

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011737.D
 Acq On : 09 Dec 2022 11:15
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Dec 10 03:07:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:06:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	241132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	386449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	344133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	24326	12.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	24.840%#
35) Dibromofluoromethane	7.716	113	22543	11.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.140%#
50) Toluene-d8	10.179	98	84738	12.394	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	24.780%#
62) 4-Bromofluorobenzene	12.483	95	30456	11.602	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	23.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16124	12.249	ug/l	95
3) Chloromethane	2.113	50	17240	11.691	ug/l	96
4) Vinyl Chloride	2.253	62	18946	10.976	ug/l	98
5) Bromomethane	2.650	94	13862	11.638	ug/l	94
6) Chloroethane	2.796	64	13317	11.137	ug/l	98
7) Trichlorofluoromethane	3.131	101	35164	10.608	ug/l	100
8) Diethyl Ether	3.534	74	12084	10.408	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	20426	10.323	ug/l	99
10) Methyl Iodide	4.095	142	23758	10.255	ug/l	99
11) Tert butyl alcohol	4.942	59	19360	65.668	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	18611	10.429	ug/l	93
13) Acrolein	3.729	56	18338	53.947	ug/l	96
14) Allyl chloride	4.485	41	30378	10.248	ug/l	99
15) Acrylonitrile	5.161	53	33350	53.515	ug/l	98
16) Acetone	3.948	43	33592	51.019	ug/l	97
17) Carbon Disulfide	4.198	76	45240	11.101	ug/l	98
18) Methyl Acetate	4.473	43	19052	10.246	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	56151	10.049	ug/l	98
20) Methylene Chloride	4.716	84	36652	12.145	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	21095	10.517	ug/l	99
22) Diisopropyl ether	6.119	45	67641	10.459	ug/l	95
23) Vinyl Acetate	6.064	43	190123	51.529	ug/l	98
24) 1,1-Dichloroethane	6.021	63	41131	10.466	ug/l	99
25) 2-Butanone	6.990	43	44875	52.986	ug/l	99
26) 2,2-Dichloropropane	6.984	77	38721	10.472	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	25447	10.381	ug/l	97
28) Bromochloromethane	7.338	49	14655	10.243	ug/l	99
29) Tetrahydrofuran	7.344	42	25204	52.285	ug/l	99
30) Chloroform	7.509	83	44212	10.523	ug/l	96
31) Cyclohexane	7.783	56	33658	10.686	ug/l #	92
32) 1,1,1-Trichloroethane	7.704	97	38497	10.274	ug/l	99
36) 1,1-Dichloropropene	7.923	75	29846	10.178	ug/l	99
37) Ethyl Acetate	7.076	43	17291	10.085	ug/l	98
38) Carbon Tetrachloride	7.899	117	34646	10.058	ug/l	99
39) Methylcyclohexane	9.185	83	32715	9.915	ug/l	97
40) Benzene	8.161	78	89920	10.264	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	24265	28.009	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	27970	10.324	ug/l	99
43) Isopropyl Acetate	8.271	43	32459	10.441	ug/l	98
44) Trichloroethene	8.941	130	25404	10.354	ug/l	95
45) 1,2-Dichloropropane	9.216	63	23365	10.304	ug/l	97
46) Dibromomethane	9.307	93	13387	10.547	ug/l	98
47) Bromodichloromethane	9.496	83	33303	10.156	ug/l	98
48) Methyl methacrylate	9.295	41	13650	9.961	ug/l	98
49) 1,4-Dioxane	9.295	88	3740	212.698	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	87172	50.888	ug/l	98
52) Toluene	10.246	92	56578	10.159	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	33023	10.082	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	37015	10.058	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	19325	10.301	ug/l	99
56) Ethyl methacrylate	10.508	69	24006	9.913	ug/l	99
57) 1,3-Dichloropropane	10.788	76	32825	10.497	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	55053	49.025	ug/l	100
59) 2-Hexanone	10.831	43	61723	50.431	ug/l	98
60) Dibromochloromethane	10.984	129	24125	10.267	ug/l	100
61) 1,2-Dibromoethane	11.087	107	17778	10.460	ug/l	99
64) Tetrachloroethene	10.721	164	24628	10.115	ug/l	97
65) Chlorobenzene	11.514	112	63114	10.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	24835	10.324	ug/l	99
67) Ethyl Benzene	11.593	91	108493	9.930	ug/l	99
68) m/p-Xylenes	11.703	106	84039	20.085	ug/l	100
69) o-Xylene	12.032	106	39842	9.990	ug/l	99
70) Styrene	12.044	104	67897	9.975	ug/l	99
71) Bromoform	12.209	173	15192	10.239	ug/l #	99
73) Isopropylbenzene	12.331	105	107708	9.629	ug/l	99
74) N-amyl acetate	12.142	43	26853	9.985	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	22490	10.324	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	30241	14.695	ug/l #	100
77) Bromobenzene	12.611	156	26072	9.983	ug/l	97
78) n-propylbenzene	12.672	91	131025	9.775	ug/l	99
79) 2-Chlorotoluene	12.758	91	75749	9.902	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	92560	9.790	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8032	10.435	ug/l	95
82) 4-Chlorotoluene	12.855	91	78717	9.921	ug/l	100
83) tert-Butylbenzene	13.075	119	78336	9.516	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	89542	9.619	ug/l	98
85) sec-Butylbenzene	13.251	105	118374	9.655	ug/l	100
86) p-Isopropyltoluene	13.367	119	98262	9.630	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	52907	10.067	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	52636	10.077	ug/l	96
89) n-Butylbenzene	13.696	91	88731	9.566	ug/l	98
90) Hexachloroethane	13.965	117	19948	9.838	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	47668	10.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3928	10.343	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	26140	9.476	ug/l	100
94) Hexachlorobutadiene	15.111	225	17539	10.007	ug/l	98
95) Naphthalene	15.239	128	47996	8.984	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	22149	9.296	ug/l	100

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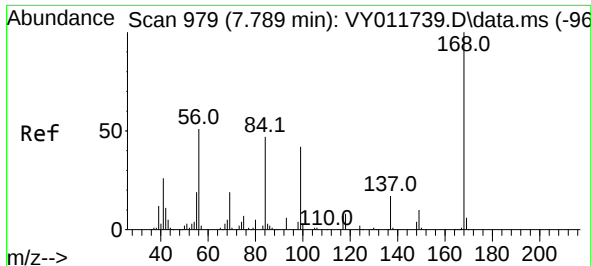
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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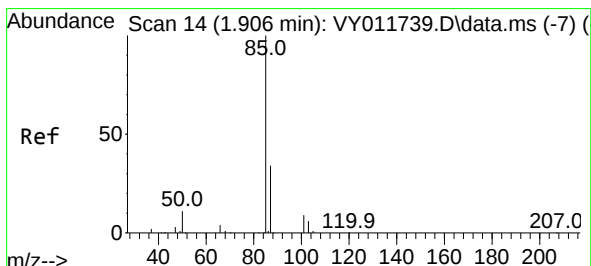
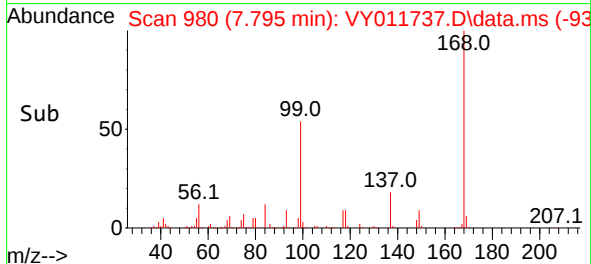
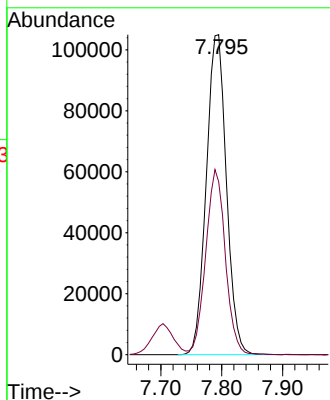
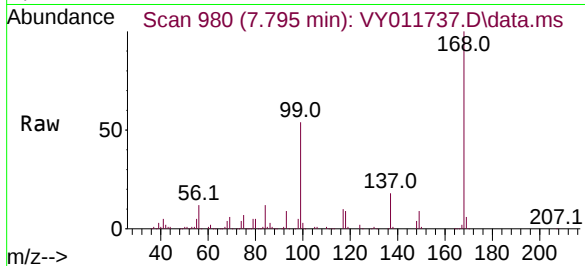




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

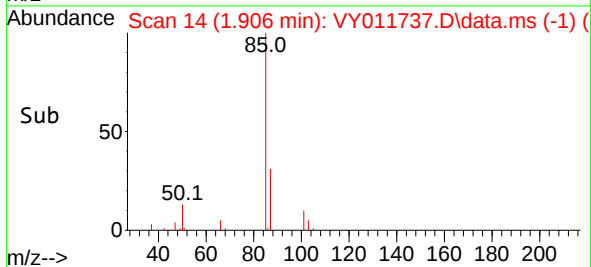
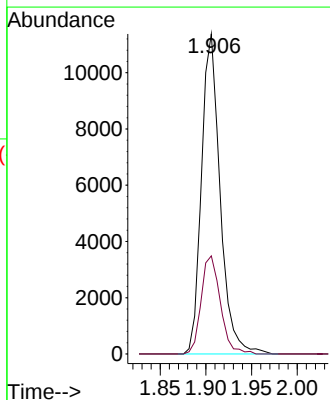
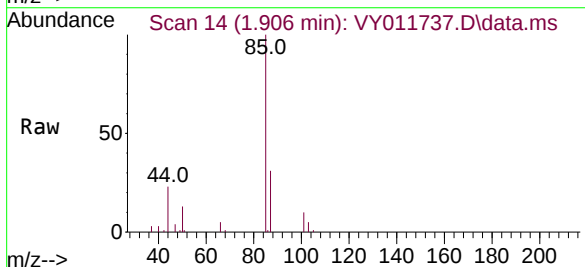
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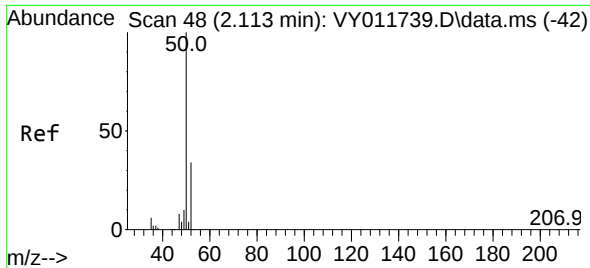
Tgt Ion:168 Resp: 241132
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 12.249 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 85 Resp: 16124
Ion Ratio Lower Upper
85 100
87 30.6 16.8 50.4

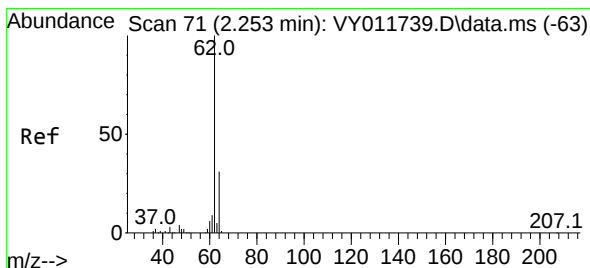
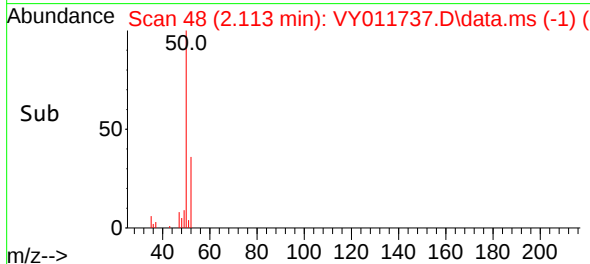
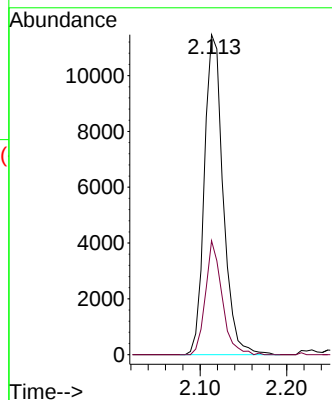
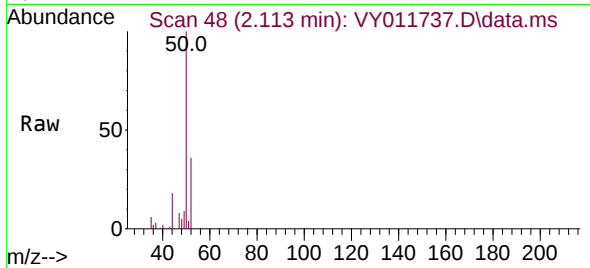




#3
Chloromethane
Concen: 11.691 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

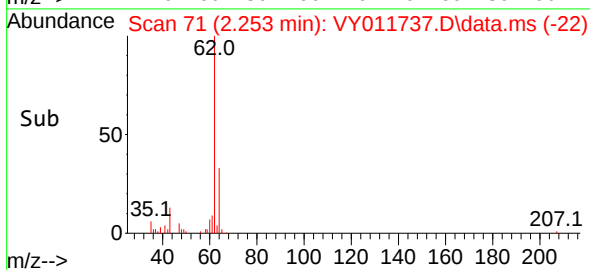
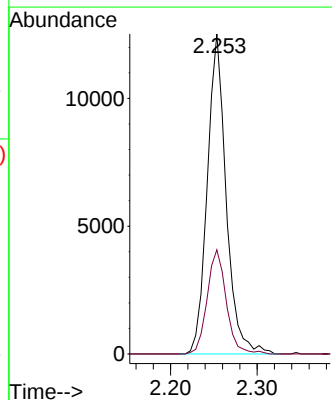
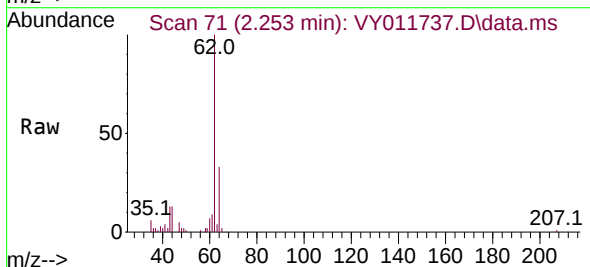
Instrument :
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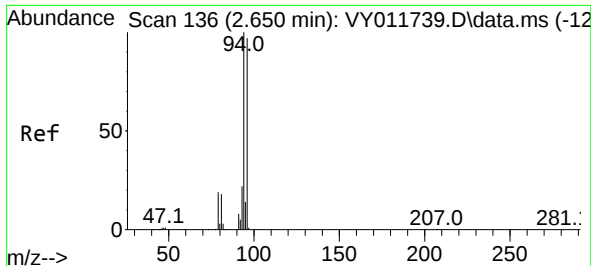
Tgt Ion: 50 Resp: 17240
Ion Ratio Lower Upper
50 100
52 35.6 26.8 40.2



#4
Vinyl Chloride
Concen: 10.976 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 62 Resp: 18946
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6

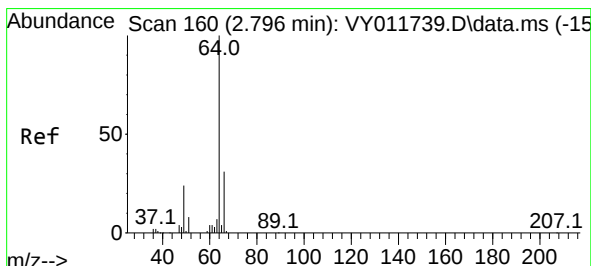
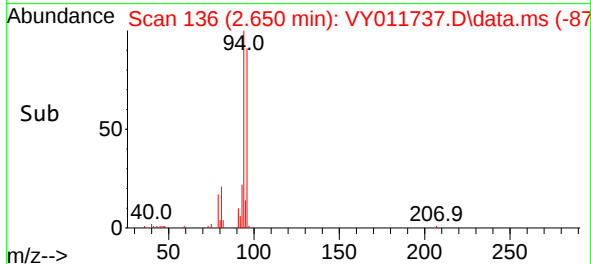
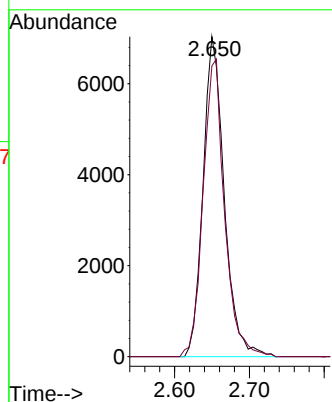
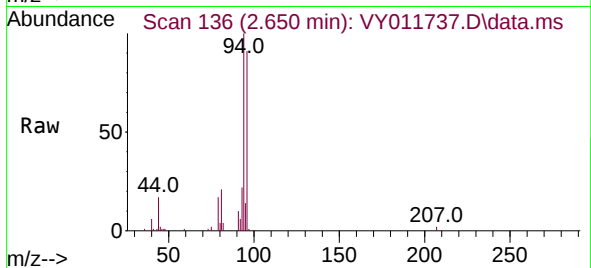




#5
Bromomethane
Concen: 11.638 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

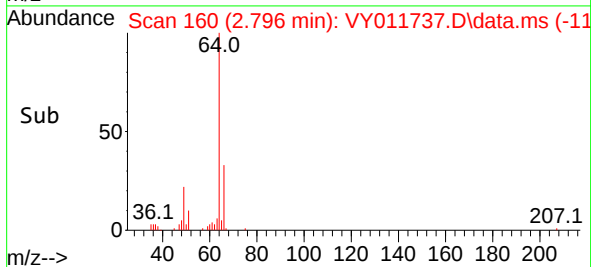
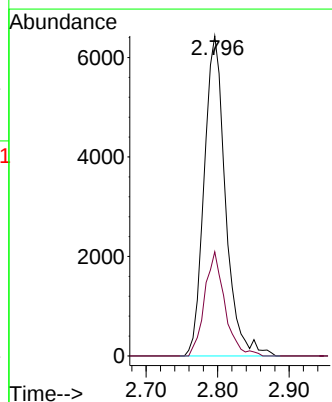
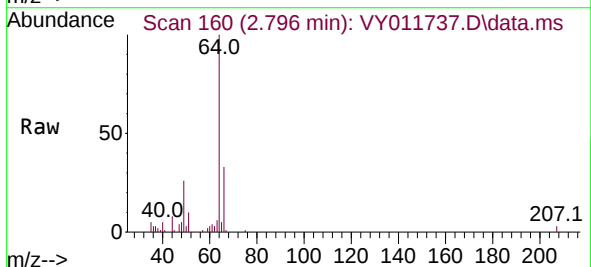
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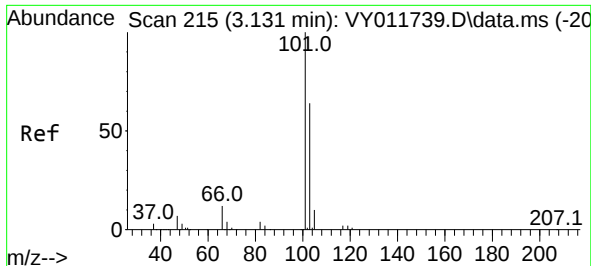
Tgt Ion: 94 Resp: 13862
Ion Ratio Lower Upper
94 100
96 90.9 77.4 116.2



#6
Chloroethane
Concen: 11.137 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 64 Resp: 13317
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.4

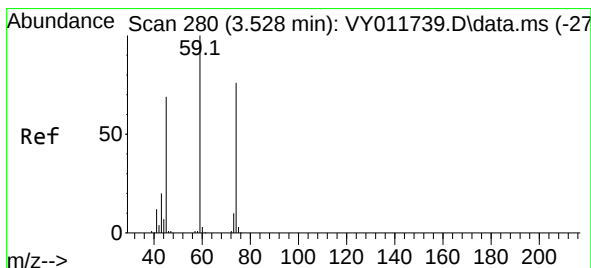
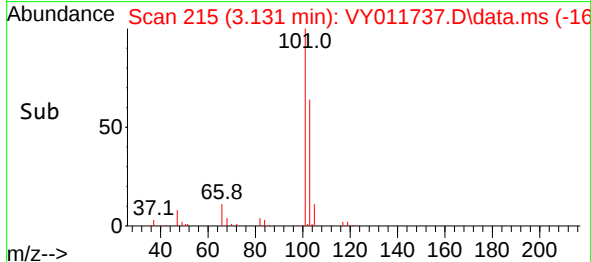
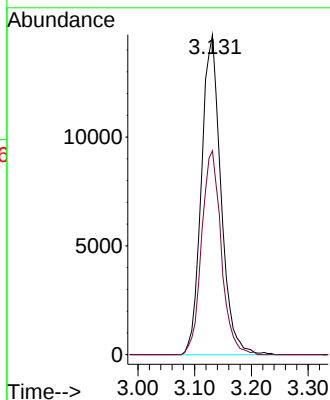
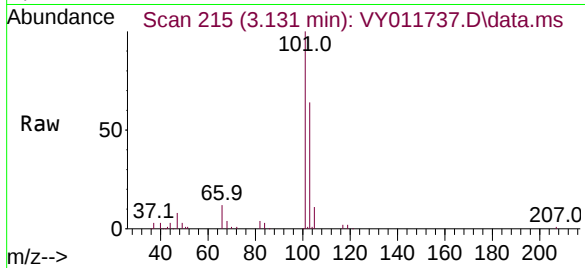




#7
Trichlorofluoromethane
Concen: 10.608 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY011737.D
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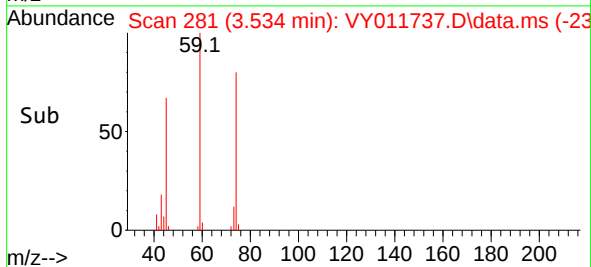
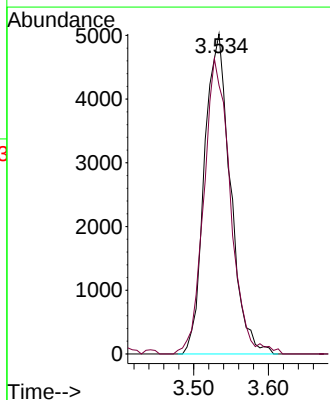
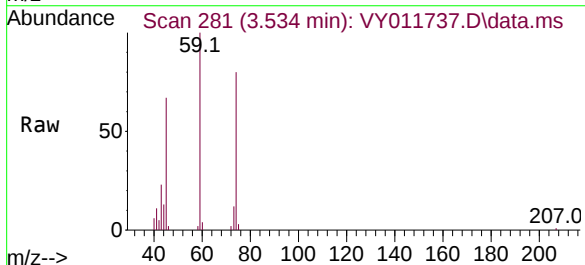
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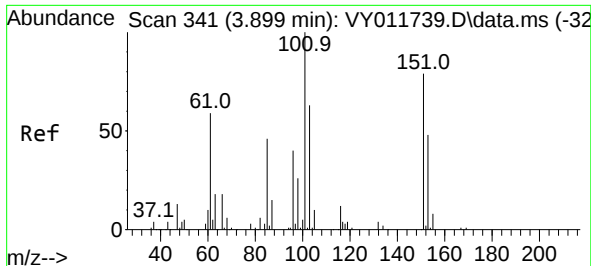
Tgt Ion:101 Resp: 35164
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.6



#8
Diethyl Ether
Concen: 10.408 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 74 Resp: 12084
Ion Ratio Lower Upper
74 100
45 94.6 46.8 140.3

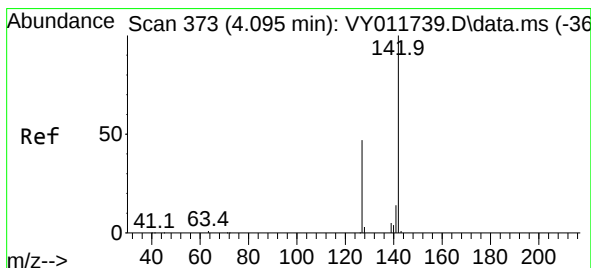
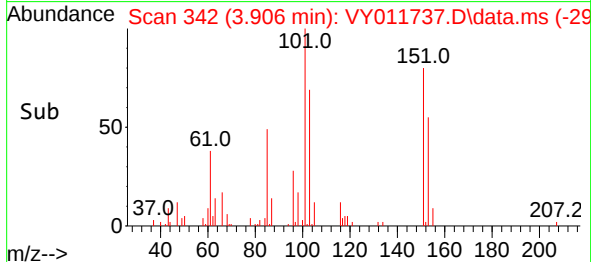
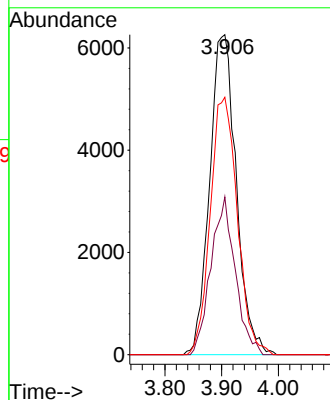
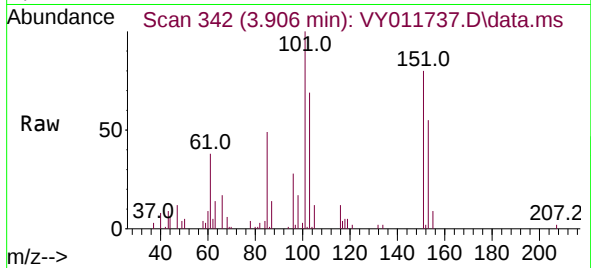




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.323 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

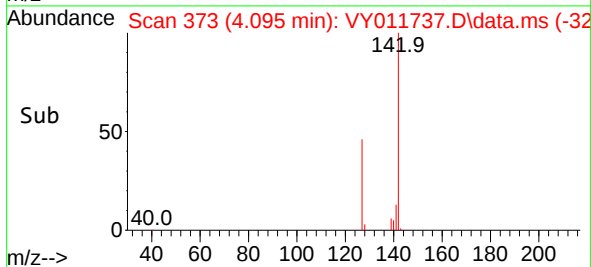
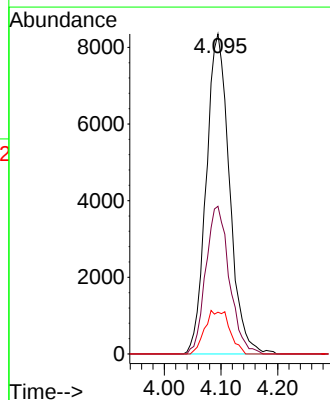
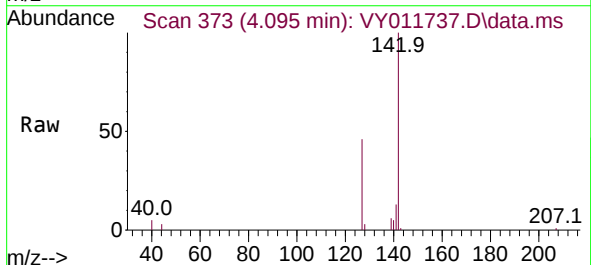
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

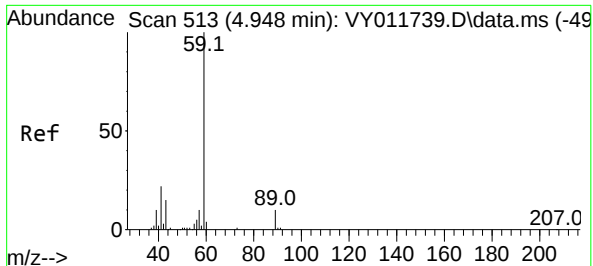
Tgt Ion:101 Resp: 20426
Ion Ratio Lower Upper
101 100
85 45.1 36.2 54.2
151 81.7 64.2 96.2



#10
Methyl Iodide
Concen: 10.255 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion:142 Resp: 23758
Ion Ratio Lower Upper
142 100
127 46.9 37.0 55.4
141 14.4 11.4 17.0





#11

Tert butyl alcohol

Concen: 65.668 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

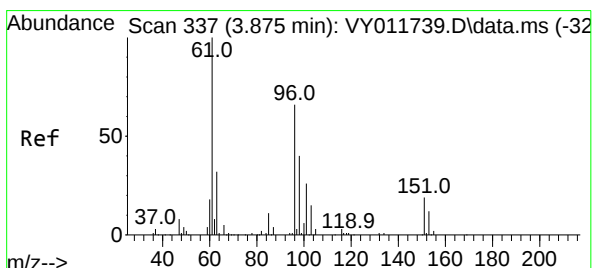
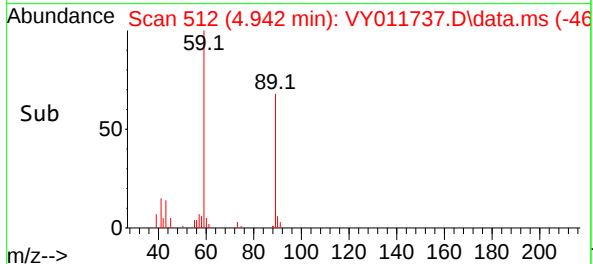
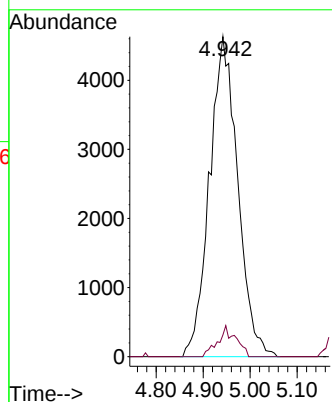
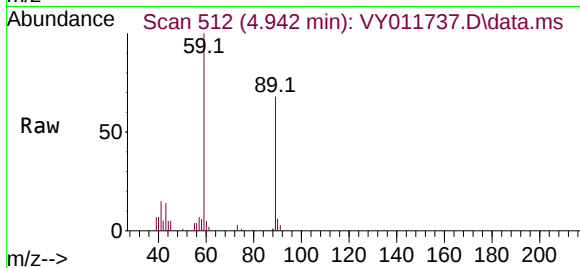
VSTDIC010

Tgt Ion: 59 Resp: 19360

Ion Ratio Lower Upper

59 100

57 6.1 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 10.429 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

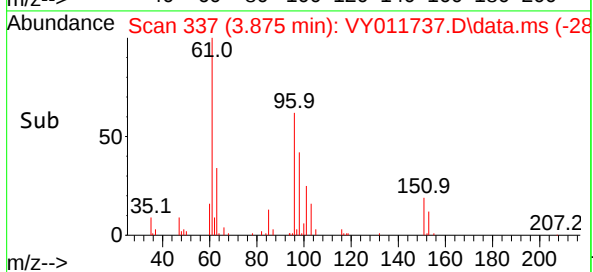
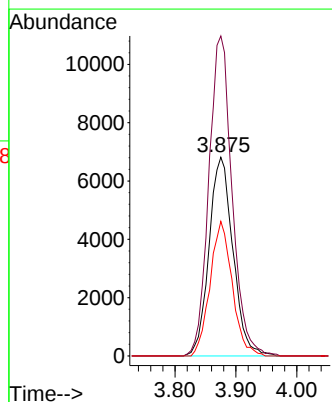
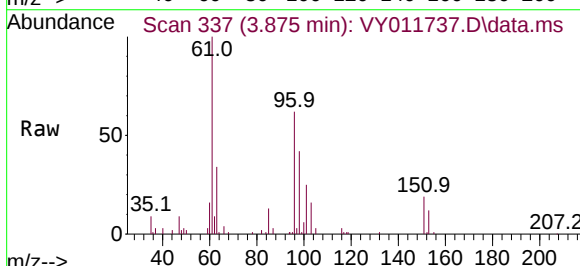
Tgt Ion: 96 Resp: 18611

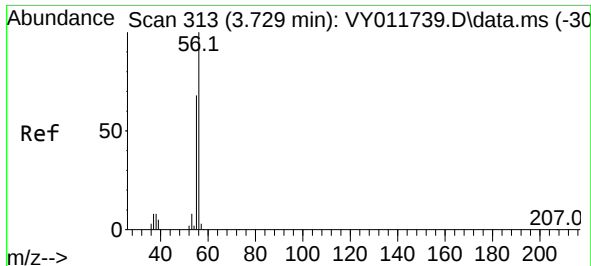
Ion Ratio Lower Upper

96 100

61 161.1 122.0 183.0

98 67.8 48.6 73.0





#13

Acrolein

Concen: 53.947 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

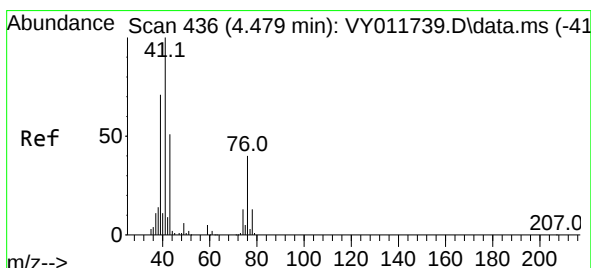
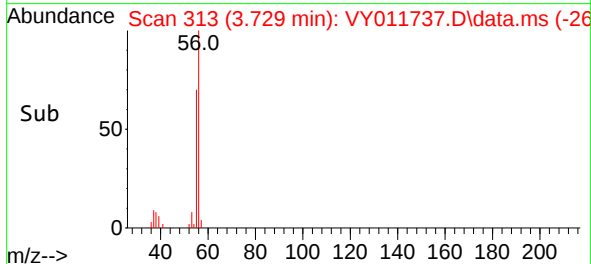
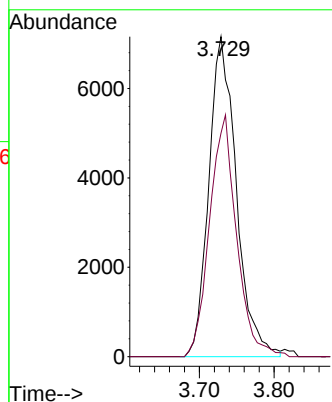
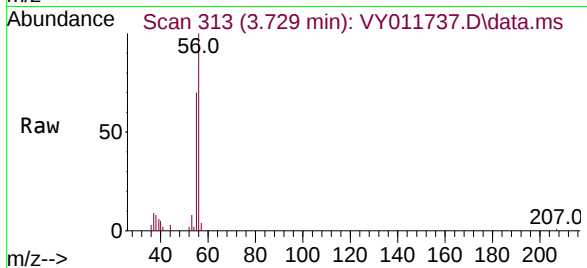
VSTDIC010

Tgt Ion: 56 Resp: 18338

Ion Ratio Lower Upper

56 100

55 74.2 56.6 85.0



#14

Allyl chloride

Concen: 10.248 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

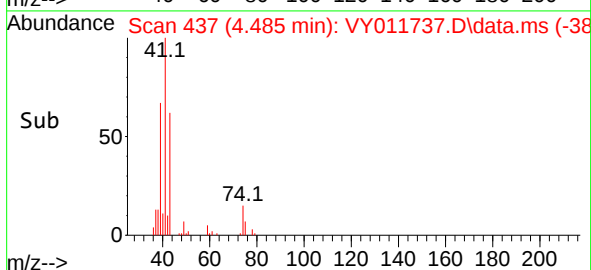
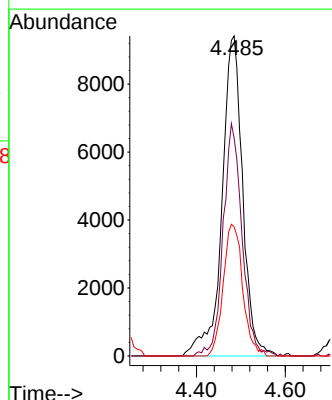
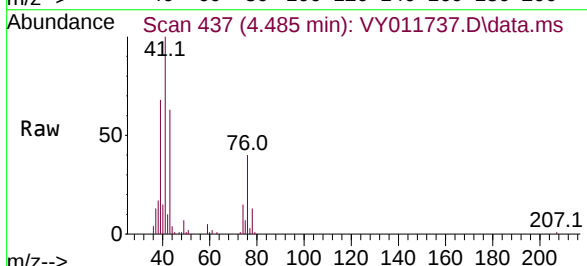
Tgt Ion: 41 Resp: 30378

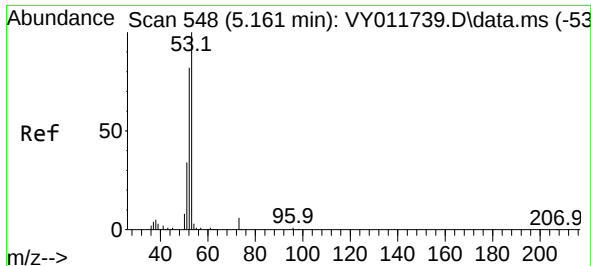
Ion Ratio Lower Upper

41 100

39 66.3 53.5 80.3

76 38.7 31.1 46.7

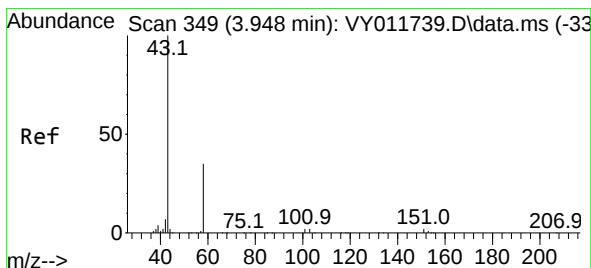
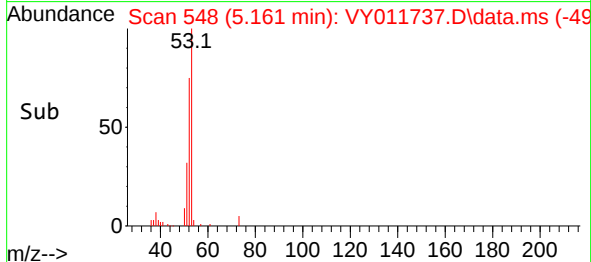
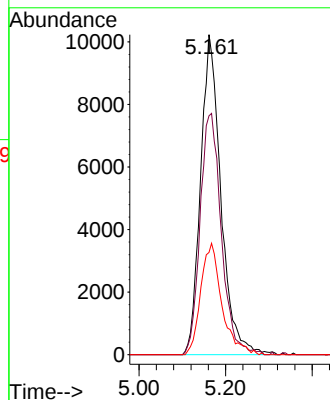
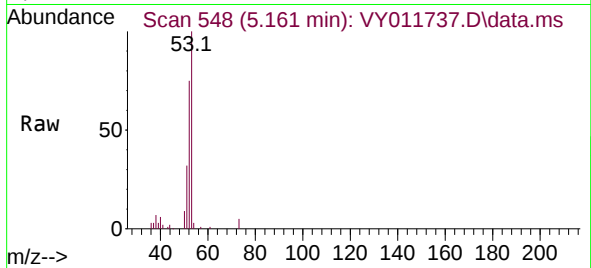




#15
Acrylonitrile
Concen: 53.515 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

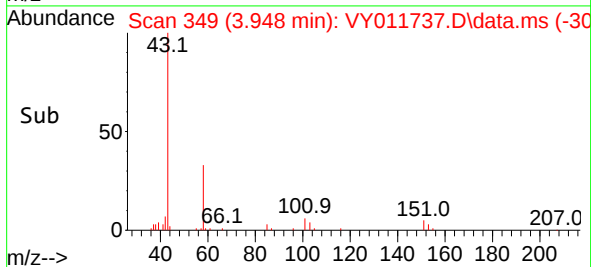
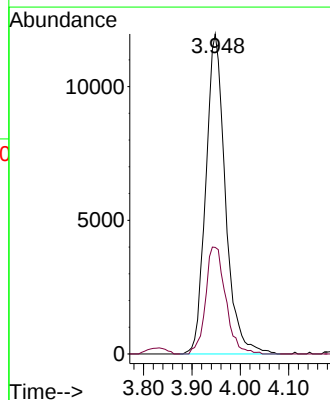
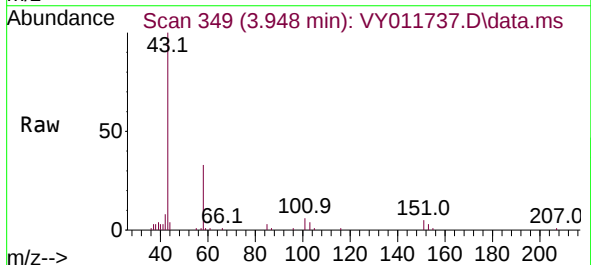
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

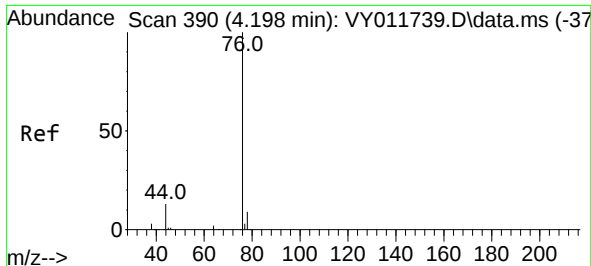
Tgt Ion: 53 Resp: 33350
Ion Ratio Lower Upper
53 100
52 78.6 65.1 97.7
51 36.2 28.7 43.1



#16
Acetone
Concen: 51.019 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 43 Resp: 33592
Ion Ratio Lower Upper
43 100
58 33.3 27.9 41.9

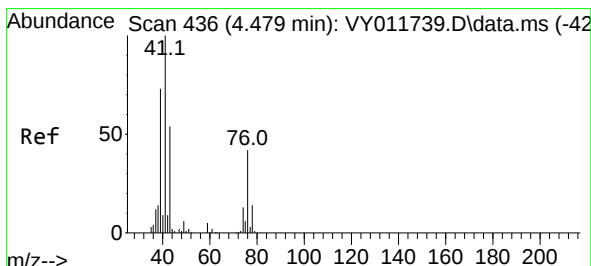
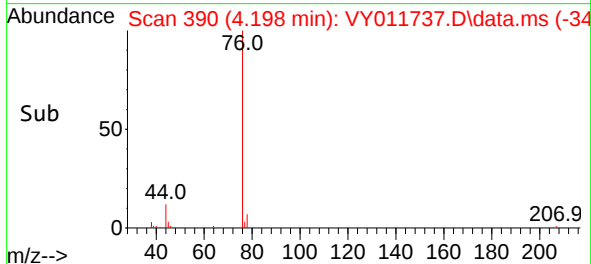
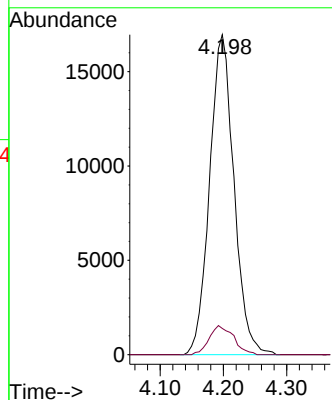
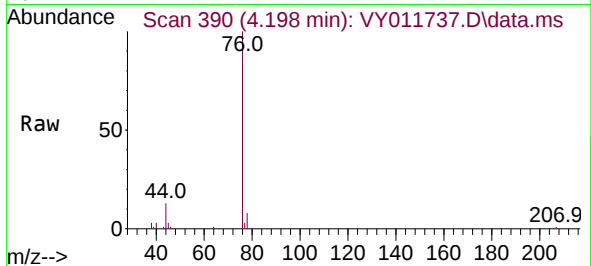




#17
Carbon Disulfide
Concen: 11.101 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

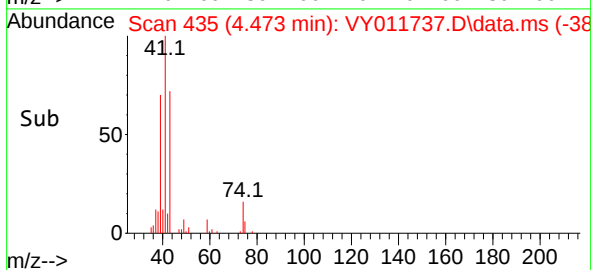
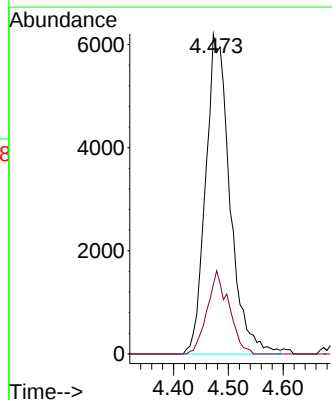
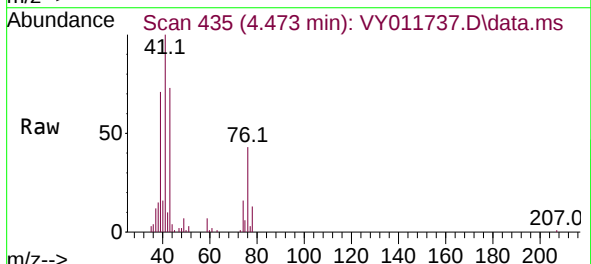
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

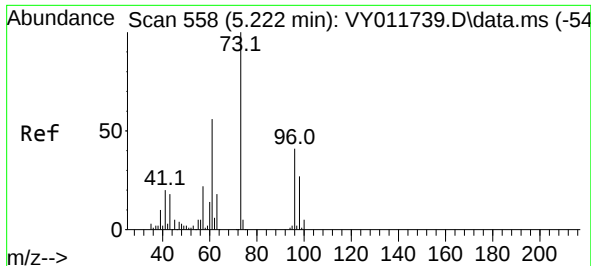
Tgt Ion: 76 Resp: 45240
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 10.246 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 43 Resp: 19052
Ion Ratio Lower Upper
43 100
74 23.4 20.1 30.1

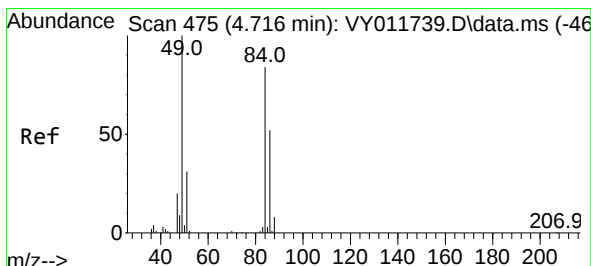
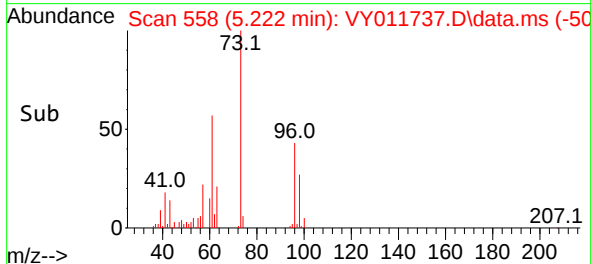
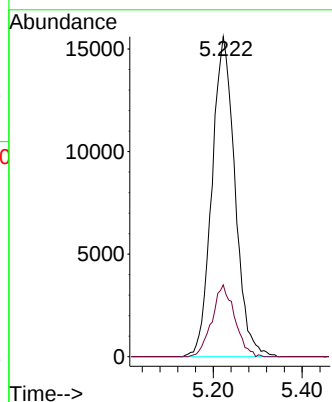
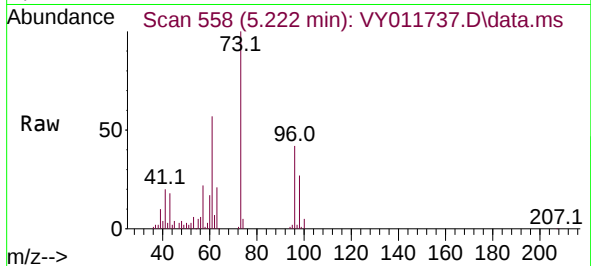




#19
Methyl tert-butyl Ether
Concen: 10.049 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

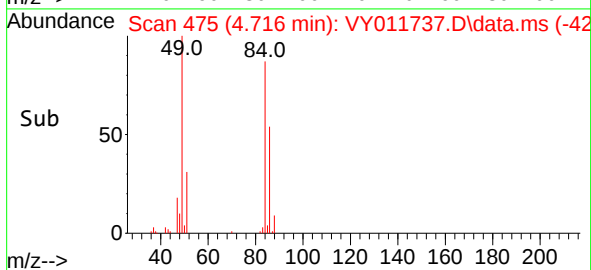
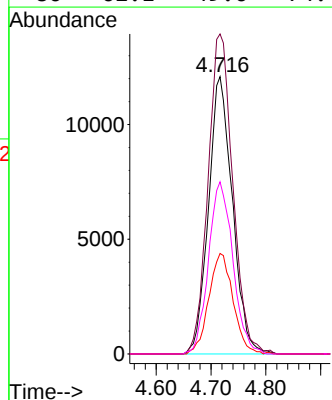
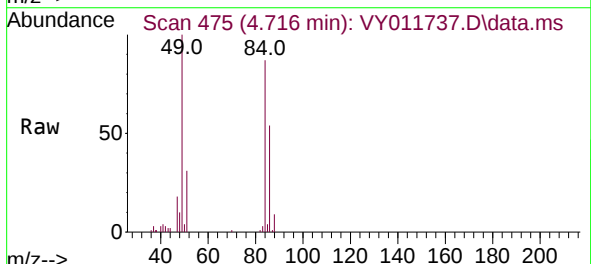
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

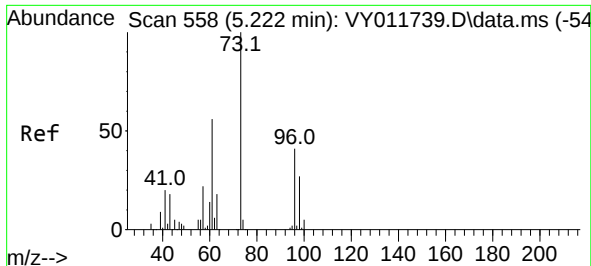
Tgt Ion: 73 Resp: 56151
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0



#20
Methylene Chloride
Concen: 12.145 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 84 Resp: 36652
Ion Ratio Lower Upper
84 100
49 115.4 95.4 143.2
51 36.2 29.9 44.9
86 62.1 49.6 74.4

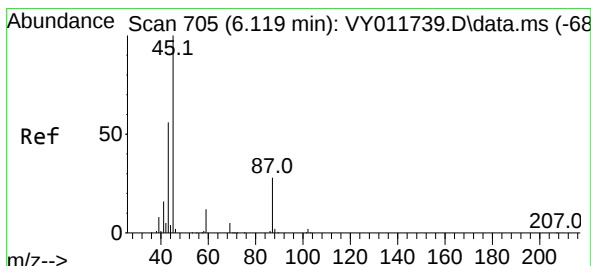
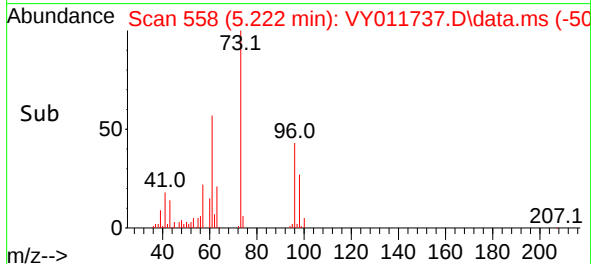
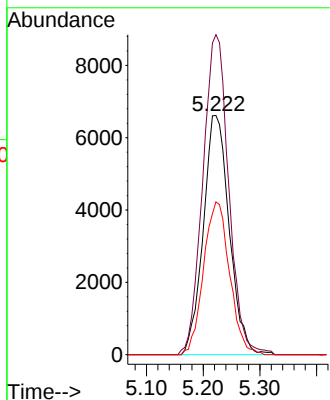
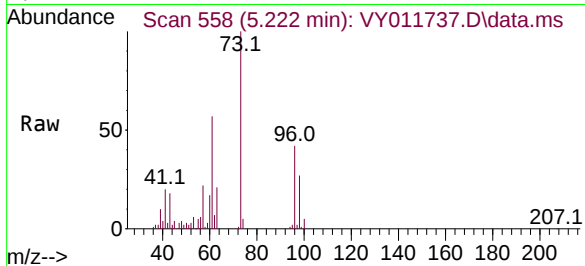




#21
trans-1,2-Dichloroethene
Concen: 10.517 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

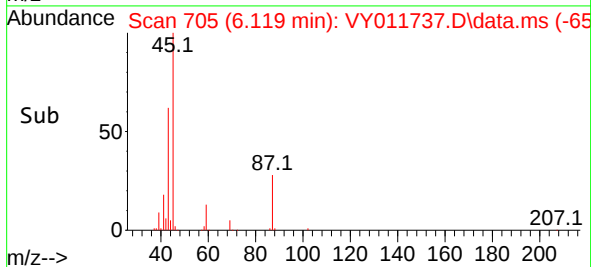
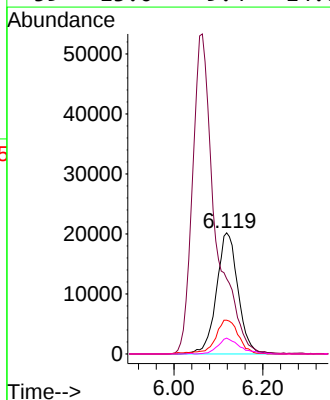
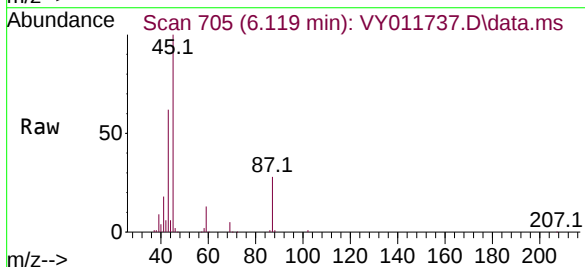
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

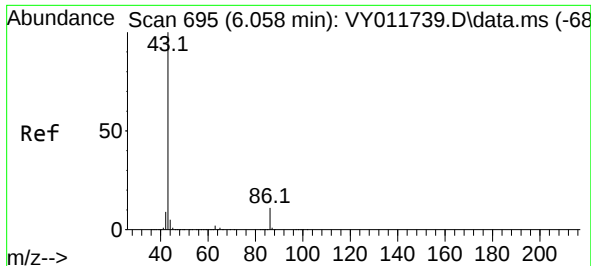
Tgt Ion: 96 Resp: 21095
Ion Ratio Lower Upper
96 100
61 133.8 108.0 162.0
98 63.9 51.6 77.4



#22
Diisopropyl ether
Concen: 10.459 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 45 Resp: 67641
Ion Ratio Lower Upper
45 100
43 61.4 45.0 67.4
87 27.9 22.6 33.8
59 13.0 9.4 14.0

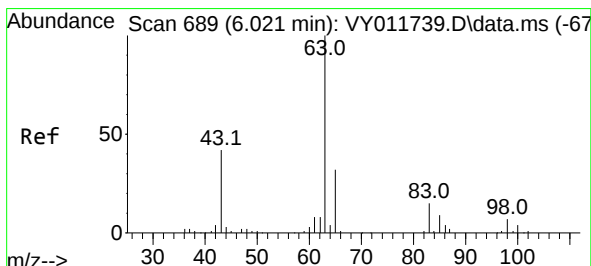
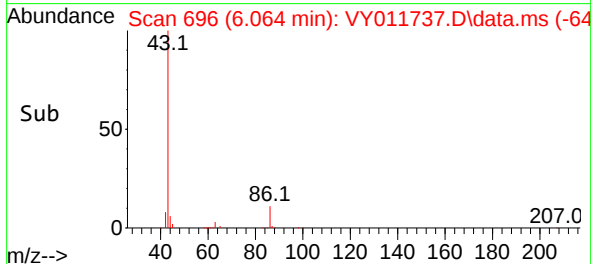
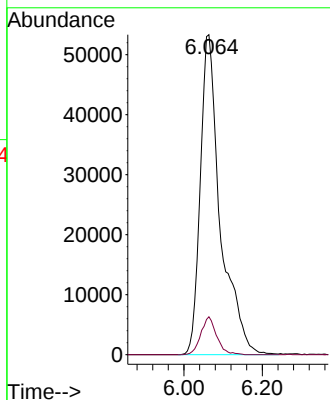
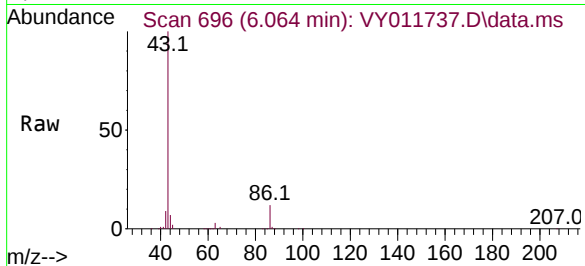




#23
 Vinyl Acetate
 Concen: 51.529 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY011737.D
 Acq: 09 Dec 2022 11:15

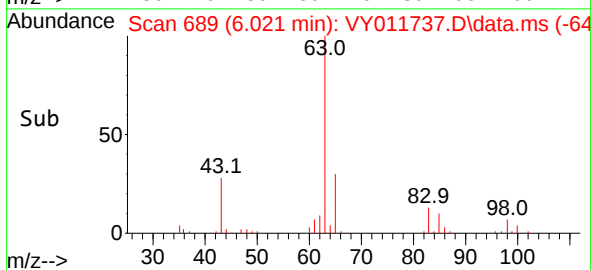
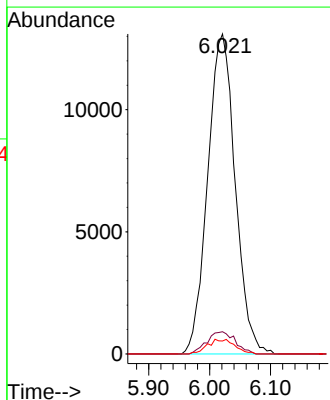
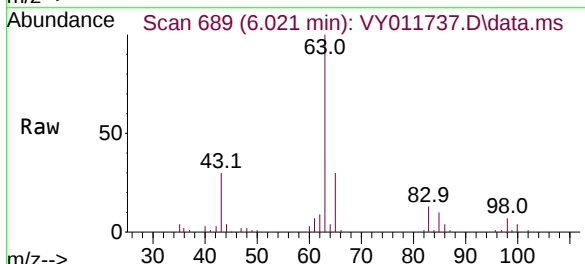
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

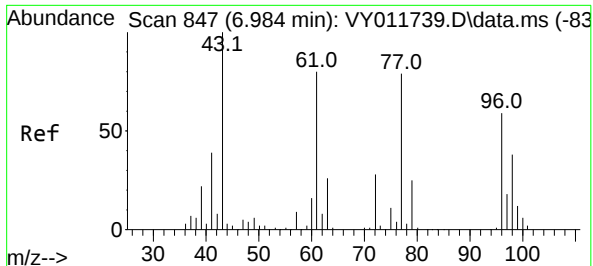
Tgt Ion: 43 Resp: 190123
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 10.466 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY011737.D
 Acq: 09 Dec 2022 11:15

Tgt Ion: 63 Resp: 41131
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 52.986 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

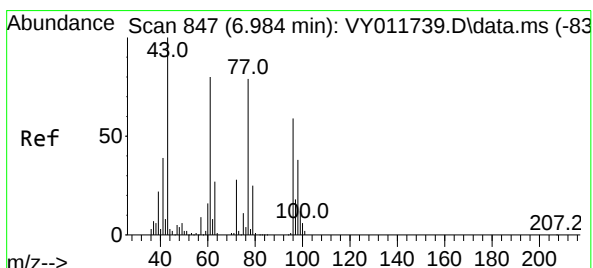
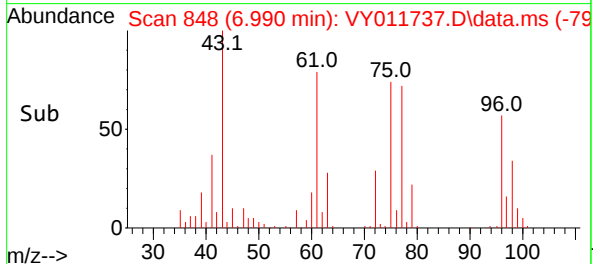
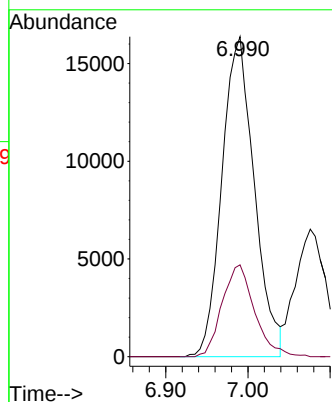
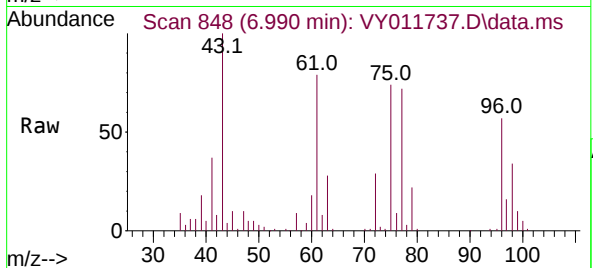
VSTDIC010

Tgt Ion: 43 Resp: 44875

Ion Ratio Lower Upper

43 100

72 28.7 22.6 34.0



#26

2,2-Dichloropropane

Concen: 10.472 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011737.D

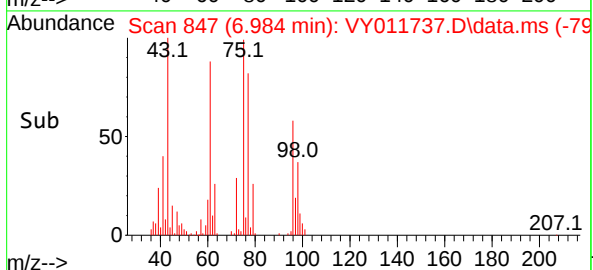
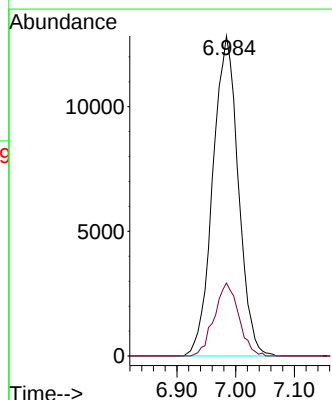
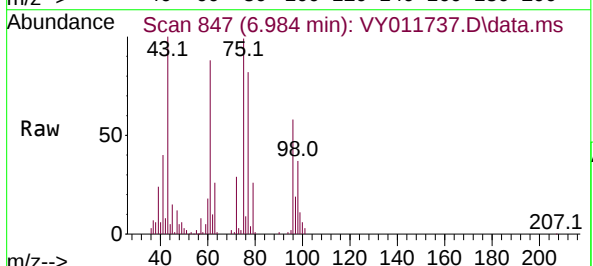
Acq: 09 Dec 2022 11:15

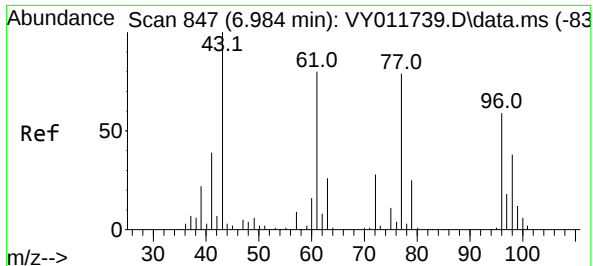
Tgt Ion: 77 Resp: 38721

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 10.381 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

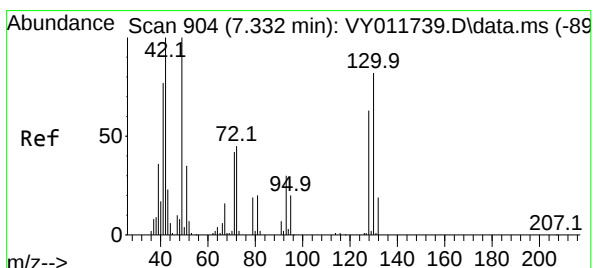
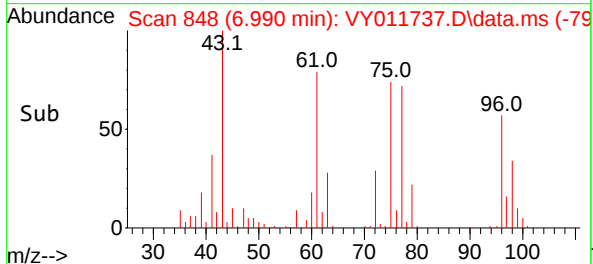
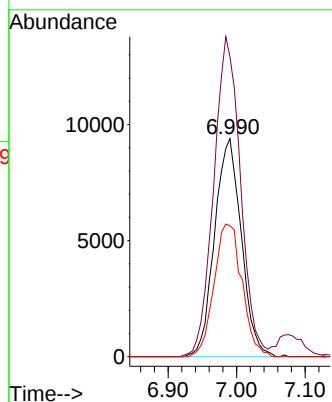
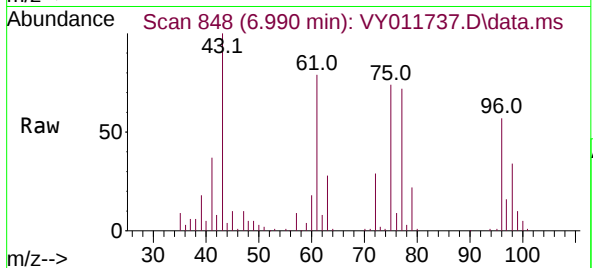
Tgt Ion: 96 Resp: 25447

Ion Ratio Lower Upper

96 100

61 146.9 0.0 283.4

98 63.5 0.0 127.6



#28

Bromochloromethane

Concen: 10.243 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

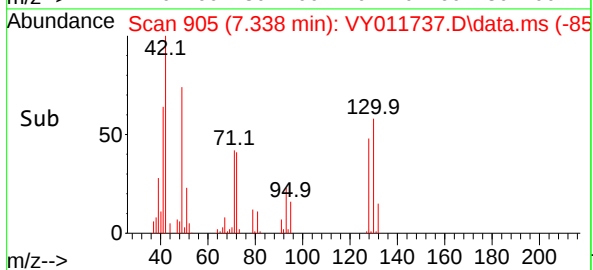
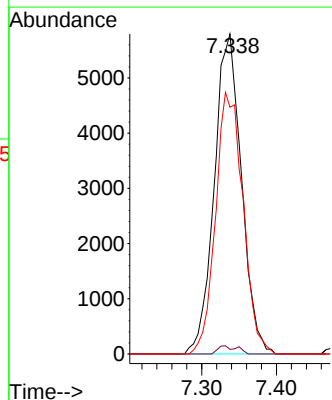
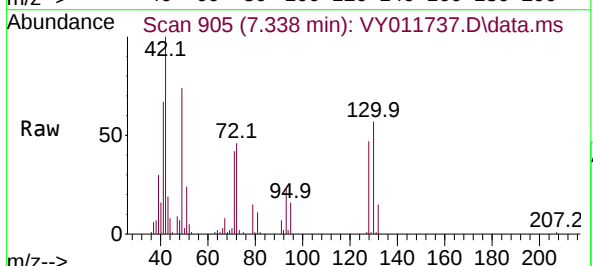
Tgt Ion: 49 Resp: 14655

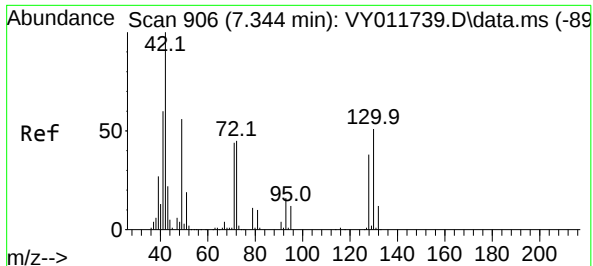
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 82.6 66.7 100.1





#29

Tetrahydrofuran

Concen: 52.285 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

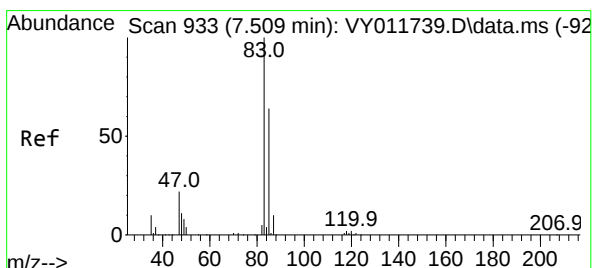
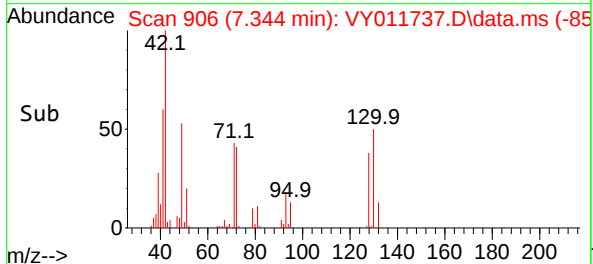
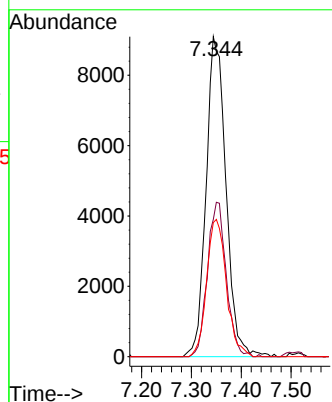
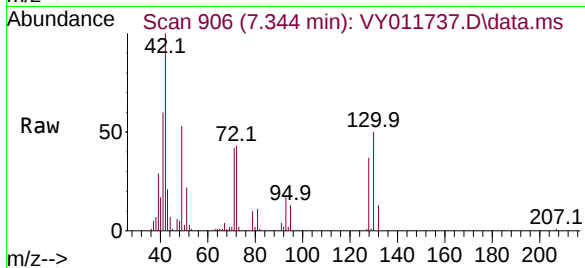
Tgt Ion: 42 Resp: 25204

Ion Ratio Lower Upper

42 100

72 45.7 37.0 55.6

71 42.6 34.9 52.3



#30

Chloroform

Concen: 10.523 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY011737.D

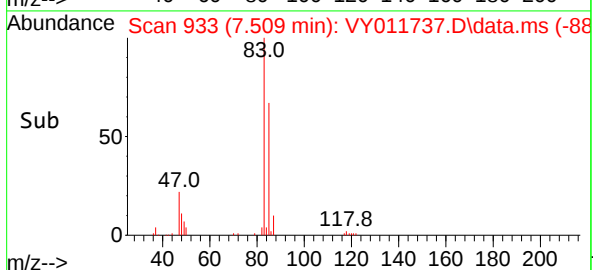
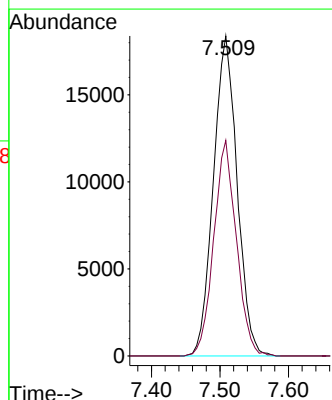
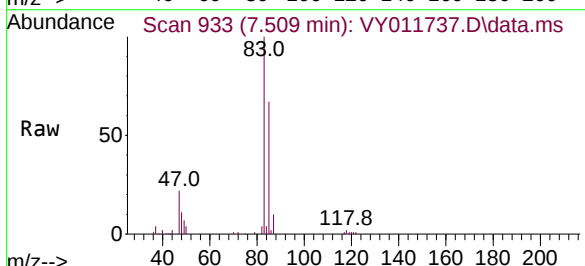
Acq: 09 Dec 2022 11:15

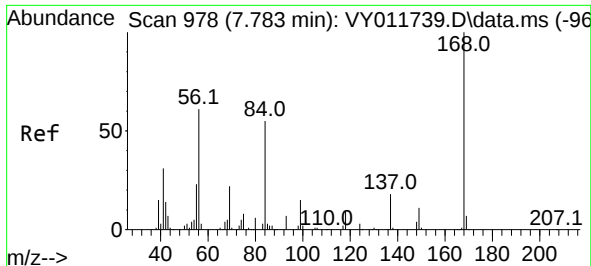
Tgt Ion: 83 Resp: 44212

Ion Ratio Lower Upper

83 100

85 67.4 51.5 77.3

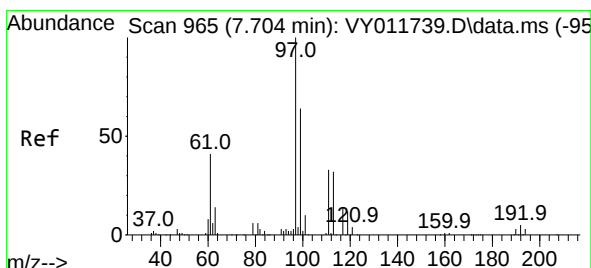
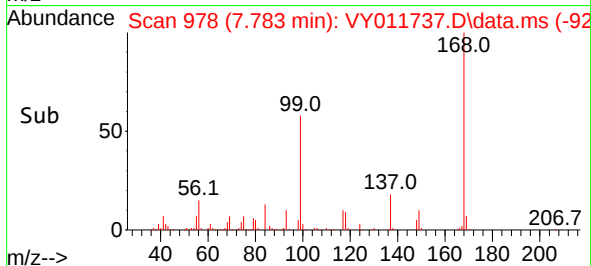
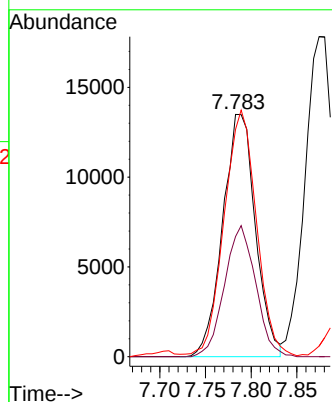
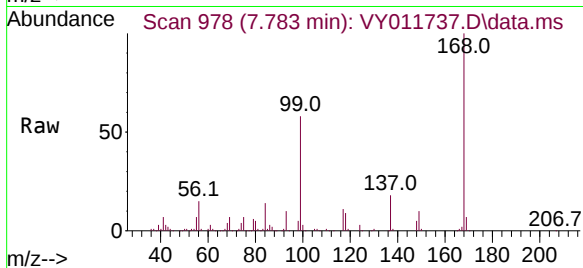




#31
Cyclohexane
Concen: 10.686 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

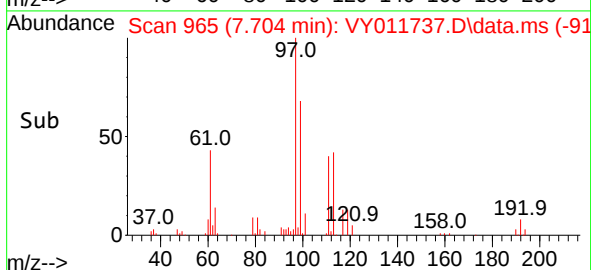
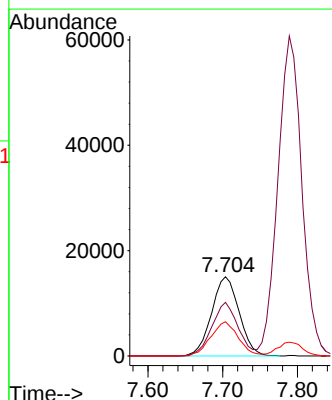
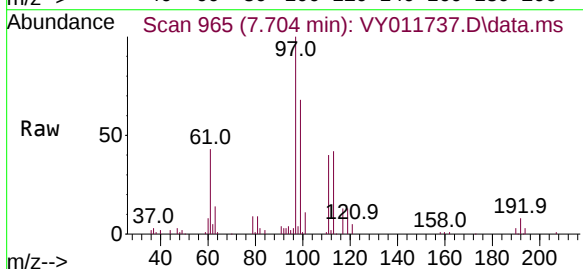
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

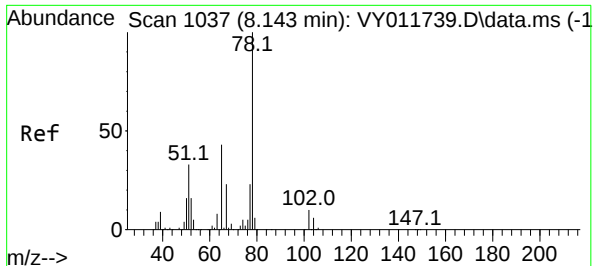
Tgt Ion: 56 Resp: 33658
Ion Ratio Lower Upper
56 100
69 49.6 29.2 43.8#
84 92.8 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 10.274 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 97 Resp: 38497
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 43.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 12.422 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

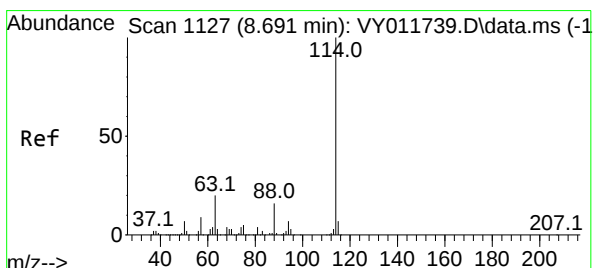
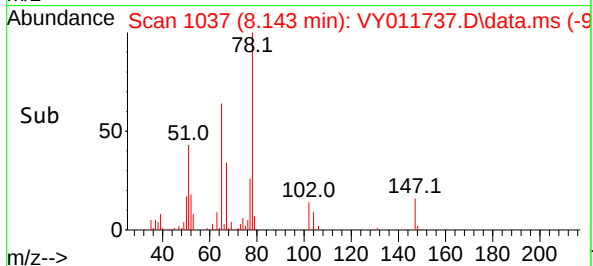
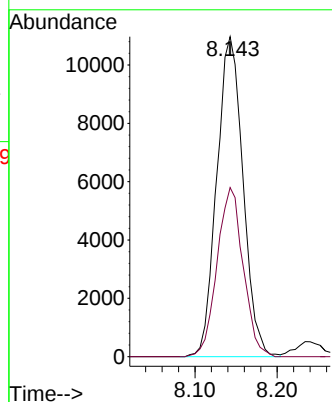
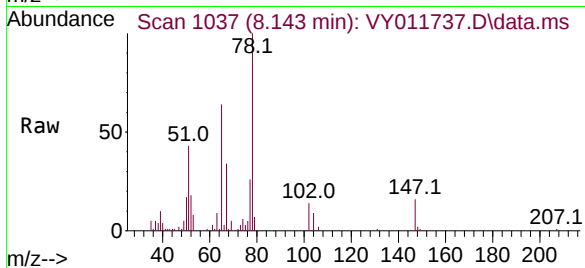
VSTDIC010

Tgt Ion: 65 Resp: 24326

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

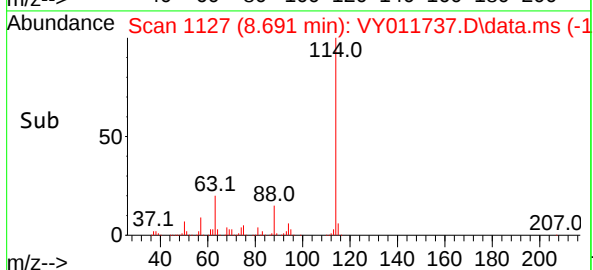
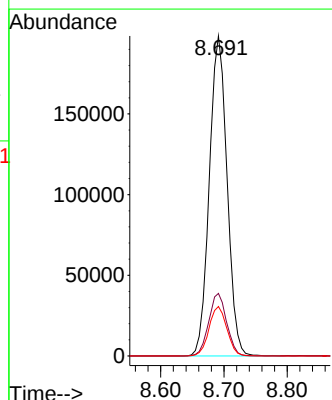
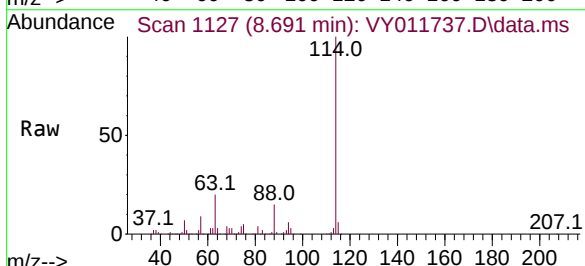
Tgt Ion: 114 Resp: 386449

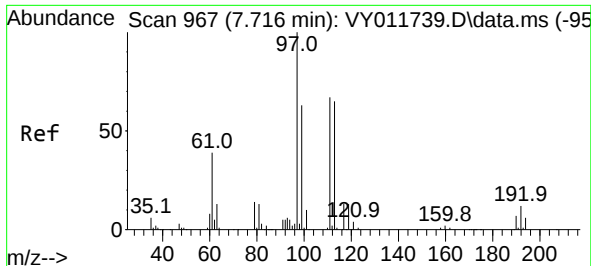
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.5 0.0 32.2

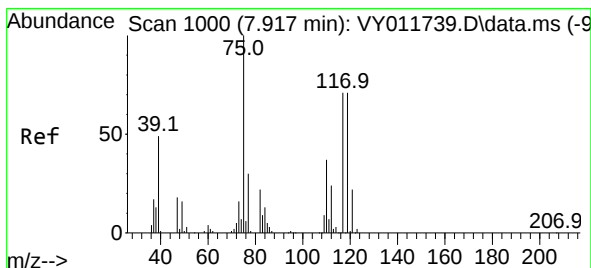
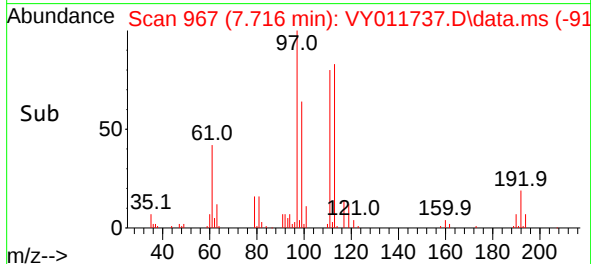
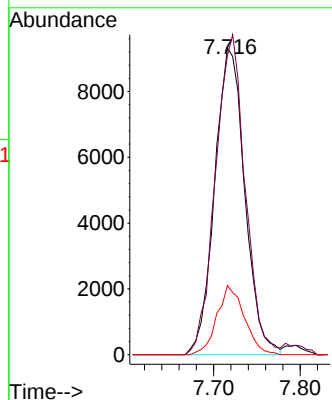
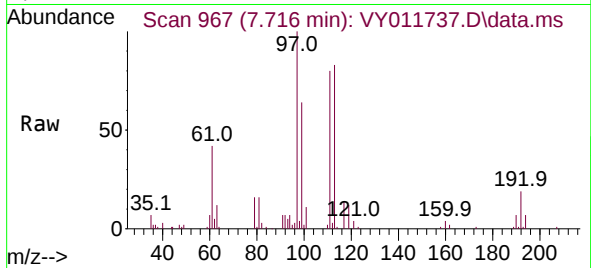




#35
Dibromofluoromethane
Concen: 11.567 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

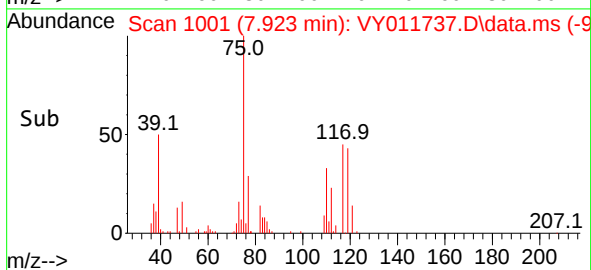
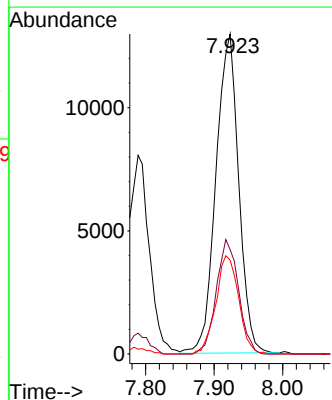
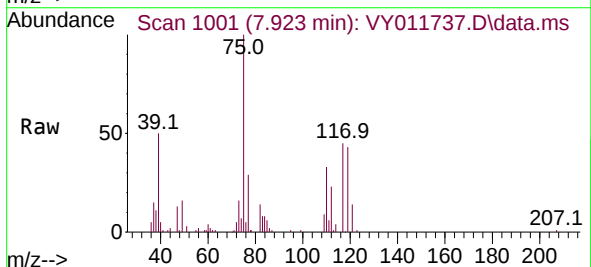
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

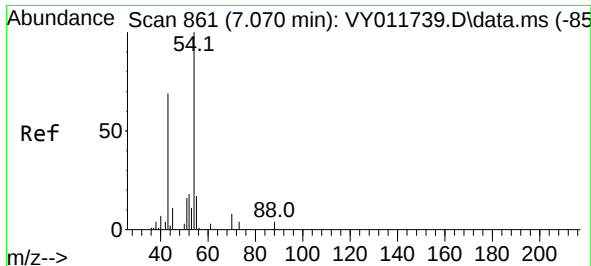
Tgt Ion:113 Resp: 22543
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 20.5 16.0 24.0



#36
1,1-Dichloropropene
Concen: 10.178 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 75 Resp: 29846
Ion Ratio Lower Upper
75 100
110 34.9 18.1 54.1
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 10.085 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

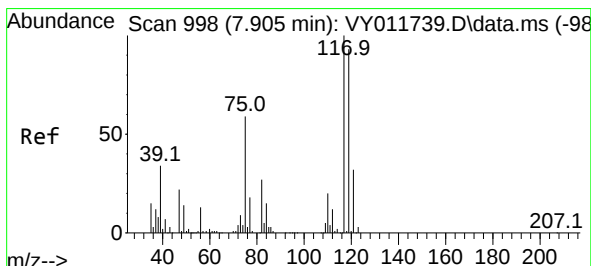
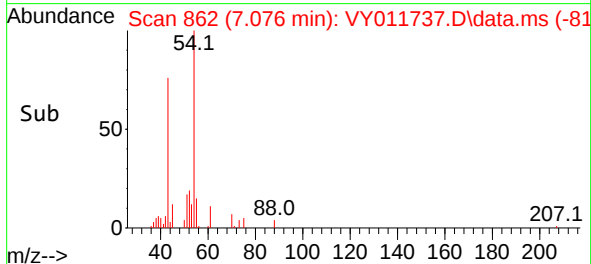
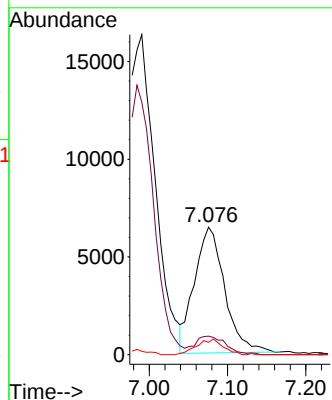
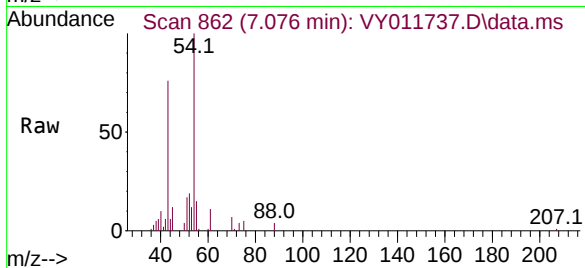
Tgt Ion: 43 Resp: 17291

Ion Ratio Lower Upper

43 100

61 15.2 11.3 16.9

70 10.7 8.2 12.4



#38

Carbon Tetrachloride

Concen: 10.058 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

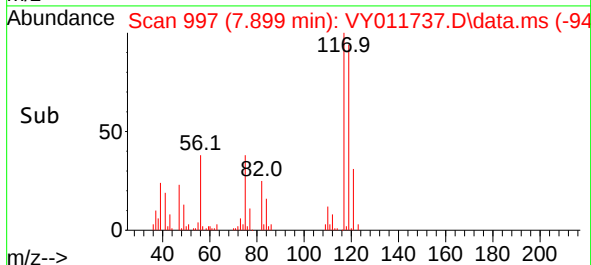
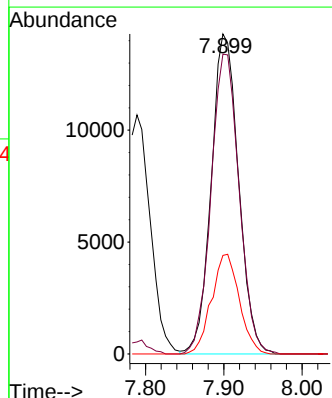
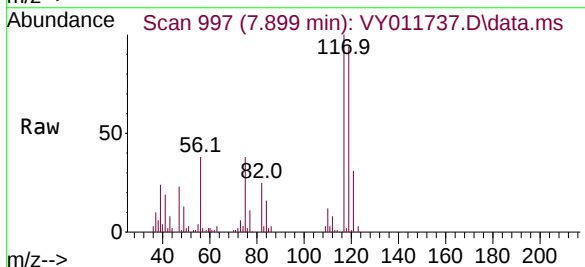
Tgt Ion: 117 Resp: 34646

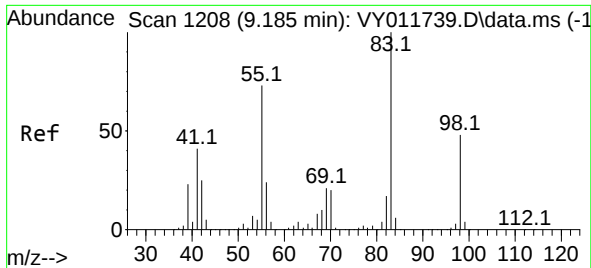
Ion Ratio Lower Upper

117 100

119 93.7 73.8 110.8

121 30.8 25.2 37.8

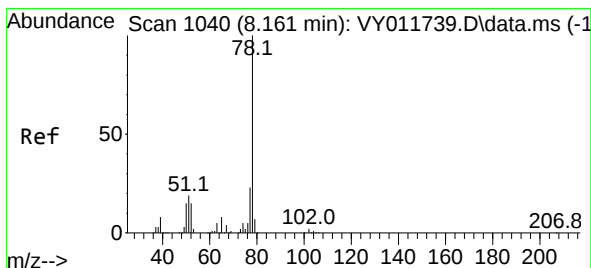
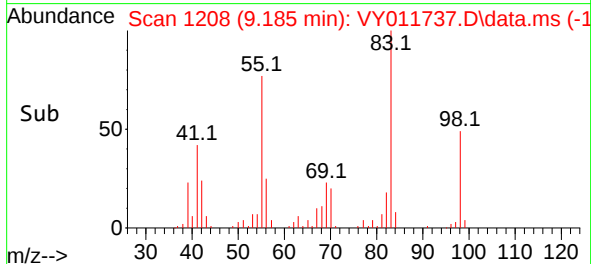
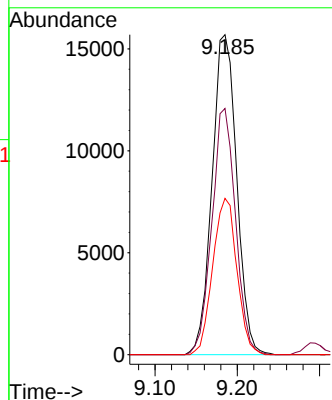
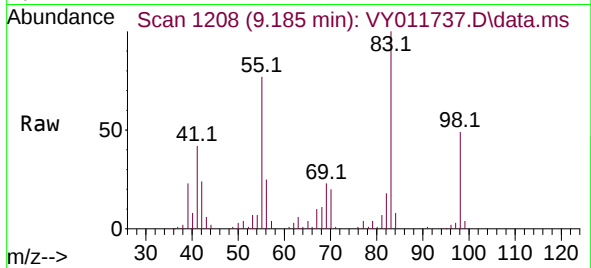




#39
Methylcyclohexane
Concen: 9.915 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

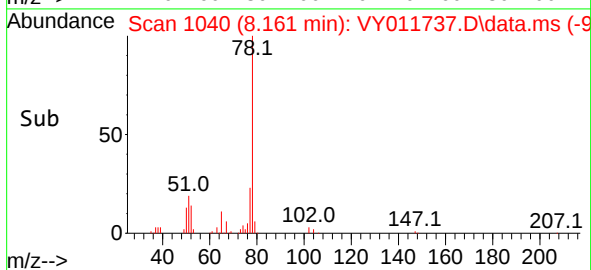
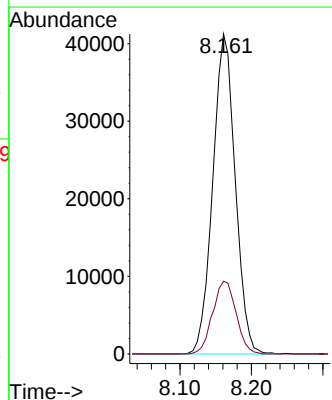
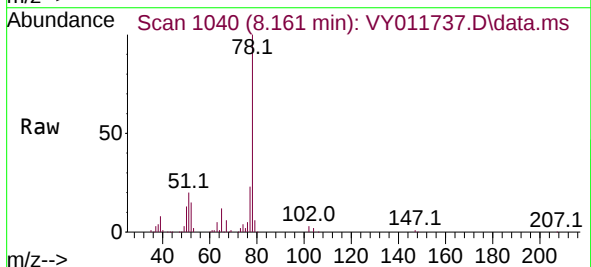
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

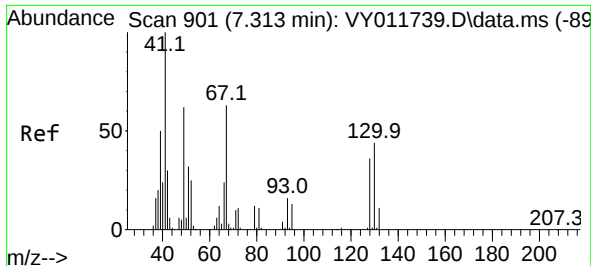
Tgt Ion: 83 Resp: 32715
Ion Ratio Lower Upper
83 100
55 76.9 58.2 87.2
98 48.9 38.6 58.0



#40
Benzene
Concen: 10.264 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 78 Resp: 89920
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8

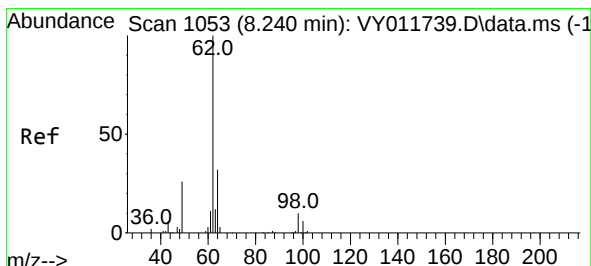
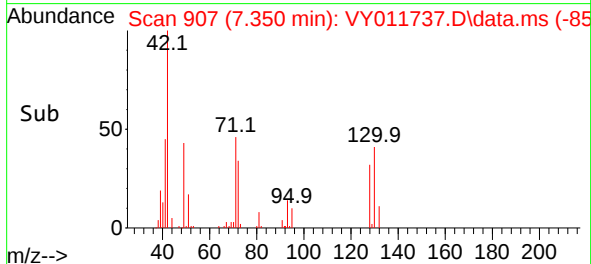
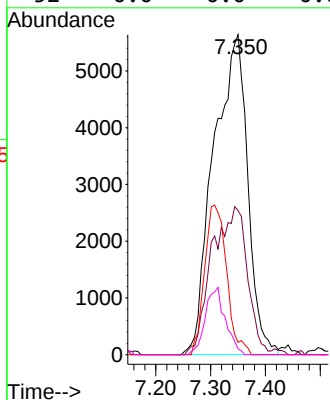
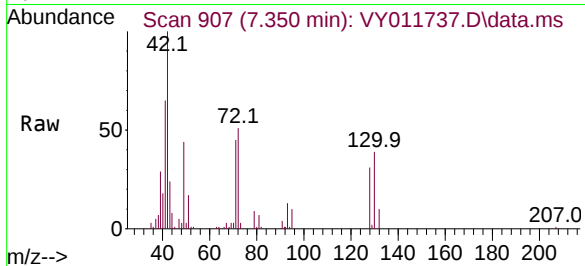




#41
Methacrylonitrile
Concen: 28.009 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

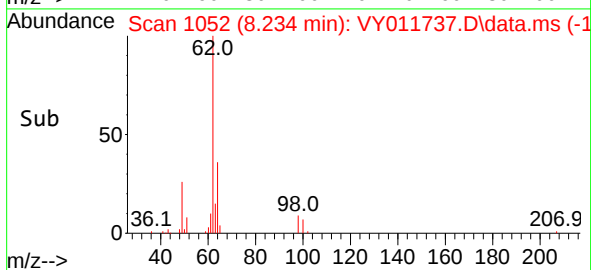
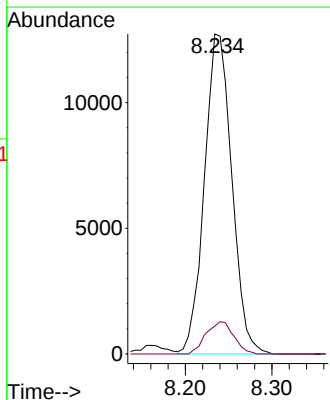
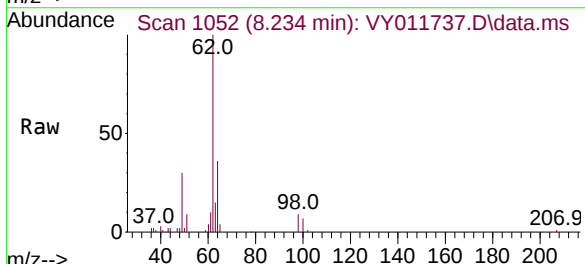
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

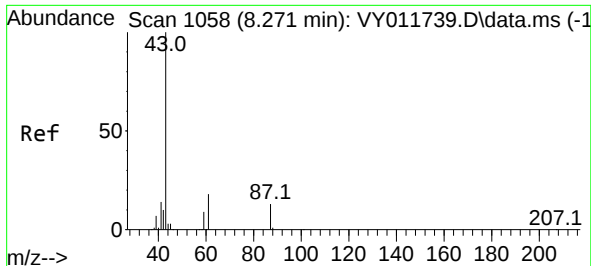
Tgt Ion:	41	Resp:	24265
Ion Ratio	Lower	Upper	
41	100		
39	48.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 10.324 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion:	62	Resp:	27970
Ion Ratio	Lower	Upper	
62	100		
98	10.2	0.0	19.6

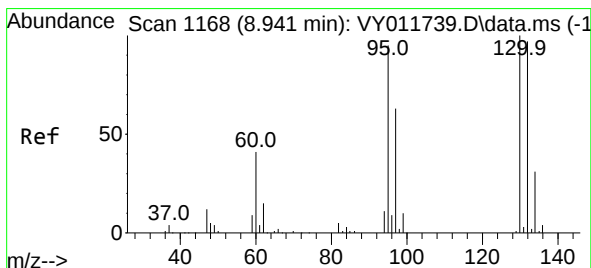
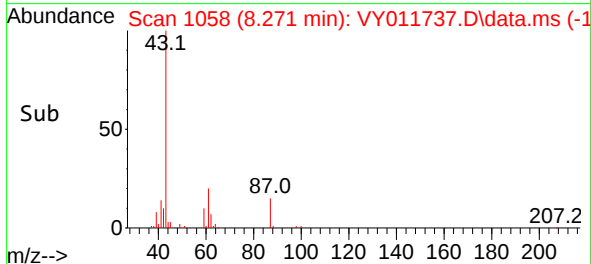
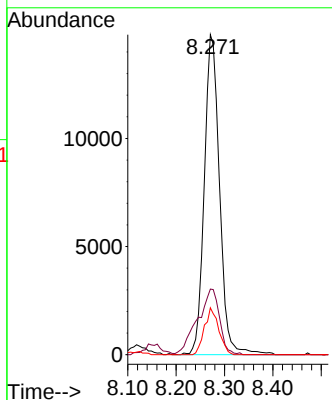
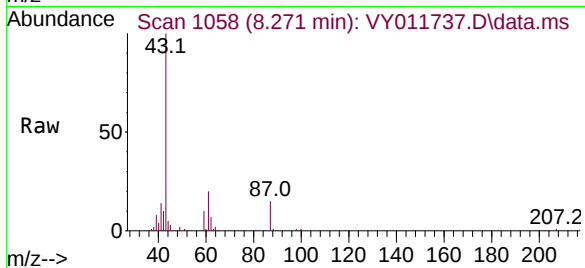




#43
Isopropyl Acetate
Concen: 10.441 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

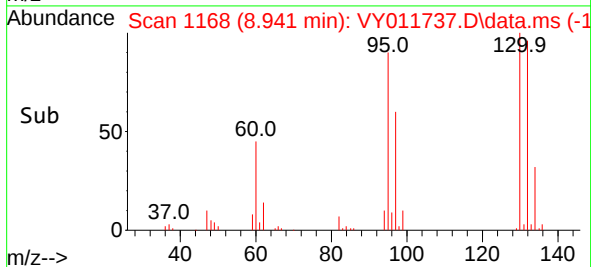
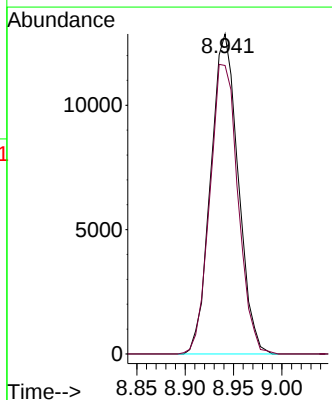
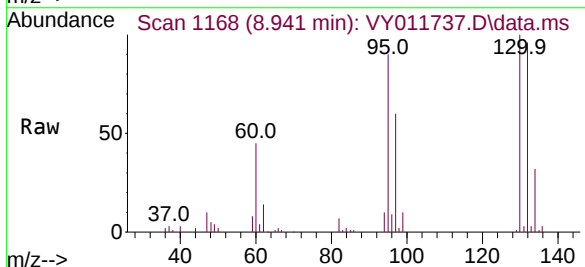
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 32459
Ion Ratio Lower Upper
43 100
61 29.5 24.4 36.6
87 13.7 11.4 17.2



#44
Trichloroethene
Concen: 10.354 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion:130 Resp: 25404
Ion Ratio Lower Upper
130 100
95 90.2 0.0 190.6





#45

1,2-Dichloropropane

Concen: 10.304 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

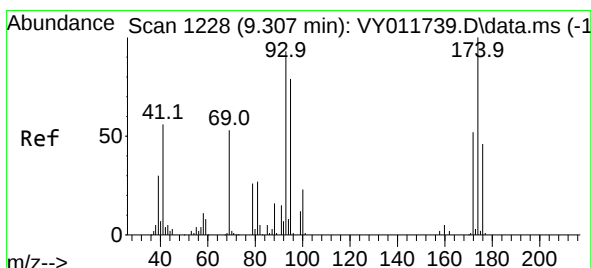
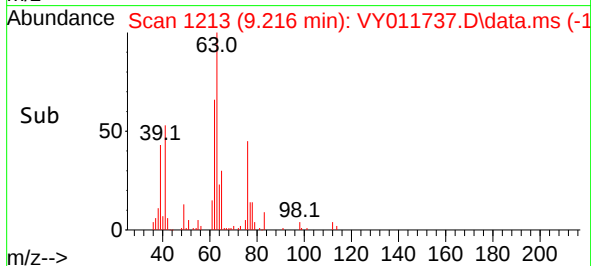
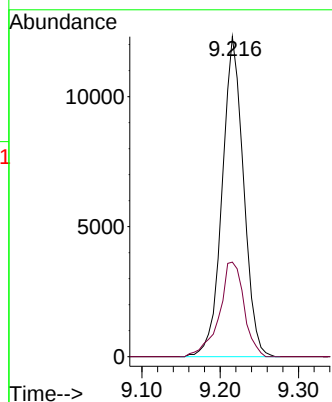
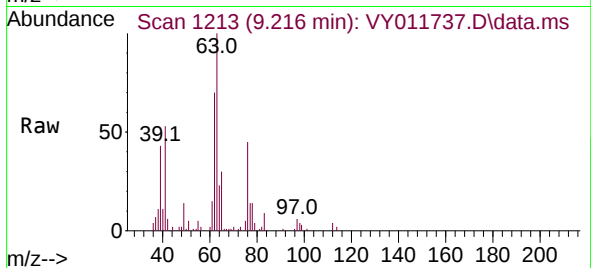
VSTDICC010

Tgt Ion: 63 Resp: 23365

Ion Ratio Lower Upper

63 100

65 29.6 24.9 37.3



#46

Dibromomethane

Concen: 10.547 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

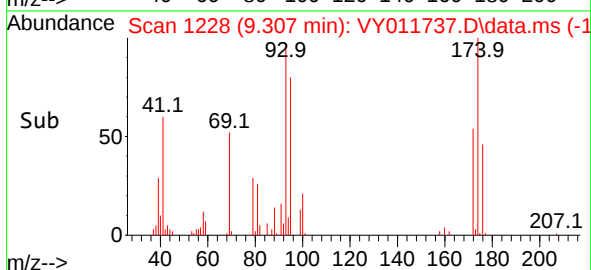
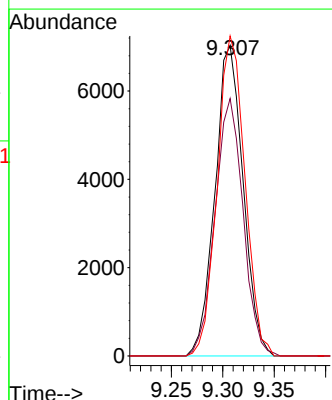
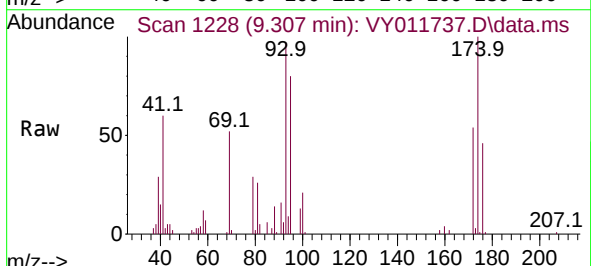
Tgt Ion: 93 Resp: 13387

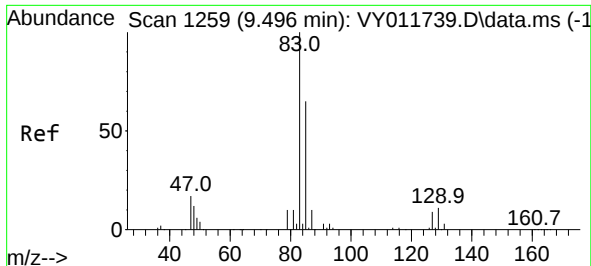
Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

174 101.6 84.7 127.1

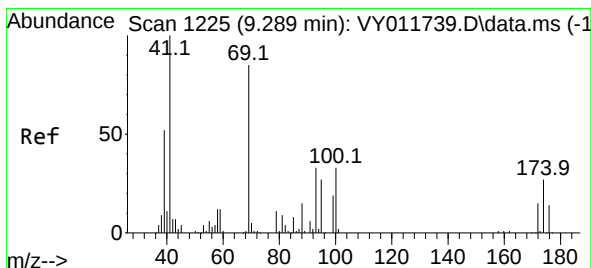
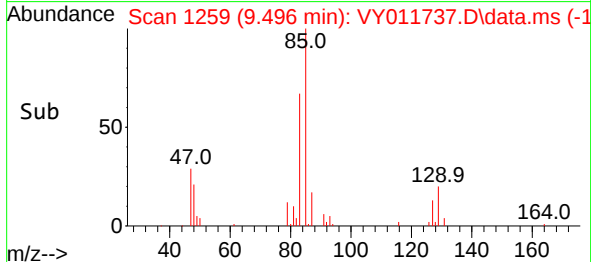
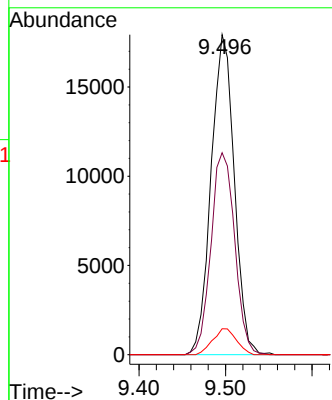
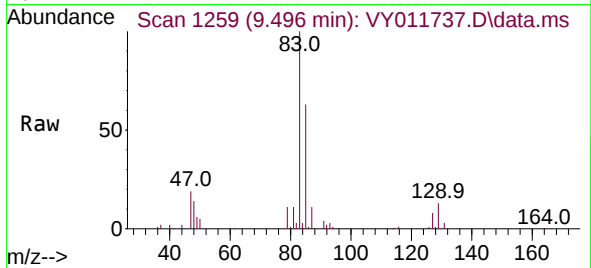




#47
Bromodichloromethane
Concen: 10.156 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

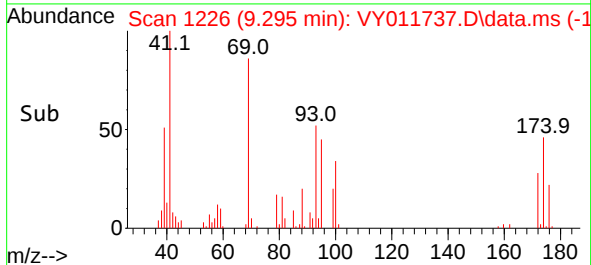
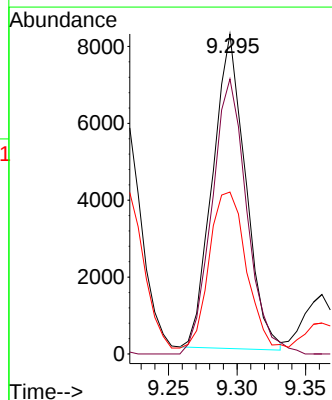
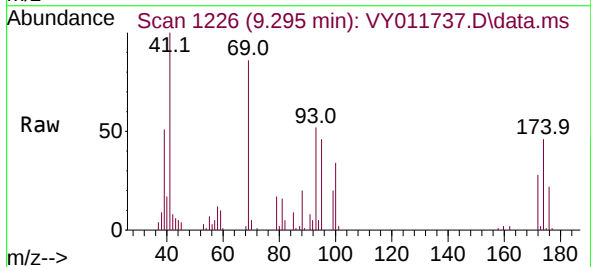
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

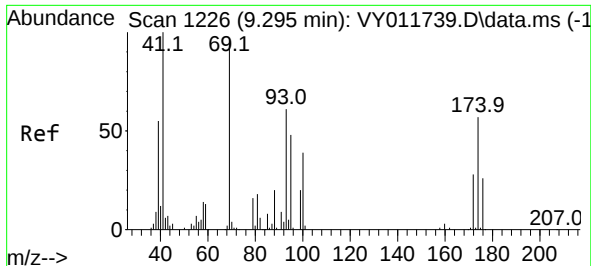
Tgt Ion: 83	Resp: 33303
Ion Ratio	Lower Upper
83 100	
85 63.1	52.0 78.0
127 8.1	7.3 10.9



#48
Methyl methacrylate
Concen: 9.961 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 41	Resp: 13650
Ion Ratio	Lower Upper
41 100	
69 93.4	74.2 111.2
39 60.5	46.3 69.5





#49

1,4-Dioxane

Concen: 212.698 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

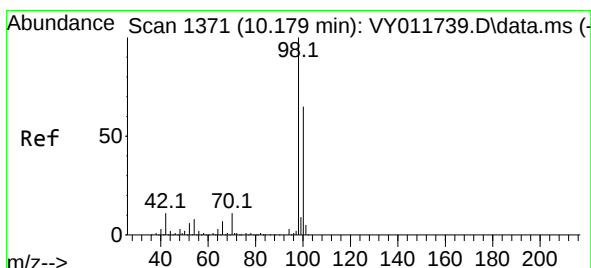
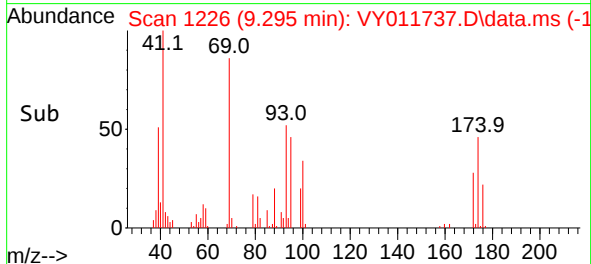
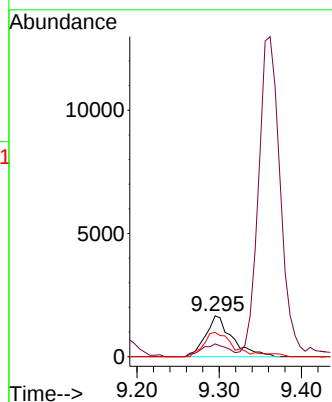
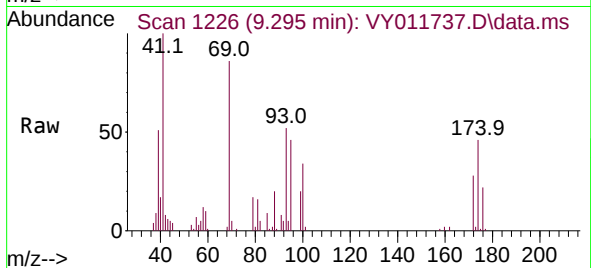
Tgt Ion: 88 Resp: 3740

Ion Ratio Lower Upper

88 100

43 30.3 26.2 39.2

58 68.8 54.3 81.5



#50

Toluene-d8

Concen: 12.394 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY011737.D

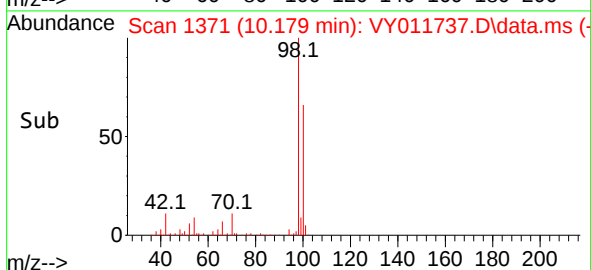
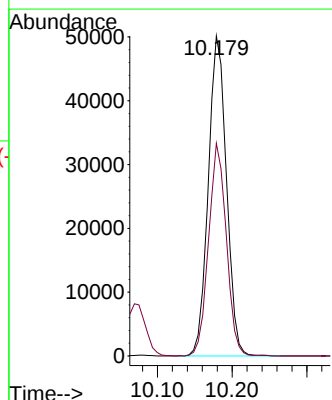
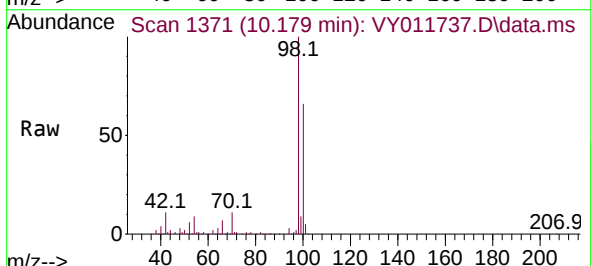
Acq: 09 Dec 2022 11:15

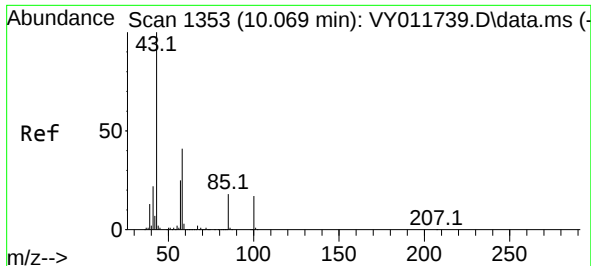
Tgt Ion: 98 Resp: 84738

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

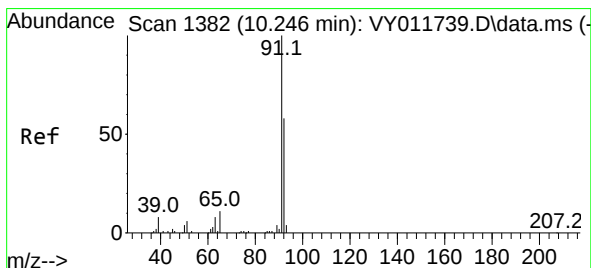
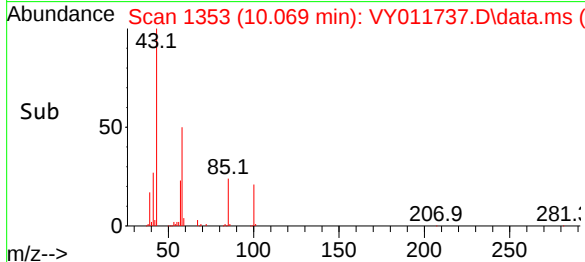
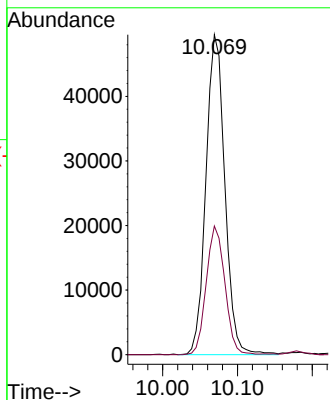
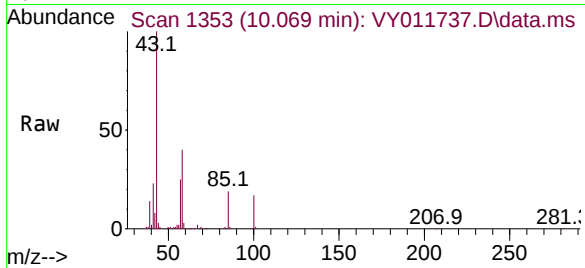




#51
4-Methyl-2-Pentanone
Concen: 50.888 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

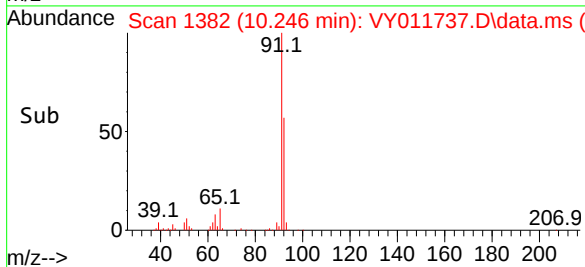
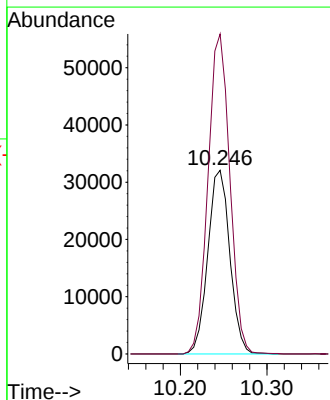
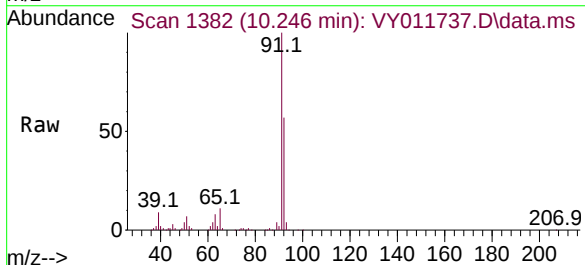
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

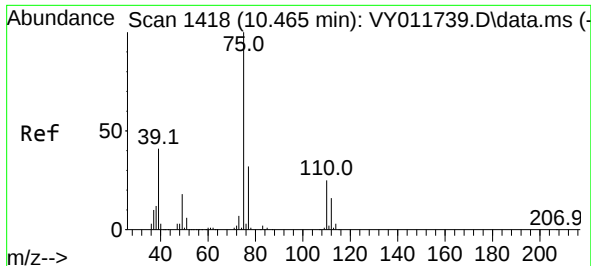
Tgt Ion: 43 Resp: 87172
Ion Ratio Lower Upper
43 100
58 39.6 32.9 49.3



#52
Toluene
Concen: 10.159 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 92 Resp: 56578
Ion Ratio Lower Upper
92 100
91 172.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 10.082 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

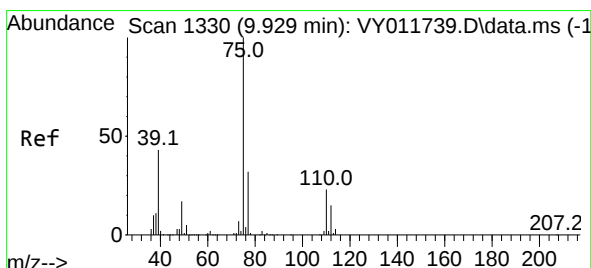
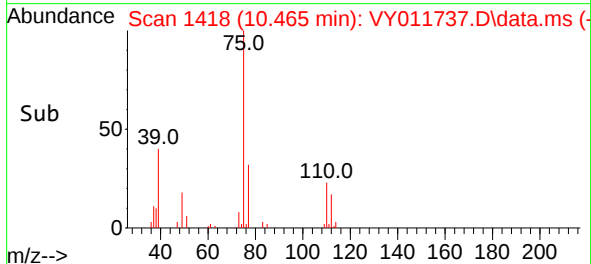
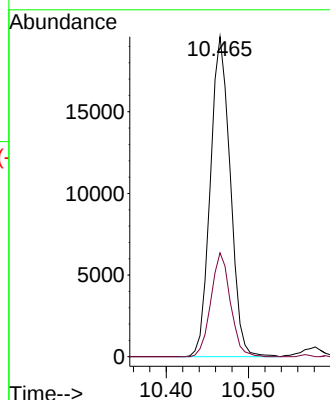
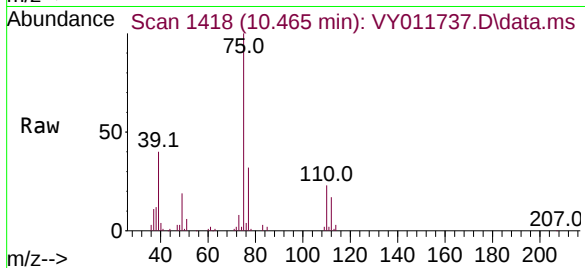
VSTDIC010

Tgt Ion: 75 Resp: 33023

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 10.058 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

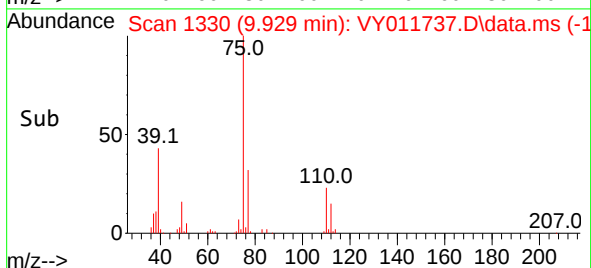
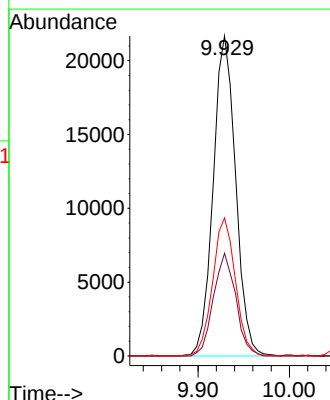
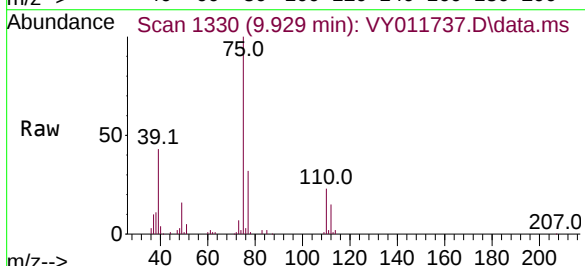
Tgt Ion: 75 Resp: 37015

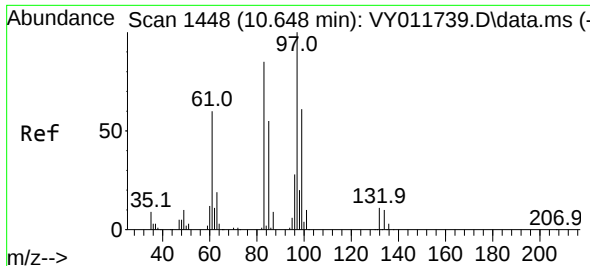
Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9

39 43.2 34.6 52.0

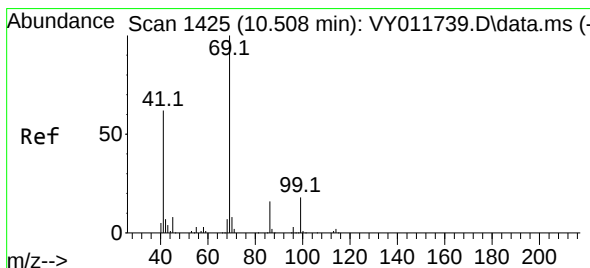
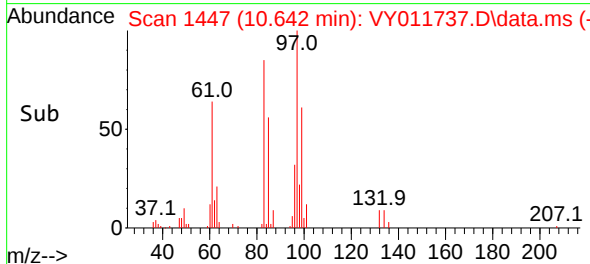
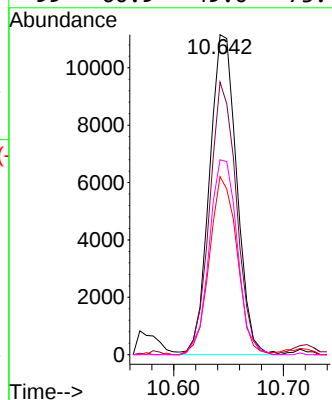
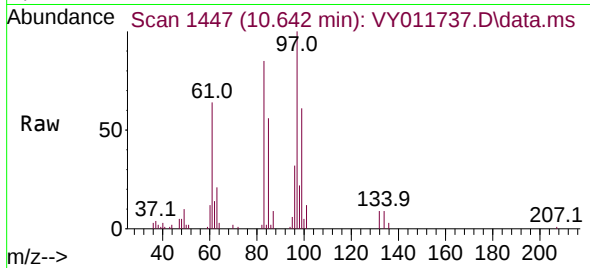




#55
1,1,2-Trichloroethane
Concen: 10.301 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

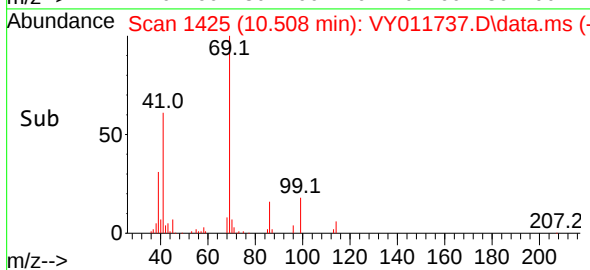
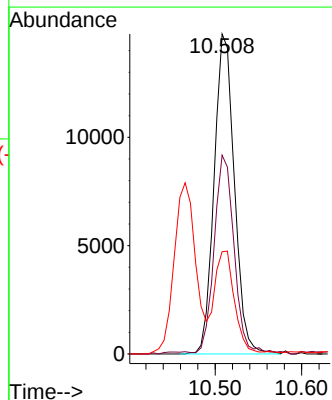
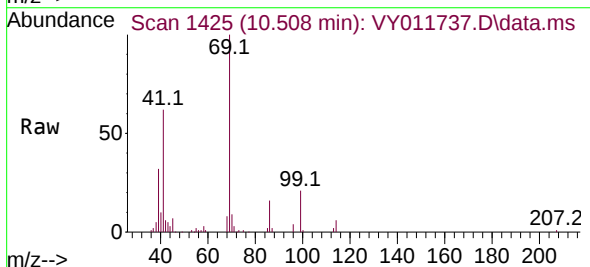
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

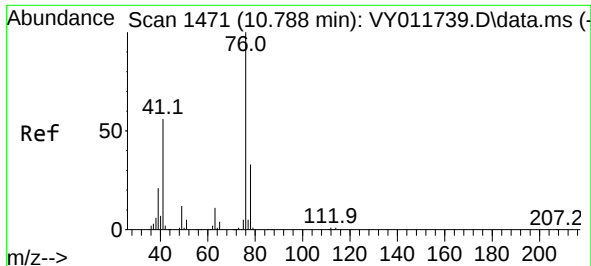
Tgt Ion: 97	Resp: 19325
Ion Ratio	Lower Upper
97 100	
83 85.2	67.7 101.5
85 55.6	43.8 65.8
99 60.9	49.0 73.4



#56
Ethyl methacrylate
Concen: 9.913 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 69	Resp: 24006
Ion Ratio	Lower Upper
69 100	
41 61.7	48.9 73.3
39 31.5	25.9 38.9





#57

1,3-Dichloropropane

Concen: 10.497 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

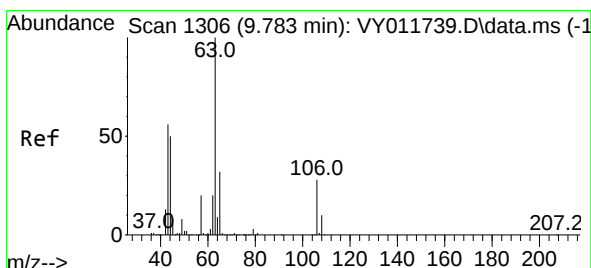
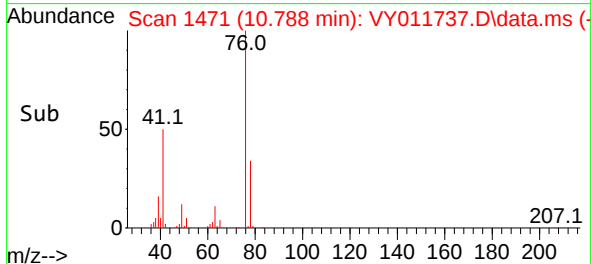
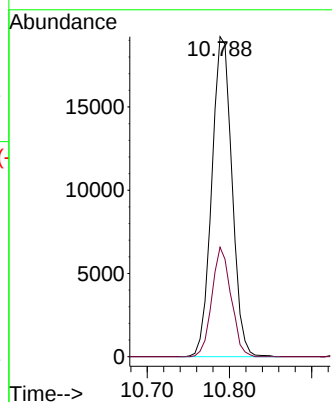
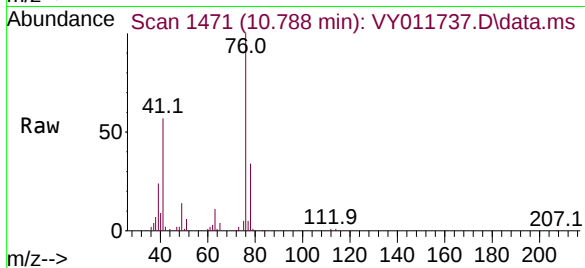
VSTDIC010

Tgt Ion: 76 Resp: 32825

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 49.025 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY011737.D

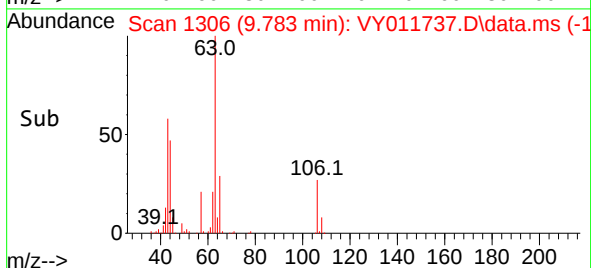
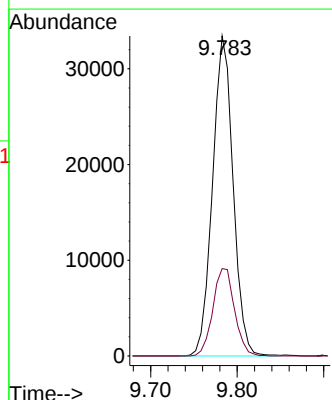
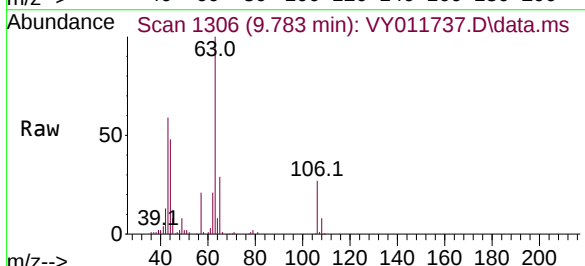
Acq: 09 Dec 2022 11:15

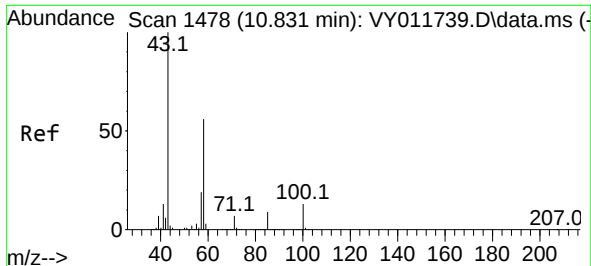
Tgt Ion: 63 Resp: 55053

Ion Ratio Lower Upper

63 100

106 28.8 23.2 34.8





#59

2-Hexanone

Concen: 50.431 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

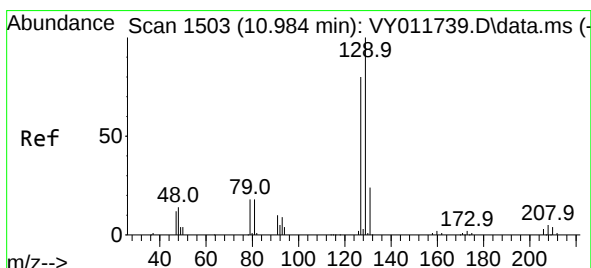
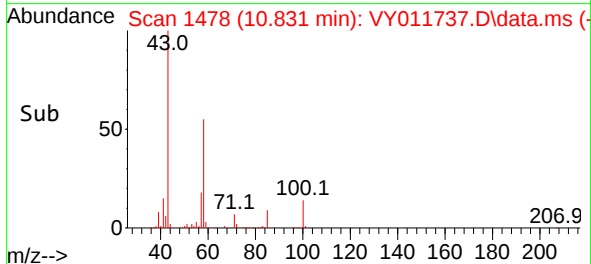
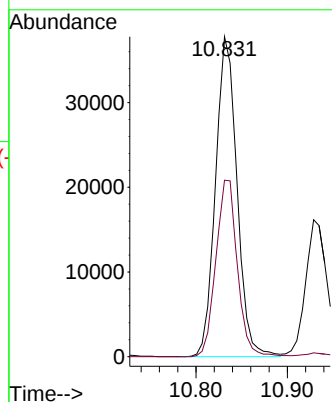
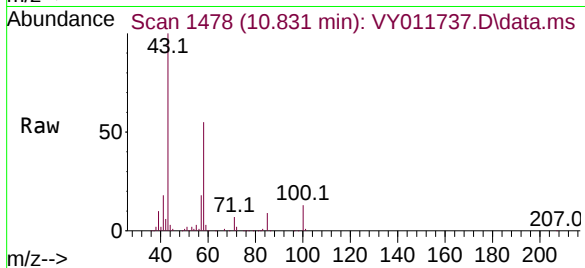
VSTDIC010

Tgt Ion: 43 Resp: 61723

Ion Ratio Lower Upper

43 100

58 55.3 28.4 85.2



#60

Dibromochloromethane

Concen: 10.267 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY011737.D

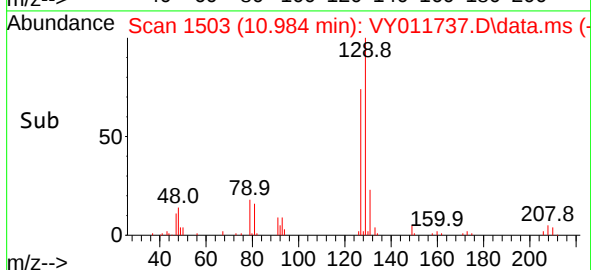
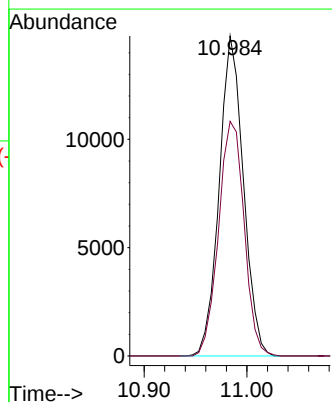
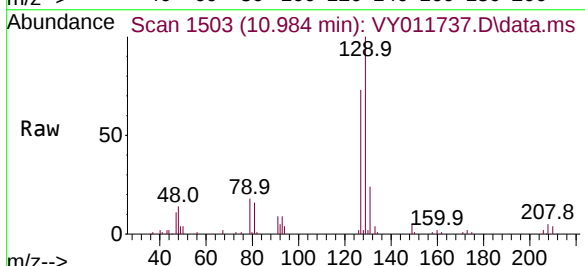
Acq: 09 Dec 2022 11:15

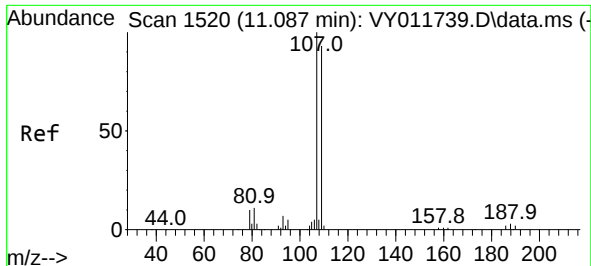
Tgt Ion: 129 Resp: 24125

Ion Ratio Lower Upper

129 100

127 77.5 38.9 116.6

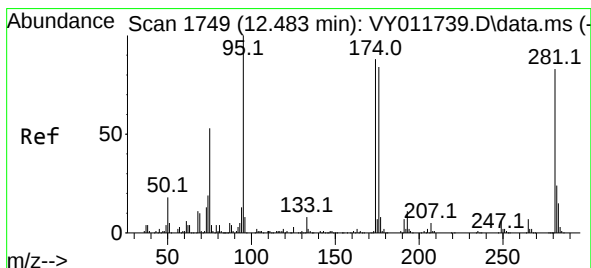
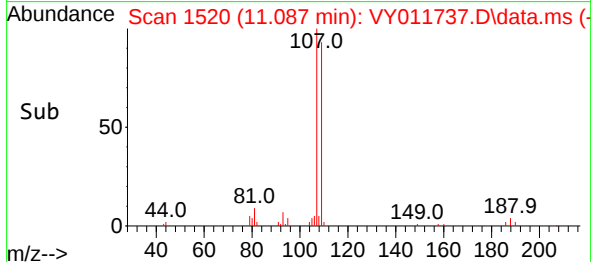
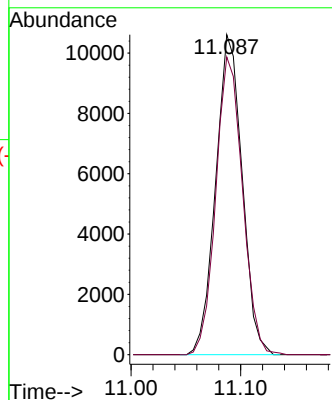
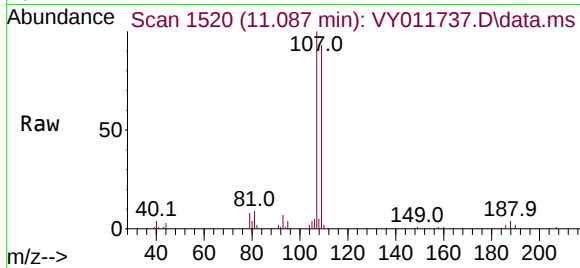




#61
1,2-Dibromoethane
Concen: 10.460 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

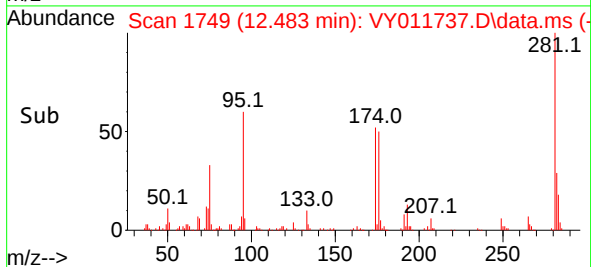
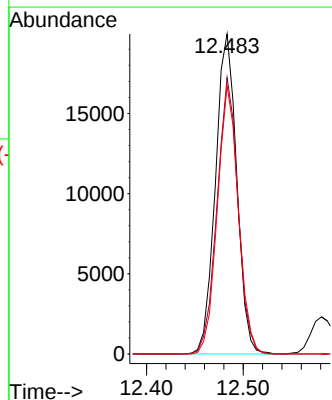
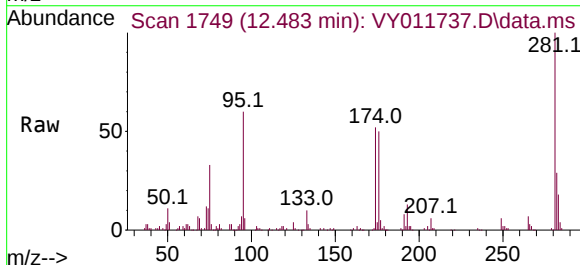
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

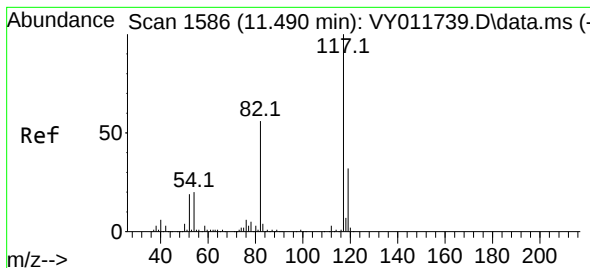
Tgt Ion:107 Resp: 17778
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 11.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 95 Resp: 30456
Ion Ratio Lower Upper
95 100
174 84.9 0.0 172.0
176 82.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

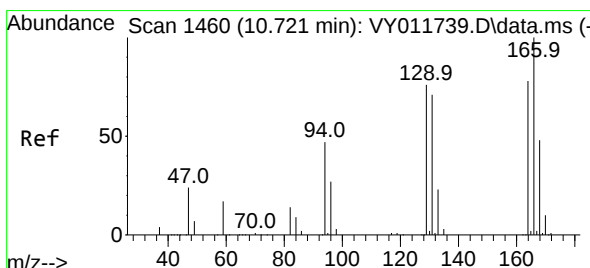
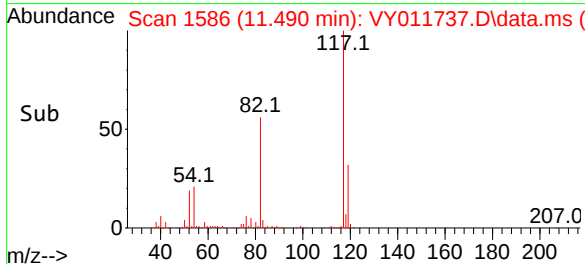
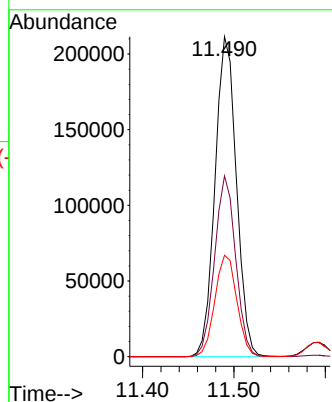
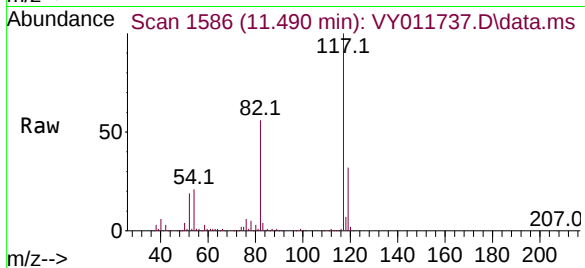
Tgt Ion:117 Resp: 344133

Ion Ratio Lower Upper

117 100

82 56.5 44.8 67.2

119 31.7 25.4 38.2



#64

Tetrachloroethene

Concen: 10.115 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Tgt Ion:164 Resp: 24628

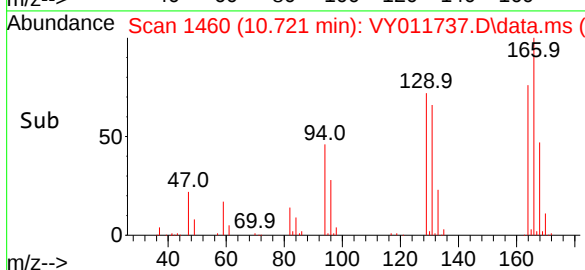
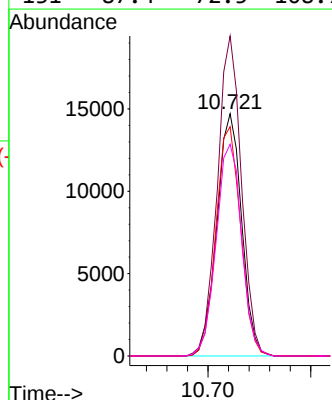
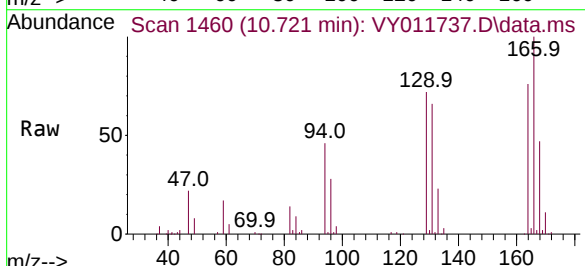
Ion Ratio Lower Upper

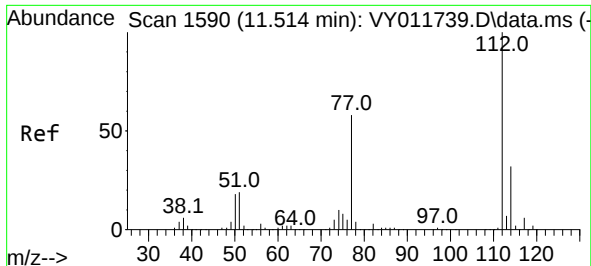
164 100

166 132.1 102.3 153.5

129 94.6 77.2 115.8

131 87.4 72.5 108.7

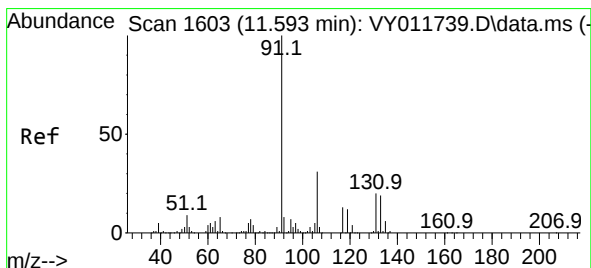
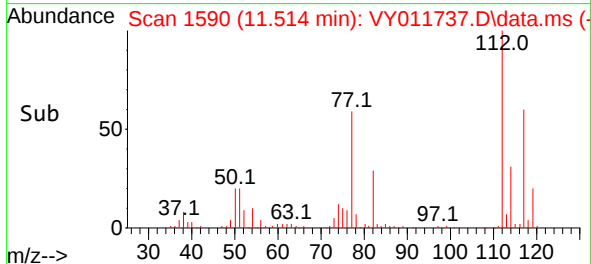
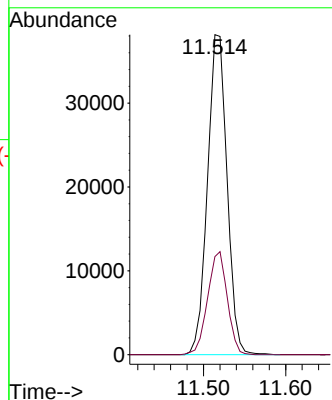
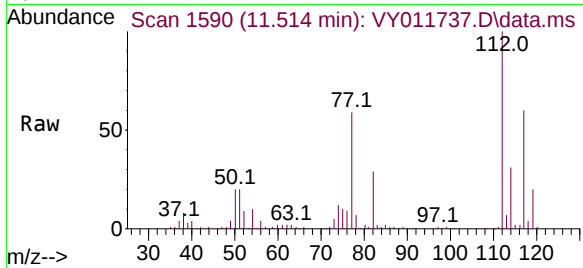




#65
Chlorobenzene
Concen: 10.179 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

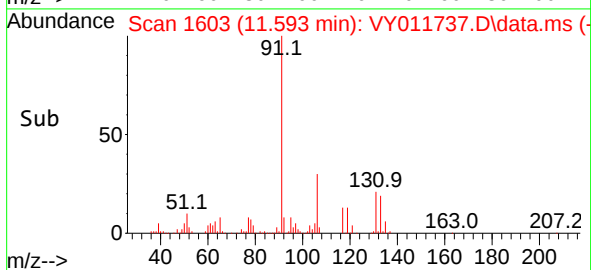
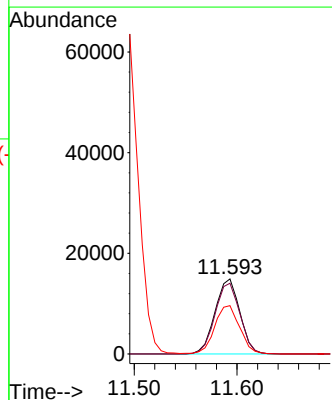
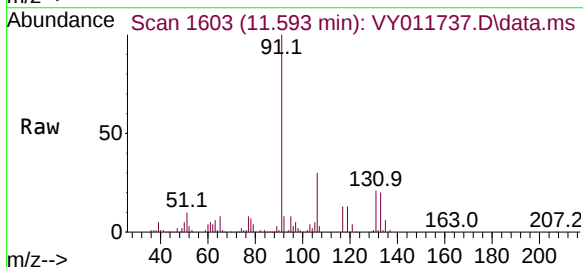
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

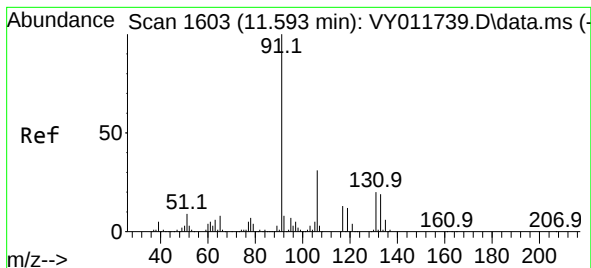
Tgt Ion:112 Resp: 63114
Ion Ratio Lower Upper
112 100
114 30.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 10.324 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion:131 Resp: 24835
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 65.5 32.1 96.3

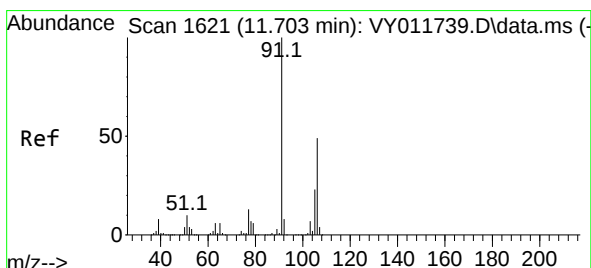
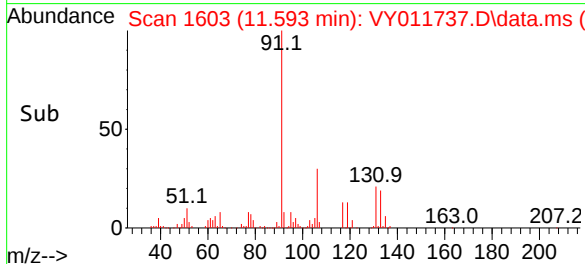
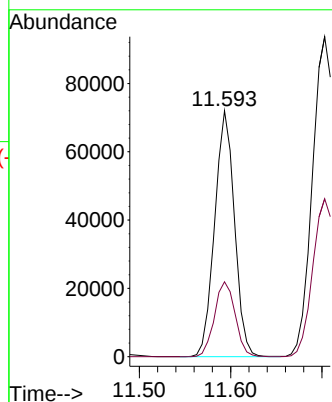
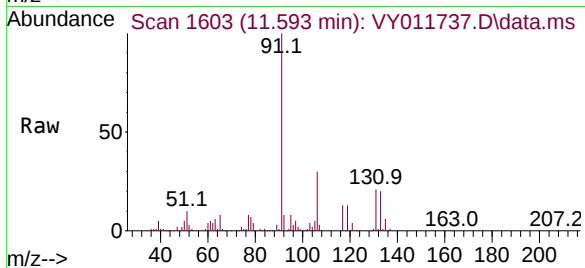




#67
Ethyl Benzene
Concen: 9.930 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

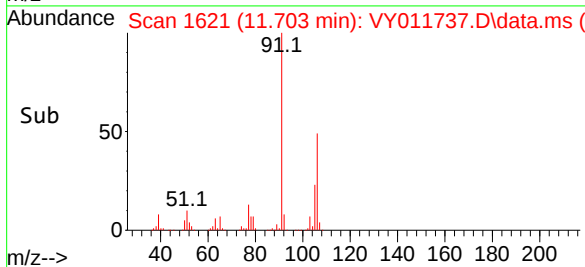
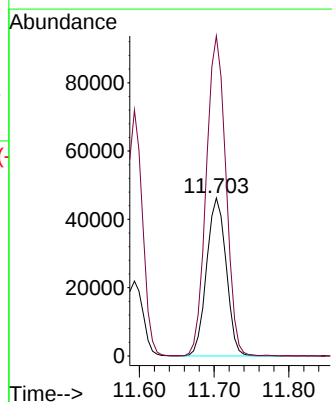
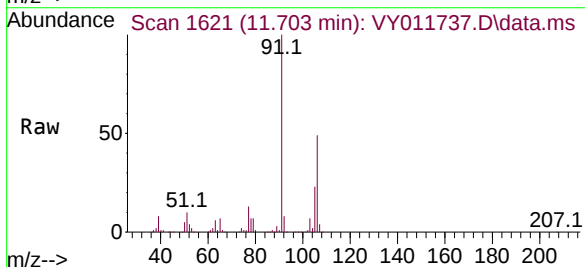
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

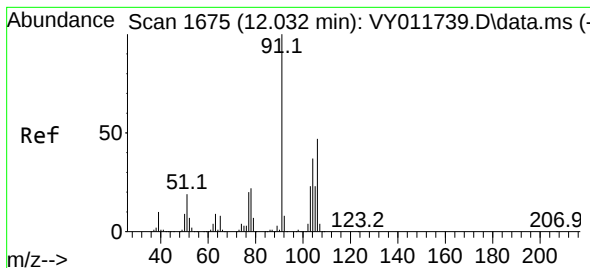
Tgt Ion: 91 Resp: 108493
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4



#68
m/p-Xylenes
Concen: 20.085 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion:106 Resp: 84039
Ion Ratio Lower Upper
106 100
91 202.7 162.5 243.7

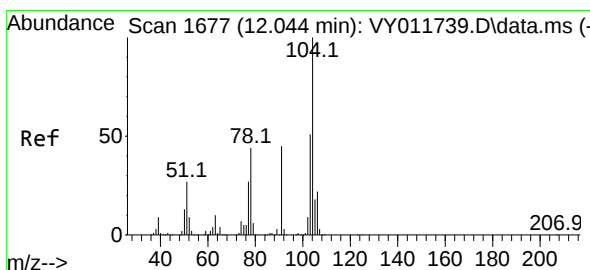
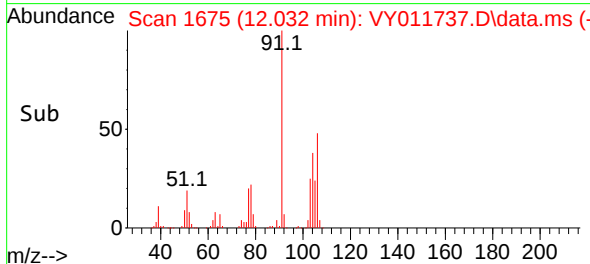
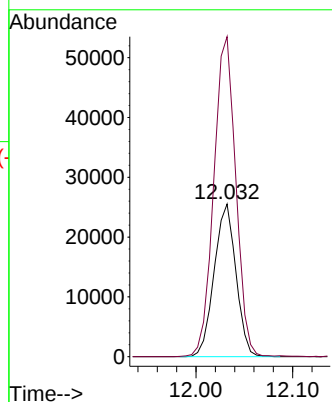
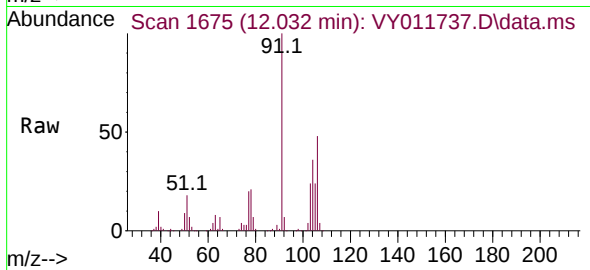




#69
o-Xylene
Concen: 9.990 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

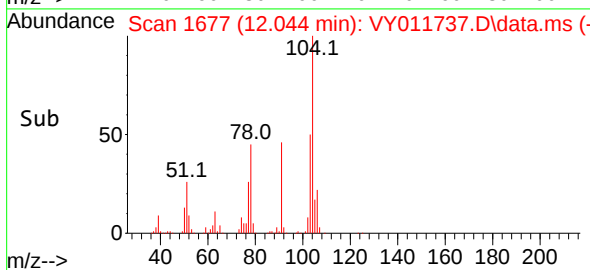
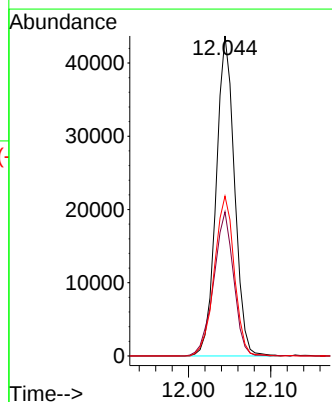
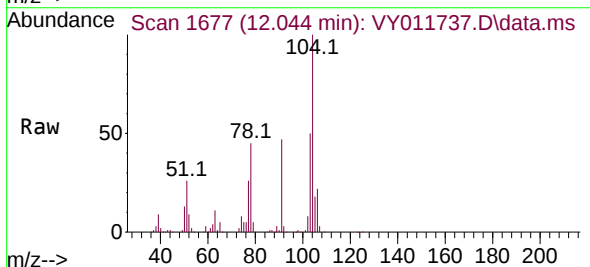
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

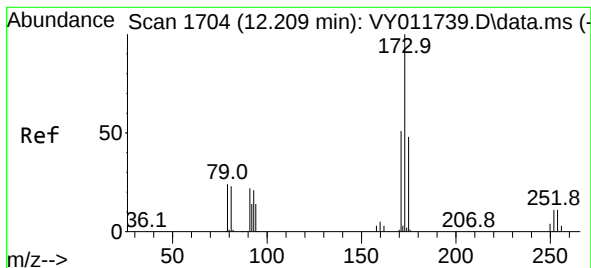
Tgt Ion:106 Resp: 39842
Ion Ratio Lower Upper
106 100
91 212.5 107.5 322.4



#70
Styrene
Concen: 9.975 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion:104 Resp: 67897
Ion Ratio Lower Upper
104 100
78 48.6 39.4 59.0
103 54.2 43.0 64.4





#71

Bromoform

Concen: 10.239 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

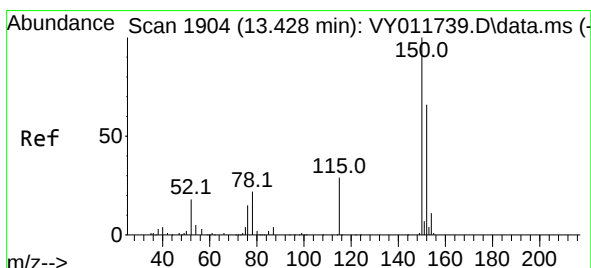
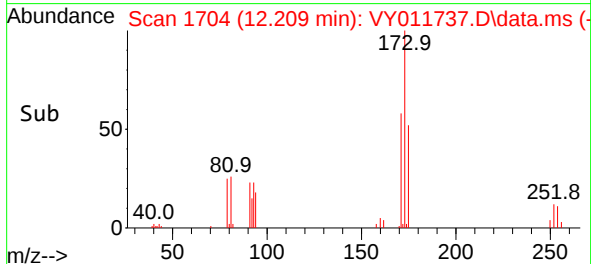
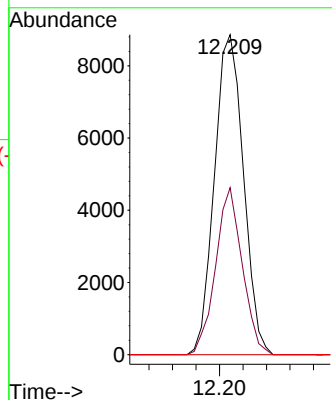
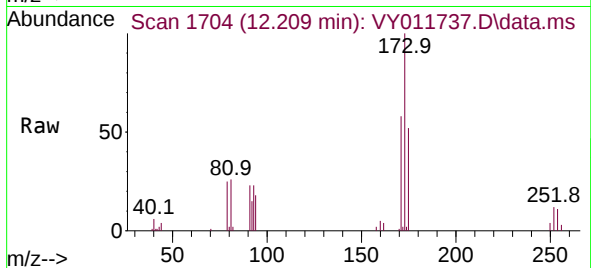
Tgt Ion:173 Resp: 15192

Ion Ratio Lower Upper

173 100

175 48.0 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

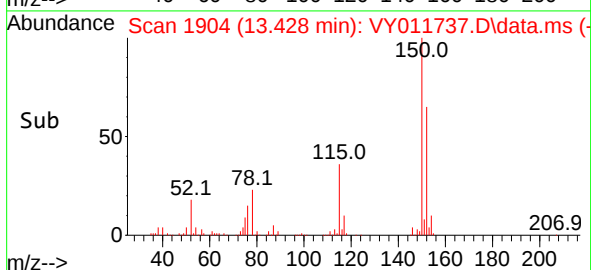
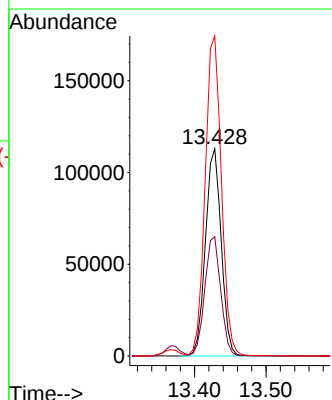
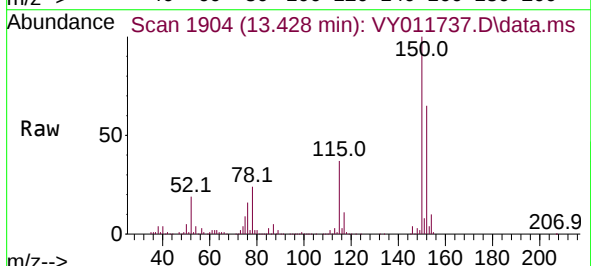
Tgt Ion:152 Resp: 172640

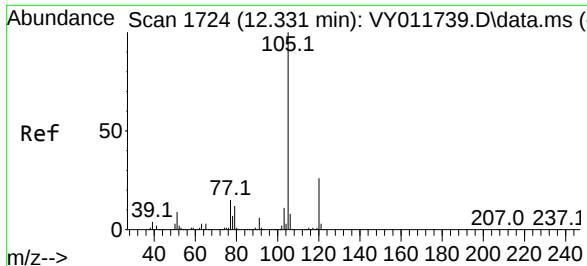
Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 158.9 0.0 342.6

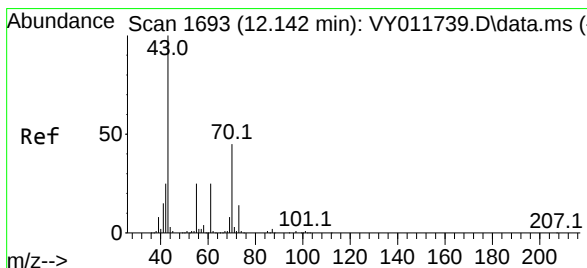
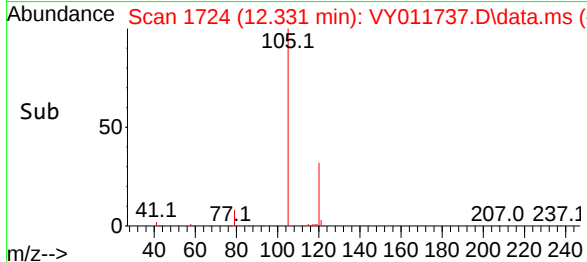
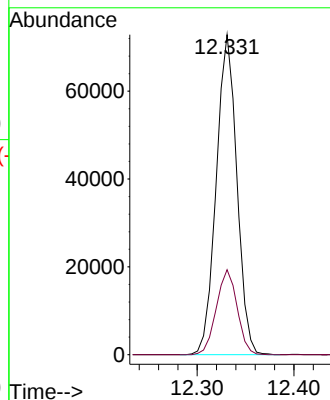
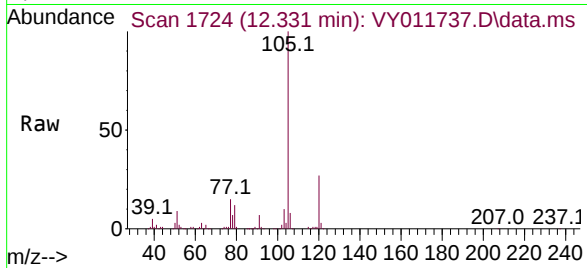




#73
Isopropylbenzene
Concen: 9.629 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

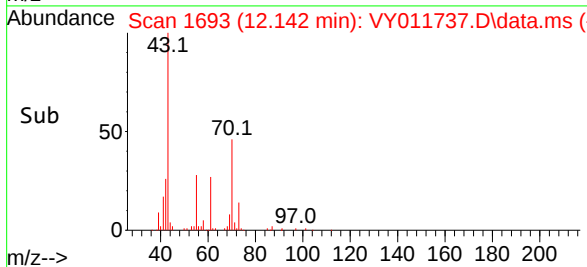
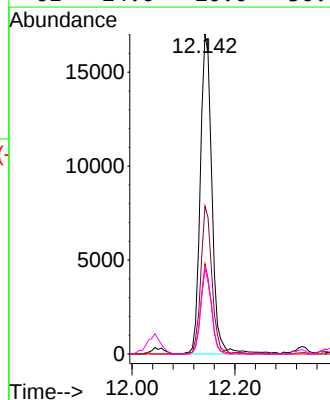
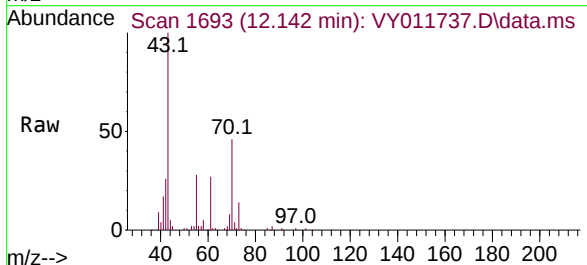
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

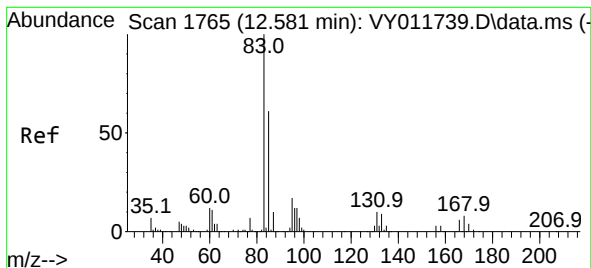
Tgt Ion:105 Resp: 107708
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 9.985 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 43 Resp: 26853
Ion Ratio Lower Upper
43 100
70 43.7 35.8 53.8
55 25.8 21.0 31.4
61 24.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.324 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

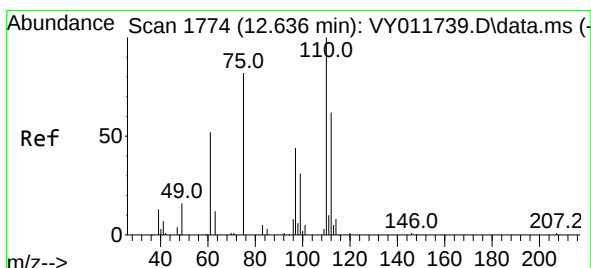
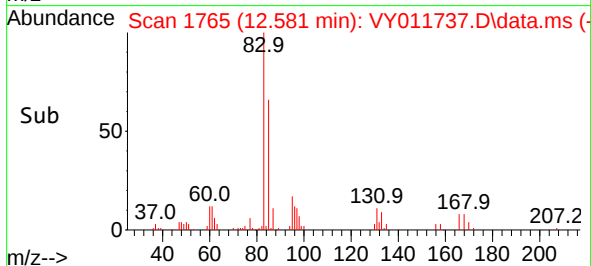
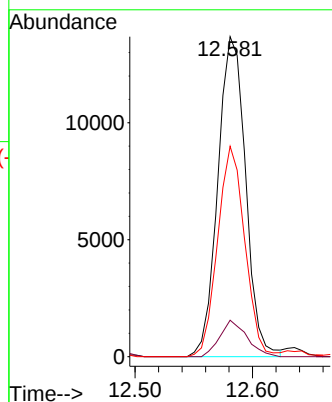
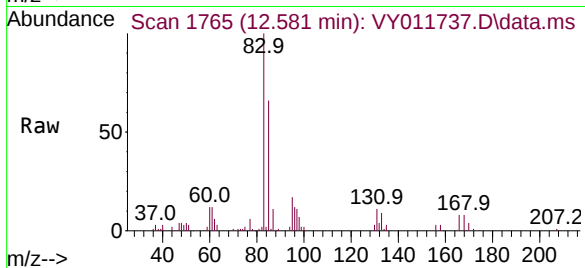
Tgt Ion: 83 Resp: 22490

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

85 64.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 14.695 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY011737.D

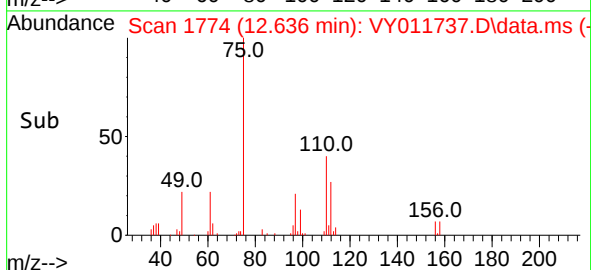
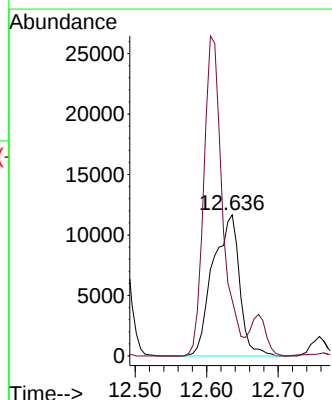
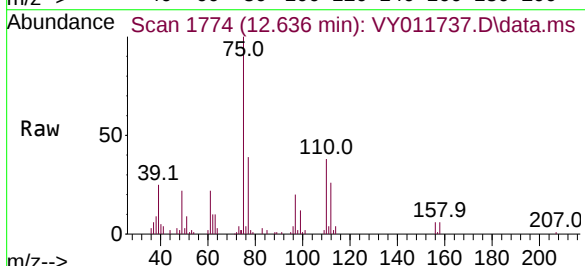
Acq: 09 Dec 2022 11:15

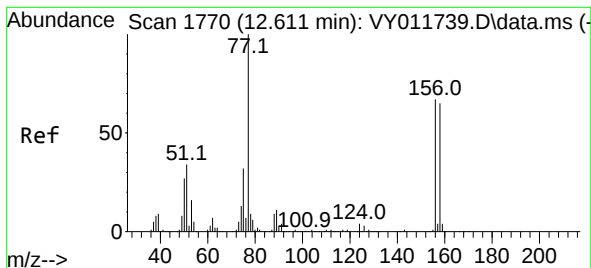
Tgt Ion: 75 Resp: 30241

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.983 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

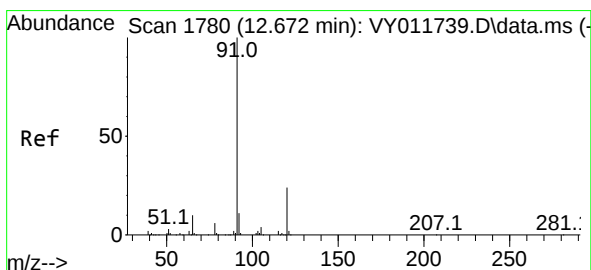
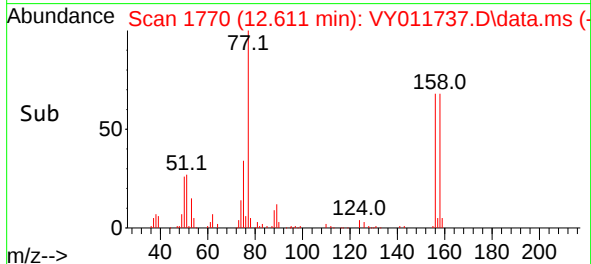
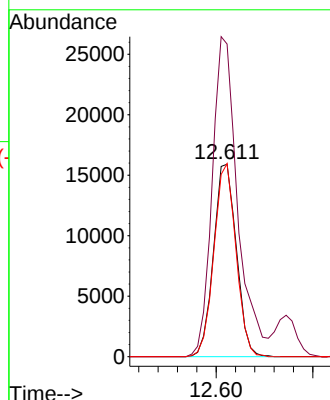
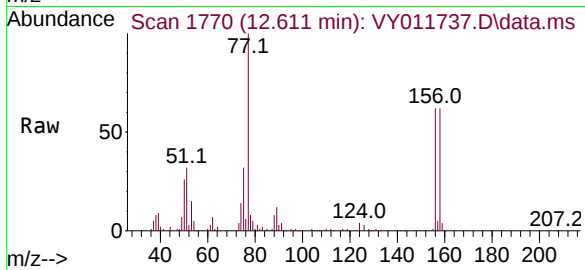
Tgt Ion:156 Resp: 26072

Ion Ratio Lower Upper

156 100

77 185.8 90.0 270.0

158 96.8 48.4 145.2



#78

n-propylbenzene

Concen: 9.775 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY011737.D

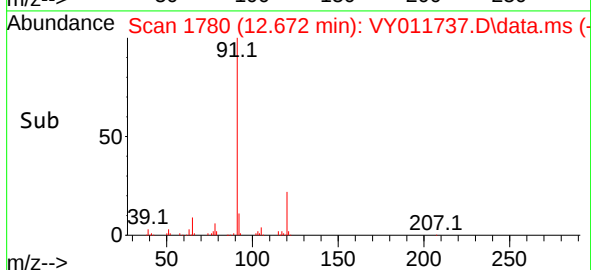
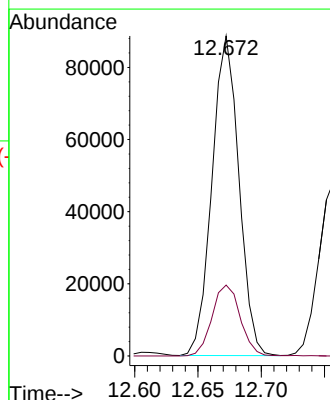
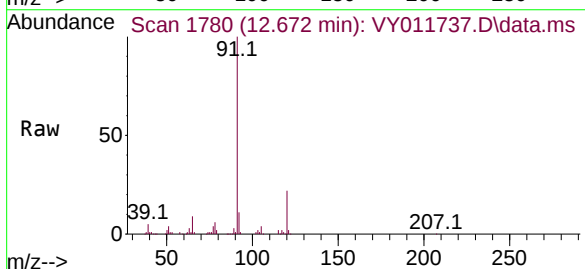
Acq: 09 Dec 2022 11:15

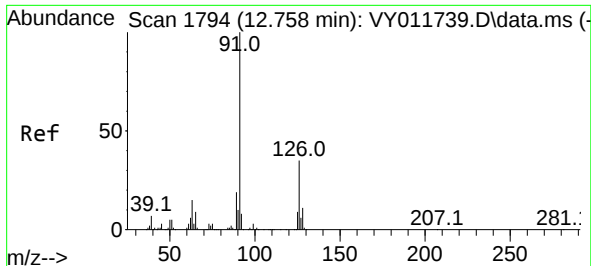
Tgt Ion: 91 Resp: 131025

Ion Ratio Lower Upper

91 100

120 23.2 11.8 35.4

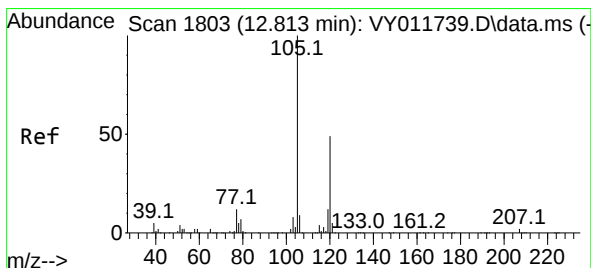
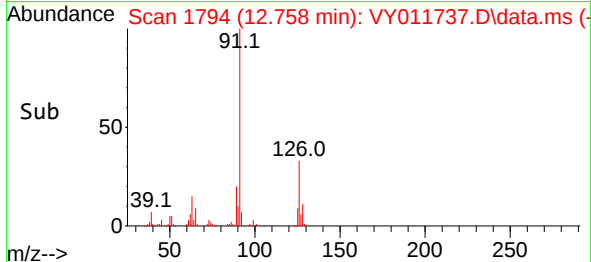
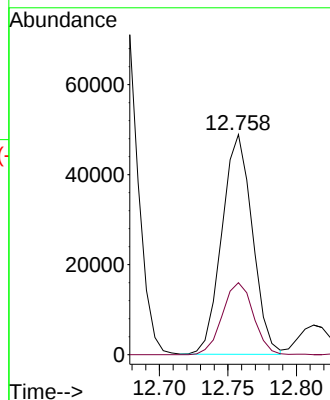
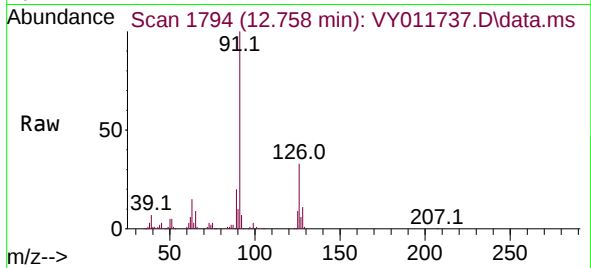




#79
2-Chlorotoluene
Concen: 9.902 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

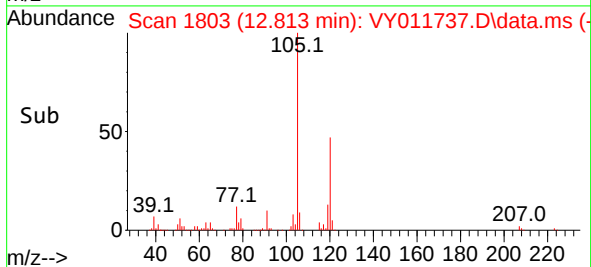
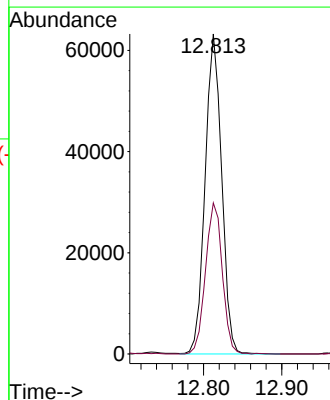
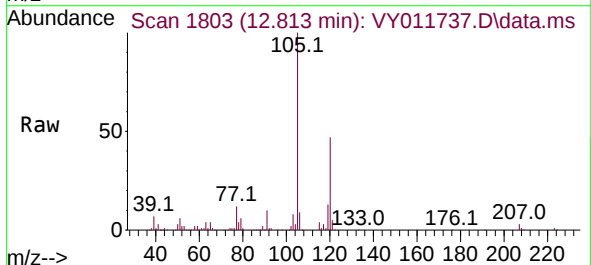
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

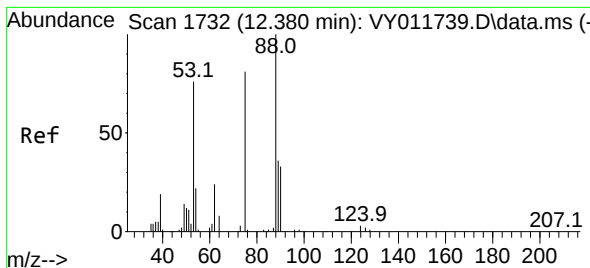
Tgt Ion: 91 Resp: 75749
Ion Ratio Lower Upper
91 100
126 33.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 9.790 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 105 Resp: 92560
Ion Ratio Lower Upper
105 100
120 47.9 24.2 72.6

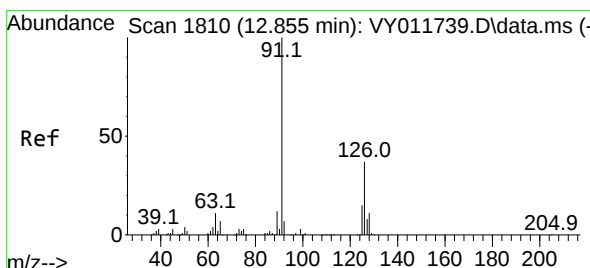
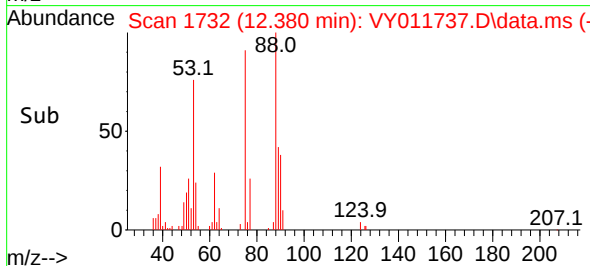
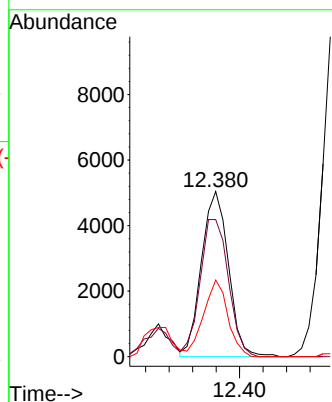
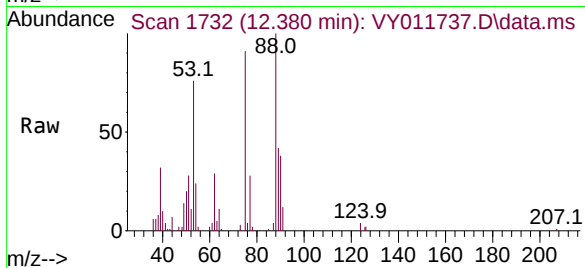




#81
trans-1,4-Dichloro-2-butene
Concen: 10.435 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

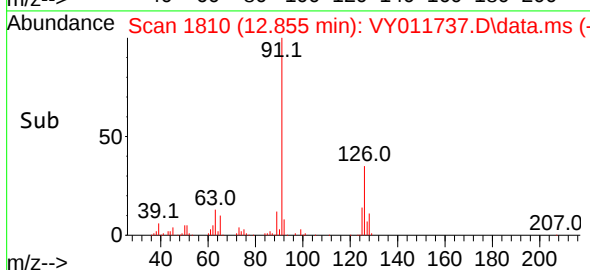
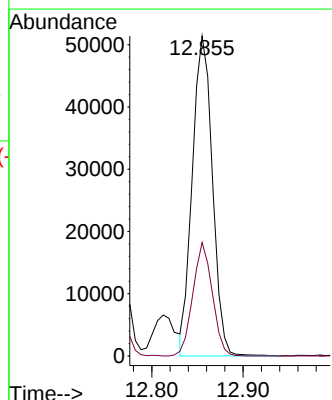
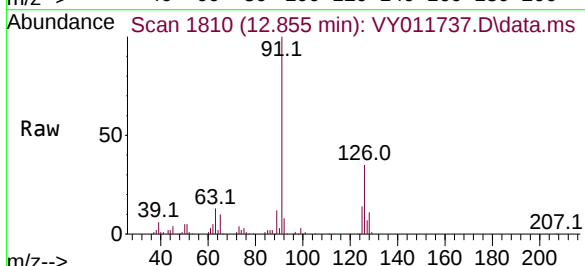
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

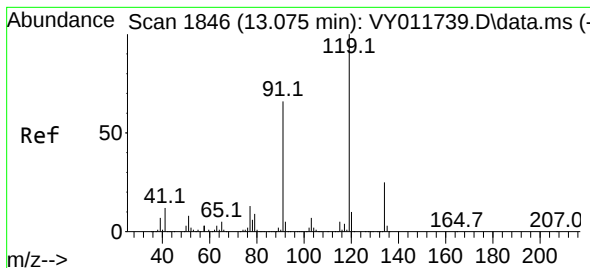
Tgt Ion: 75 Resp: 8032
Ion Ratio Lower Upper
75 100
53 87.2 72.5 108.7
89 41.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 9.921 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 91 Resp: 78717
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 9.516 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

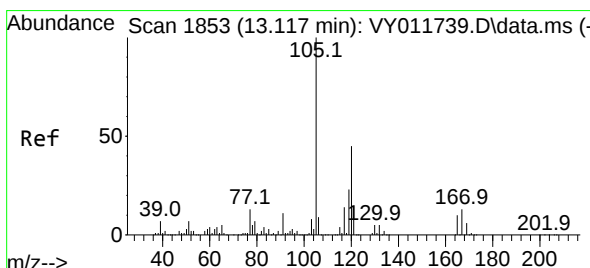
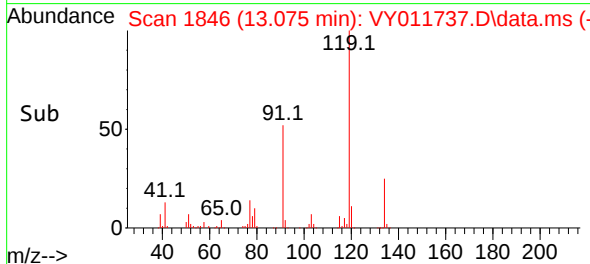
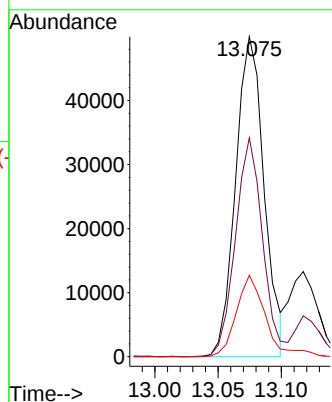
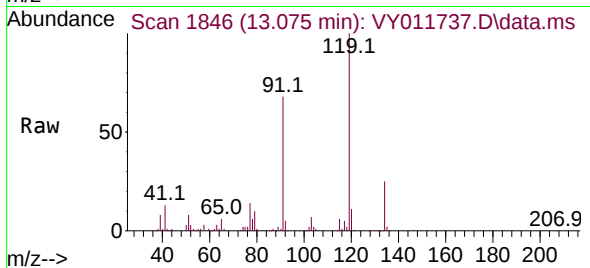
Tgt Ion:119 Resp: 78336

Ion Ratio Lower Upper

119 100

91 65.7 32.3 96.8

134 26.1 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 9.619 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY011737.D

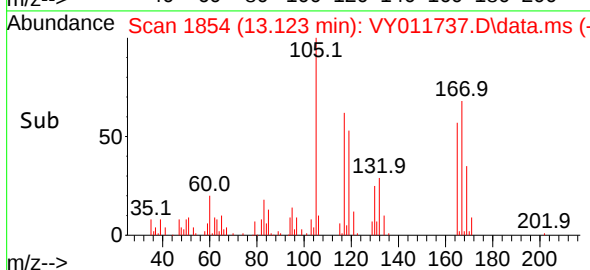
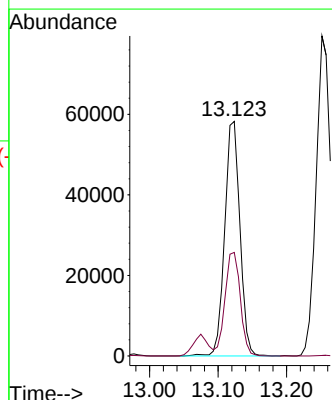
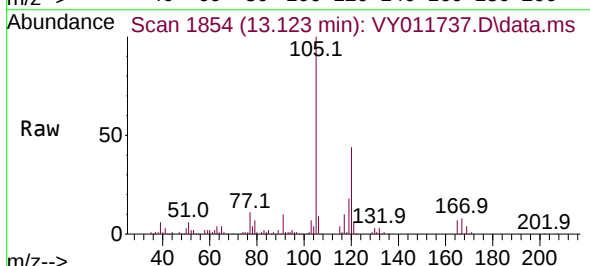
Acq: 09 Dec 2022 11:15

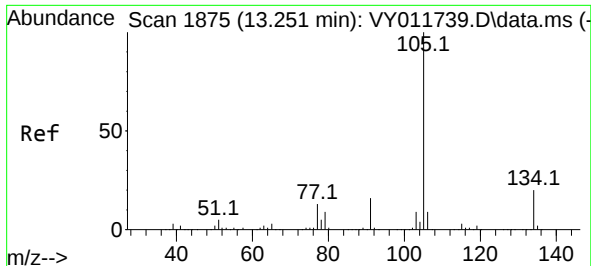
Tgt Ion:105 Resp: 89542

Ion Ratio Lower Upper

105 100

120 44.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 9.655 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

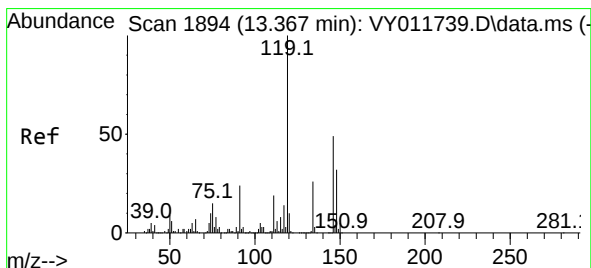
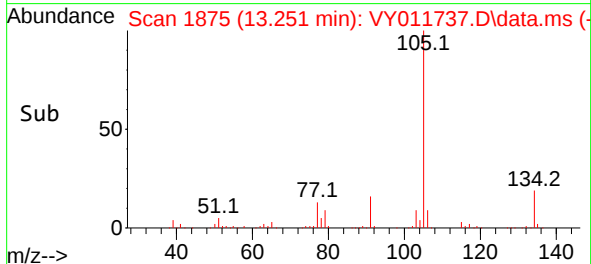
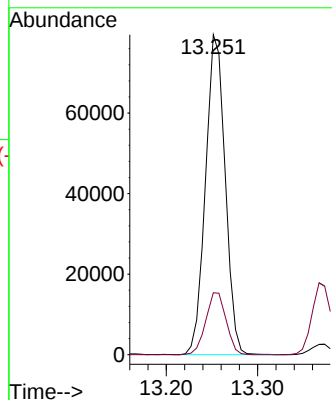
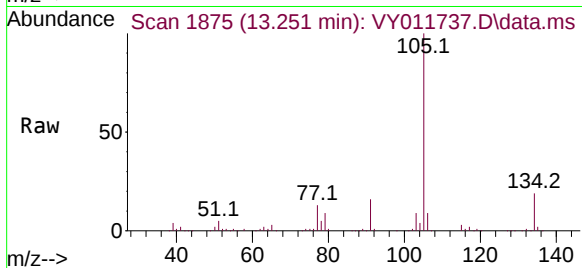
VSTDIC010

Tgt Ion:105 Resp: 118374

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 9.630 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

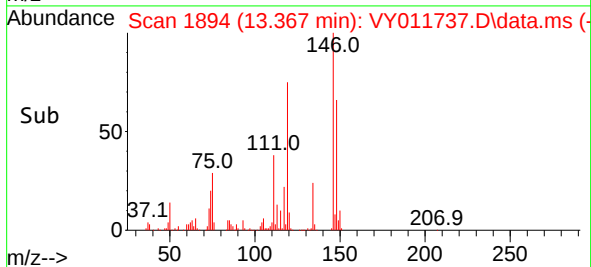
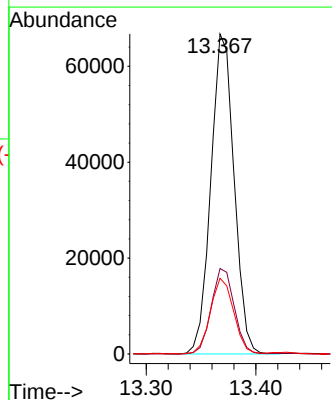
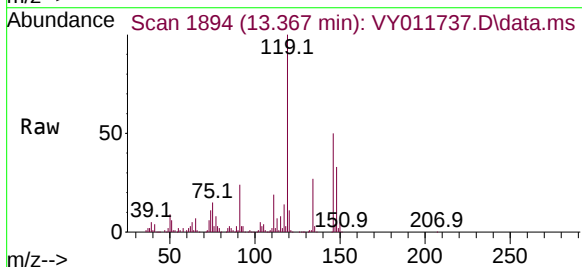
Tgt Ion:119 Resp: 98262

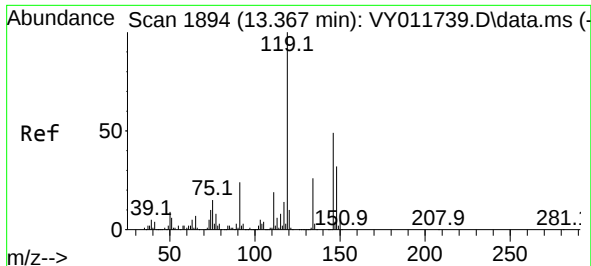
Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 10.067 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

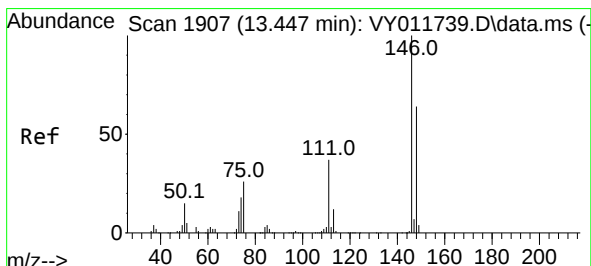
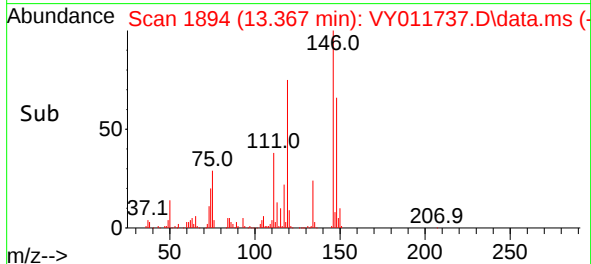
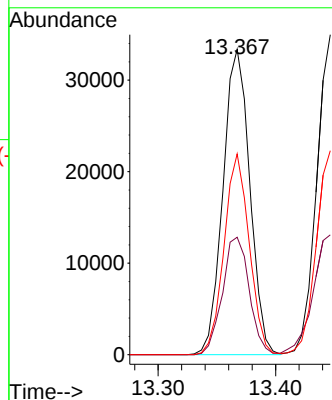
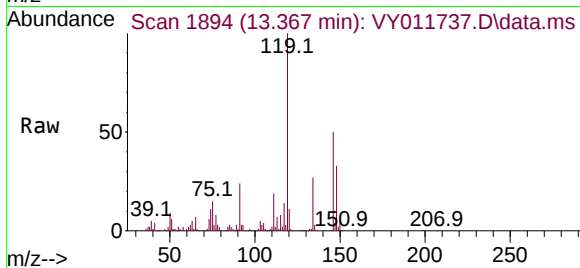
Tgt Ion:146 Resp: 52907

Ion Ratio Lower Upper

146 100

111 38.5 19.7 59.0

148 61.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 10.077 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

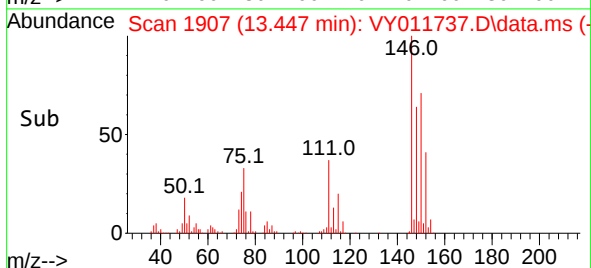
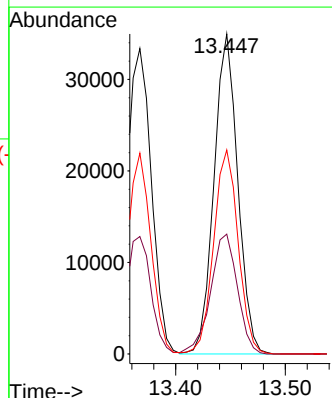
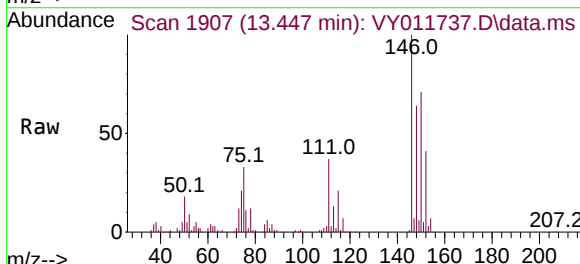
Tgt Ion:146 Resp: 52636

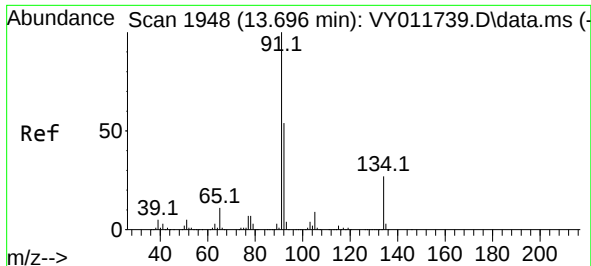
Ion Ratio Lower Upper

146 100

111 42.4 19.6 58.7

148 66.0 31.9 95.7

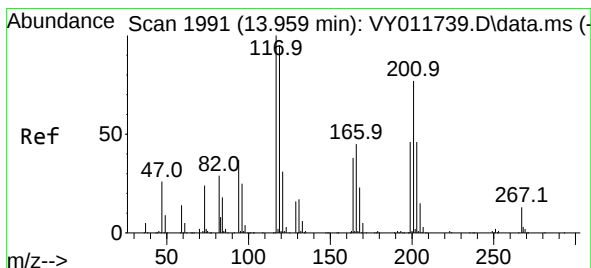
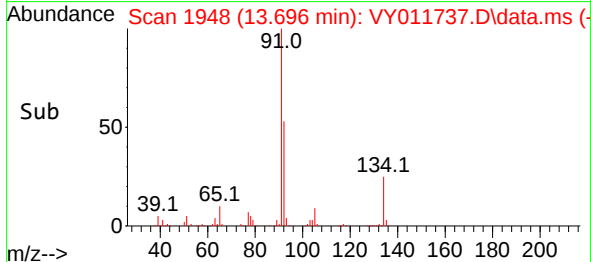
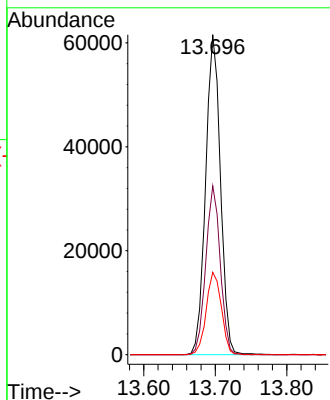
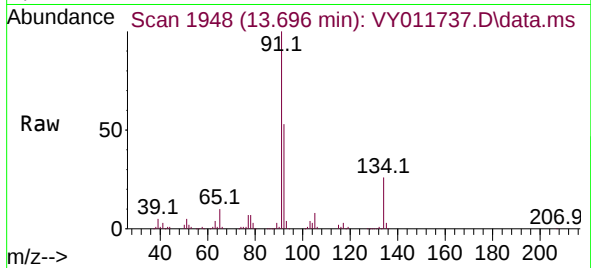




#89
n-Butylbenzene
Concen: 9.566 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

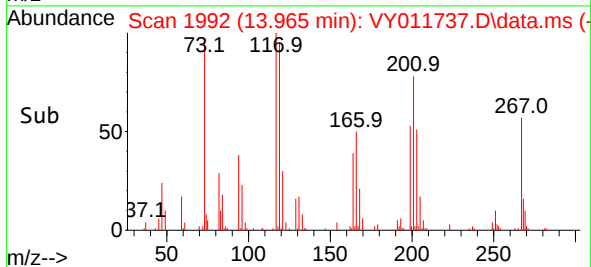
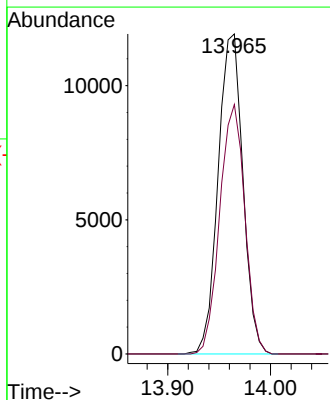
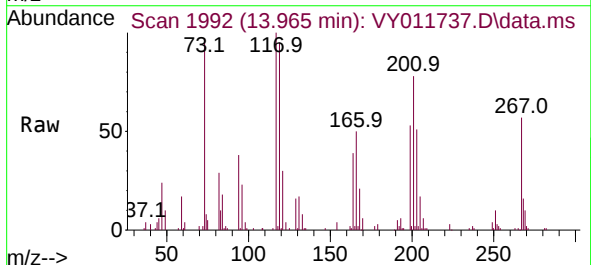
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 88731
Ion Ratio Lower Upper
91 100
92 51.6 26.8 80.4
134 26.3 13.3 39.8



#90
Hexachloroethane
Concen: 9.838 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY011737.D
Acq: 09 Dec 2022 11:15

Tgt Ion: 117 Resp: 19948
Ion Ratio Lower Upper
117 100
201 78.9 40.3 120.8

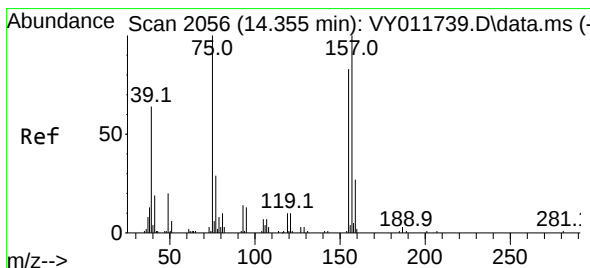
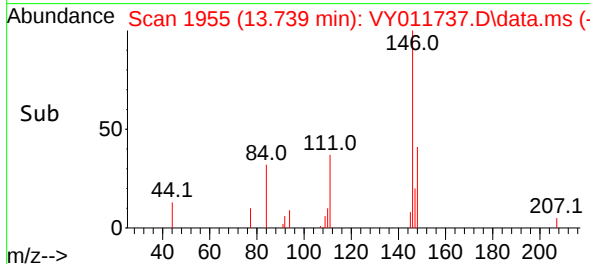
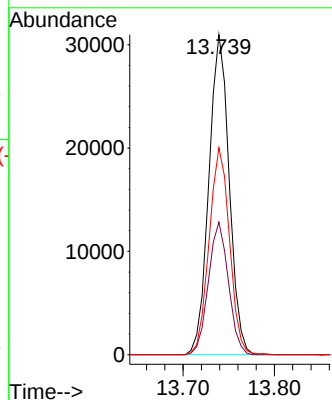
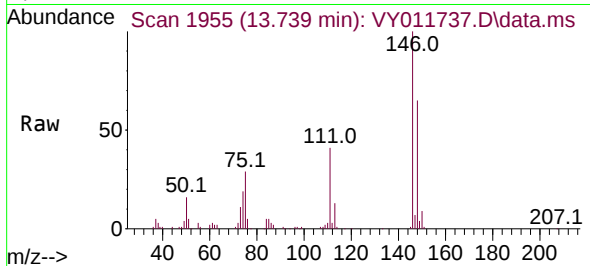




#91
 1,2-Dichlorobenzene
 Concen: 10.079 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY011737.D
 Acq: 09 Dec 2022 11:15

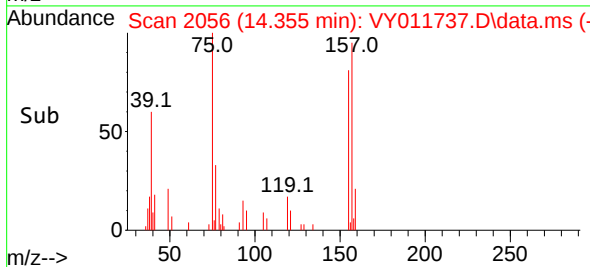
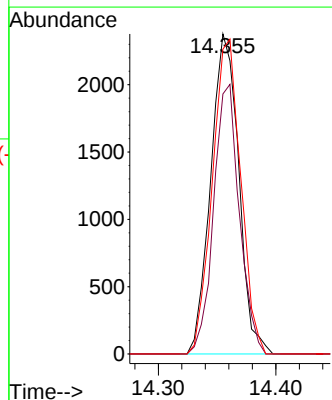
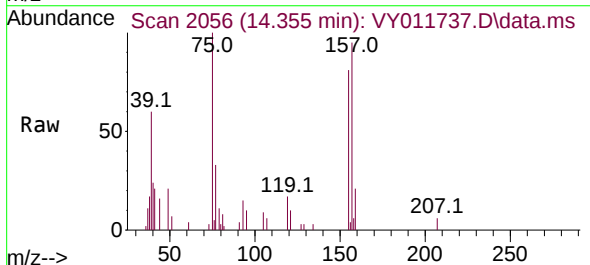
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

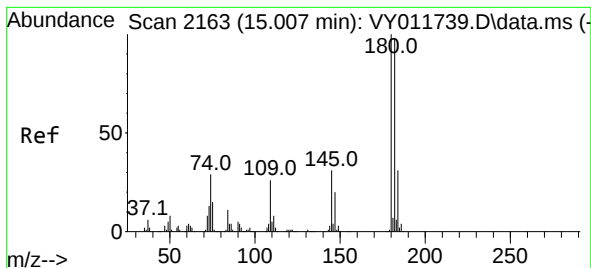
Tgt Ion:	146	Resp:	47668
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.8
148	65.0	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.343 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY011737.D
 Acq: 09 Dec 2022 11:15

Tgt Ion:	75	Resp:	3928
Ion	Ratio	Lower	Upper
75	100		
155	77.7	42.3	126.8
157	99.7	54.4	163.3





#93

1,2,4-Trichlorobenzene

Concen: 9.476 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

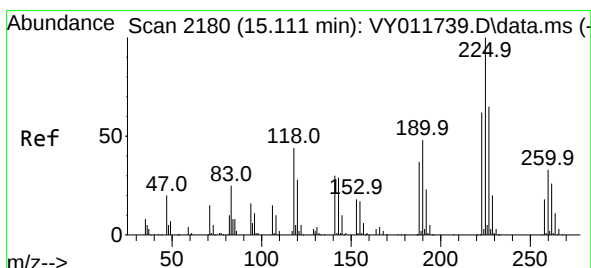
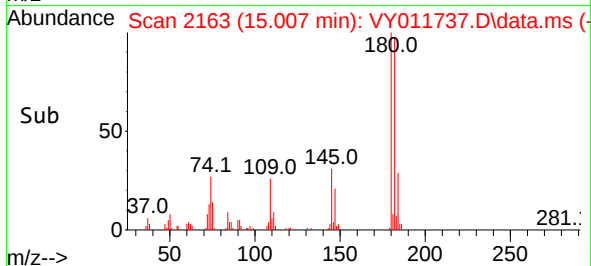
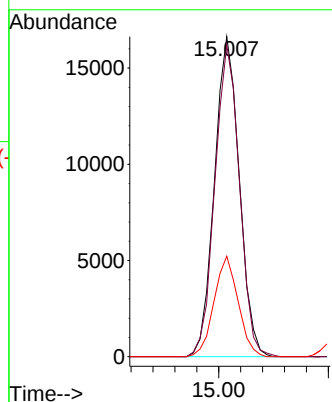
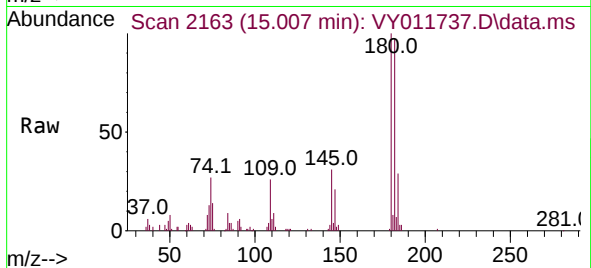
Tgt Ion:180 Resp: 26140

Ion Ratio Lower Upper

180 100

182 96.4 48.1 144.3

145 30.5 15.4 46.4



#94

Hexachlorobutadiene

Concen: 10.007 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

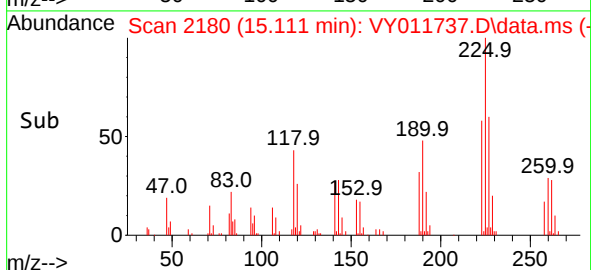
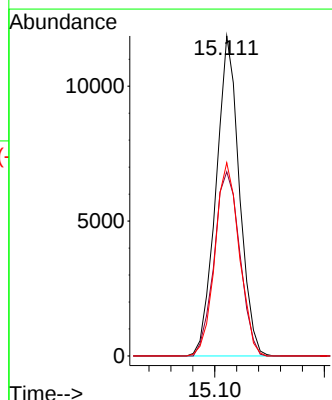
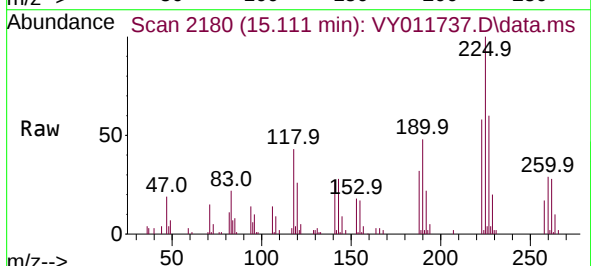
Tgt Ion:225 Resp: 17539

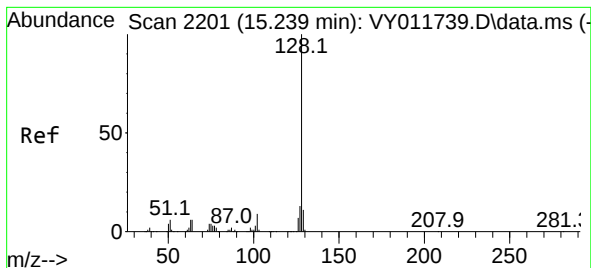
Ion Ratio Lower Upper

225 100

223 63.1 31.4 94.2

227 62.5 32.6 97.8





#95

Naphthalene

Concen: 8.984 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

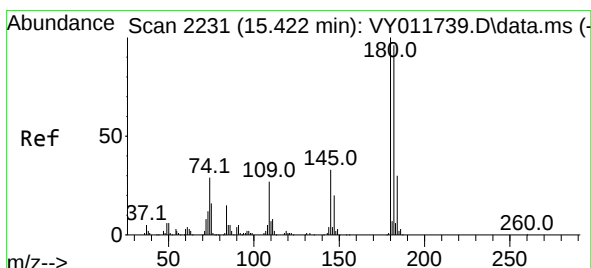
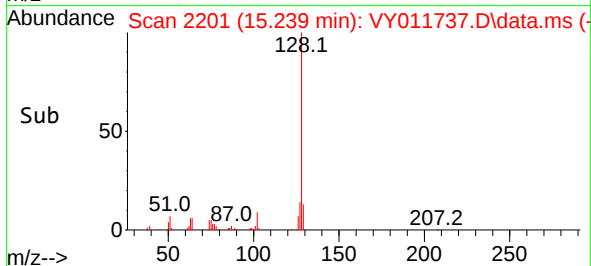
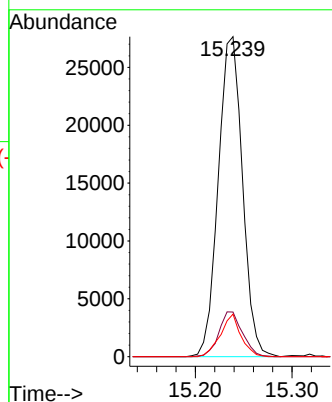
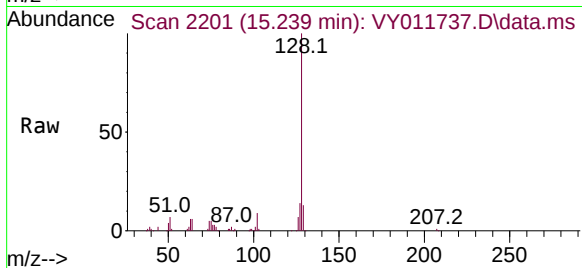
Tgt Ion:128 Resp: 47996

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 11.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 9.296 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY011737.D

Acq: 09 Dec 2022 11:15

Tgt Ion:180 Resp: 22149

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 33.1 16.1 48.2

