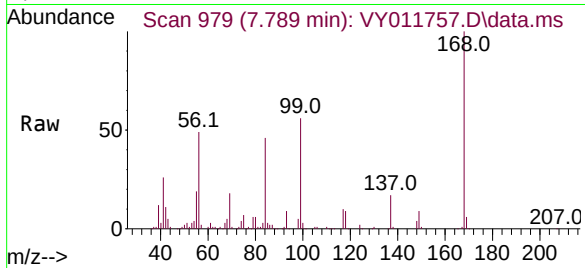




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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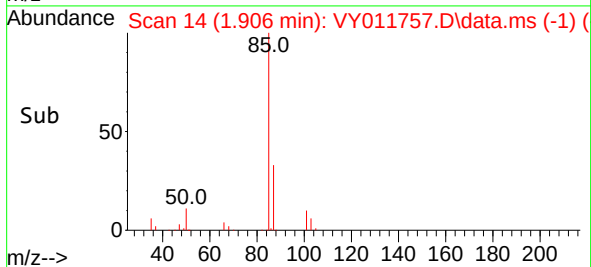
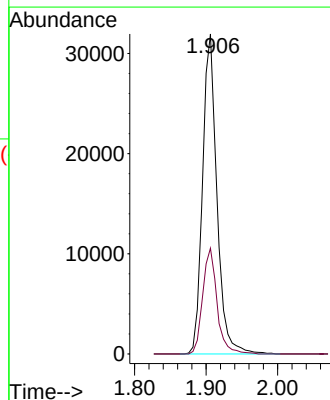
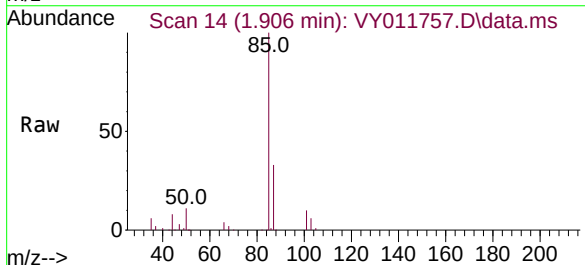
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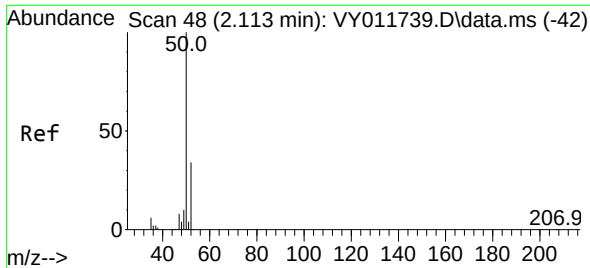
Tgt Ion:168 Resp: 216518
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 45.860 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 85 Resp: 44550
Ion Ratio Lower Upper
85 100
87 33.1 16.8 50.4

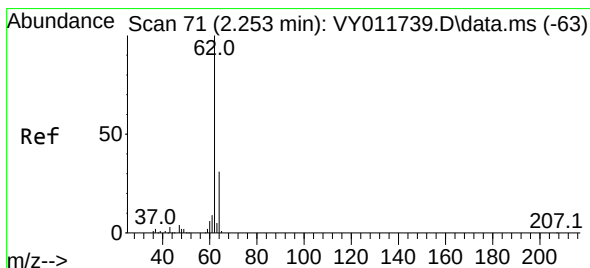
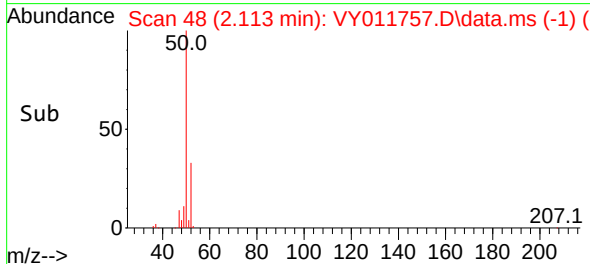
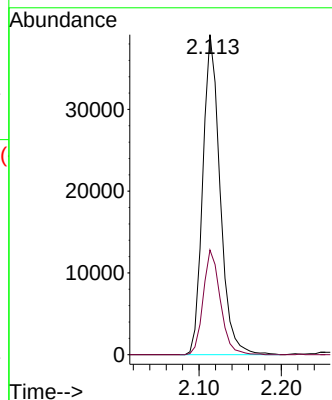
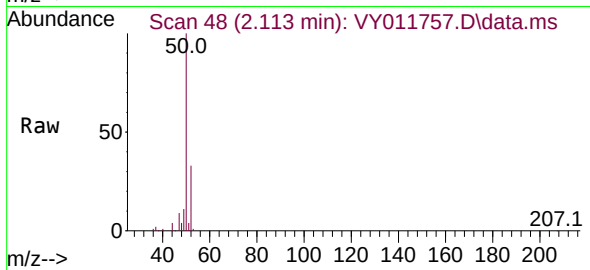




#3
Chloromethane
Concen: 49.408 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

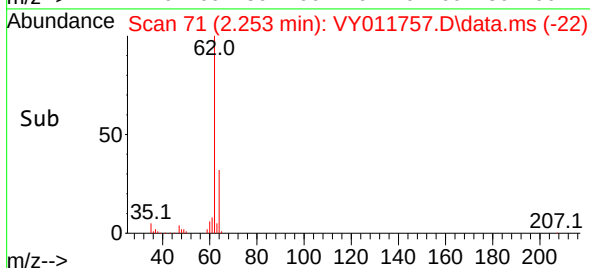
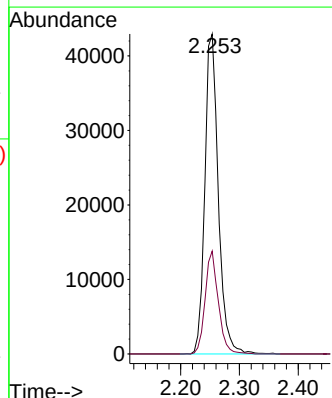
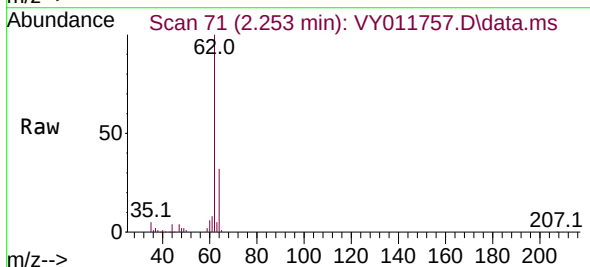
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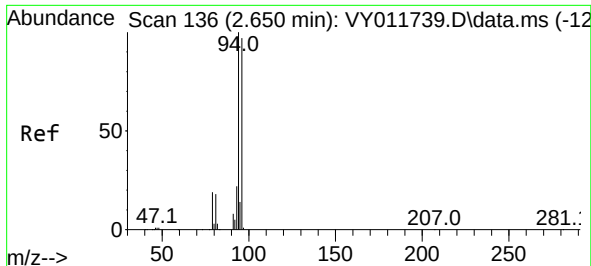
Tgt Ion: 50 Resp: 57261
Ion Ratio Lower Upper
50 100
52 32.7 26.8 40.2



#4
Vinyl Chloride
Concen: 49.476 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 62 Resp: 68504
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

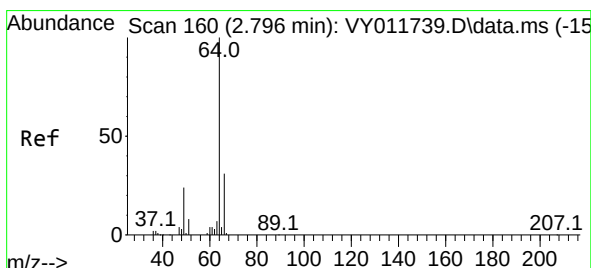
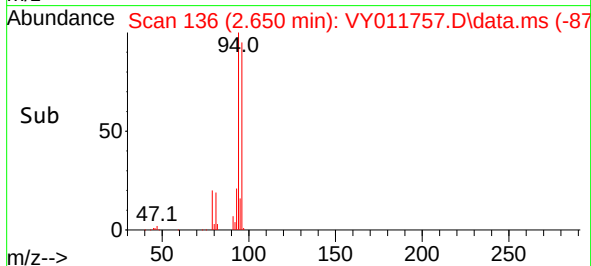
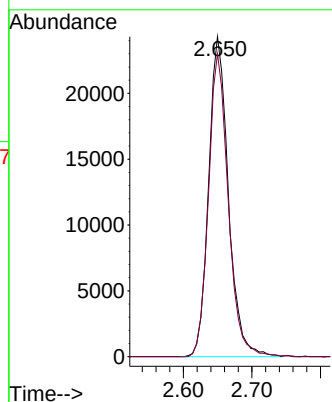
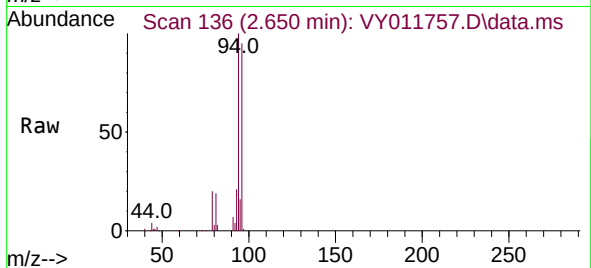




#5
Bromomethane
Concen: 52.601 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

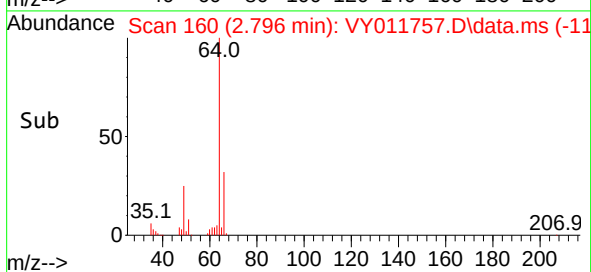
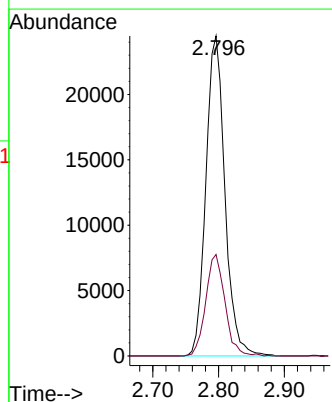
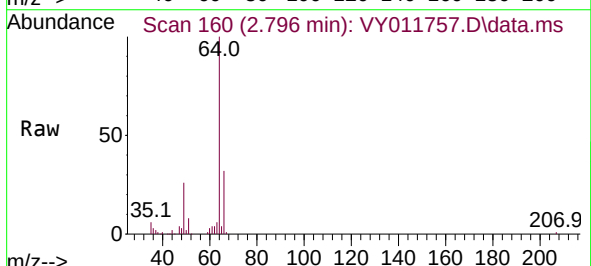
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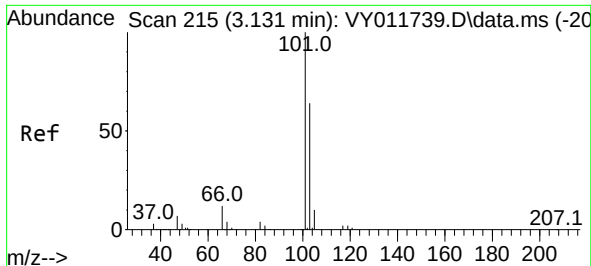
Tgt Ion: 94 Resp: 48690
Ion Ratio Lower Upper
94 100
96 94.7 77.4 116.2



#6
Chloroethane
Concen: 45.838 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 64 Resp: 49215
Ion Ratio Lower Upper
64 100
66 31.7 25.0 37.4

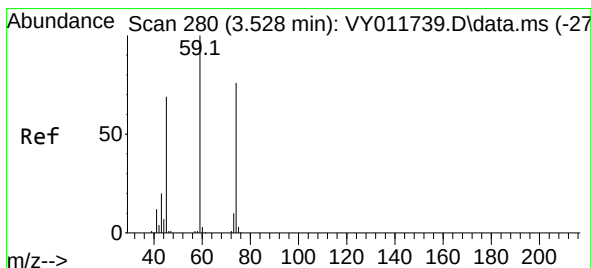
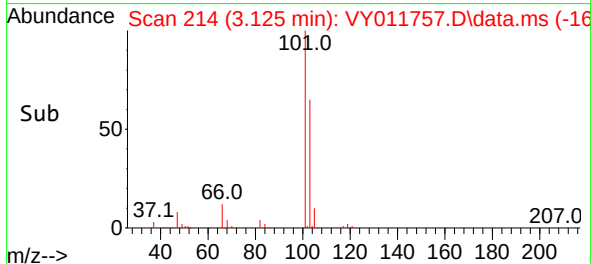
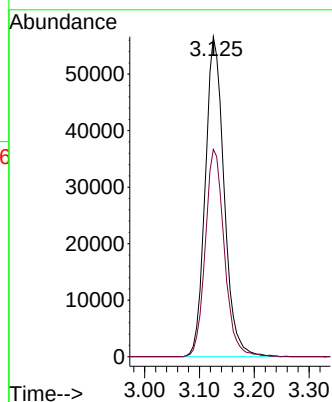
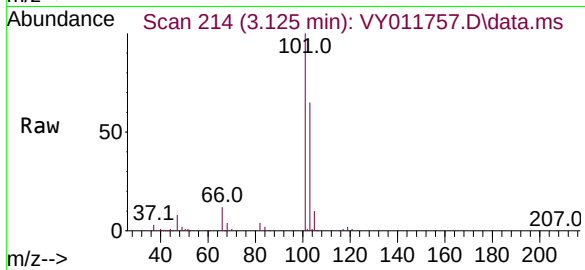




#7
Trichlorofluoromethane
Concen: 45.349 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY011757.D
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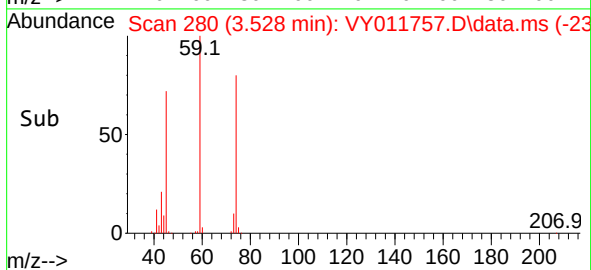
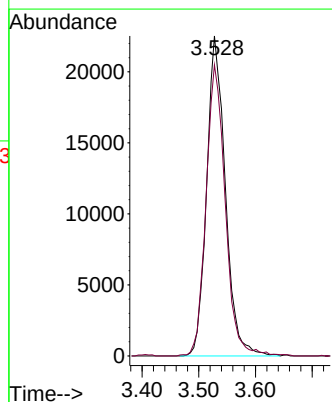
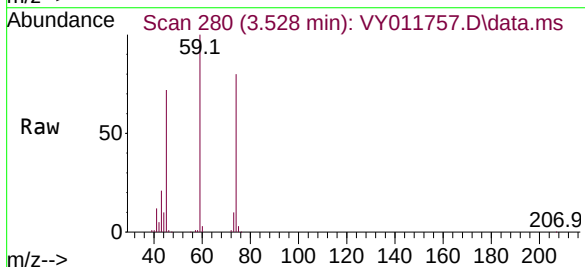
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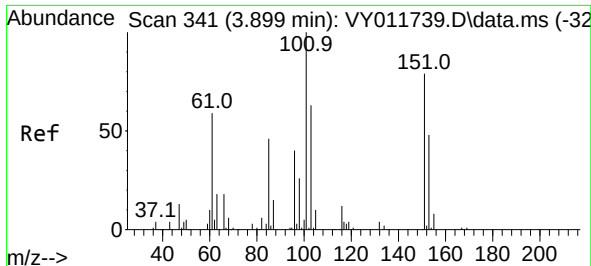
Tgt Ion:101 Resp: 134975
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.6



#8
Diethyl Ether
Concen: 49.492 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 74 Resp: 51597
Ion Ratio Lower Upper
74 100
45 94.0 46.8 140.3

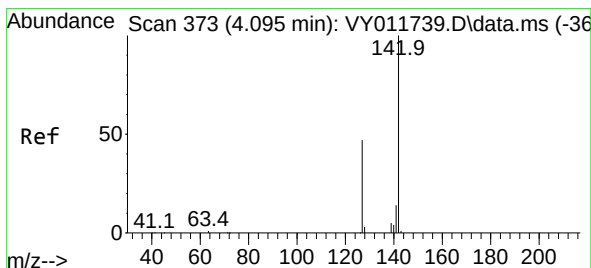
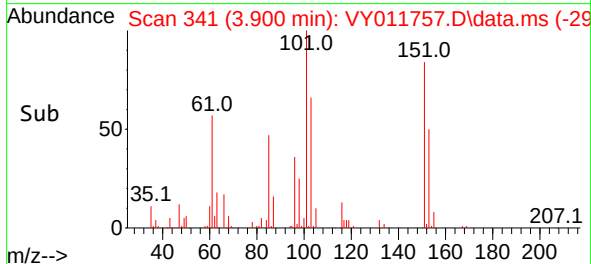
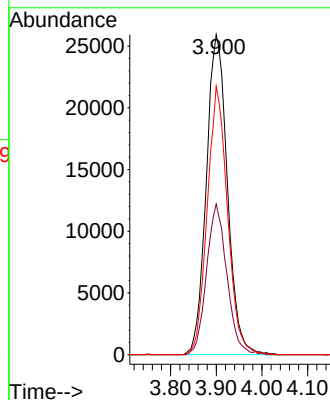
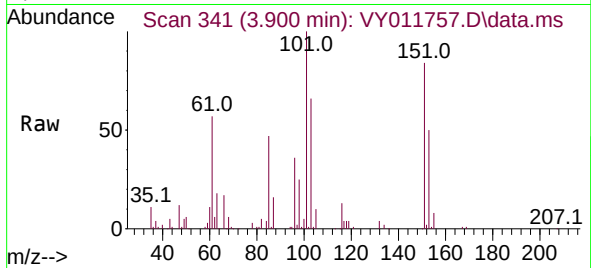




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.731 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY011757.D
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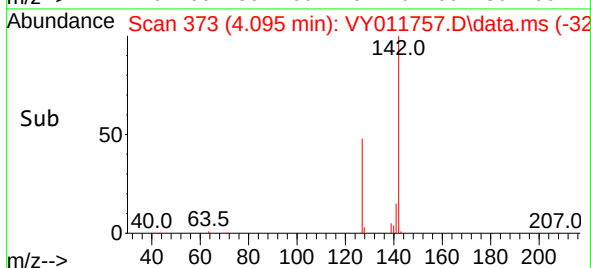
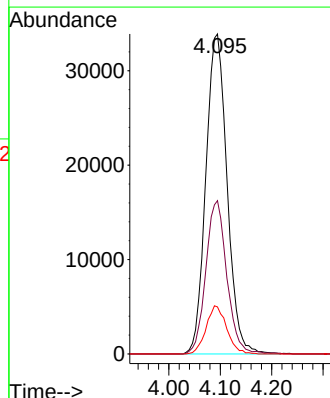
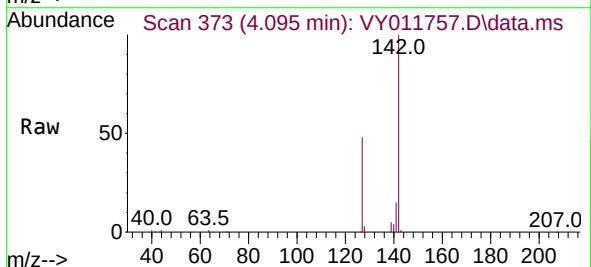
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

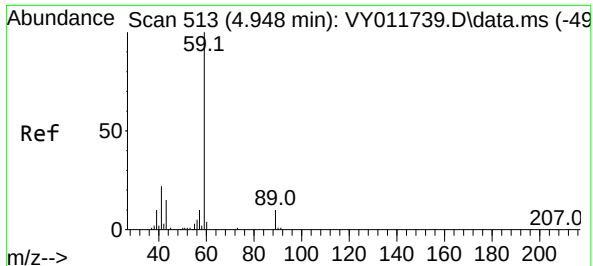
Tgt Ion:101 Resp: 83030
Ion Ratio Lower Upper
101 100
85 45.4 36.2 54.2
151 80.8 64.2 96.2



#10
Methyl Iodide
Concen: 46.854 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion:142 Resp: 97469
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 14.5 11.4 17.0





#11

Tert butyl alcohol

Concen: 336.281 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

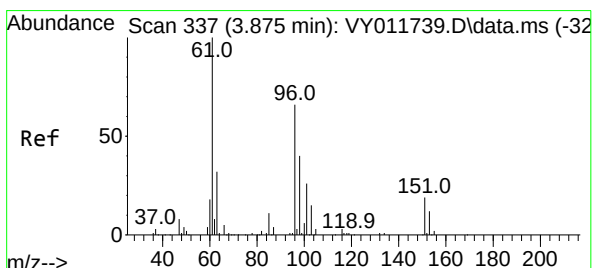
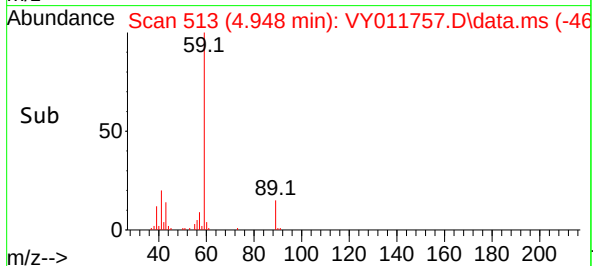
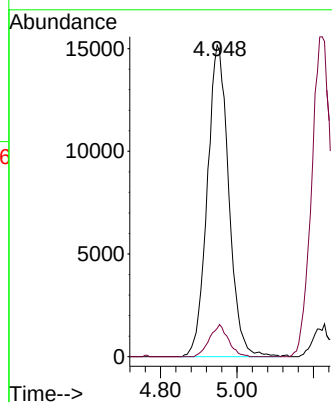
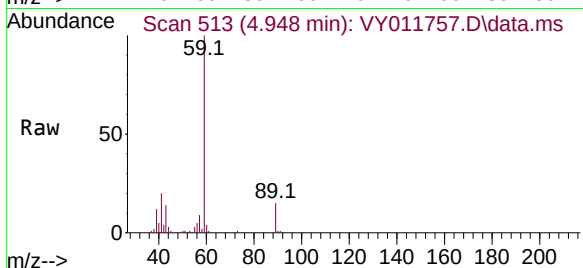
VSTDCCC050EC

Tgt Ion: 59 Resp: 59159

Ion Ratio Lower Upper

59 100

57 9.0 7.4 11.2



#12

1,1-Dichloroethene

Concen: 46.666 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

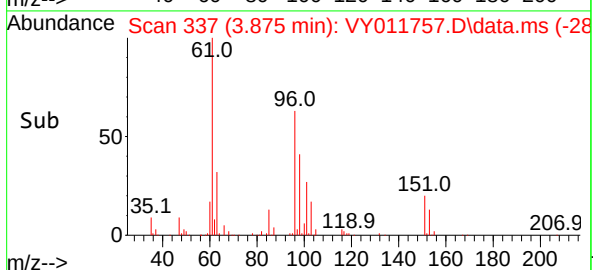
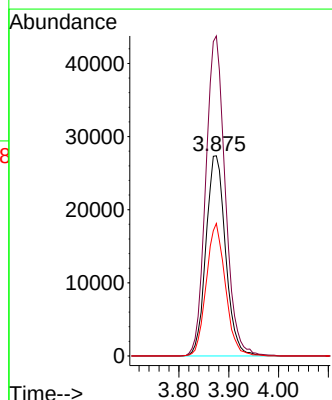
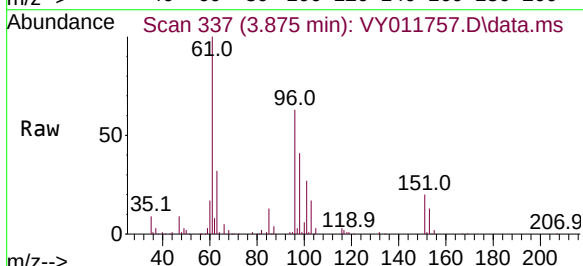
Tgt Ion: 96 Resp: 74776

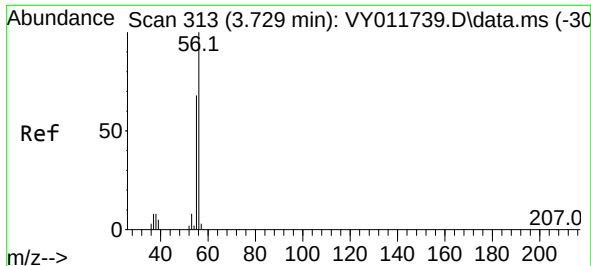
Ion Ratio Lower Upper

96 100

61 159.8 122.0 183.0

98 66.2 48.6 73.0





#13

Acrolein

Concen: 261.521 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

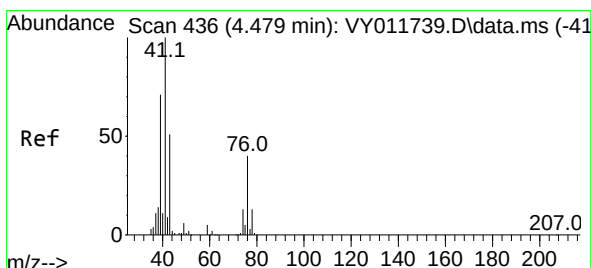
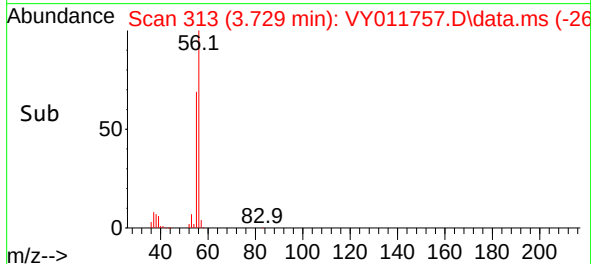
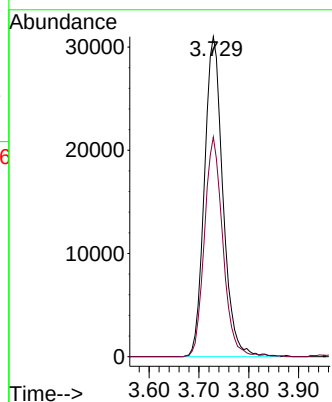
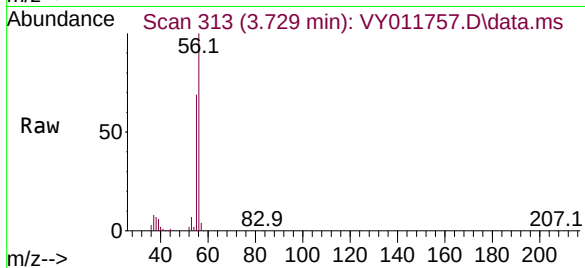
VSTDCCC050EC

Tgt Ion: 56 Resp: 79823

Ion Ratio Lower Upper

56 100

55 68.4 56.6 85.0



#14

Allyl chloride

Concen: 48.837 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

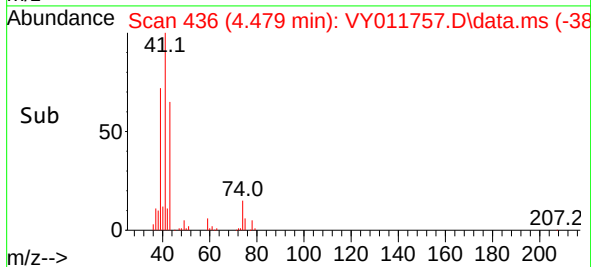
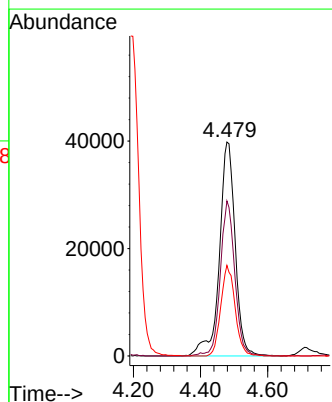
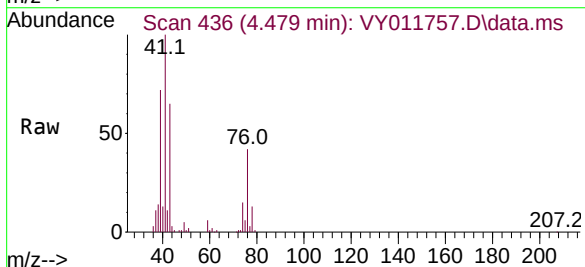
Tgt Ion: 41 Resp: 129988

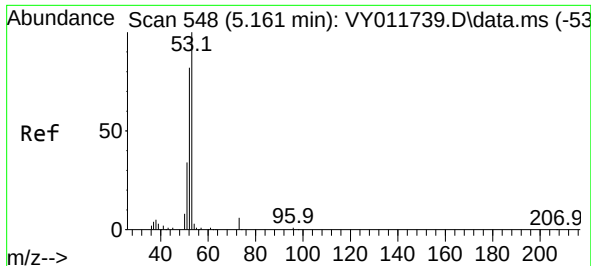
Ion Ratio Lower Upper

41 100

39 66.7 53.5 80.3

76 38.3 31.1 46.7

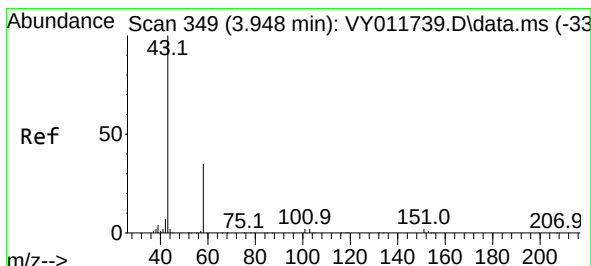
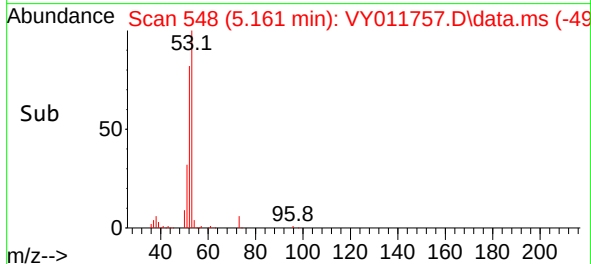
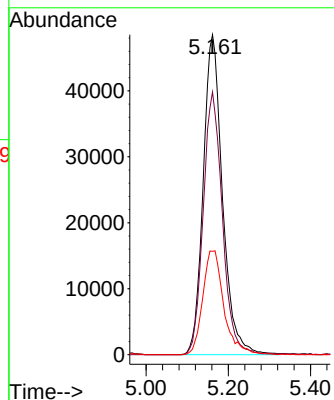
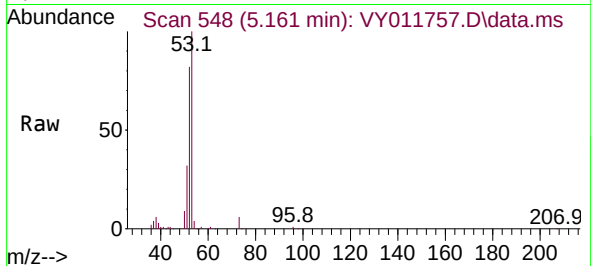




#15
Acrylonitrile
Concen: 282.524 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

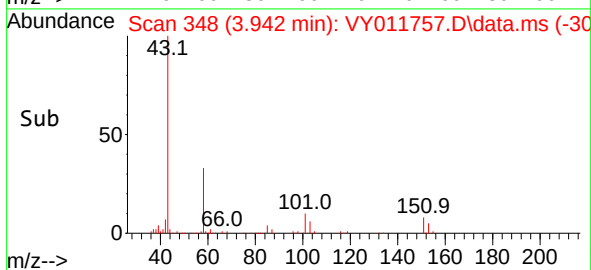
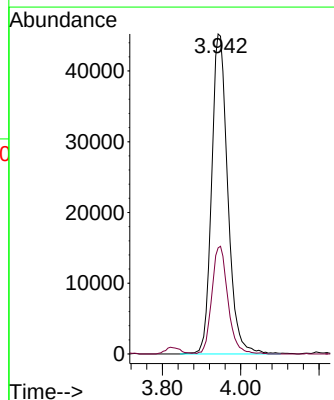
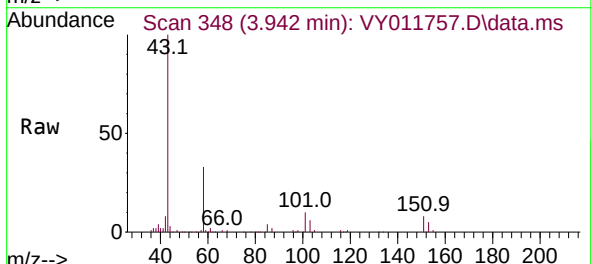
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

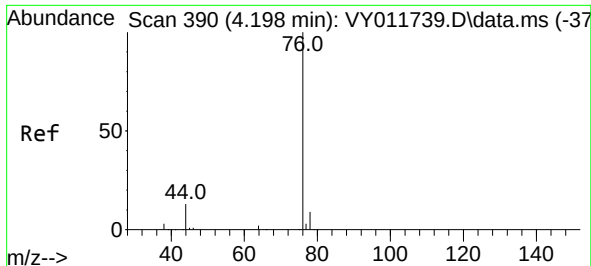
Tgt Ion: 53 Resp: 158093
Ion Ratio Lower Upper
53 100
52 81.7 65.1 97.7
51 35.6 28.7 43.1



#16
Acetone
Concen: 218.157 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 43 Resp: 128977
Ion Ratio Lower Upper
43 100
58 33.2 27.9 41.9





#17

Carbon Disulfide

Concen: 45.755 ug/l

RT: 4.192 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

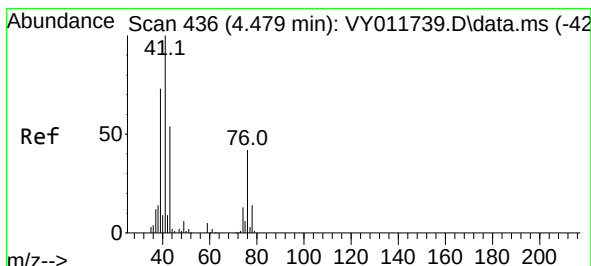
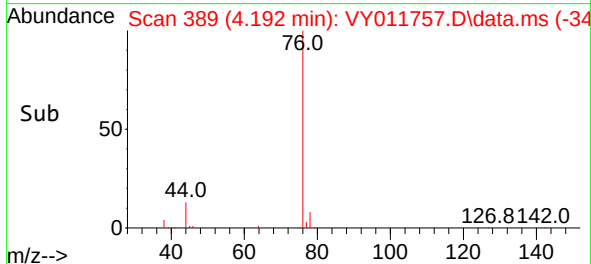
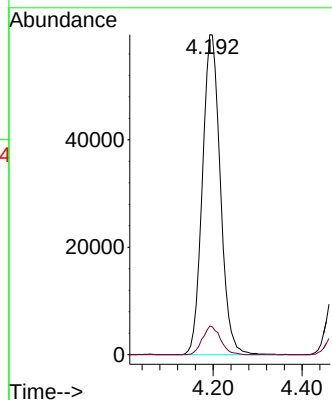
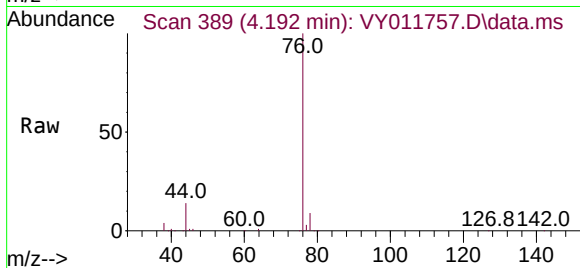
VSTDCCC050EC

Tgt Ion: 76 Resp: 167434

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 53.906 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY011757.D

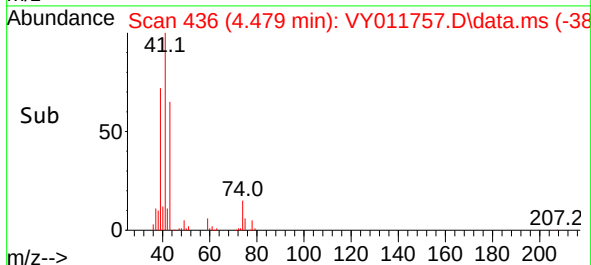
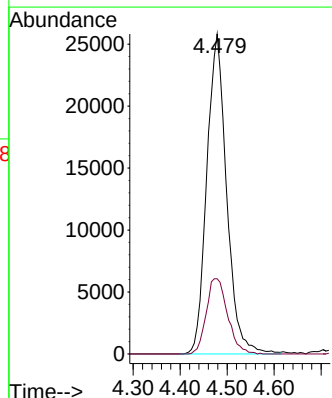
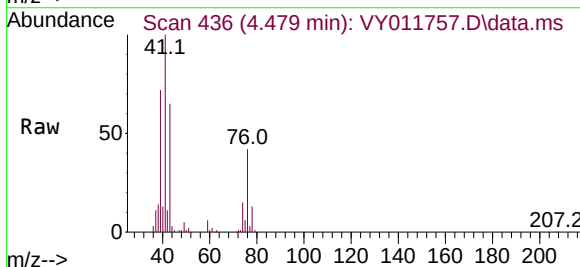
Acq: 09 Dec 2022 20:47

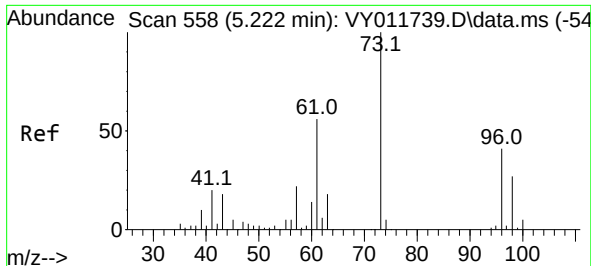
Tgt Ion: 43 Resp: 75697

Ion Ratio Lower Upper

43 100

74 25.3 20.1 30.1

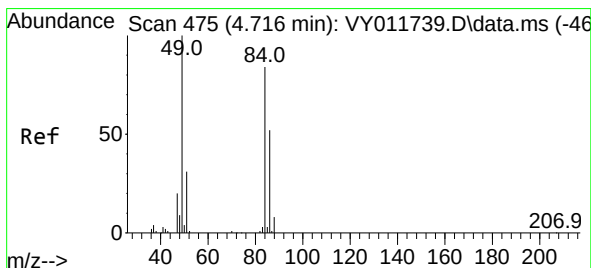
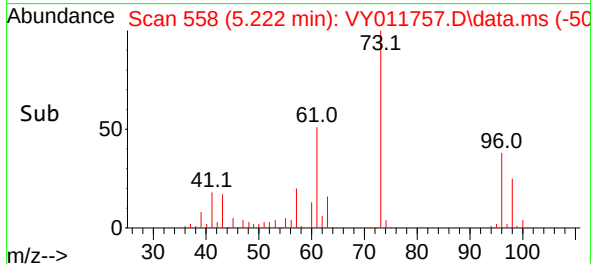
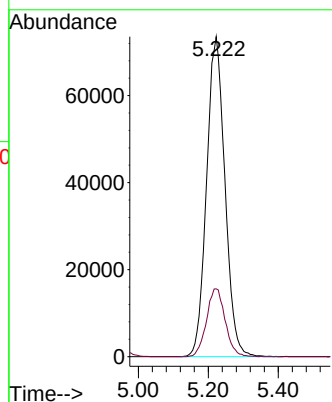
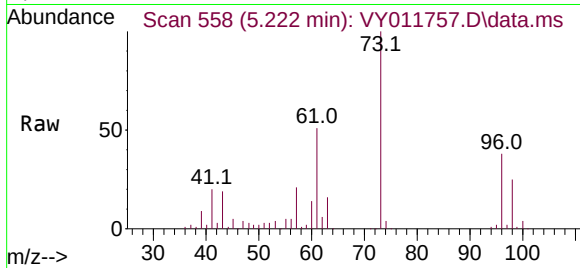




#19
Methyl tert-butyl Ether
Concen: 53.445 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

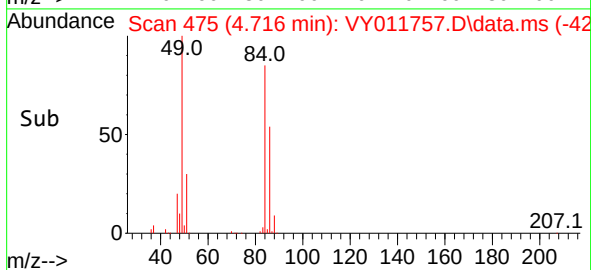
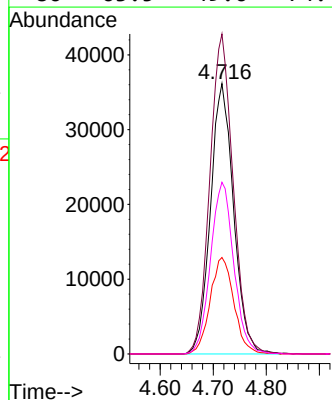
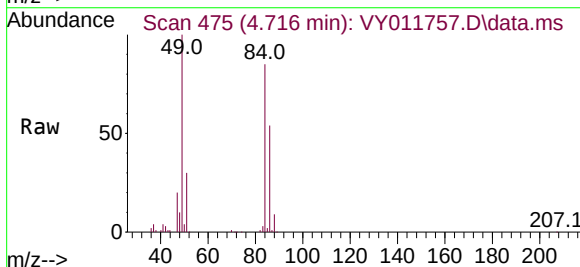
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

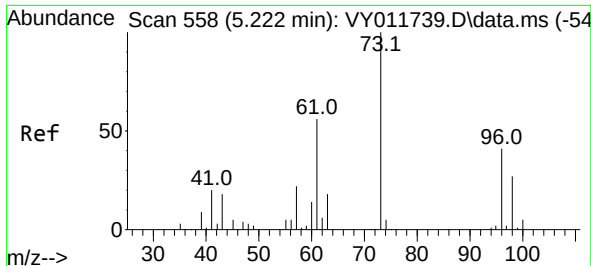
Tgt Ion: 73 Resp: 268142
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 52.358 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 84 Resp: 109610
Ion Ratio Lower Upper
84 100
49 118.3 95.4 143.2
51 35.7 29.9 44.9
86 63.5 49.6 74.4

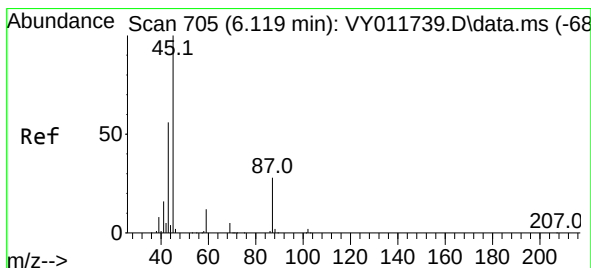
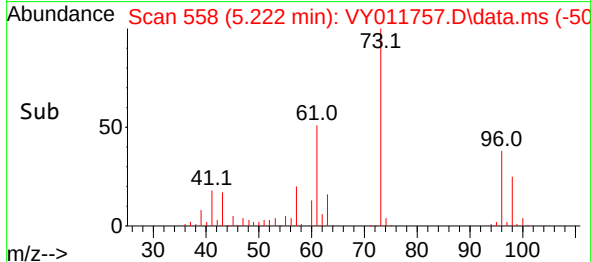
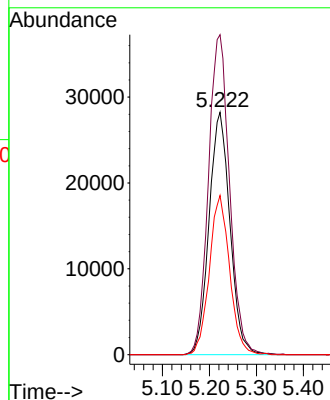
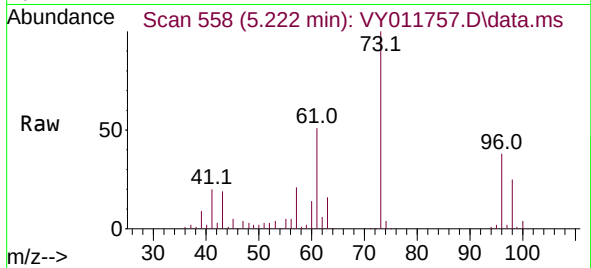




#21
trans-1,2-Dichloroethene
Concen: 48.419 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

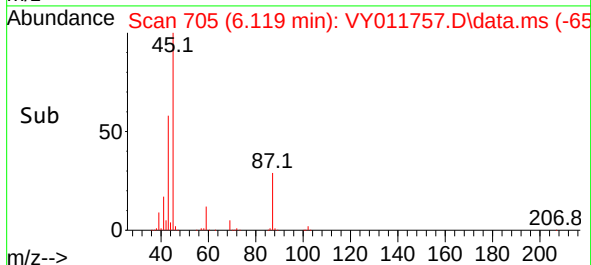
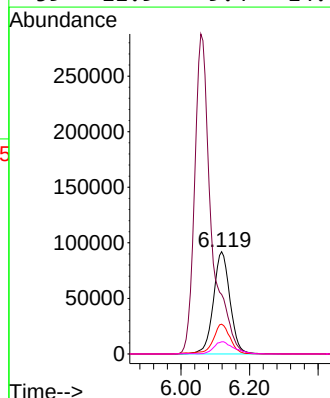
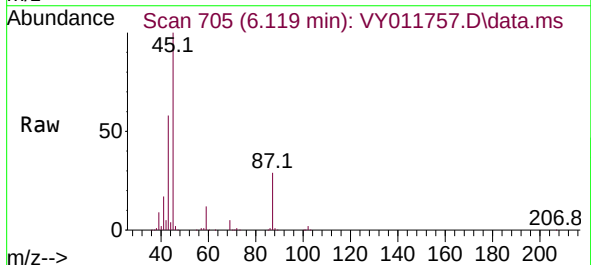
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

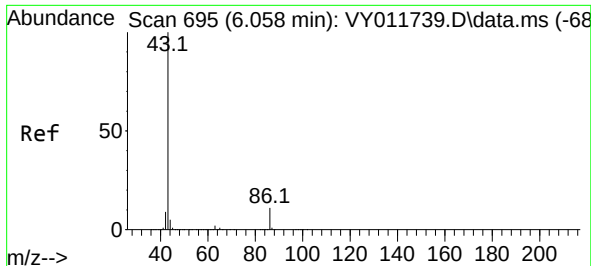
Tgt Ion: 96 Resp: 87202
Ion Ratio Lower Upper
96 100
61 132.0 108.0 162.0
98 65.7 51.6 77.4



#22
Diisopropyl ether
Concen: 53.187 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 45 Resp: 308872
Ion Ratio Lower Upper
45 100
43 57.9 45.0 67.4
87 29.1 22.6 33.8
59 11.9 9.4 14.0

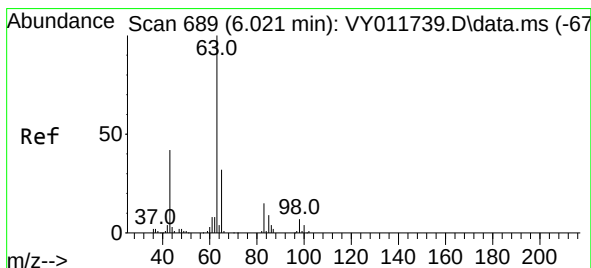
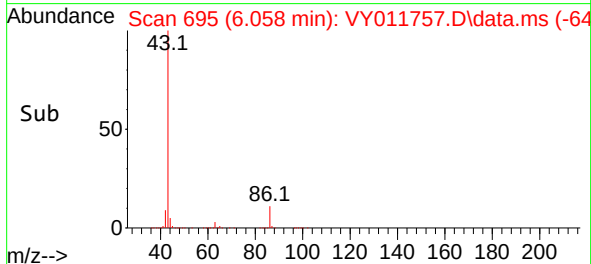
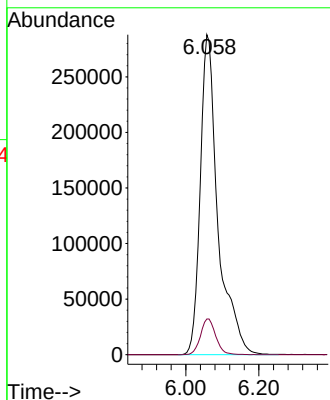
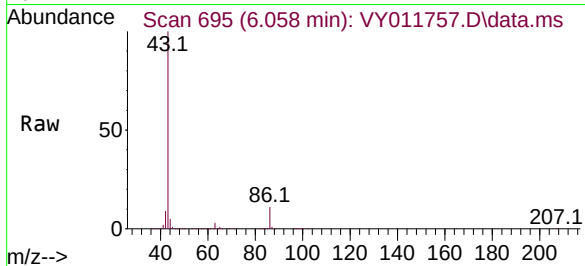




#23
 Vinyl Acetate
 Concen: 292.635 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY011757.D
 Acq: 09 Dec 2022 20:47

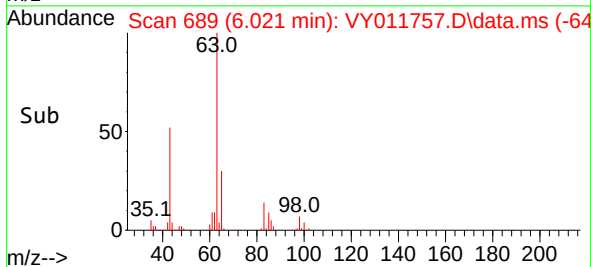
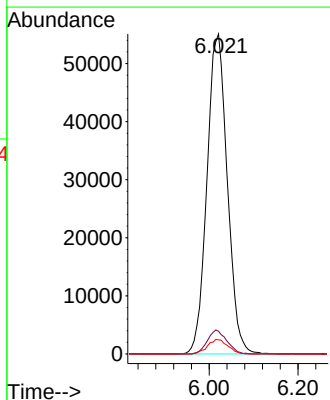
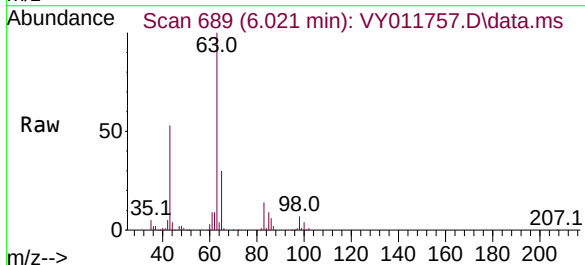
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

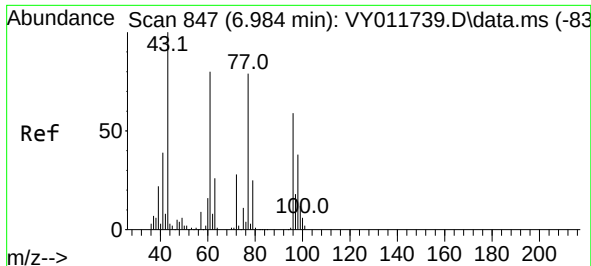
Tgt Ion: 43 Resp: 969498
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 49.688 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY011757.D
 Acq: 09 Dec 2022 20:47

Tgt Ion: 63 Resp: 175345
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.4 2.2 6.6

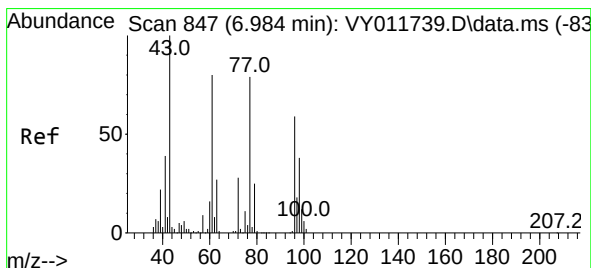
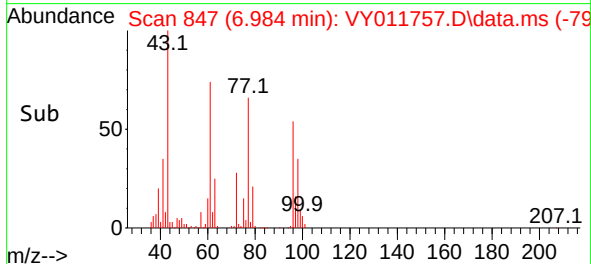
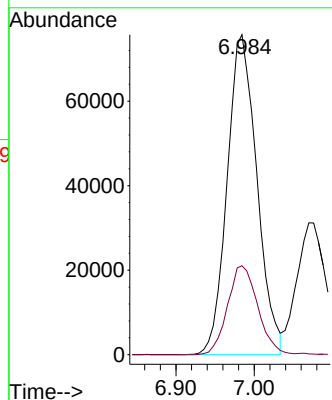
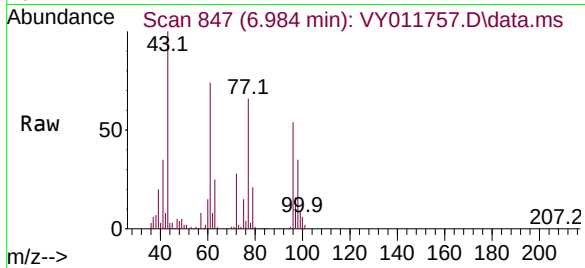




#25
2-Butanone
Concen: 262.914 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

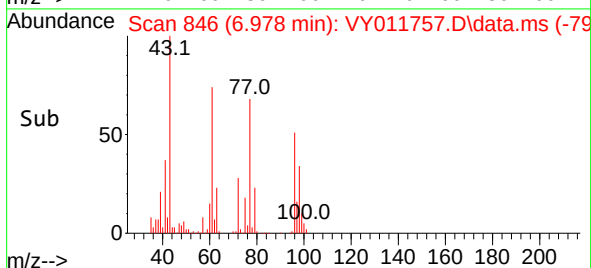
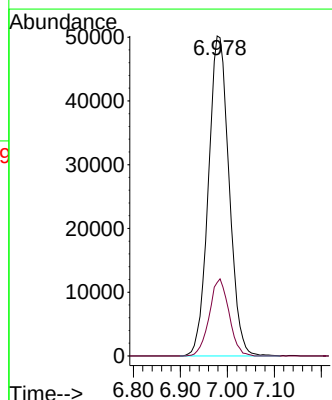
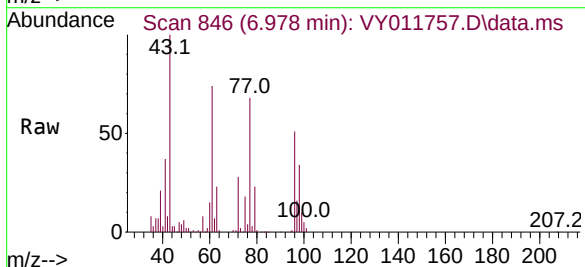
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

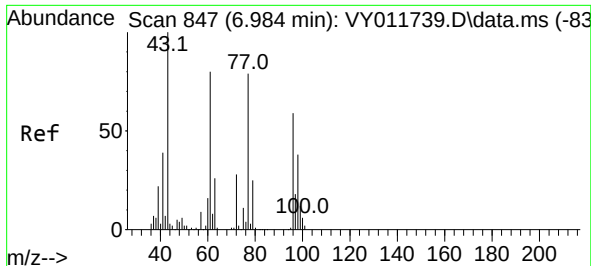
Tgt Ion: 43 Resp: 199940
Ion Ratio Lower Upper
43 100
72 27.8 22.6 34.0



#26
2,2-Dichloropropane
Concen: 46.161 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 77 Resp: 153260
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.538 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

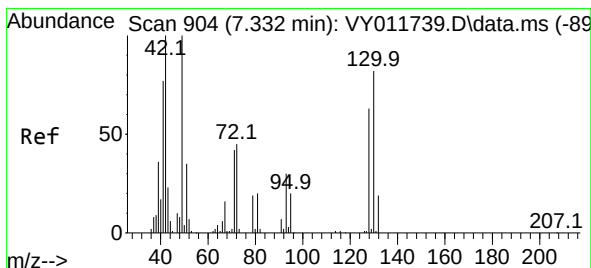
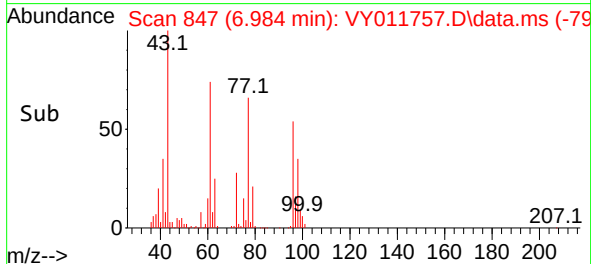
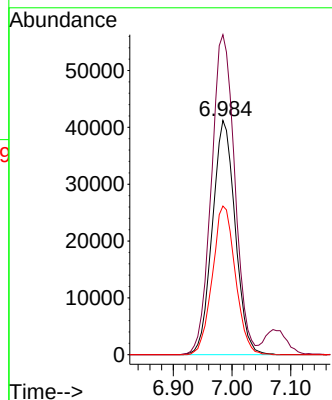
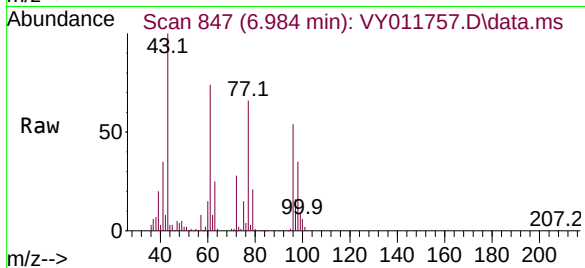
Tgt Ion: 96 Resp: 111242

Ion Ratio Lower Upper

96 100

61 139.9 0.0 283.4

98 63.9 0.0 127.6



#28

Bromochloromethane

Concen: 51.596 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

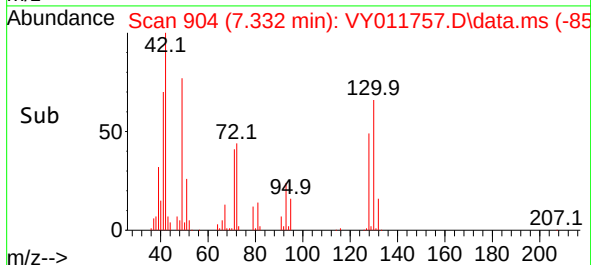
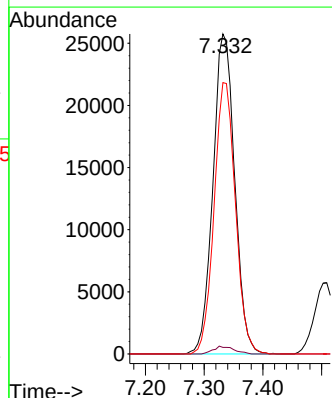
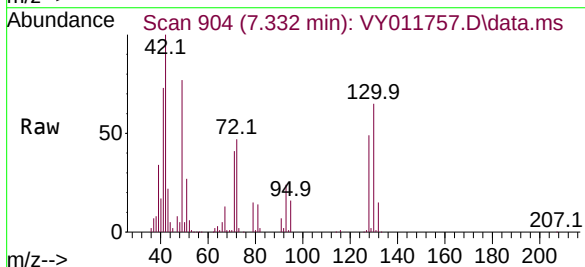
Tgt Ion: 49 Resp: 66288

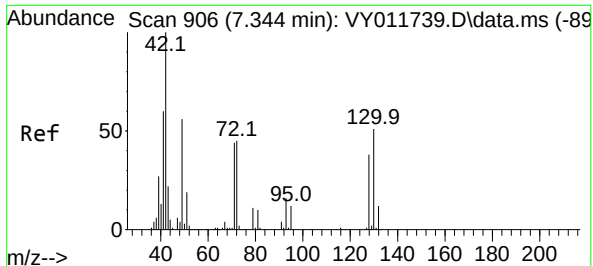
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 83.2 66.7 100.1





#29

Tetrahydrofuran

Concen: 293.529 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

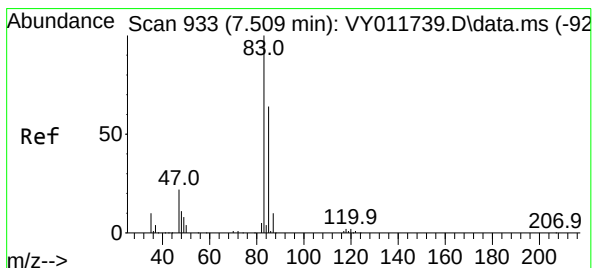
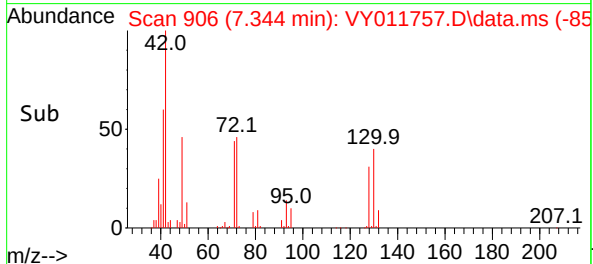
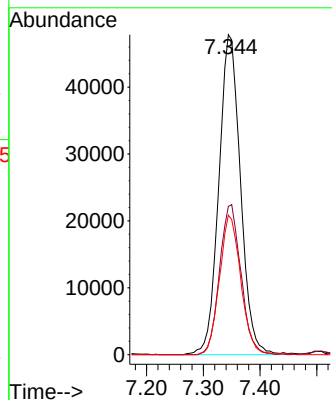
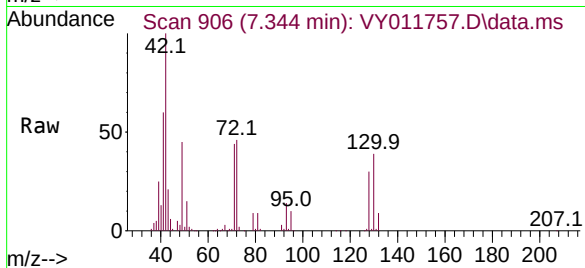
Tgt Ion: 42 Resp: 127052

Ion Ratio Lower Upper

42 100

72 46.2 37.0 55.6

71 42.8 34.9 52.3



#30

Chloroform

Concen: 51.095 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY011757.D

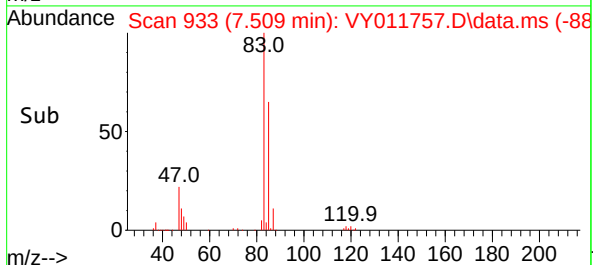
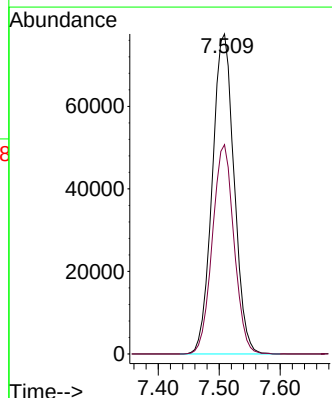
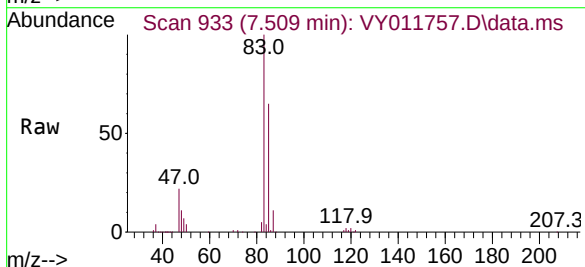
Acq: 09 Dec 2022 20:47

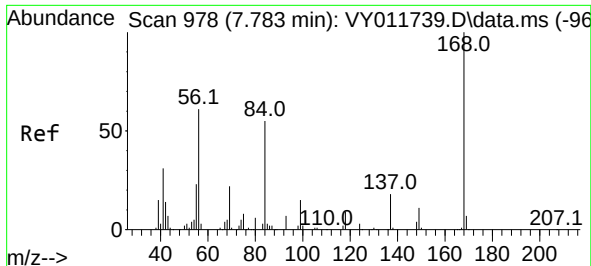
Tgt Ion: 83 Resp: 192766

Ion Ratio Lower Upper

83 100

85 65.4 51.5 77.3

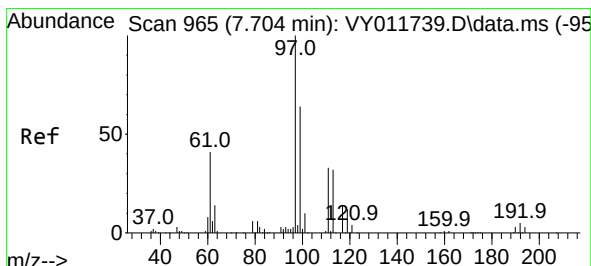
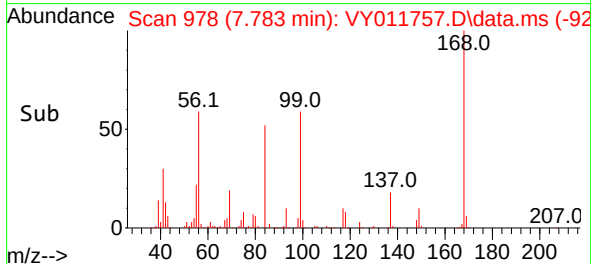
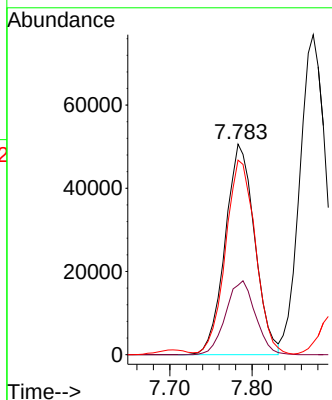
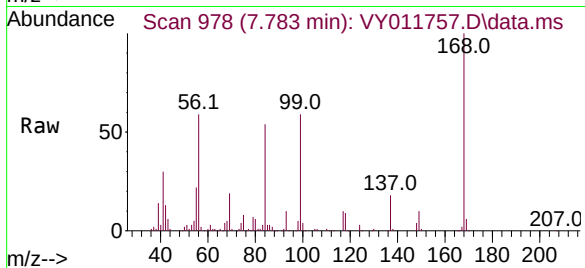




#31
Cyclohexane
Concen: 50.106 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

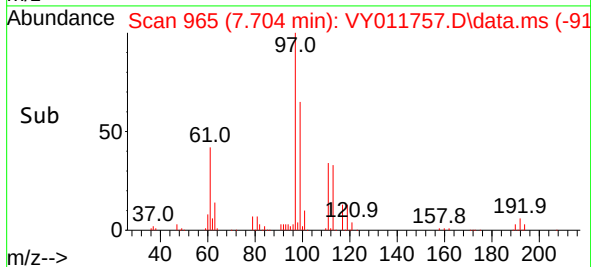
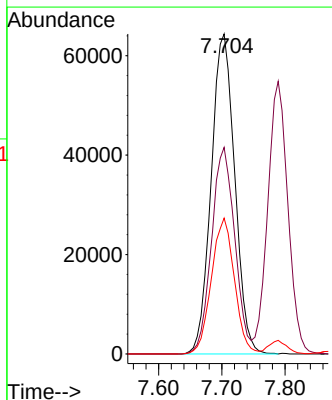
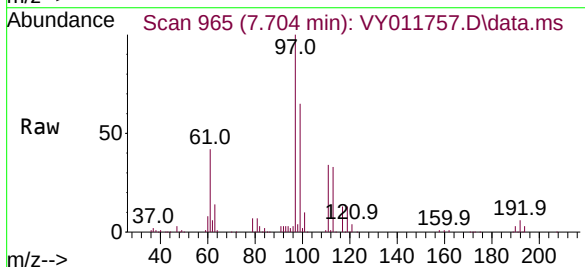
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

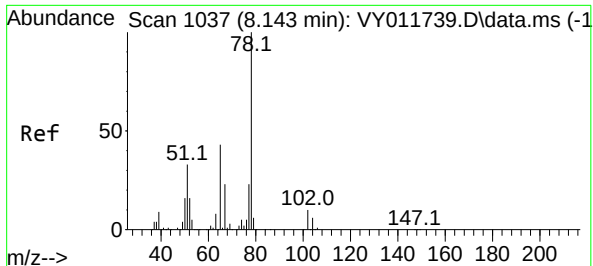
Tgt Ion: 56 Resp: 126336
Ion Ratio Lower Upper
56 100
69 32.9 29.2 43.8
84 90.2 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 49.436 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 97 Resp: 166330
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 41.5 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 51.895 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

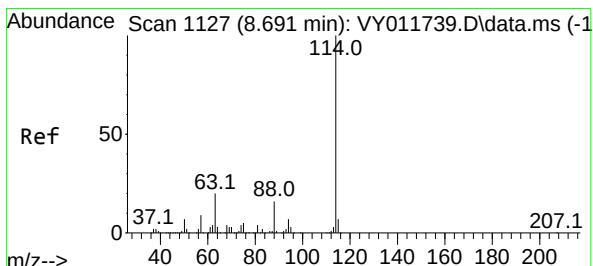
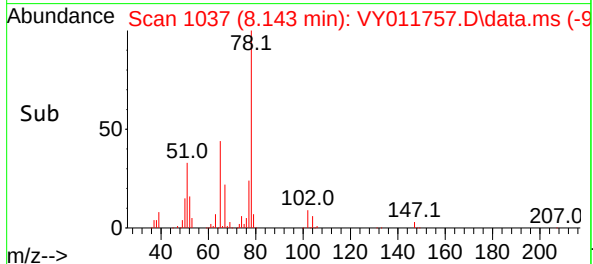
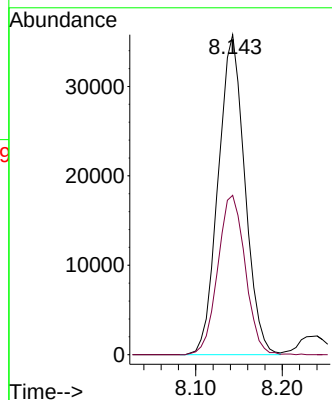
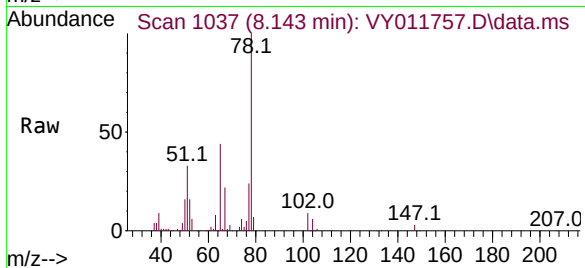
VSTDCCC050EC

Tgt Ion: 65 Resp: 76405

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

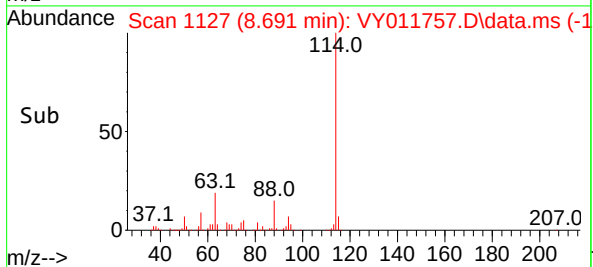
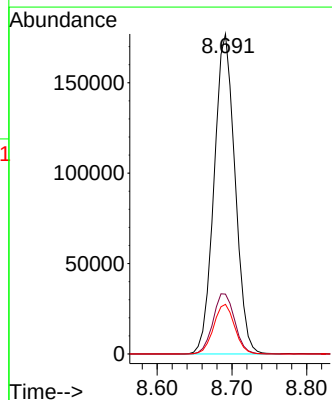
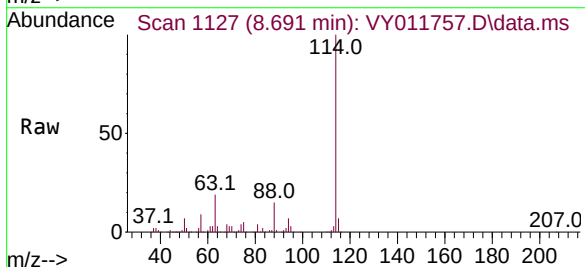
Tgt Ion: 114 Resp: 344742

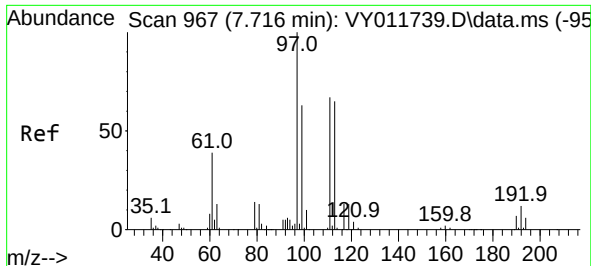
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.5 0.0 32.2

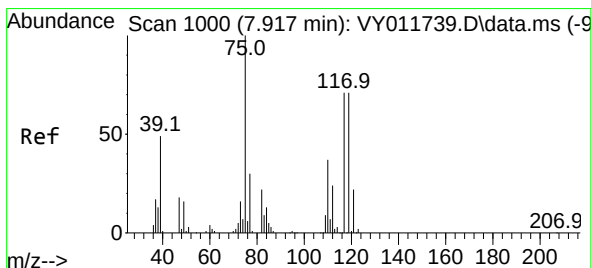
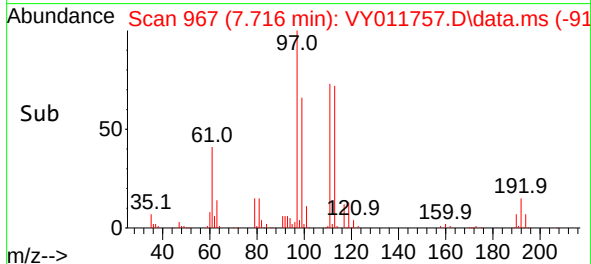
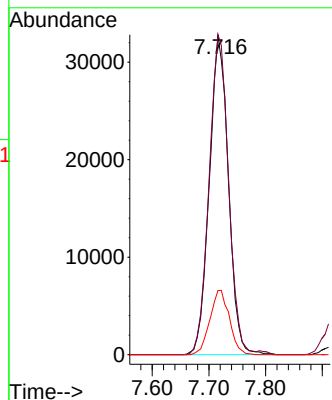
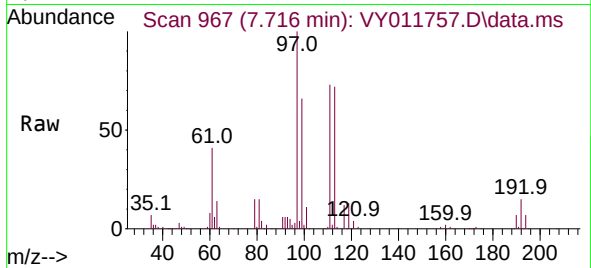




#35
Dibromofluoromethane
Concen: 49.959 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

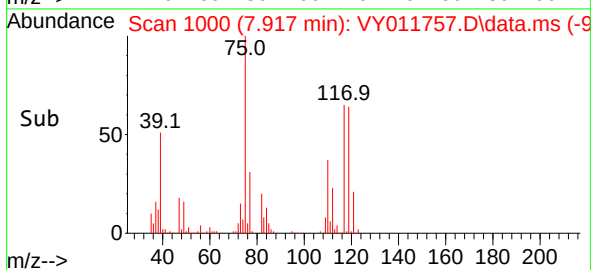
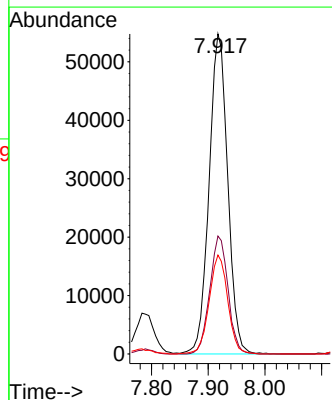
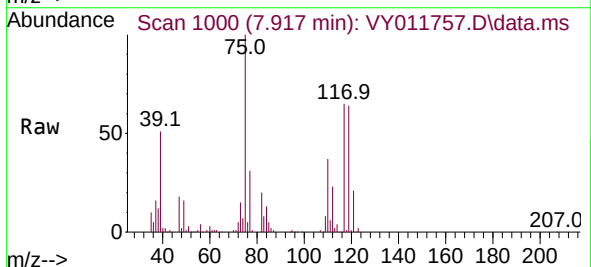
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

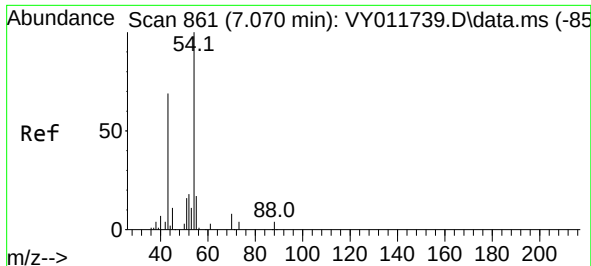
Tgt Ion:113 Resp: 76526
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.4
192 20.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 47.801 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 75 Resp: 125051
Ion Ratio Lower Upper
75 100
110 36.0 18.1 54.1
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 55.930 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

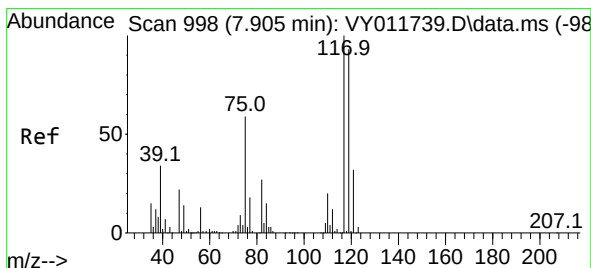
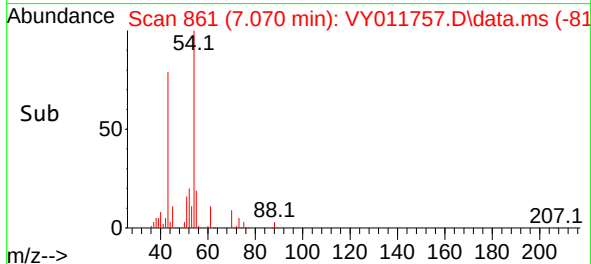
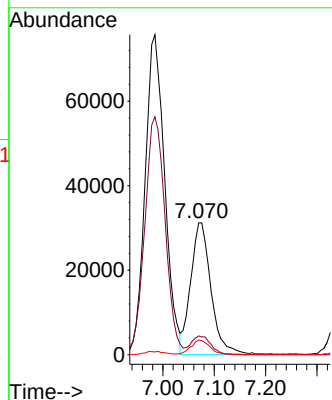
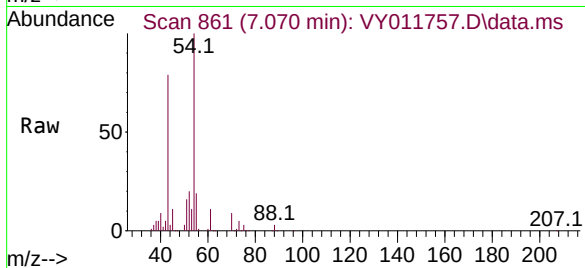
Tgt Ion: 43 Resp: 85542

Ion Ratio Lower Upper

43 100

61 13.6 11.3 16.9

70 10.4 8.2 12.4



#38

Carbon Tetrachloride

Concen: 48.092 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

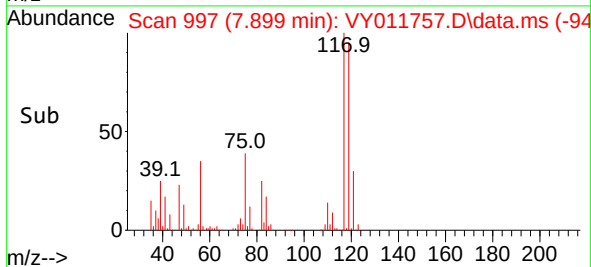
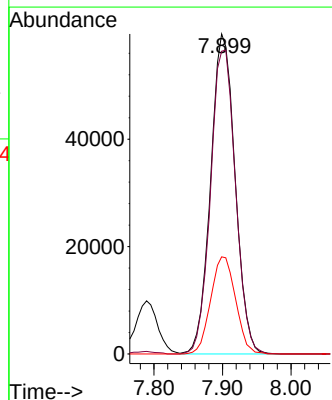
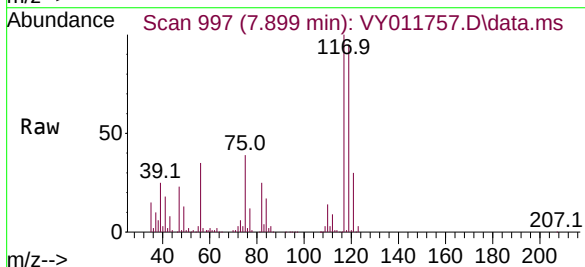
Tgt Ion: 117 Resp: 147785

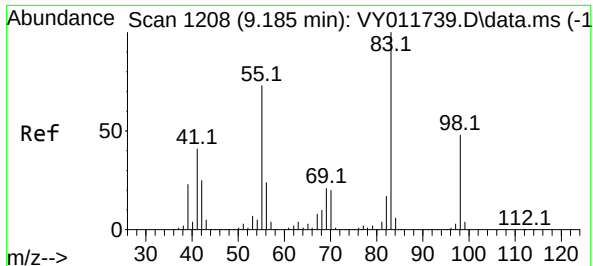
Ion Ratio Lower Upper

117 100

119 94.6 73.8 110.8

121 30.3 25.2 37.8





#39

Methylcyclohexane

Concen: 46.904 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

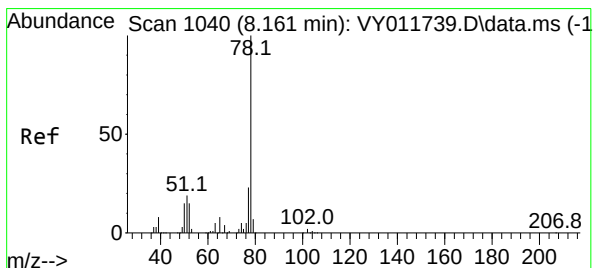
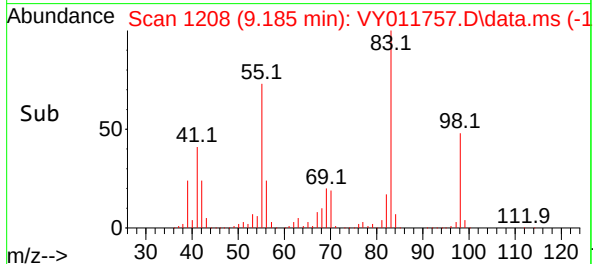
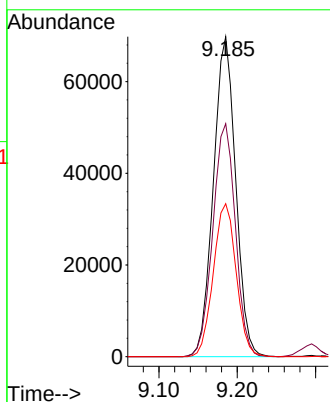
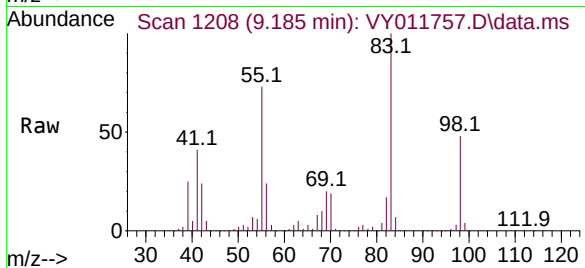
Tgt Ion: 83 Resp: 138064

Ion Ratio Lower Upper

83 100

55 72.8 58.2 87.2

98 47.8 38.6 58.0



#40

Benzene

Concen: 48.751 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY011757.D

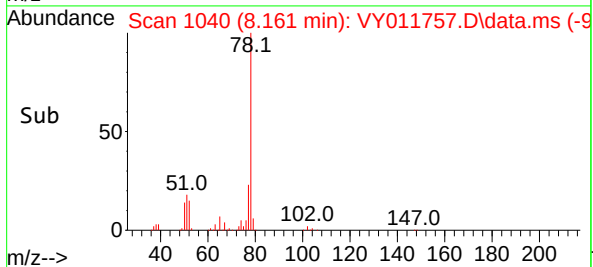
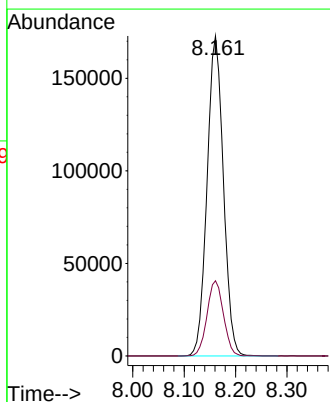
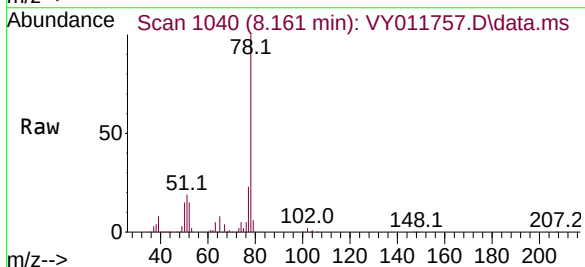
Acq: 09 Dec 2022 20:47

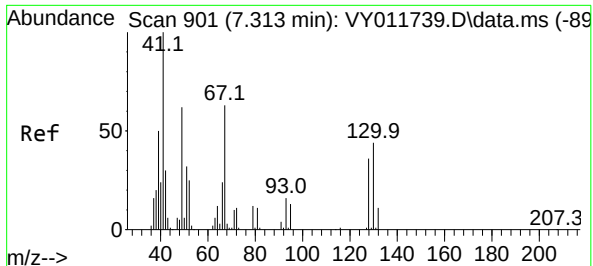
Tgt Ion: 78 Resp: 381002

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8



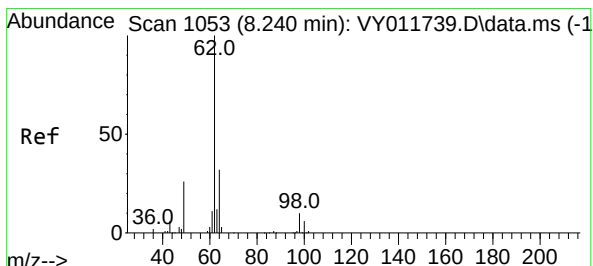
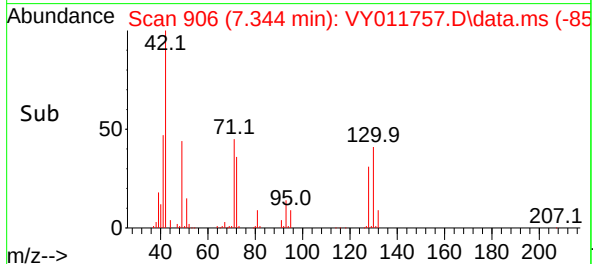
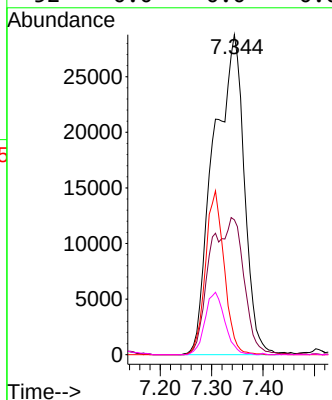
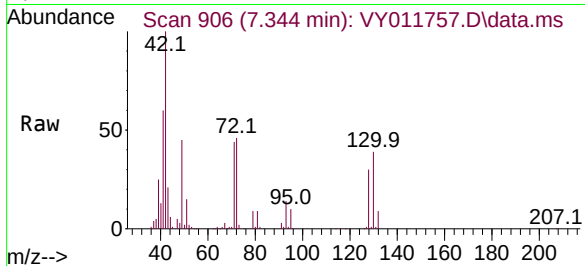


#41
Methacrylonitrile
Concen: 153.849 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 118785

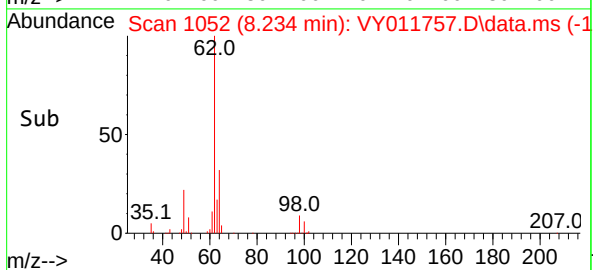
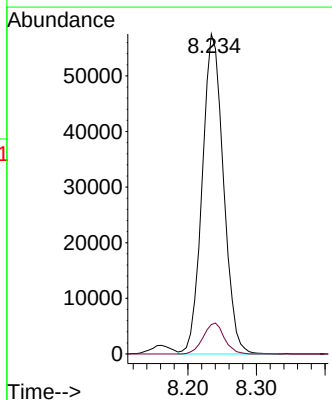
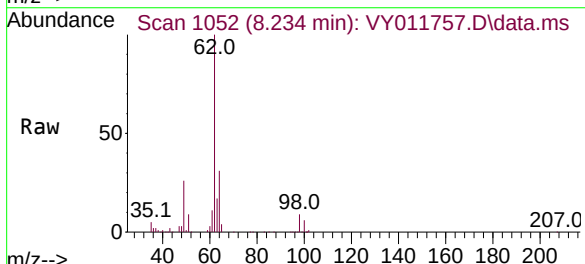
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

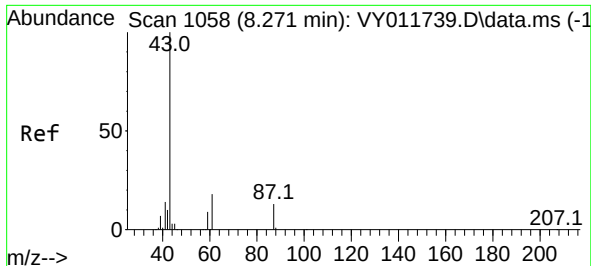


#42
1,2-Dichloroethane
Concen: 51.342 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 62 Resp: 124081

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.6

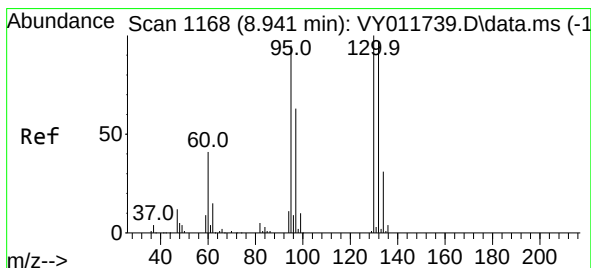
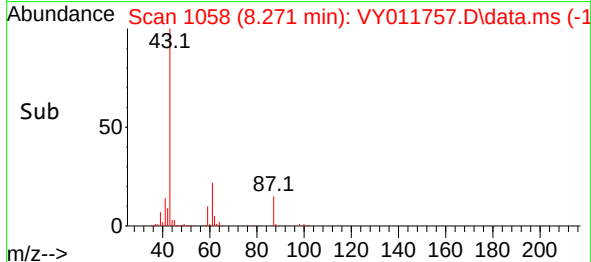
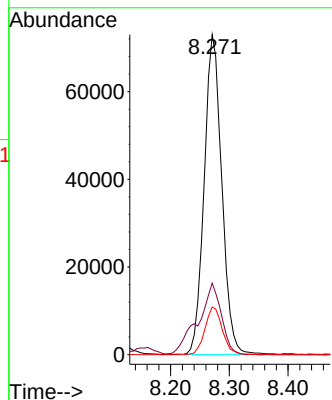
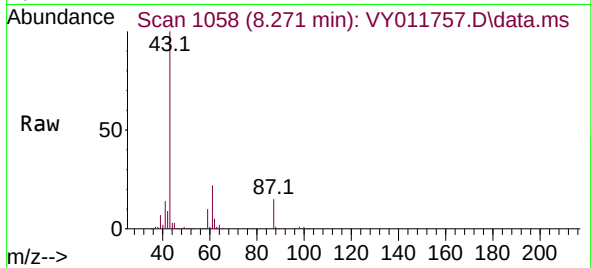




#43
Isopropyl Acetate
Concen: 54.827 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

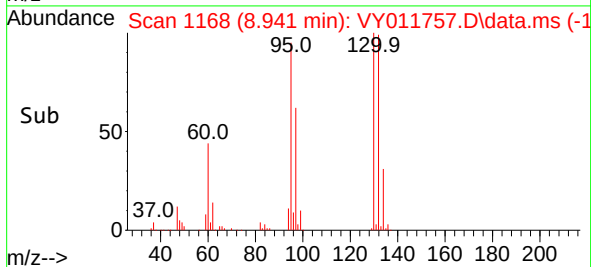
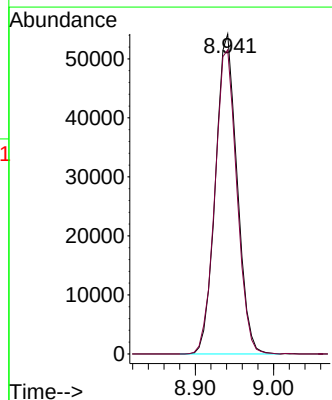
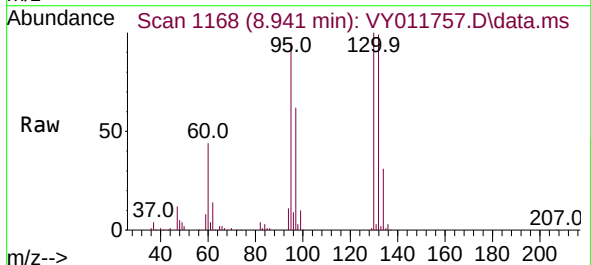
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

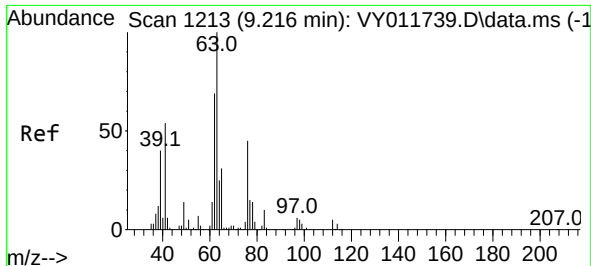
Tgt Ion: 43 Resp: 152052
Ion Ratio Lower Upper
43 100
61 29.7 24.4 36.6
87 14.7 11.4 17.2



#44
Trichloroethene
Concen: 47.475 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 130 Resp: 103914
Ion Ratio Lower Upper
130 100
95 95.1 0.0 190.6





#45

1,2-Dichloropropane

Concen: 50.255 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

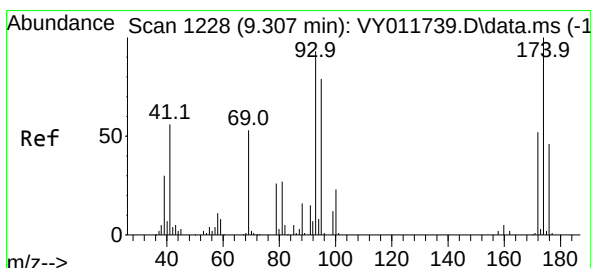
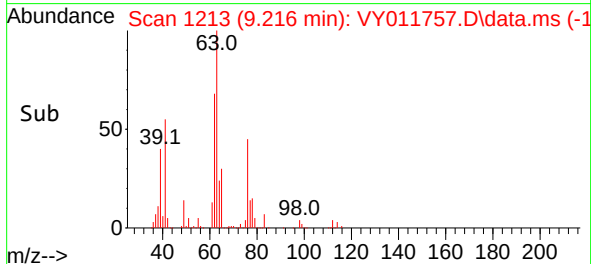
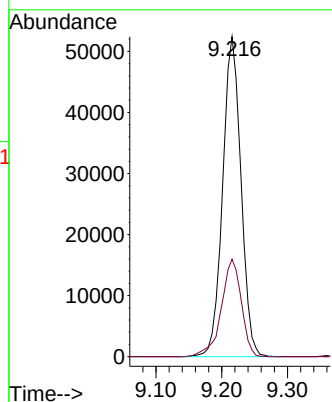
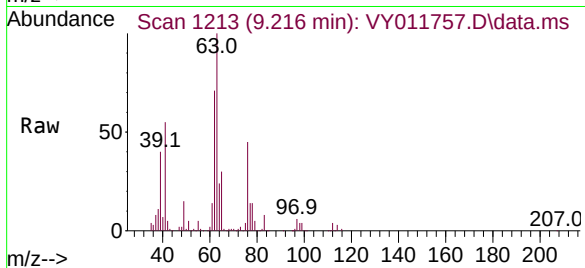
VSTDCCC050EC

Tgt Ion: 63 Resp: 101653

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 51.692 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

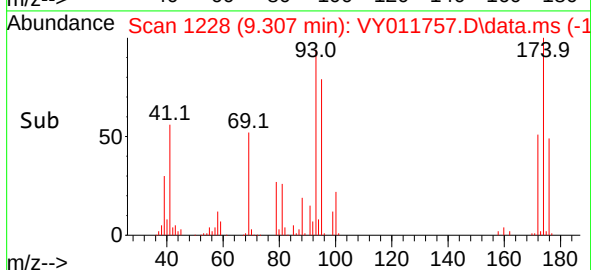
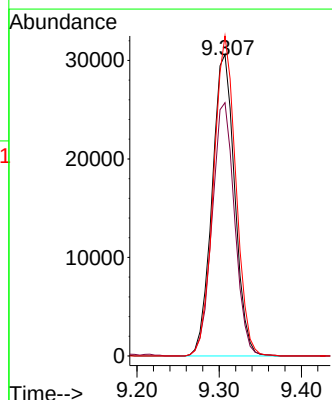
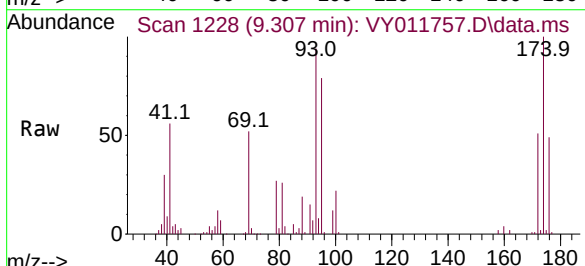
Tgt Ion: 93 Resp: 58530

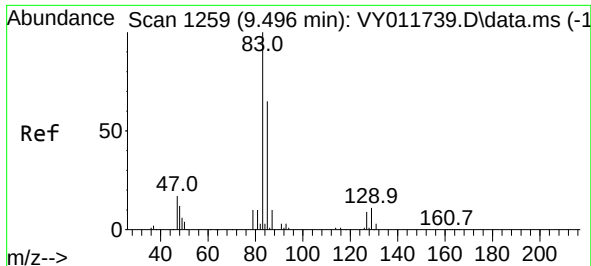
Ion Ratio Lower Upper

93 100

95 83.3 66.1 99.1

174 104.5 84.7 127.1

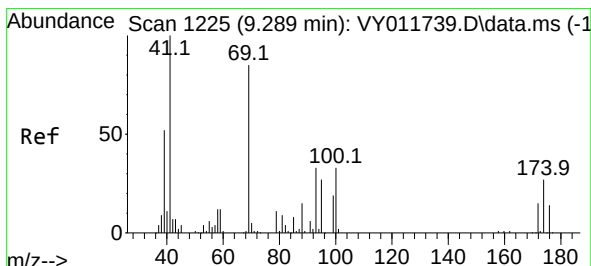
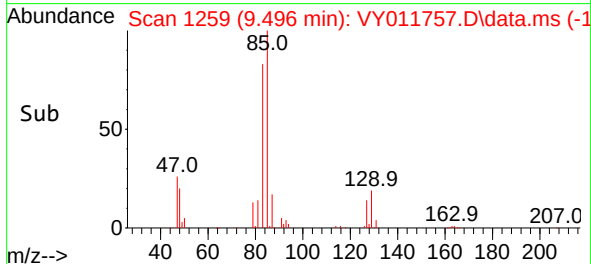
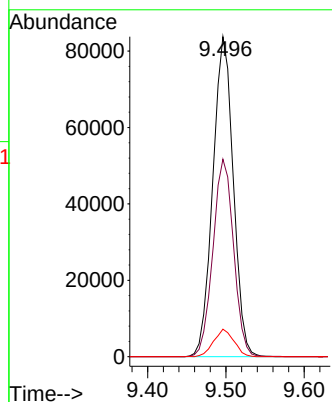
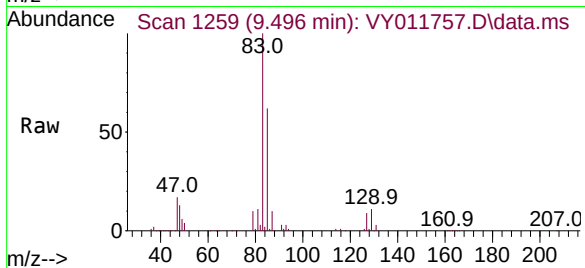




#47
Bromodichloromethane
Concen: 52.025 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

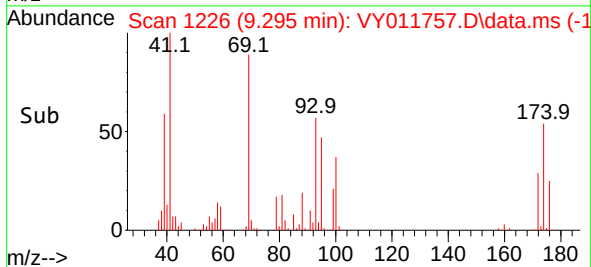
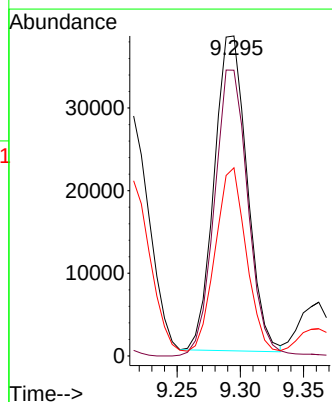
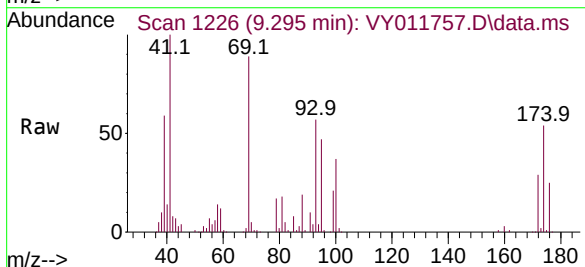
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

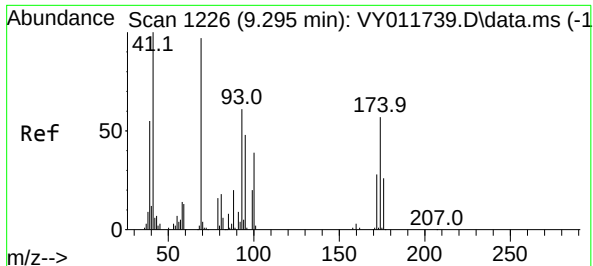
Tgt Ion: 83 Resp: 152182
Ion Ratio Lower Upper
83 100
85 61.7 52.0 78.0
127 8.6 7.3 10.9



#48
Methyl methacrylate
Concen: 56.313 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 41 Resp: 68841
Ion Ratio Lower Upper
41 100
69 92.8 74.2 111.2
39 58.1 46.3 69.5





#49

1,4-Dioxane

Concen: 1137.006 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

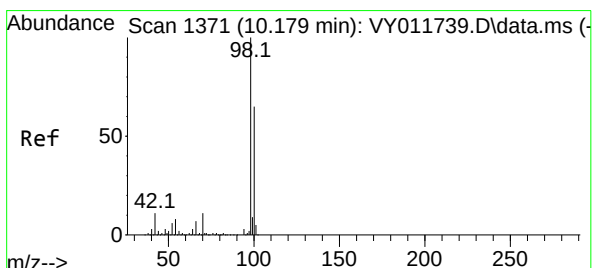
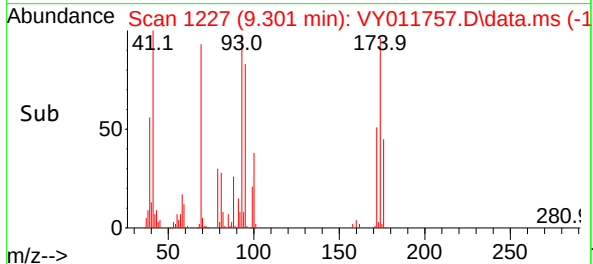
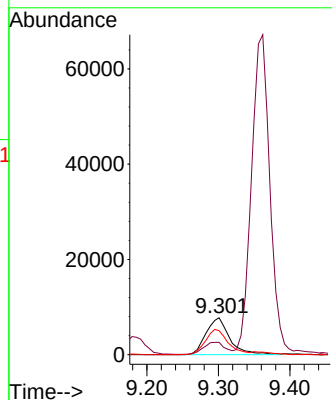
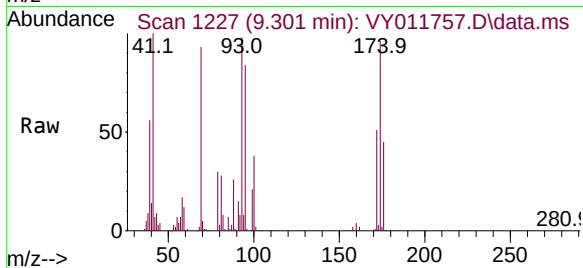
Tgt Ion: 88 Resp: 17835

Ion Ratio Lower Upper

88 100

43 30.2 26.2 39.2

58 65.9 54.3 81.5



#50

Toluene-d8

Concen: 48.043 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011757.D

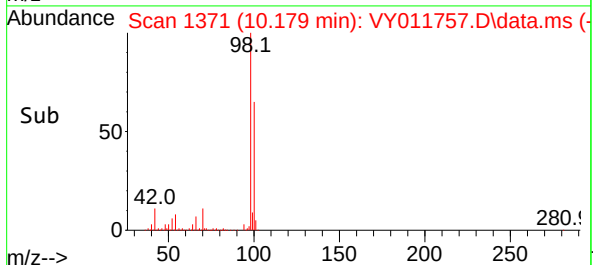
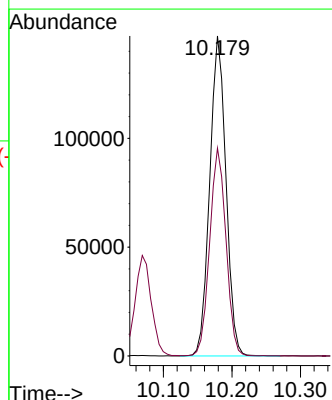
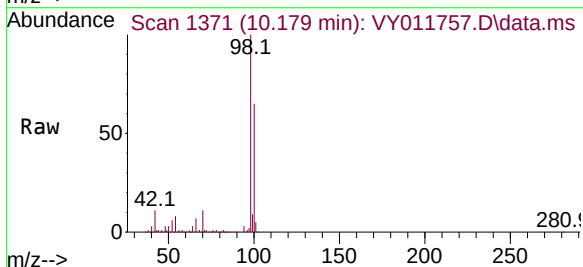
Acq: 09 Dec 2022 20:47

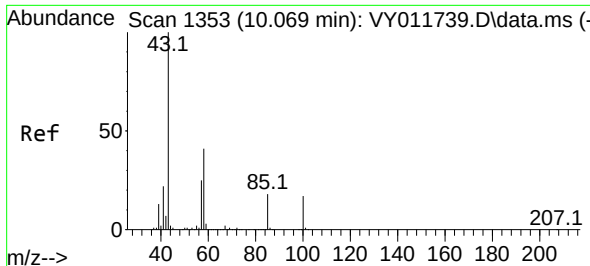
Tgt Ion: 98 Resp: 242564

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9

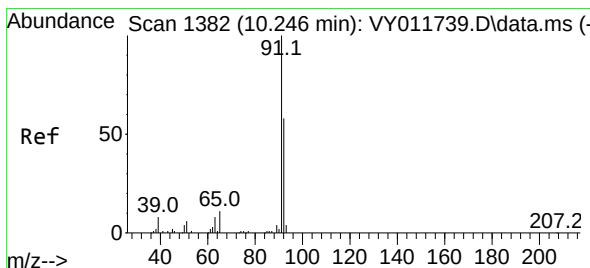
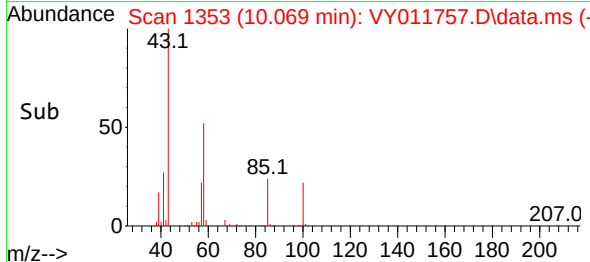
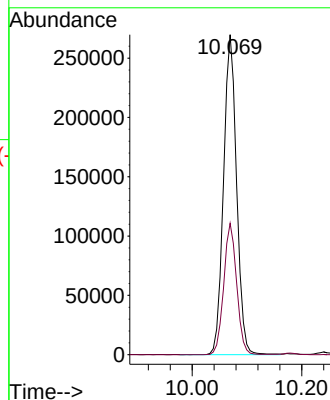
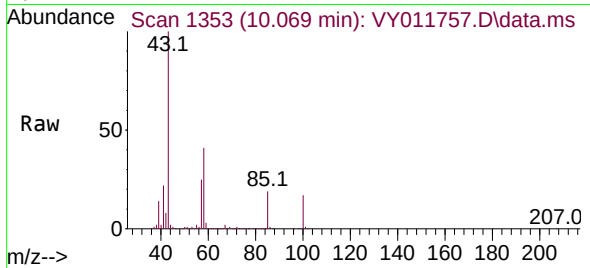




#51
4-Methyl-2-Pentanone
Concen: 293.040 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

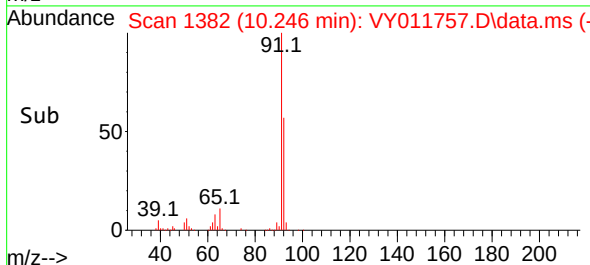
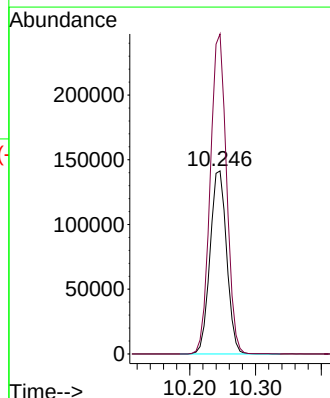
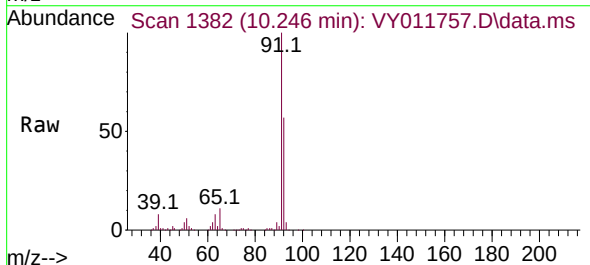
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

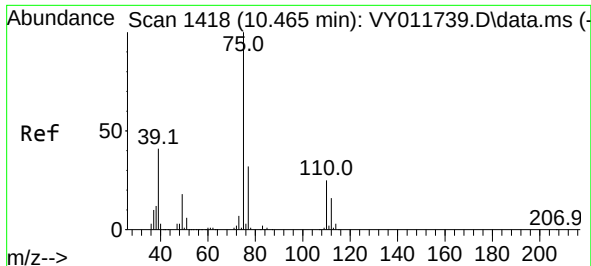
Tgt Ion: 43 Resp: 447802
Ion Ratio Lower Upper
43 100
58 40.7 32.9 49.3



#52
Toluene
Concen: 50.004 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 92 Resp: 248442
Ion Ratio Lower Upper
92 100
91 171.6 137.4 206.0

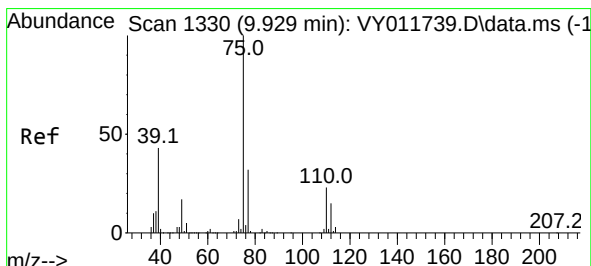
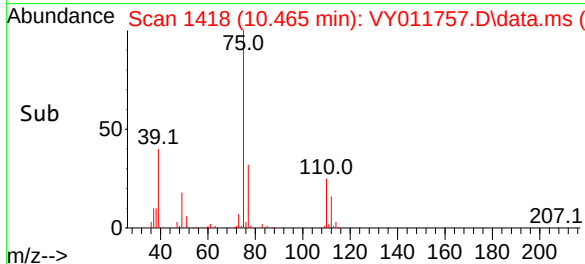
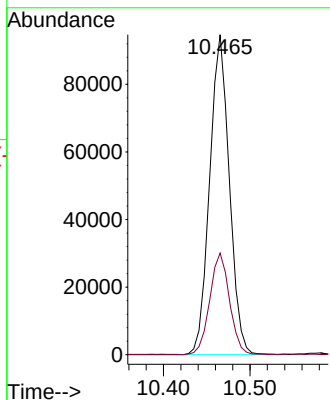
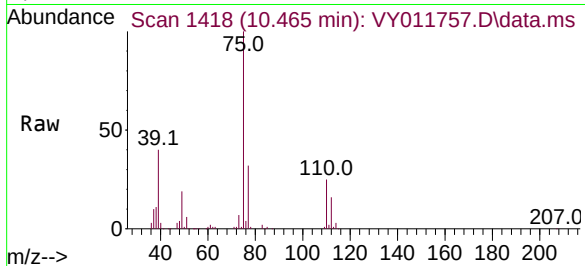




#53
t-1,3-Dichloropropene
Concen: 51.129 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

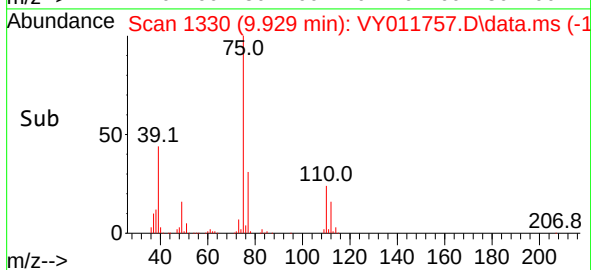
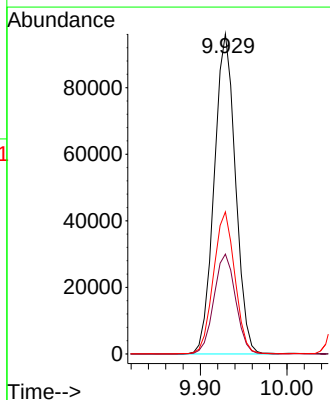
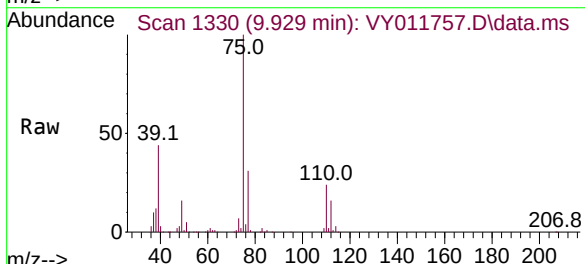
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

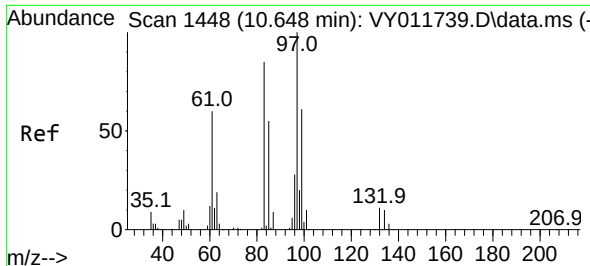
Tgt Ion: 75 Resp: 149392
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 49.906 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 75 Resp: 163832
Ion Ratio Lower Upper
75 100
77 31.2 25.9 38.9
39 44.3 34.6 52.0

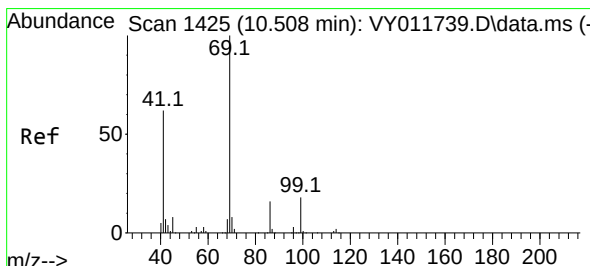
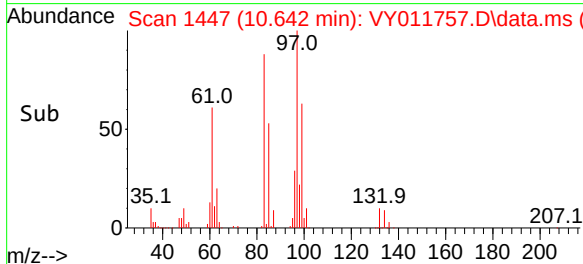
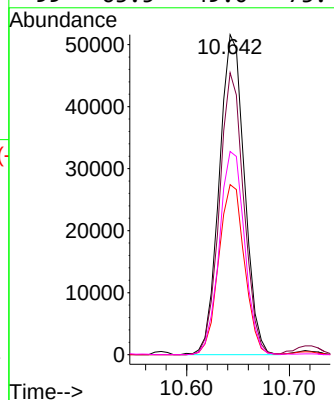
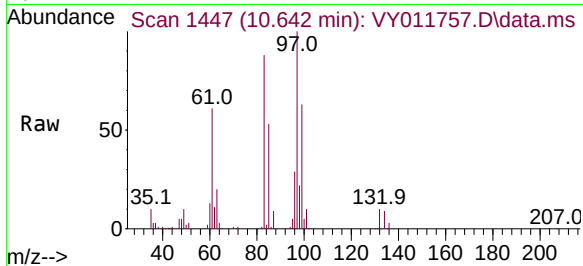




#55
 1,1,2-Trichloroethane
 Concen: 52.490 ug/l
 RT: 10.642 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: VY011757.D
 Acq: 09 Dec 2022 20:47

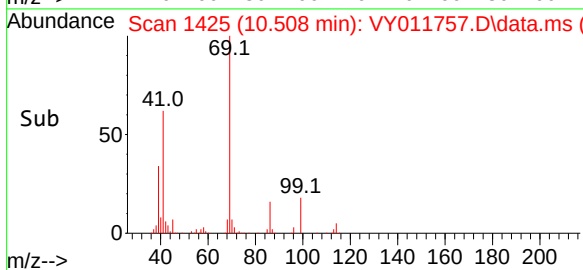
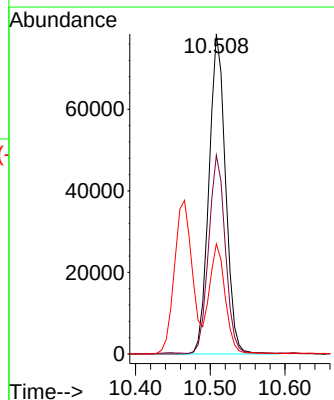
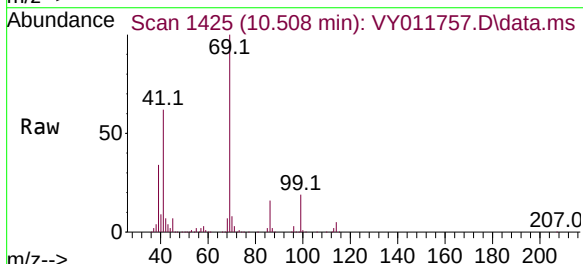
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

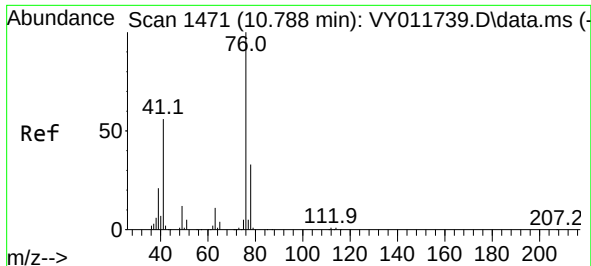
Tgt Ion: 97	Resp: 87844
Ion Ratio	Lower Upper
97 100	
83 88.1	67.7 101.5
85 53.2	43.8 65.8
99 63.5	49.0 73.4



#56
 Ethyl methacrylate
 Concen: 56.008 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: VY011757.D
 Acq: 09 Dec 2022 20:47

Tgt Ion: 69	Resp: 120998
Ion Ratio	Lower Upper
69 100	
41 61.9	48.9 73.3
39 32.0	25.9 38.9





#57

1,3-Dichloropropane

Concen: 53.039 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

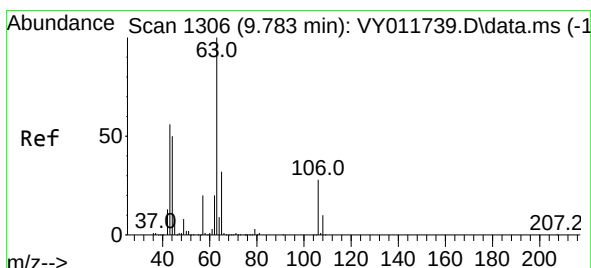
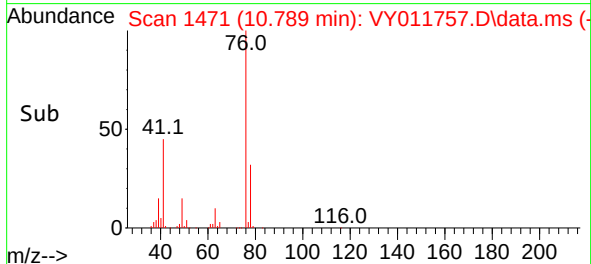
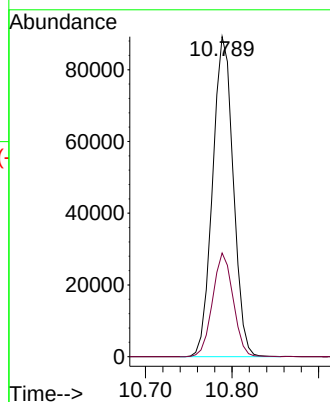
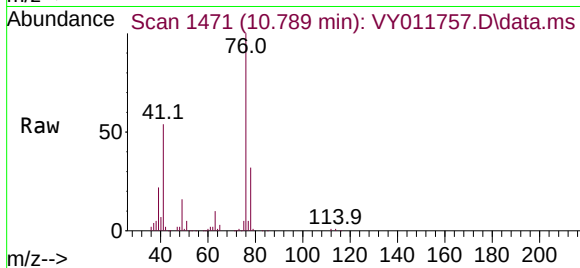
VSTDCCC050EC

Tgt Ion: 76 Resp: 147959

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 275.676 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY011757.D

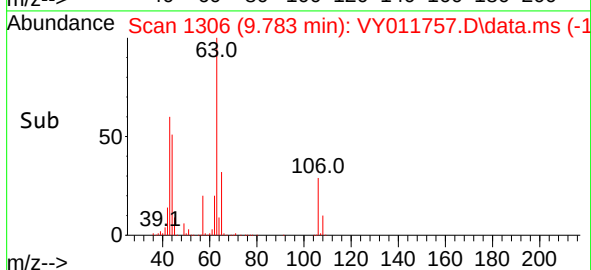
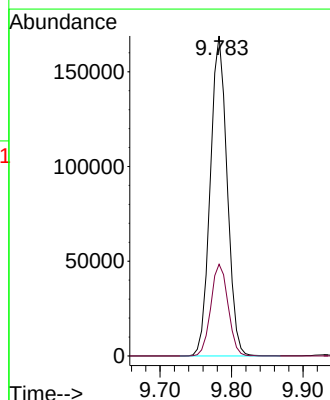
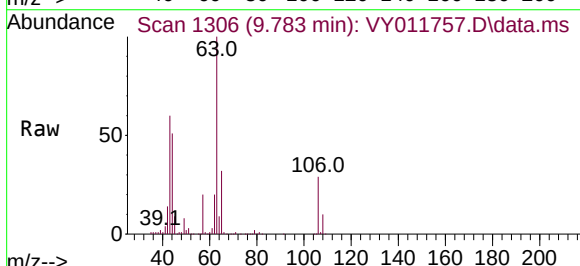
Acq: 09 Dec 2022 20:47

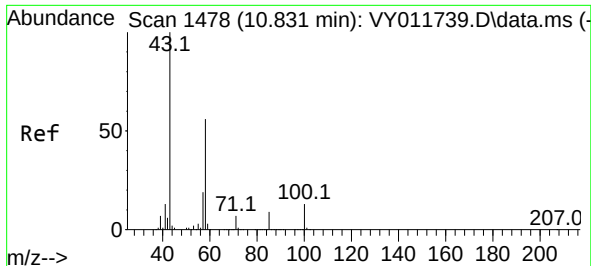
Tgt Ion: 63 Resp: 276161

Ion Ratio Lower Upper

63 100

106 29.2 23.2 34.8

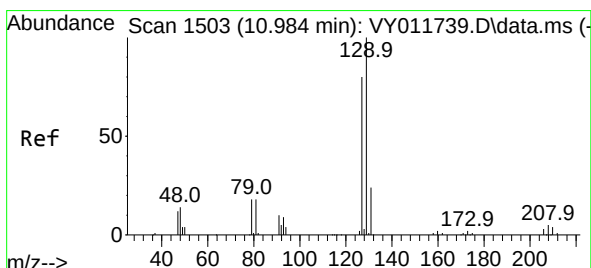
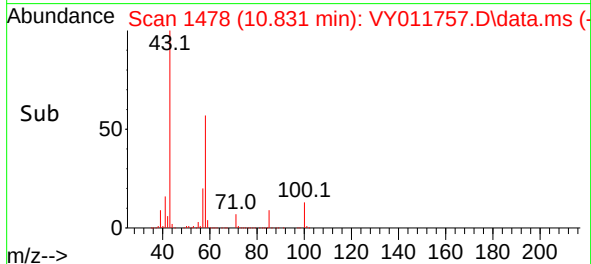
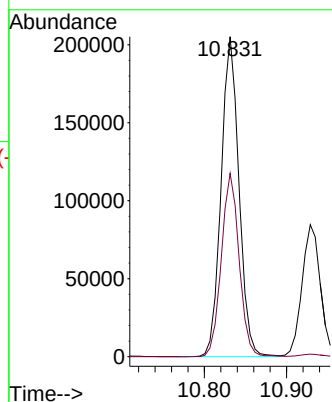
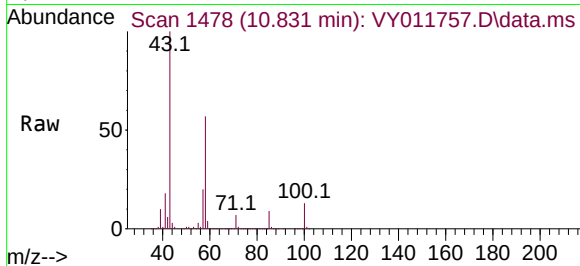




#59
2-Hexanone
Concen: 283.311 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

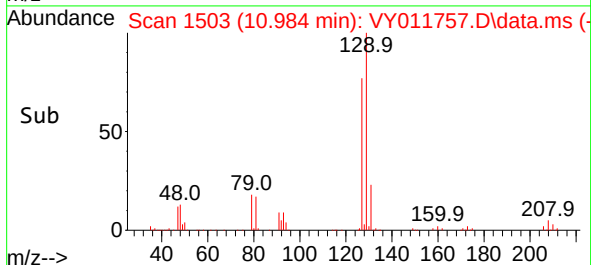
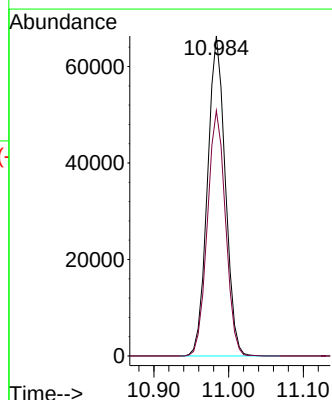
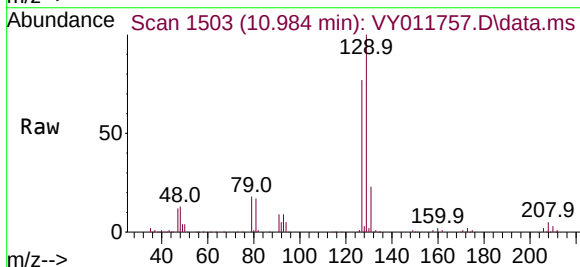
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

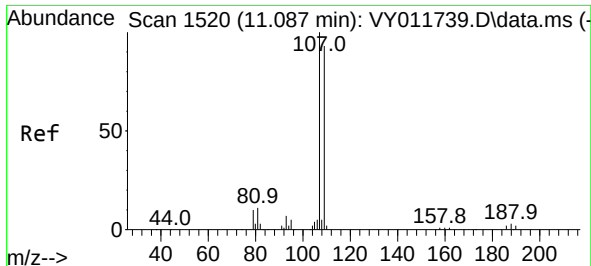
Tgt Ion: 43 Resp: 309327
Ion Ratio Lower Upper
43 100
58 57.0 28.4 85.2



#60
Dibromochloromethane
Concen: 52.279 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 129 Resp: 109581
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

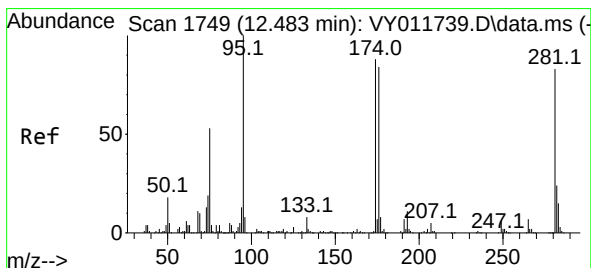
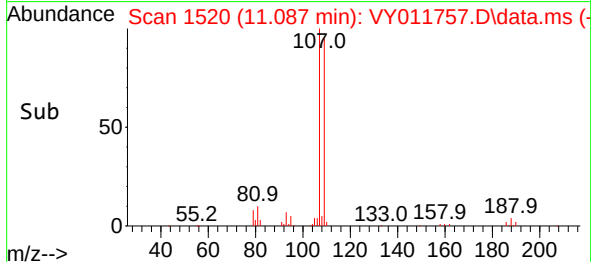
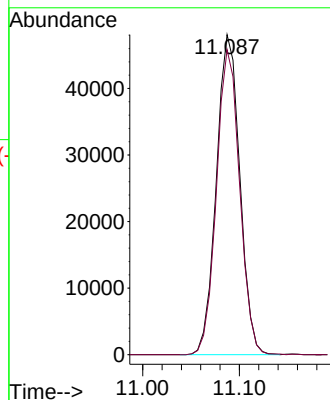
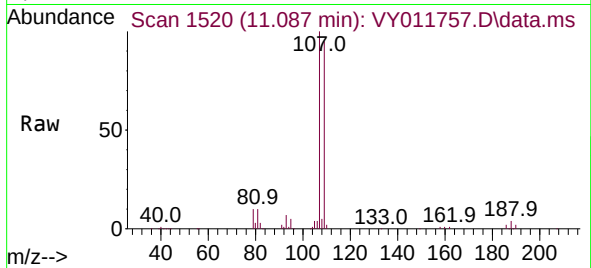




#61
1,2-Dibromoethane
Concen: 53.327 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

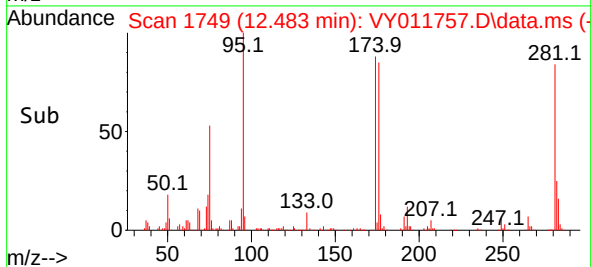
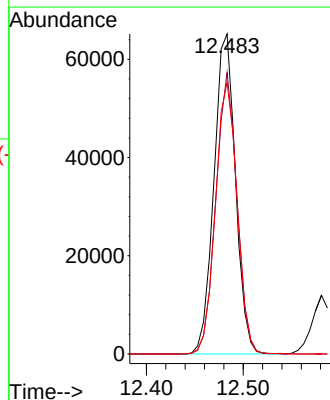
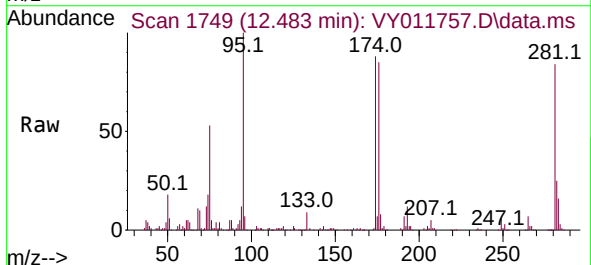
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

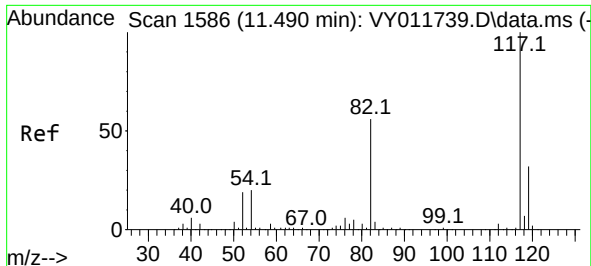
Tgt Ion:107 Resp: 80850
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.457 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 95 Resp: 100767
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.0
176 85.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

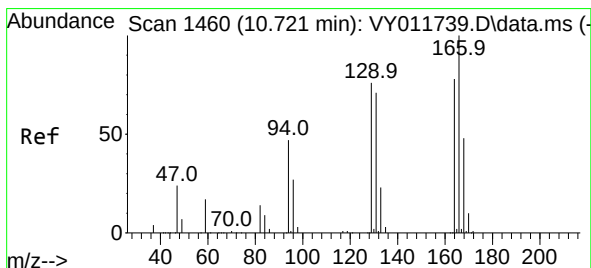
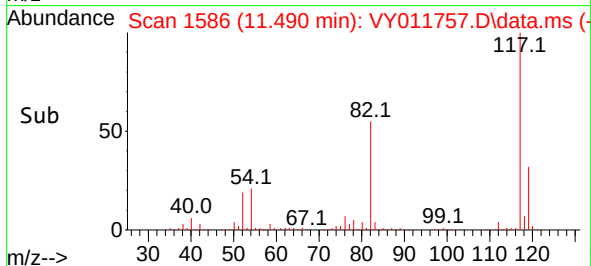
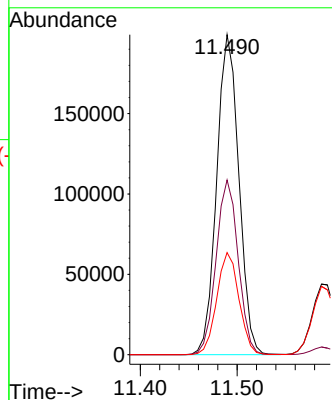
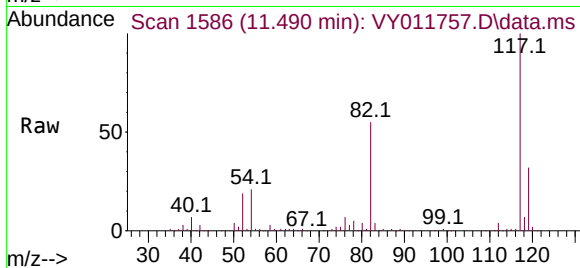
Tgt Ion:117 Resp: 316859

Ion Ratio Lower Upper

117 100

82 54.6 44.8 67.2

119 31.9 25.4 38.2



#64

Tetrachloroethene

Concen: 47.943 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Tgt Ion:164 Resp: 107480

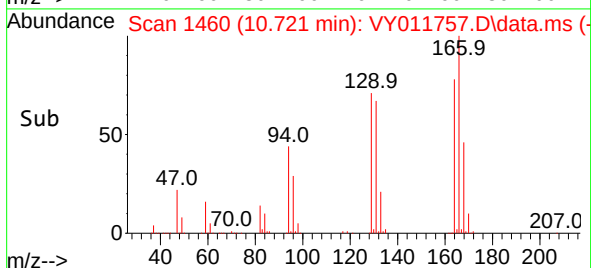
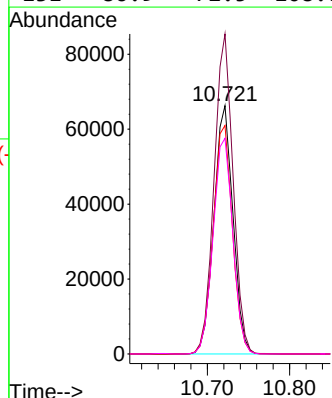
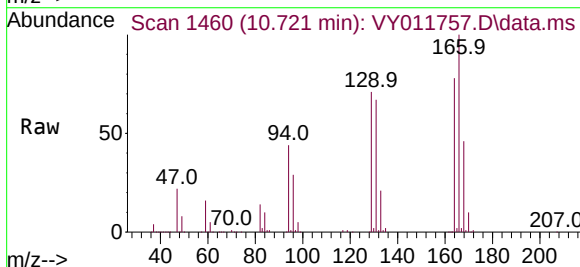
Ion Ratio Lower Upper

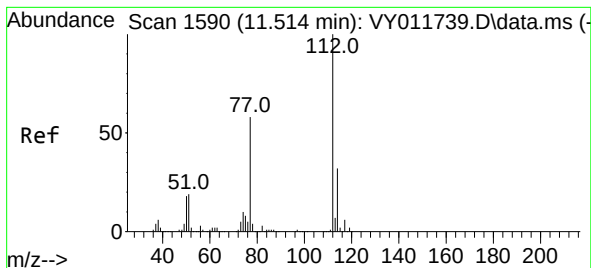
164 100

166 128.9 102.3 153.5

129 92.0 77.2 115.8

131 86.9 72.5 108.7





#65

Chlorobenzene

Concen: 48.105 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

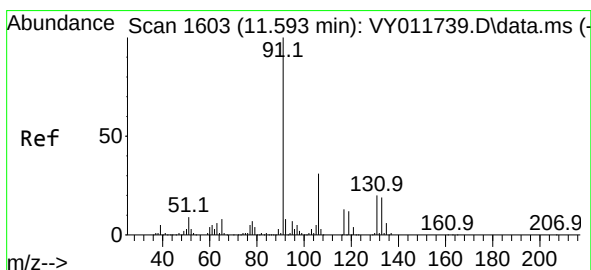
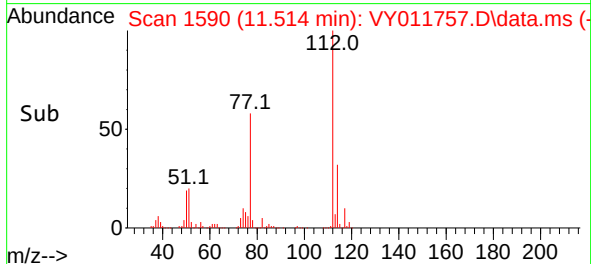
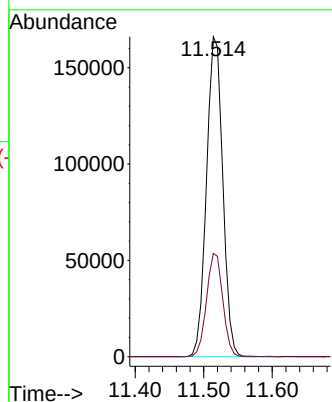
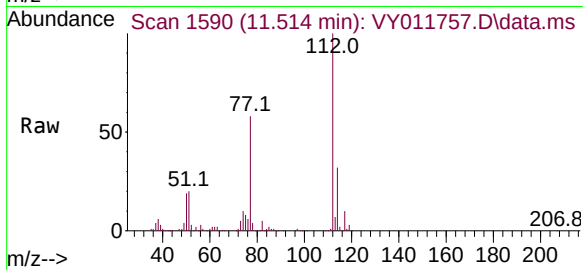
VSTDCCC050EC

Tgt Ion:112 Resp: 274642

Ion Ratio Lower Upper

112 100

114 32.2 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 50.088 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

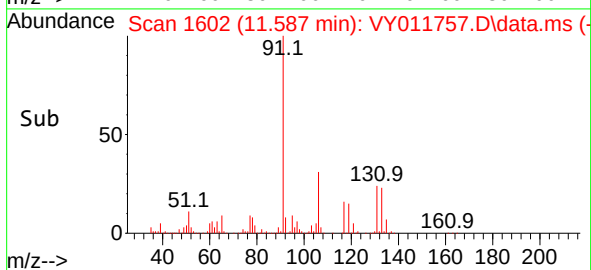
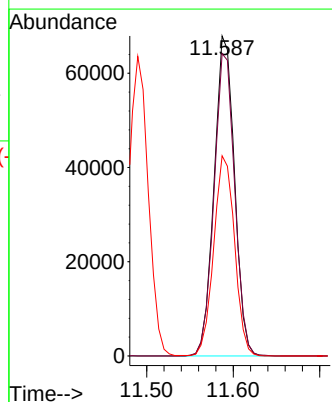
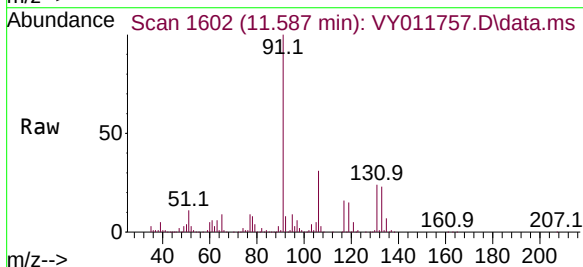
Tgt Ion:131 Resp: 110938

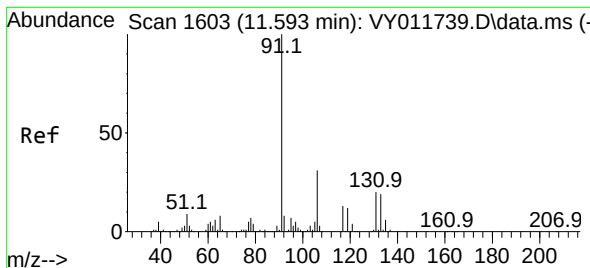
Ion Ratio Lower Upper

131 100

133 96.0 47.3 142.0

119 64.0 32.1 96.3





#67

Ethyl Benzene

Concen: 48.485 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

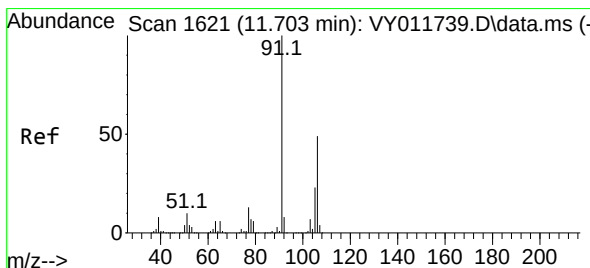
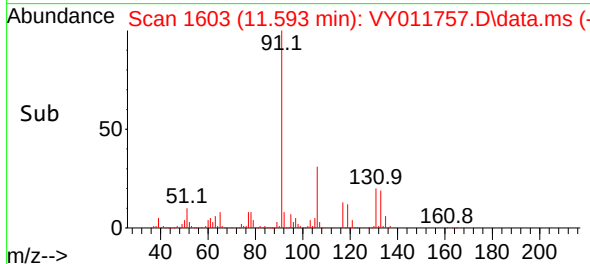
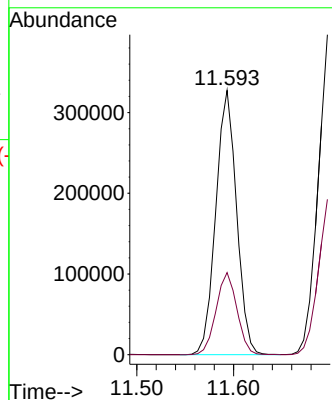
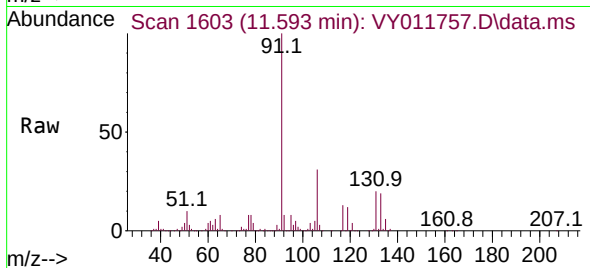
VSTDCCC050EC

Tgt Ion: 91 Resp: 487749

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 97.089 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY011757.D

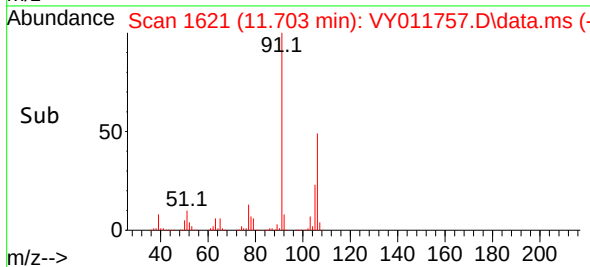
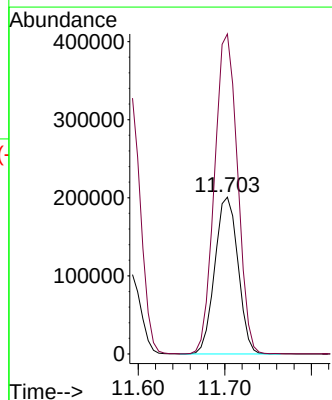
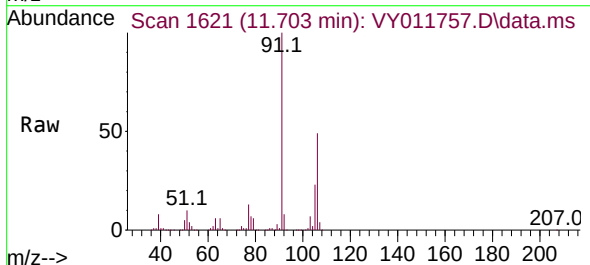
Acq: 09 Dec 2022 20:47

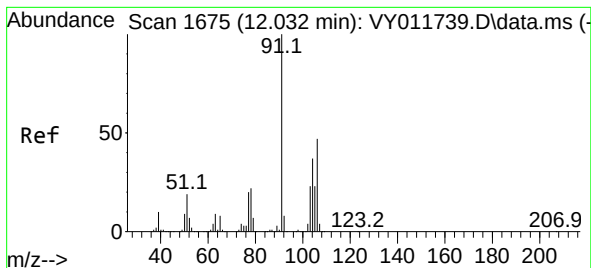
Tgt Ion: 106 Resp: 374041

Ion Ratio Lower Upper

106 100

91 202.6 162.5 243.7





#69

o-Xylene

Concen: 49.059 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

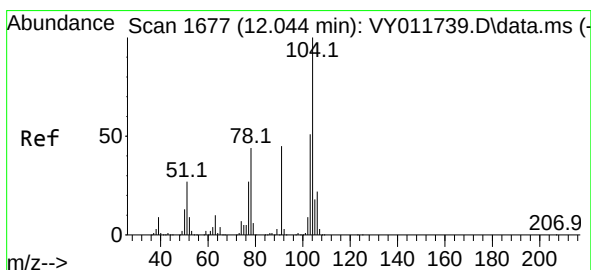
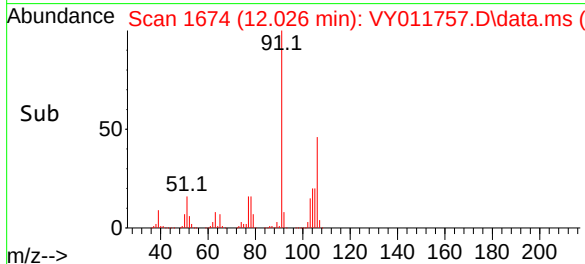
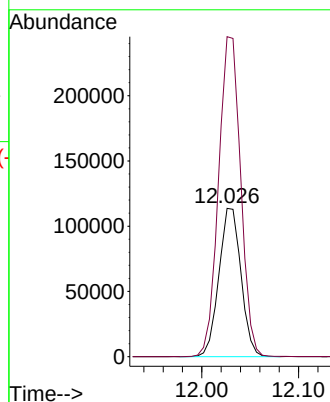
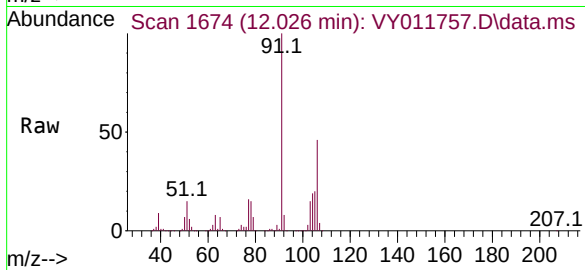
VSTDCCC050EC

Tgt Ion:106 Resp: 180152

Ion Ratio Lower Upper

106 100

91 216.2 107.5 322.4



#70

Styrene

Concen: 50.437 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

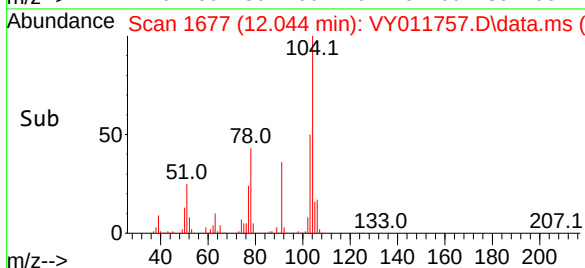
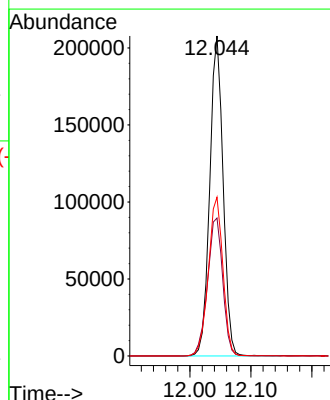
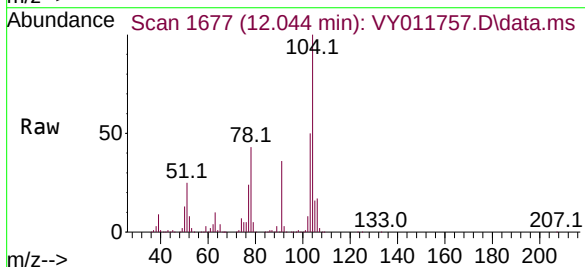
Tgt Ion:104 Resp: 316112

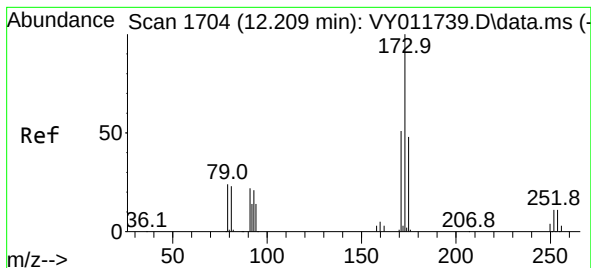
Ion Ratio Lower Upper

104 100

78 49.3 39.4 59.0

103 54.2 43.0 64.4





#71

Bromoform

Concen: 52.055 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

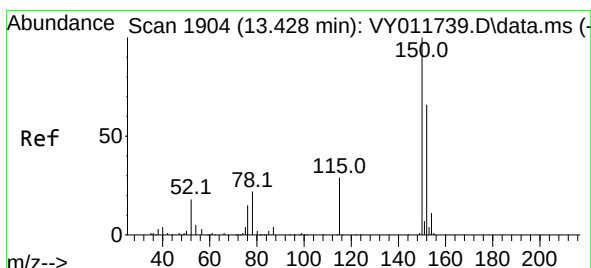
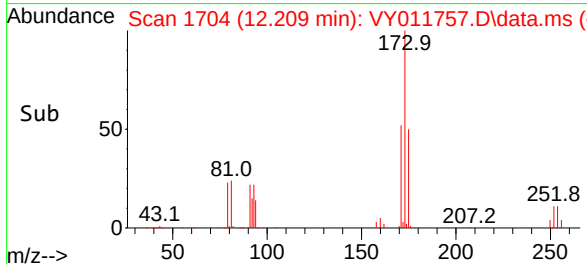
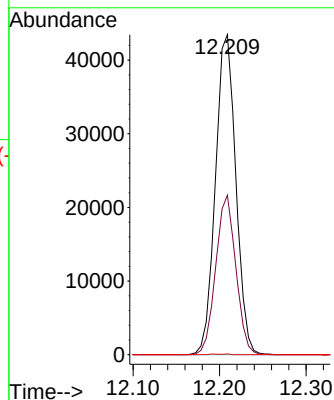
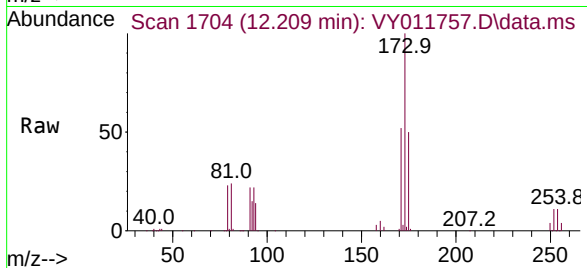
Tgt Ion:173 Resp: 71115

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.5

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

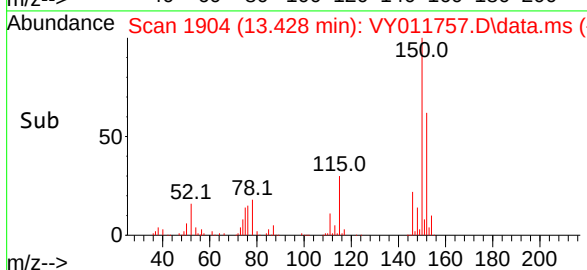
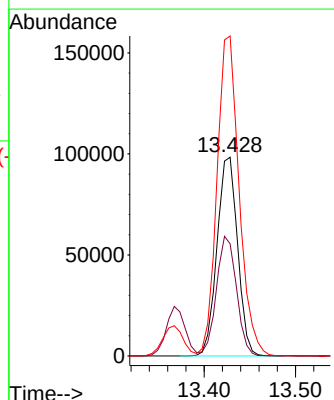
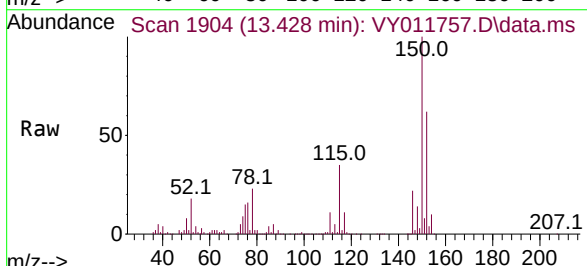
Tgt Ion:152 Resp: 154113

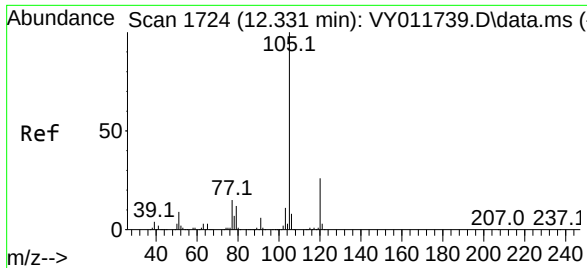
Ion Ratio Lower Upper

152 100

115 58.9 29.1 87.3

150 173.1 0.0 342.6

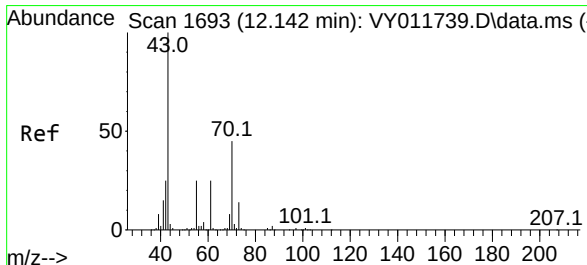
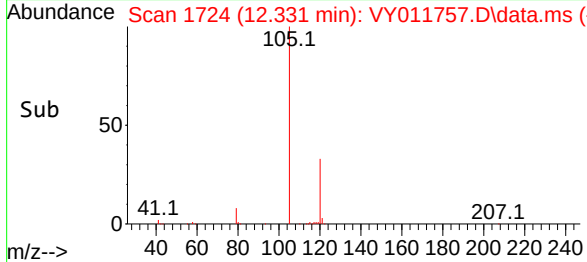
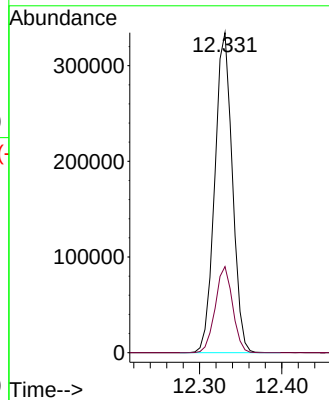
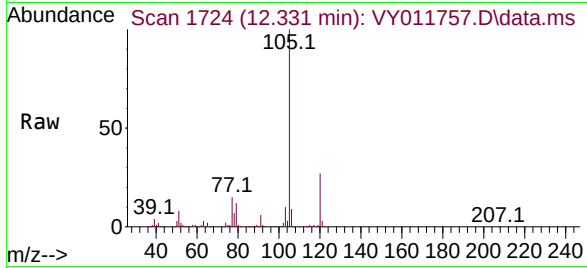




#73
Isopropylbenzene
Concen: 49.758 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

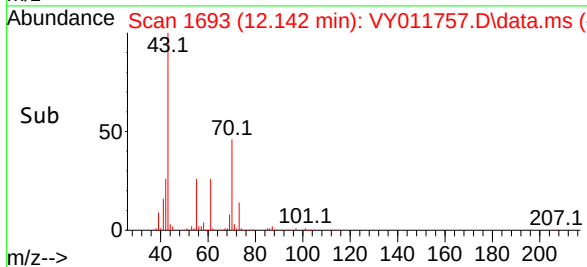
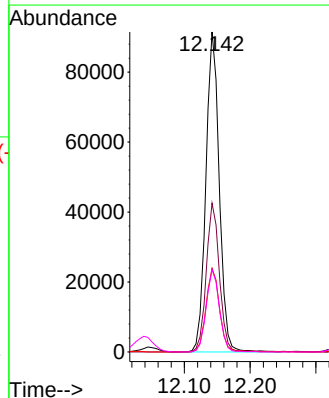
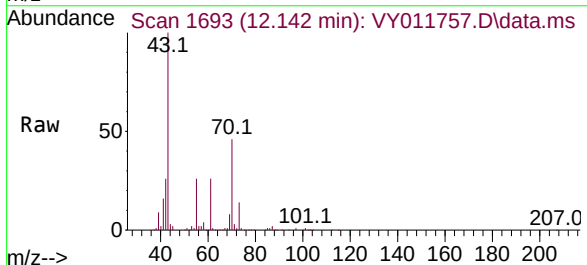
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

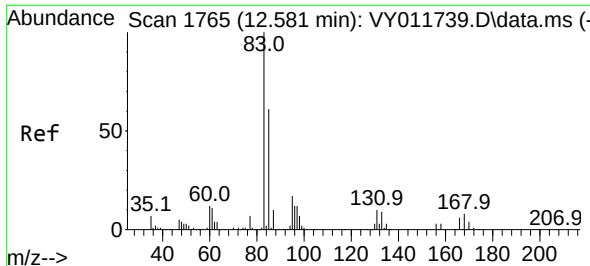
Tgt Ion:105 Resp: 496832
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 53.888 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 43 Resp: 129368
Ion Ratio Lower Upper
43 100
70 45.6 35.8 53.8
55 26.6 21.0 31.4
61 25.3 20.0 30.0

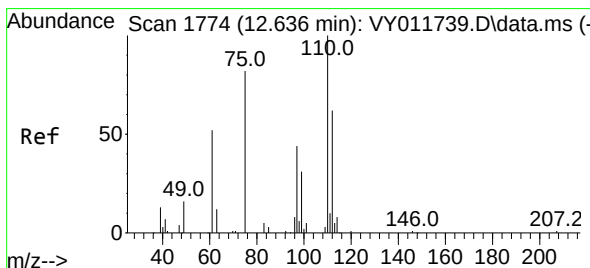
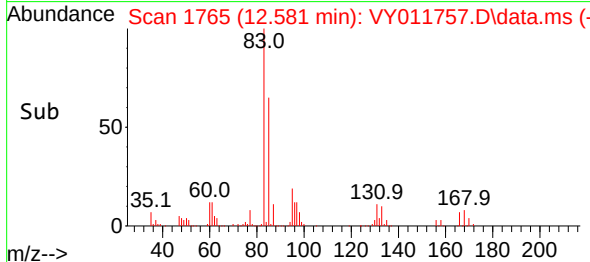
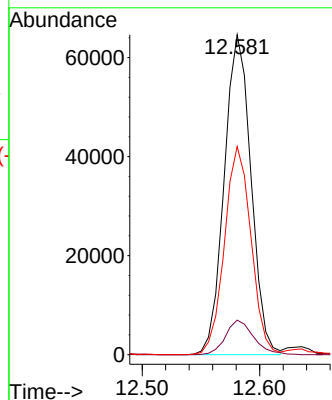
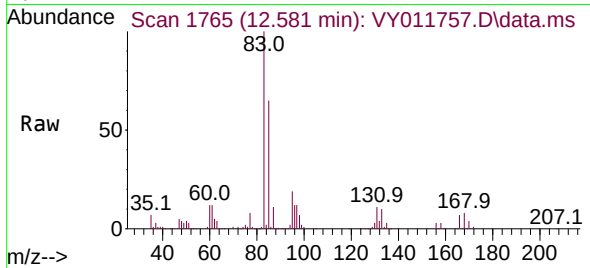




#75
1,1,2,2-Tetrachloroethane
Concen: 52.595 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

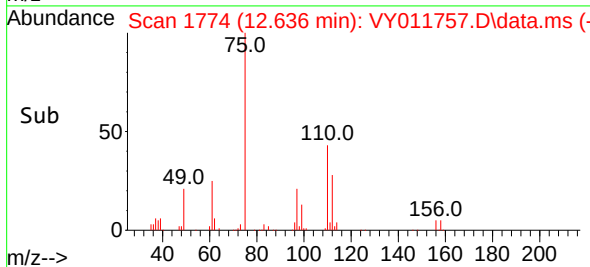
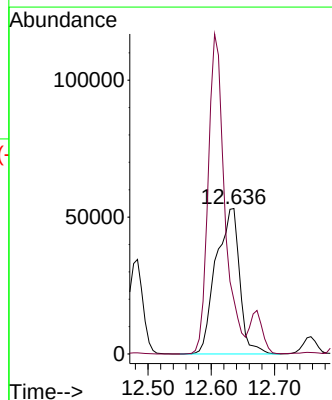
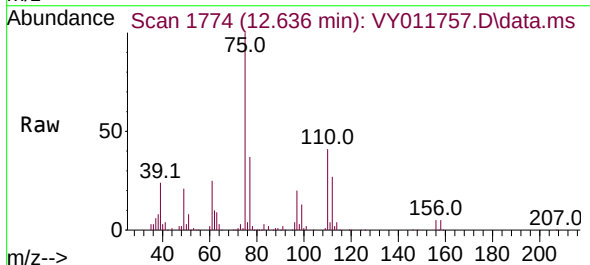
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

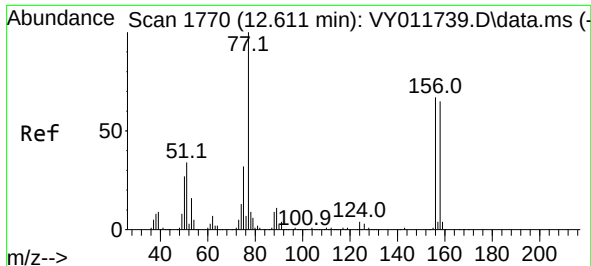
Tgt Ion: 83 Resp: 102276
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 64.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 88.634 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 75 Resp: 138200
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

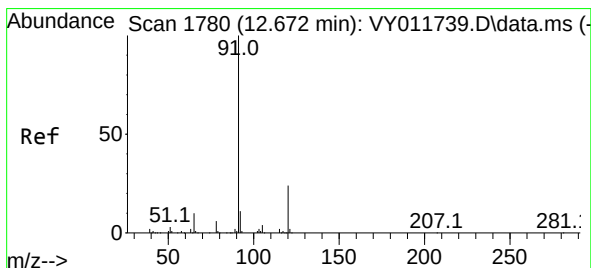
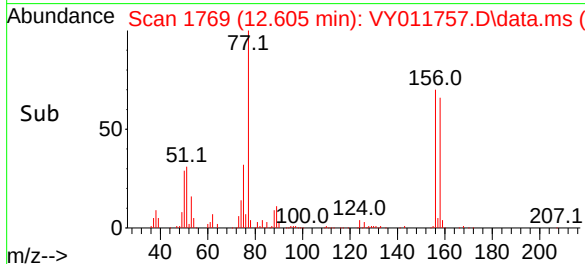
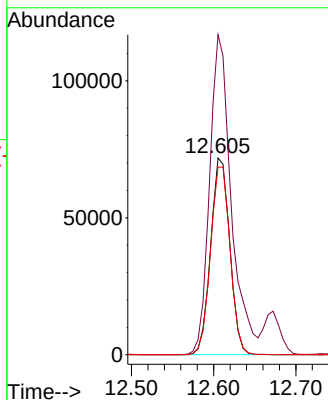
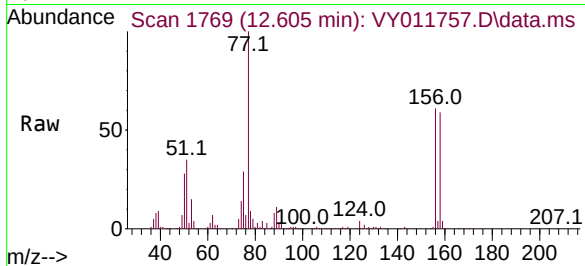




#77
Bromobenzene
Concen: 49.731 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

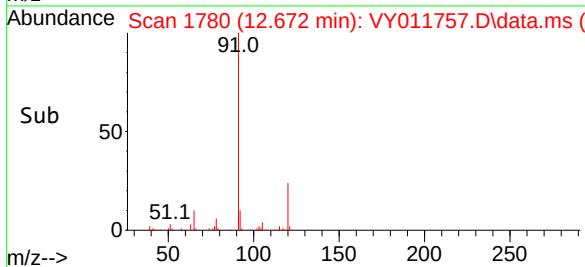
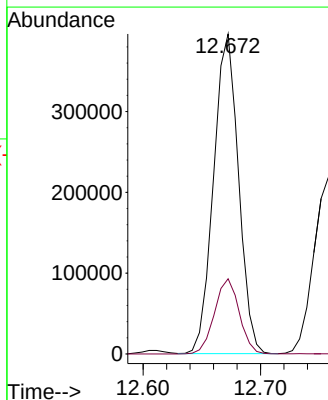
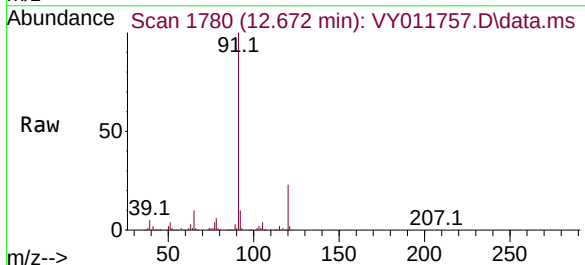
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

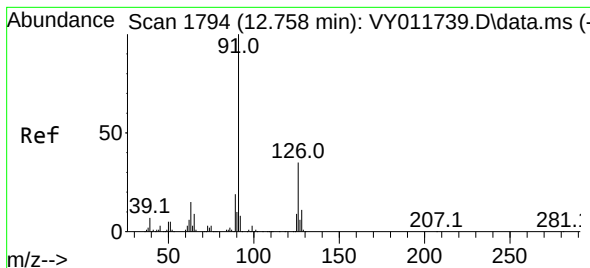
Tgt Ion:156 Resp: 115941
Ion Ratio Lower Upper
156 100
77 184.7 90.0 270.0
158 97.8 48.4 145.2



#78
n-propylbenzene
Concen: 48.775 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 91 Resp: 583638
Ion Ratio Lower Upper
91 100
120 23.3 11.8 35.4

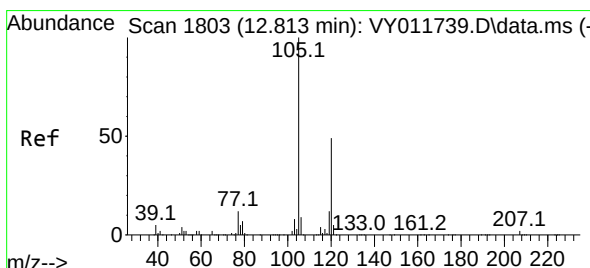
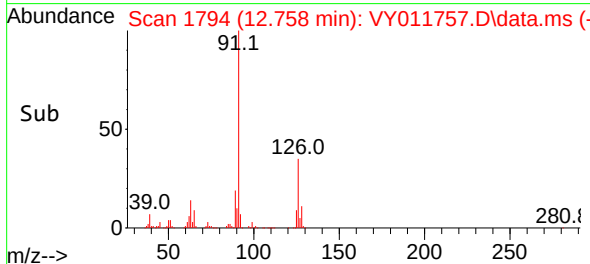
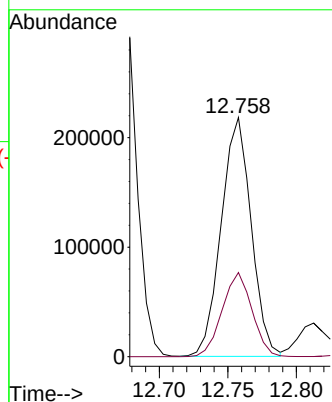
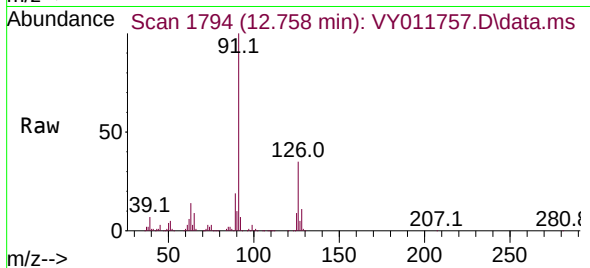




#79
2-Chlorotoluene
Concen: 48.644 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

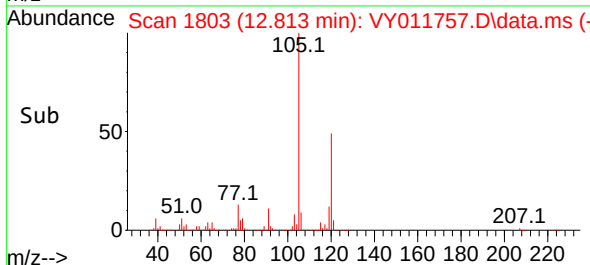
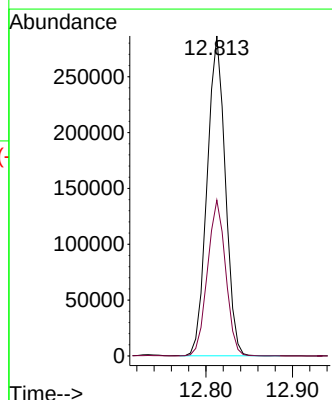
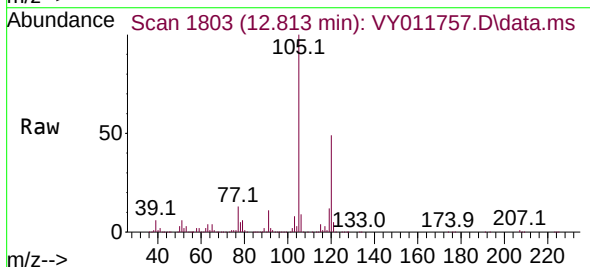
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

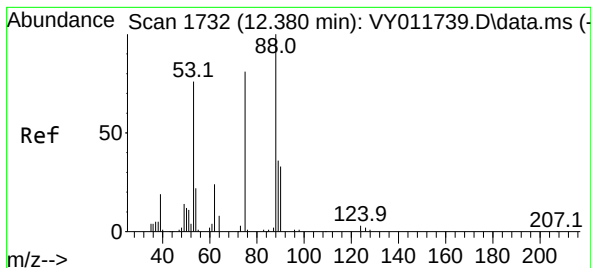
Tgt Ion: 91 Resp: 332195
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 49.449 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 105 Resp: 417341
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6

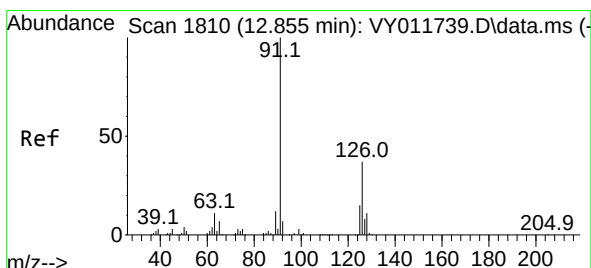
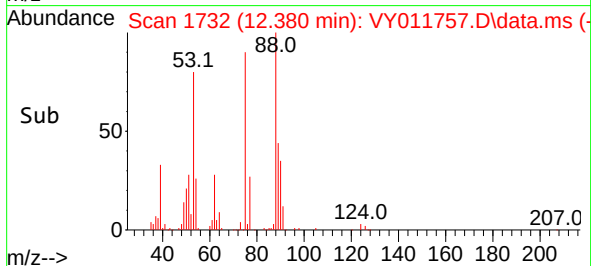
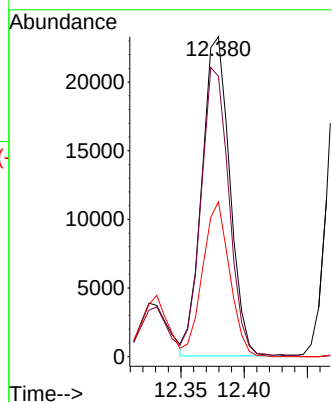
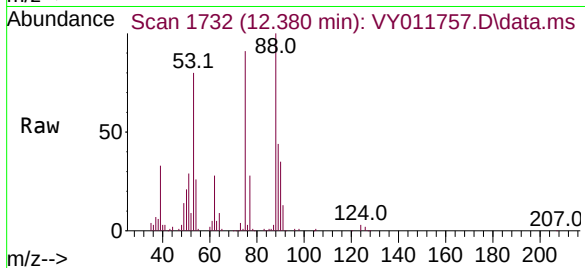




#81
trans-1,4-Dichloro-2-butene
Concen: 51.956 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

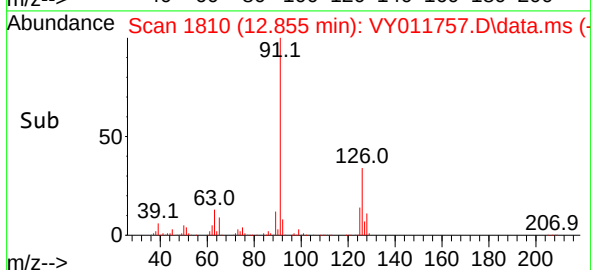
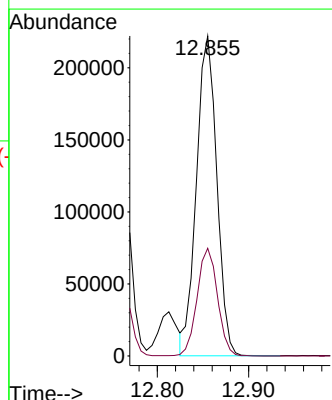
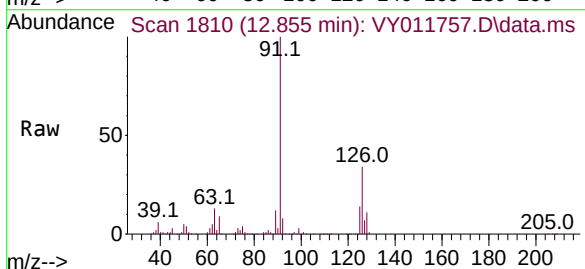
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

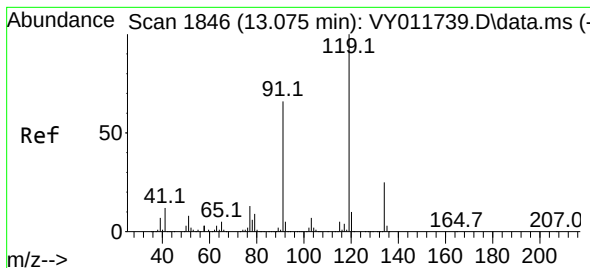
Tgt Ion: 75 Resp: 35700
Ion Ratio Lower Upper
75 100
53 90.9 72.5 108.7
89 47.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.511 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion: 91 Resp: 343617
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2

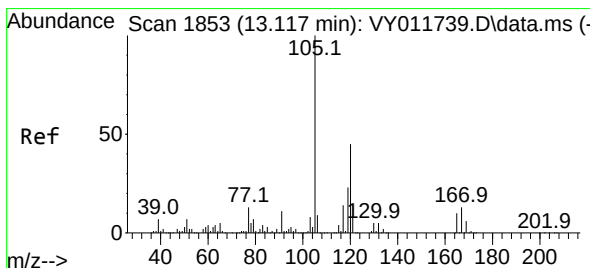
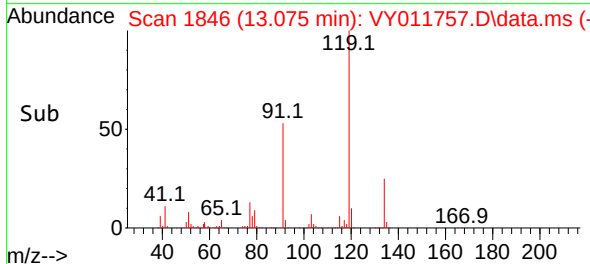
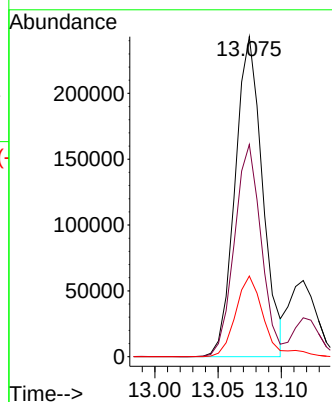
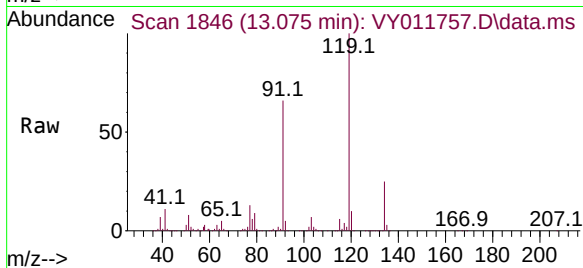




#83
tert-Butylbenzene
Concen: 50.076 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

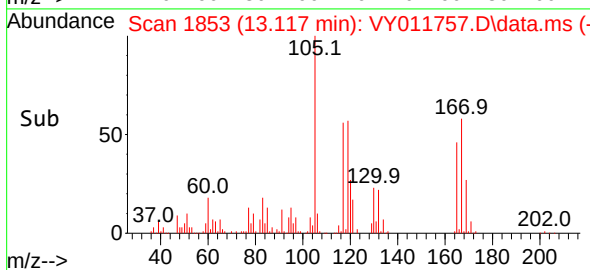
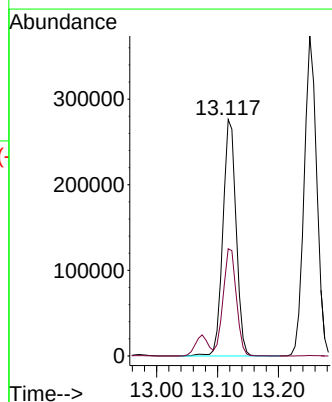
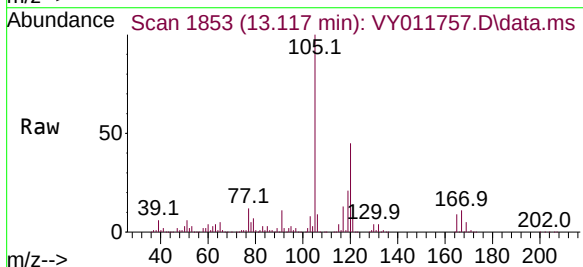
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

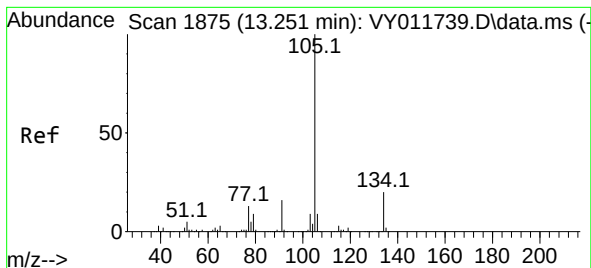
Tgt Ion:119 Resp: 368002
Ion Ratio Lower Upper
119 100
91 64.6 32.3 96.8
134 26.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 50.129 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion:105 Resp: 416564
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 48.962 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

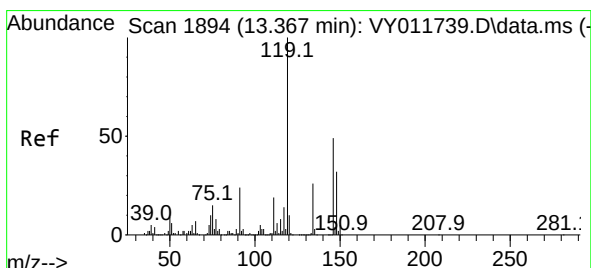
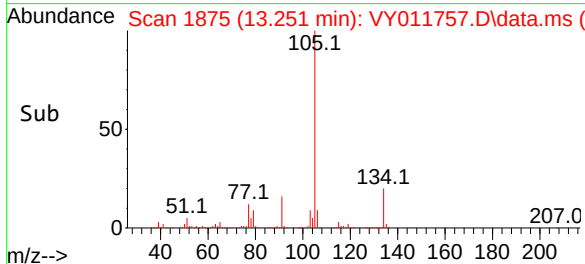
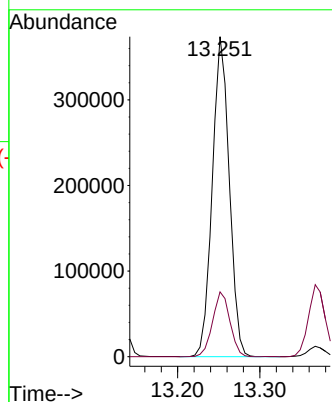
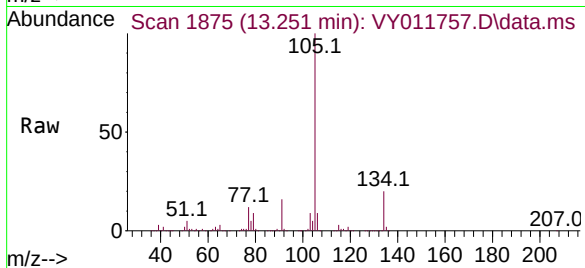
VSTDCCC050EC

Tgt Ion:105 Resp: 535864

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.3



#86

p-Isopropyltoluene

Concen: 49.192 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

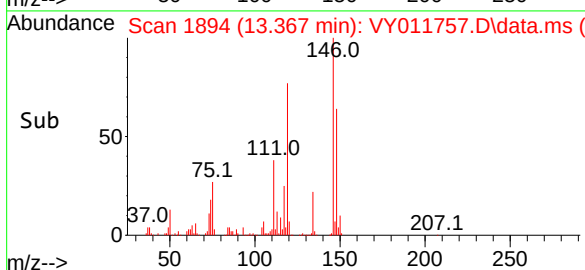
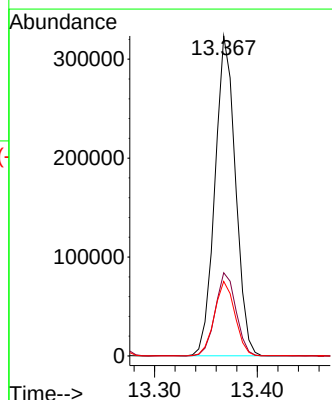
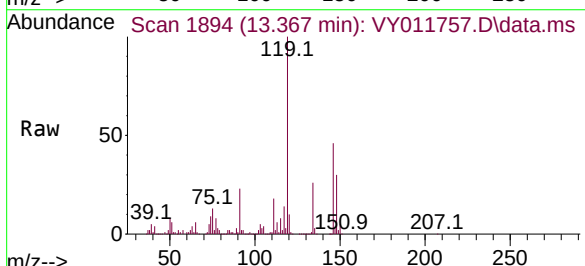
Tgt Ion:119 Resp: 448090

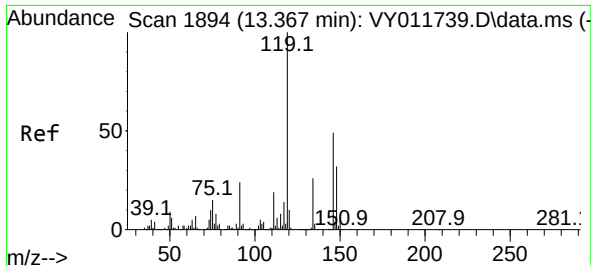
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 23.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 48.669 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

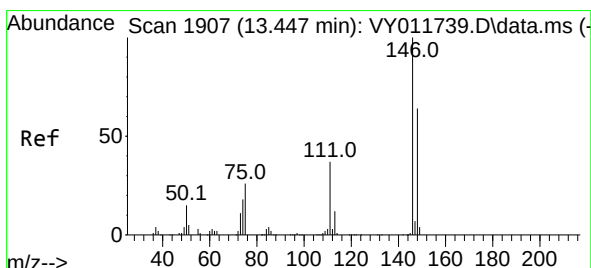
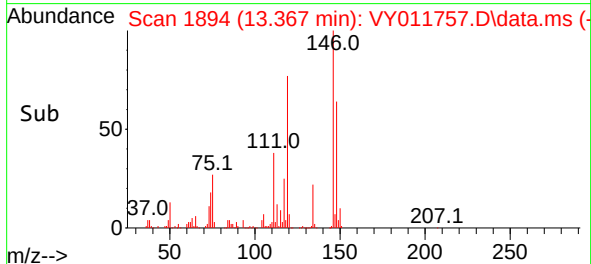
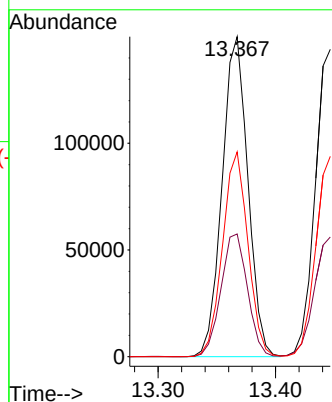
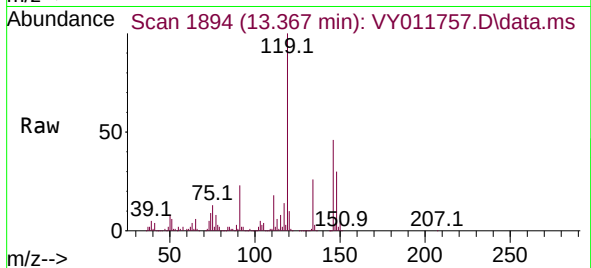
Tgt Ion:146 Resp: 228337

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 63.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.148 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

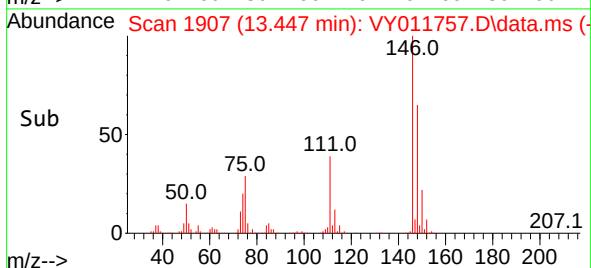
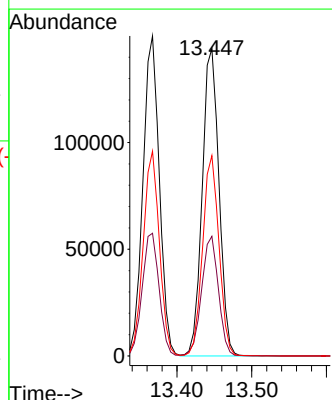
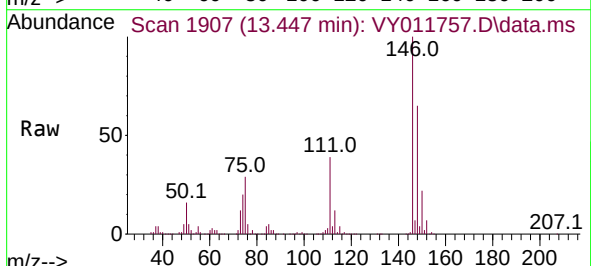
Tgt Ion:146 Resp: 224510

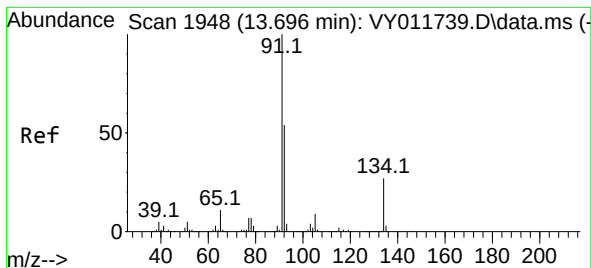
Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 63.7 31.9 95.7





#89

n-Butylbenzene

Concen: 48.475 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

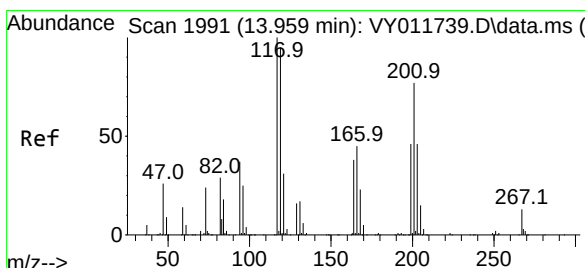
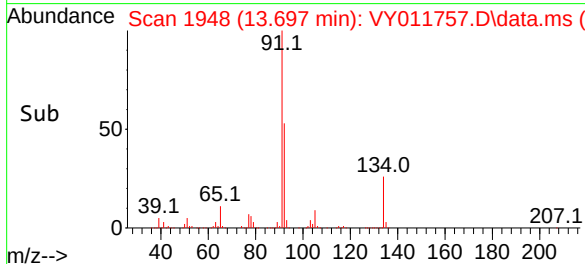
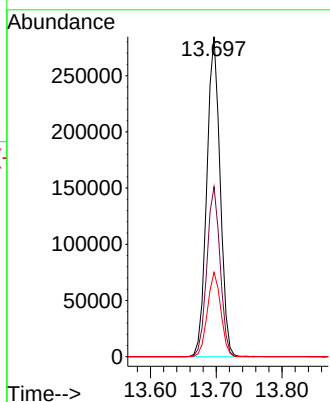
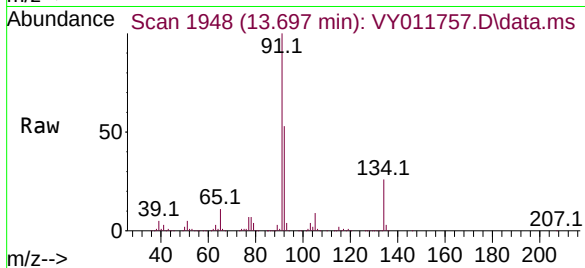
Tgt Ion: 91 Resp: 401408

Ion Ratio Lower Upper

91 100

92 52.7 26.8 80.4

134 26.4 13.3 39.8



#90

Hexachloroethane

Concen: 48.869 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY011757.D

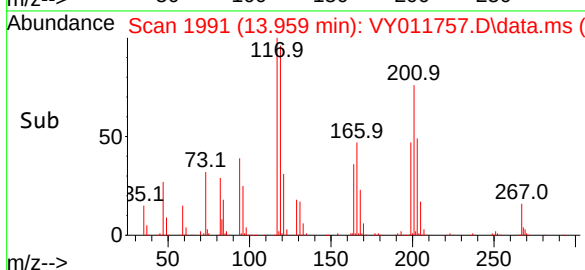
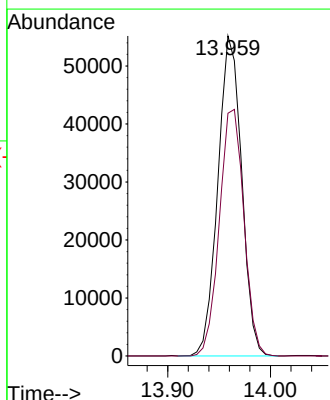
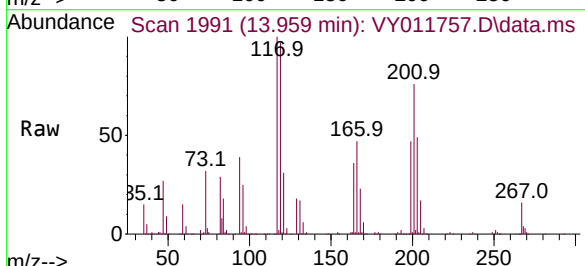
Acq: 09 Dec 2022 20:47

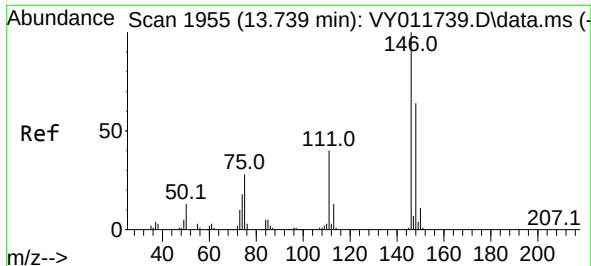
Tgt Ion: 117 Resp: 88456

Ion Ratio Lower Upper

117 100

201 79.5 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 49.359 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

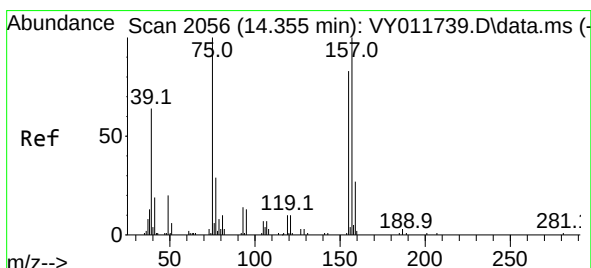
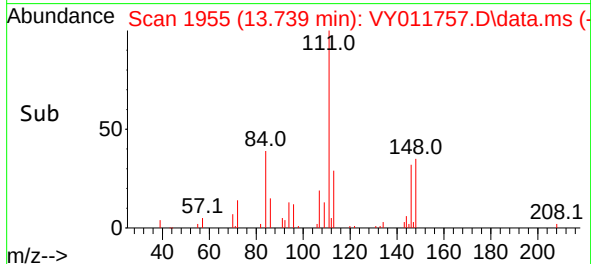
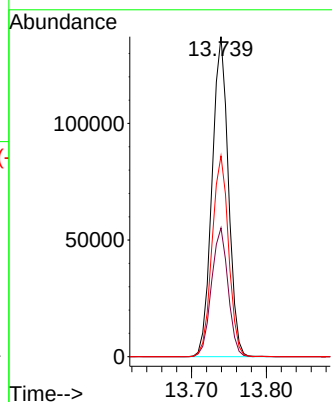
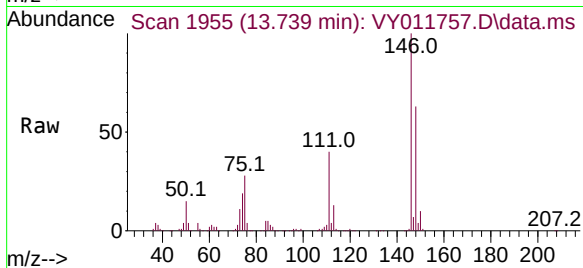
Tgt Ion:146 Resp: 208391

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.538 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

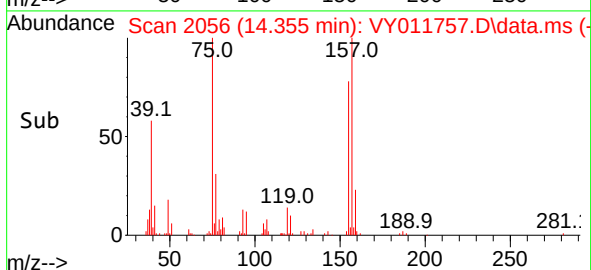
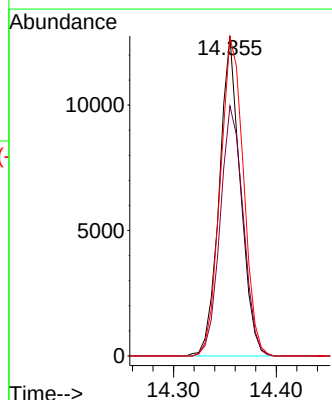
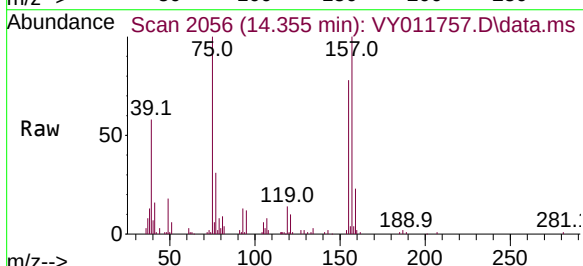
Tgt Ion: 75 Resp: 18151

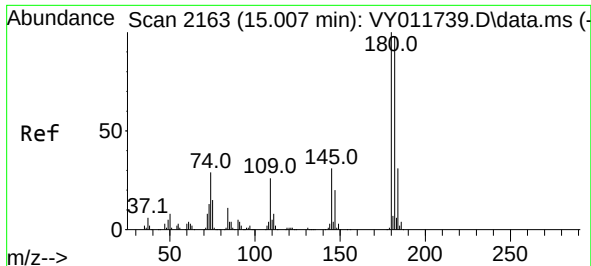
Ion Ratio Lower Upper

75 100

155 85.0 42.3 126.8

157 109.6 54.4 163.3

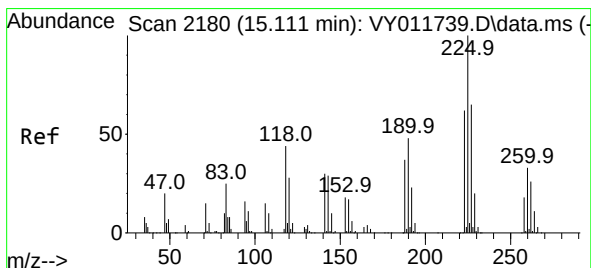
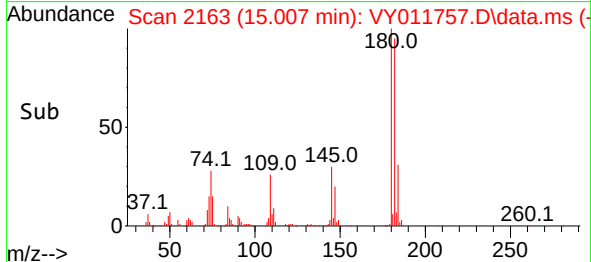
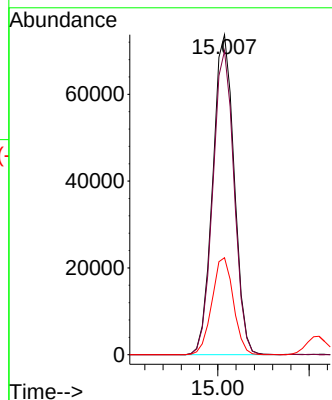
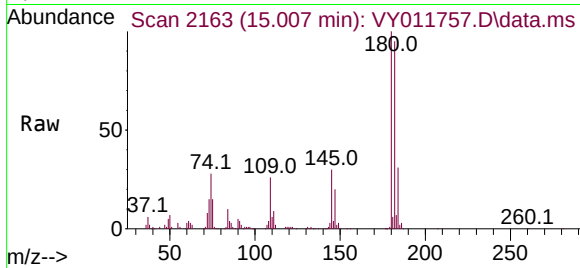




#93
1,2,4-Trichlorobenzene
Concen: 48.735 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

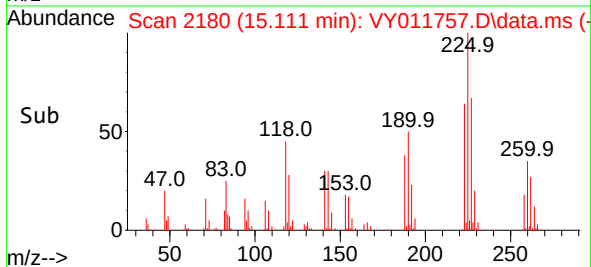
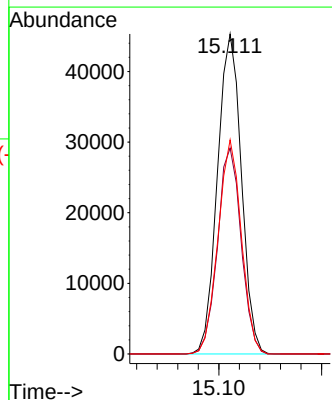
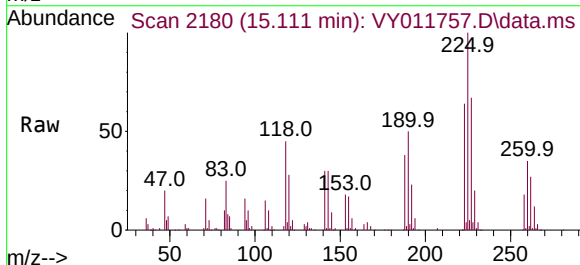
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

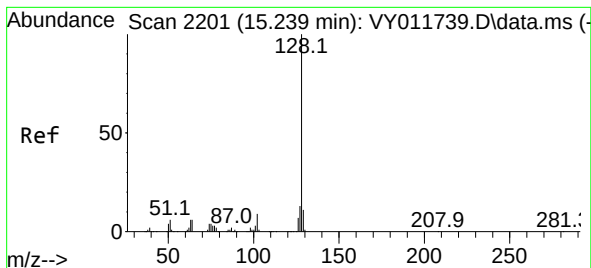
Tgt Ion:180 Resp: 120005
Ion Ratio Lower Upper
180 100
182 94.1 48.1 144.3
145 30.3 15.4 46.4



#94
Hexachlorobutadiene
Concen: 46.699 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY011757.D
Acq: 09 Dec 2022 20:47

Tgt Ion:225 Resp: 73062
Ion Ratio Lower Upper
225 100
223 63.5 31.4 94.2
227 65.3 32.6 97.8





#95

Naphthalene

Concen: 55.055 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

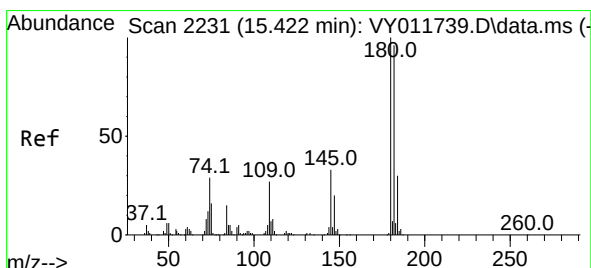
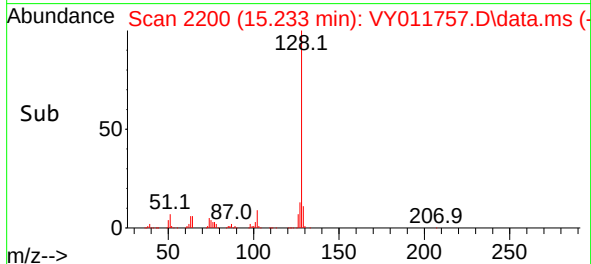
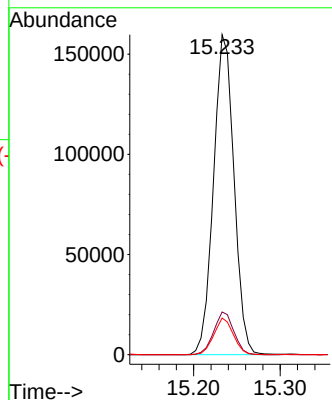
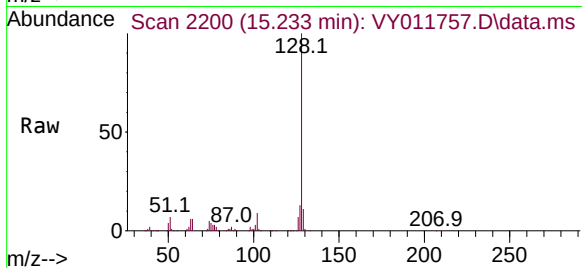
Tgt Ion:128 Resp: 262570

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.968 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY011757.D

Acq: 09 Dec 2022 20:47

Tgt Ion:180 Resp: 108407

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 32.5 16.1 48.2

