

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011403.D
 Acq On : 10 Nov 2022 20:02
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 10 22:18:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	272987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	424536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	390373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109631	47.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.860%
35) Dibromofluoromethane	7.716	113	116735	49.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.120%
50) Toluene-d8	10.179	98	428730	47.169	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.340%
62) 4-Bromofluorobenzene	12.477	95	157782	49.770	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	75857	46.242	ug/l	96
3) Chloromethane	2.113	50	98114	44.719	ug/l	97
4) Vinyl Chloride	2.247	62	115703	44.737	ug/l	98
5) Bromomethane	2.643	94	85137	45.459	ug/l	93
6) Chloroethane	2.790	64	80418	46.827	ug/l	99
7) Trichlorofluoromethane	3.119	101	192346	47.136	ug/l	93
8) Diethyl Ether	3.527	74	69543	48.532	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	120191	48.583	ug/l	95
10) Methyl Iodide	4.088	142	153407	46.493	ug/l	91
11) Tert butyl alcohol	4.948	59	67311	237.912	ug/l	99
12) 1,1-Dichloroethene	3.863	96	114678	46.817	ug/l #	77
13) Acrolein	3.722	56	14381	206.952	ug/l	99
14) Allyl chloride	4.472	41	160134	48.443	ug/l #	83
15) Acrylonitrile	5.155	53	174190	254.407	ug/l	96
16) Acetone	3.942	43	120486	199.599	ug/l #	78
17) Carbon Disulfide	4.186	76	337611	46.274	ug/l	99
18) Methyl Acetate	4.472	43	78946	47.084	ug/l #	84
19) Methyl tert-butyl Ether	5.216	73	321087	50.121	ug/l	97
20) Methylene Chloride	4.710	84	166947	51.033	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	136064	48.719	ug/l	83
22) Diisopropyl ether	6.112	45	363594	51.538	ug/l #	91
23) Vinyl Acetate	6.051	43	1102885	267.222	ug/l #	88
24) 1,1-Dichloroethane	6.009	63	230556	50.186	ug/l	98
25) 2-Butanone	6.978	43	200357	233.016	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	201077	46.801	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	157309	50.049	ug/l	83
28) Bromochloromethane	7.325	49	89439	53.608	ug/l #	72
29) Tetrahydrofuran	7.344	42	135082	259.350	ug/l #	78
30) Chloroform	7.502	83	247246	50.886	ug/l	99
31) Cyclohexane	7.783	56	193800	47.147	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	217457	49.484	ug/l	95
36) 1,1-Dichloropropene	7.911	75	184189	49.880	ug/l	97
37) Ethyl Acetate	7.063	43	92621	52.215	ug/l #	90
38) Carbon Tetrachloride	7.899	117	201880	50.260	ug/l	99
39) Methylcyclohexane	9.179	83	223820	49.605	ug/l	88
40) Benzene	8.155	78	550036	49.880	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	122465	133.327	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	148530	51.398	ug/l	89
43) Isopropyl Acetate	8.270	43	161328	50.415	ug/l #	83
44) Trichloroethene	8.935	130	153770	49.641	ug/l	100
45) 1,2-Dichloropropane	9.215	63	135398	51.591	ug/l	95
46) Dibromomethane	9.301	93	78552	51.408	ug/l	96
47) Bromodichloromethane	9.490	83	189187	51.676	ug/l	99
48) Methyl methacrylate	9.289	41	76051	52.885	ug/l #	74
49) 1,4-Dioxane	9.295	88	22939	1099.627	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	458144	266.240	ug/l #	83
52) Toluene	10.240	92	355081	50.426	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	192775	51.068	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	219014	50.269	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	115172	52.049	ug/l	98
56) Ethyl methacrylate	10.508	69	152150	53.471	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	191196	51.796	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	355132	269.997	ug/l	93
59) 2-Hexanone	10.831	43	318674	261.412	ug/l	80
60) Dibromochloromethane	10.983	129	142630	52.220	ug/l	99
61) 1,2-Dibromoethane	11.087	107	109602	51.515	ug/l	100
64) Tetrachloroethene	10.715	164	154328	49.458	ug/l	97
65) Chlorobenzene	11.514	112	383638	49.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	146468	50.104	ug/l	98
67) Ethyl Benzene	11.587	91	685673	50.223	ug/l	99
68) m/p-Xylenes	11.703	106	538624	100.630	ug/l	93
69) o-Xylene	12.026	106	255369	50.585	ug/l	92
70) Styrene	12.044	104	441824	52.063	ug/l	94
71) Bromoform	12.203	173	93241	51.459	ug/l #	98
73) Isopropylbenzene	12.325	105	670835	48.908	ug/l	100
74) N-amyl acetate	12.142	43	147185	51.004	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	130341	49.459	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	171666	74.731	ug/l #	100
77) Bromobenzene	12.605	156	162610	49.576	ug/l	92
78) n-propylbenzene	12.666	91	808837	49.421	ug/l	98
79) 2-Chlorotoluene	12.751	91	455927	48.711	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	572911	49.522	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	45580	47.695	ug/l #	81
82) 4-Chlorotoluene	12.849	91	472435	48.622	ug/l	98
83) tert-Butylbenzene	13.074	119	497959	49.784	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	567152	49.944	ug/l	99
85) sec-Butylbenzene	13.251	105	727847	49.434	ug/l	99
86) p-Isopropyltoluene	13.367	119	616787	49.976	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	317605	48.507	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	316018	48.806	ug/l	99
89) n-Butylbenzene	13.696	91	549767	49.575	ug/l	98
90) Hexachloroethane	13.958	117	117796	48.783	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	287974	49.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21182	49.331	ug/l	76
93) 1,2,4-Trichlorobenzene	15.001	180	171109	49.972	ug/l	99
94) Hexachlorobutadiene	15.111	225	99666	49.269	ug/l	98
95) Naphthalene	15.233	128	351761	47.058	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	150795	50.998	ug/l	99

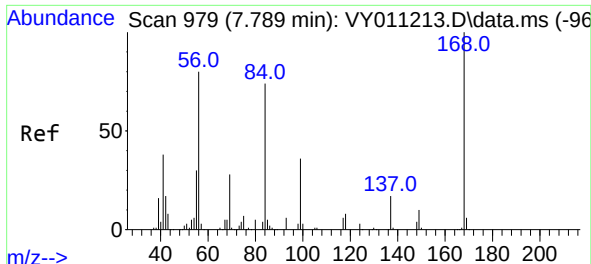
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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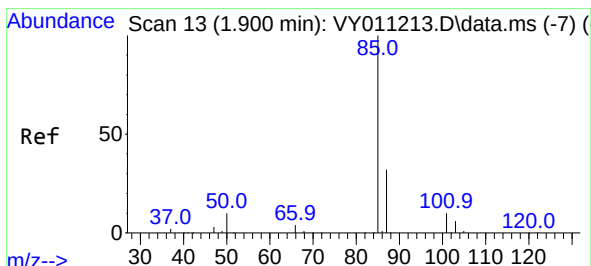
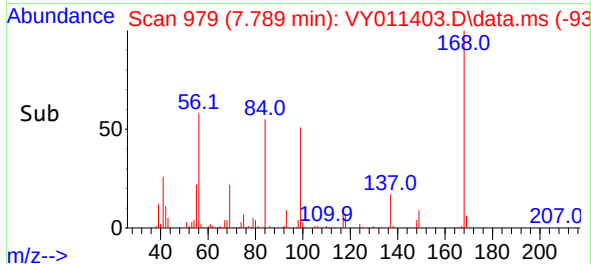
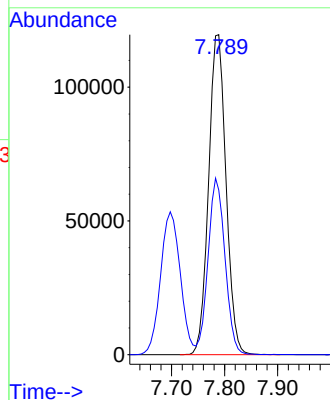
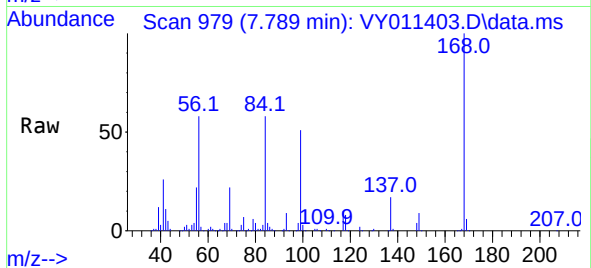
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

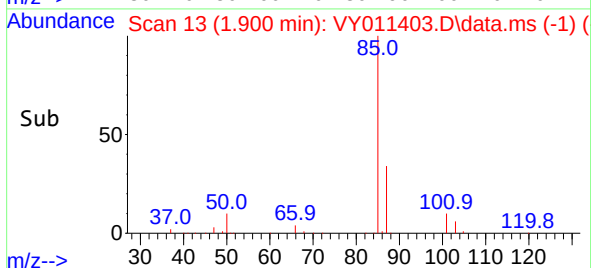
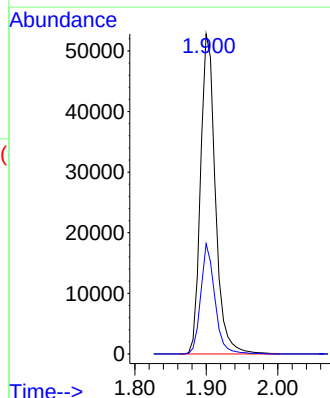
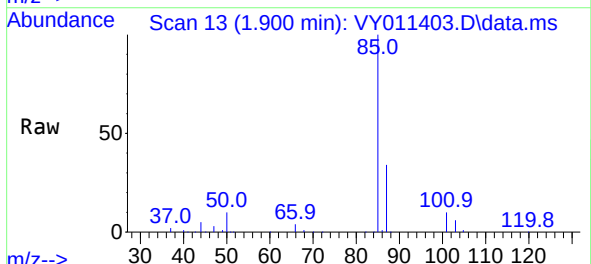
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 272987
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3

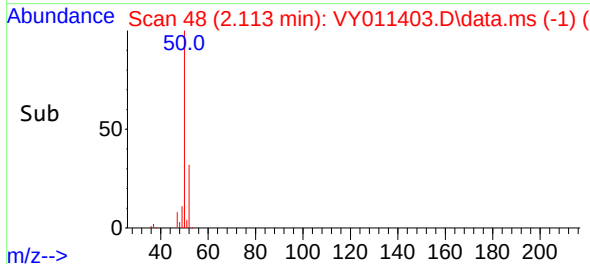
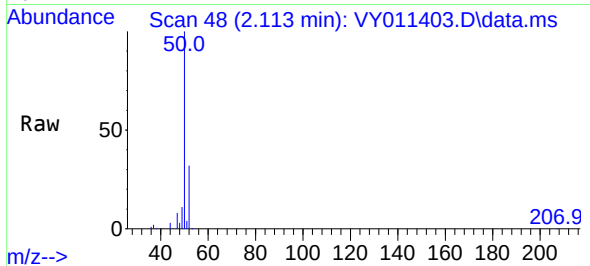
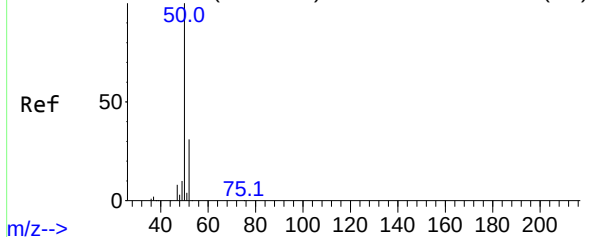


#2
Dichlorodifluoromethane
Concen: 46.242 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 85 Resp: 75857
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2



Abundance Scan 47 (2.107 min): VY011213.D\data.ms (-41)



#3

Chloromethane

Concen: 44.719 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_Y

ClientSampleId :

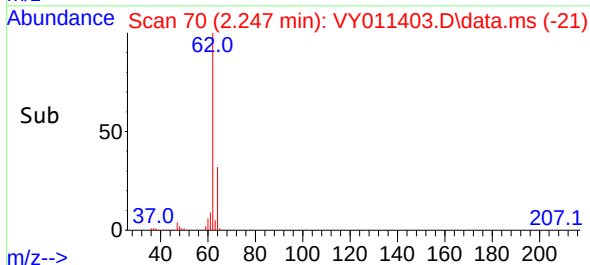
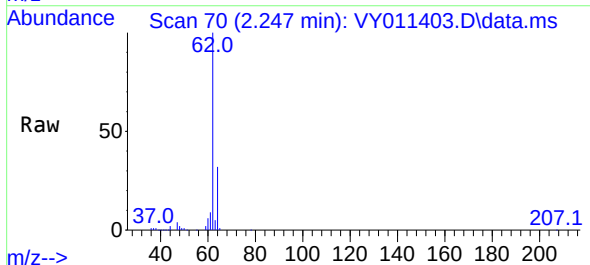
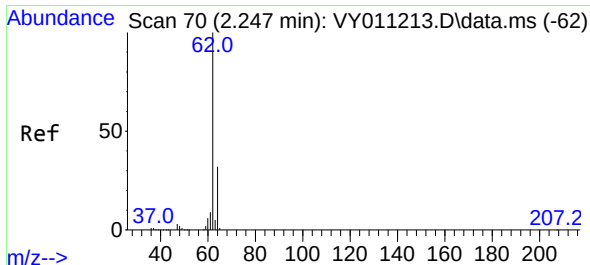
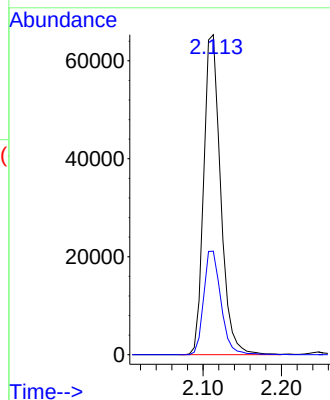
VSTDCCC050EC

Tgt Ion: 50 Resp: 98114

Ion Ratio Lower Upper

50 100

52 32.4 24.6 37.0



#4

Vinyl Chloride

Concen: 44.737 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY011403.D

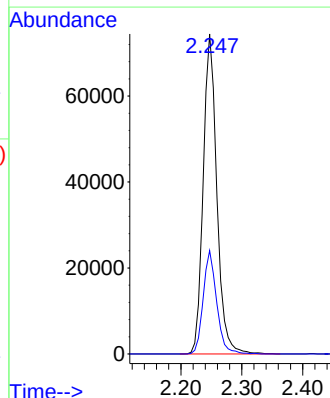
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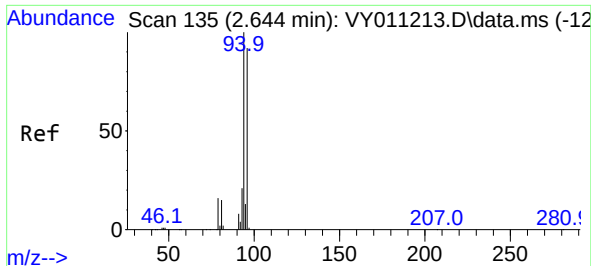
Tgt Ion: 62 Resp: 115703

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.6

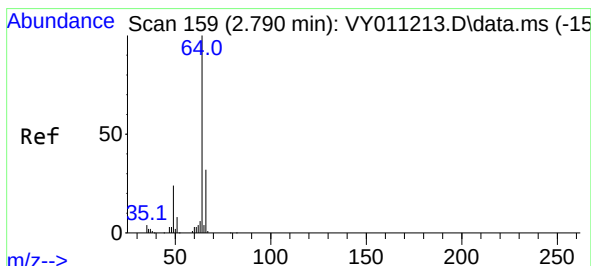
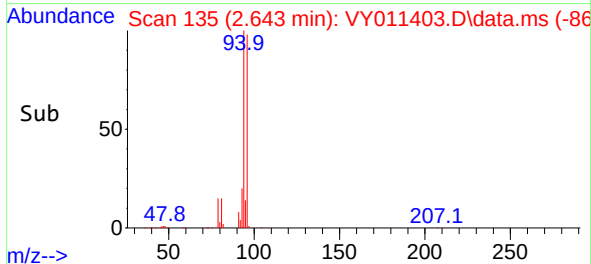
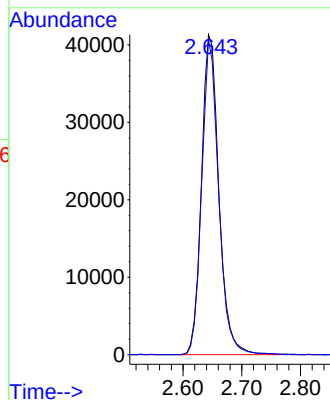
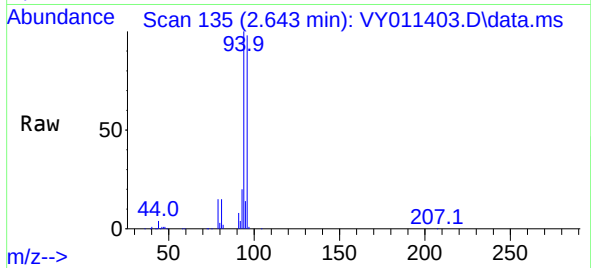




#5
Bromomethane
Concen: 45.459 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

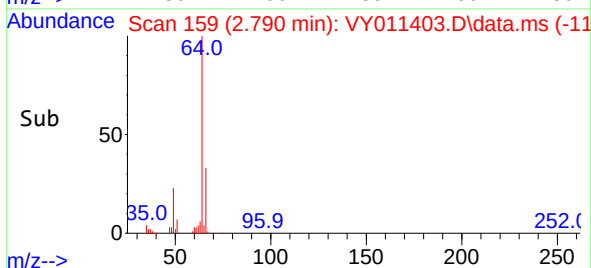
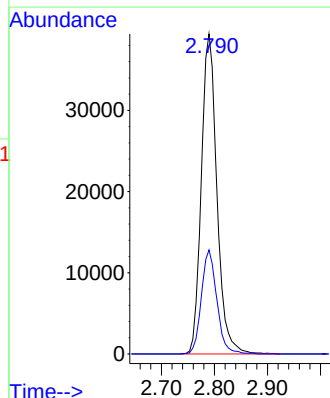
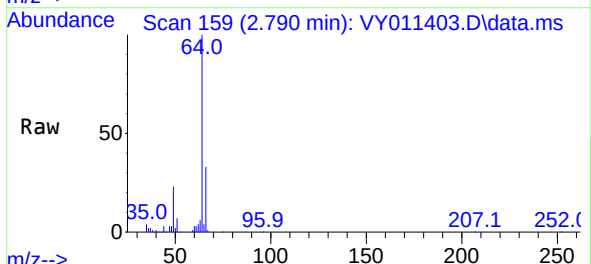
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VSTDCCC050EC

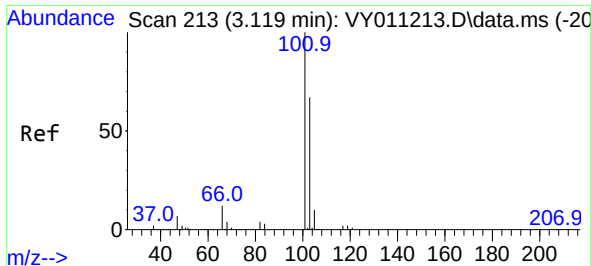
Tgt Ion: 94 Resp: 85137
Ion Ratio Lower Upper
94 100
96 98.4 73.5 110.3



#6
Chloroethane
Concen: 46.827 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 64 Resp: 80418
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

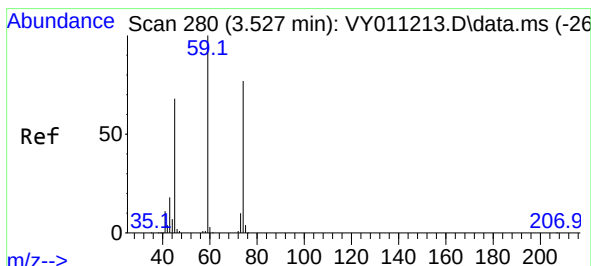
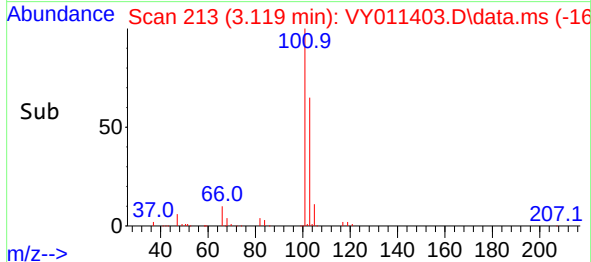
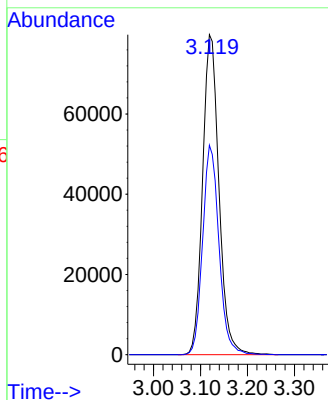
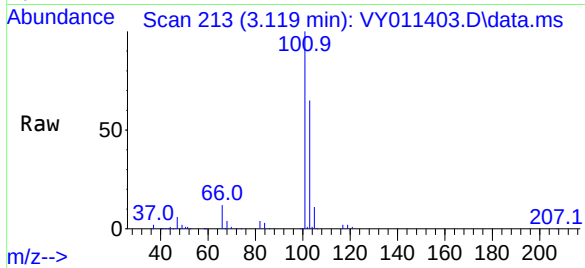




#7
Trichlorofluoromethane
Concen: 47.136 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

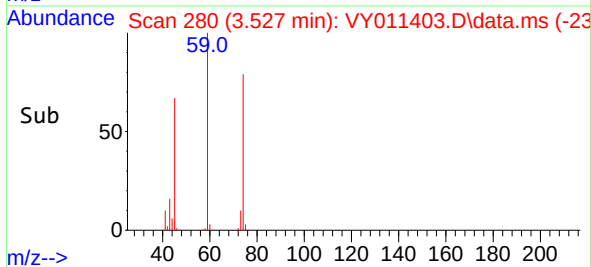
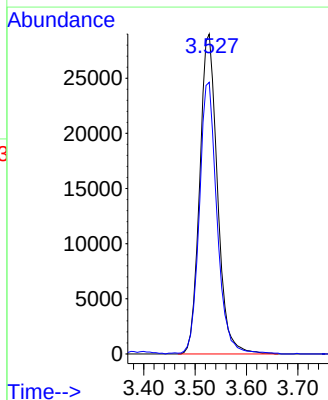
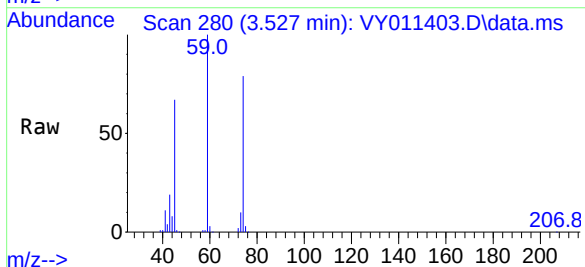
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

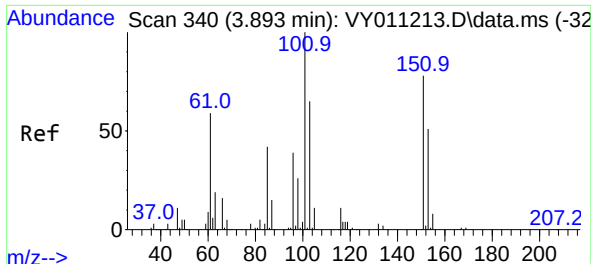
Tgt Ion:101 Resp: 192346
Ion Ratio Lower Upper
101 100
103 65.4 48.0 72.0



#8
Diethyl Ether
Concen: 48.532 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 74 Resp: 69543
Ion Ratio Lower Upper
74 100
45 84.9 55.1 165.5

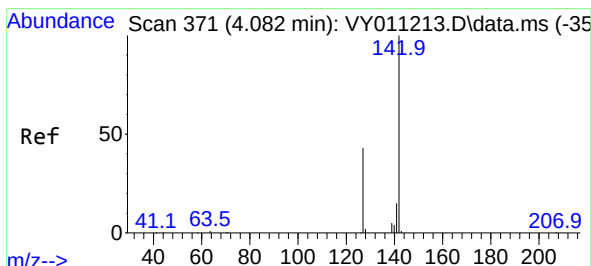
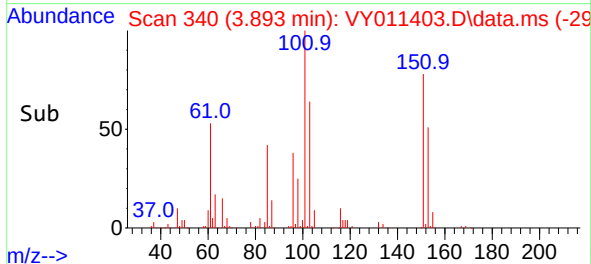
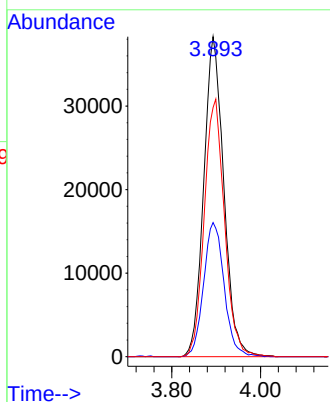
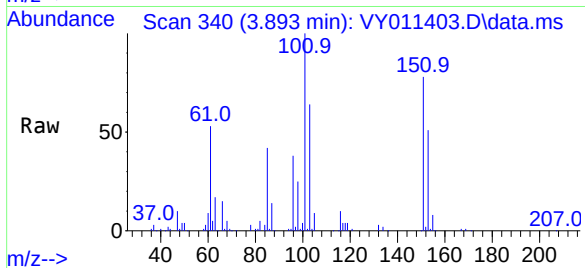




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.583 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY011403.D
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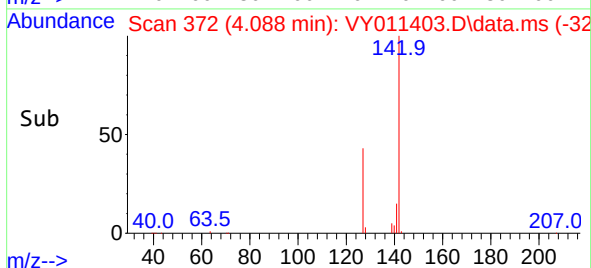
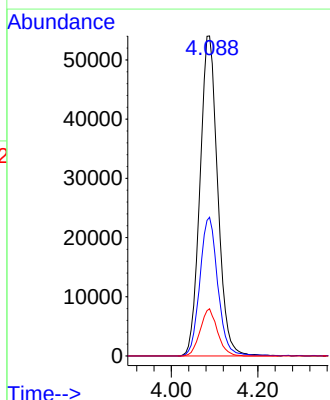
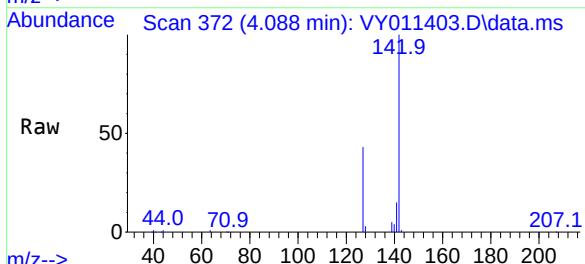
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

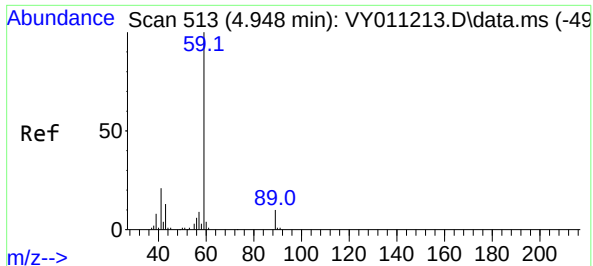
Tgt Ion:101 Resp: 120191
Ion Ratio Lower Upper
101 100
85 43.0 40.6 60.8
151 81.5 64.9 97.3



#10
Methyl Iodide
Concen: 46.493 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion:142 Resp: 153407
Ion Ratio Lower Upper
142 100
127 43.8 41.5 62.3
141 14.3 11.9 17.9

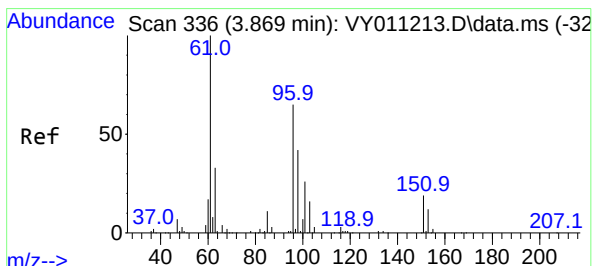
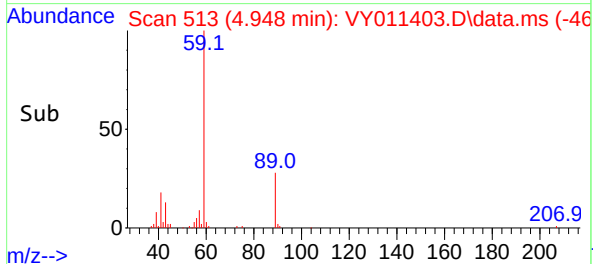
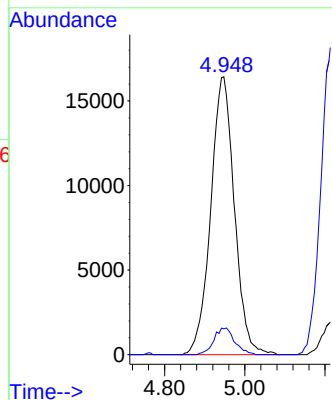
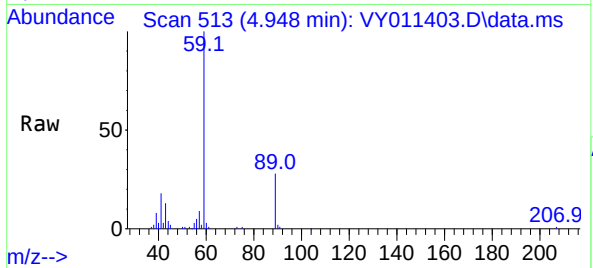




#11
Tert butyl alcohol
Concen: 237.912 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

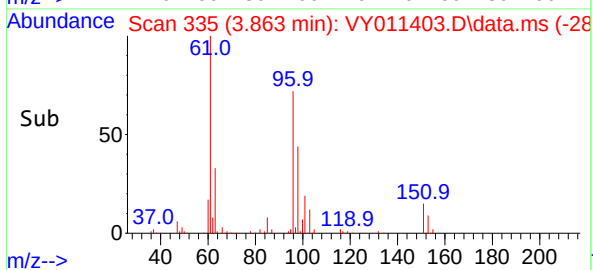
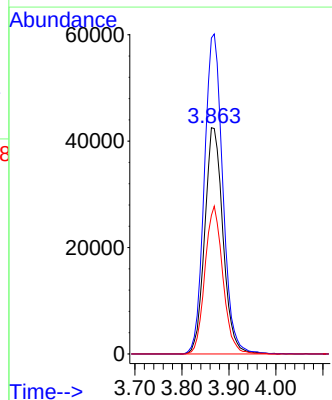
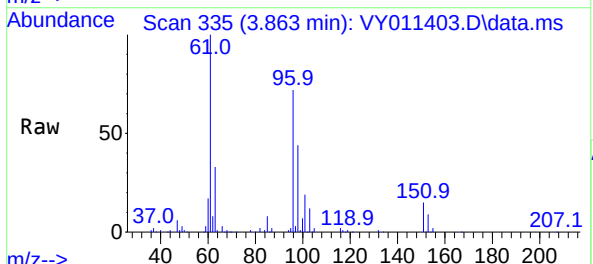
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

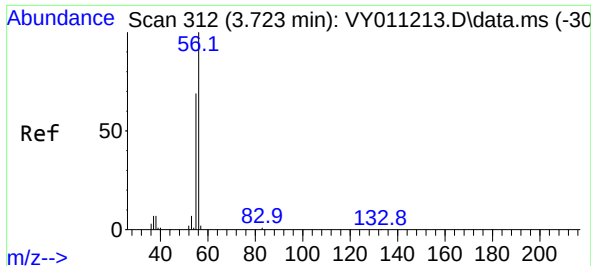
Tgt Ion: 59 Resp: 67311
Ion Ratio Lower Upper
59 100
57 8.5 6.4 9.6



#12
1,1-Dichloroethene
Concen: 46.817 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 96 Resp: 114678
Ion Ratio Lower Upper
96 100
61 139.6 145.8 218.6#
98 61.2 52.5 78.7

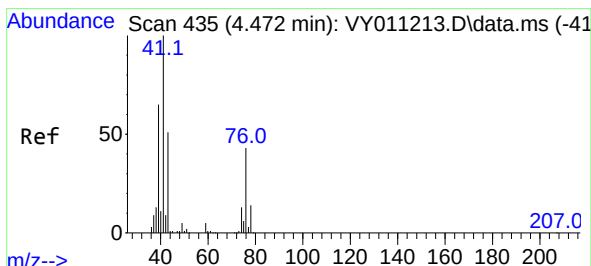
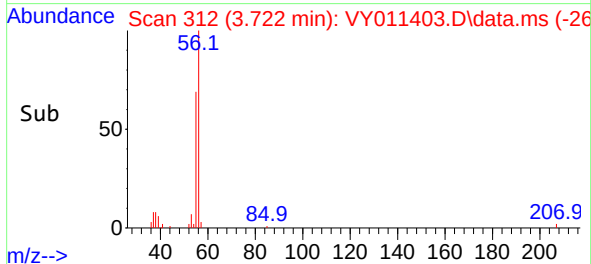
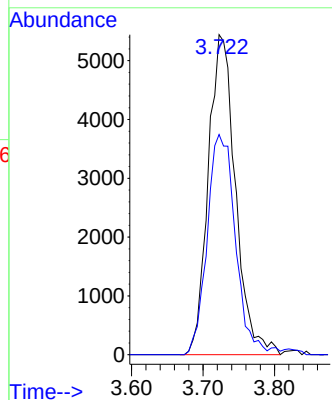
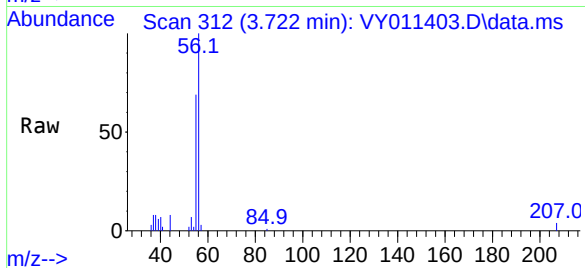




#13
Acrolein
Concen: 206.952 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

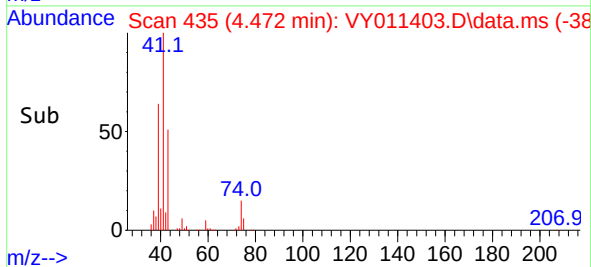
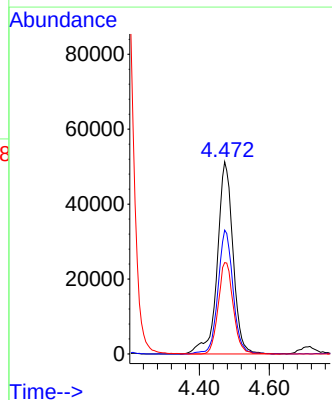
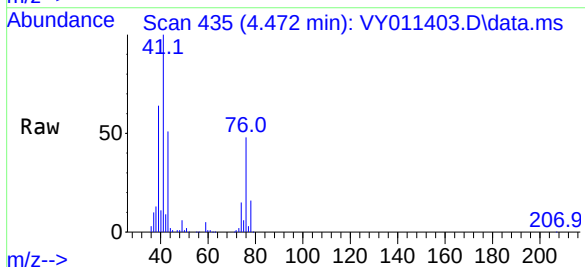
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

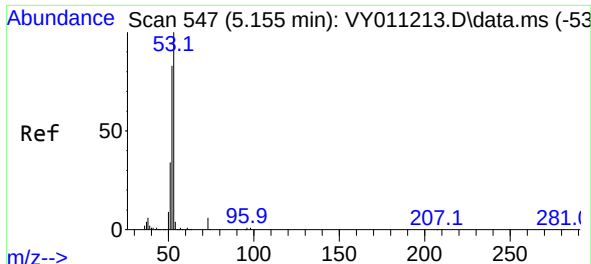
Tgt Ion: 56 Resp: 14381
Ion Ratio Lower Upper
56 100
55 71.0 57.6 86.4



#14
Allyl chloride
Concen: 48.443 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 41 Resp: 160134
Ion Ratio Lower Upper
41 100
39 61.5 58.8 88.2
76 45.0 25.1 37.7#

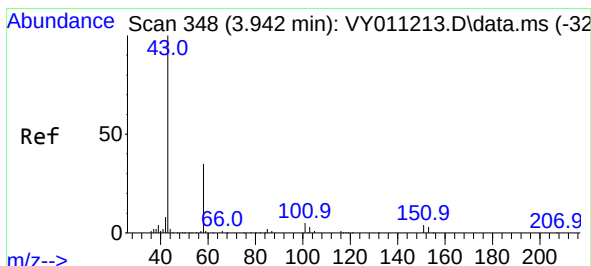
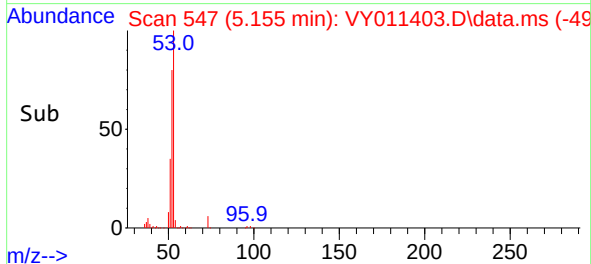
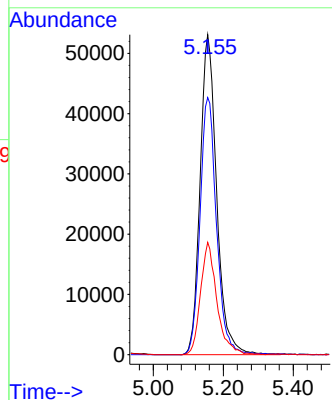
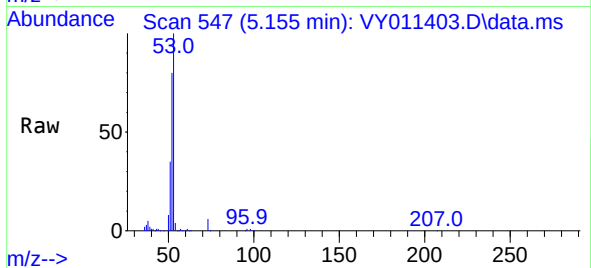




#15
Acrylonitrile
Concen: 254.407 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

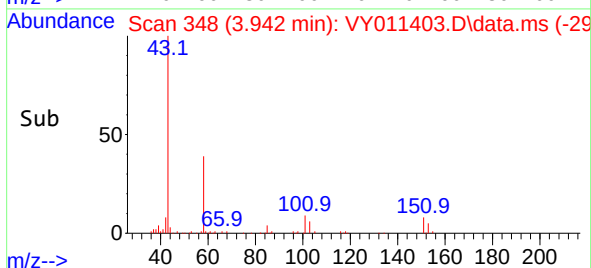
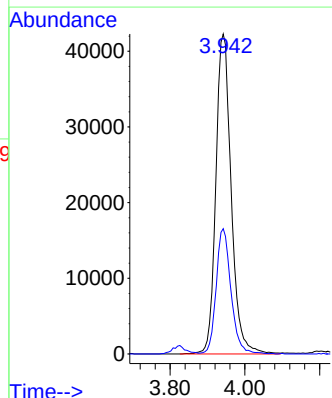
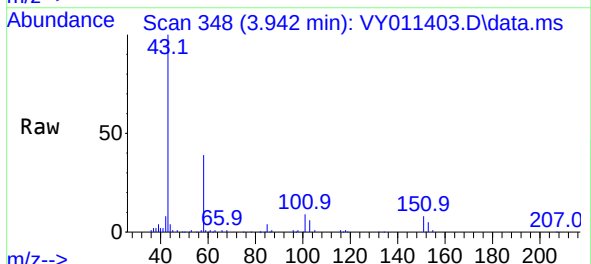
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

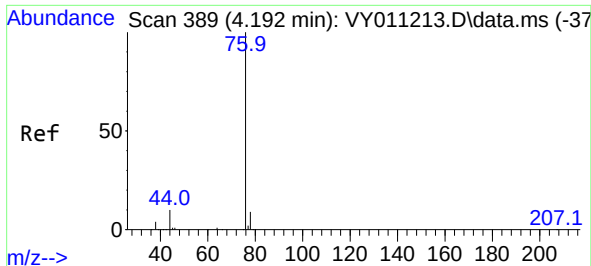
Tgt Ion: 53 Resp: 174190
Ion Ratio Lower Upper
53 100
52 80.0 67.0 100.4
51 34.9 29.8 44.6



#16
Acetone
Concen: 199.599 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 43 Resp: 120486
Ion Ratio Lower Upper
43 100
58 39.0 22.0 33.0#

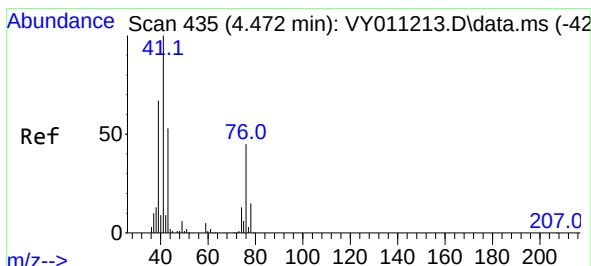
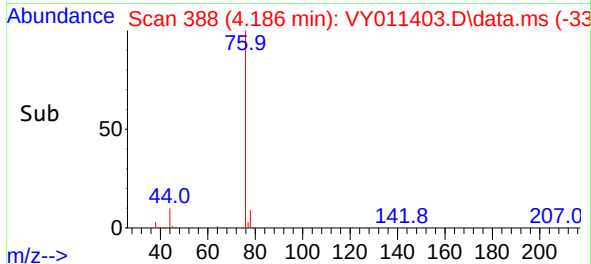
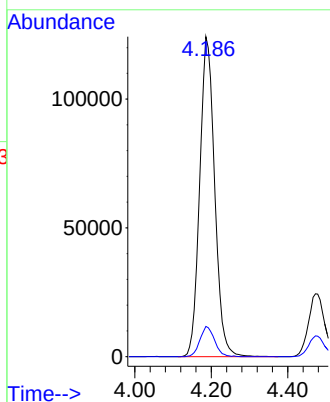
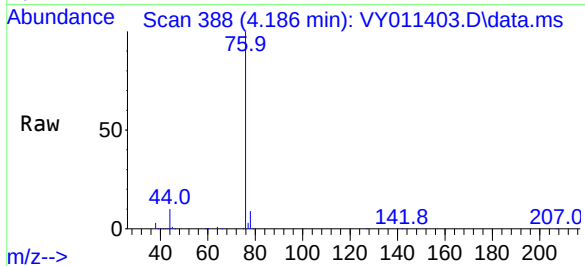




#17
Carbon Disulfide
Concen: 46.274 ug/l
RT: 4.186 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

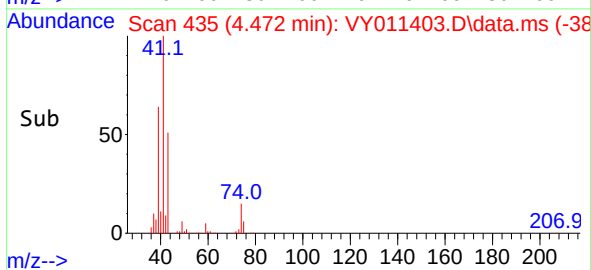
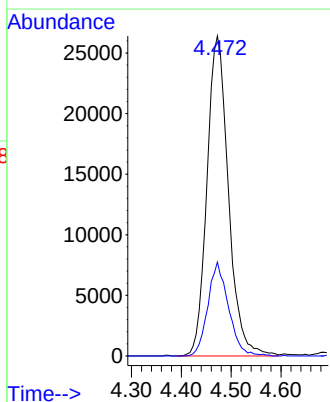
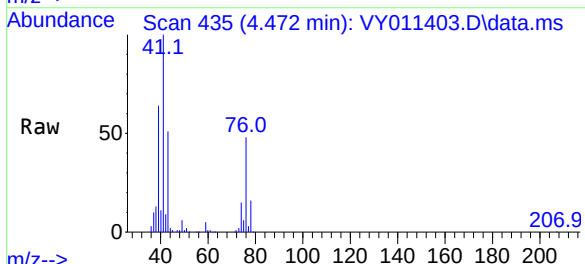
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

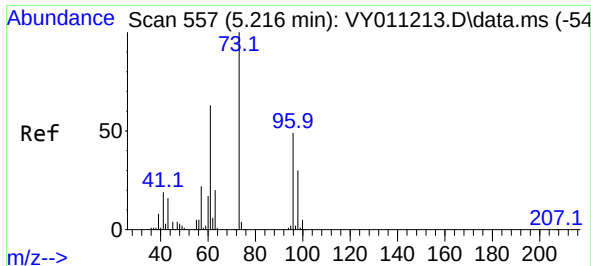
Tgt Ion: 76 Resp: 337611
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 47.084 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 43 Resp: 78946
Ion Ratio Lower Upper
43 100
74 28.1 16.6 24.8#

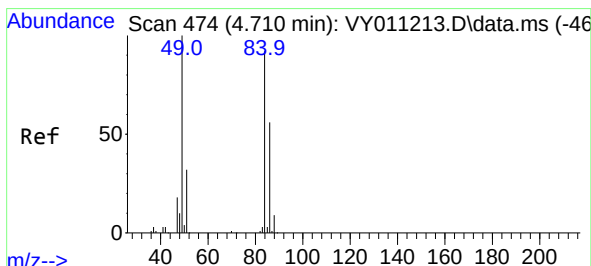
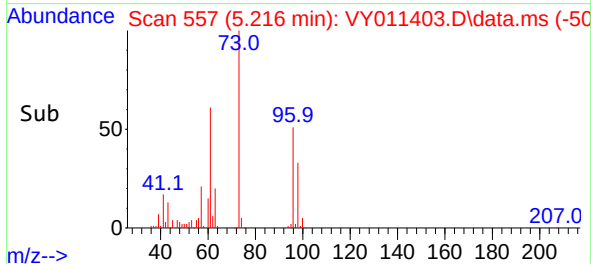
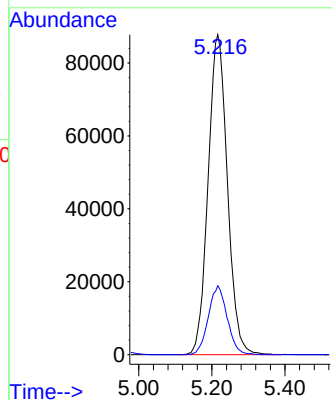
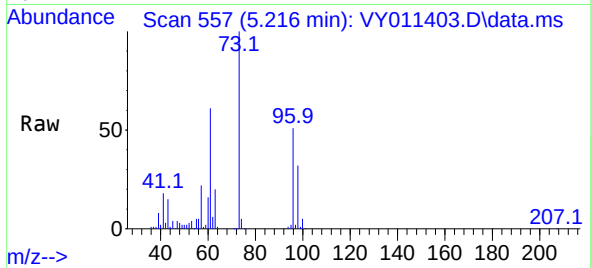




#19
Methyl tert-butyl Ether
Concen: 50.121 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

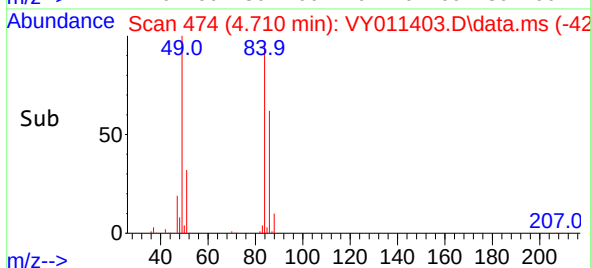
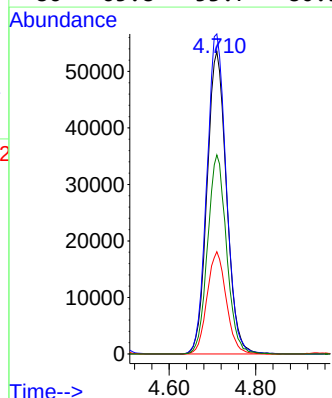
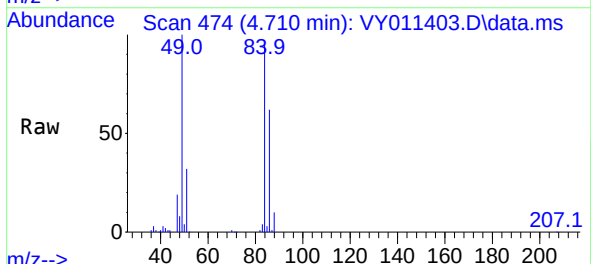
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

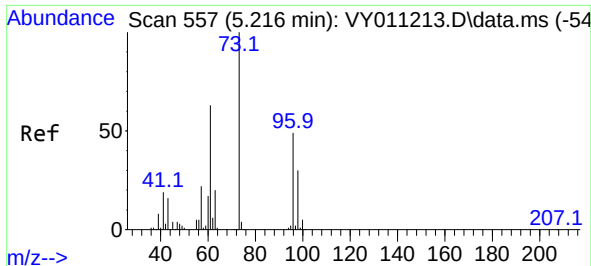
Tgt Ion: 73 Resp: 321087
Ion Ratio Lower Upper
73 100
57 21.6 18.6 27.8



#20
Methylene Chloride
Concen: 51.033 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 84 Resp: 166947
Ion Ratio Lower Upper
84 100
49 105.8 114.4 171.6#
51 33.8 35.3 52.9#
86 65.8 53.7 80.5

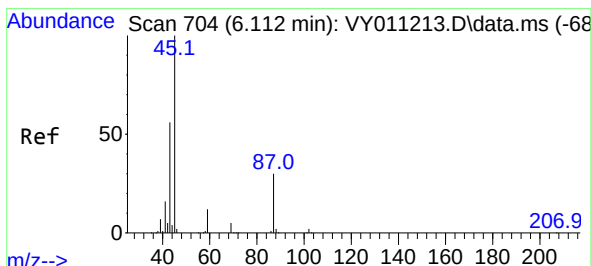
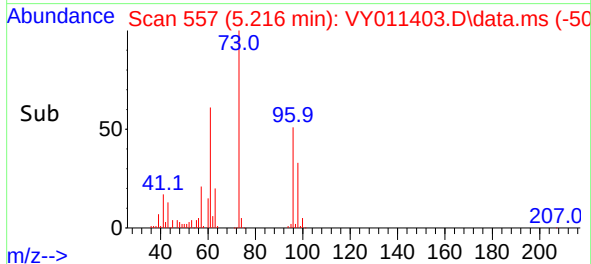
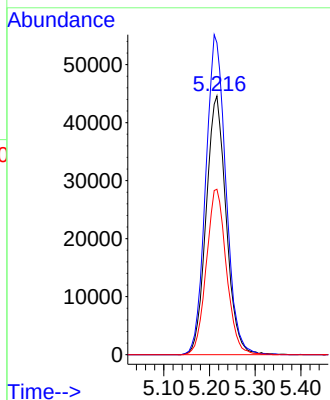
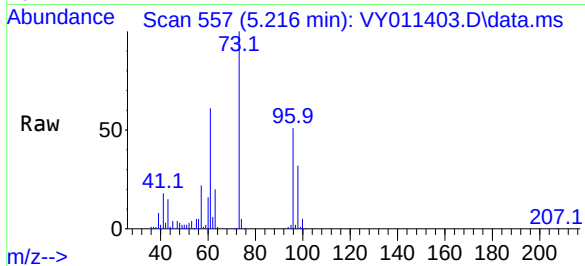




#21
trans-1,2-Dichloroethene
Concen: 48.719 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

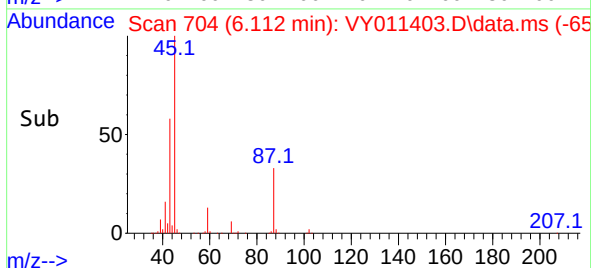
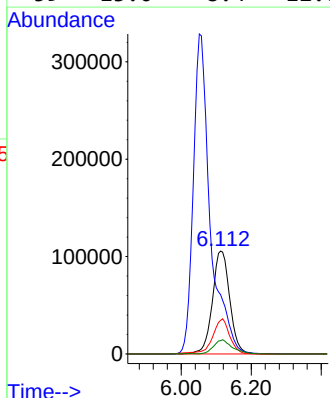
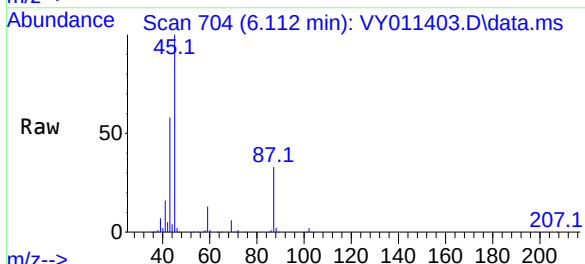
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

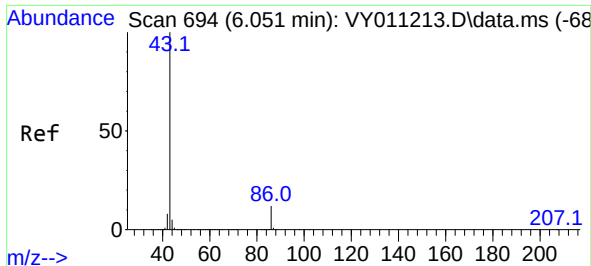
Tgt Ion: 96 Resp: 136064
Ion Ratio Lower Upper
96 100
61 120.5 120.5 180.7
98 63.9 49.8 74.8



#22
Diisopropyl ether
Concen: 51.538 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 45 Resp: 363594
Ion Ratio Lower Upper
45 100
43 57.4 49.3 73.9
87 32.7 19.2 28.8#
59 13.0 8.4 12.6#

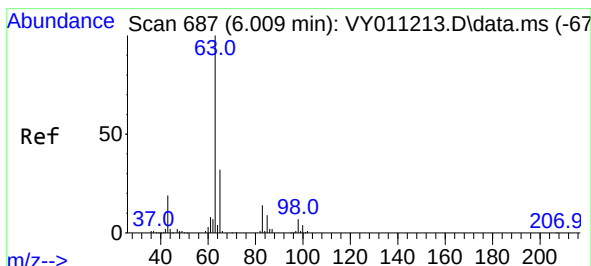
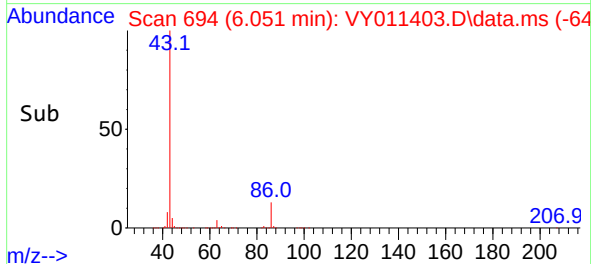
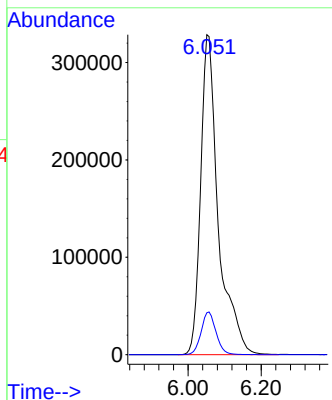
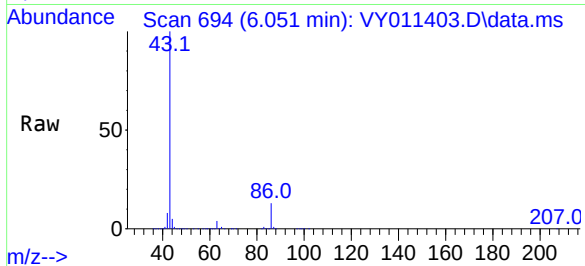




#23
 Vinyl Acetate
 Concen: 267.222 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.007 min
 Lab File: VY011403.D
 Acq: 10 Nov 2022 20:02

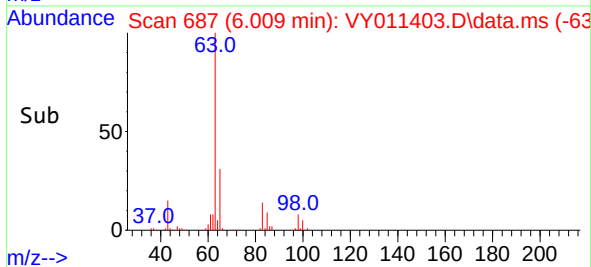
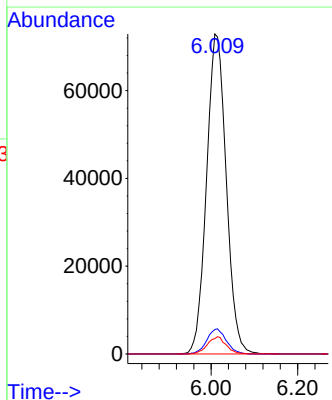
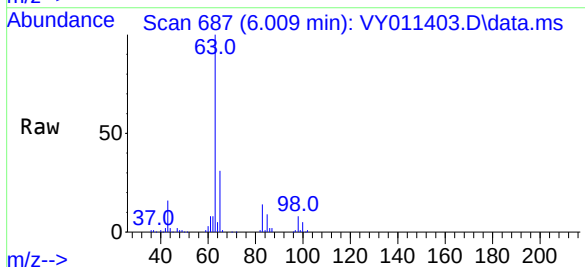
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

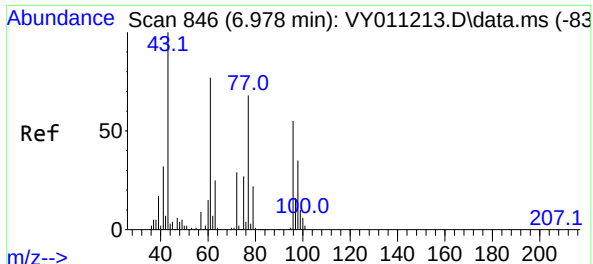
Tgt Ion: 43 Resp: 1102885
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.186 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY011403.D
 Acq: 10 Nov 2022 20:02

Tgt Ion: 63 Resp: 230556
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.8 2.0 5.8

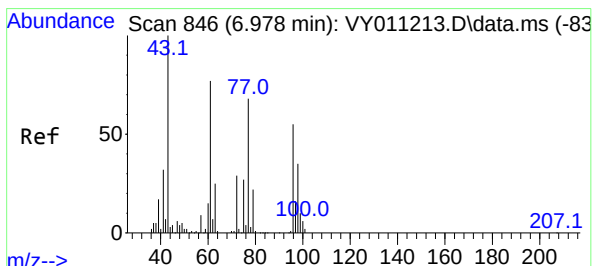
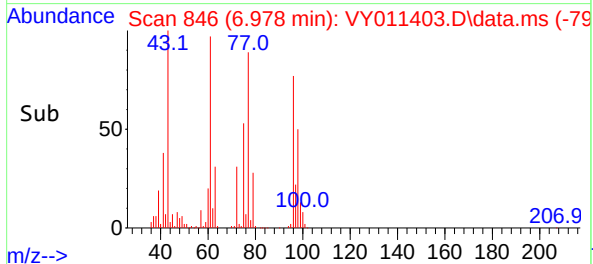
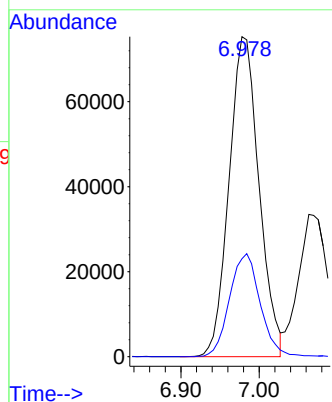
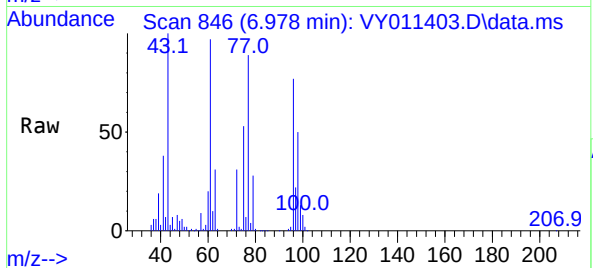




#25
2-Butanone
Concen: 233.016 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

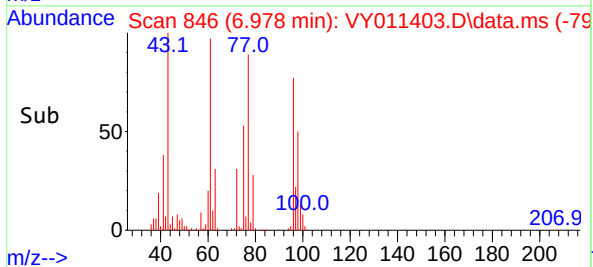
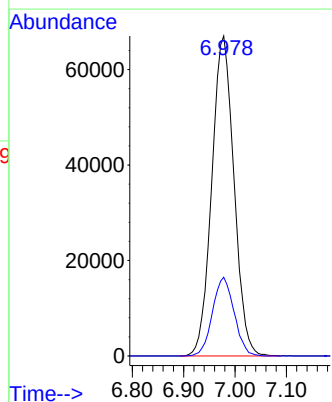
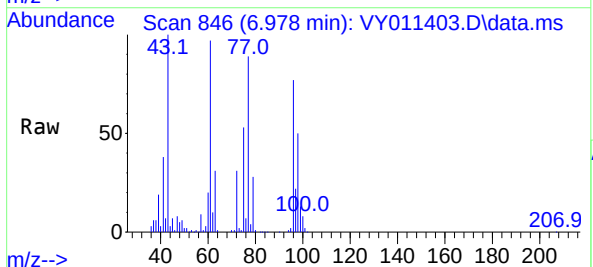
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

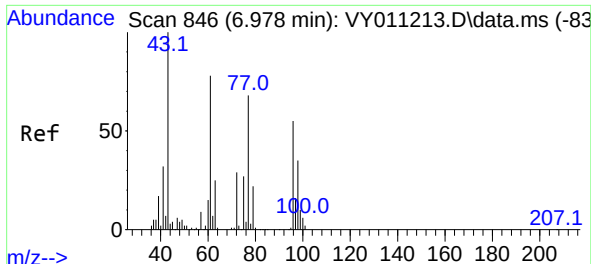
Tgt Ion: 43 Resp: 200357
Ion Ratio Lower Upper
43 100
72 30.6 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 46.801 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 77 Resp: 201077
Ion Ratio Lower Upper
77 100
97 24.0 10.4 31.4

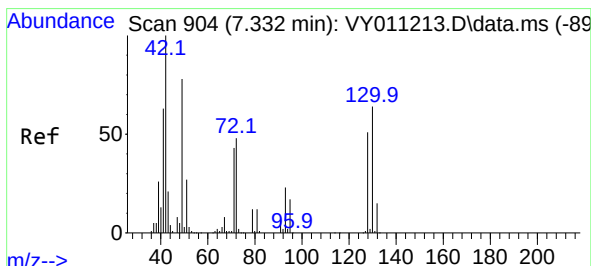
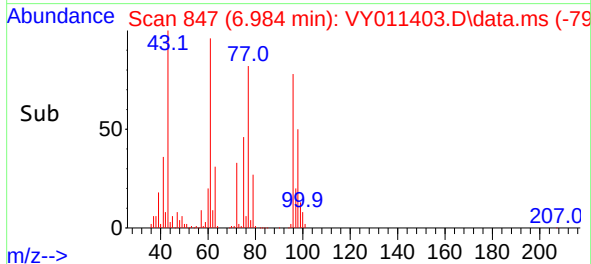
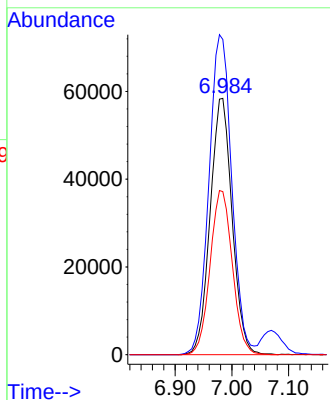
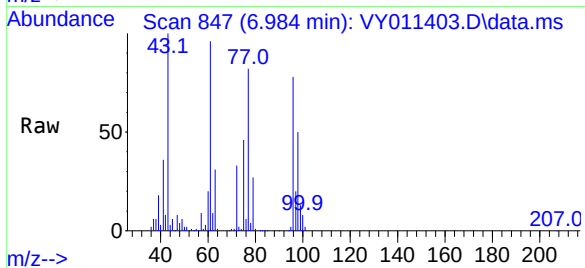




#27
 cis-1,2-Dichloroethene
 Concen: 50.049 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY011403.D
 Acq: 10 Nov 2022 20:02

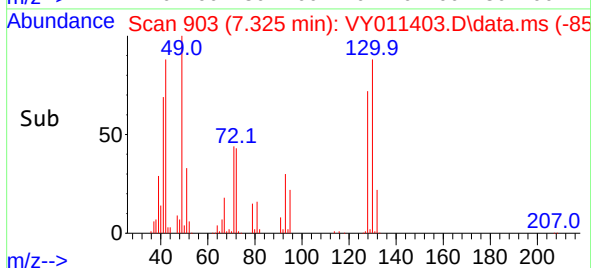
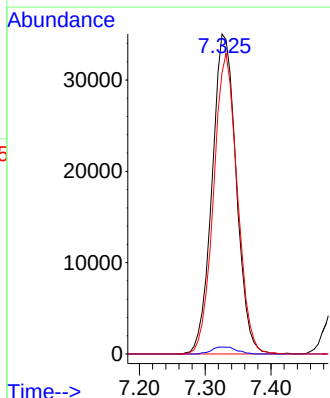
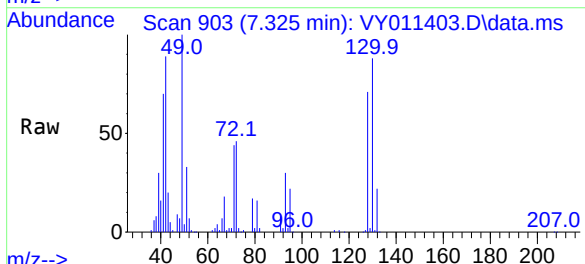
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

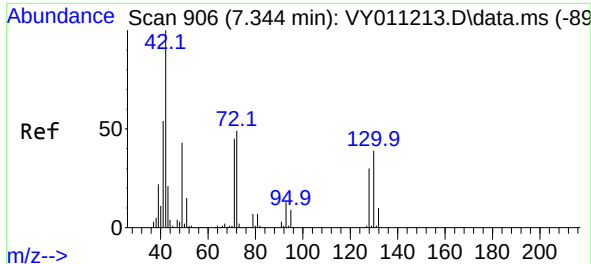
Tgt Ion: 96 Resp: 157309
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 319.8
 98 64.7 0.0 127.0



#28
 Bromochloromethane
 Concen: 53.608 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.007 min
 Lab File: VY011403.D
 Acq: 10 Nov 2022 20:02

Tgt Ion: 49 Resp: 89439
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2#
 130 92.2 55.4 83.0#





#29

Tetrahydrofuran

Concen: 259.350 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

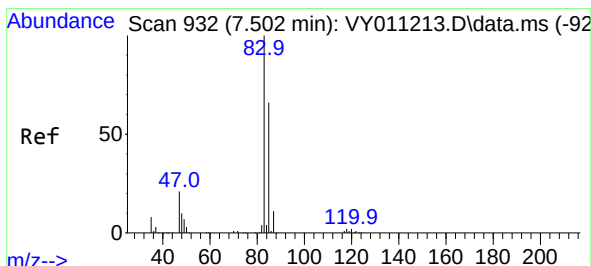
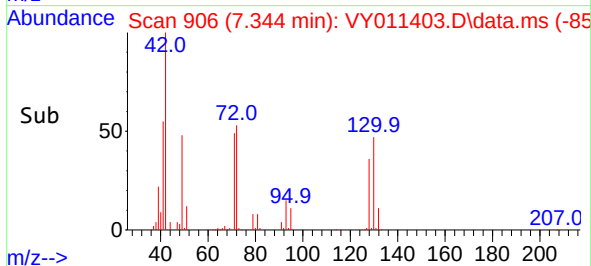
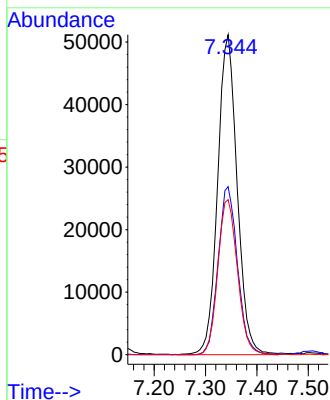
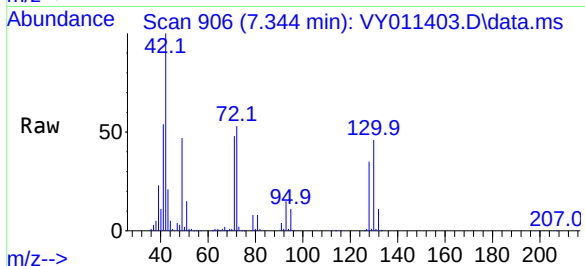
Tgt Ion: 42 Resp: 135082

Ion Ratio Lower Upper

42 100

72 52.2 30.3 45.5#

71 48.6 29.0 43.4#



#30

Chloroform

Concen: 50.886 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY011403.D

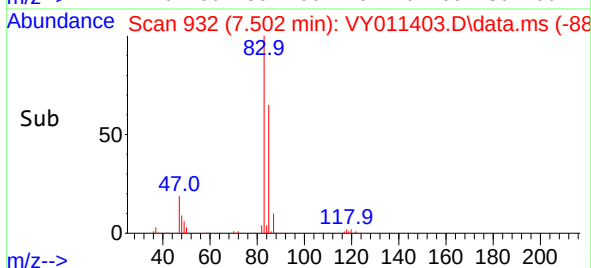
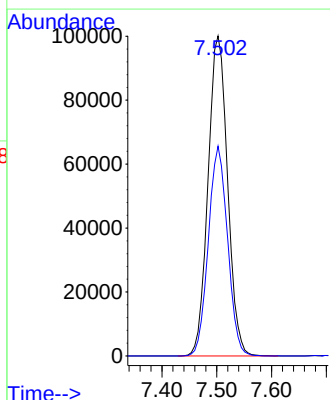
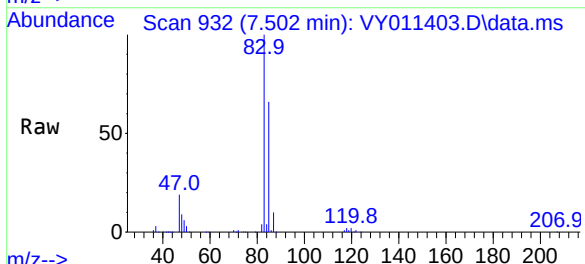
Acq: 10 Nov 2022 20:02

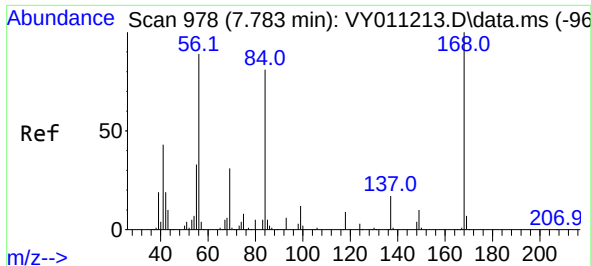
Tgt Ion: 83 Resp: 247246

Ion Ratio Lower Upper

83 100

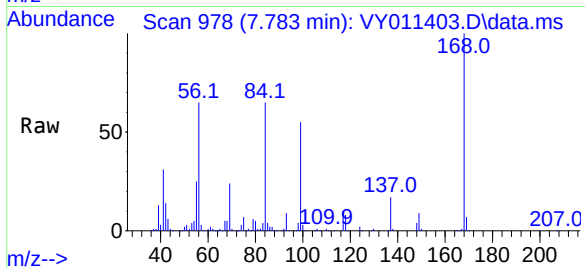
85 65.5 51.8 77.6



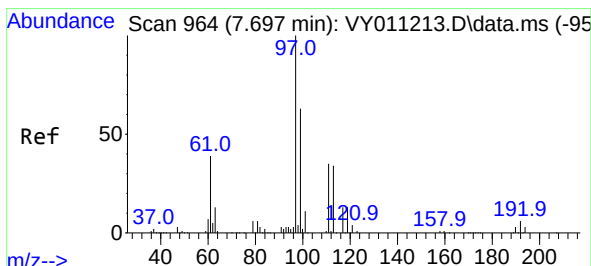
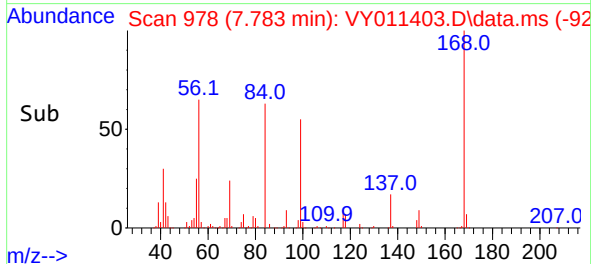
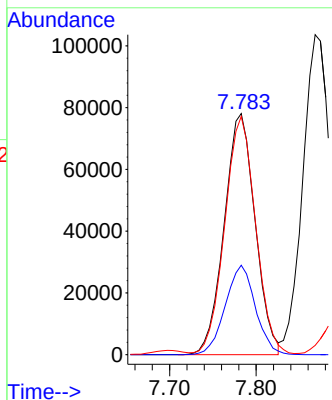


#31
Cyclohexane
Concen: 47.147 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

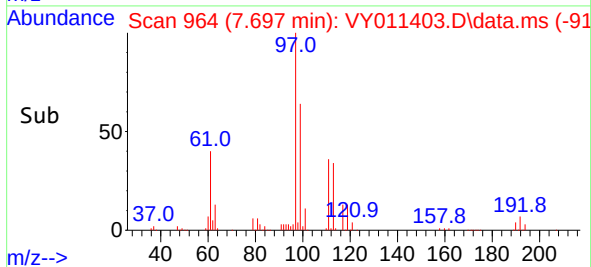
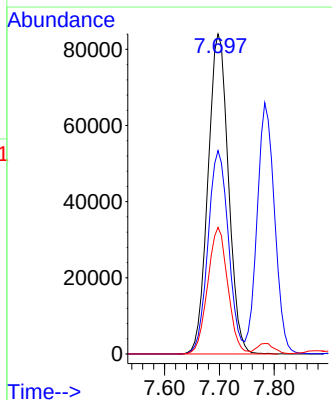
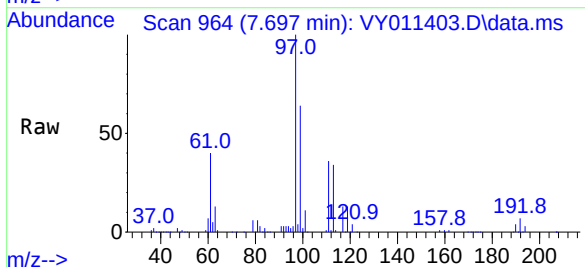


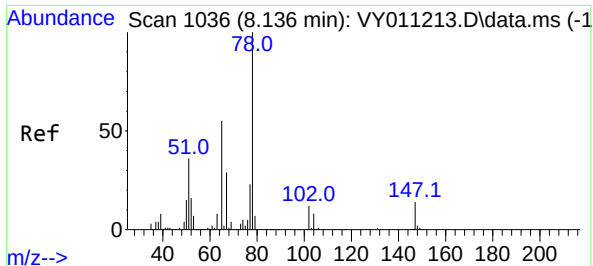
Tgt Ion: 56 Resp: 193800
Ion Ratio Lower Upper
56 100
69 37.1 26.7 40.1
84 97.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 49.484 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 97 Resp: 217457
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 39.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.925 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_Y

ClientSampleId :

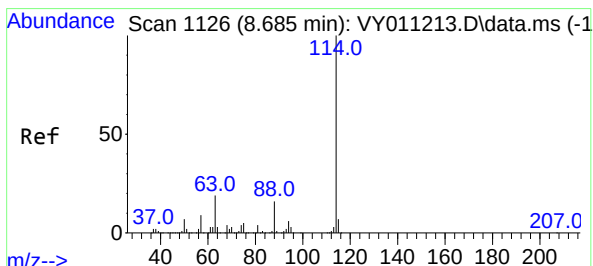
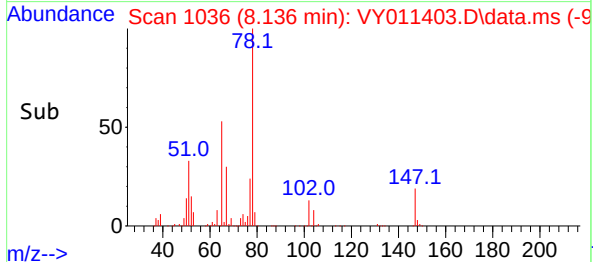
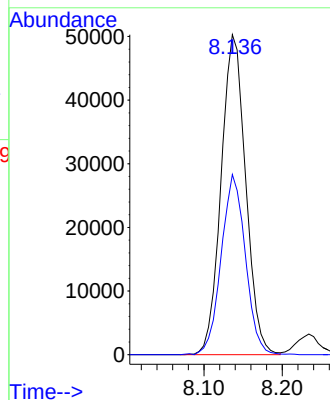
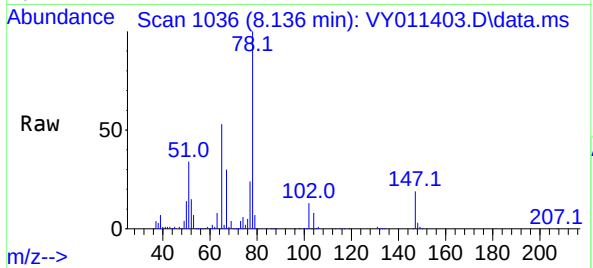
VSTDCCC050EC

Tgt Ion: 65 Resp: 109631

Ion Ratio Lower Upper

65 100

67 55.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

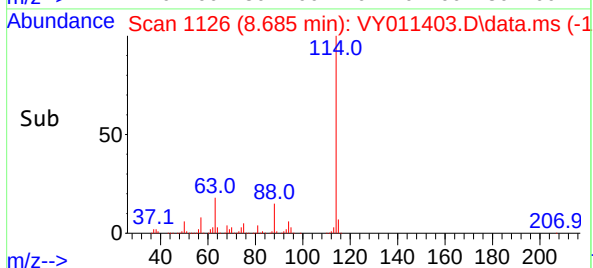
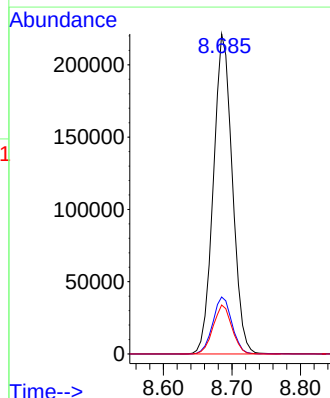
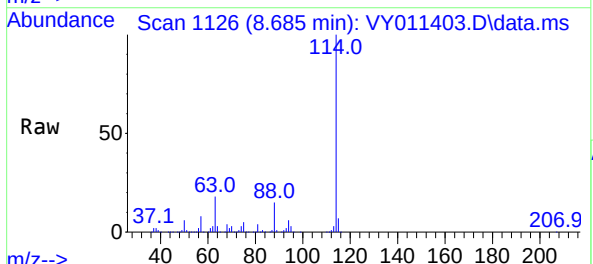
Tgt Ion: 114 Resp: 424536

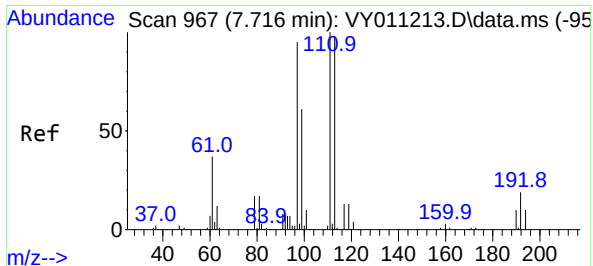
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 15.3 0.0 31.8



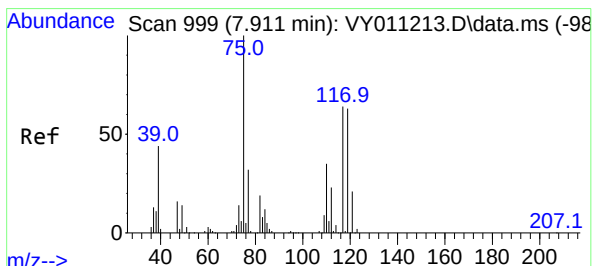
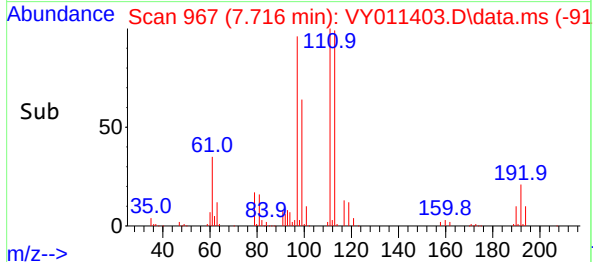
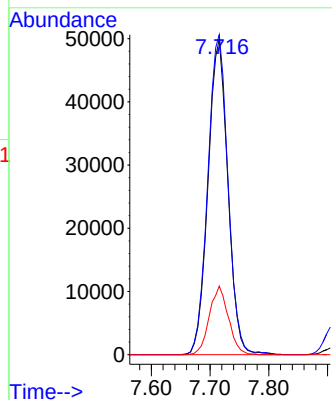
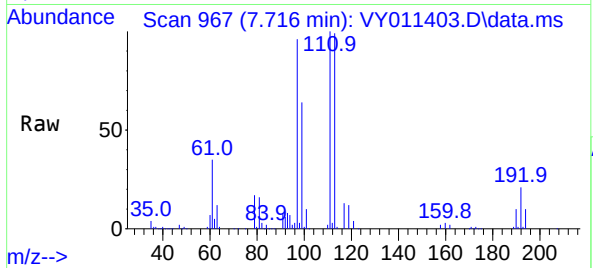


#35
Dibromofluoromethane
Concen: 49.065 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 116735

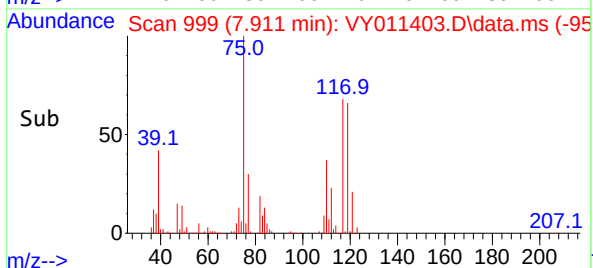
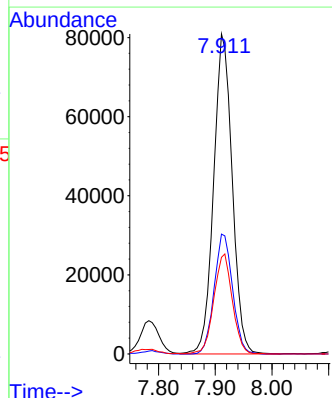
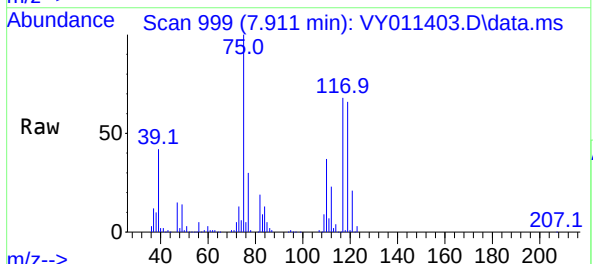
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	20.9	17.6	26.4

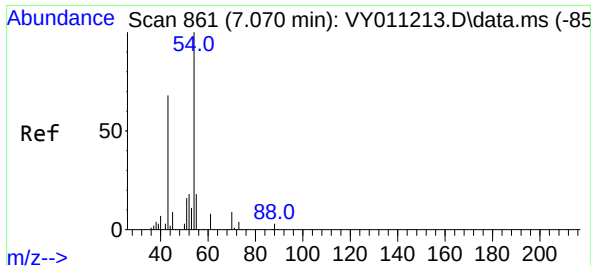


#36
1,1-Dichloropropene
Concen: 49.880 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 75 Resp: 184189

Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.1	51.2
77	31.2	24.4	36.6

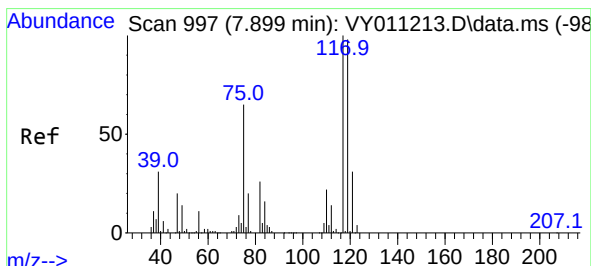
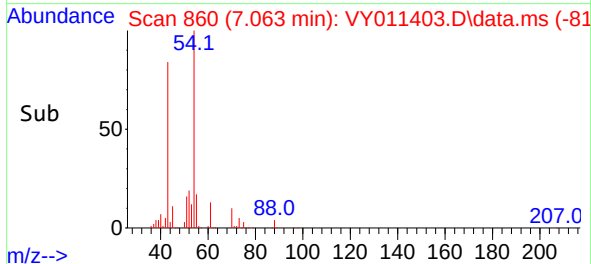
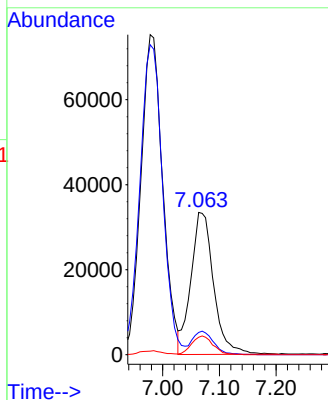
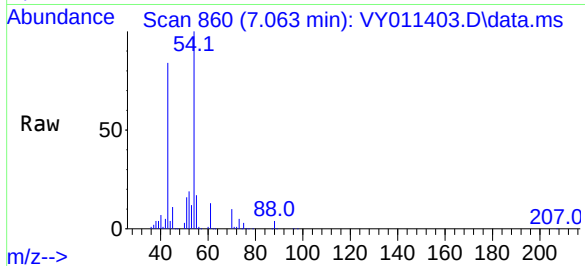




#37
Ethyl Acetate
Concen: 52.215 ug/l
RT: 7.063 min Scan# 861
Delta R.T. -0.007 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

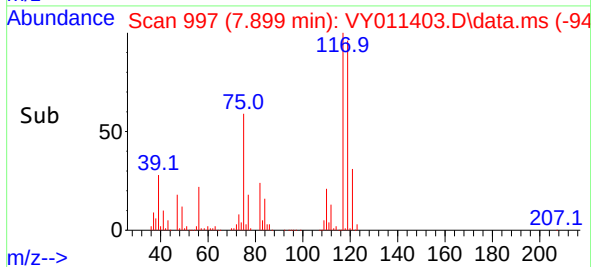
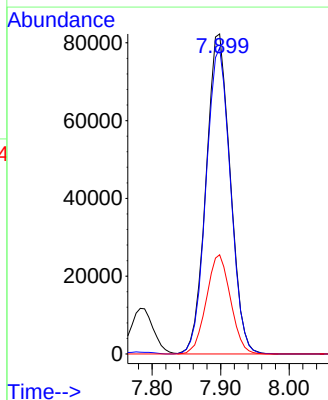
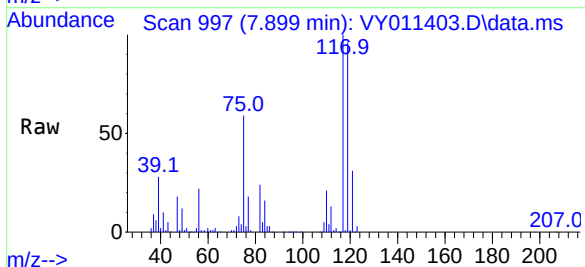
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

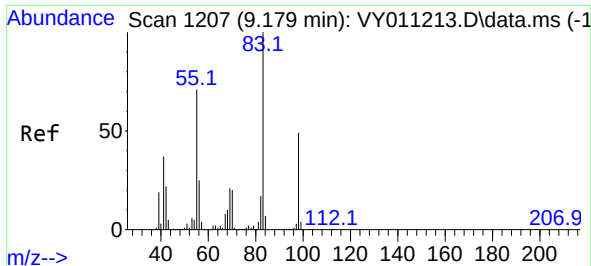
Tgt Ion: 43 Resp: 92621
Ion Ratio Lower Upper
43 100
61 15.7 9.7 14.5#
70 12.5 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 50.260 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 117 Resp: 201880
Ion Ratio Lower Upper
117 100
119 95.7 77.9 116.9
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 49.605 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

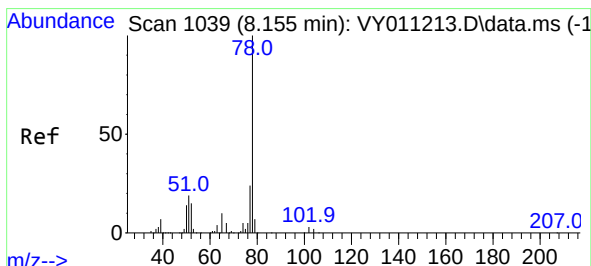
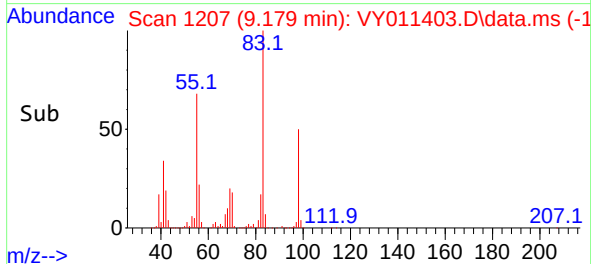
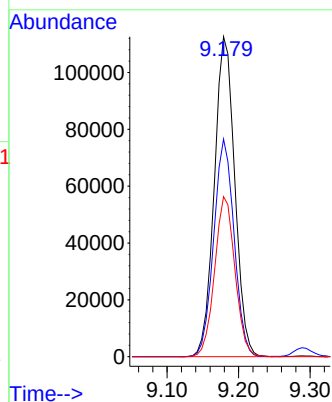
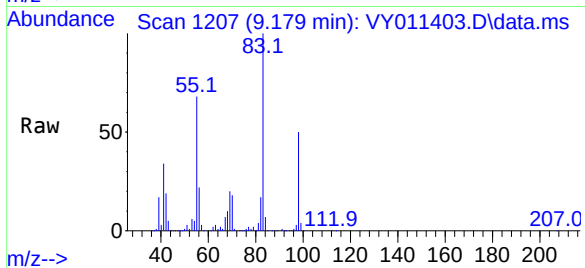
Tgt Ion: 83 Resp: 223820

Ion Ratio Lower Upper

83 100

55 68.0 66.5 99.7

98 50.0 37.9 56.9



#40

Benzene

Concen: 49.880 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY011403.D

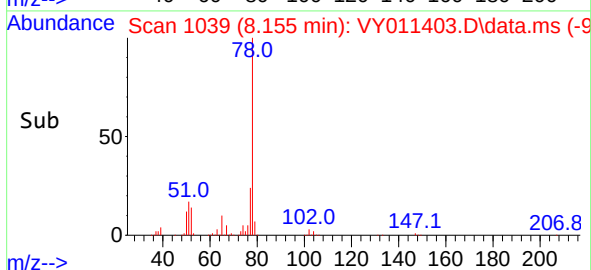
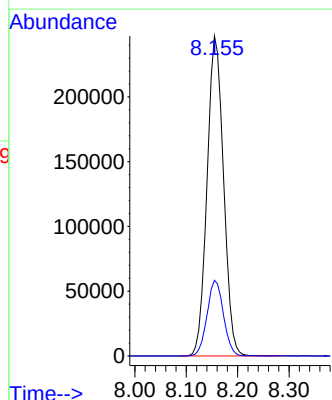
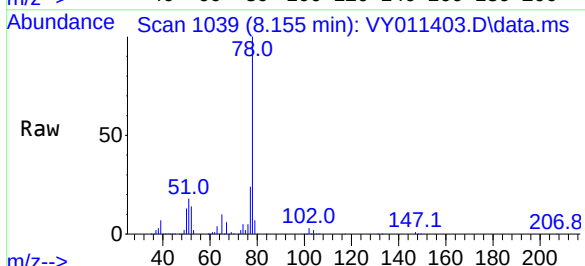
Acq: 10 Nov 2022 20:02

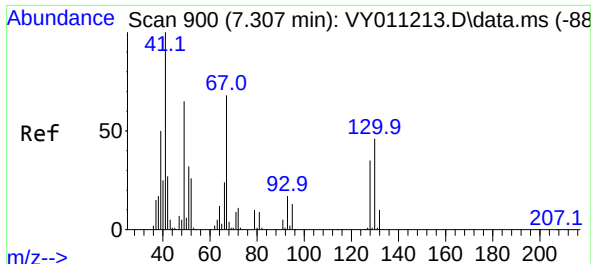
Tgt Ion: 78 Resp: 550036

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6

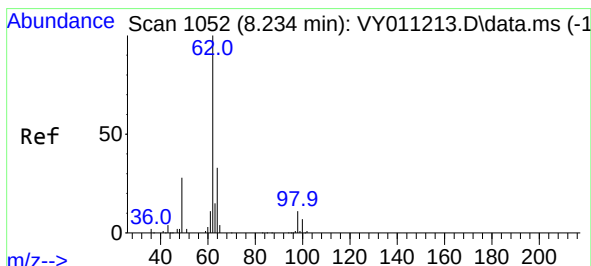
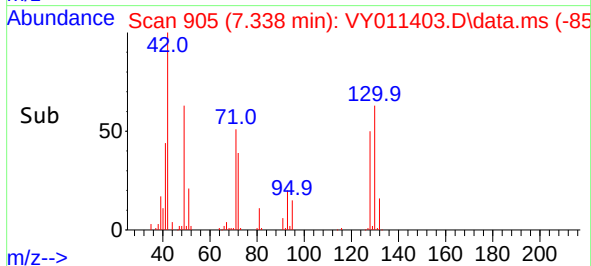
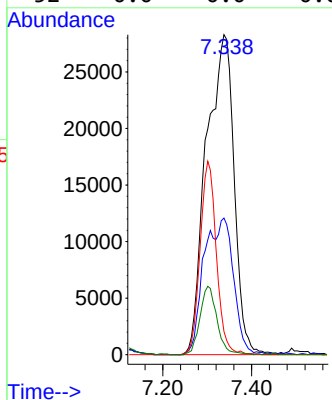
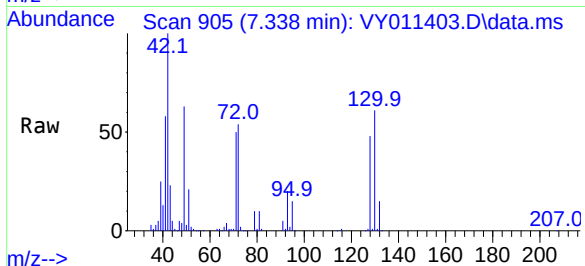




#41
Methacrylonitrile
Concen: 133.327 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

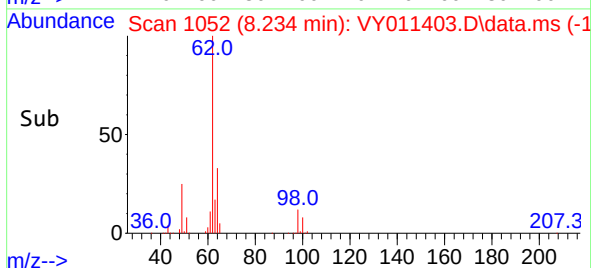
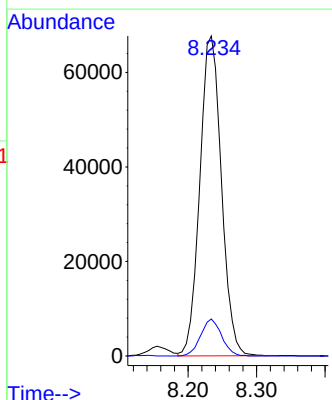
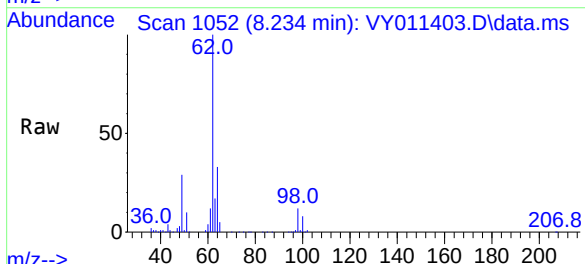
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

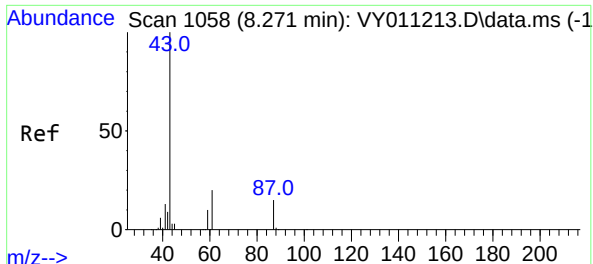
Tgt Ion: 41 Resp: 122465
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.398 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 62 Resp: 148530
Ion Ratio Lower Upper
62 100
98 11.2 0.0 14.8





#43

Isopropyl Acetate

Concen: 50.415 ug/l

RT: 8.270 min Scan# 11058

Delta R.T. -0.001 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

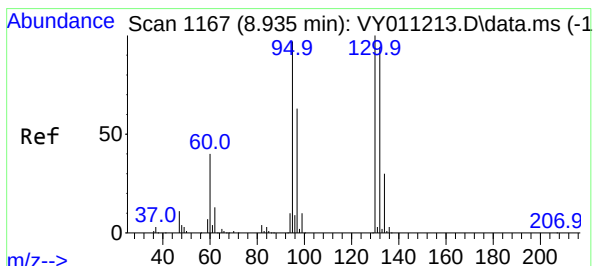
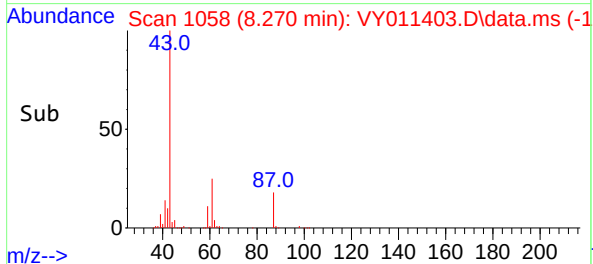
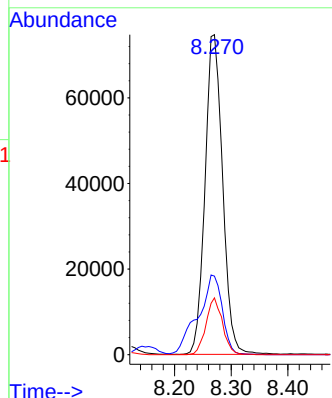
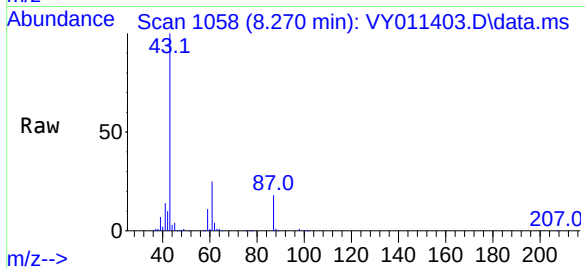
Tgt Ion: 43 Resp: 161328

Ion Ratio Lower Upper

43 100

61 34.4 20.2 30.2#

87 16.6 8.9 13.3#



#44

Trichloroethene

Concen: 49.641 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY011403.D

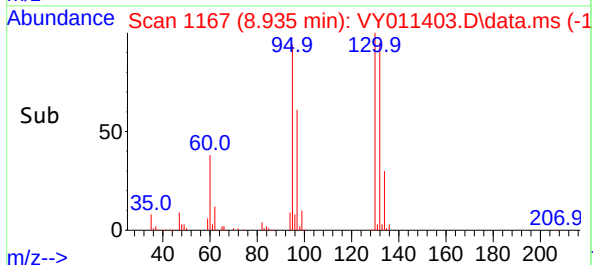
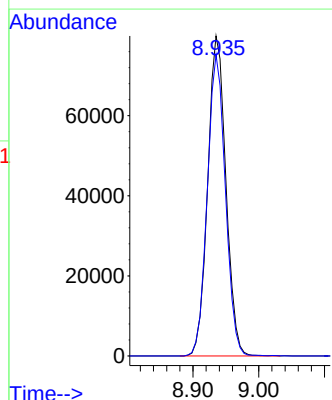
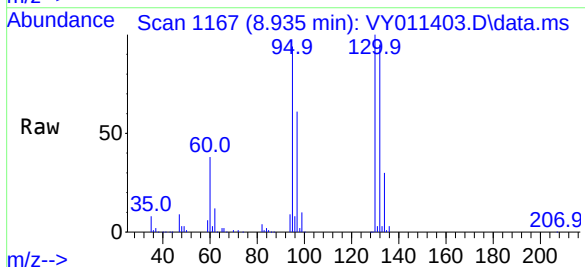
Acq: 10 Nov 2022 20:02

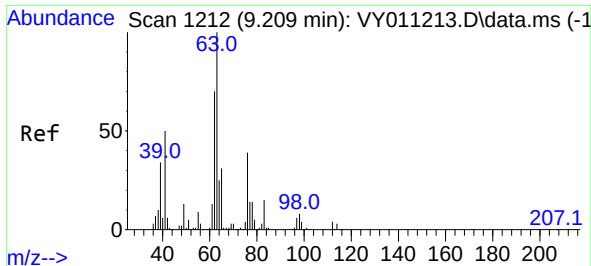
Tgt Ion:130 Resp: 153770

Ion Ratio Lower Upper

130 100

95 94.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.591 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_Y

ClientSampleId :

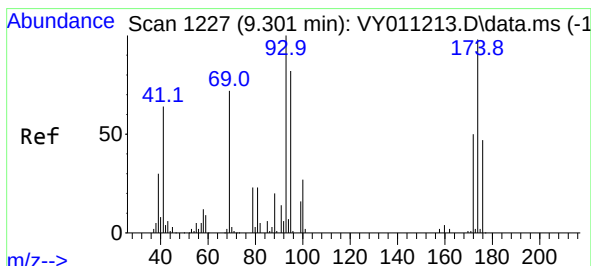
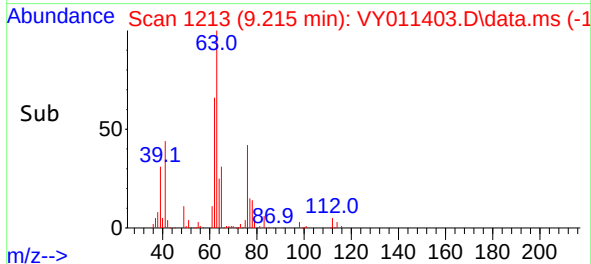
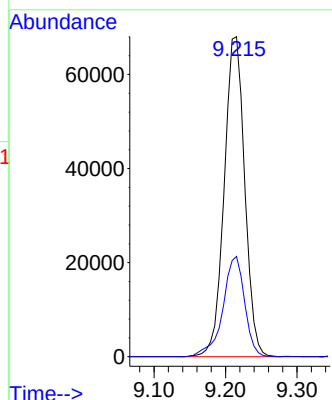
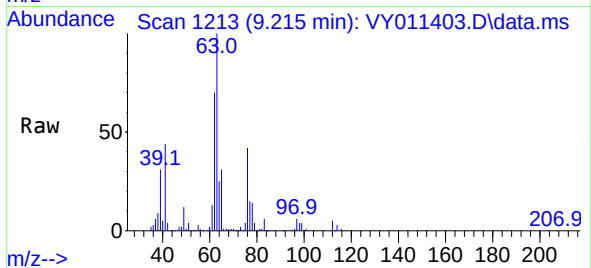
VSTDCCC050EC

Tgt Ion: 63 Resp: 135398

Ion Ratio Lower Upper

63 100

65 31.4 23.0 34.6



#46

Dibromomethane

Concen: 51.408 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

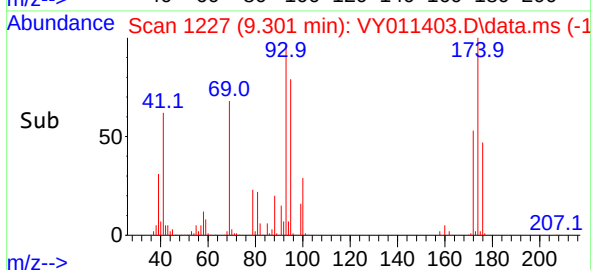
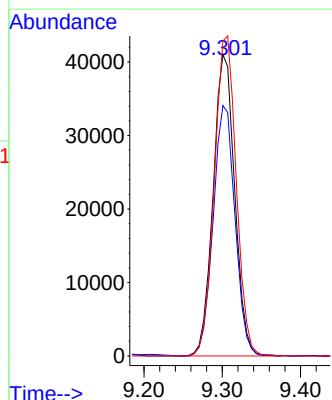
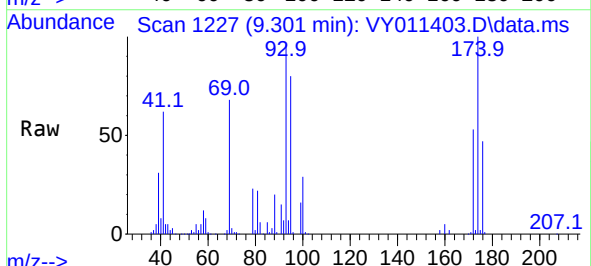
Tgt Ion: 93 Resp: 78552

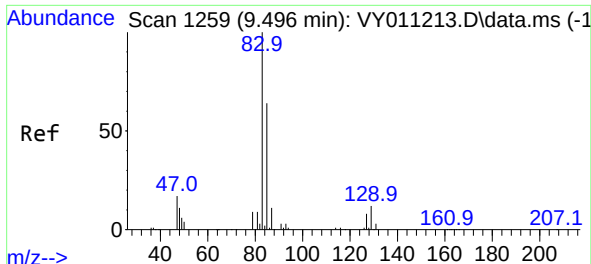
Ion Ratio Lower Upper

93 100

95 84.1 64.3 96.5

174 107.7 83.4 125.0





#47

Bromodichloromethane

Concen: 51.676 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

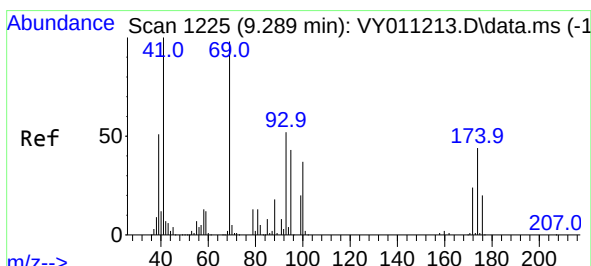
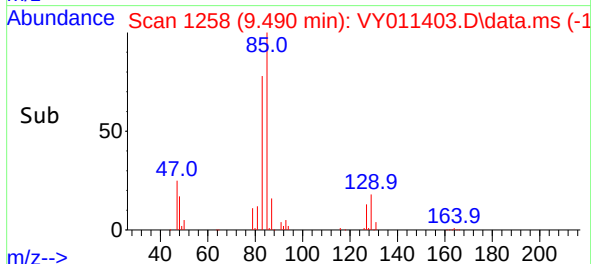
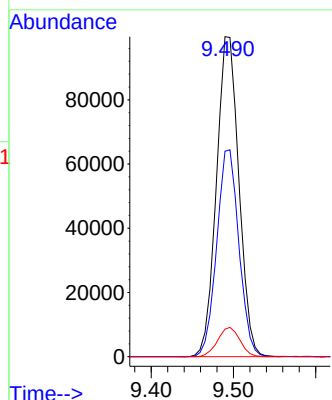
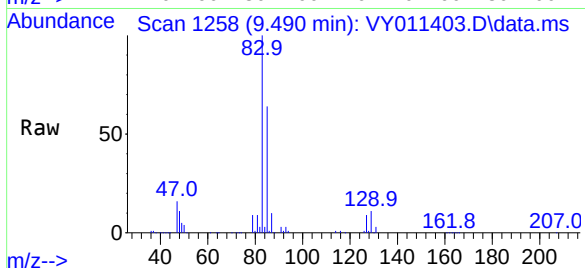
Tgt Ion: 83 Resp: 189187

Ion Ratio Lower Upper

83 100

85 64.2 51.9 77.9

127 8.6 6.6 10.0



#48

Methyl methacrylate

Concen: 52.885 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

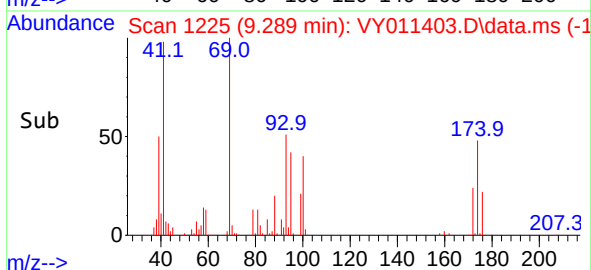
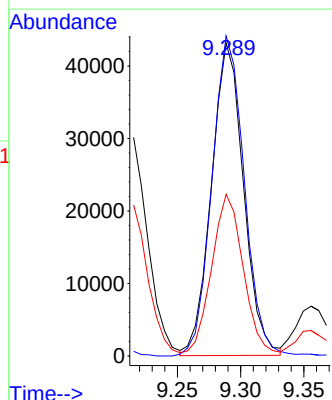
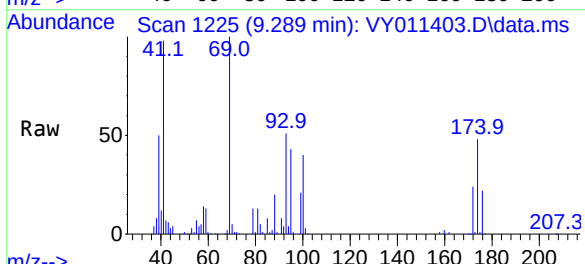
Tgt Ion: 41 Resp: 76051

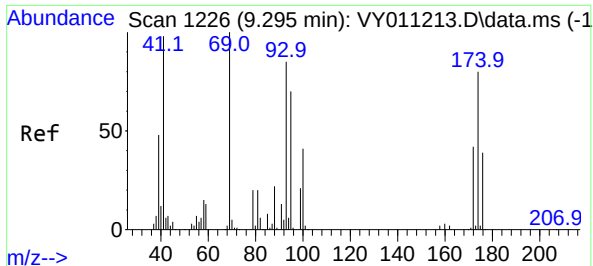
Ion Ratio Lower Upper

41 100

69 103.7 58.2 87.2#

39 49.3 47.4 71.0





#49

1,4-Dioxane

Concen: 1099.627 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011403.D

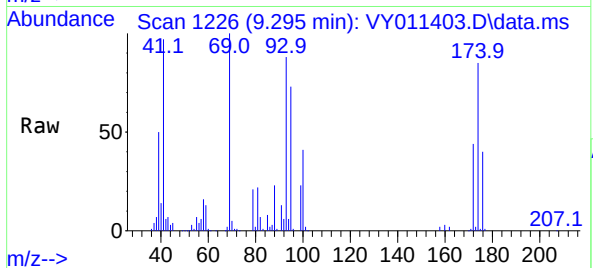
Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_Y

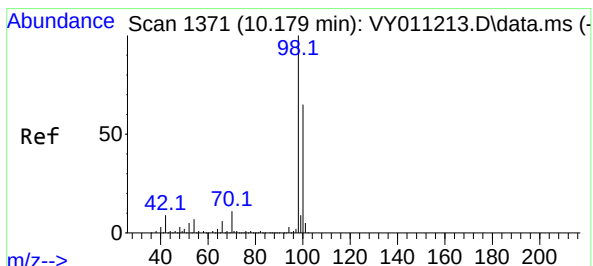
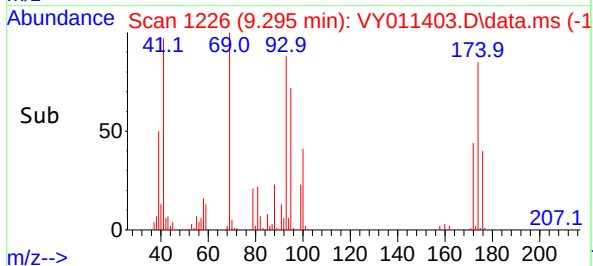
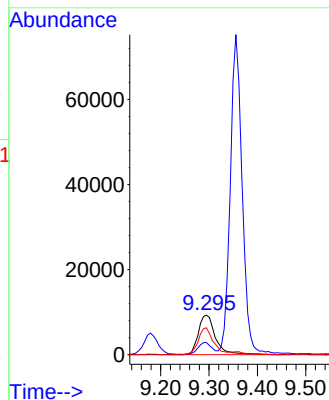
ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 22939

Ion	Ratio	Lower	Upper
88	100		
43	24.5	32.8	49.2#
58	59.0	59.8	89.6#



#50

Toluene-d8

Concen: 47.169 ug/l

RT: 10.179 min Scan# 1371

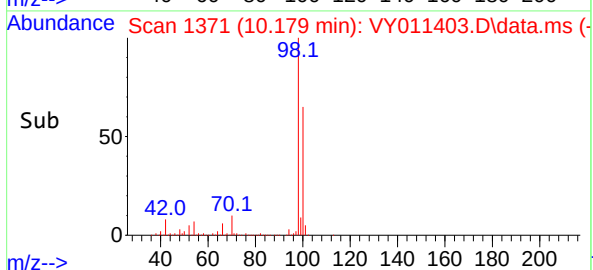
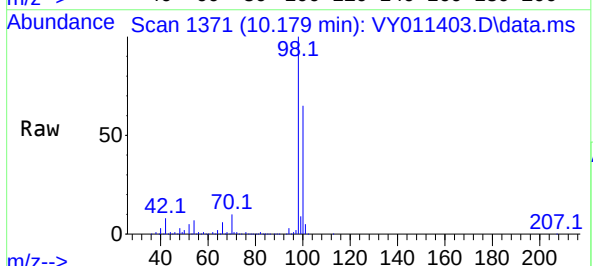
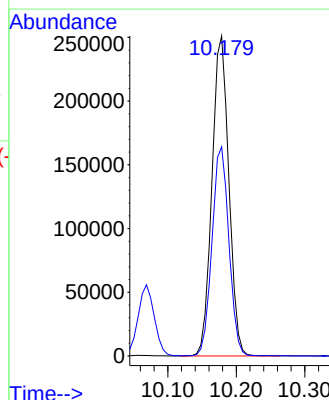
Delta R.T. -0.000 min

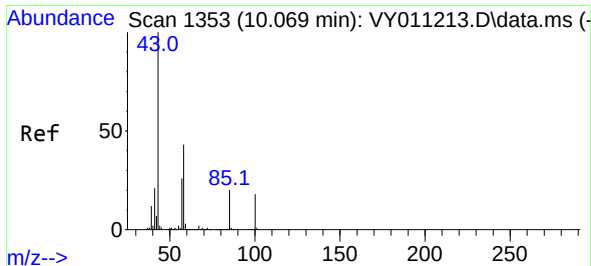
Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

Tgt Ion: 98 Resp: 428730

Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.2	75.2

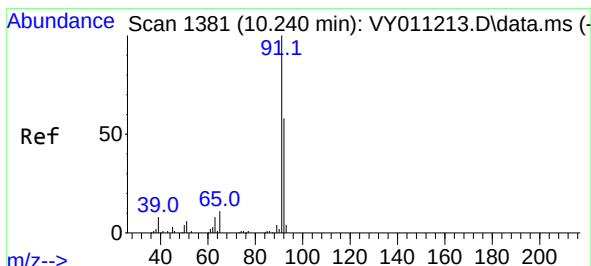
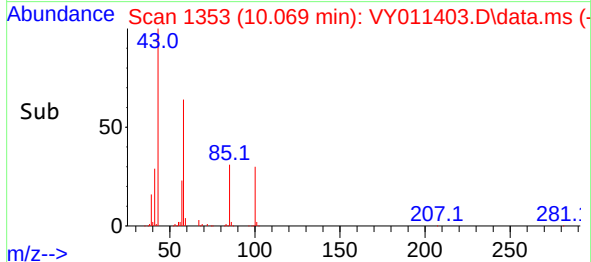
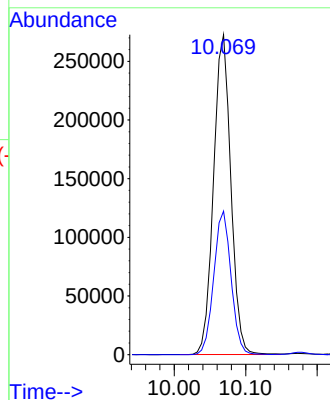
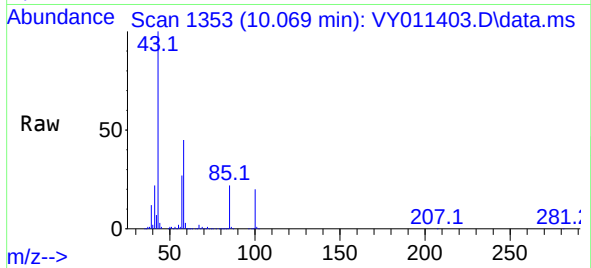




#51
4-Methyl-2-Pentanone
Concen: 266.240 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

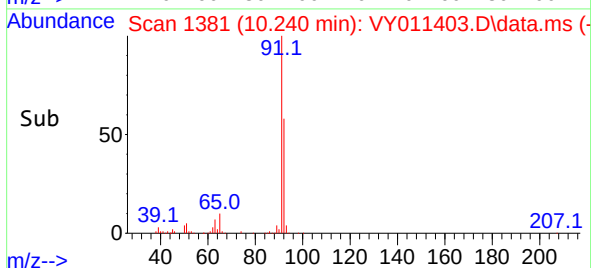
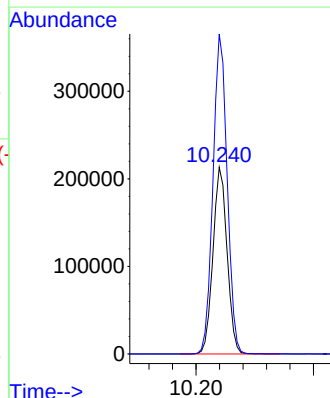
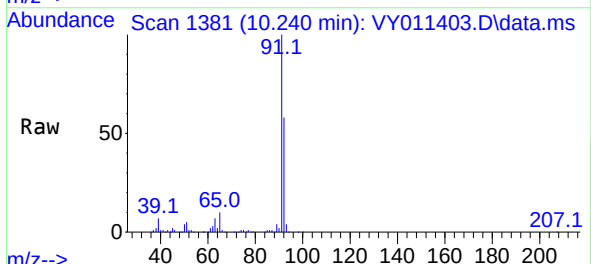
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

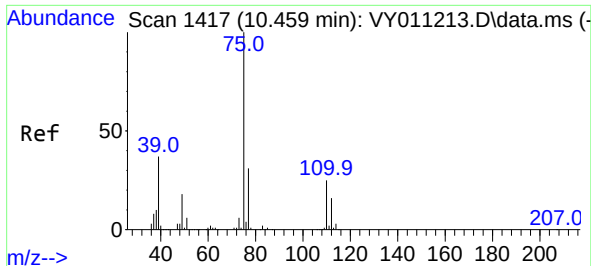
Tgt Ion: 43 Resp: 458144
Ion Ratio Lower Upper
43 100
58 44.8 28.1 42.1#



#52
Toluene
Concen: 50.426 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 92 Resp: 355081
Ion Ratio Lower Upper
92 100
91 172.2 142.6 213.8

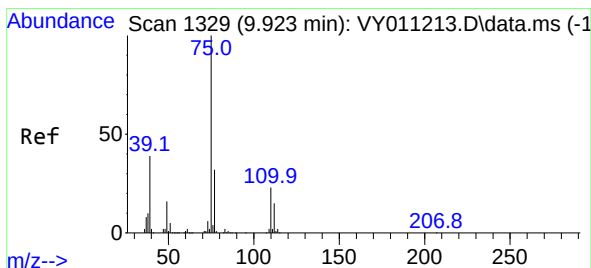
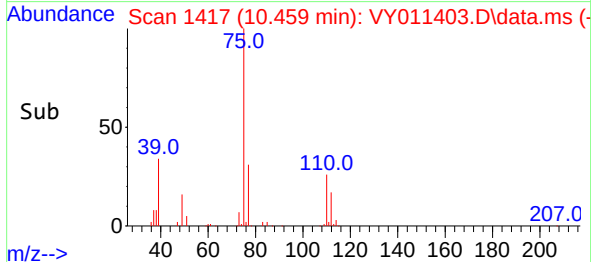
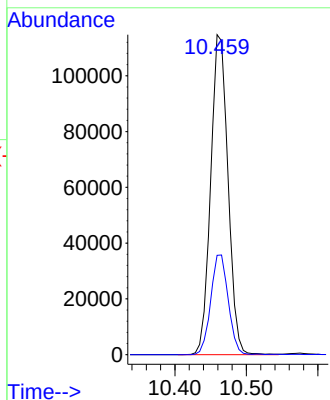
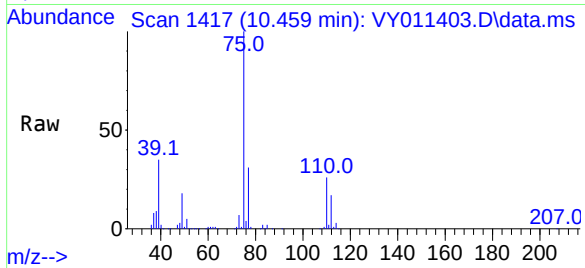




#53
 t-1,3-Dichloropropene
 Concen: 51.068 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VY011403.D
 Acq: 10 Nov 2022 20:02

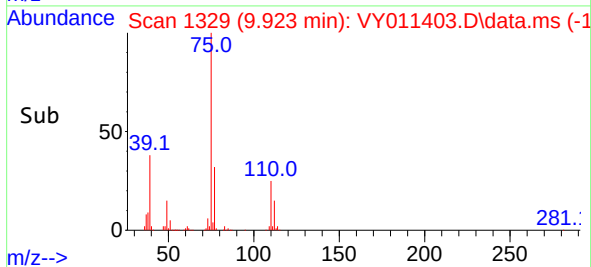
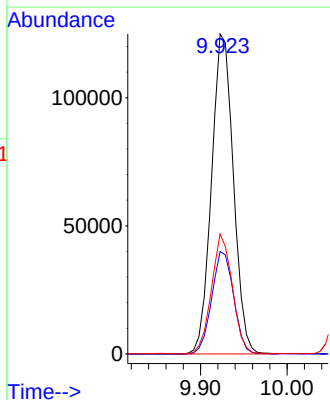
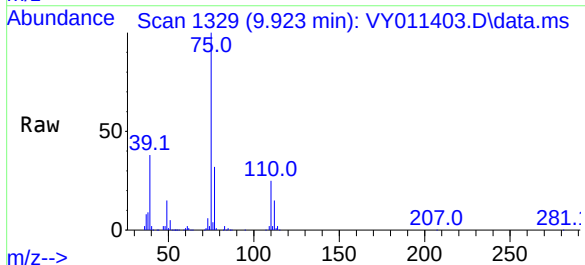
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

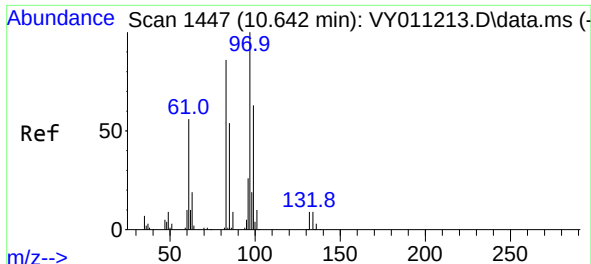
Tgt Ion: 75 Resp: 192775
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.269 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY011403.D
 Acq: 10 Nov 2022 20:02

Tgt Ion: 75 Resp: 219014
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 37.5 47.6 71.4#



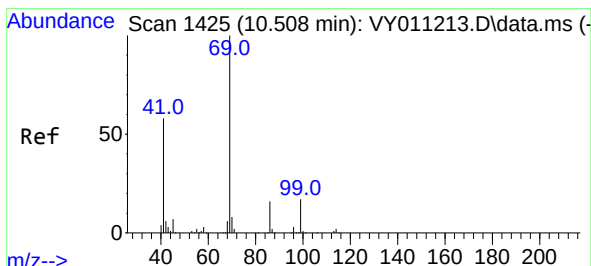
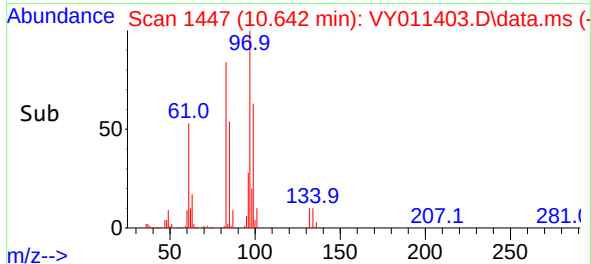
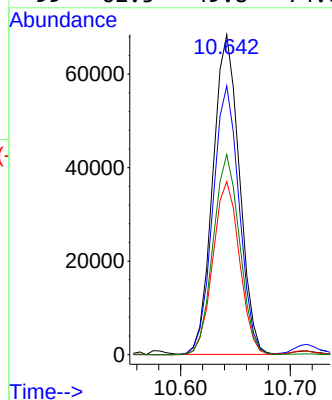
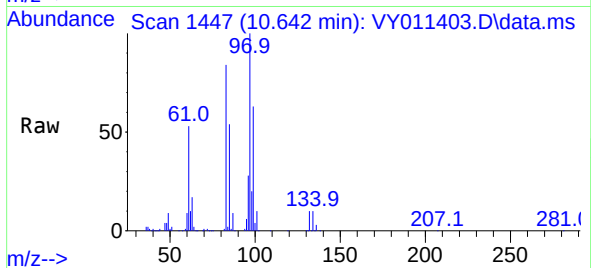


#55
1,1,2-Trichloroethane
Concen: 52.049 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 115172

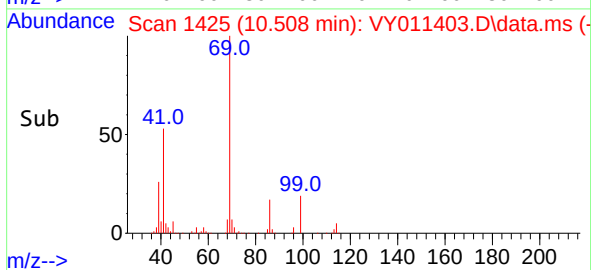
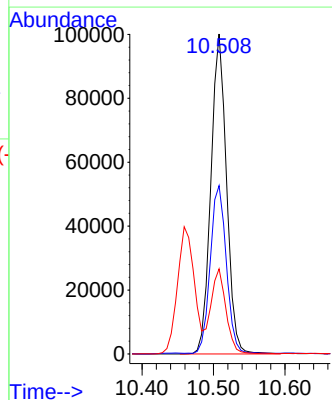
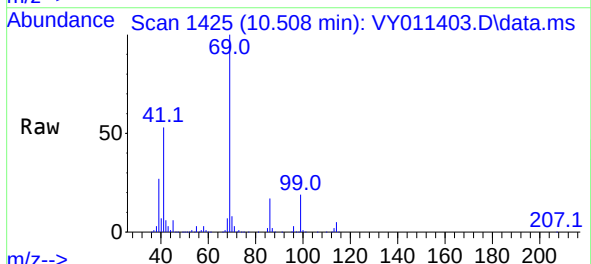
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.8	104.8
85	54.2	44.3	66.5
99	62.5	49.8	74.6

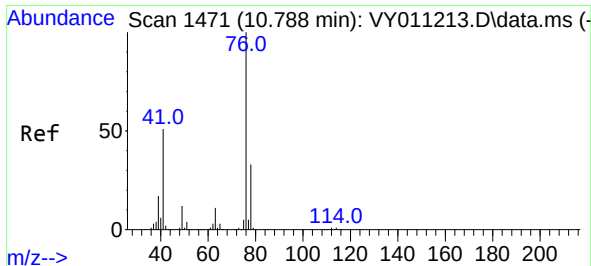


#56
Ethyl methacrylate
Concen: 53.471 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 69 Resp: 152150

Ion	Ratio	Lower	Upper
69	100		
41	53.9	63.4	95.0#
39	25.8	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 51.796 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_Y

ClientSampleId :

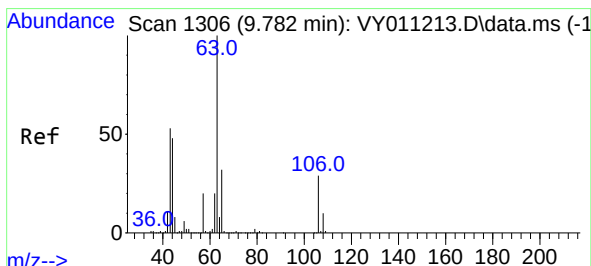
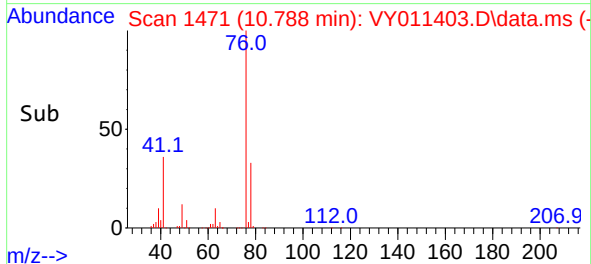
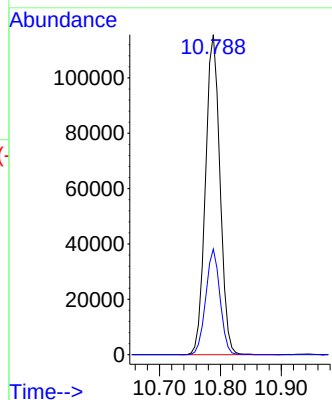
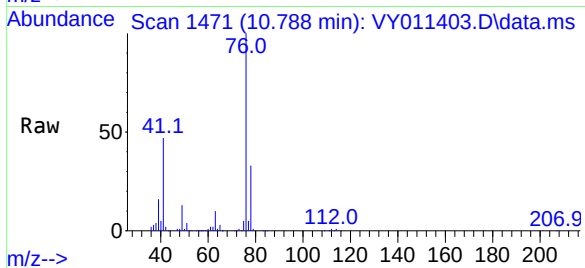
VSTDCCC050EC

Tgt Ion: 76 Resp: 191196

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 269.997 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011403.D

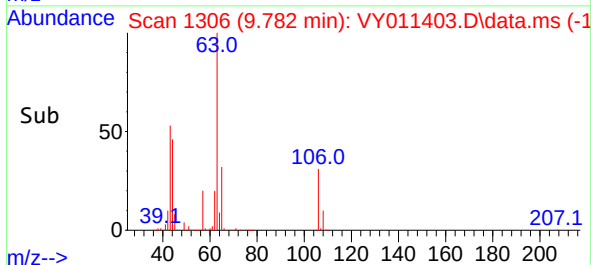
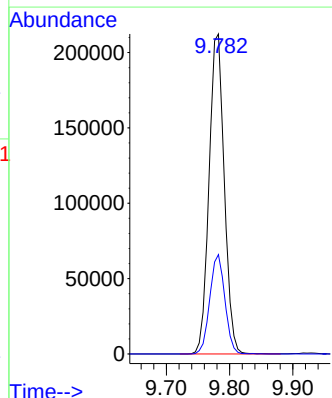
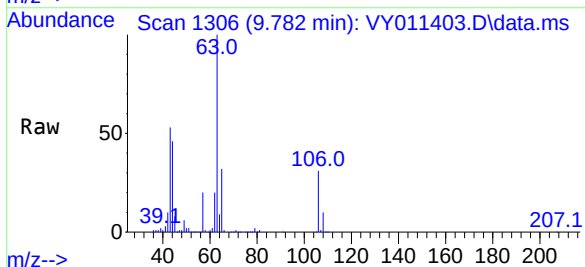
Acq: 10 Nov 2022 20:02

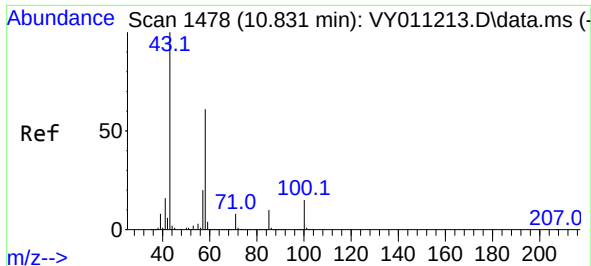
Tgt Ion: 63 Resp: 355132

Ion Ratio Lower Upper

63 100

106 30.8 21.5 32.3

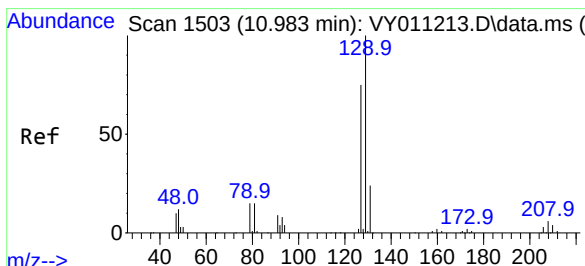
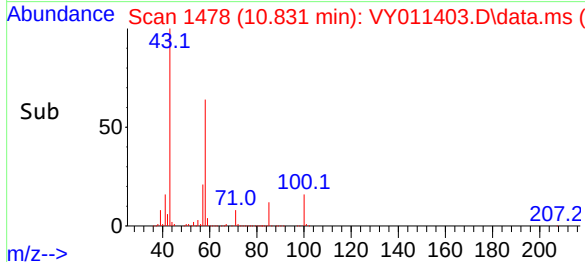
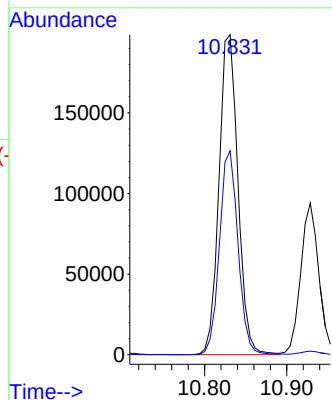
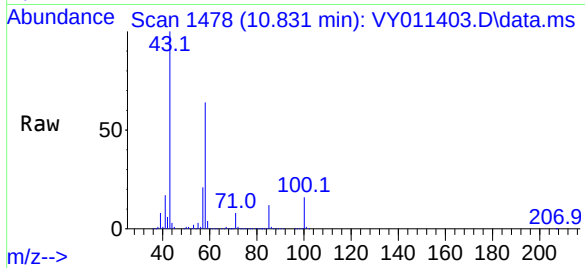




#59
2-Hexanone
Concen: 261.412 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

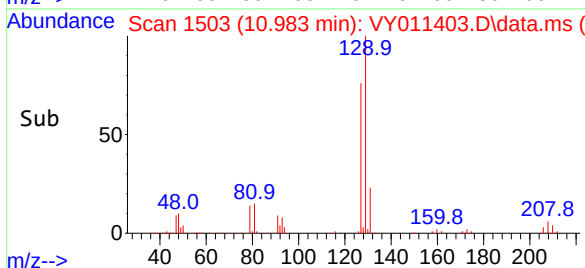
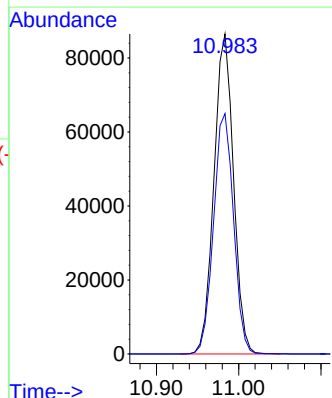
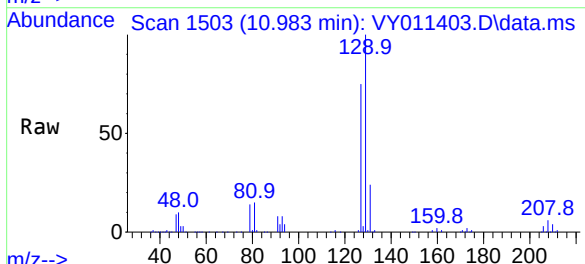
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

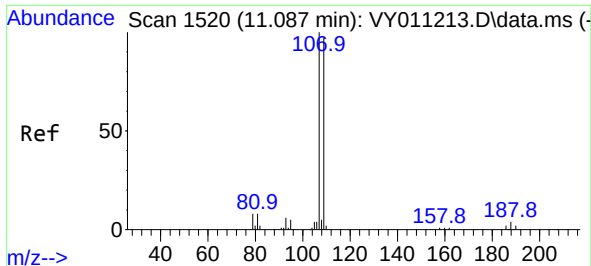
Tgt Ion: 43 Resp: 318674
Ion Ratio Lower Upper
43 100
58 62.4 24.4 73.4



#60
Dibromochloromethane
Concen: 52.220 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 129 Resp: 142630
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

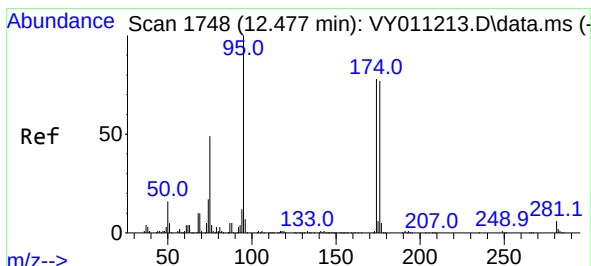
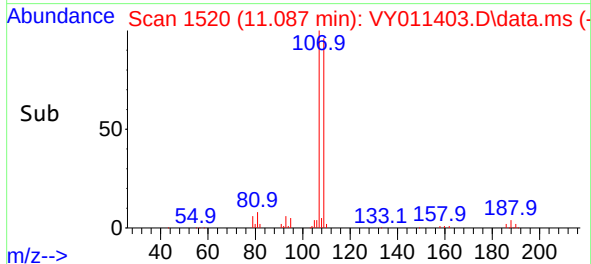
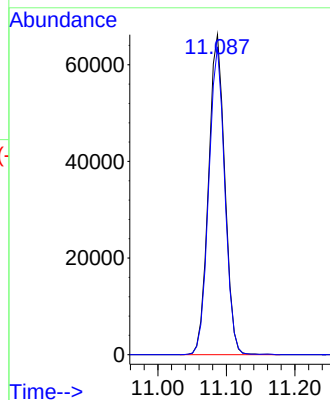
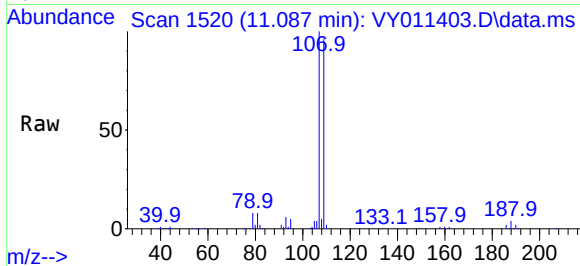




#61
1,2-Dibromoethane
Concen: 51.515 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

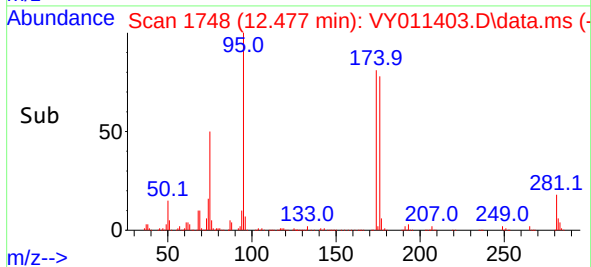
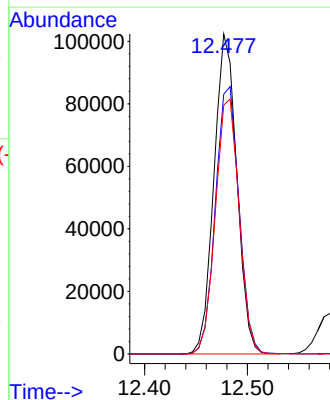
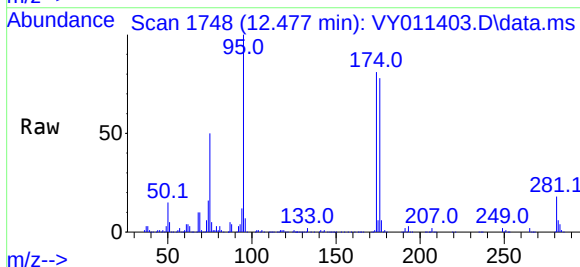
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

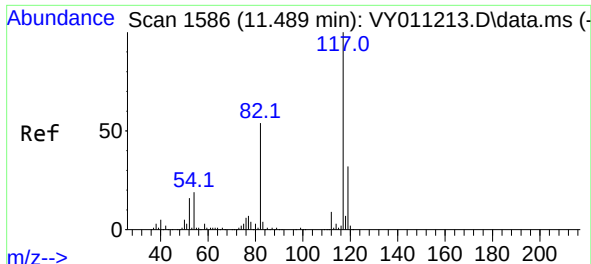
Tgt Ion:107 Resp: 109602
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.770 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 95 Resp: 157782
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 82.8 0.0 175.8

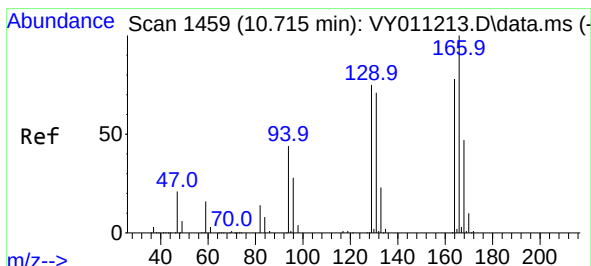
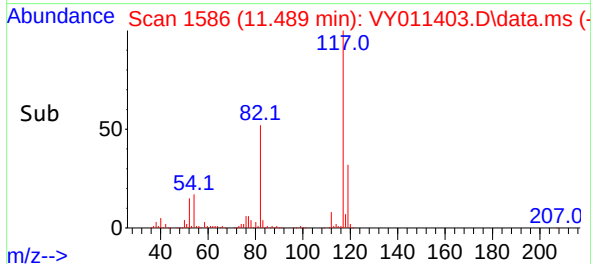
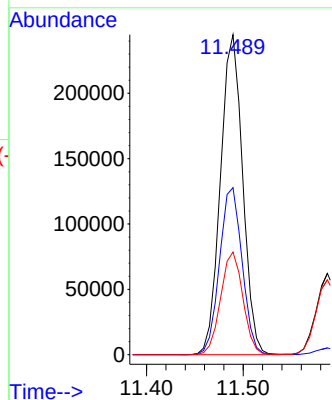
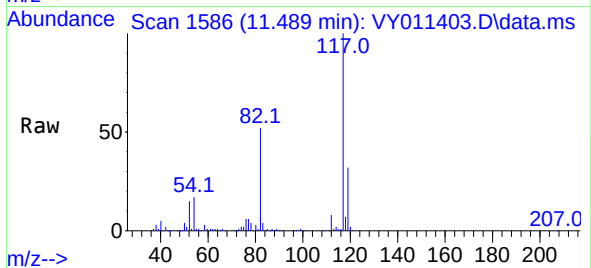




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

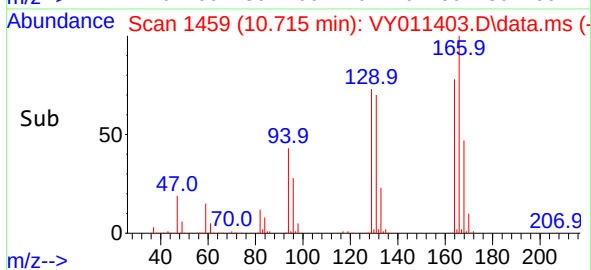
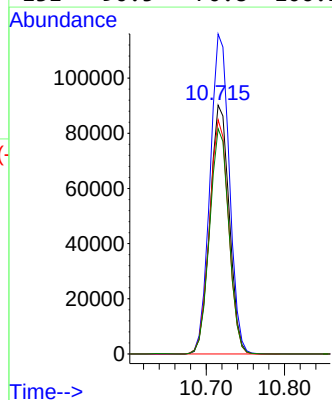
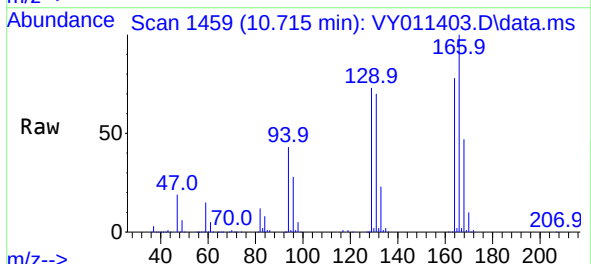
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

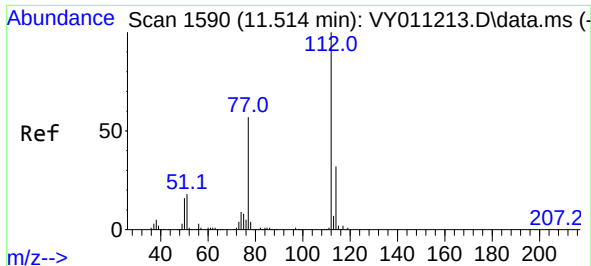
Tgt Ion:117 Resp: 390373
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 49.458 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion:164 Resp: 154328
Ion Ratio Lower Upper
164 100
166 128.6 100.4 150.6
129 94.2 71.4 107.0
131 90.5 70.8 106.2

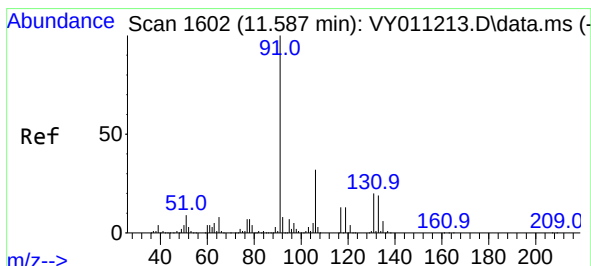
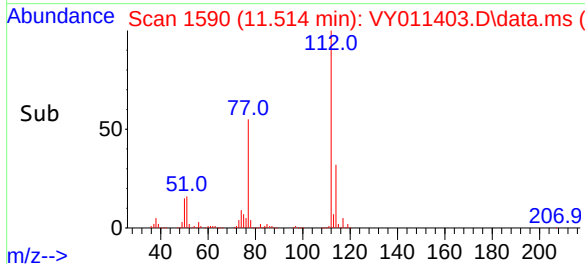
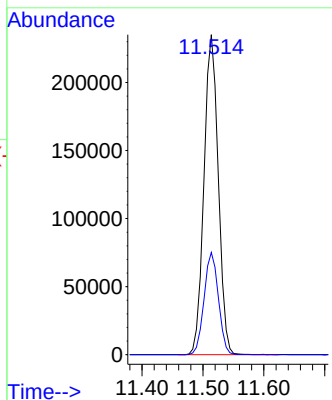
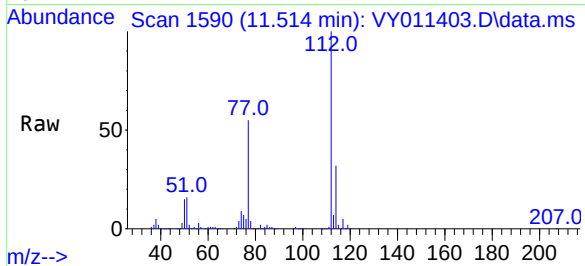




#65
Chlorobenzene
Concen: 49.101 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

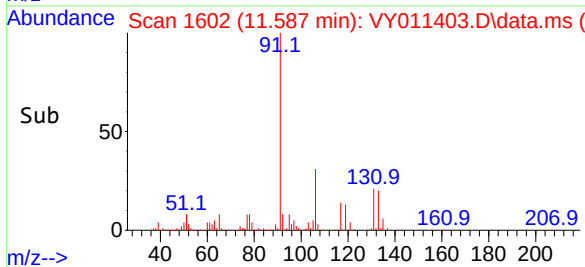
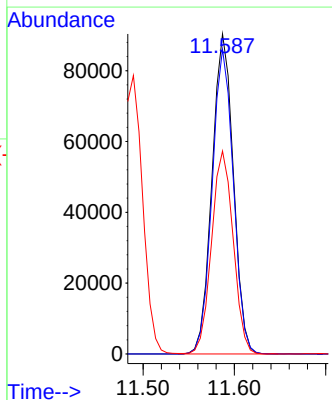
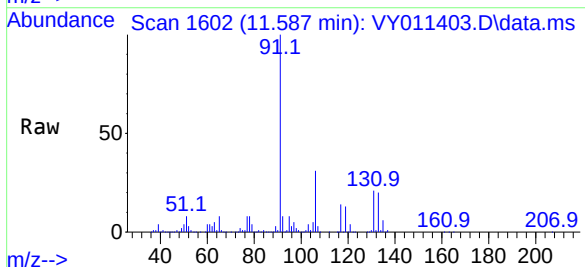
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

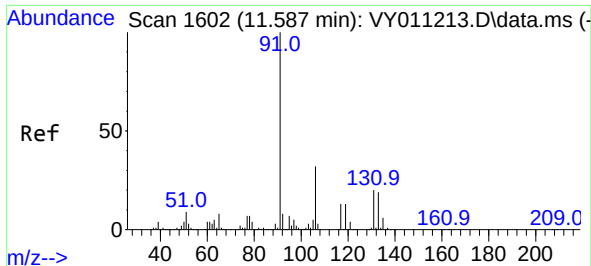
Tgt Ion:112 Resp: 383638
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.104 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion:131 Resp: 146468
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 64.4 30.8 92.3

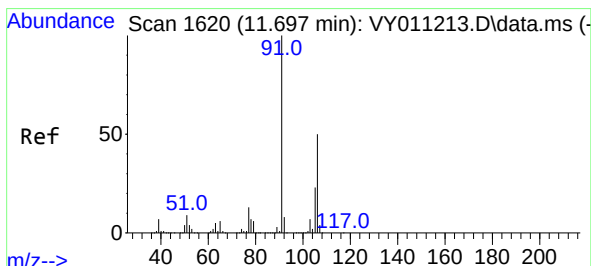
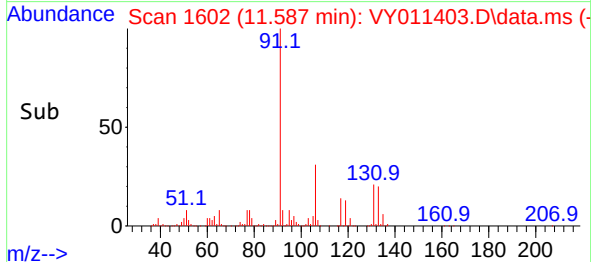
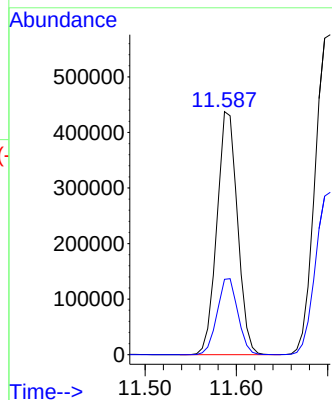
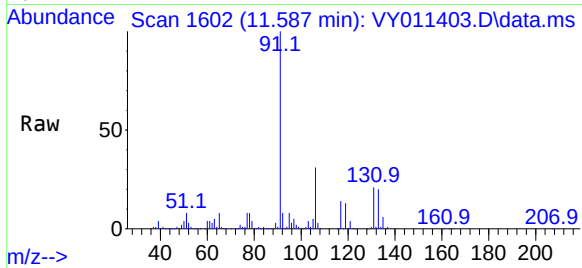




#67
Ethyl Benzene
Concen: 50.223 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

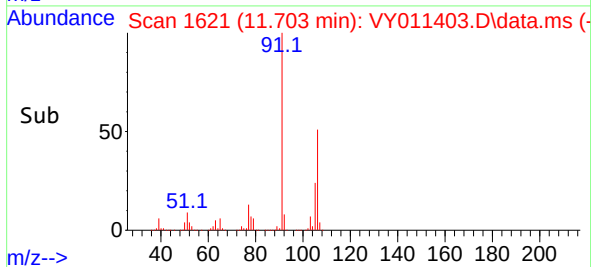
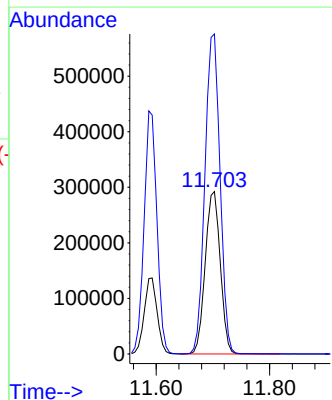
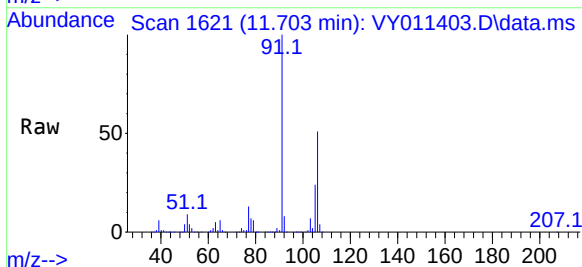
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

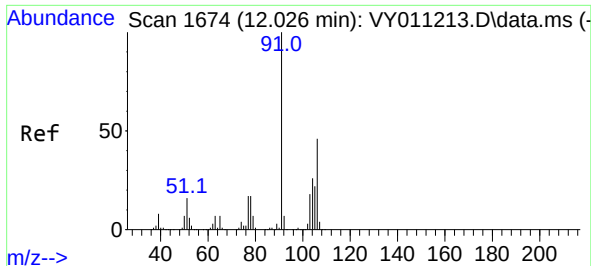
Tgt Ion: 91 Resp: 685673
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 100.630 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion:106 Resp: 538624
Ion Ratio Lower Upper
106 100
91 197.6 166.6 249.8

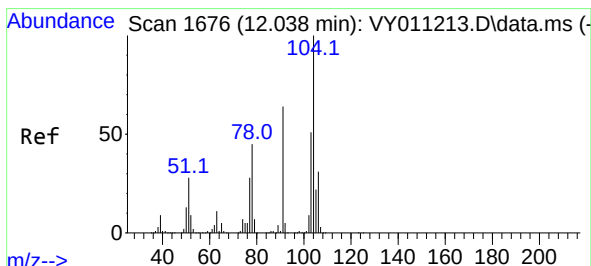
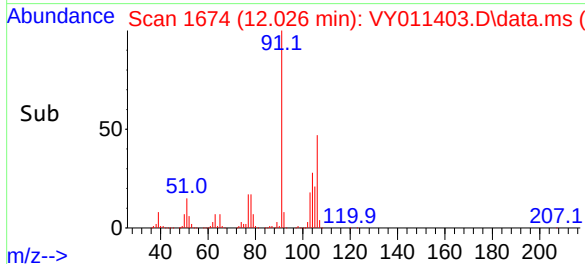
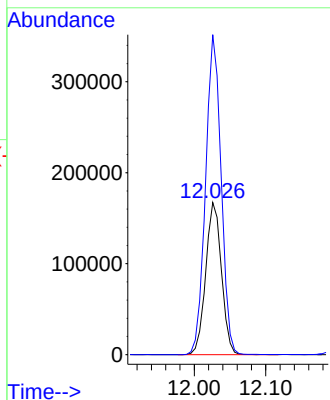
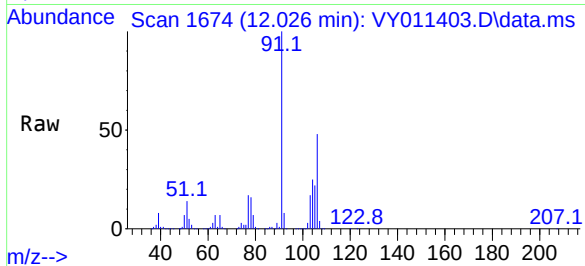




#69
o-Xylene
Concen: 50.585 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

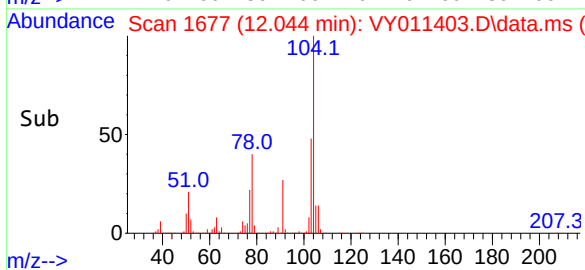
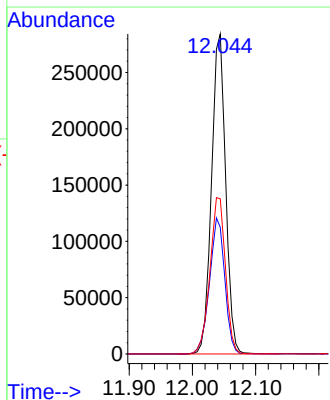
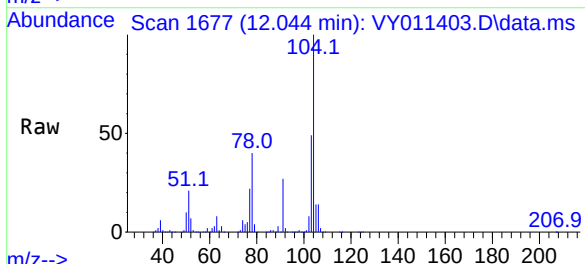
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

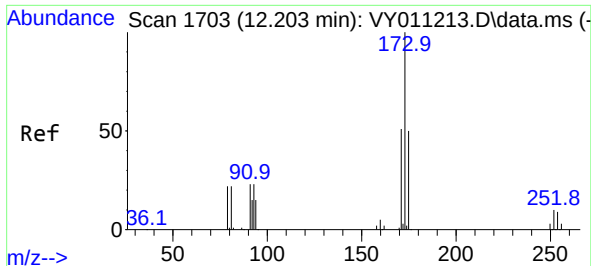
Tgt Ion:106 Resp: 255369
Ion Ratio Lower Upper
106 100
91 208.2 110.3 331.0



#70
Styrene
Concen: 52.063 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion:104 Resp: 441824
Ion Ratio Lower Upper
104 100
78 45.9 42.4 63.6
103 53.8 44.4 66.6

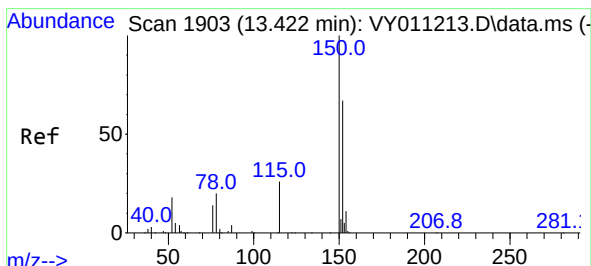
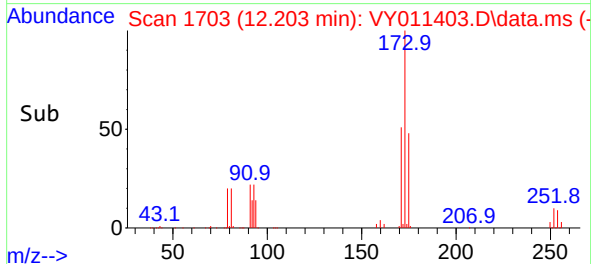
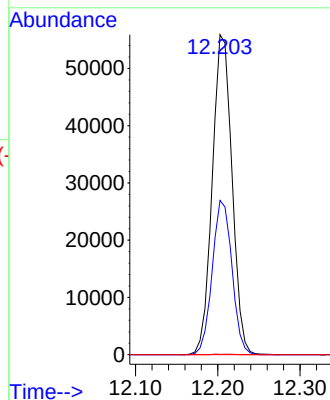
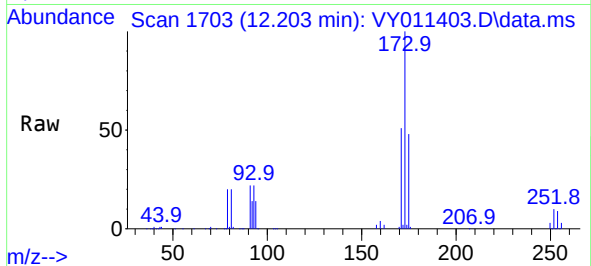




#71
Bromoform
Concen: 51.459 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

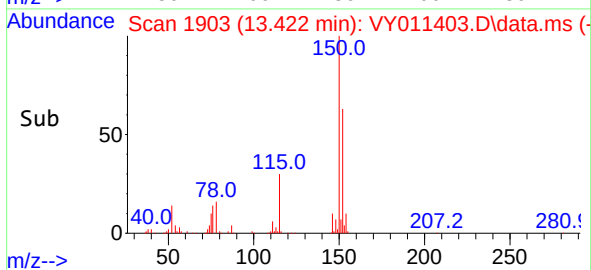
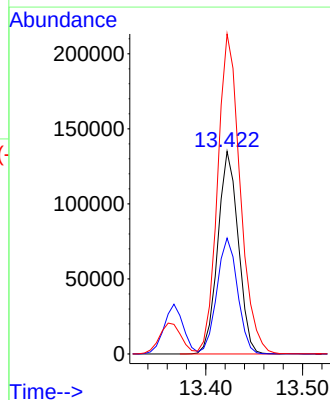
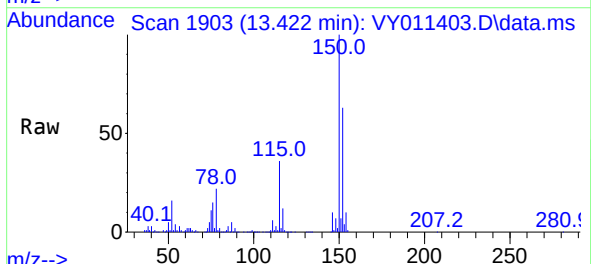
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

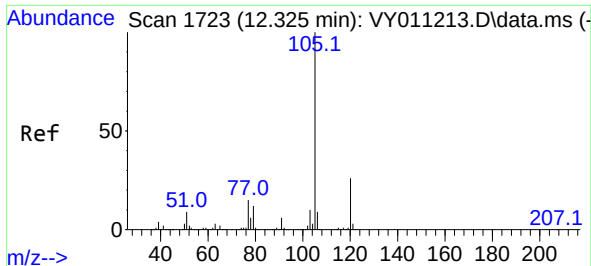
Tgt Ion:173 Resp: 93241
Ion Ratio Lower Upper
173 100
175 48.1 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion:152 Resp: 198451
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 173.6 0.0 347.6

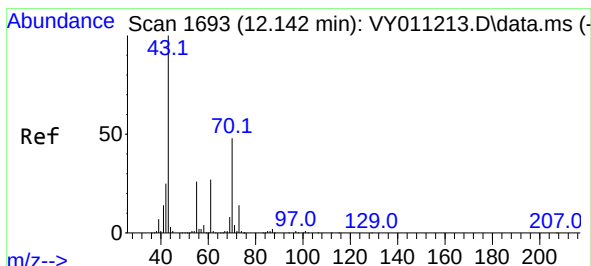
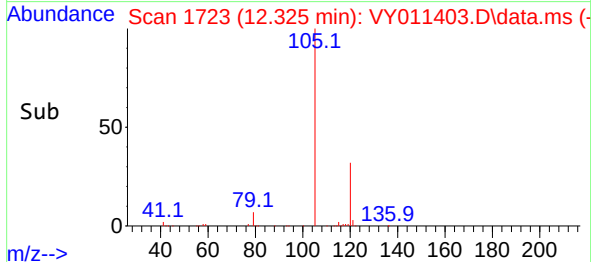
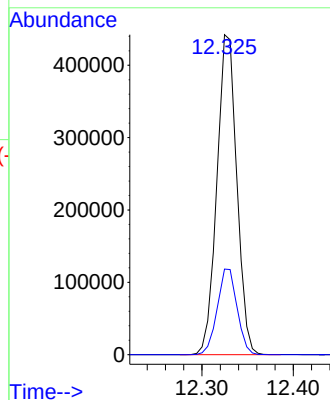
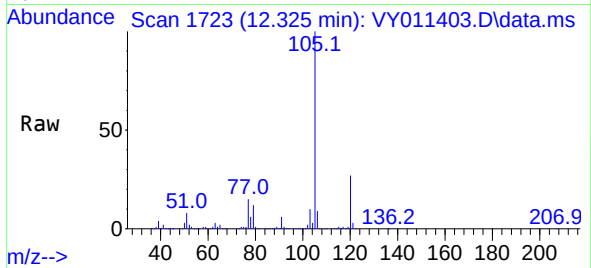




#73
Isopropylbenzene
Concen: 48.908 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

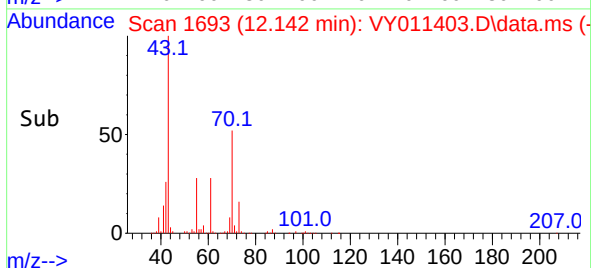
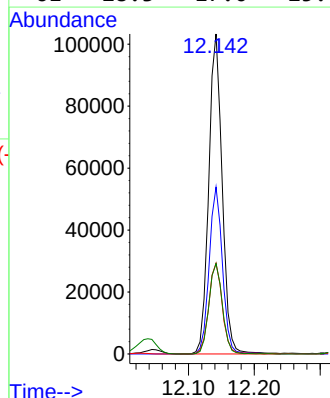
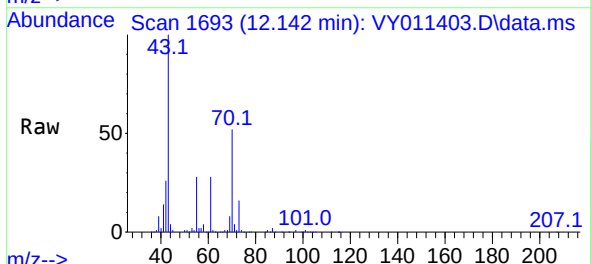
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

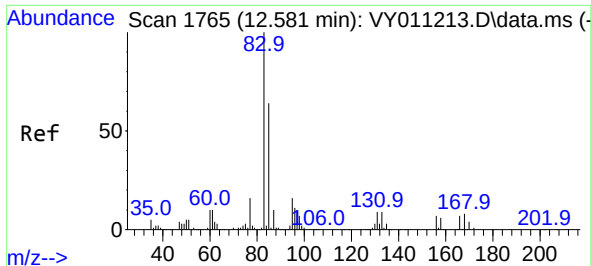
Tgt Ion:105 Resp: 670835
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 51.004 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 43 Resp: 147185
Ion Ratio Lower Upper
43 100
70 51.6 28.7 43.1#
55 28.6 17.3 25.9#
61 28.3 17.0 25.6#

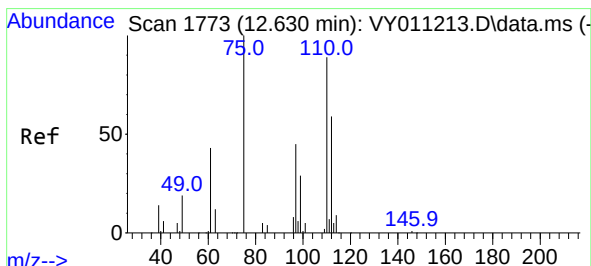
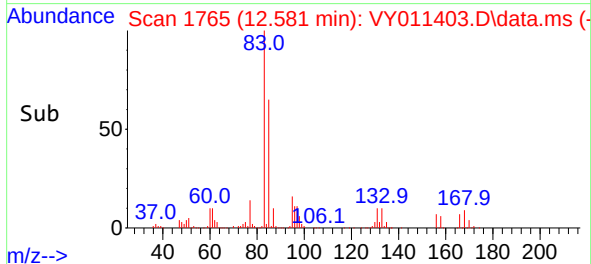
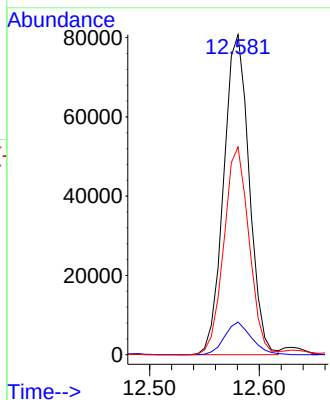
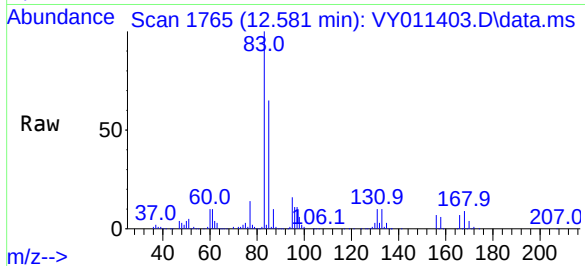




#75
1,1,2,2-Tetrachloroethane
Concen: 49.459 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

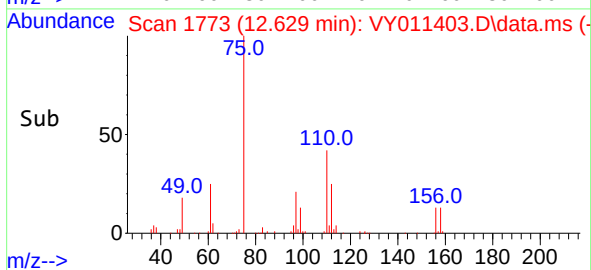
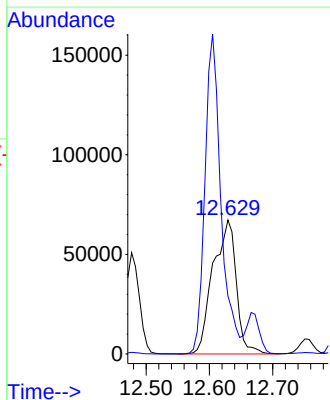
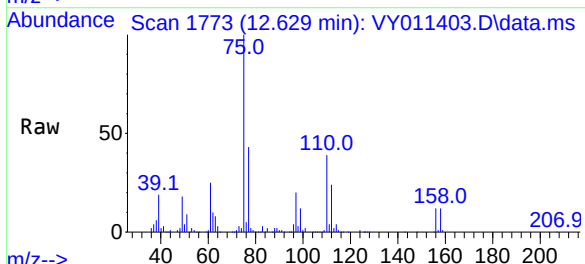
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

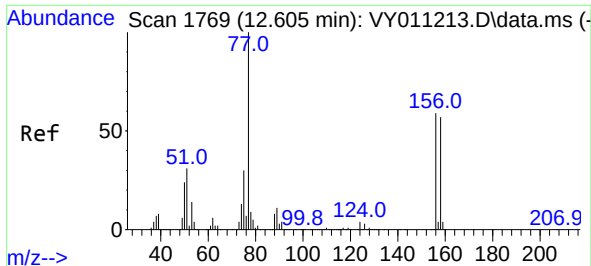
Tgt Ion: 83 Resp: 130341
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 64.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 74.731 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 75 Resp: 171666
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

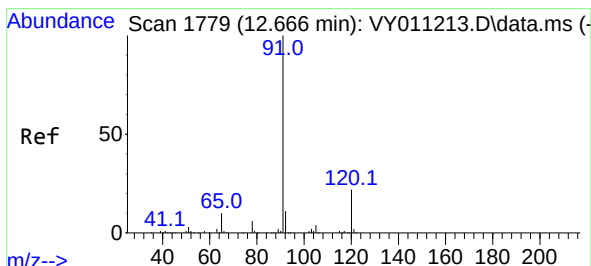
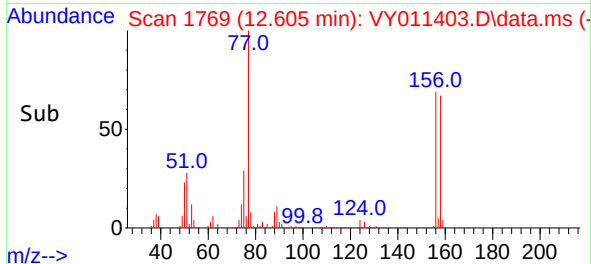
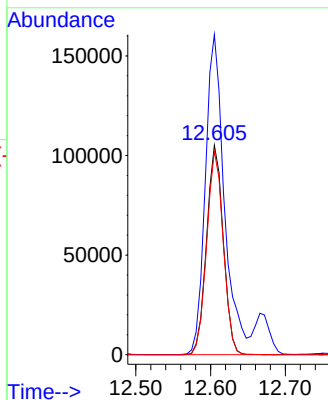
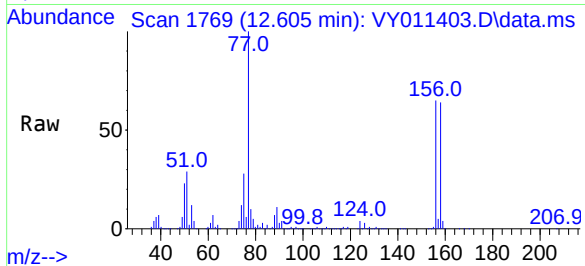




#77
Bromobenzene
Concen: 49.576 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

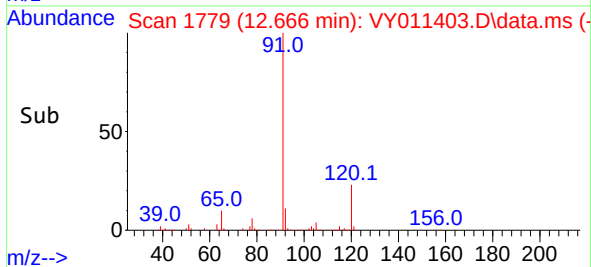
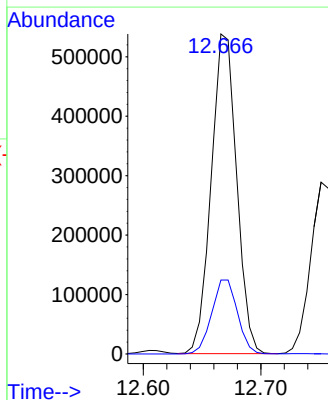
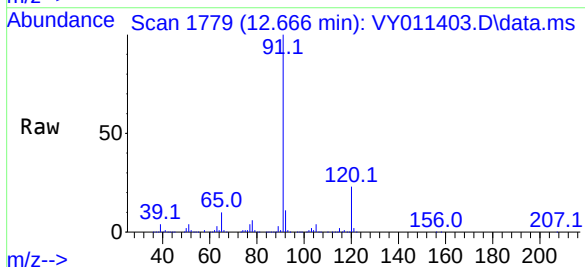
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

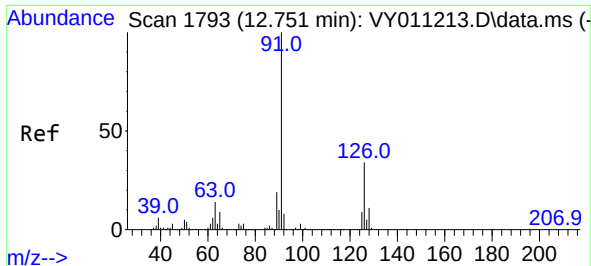
Tgt Ion:156 Resp: 162610
Ion Ratio Lower Upper
156 100
77 173.9 95.5 286.4
158 96.7 48.0 144.0



#78
n-propylbenzene
Concen: 49.421 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 91 Resp: 808837
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.9

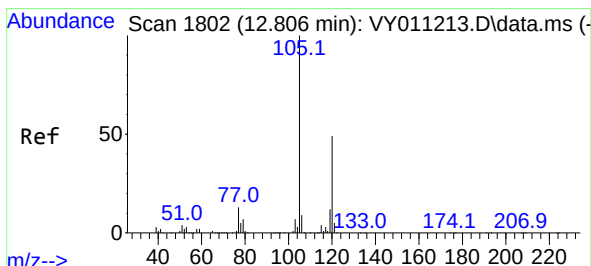
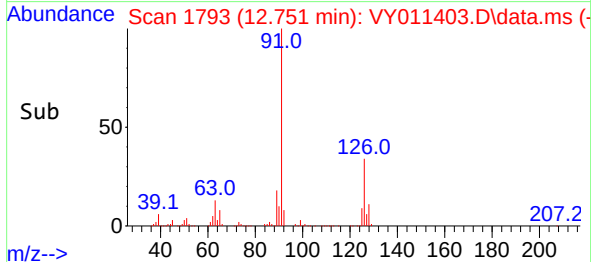
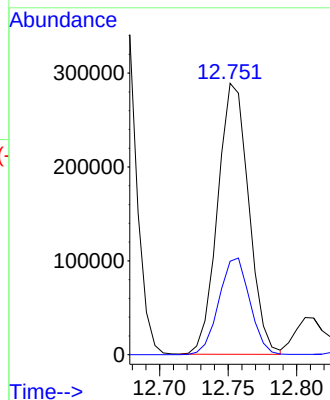
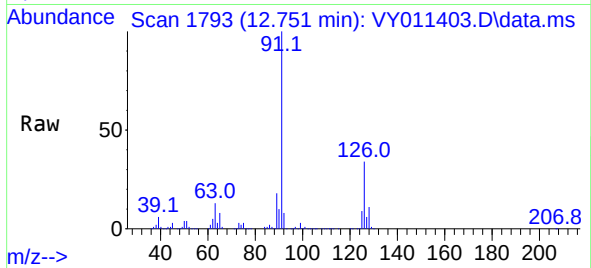




#79
2-Chlorotoluene
Concen: 48.711 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

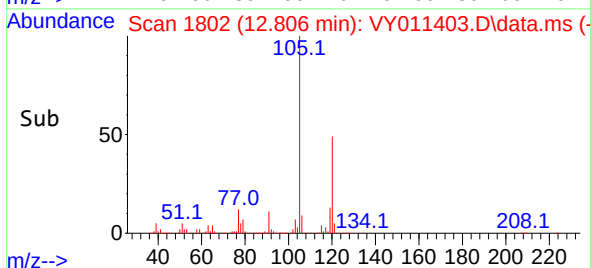
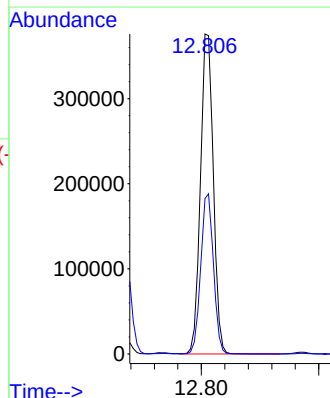
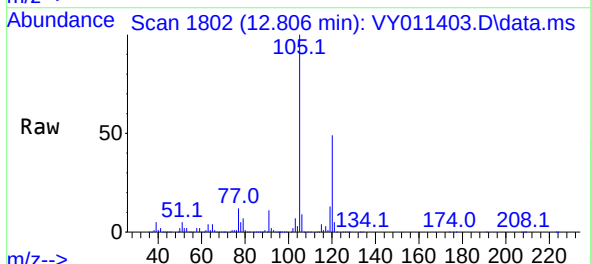
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

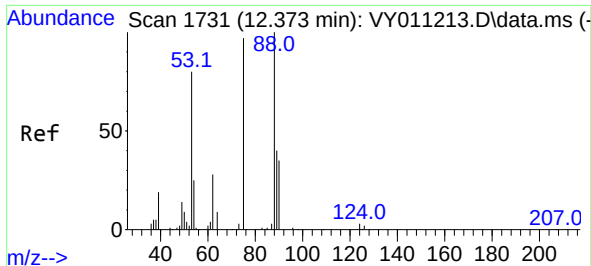
Tgt Ion: 91 Resp: 455927
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 49.522 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 105 Resp: 572911
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.4

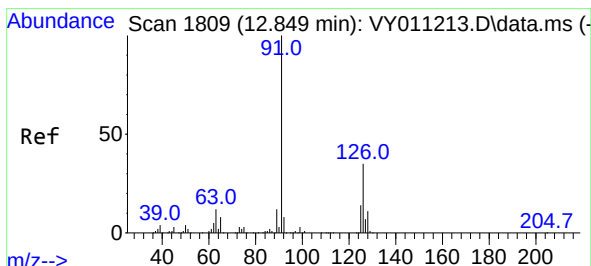
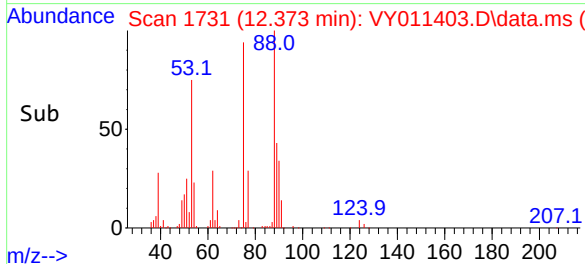
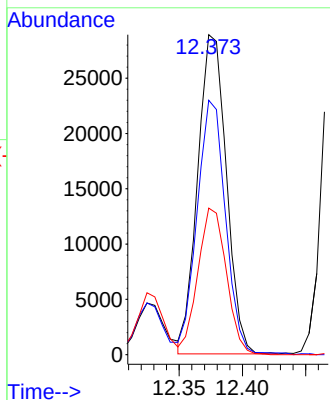
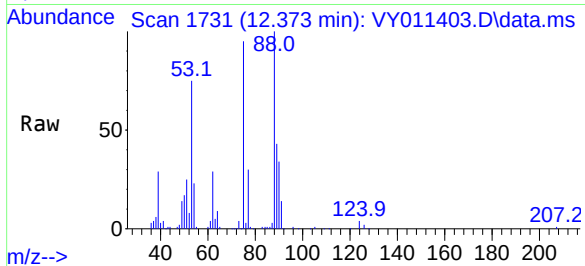




#81
trans-1,4-Dichloro-2-butene
Concen: 47.695 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

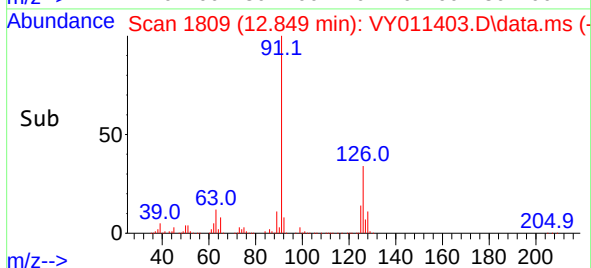
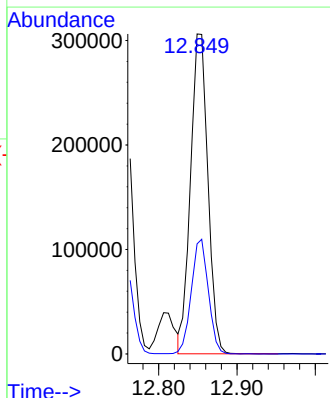
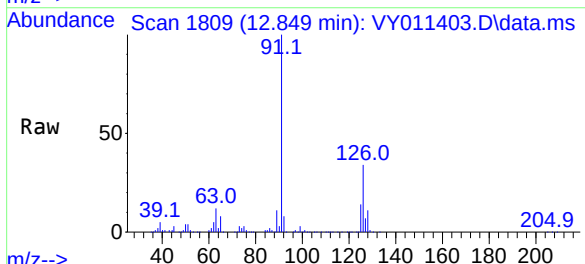
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

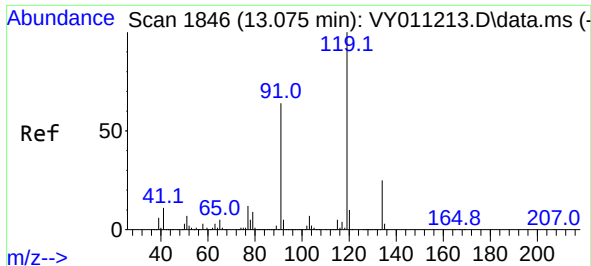
Tgt Ion: 75 Resp: 45580
Ion Ratio Lower Upper
75 100
53 79.3 85.3 127.9#
89 45.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.622 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 91 Resp: 472435
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0

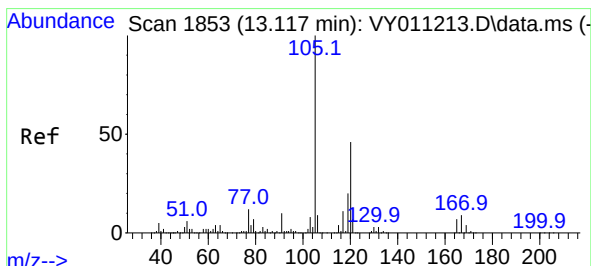
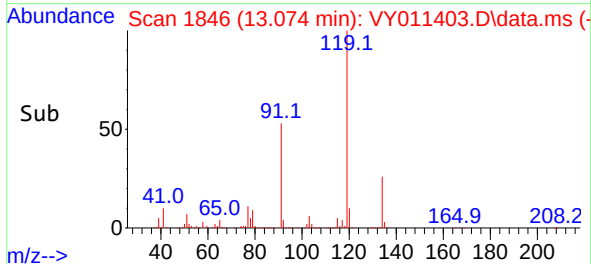
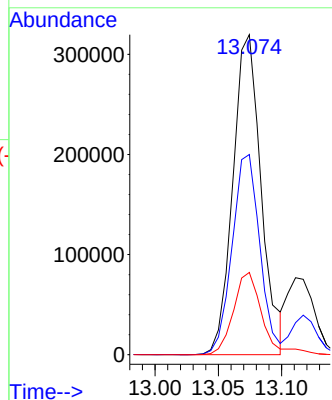
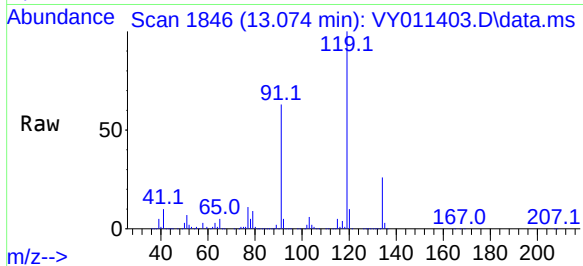




#83
tert-Butylbenzene
Concen: 49.784 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

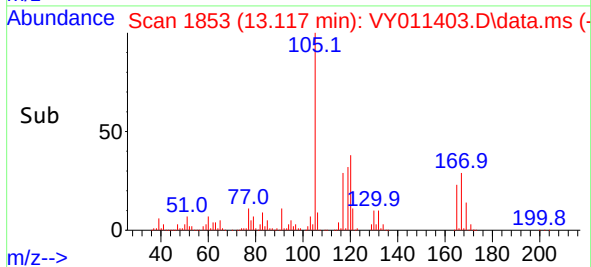
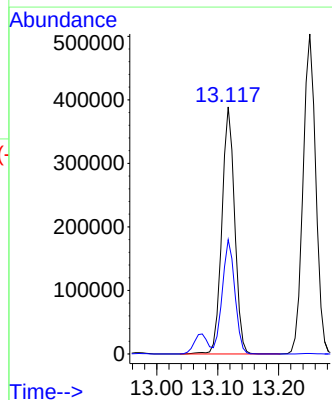
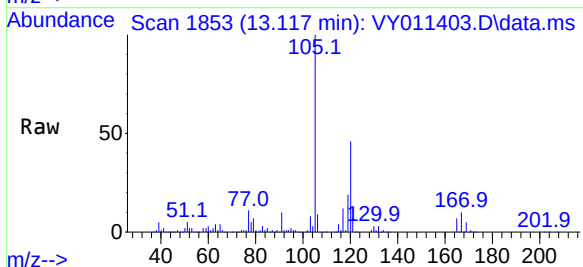
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

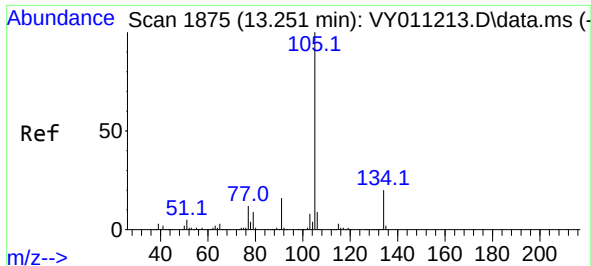
Tgt Ion:119 Resp: 497959
Ion Ratio Lower Upper
119 100
91 61.3 34.8 104.4
134 26.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 49.944 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion:105 Resp: 567152
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.9

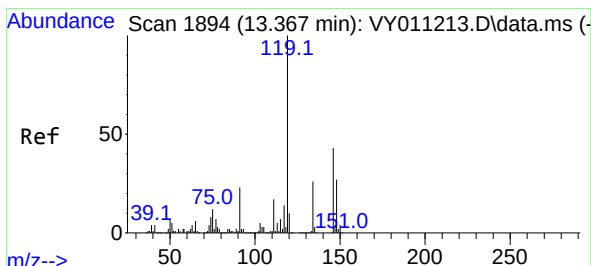
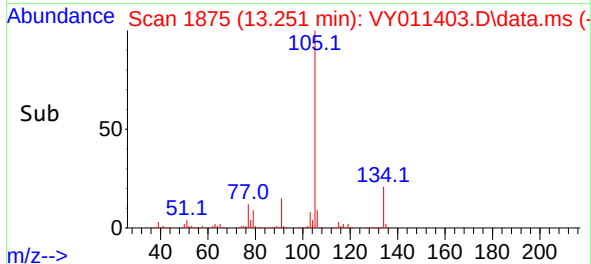
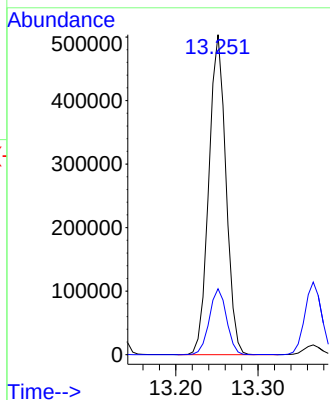
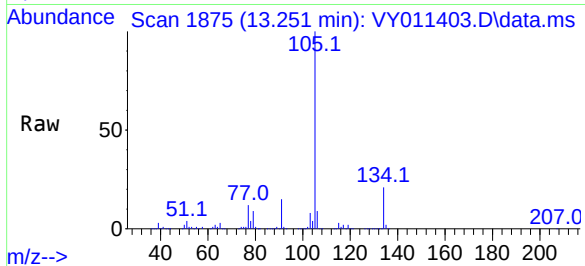




#85
 sec-Butylbenzene
 Concen: 49.434 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY011403.D
 Acq: 10 Nov 2022 20:02

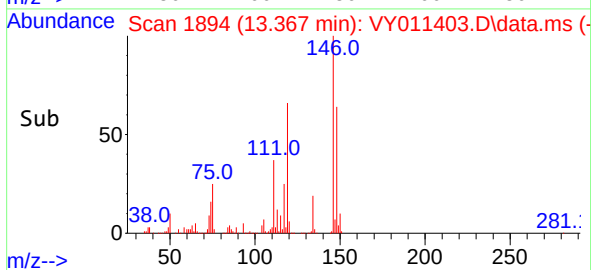
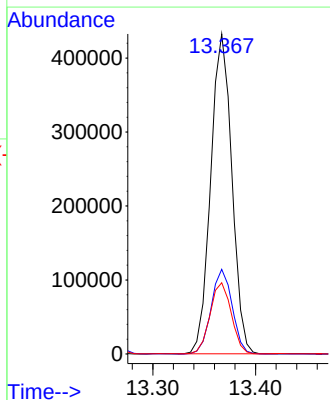
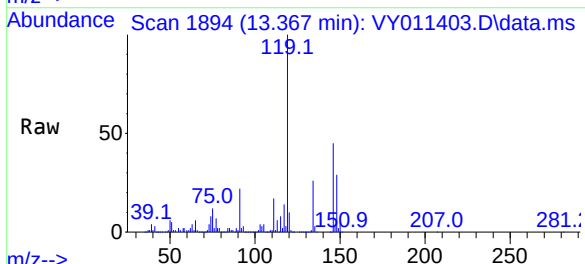
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

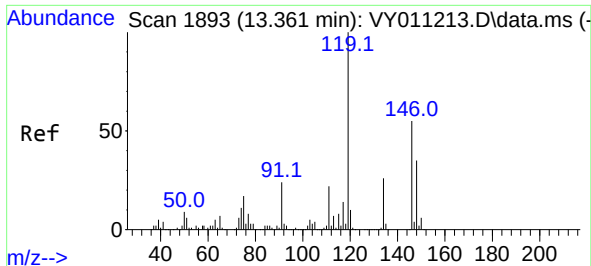
Tgt Ion:105 Resp: 727847
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.976 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY011403.D
 Acq: 10 Nov 2022 20:02

Tgt Ion:119 Resp: 616787
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 22.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.507 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

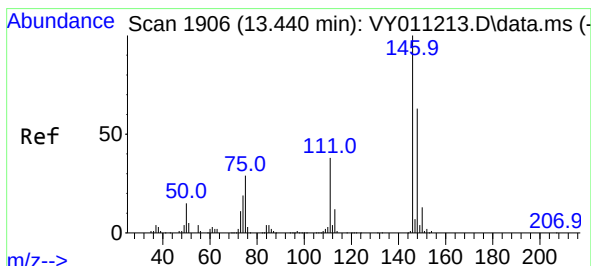
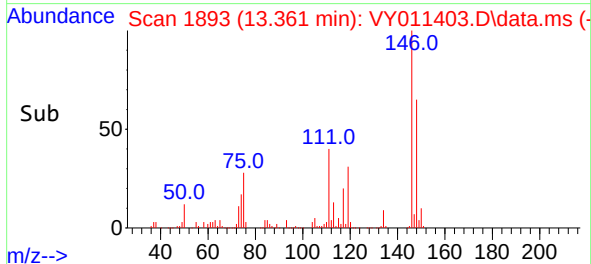
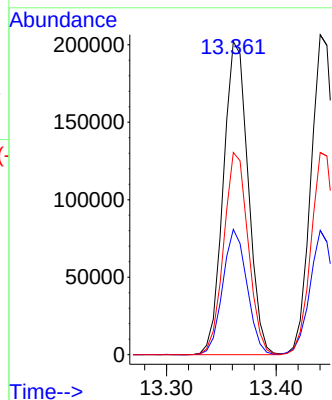
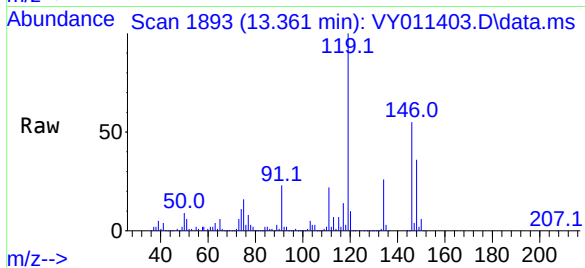
Tgt Ion:146 Resp: 317605

Ion Ratio Lower Upper

146 100

111 39.1 19.5 58.5

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.806 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.007 min

Lab File: VY011403.D

Acq: 10 Nov 2022 20:02

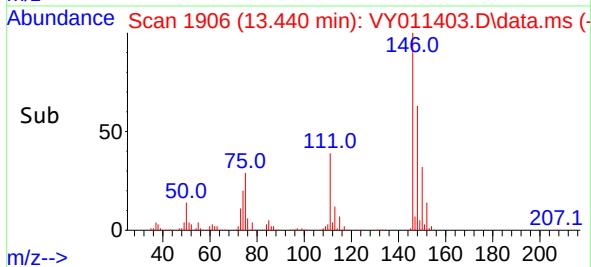
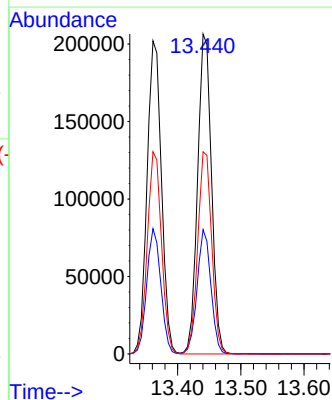
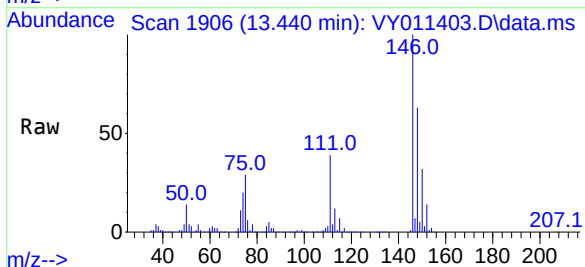
Tgt Ion:146 Resp: 316018

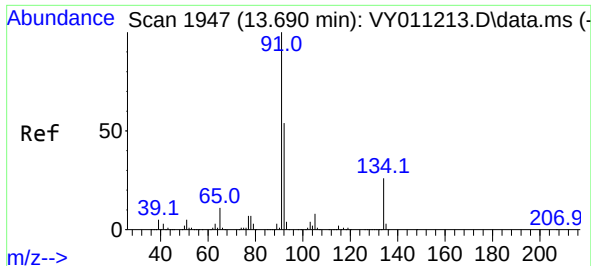
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

148 63.6 32.6 97.8

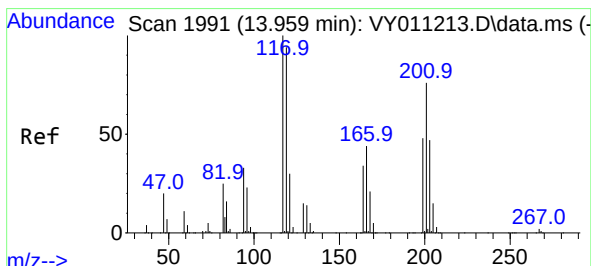
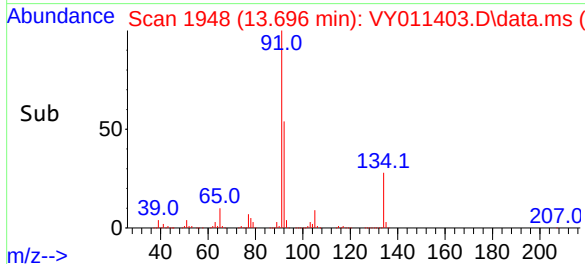
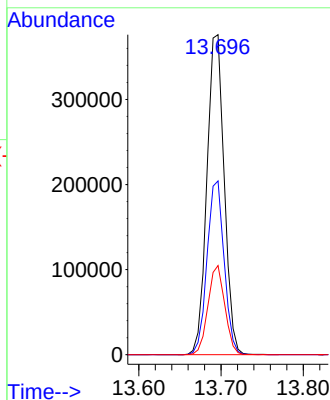
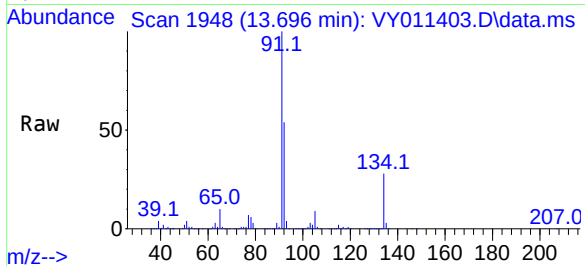




#89
n-Butylbenzene
Concen: 49.575 ug/l
RT: 13.696 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

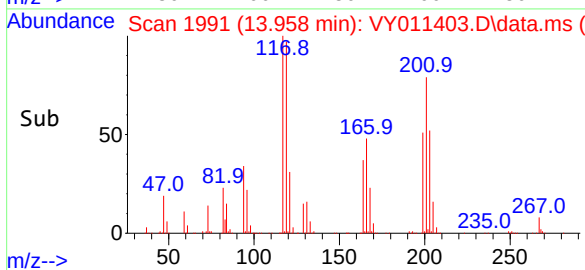
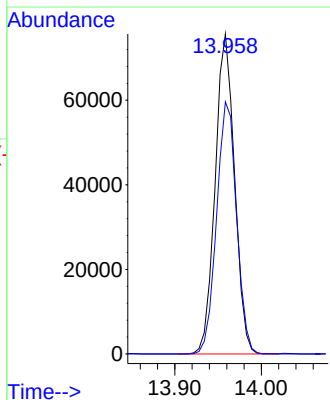
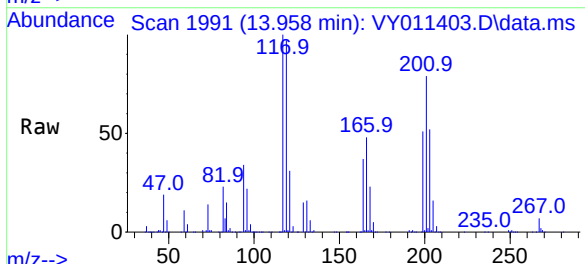
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

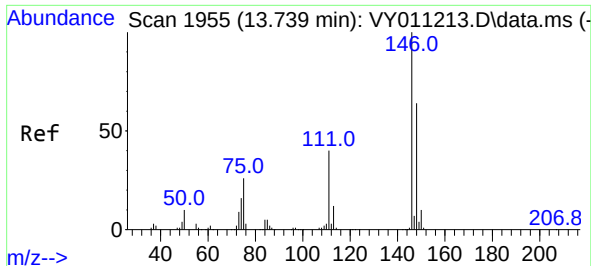
Tgt Ion: 91 Resp: 549767
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 27.1 13.0 38.9



#90
Hexachloroethane
Concen: 48.783 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 117 Resp: 117796
Ion Ratio Lower Upper
117 100
201 80.9 43.0 128.8

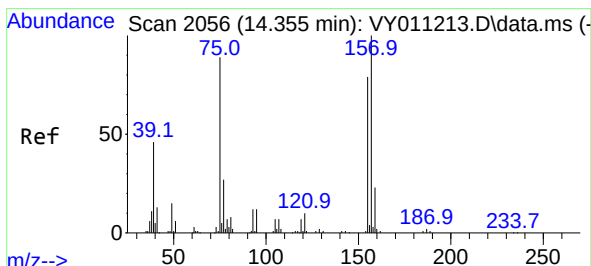
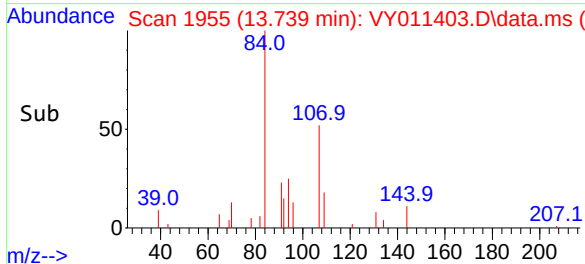
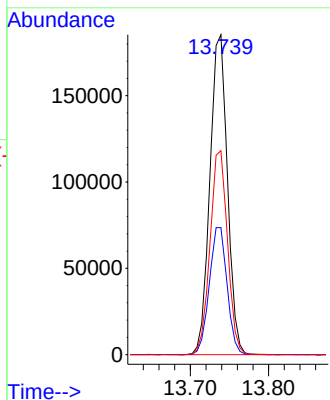
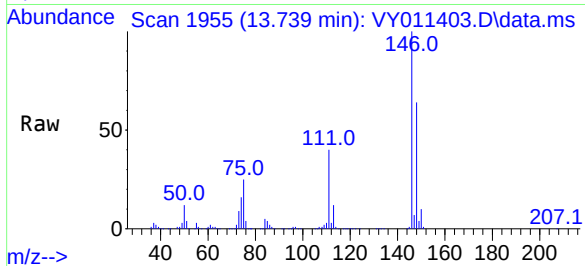




#91
1,2-Dichlorobenzene
Concen: 49.579 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

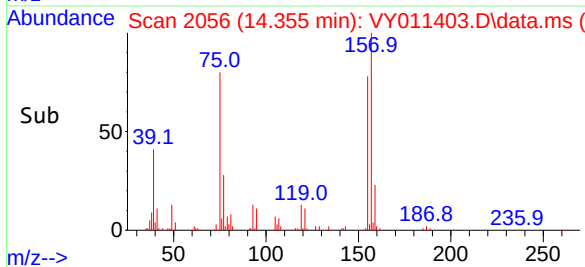
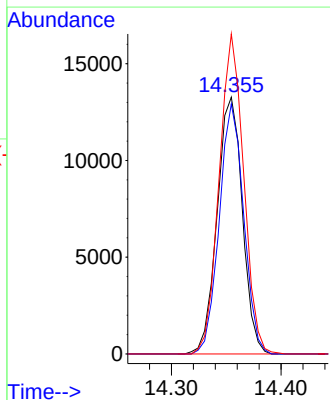
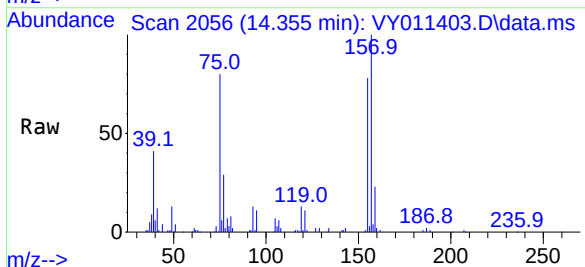
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

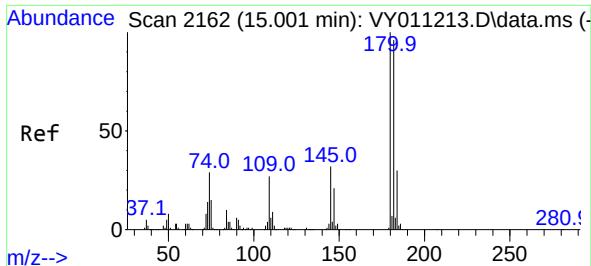
Tgt Ion:146 Resp: 287974
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 63.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.331 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 75 Resp: 21182
Ion Ratio Lower Upper
75 100
155 94.1 38.0 113.9
157 121.0 47.8 143.3

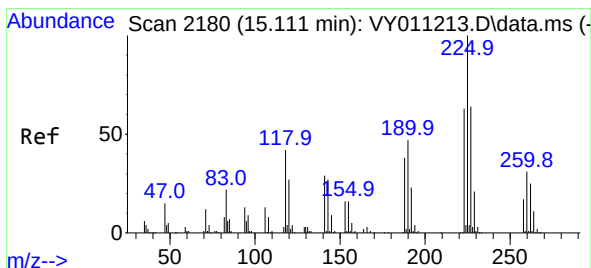
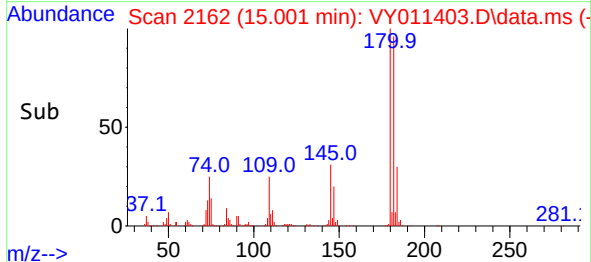
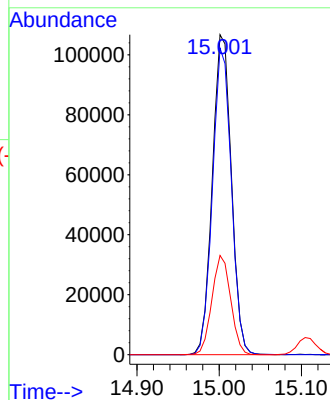
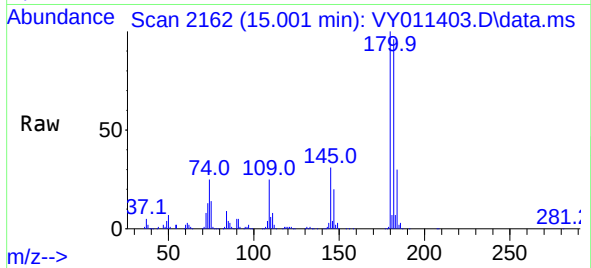




#93
1,2,4-Trichlorobenzene
Concen: 49.972 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

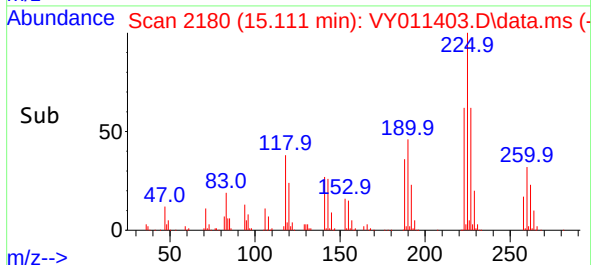
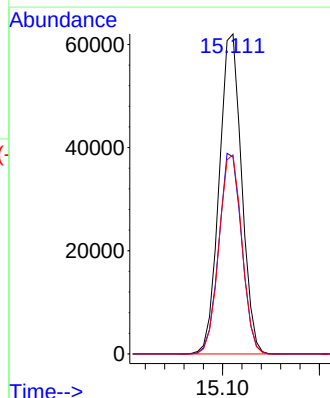
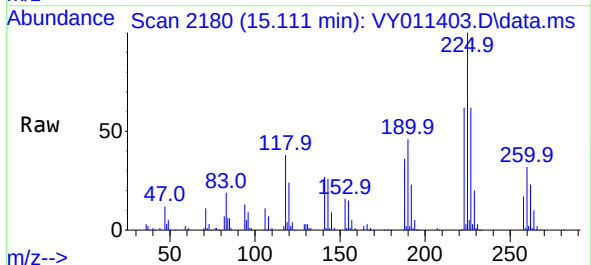
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

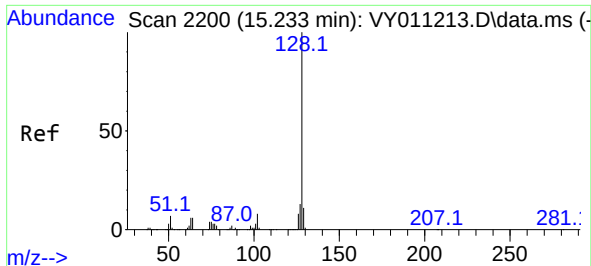
Tgt Ion:180 Resp: 171109
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 30.6 14.6 43.8



#94
Hexachlorobutadiene
Concen: 49.269 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion:225 Resp: 99666
Ion Ratio Lower Upper
225 100
223 63.7 30.8 92.3
227 63.4 31.6 94.7

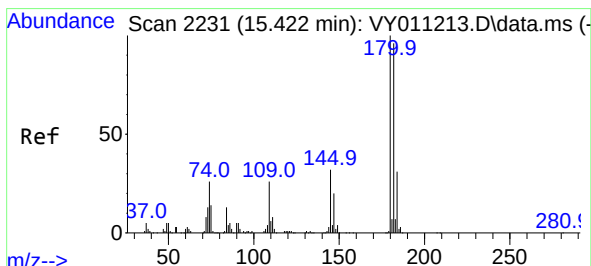
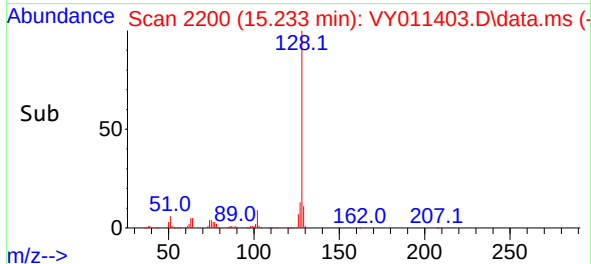
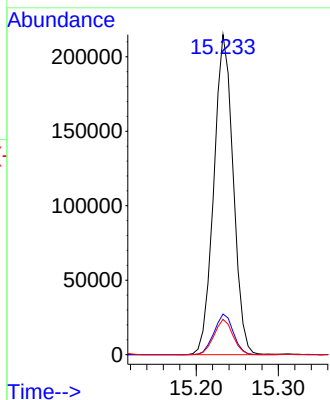
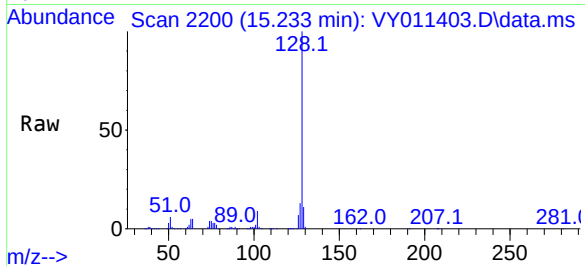




#95
Naphthalene
Concen: 47.058 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 351761
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 10.8 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.998 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011403.D
Acq: 10 Nov 2022 20:02

Tgt Ion:180 Resp: 150795
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 32.2 15.3 45.9

