

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011736.D
 Acq On : 09 Dec 2022 10:29
 Operator : KP/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 10 03:07:16 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	7.789	168	236682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	383160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11868	6.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.340%#
35) Dibromofluoromethane	7.722	113	11284	5.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.680%#
50) Toluene-d8	10.179	98	40741	6.010	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	12.020%#
62) 4-Bromofluorobenzene	12.483	95	16570	6.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	12.740%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	8292	6.418	ug/l	95
3) Chloromethane	2.113	50	8727	6.029	ug/l	97
4) Vinyl Chloride	2.253	62	10075	5.946	ug/l	95
5) Bromomethane	2.656	94	7432	6.357	ug/l	92
6) Chloroethane	2.796	64	6634	5.652	ug/l	95
7) Trichlorofluoromethane	3.131	101	19280	5.926	ug/l	98
8) Diethyl Ether	3.528	74	6446	5.656	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	11623	5.984	ug/l	99
10) Methyl Iodide	4.095	142	11042	4.856	ug/l	97
11) Tert butyl alcohol	4.942	59	10684	36.921	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	10034	5.728	ug/l	92
13) Acrolein	3.735	56	8331	24.969	ug/l	95
14) Allyl chloride	4.485	41	15534	5.339	ug/l	100
15) Acrylonitrile	5.168	53	15947	26.071	ug/l	98
16) Acetone	3.948	43	16085	24.889	ug/l	97
17) Carbon Disulfide	4.198	76	21944	5.486	ug/l	99
18) Methyl Acetate	4.479	43	14906	8.167	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	28389	5.176	ug/l	99
20) Methylene Chloride	4.716	84	24205	8.172	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	11103	5.640	ug/l	90
22) Diisopropyl ether	6.119	45	32617	5.138	ug/l	95
23) Vinyl Acetate	6.064	43	74720	20.632	ug/l	98
24) 1,1-Dichloroethane	6.021	63	21512	5.577	ug/l	98
25) 2-Butanone	6.990	43	20647	24.837	ug/l	97
26) 2,2-Dichloropropane	6.984	77	20402	5.621	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	12955	5.384	ug/l	95
28) Bromochloromethane	7.332	49	7989	5.689	ug/l	96
29) Tetrahydrofuran	7.350	42	12170	25.721	ug/l	95
30) Chloroform	7.502	83	22790	5.526	ug/l	96
31) Cyclohexane	7.789	56	20059	6.488	ug/l #	74
32) 1,1,1-Trichloroethane	7.704	97	20006	5.439	ug/l	99
36) 1,1-Dichloropropene	7.917	75	16150	5.554	ug/l	97
37) Ethyl Acetate	7.076	43	9215	5.421	ug/l	99
38) Carbon Tetrachloride	7.899	117	18563	5.435	ug/l	95
39) Methylcyclohexane	9.185	83	17493	5.347	ug/l	93
40) Benzene	8.161	78	46754	5.383	ug/l	100

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Instrument :
 MSVOA_Y
 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	11534	13.428	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	14645	5.452	ug/l	99
43) Isopropyl Acetate	8.271	43	15103	4.900	ug/l #	91
44) Trichloroethene	8.935	130	13405	5.510	ug/l	97
45) 1,2-Dichloropropane	9.222	63	12049	5.359	ug/l	98
46) Dibromomethane	9.307	93	6796	5.400	ug/l	96
47) Bromodichloromethane	9.496	83	17408	5.354	ug/l	98
48) Methyl methacrylate	9.295	41	6434	4.735	ug/l	96
49) 1,4-Dioxane	9.295	88	1610	92.348	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	40859	24.057	ug/l	99
52) Toluene	10.246	92	29036	5.258	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	16851	5.189	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	19051	5.221	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	10007	5.380	ug/l	98
56) Ethyl methacrylate	10.514	69	10866	4.525	ug/l	94
57) 1,3-Dichloropropane	10.788	76	16054	5.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	27362	24.575	ug/l	100
59) 2-Hexanone	10.837	43	27120	22.349	ug/l	98
60) Dibromochloromethane	10.984	129	12477	5.356	ug/l	97
61) 1,2-Dibromoethane	11.093	107	8789	5.216	ug/l	100
64) Tetrachloroethene	10.721	164	14006	5.780	ug/l	97
65) Chlorobenzene	11.520	112	33535	5.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	12468	5.208	ug/l	96
67) Ethyl Benzene	11.593	91	56165	5.165	ug/l	98
68) m/p-Xylenes	11.703	106	42741	10.263	ug/l	100
69) o-Xylene	12.032	106	19970	5.031	ug/l	100
70) Styrene	12.044	104	33371	4.926	ug/l	99
71) Bromoform	12.209	173	7785	5.272	ug/l #	100
73) Isopropylbenzene	12.331	105	54894	5.094	ug/l	99
74) N-amyl acetate	12.148	43	12043	4.648	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	11331	5.400	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	15004	7.568	ug/l #	100
77) Bromobenzene	12.611	156	13115	5.213	ug/l	96
78) n-propylbenzene	12.672	91	68159	5.278	ug/l	97
79) 2-Chlorotoluene	12.758	91	39011	5.293	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	47365	5.200	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	3599	4.854	ug/l	96
82) 4-Chlorotoluene	12.855	91	41122	5.380	ug/l	99
83) tert-Butylbenzene	13.075	119	40655	5.126	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	46878	5.227	ug/l	99
85) sec-Butylbenzene	13.258	105	62491	5.291	ug/l	99
86) p-Isopropyltoluene	13.373	119	51283	5.217	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	27566	5.445	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	28588	5.681	ug/l	93
89) n-Butylbenzene	13.696	91	46883	5.246	ug/l	99
90) Hexachloroethane	13.965	117	11206	5.737	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	25771	5.656	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1926	5.264	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	13510	5.084	ug/l	98
94) Hexachlorobutadiene	15.111	225	9656	5.719	ug/l	92
95) Naphthalene	15.239	128	23118	4.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	11903	5.186	ug/l	96

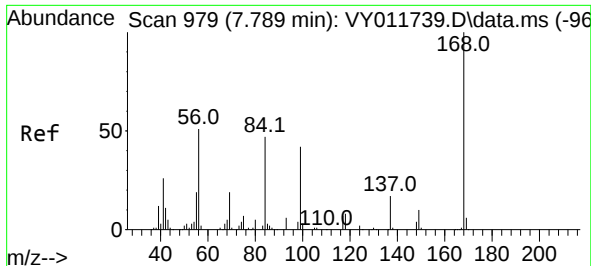
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
Data File : VY011736.D
Acq On : 09 Dec 2022 10:29
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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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)
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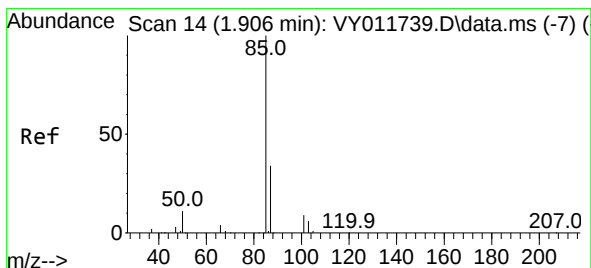
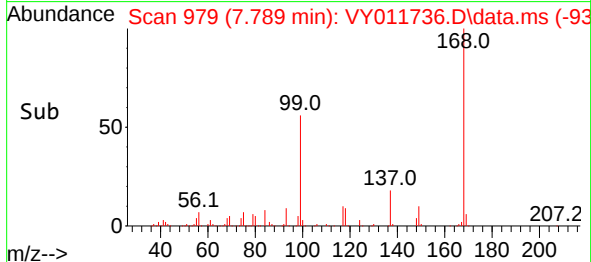
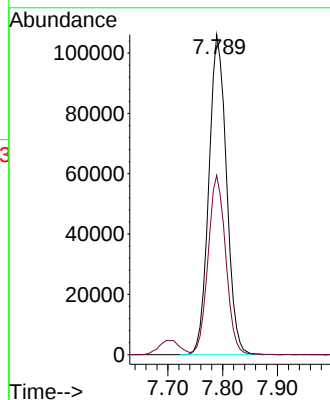
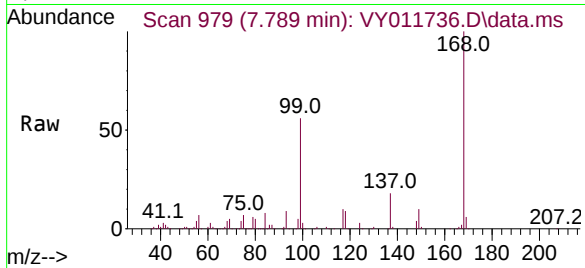
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

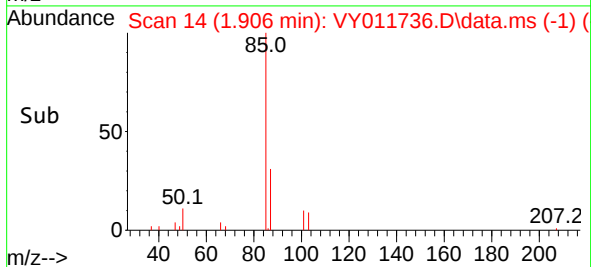
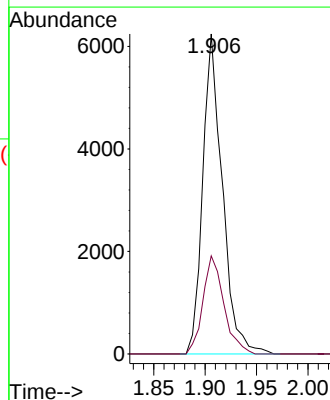
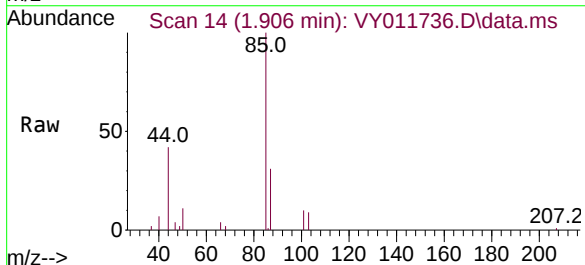
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MSVOA_Y
ClientSampleId :
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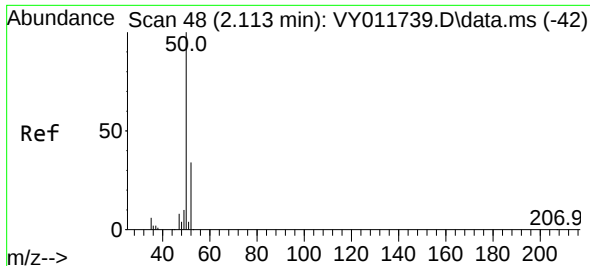
Tgt Ion:168 Resp: 236682
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 6.418 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 85 Resp: 8292
Ion Ratio Lower Upper
85 100
87 30.7 16.8 50.4

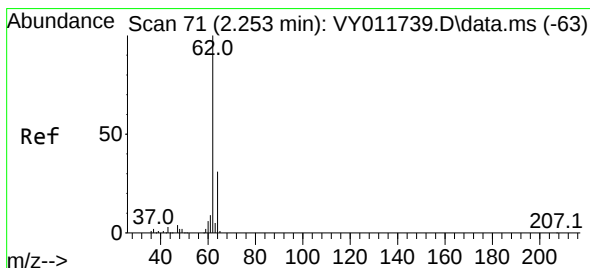
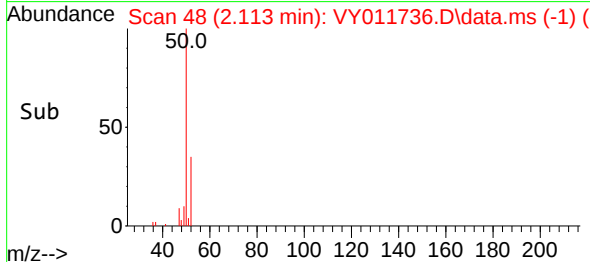
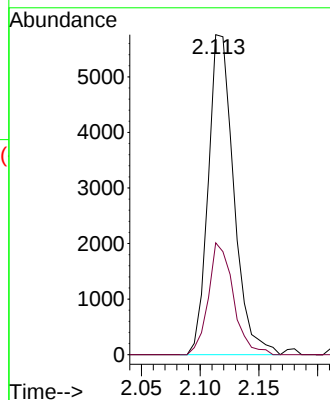
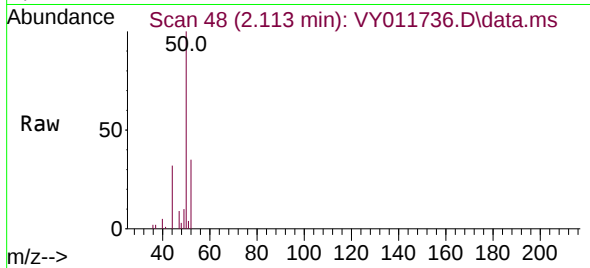




#3
Chloromethane
Concen: 6.029 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

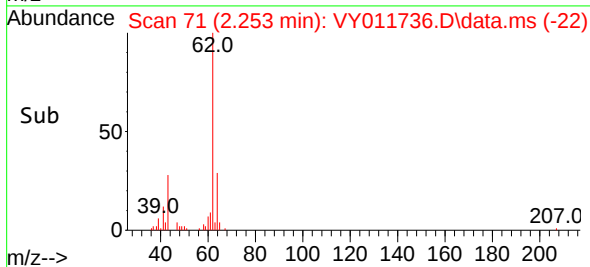
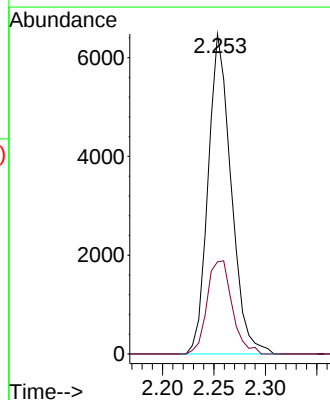
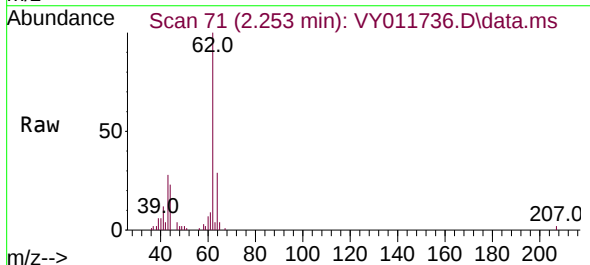
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

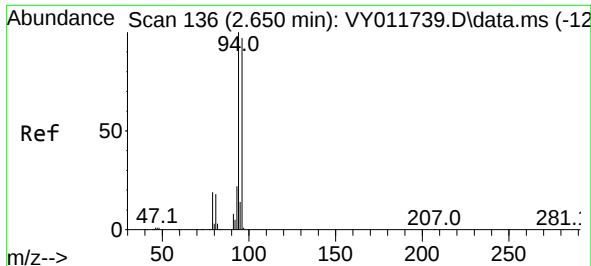
Tgt Ion: 50 Resp: 8727
Ion Ratio Lower Upper
50 100
52 34.9 26.8 40.2



#4
Vinyl Chloride
Concen: 5.946 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 62 Resp: 10075
Ion Ratio Lower Upper
62 100
64 28.8 25.0 37.6

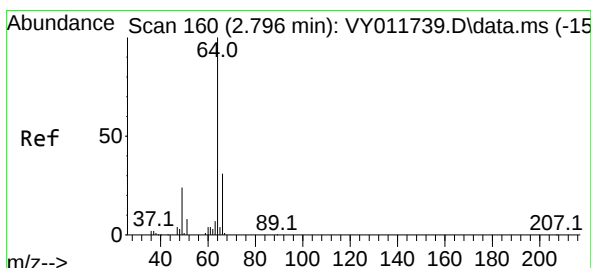
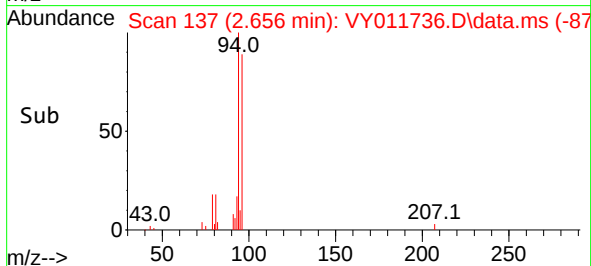
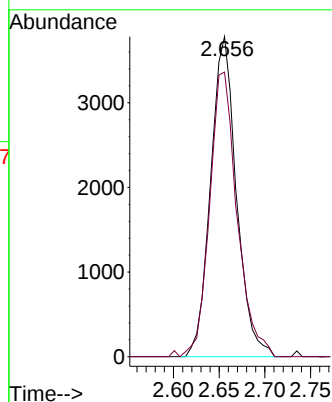
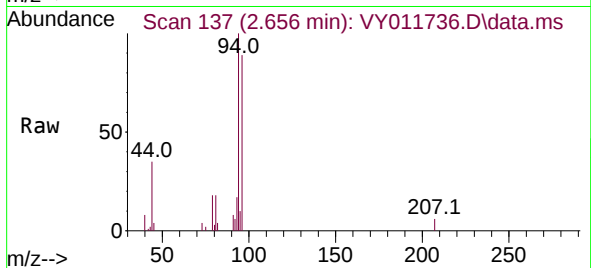




#5
Bromomethane
Concen: 6.357 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

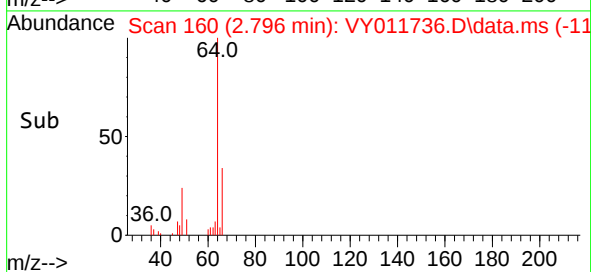
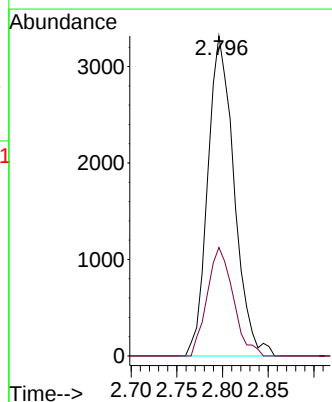
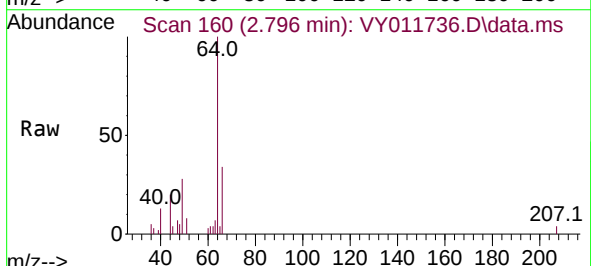
Instrument :
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VSTDIC005

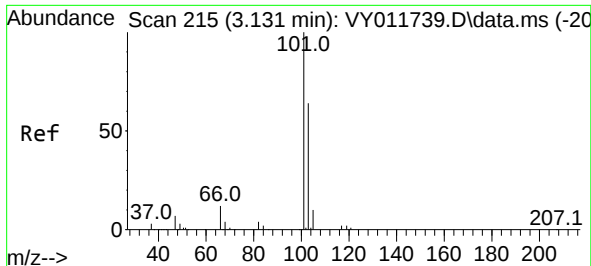
Tgt Ion: 94 Resp: 7432
Ion Ratio Lower Upper
94 100
96 88.9 77.4 116.2



#6
Chloroethane
Concen: 5.652 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 64 Resp: 6634
Ion Ratio Lower Upper
64 100
66 33.9 25.0 37.4

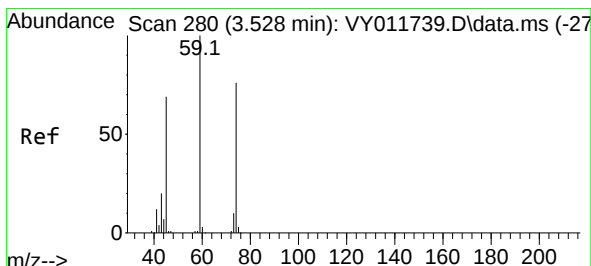
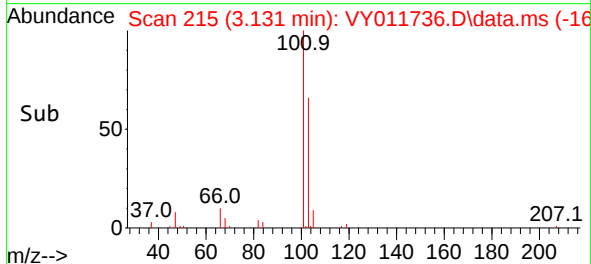
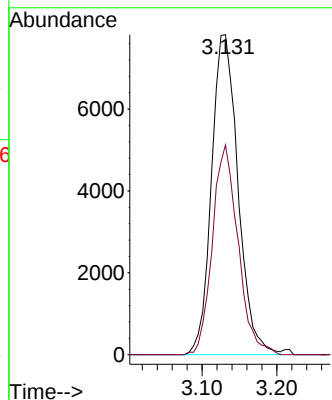
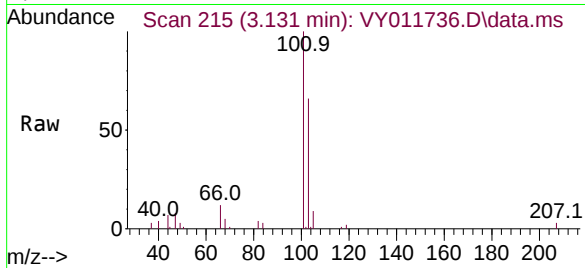




#7
 Trichlorofluoromethane
 Concen: 5.926 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY011736.D
 Acq: 09 Dec 2022 10:29

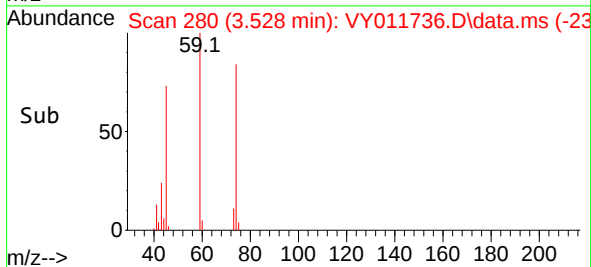
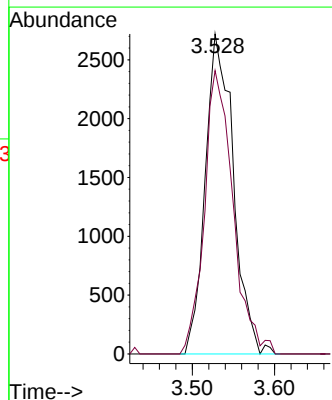
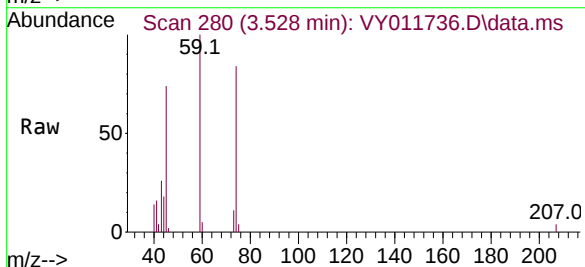
Instrument :
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 ClientSampleId :
 VSTDIC005

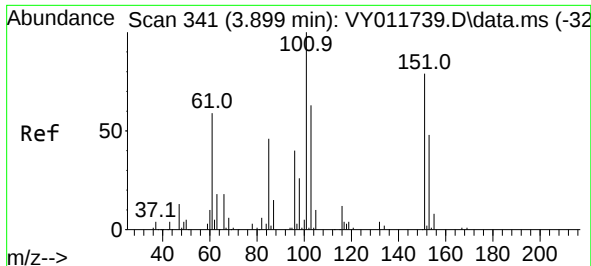
Tgt Ion:101 Resp: 19280
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.0 76.6



#8
 Diethyl Ether
 Concen: 5.656 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY011736.D
 Acq: 09 Dec 2022 10:29

Tgt Ion: 74 Resp: 6446
 Ion Ratio Lower Upper
 74 100
 45 90.4 46.8 140.3

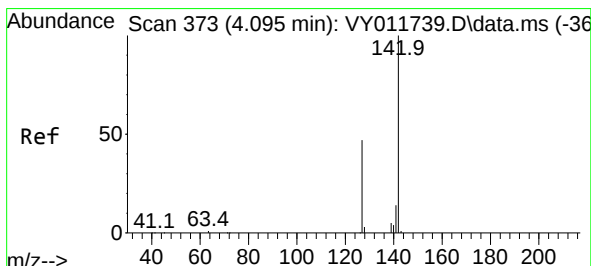
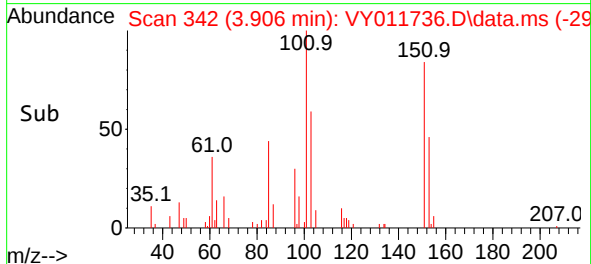
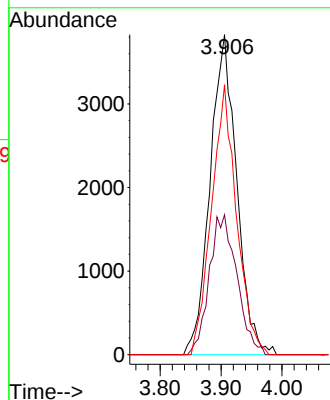
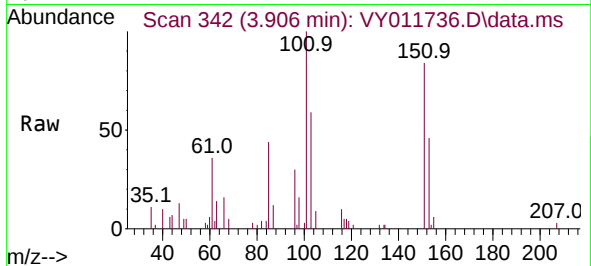




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.984 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011736.D
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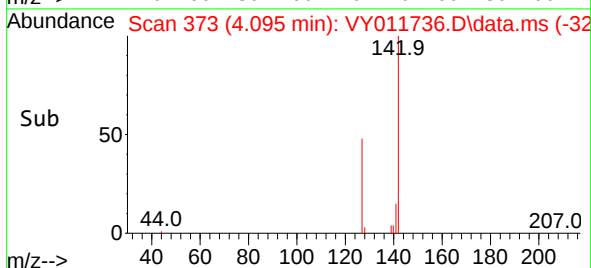
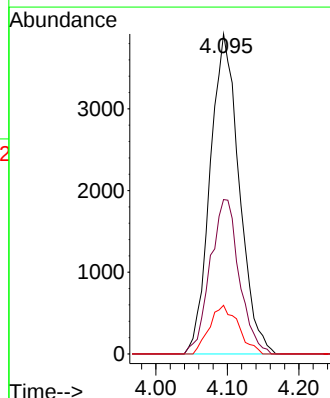
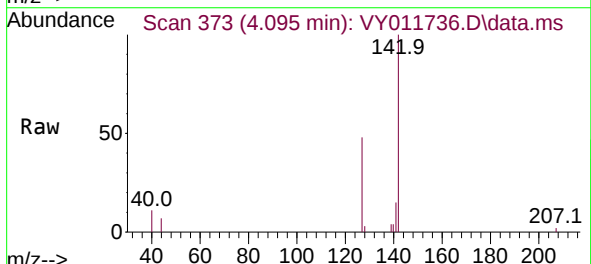
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

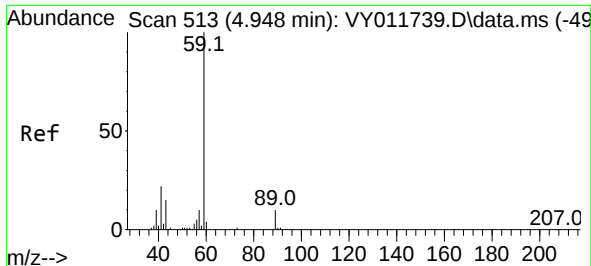
Tgt Ion:101 Resp: 11623
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.2
151 79.2 64.2 96.2



#10
Methyl Iodide
Concen: 4.856 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion:142 Resp: 11042
Ion Ratio Lower Upper
142 100
127 48.4 37.0 55.4
141 15.1 11.4 17.0

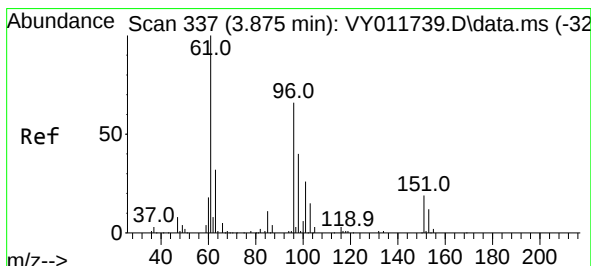
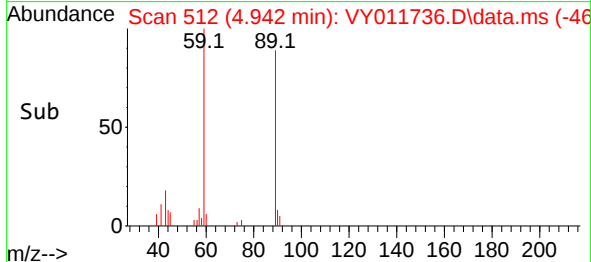
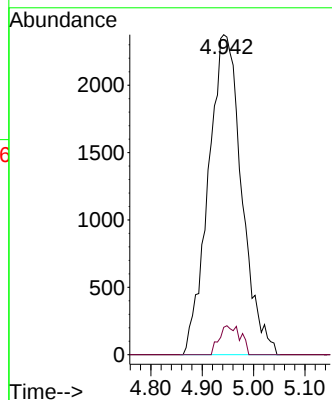
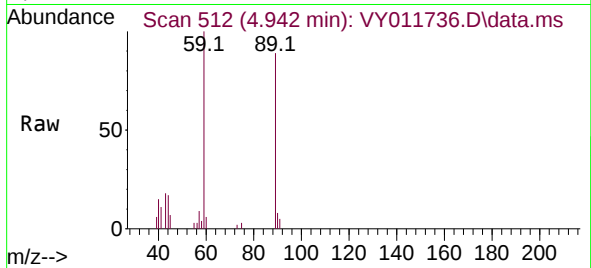




#11
Tert butyl alcohol
Concen: 36.921 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

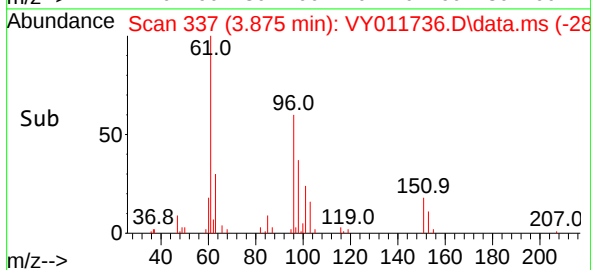
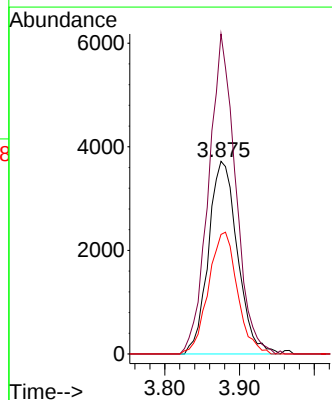
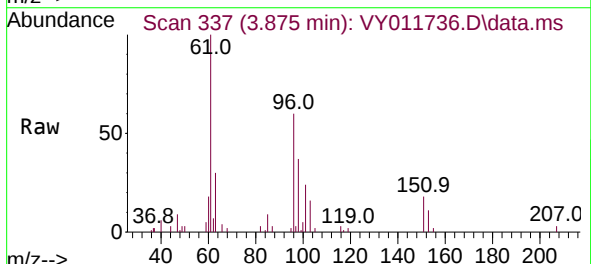
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

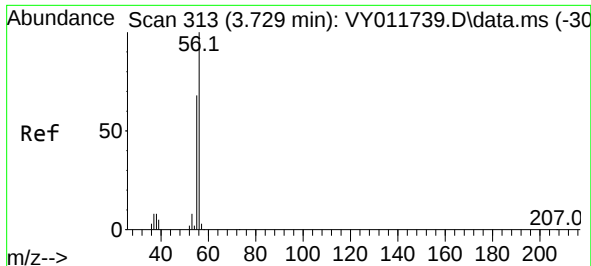
Tgt Ion: 59 Resp: 10684
Ion Ratio Lower Upper
59 100
57 5.8 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 5.728 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 96 Resp: 10034
Ion Ratio Lower Upper
96 100
61 166.1 122.0 183.0
98 62.1 48.6 73.0





#13

Acrolein

Concen: 24.969 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

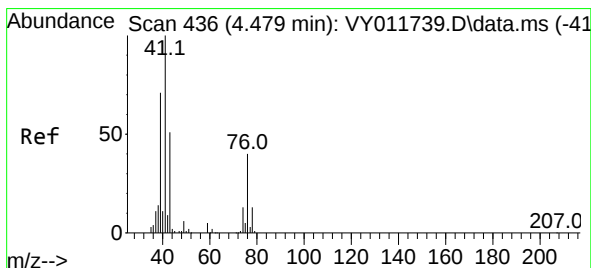
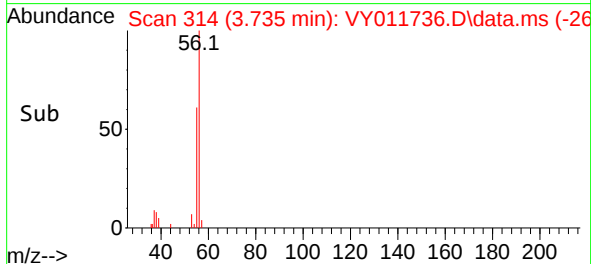
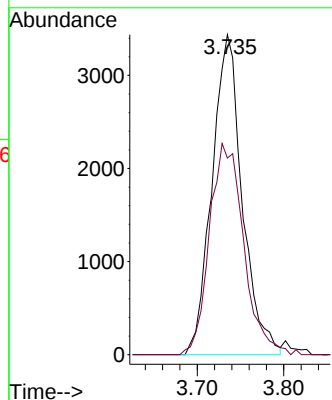
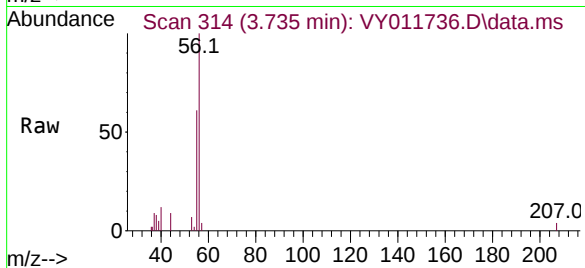
VSTDICC005

Tgt Ion: 56 Resp: 8331

Ion Ratio Lower Upper

56 100

55 74.7 56.6 85.0



#14

Allyl chloride

Concen: 5.339 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

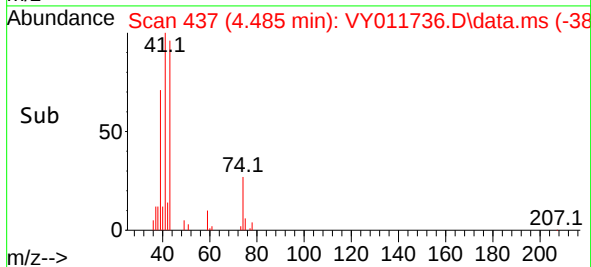
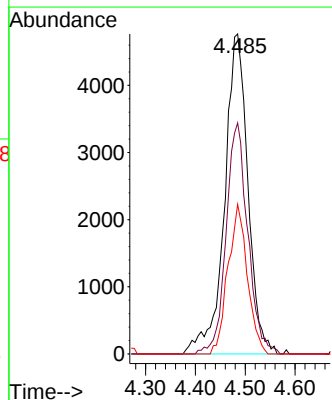
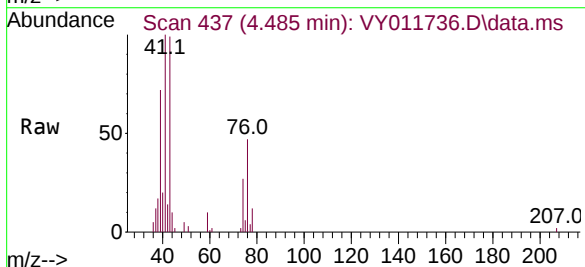
Tgt Ion: 41 Resp: 15534

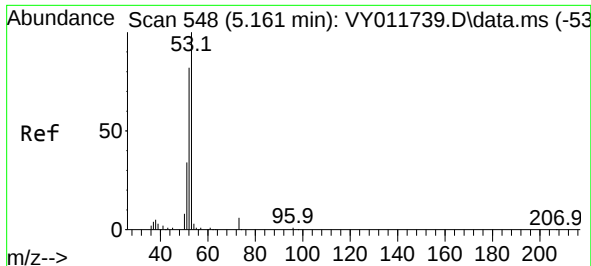
Ion Ratio Lower Upper

41 100

39 67.0 53.5 80.3

76 38.8 31.1 46.7

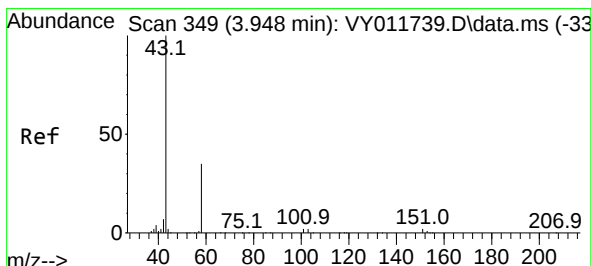
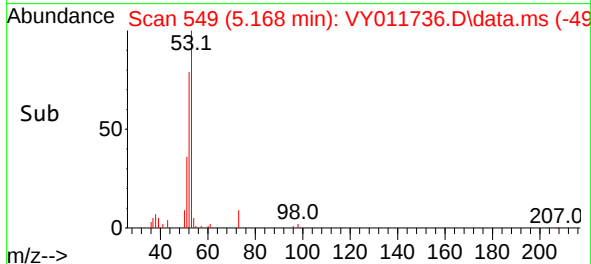
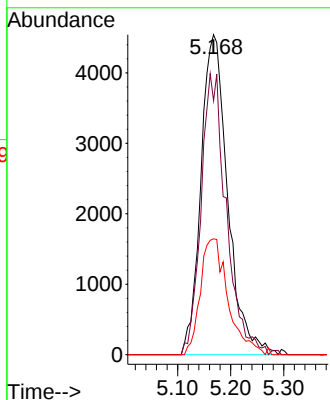
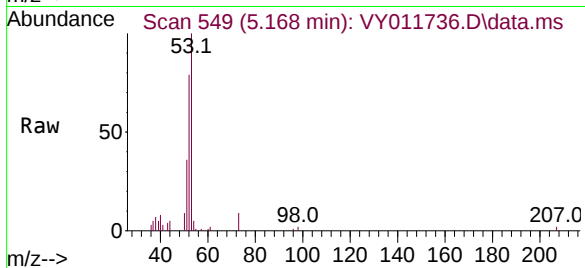




#15
Acrylonitrile
Concen: 26.071 ug/l
RT: 5.168 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

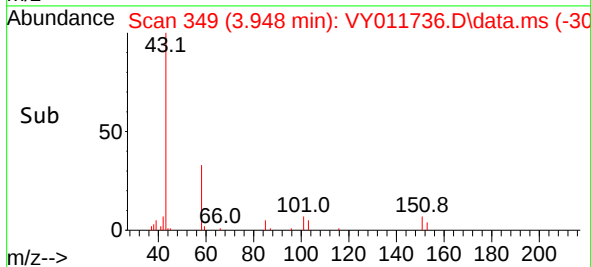
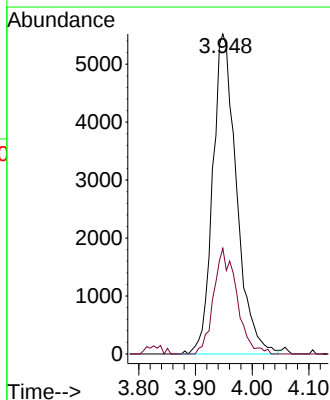
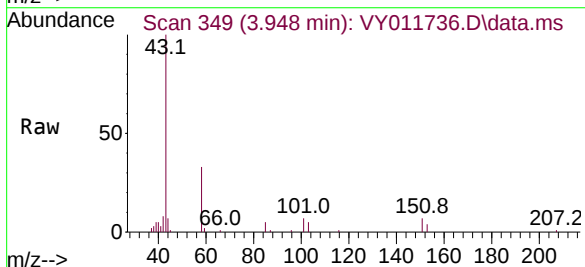
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

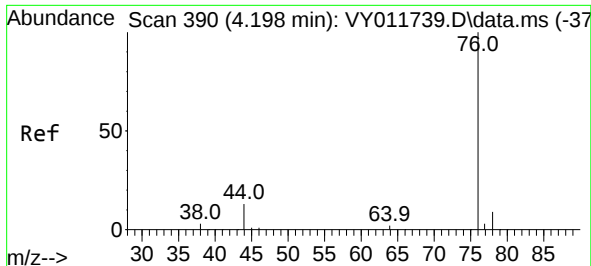
Tgt Ion: 53 Resp: 15947
Ion Ratio Lower Upper
53 100
52 82.7 65.1 97.7
51 37.3 28.7 43.1



#16
Acetone
Concen: 24.889 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 43 Resp: 16085
Ion Ratio Lower Upper
43 100
58 33.0 27.9 41.9

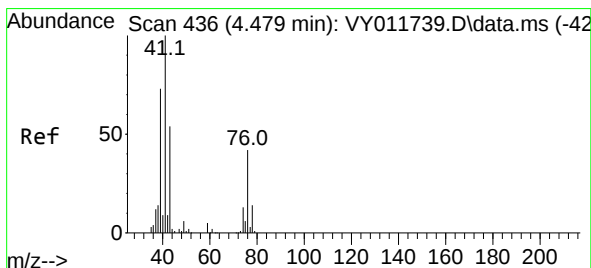
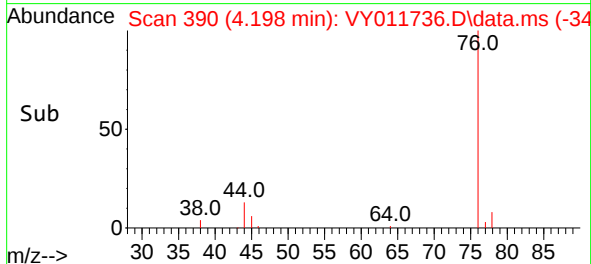
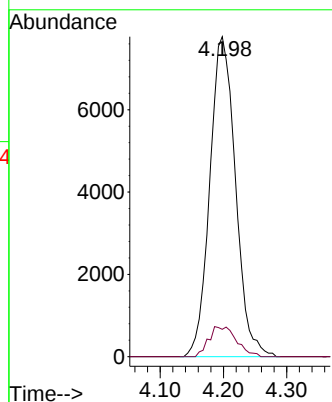
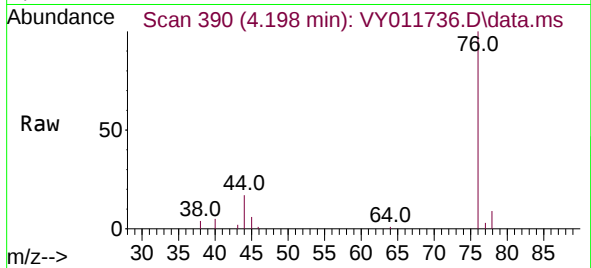




#17
Carbon Disulfide
Concen: 5.486 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

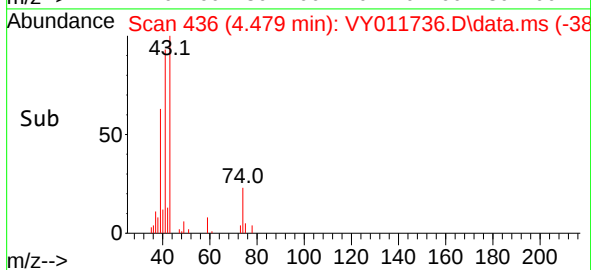
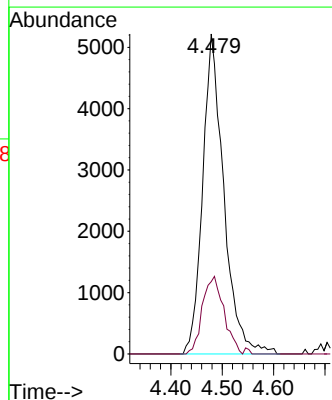
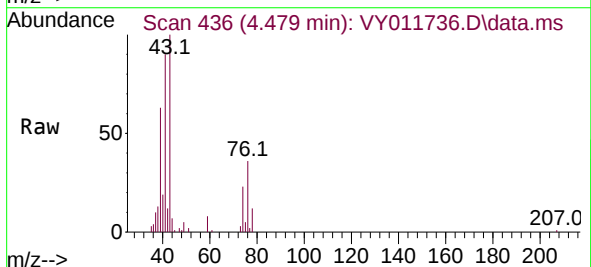
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

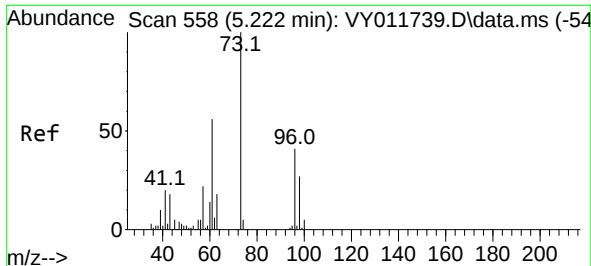
Tgt Ion: 76 Resp: 21944
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 8.167 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 43 Resp: 14906
Ion Ratio Lower Upper
43 100
74 24.5 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 5.176 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

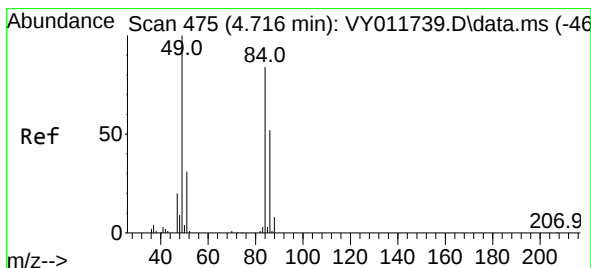
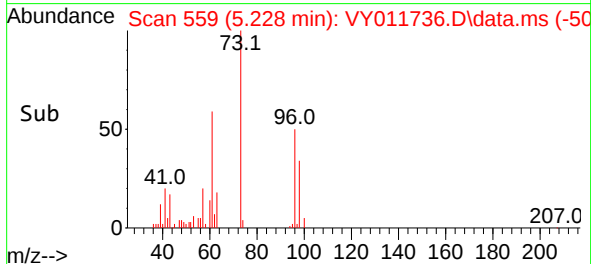
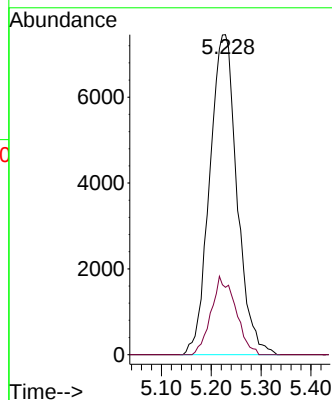
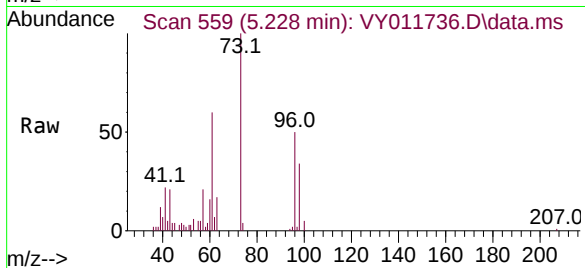
VSTDIC005

Tgt Ion: 73 Resp: 28389

Ion Ratio Lower Upper

73 100

57 21.0 17.4 26.0



#20

Methylene Chloride

Concen: 8.172 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Tgt Ion: 84 Resp: 24205

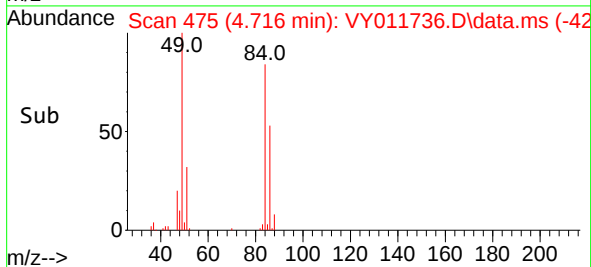
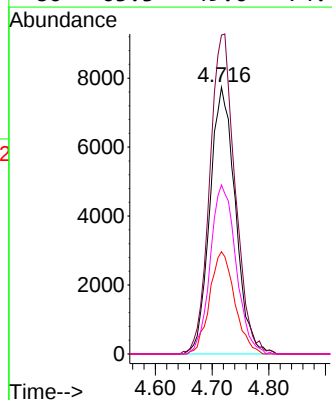
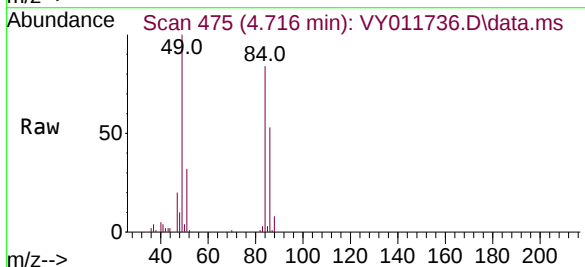
Ion Ratio Lower Upper

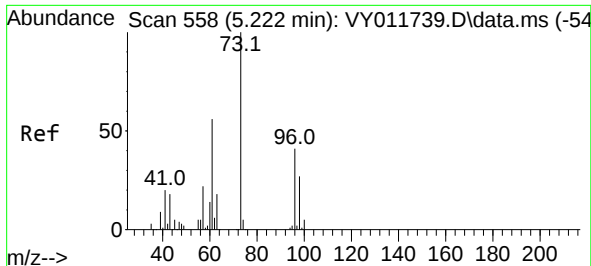
84 100

49 119.6 95.4 143.2

51 38.3 29.9 44.9

86 63.3 49.6 74.4

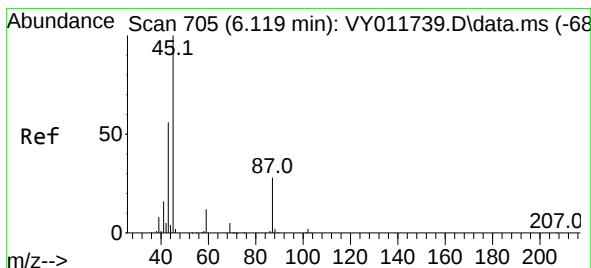
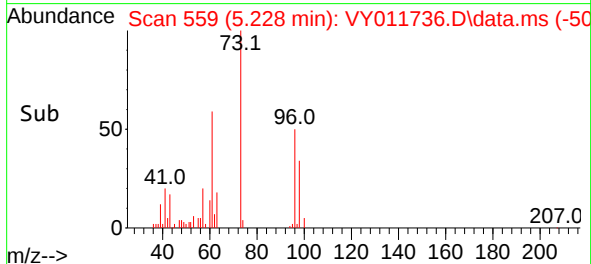
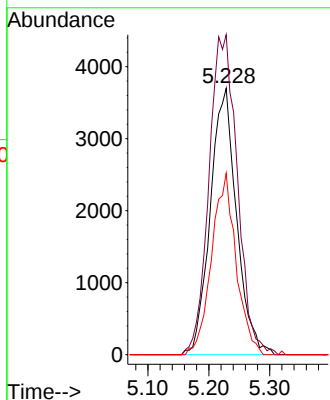
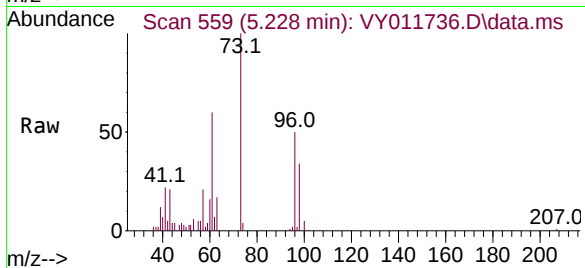




#21
trans-1,2-Dichloroethene
Concen: 5.640 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

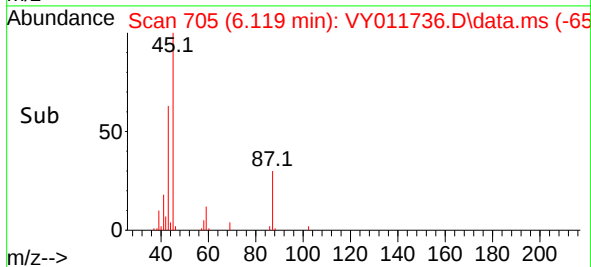
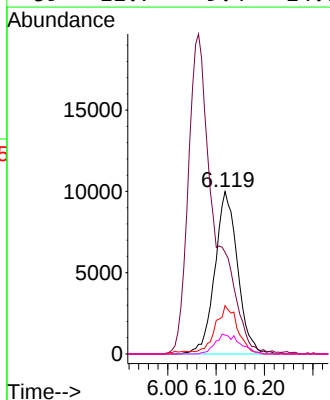
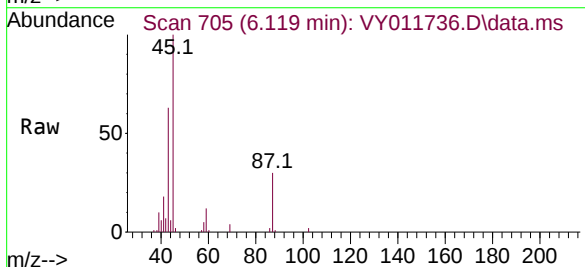
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

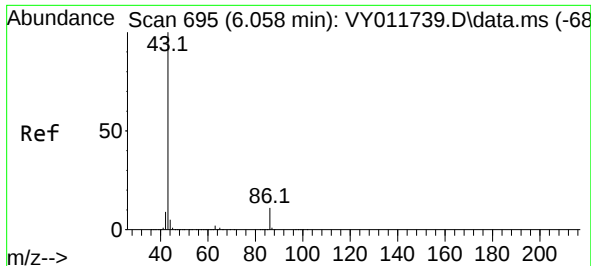
Tgt Ion: 96 Resp: 11103
Ion Ratio Lower Upper
96 100
61 120.1 108.0 162.0
98 68.1 51.6 77.4



#22
Diisopropyl ether
Concen: 5.138 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 45 Resp: 32617
Ion Ratio Lower Upper
45 100
43 61.5 45.0 67.4
87 29.8 22.6 33.8
59 11.7 9.4 14.0

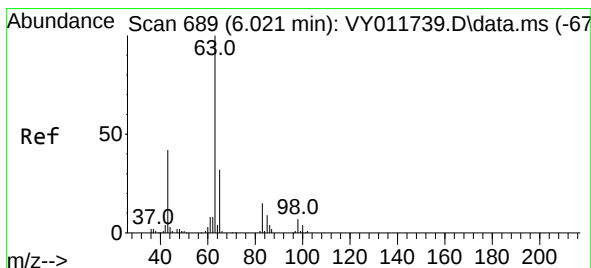
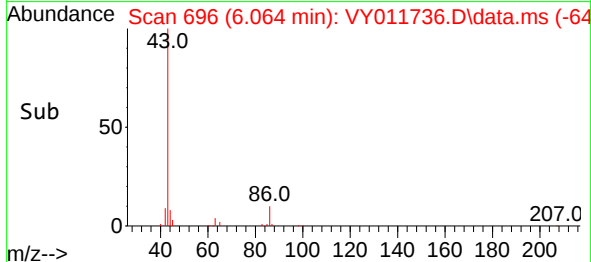
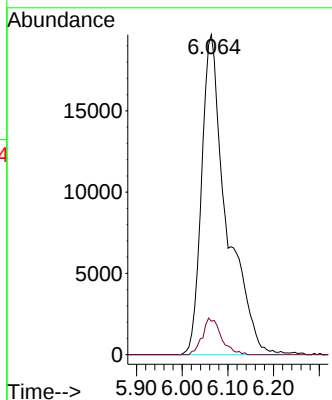
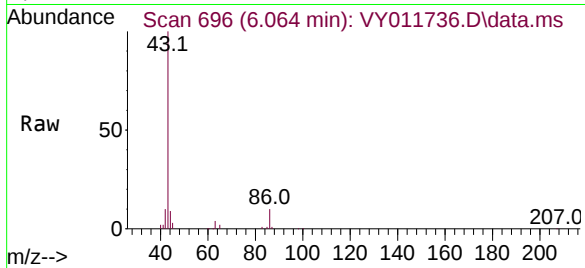




#23
 Vinyl Acetate
 Concen: 20.632 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY011736.D
 Acq: 09 Dec 2022 10:29

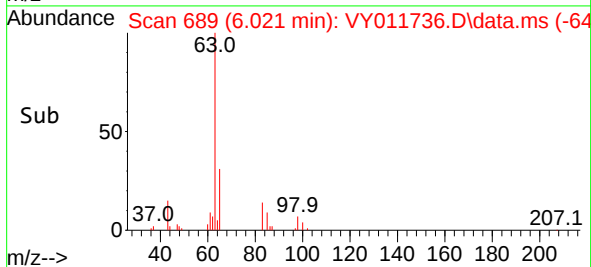
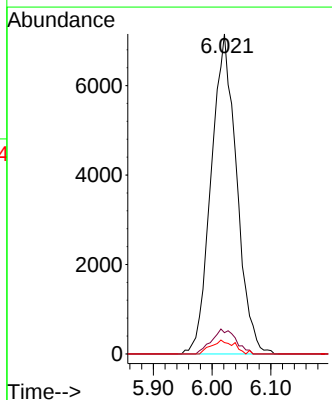
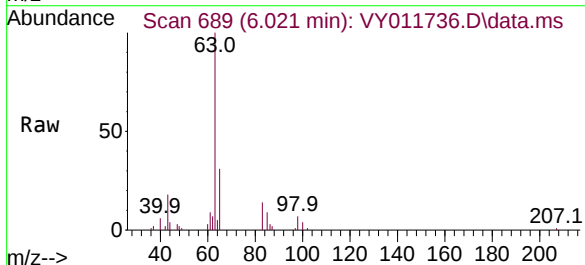
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

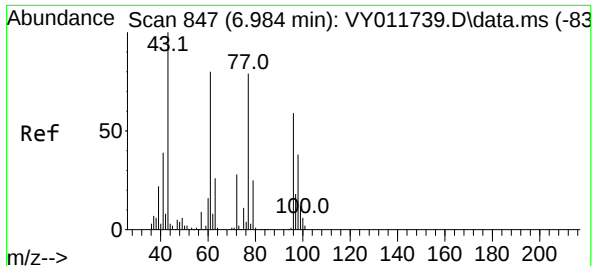
Tgt Ion: 43 Resp: 74720
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 5.577 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011736.D
 Acq: 09 Dec 2022 10:29

Tgt Ion: 63 Resp: 21512
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 3.6 2.2 6.6





#25

2-Butanone

Concen: 24.837 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

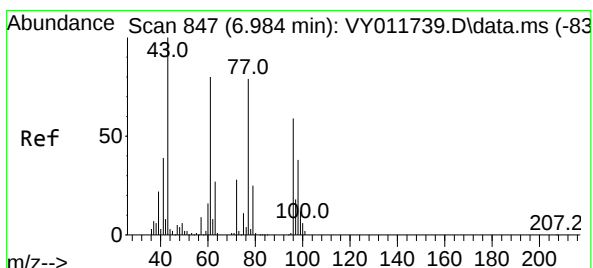
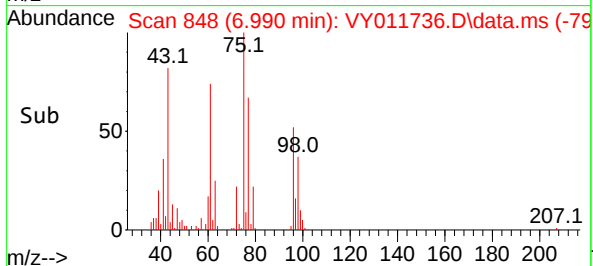
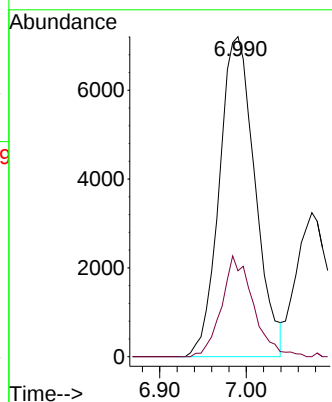
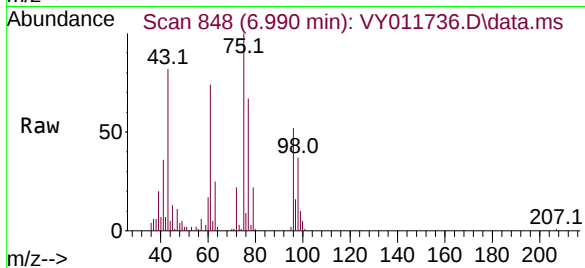
VSTDICC005

Tgt Ion: 43 Resp: 20647

Ion Ratio Lower Upper

43 100

72 26.9 22.6 34.0



#26

2,2-Dichloropropane

Concen: 5.621 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011736.D

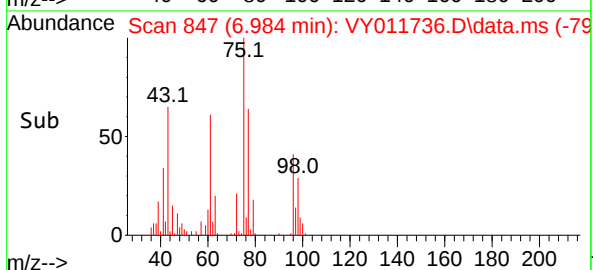
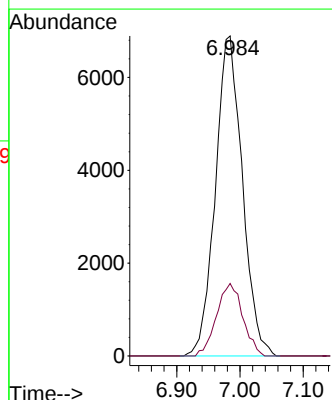
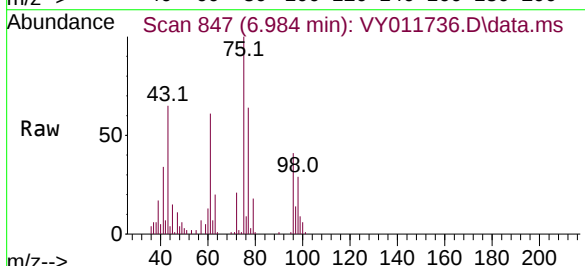
Acq: 09 Dec 2022 10:29

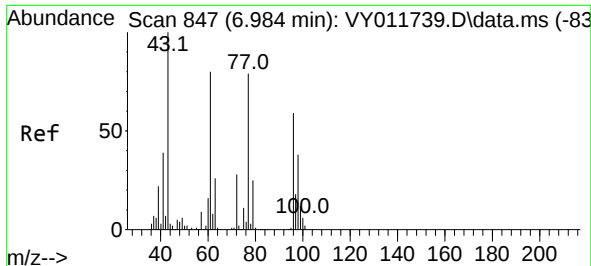
Tgt Ion: 77 Resp: 20402

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 5.384 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

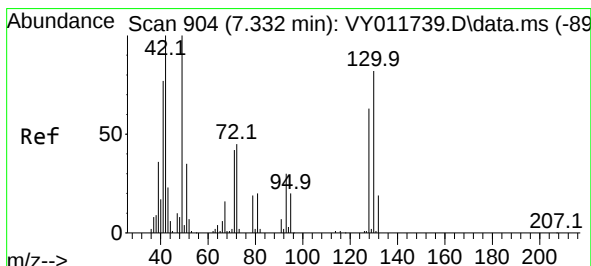
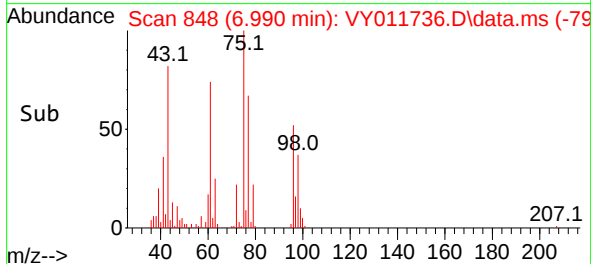
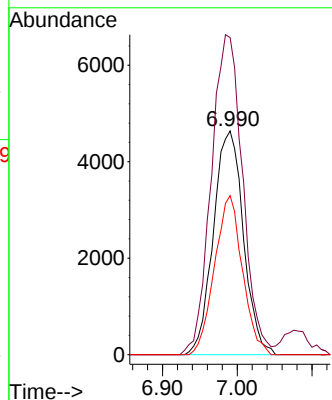
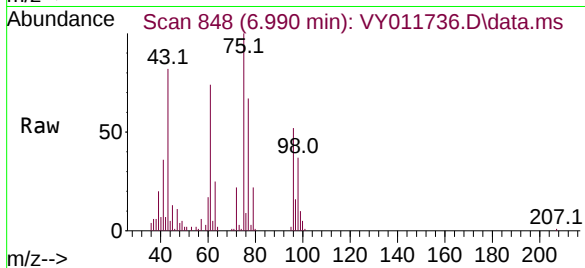
Tgt Ion: 96 Resp: 12955

Ion Ratio Lower Upper

96 100

61 149.2 0.0 283.4

98 66.0 0.0 127.6



#28

Bromochloromethane

Concen: 5.689 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

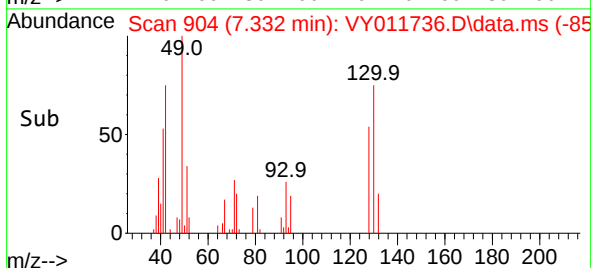
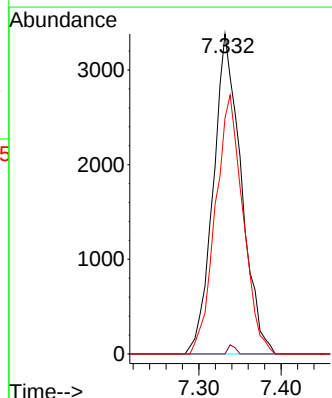
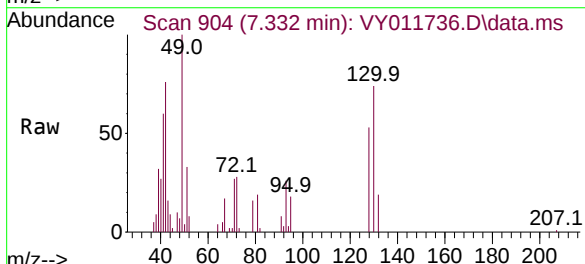
Tgt Ion: 49 Resp: 7989

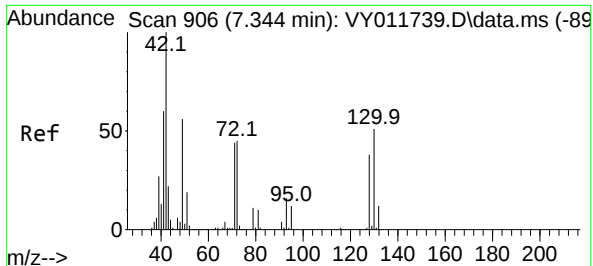
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.6

130 79.8 66.7 100.1





#29

Tetrahydrofuran

Concen: 25.721 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

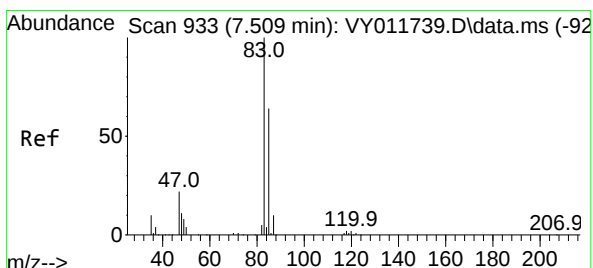
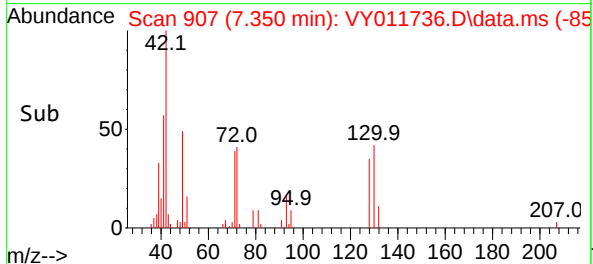
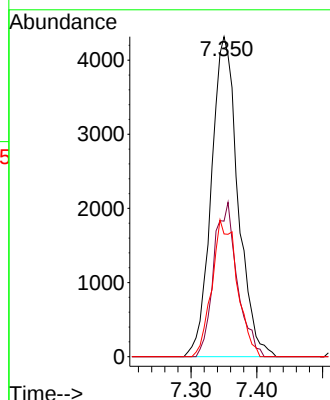
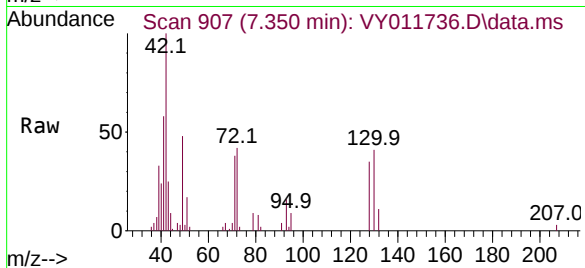
Tgt Ion: 42 Resp: 12170

Ion Ratio Lower Upper

42 100

72 42.6 37.0 55.6

71 40.4 34.9 52.3



#30

Chloroform

Concen: 5.526 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY011736.D

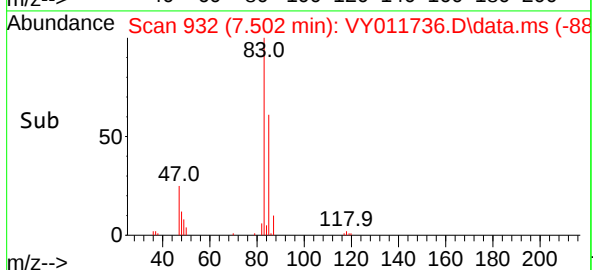
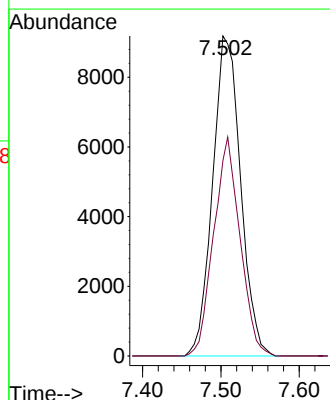
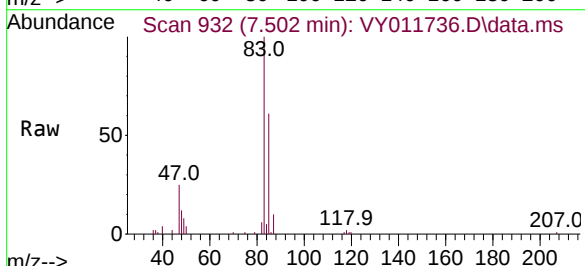
Acq: 09 Dec 2022 10:29

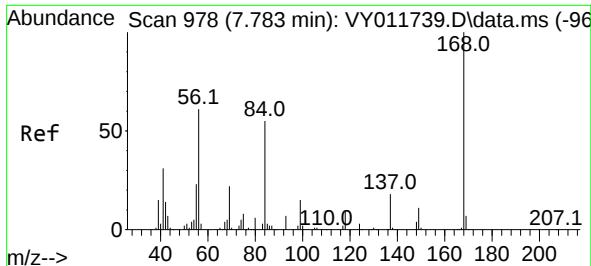
Tgt Ion: 83 Resp: 22790

Ion Ratio Lower Upper

83 100

85 61.1 51.5 77.3

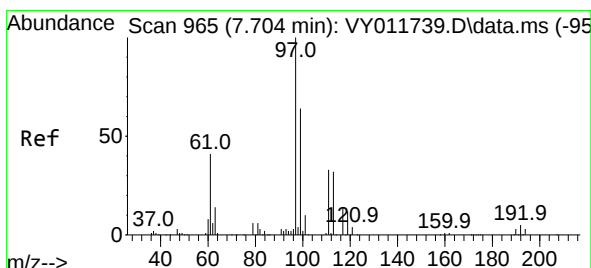
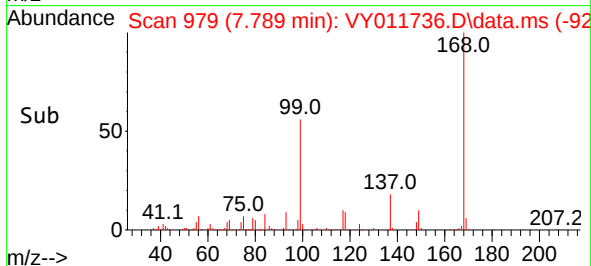
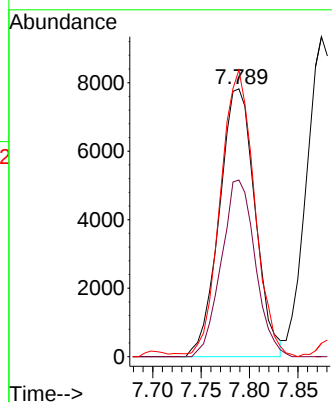
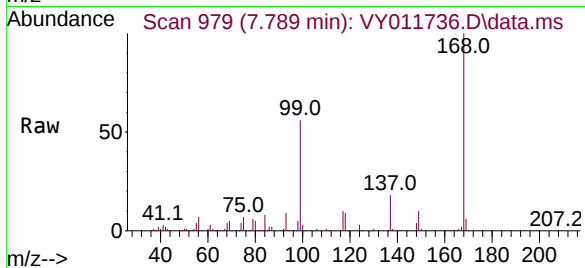




#31
Cyclohexane
Concen: 6.488 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

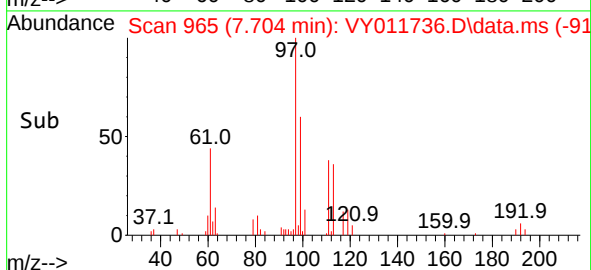
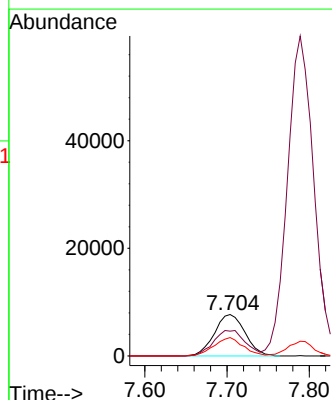
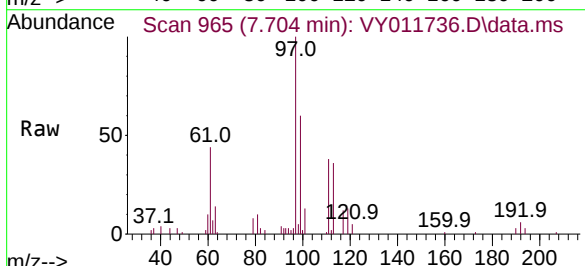
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

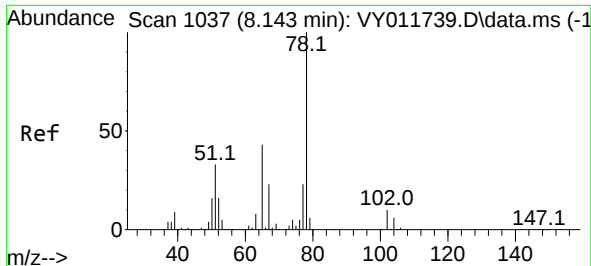
Tgt Ion: 56 Resp: 20059
Ion Ratio Lower Upper
56 100
69 66.0 29.2 43.8#
84 105.9 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 5.439 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 97 Resp: 20006
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 42.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 6.174 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

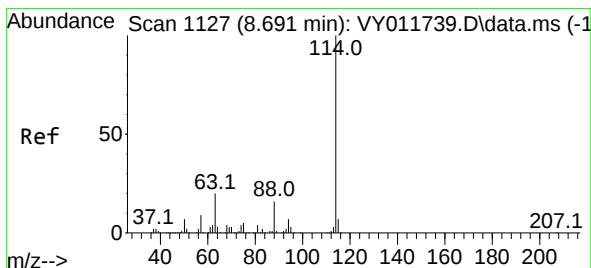
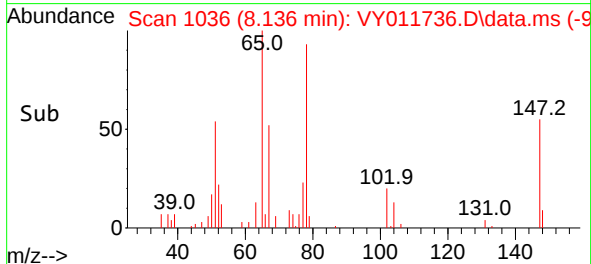
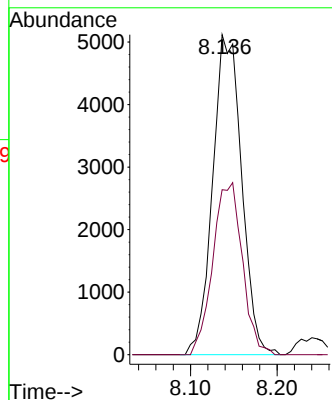
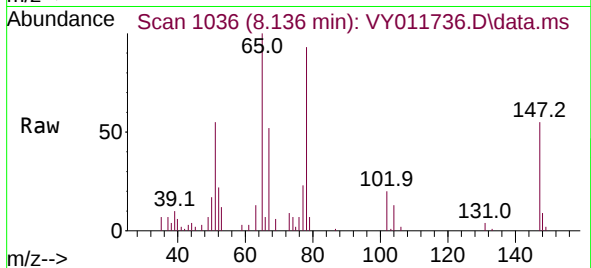
VSTDIC005

Tgt Ion: 65 Resp: 11868

Ion Ratio Lower Upper

65 100

67 54.7 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: VY011736.D

Acq: 09 Dec 2022 10:29

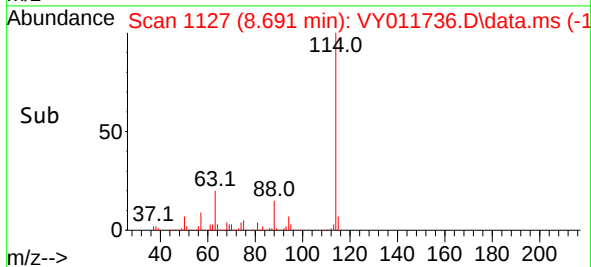
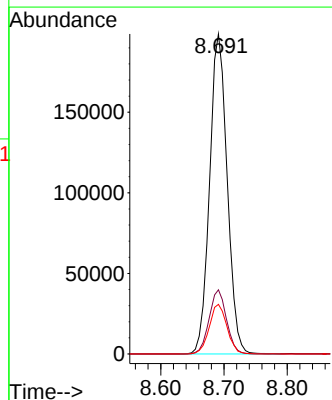
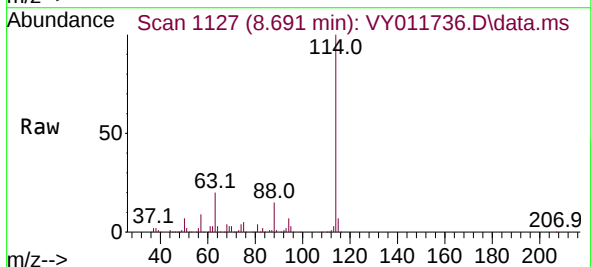
Tgt Ion: 114 Resp: 383160

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.5 0.0 32.2

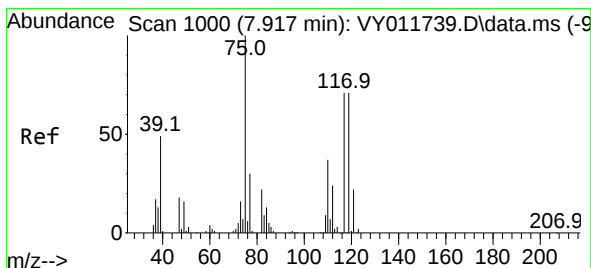
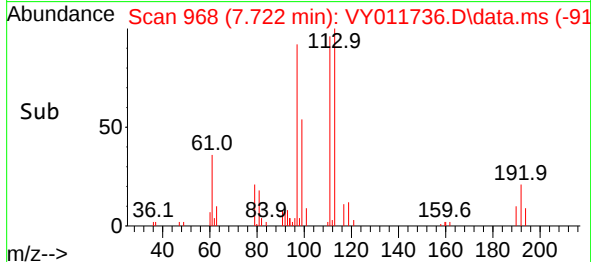
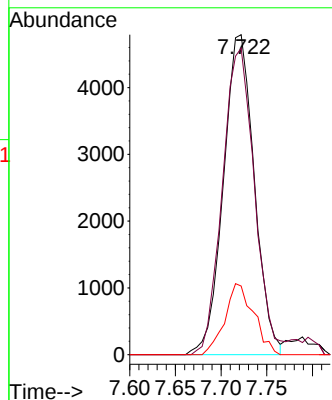
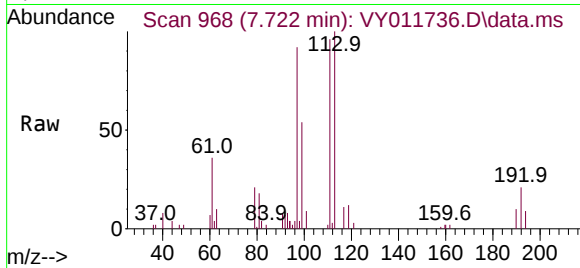




#35
 Dibromofluoromethane
 Concen: 5.839 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY011736.D
 Acq: 09 Dec 2022 10:29

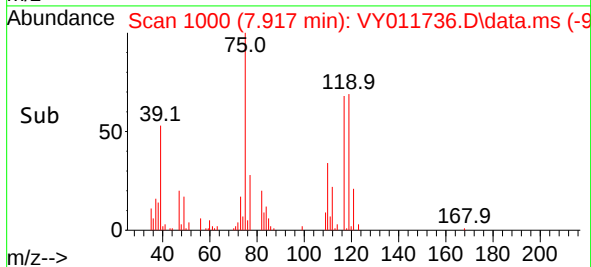
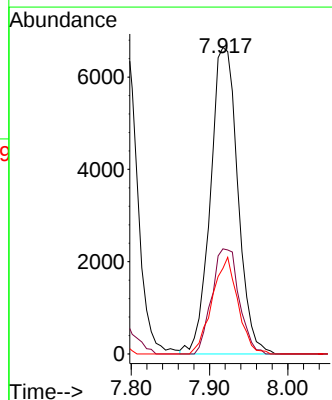
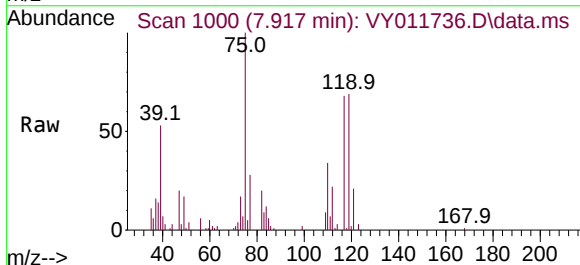
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

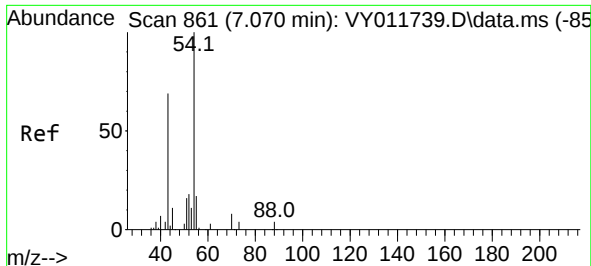
Tgt Ion:113 Resp: 11284
 Ion Ratio Lower Upper
 113 100
 111 99.3 83.0 124.4
 192 20.7 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 5.554 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VY011736.D
 Acq: 09 Dec 2022 10:29

Tgt Ion: 75 Resp: 16150
 Ion Ratio Lower Upper
 75 100
 110 34.1 18.1 54.1
 77 29.6 25.1 37.7





#37

Ethyl Acetate

Concen: 5.421 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

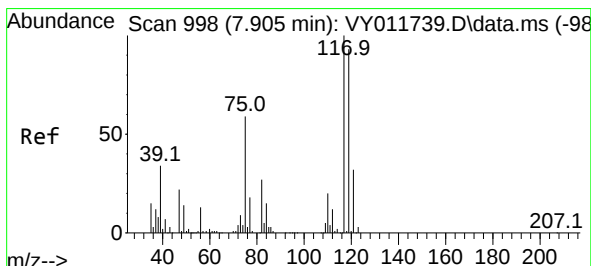
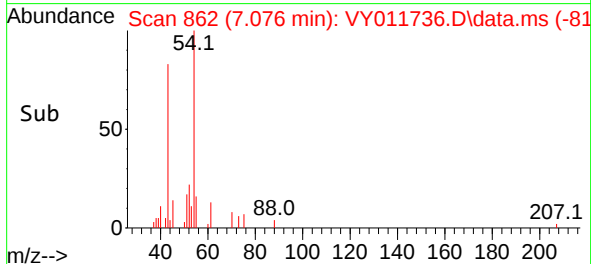
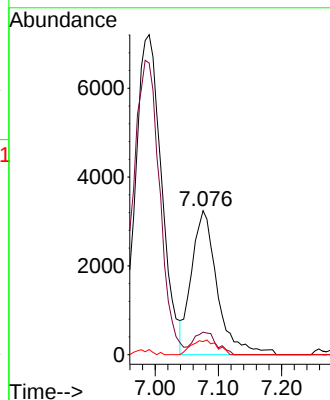
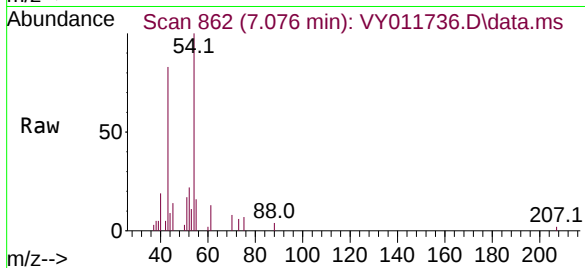
Tgt Ion: 43 Resp: 9215

Ion Ratio Lower Upper

43 100

61 14.3 11.3 16.9

70 10.1 8.2 12.4



#38

Carbon Tetrachloride

Concen: 5.435 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

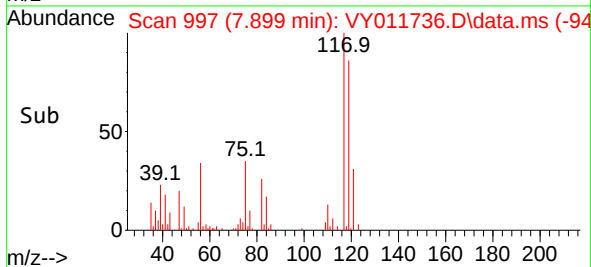
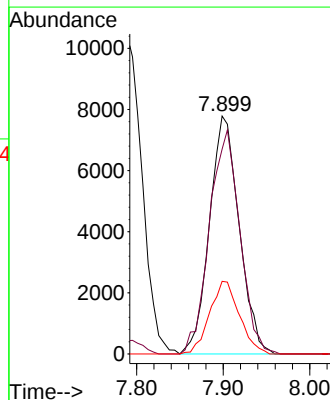
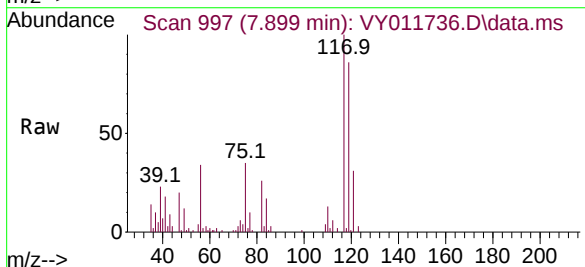
Tgt Ion: 117 Resp: 18563

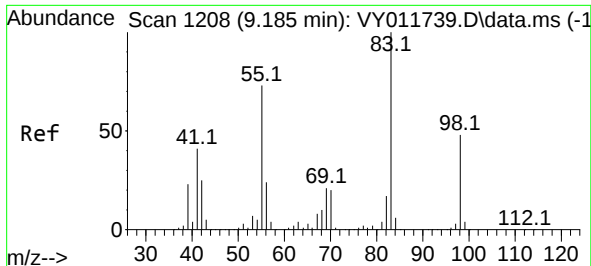
Ion Ratio Lower Upper

117 100

119 86.1 73.8 110.8

121 30.5 25.2 37.8





#39

Methylcyclohexane

Concen: 5.347 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

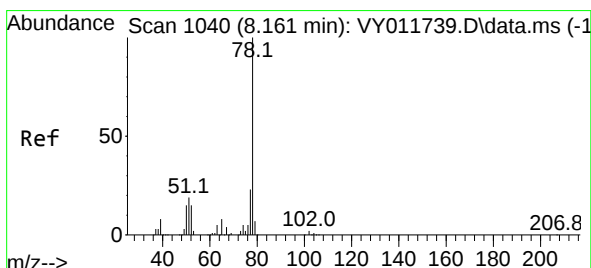
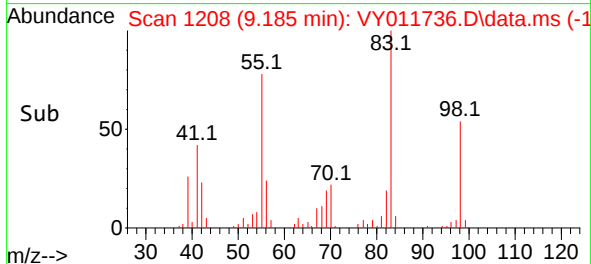
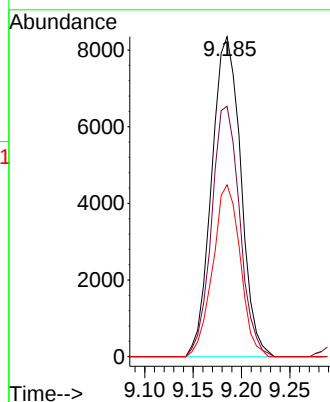
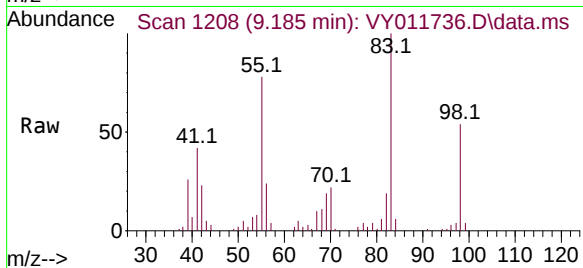
Tgt Ion: 83 Resp: 17493

Ion Ratio Lower Upper

83 100

55 78.2 58.2 87.2

98 53.7 38.6 58.0



#40

Benzene

Concen: 5.383 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011736.D

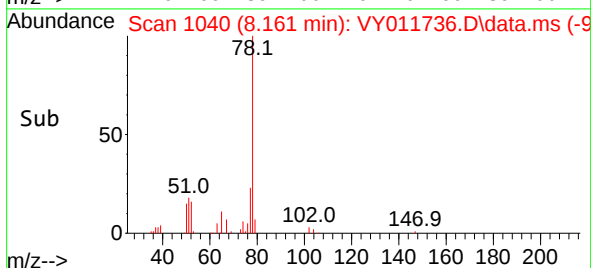
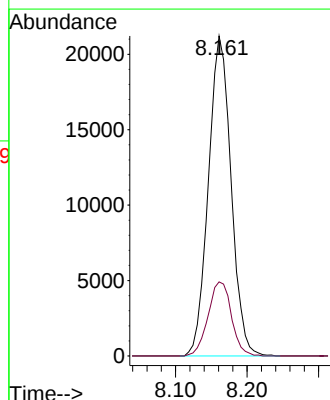
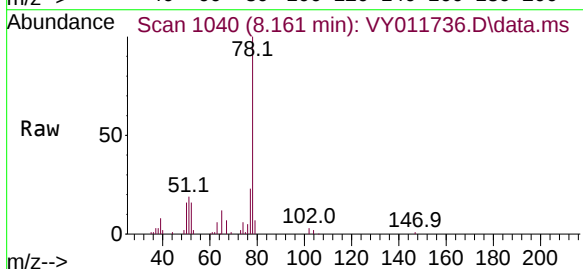
Acq: 09 Dec 2022 10:29

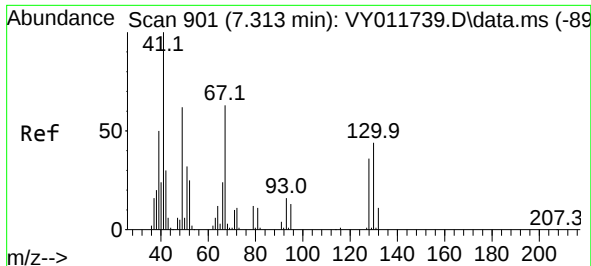
Tgt Ion: 78 Resp: 46754

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8

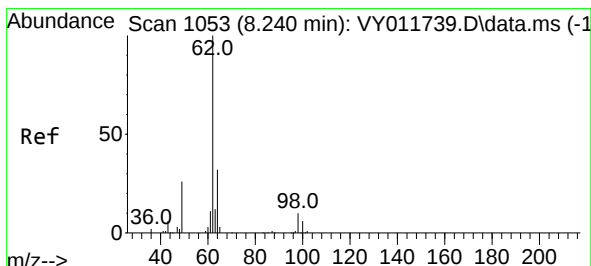
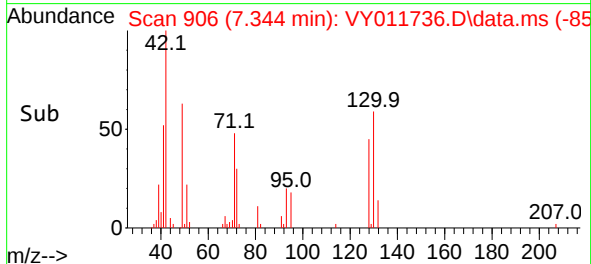
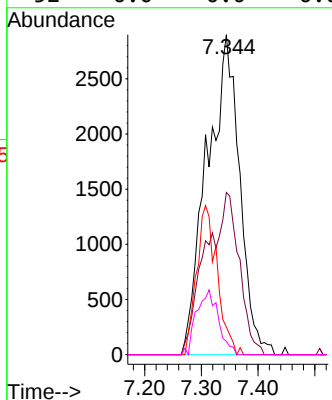
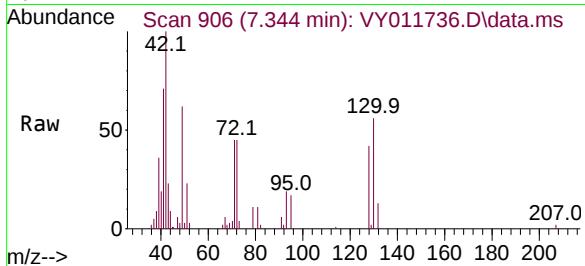




#41
Methacrylonitrile
Concen: 13.428 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

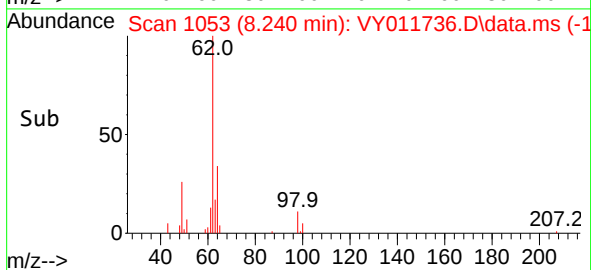
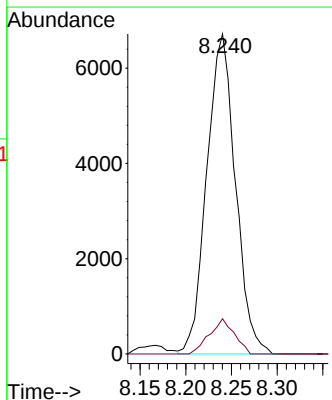
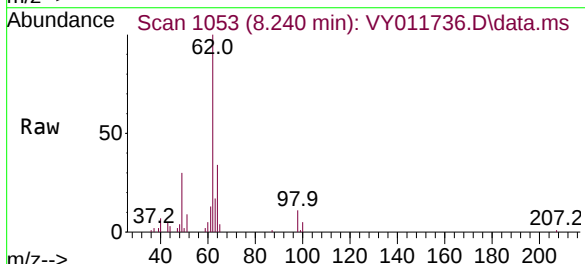
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

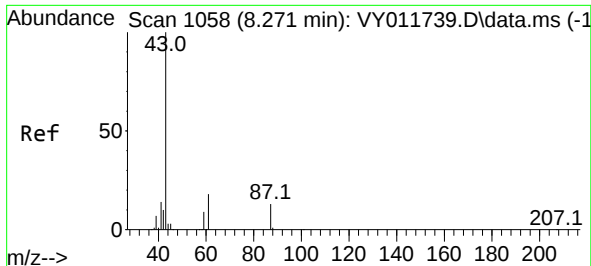
Tgt Ion: 41 Resp: 11534
Ion Ratio Lower Upper
41 100
39 52.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.452 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 62 Resp: 14645
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6

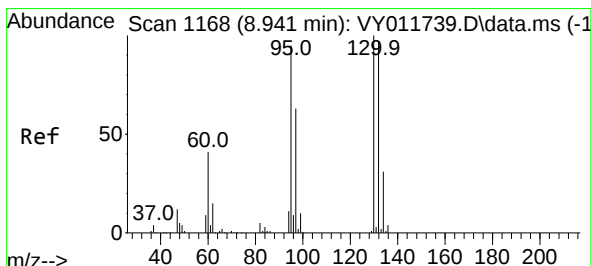
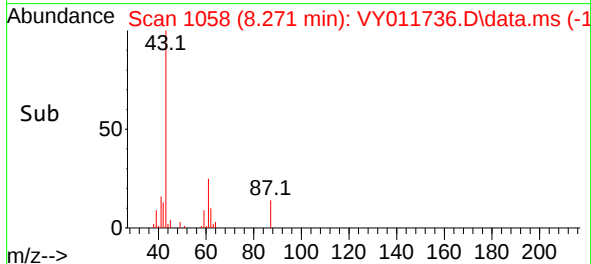
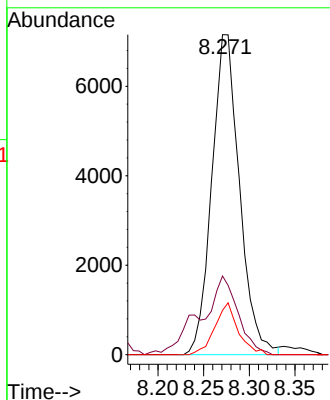
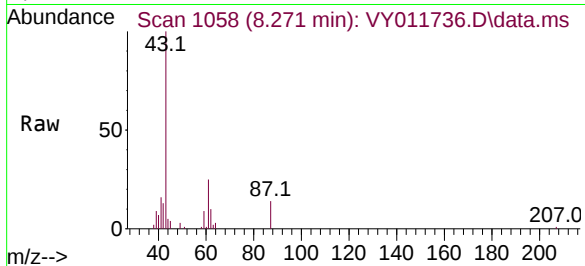




#43
Isopropyl Acetate
Concen: 4.900 ug/l
RT: 8.271 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

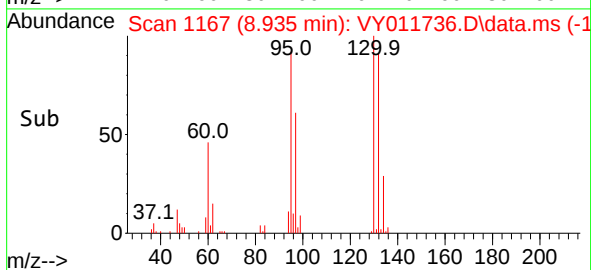
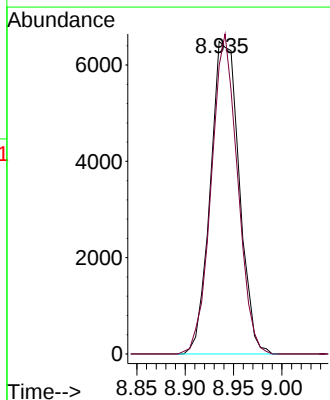
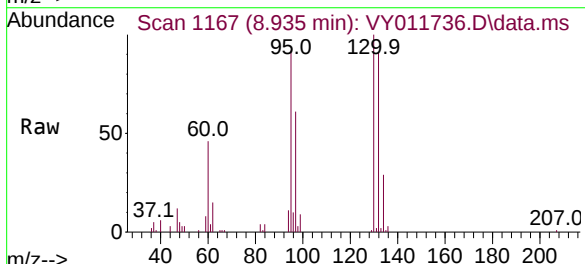
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion: 43 Resp: 15103
Ion Ratio Lower Upper
43 100
61 23.7 24.4 36.6#
87 13.6 11.4 17.2



#44
Trichloroethene
Concen: 5.510 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion:130 Resp: 13405
Ion Ratio Lower Upper
130 100
95 92.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 5.359 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

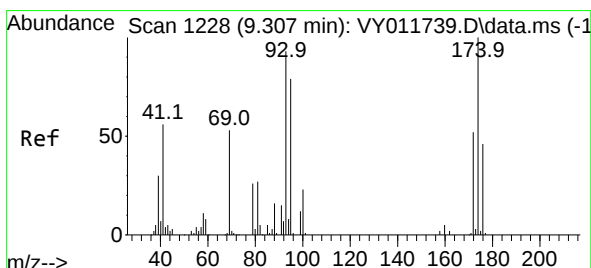
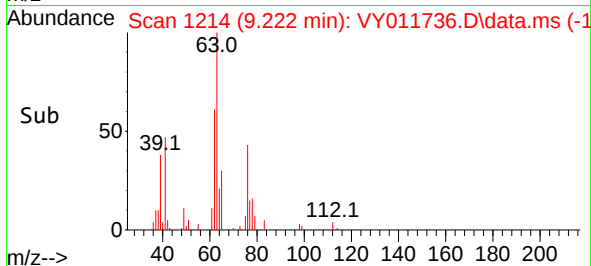
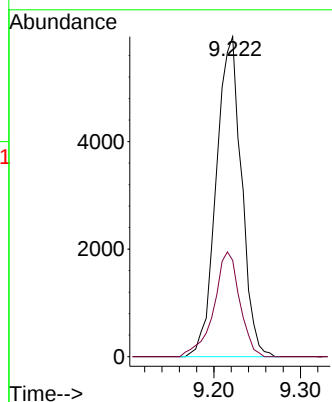
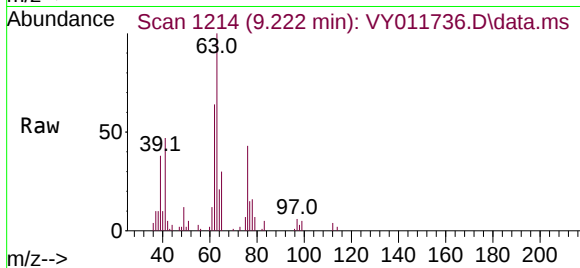
VSTDIC005

Tgt Ion: 63 Resp: 12049

Ion Ratio Lower Upper

63 100

65 30.1 24.9 37.3



#46

Dibromomethane

Concen: 5.400 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

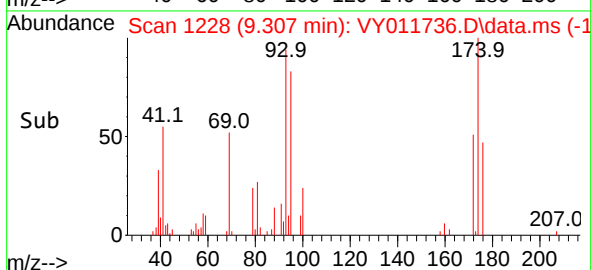
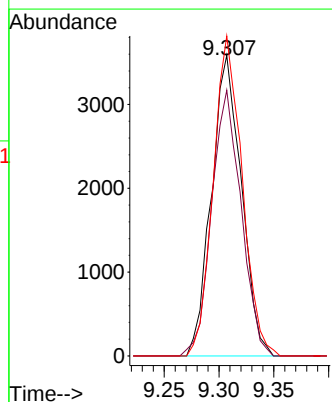
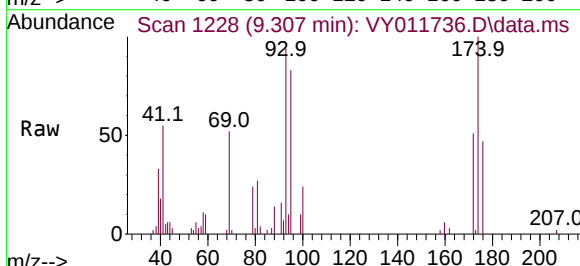
Tgt Ion: 93 Resp: 6796

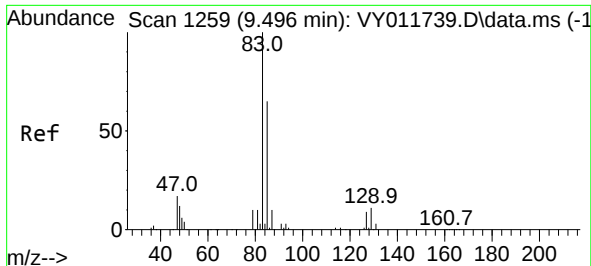
Ion Ratio Lower Upper

93 100

95 87.0 66.1 99.1

174 103.0 84.7 127.1





#47

Bromodichloromethane

Concen: 5.354 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

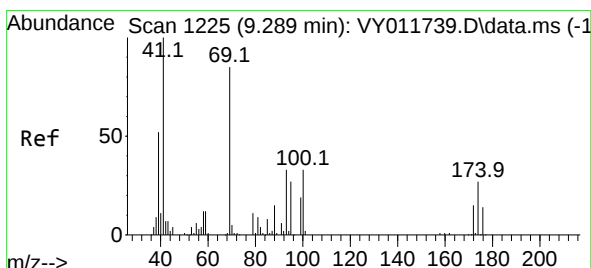
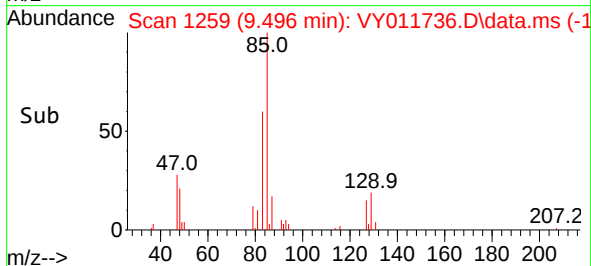
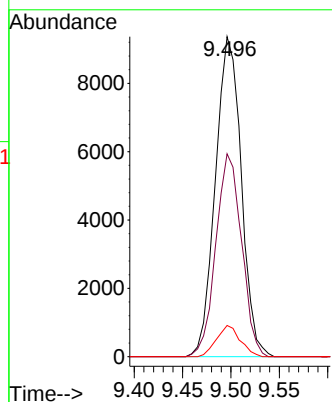
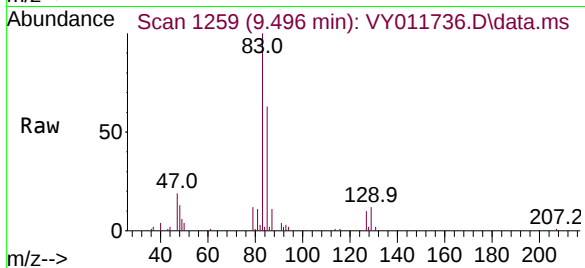
Tgt Ion: 83 Resp: 17408

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0

127 9.7 7.3 10.9



#48

Methyl methacrylate

Concen: 4.735 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

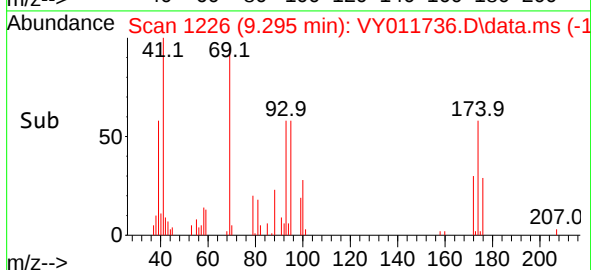
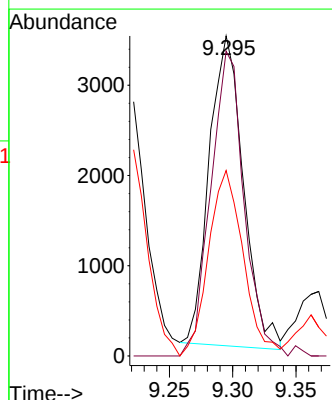
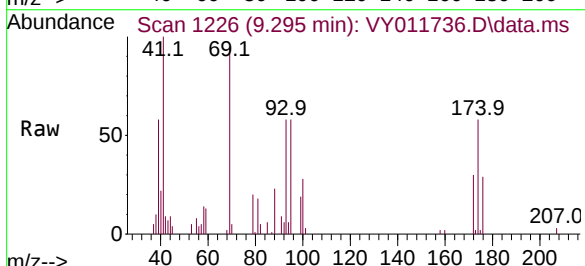
Tgt Ion: 41 Resp: 6434

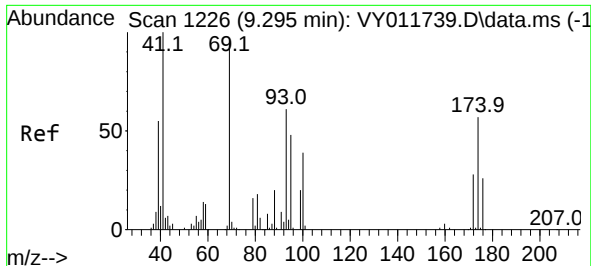
Ion Ratio Lower Upper

41 100

69 96.1 74.2 111.2

39 60.9 46.3 69.5





#49

1,4-Dioxane

Concen: 92.348 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011736.D

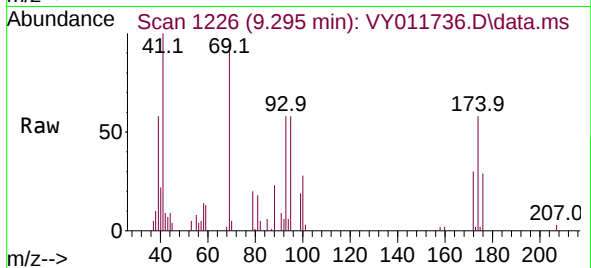
Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005



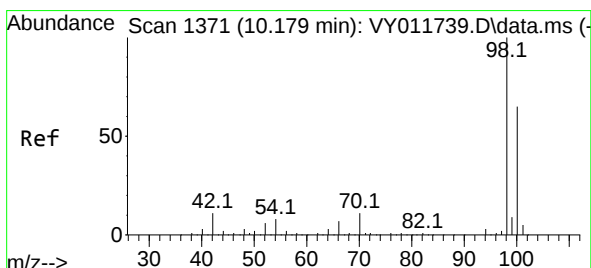
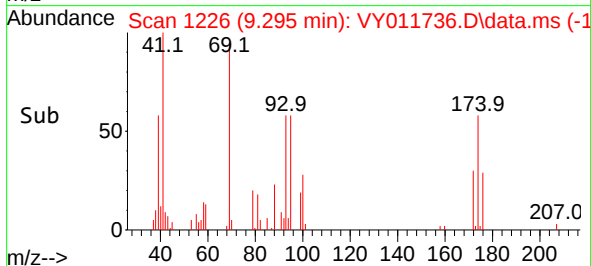
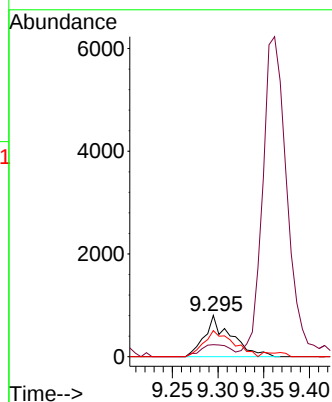
Tgt Ion: 88 Resp: 1610

Ion Ratio Lower Upper

88 100

43 32.5 26.2 39.2

58 68.9 54.3 81.5



#50

Toluene-d8

Concen: 6.010 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011736.D

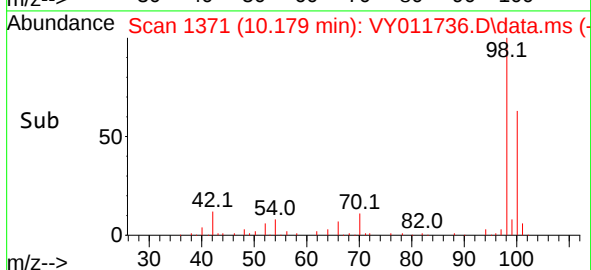
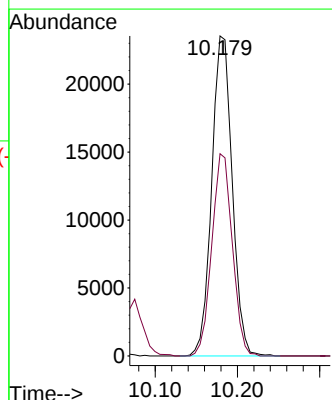
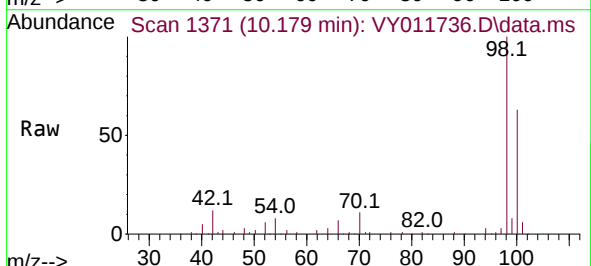
Acq: 09 Dec 2022 10:29

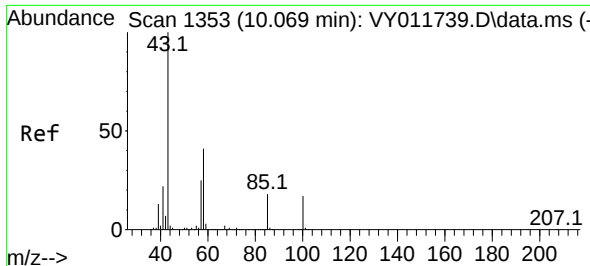
Tgt Ion: 98 Resp: 40741

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9

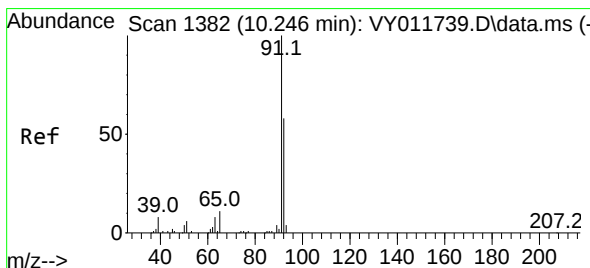
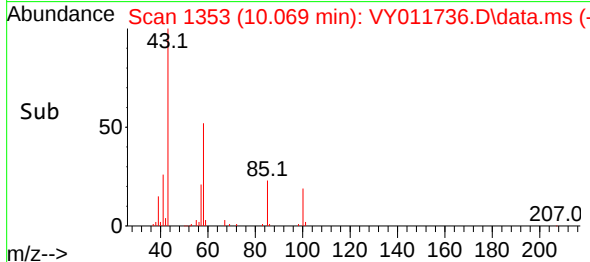
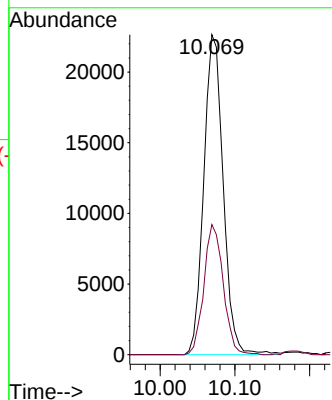
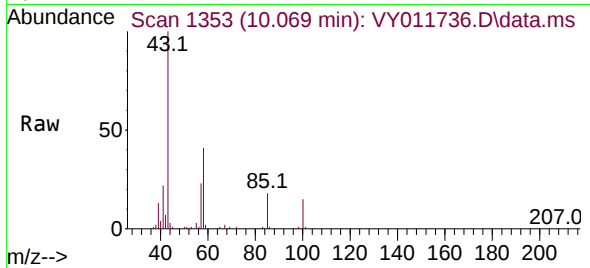




#51
4-Methyl-2-Pentanone
Concen: 24.057 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

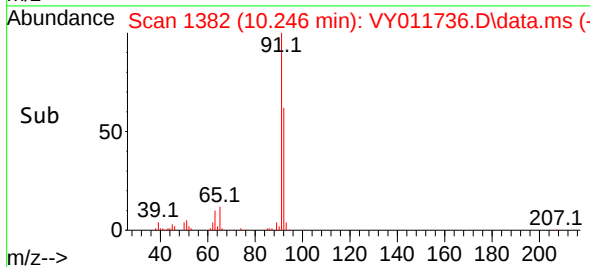
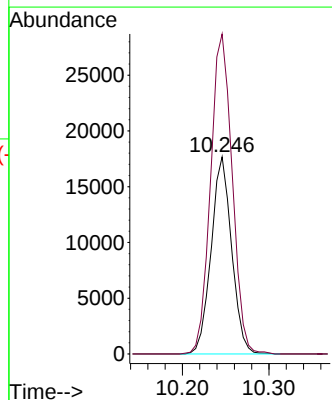
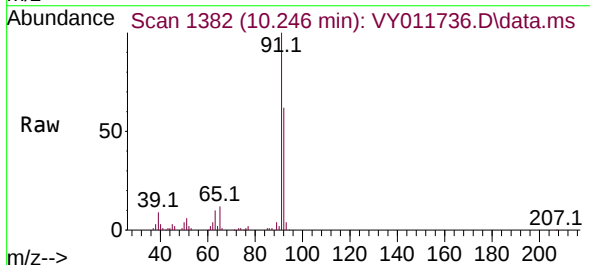
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

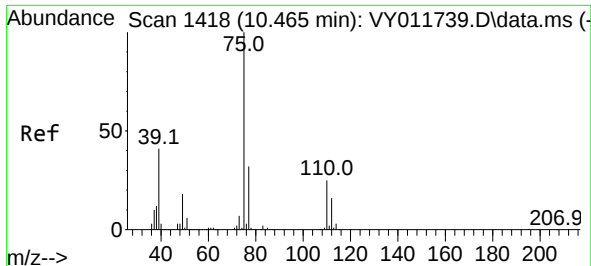
Tgt Ion: 43 Resp: 40859
Ion Ratio Lower Upper
43 100
58 40.6 32.9 49.3



#52
Toluene
Concen: 5.258 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 92 Resp: 29036
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0

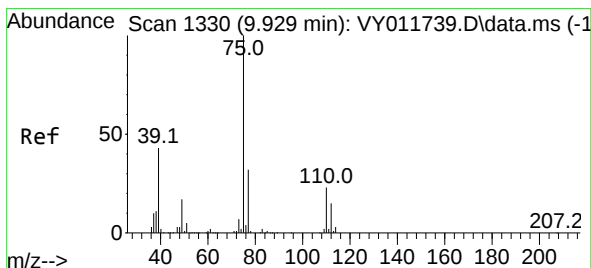
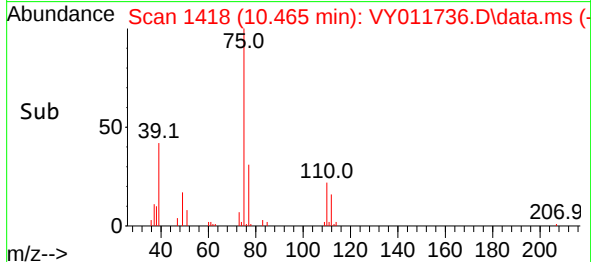
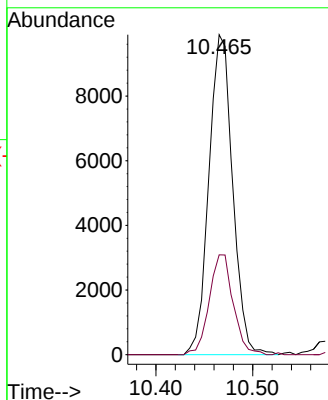
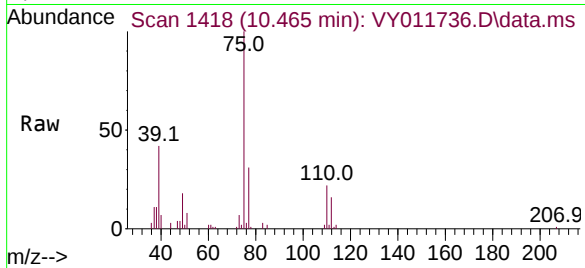




#53
t-1,3-Dichloropropene
Concen: 5.189 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

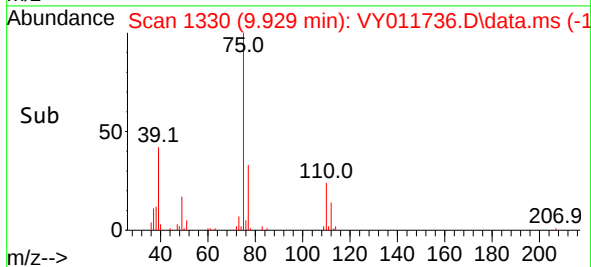
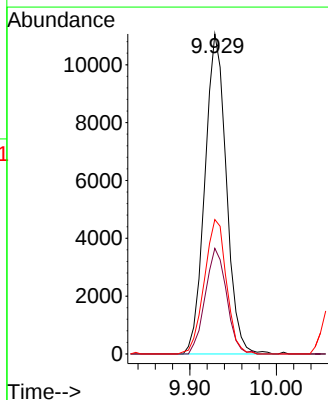
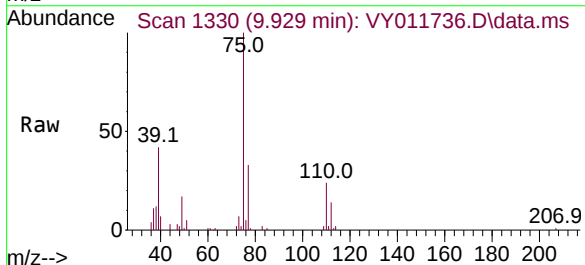
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

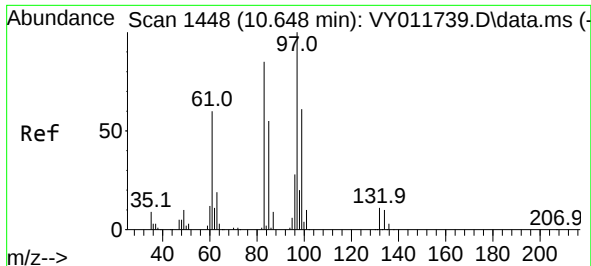
Tgt Ion: 75 Resp: 16851
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 5.221 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 75 Resp: 19051
Ion Ratio Lower Upper
75 100
77 33.0 25.9 38.9
39 42.0 34.6 52.0

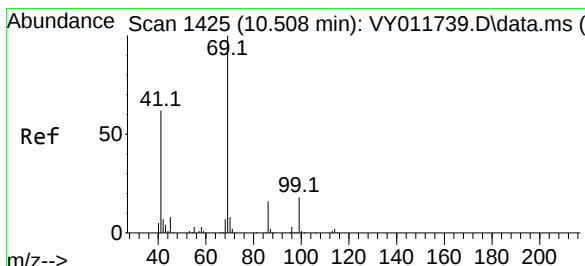
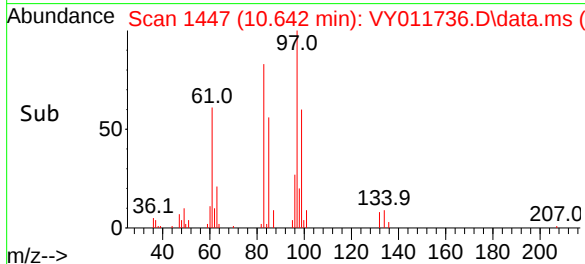
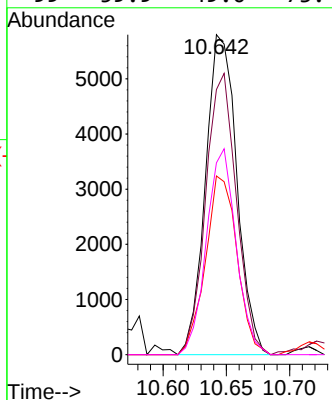
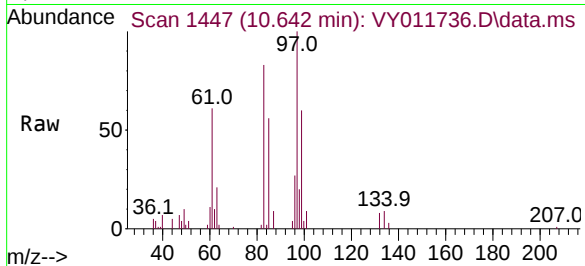




#55
1,1,2-Trichloroethane
Concen: 5.380 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

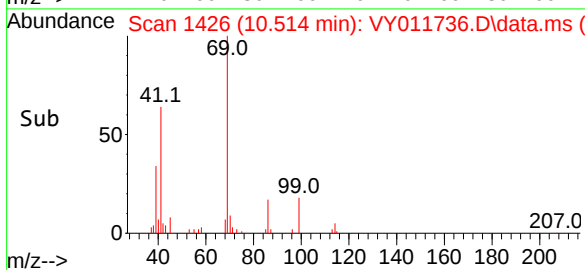
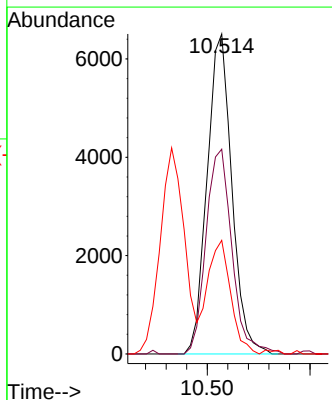
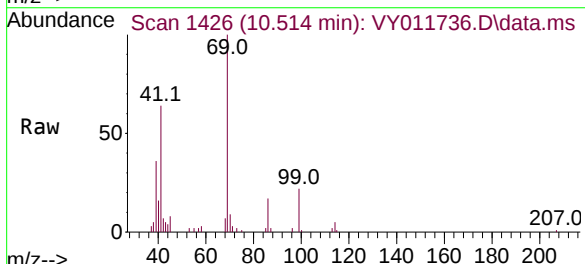
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

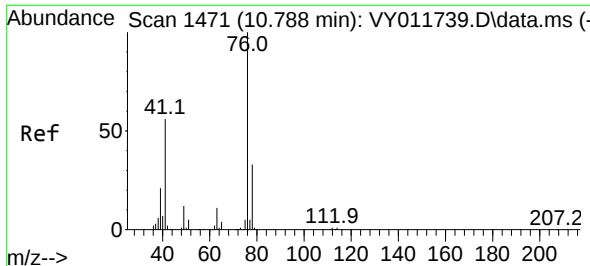
Tgt Ion: 97	Resp: 10007
Ion Ratio	Lower Upper
97 100	
83 82.8	67.7 101.5
85 55.9	43.8 65.8
99 59.9	49.0 73.4



#56
Ethyl methacrylate
Concen: 4.525 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 69	Resp: 10866
Ion Ratio	Lower Upper
69 100	
41 67.2	48.9 73.3
39 33.4	25.9 38.9





#57

1,3-Dichloropropane

Concen: 5.178 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

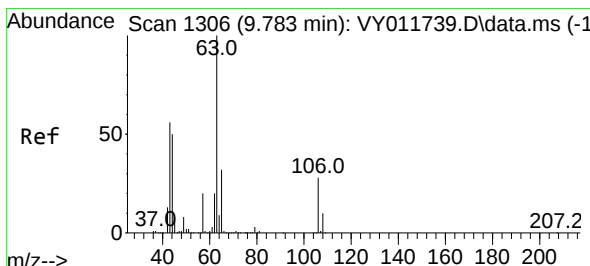
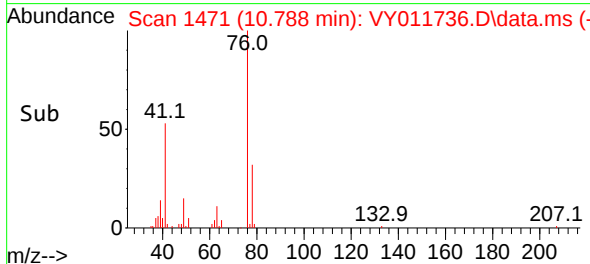
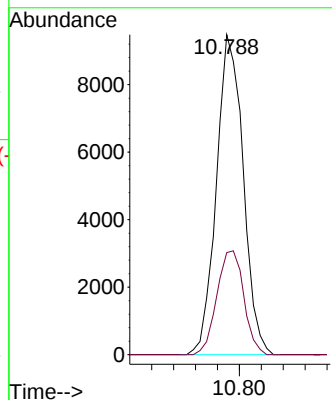
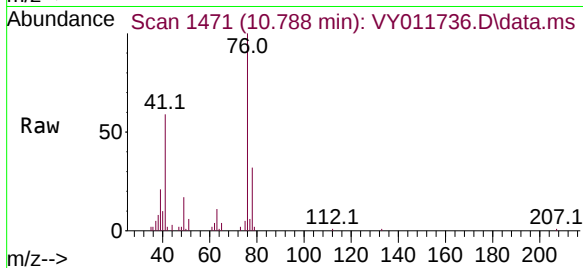
VSTDIC005

Tgt Ion: 76 Resp: 16054

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 24.575 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011736.D

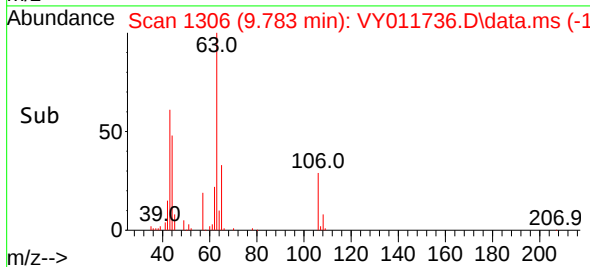
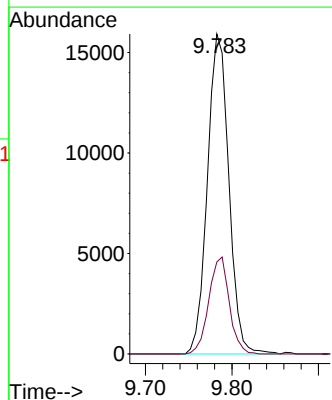
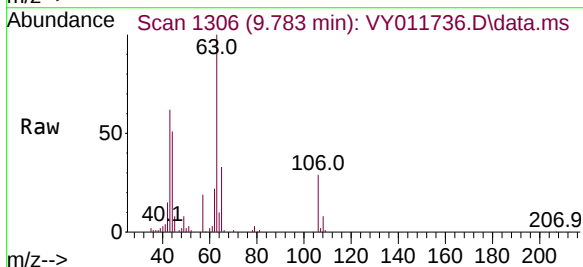
Acq: 09 Dec 2022 10:29

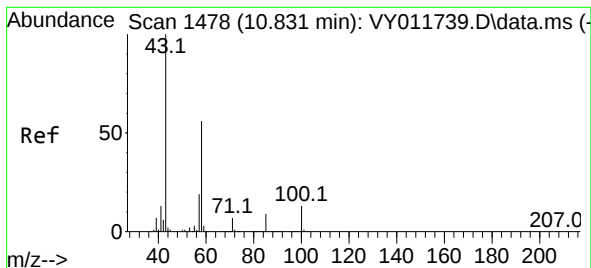
Tgt Ion: 63 Resp: 27362

Ion Ratio Lower Upper

63 100

106 28.9 23.2 34.8

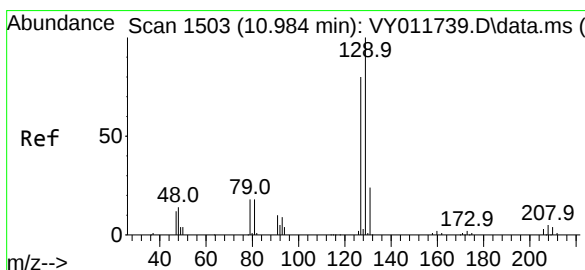
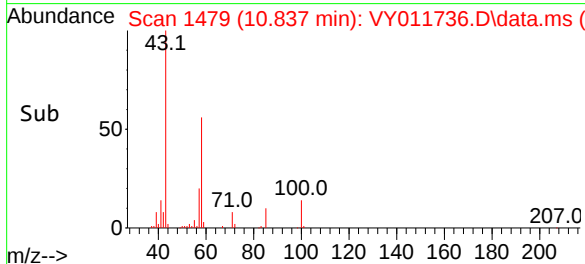
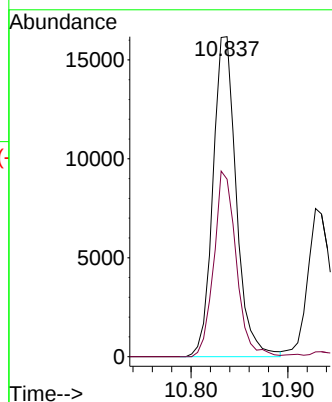
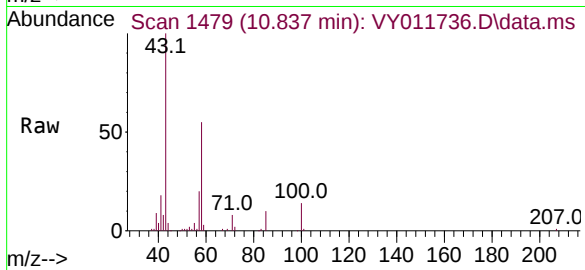




#59
2-Hexanone
Concen: 22.349 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

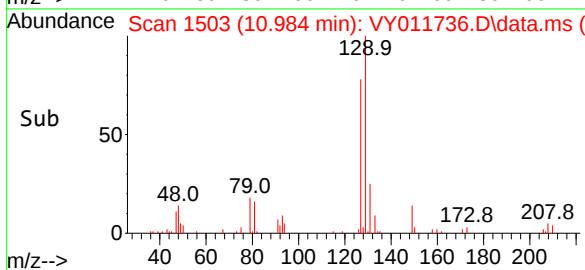
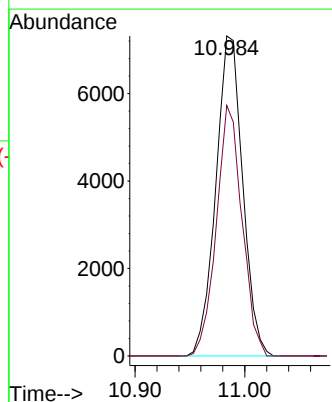
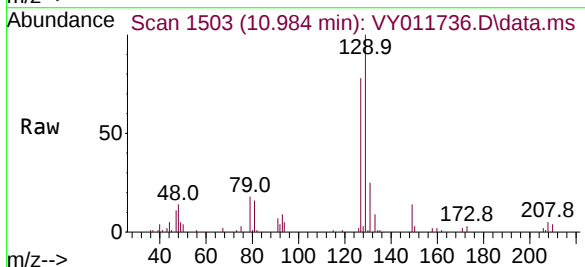
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

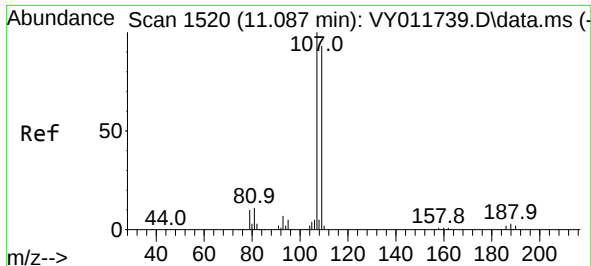
Tgt Ion: 43 Resp: 27120
Ion Ratio Lower Upper
43 100
58 55.5 28.4 85.2



#60
Dibromochloromethane
Concen: 5.356 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 129 Resp: 12477
Ion Ratio Lower Upper
129 100
127 74.7 38.9 116.6

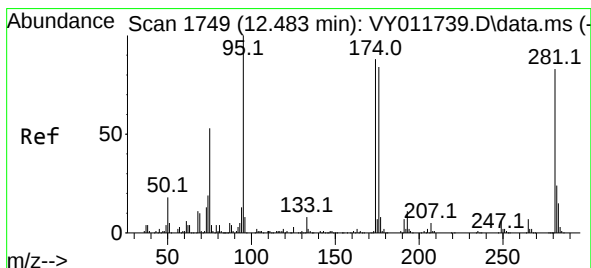
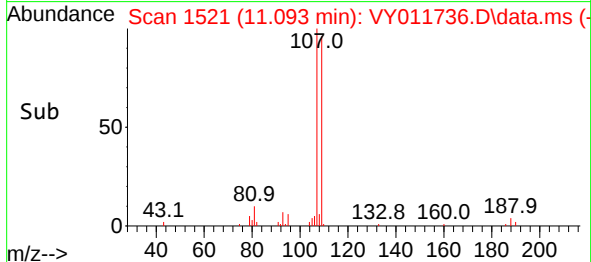
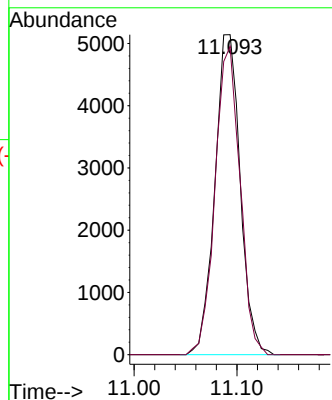
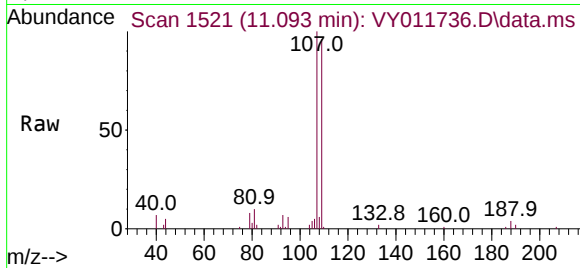




#61
1,2-Dibromoethane
Concen: 5.216 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

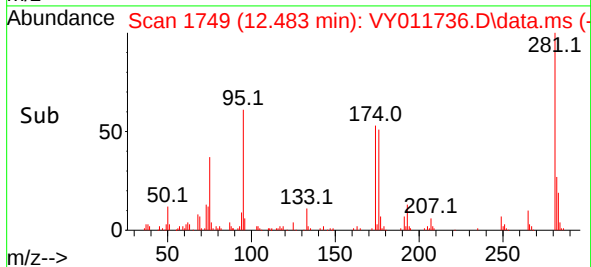
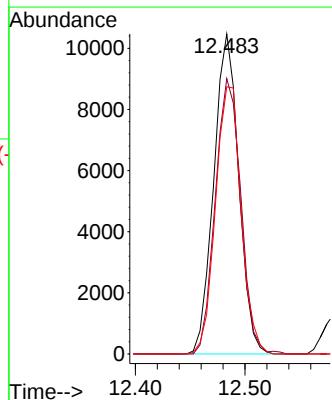
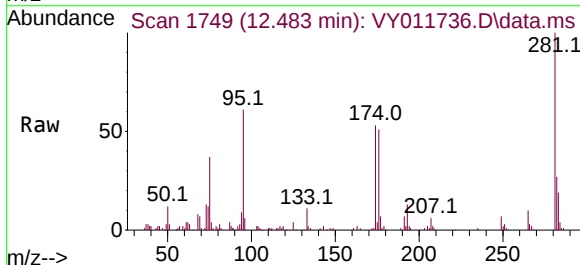
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

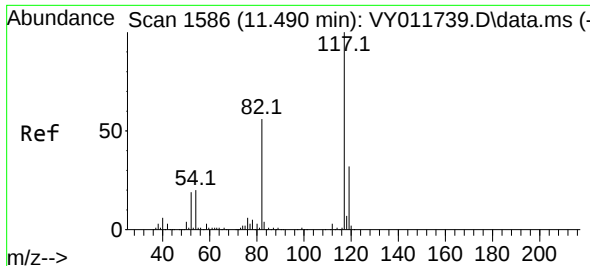
Tgt Ion:107 Resp: 8789
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 6.366 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 95 Resp: 16570
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.0
176 85.5 0.0 167.6

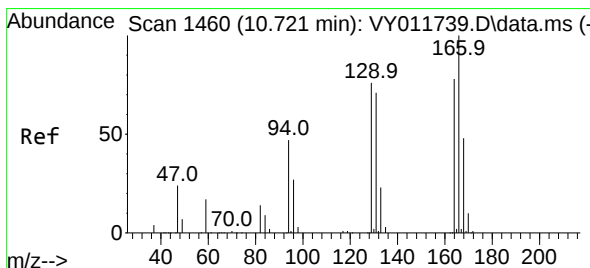
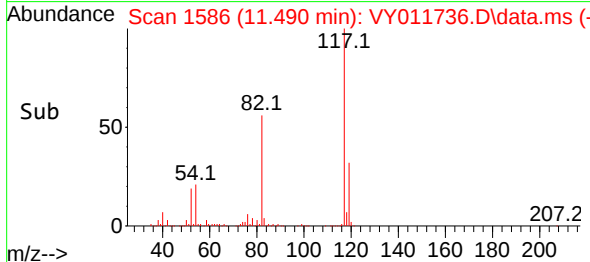
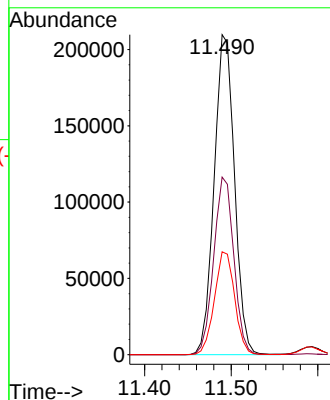
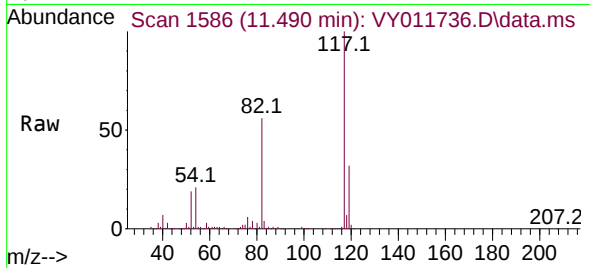




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

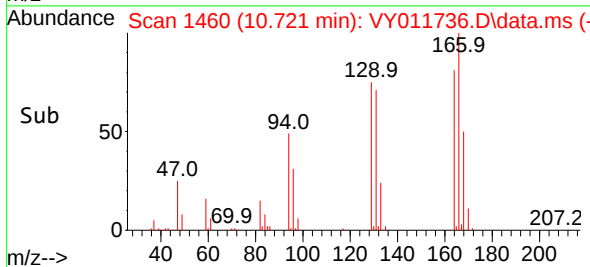
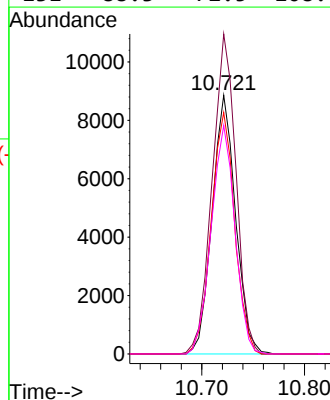
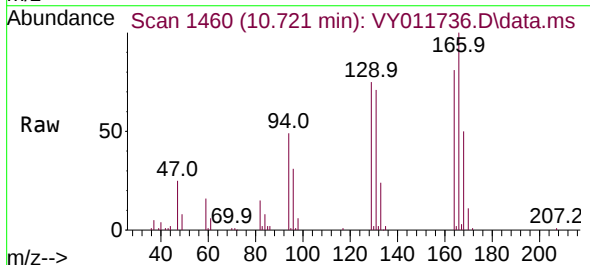
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

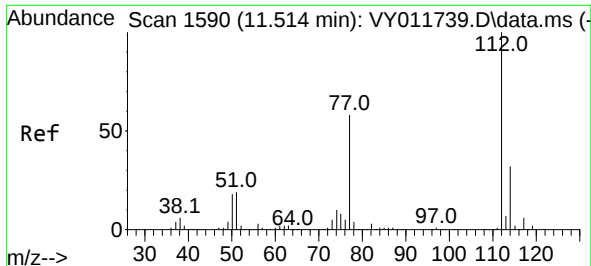
Tgt Ion:117 Resp: 342512
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 5.780 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion:164 Resp: 14006
Ion Ratio Lower Upper
164 100
166 123.7 102.3 153.5
129 93.3 77.2 115.8
131 88.3 72.5 108.7

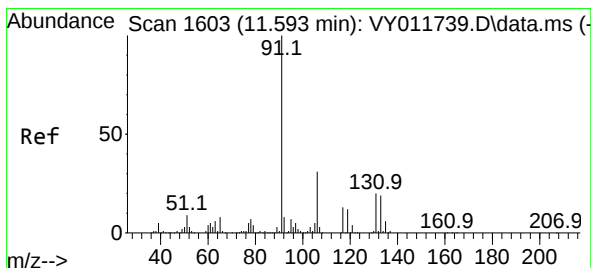
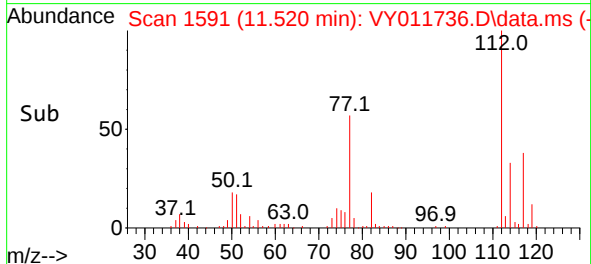
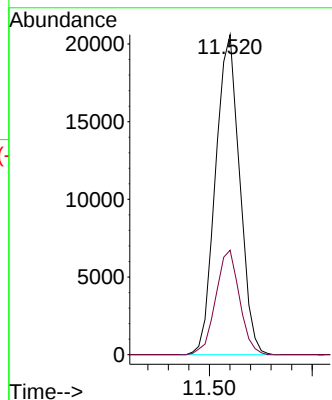
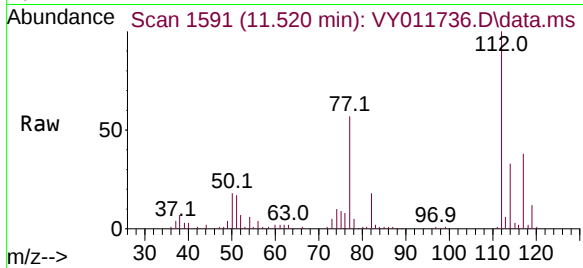




#65
Chlorobenzene
Concen: 5.434 ug/l
RT: 11.520 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

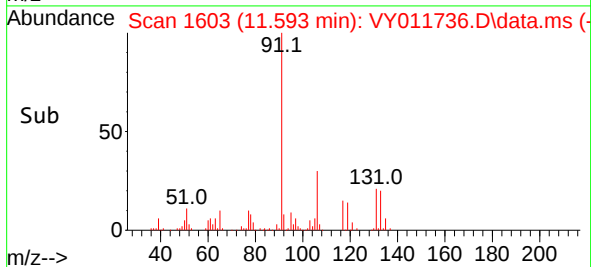
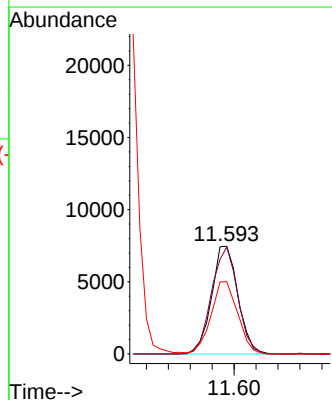
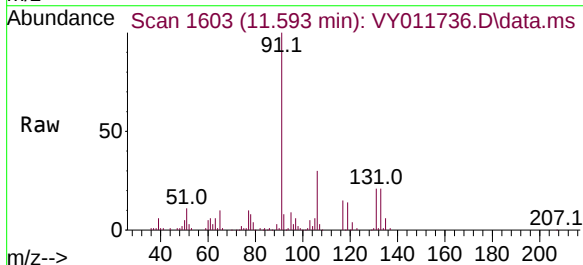
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

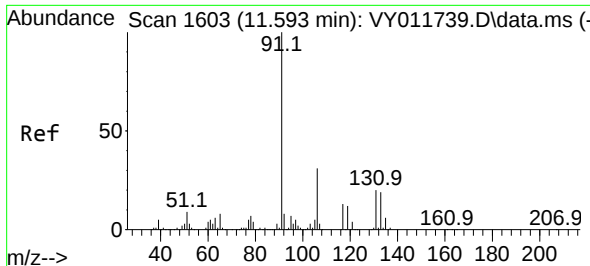
Tgt Ion:112 Resp: 33535
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.208 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion:131 Resp: 12468
Ion Ratio Lower Upper
131 100
133 98.1 47.3 142.0
119 67.9 32.1 96.3

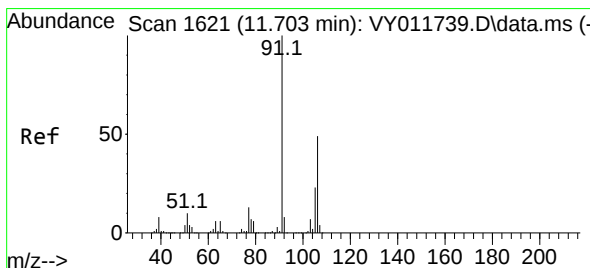
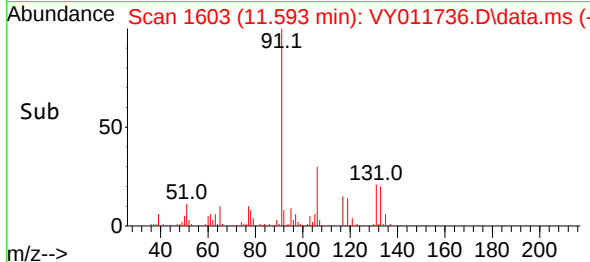
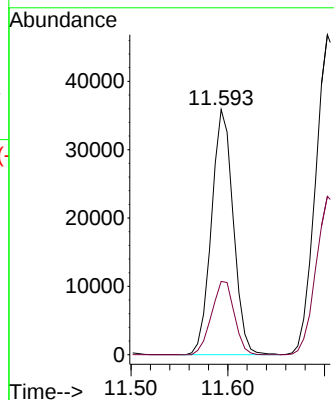
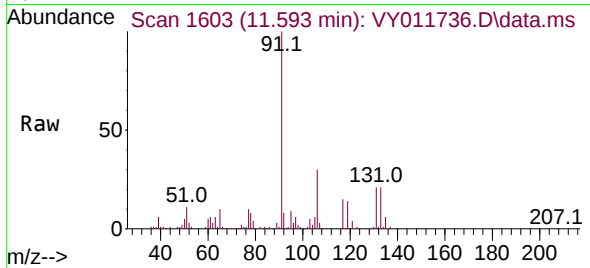




#67
Ethyl Benzene
Concen: 5.165 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

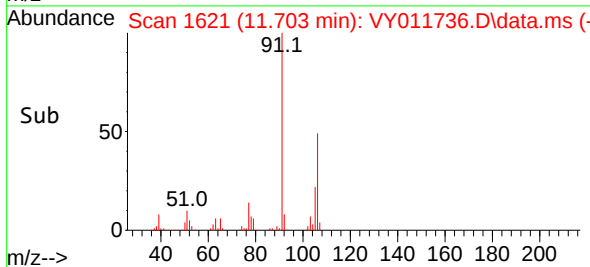
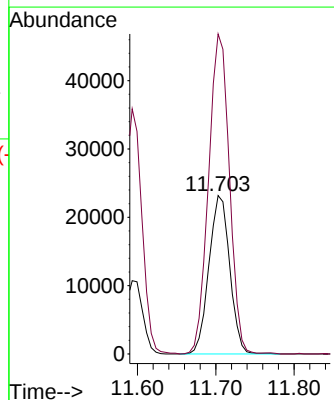
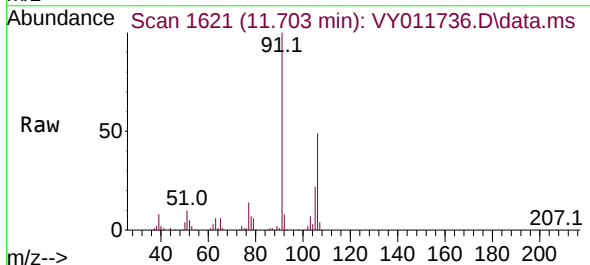
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

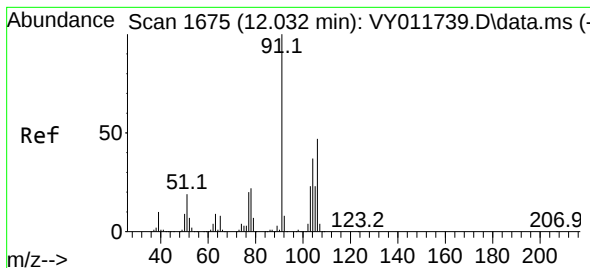
Tgt Ion: 91 Resp: 56165
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.4



#68
m/p-Xylenes
Concen: 10.263 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 106 Resp: 42741
Ion Ratio Lower Upper
106 100
91 202.4 162.5 243.7

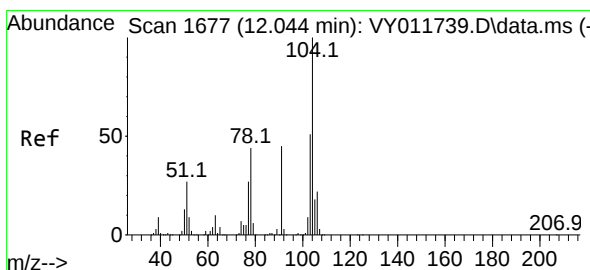
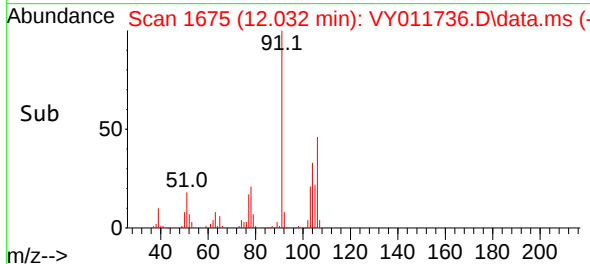
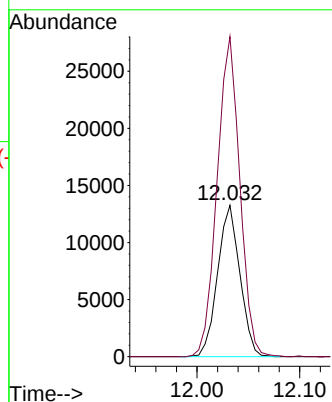
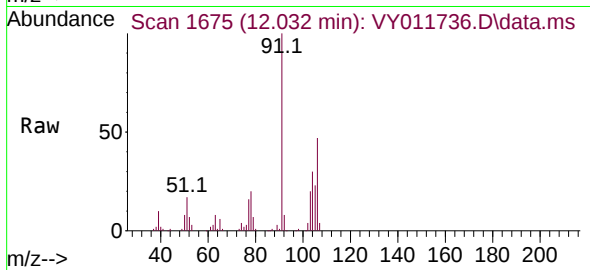




#69
o-Xylene
Concen: 5.031 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

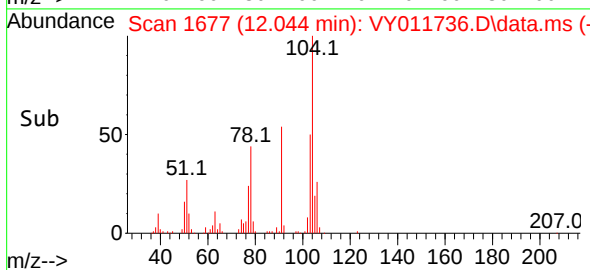
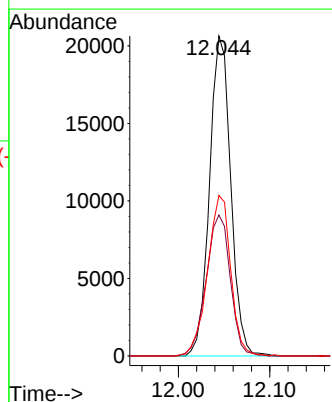
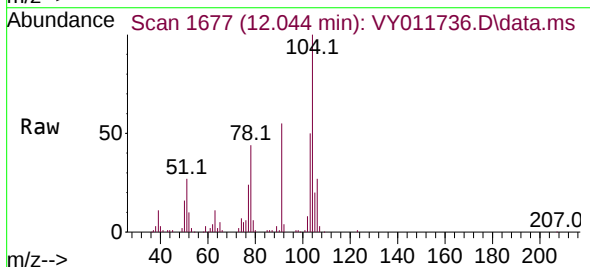
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

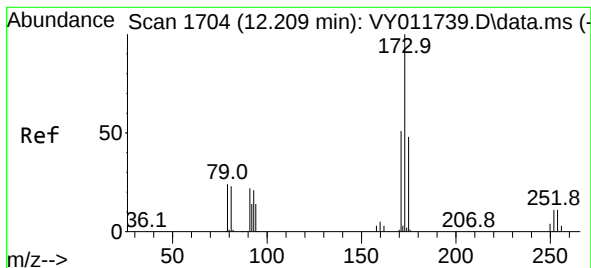
Tgt Ion:106 Resp: 19970
Ion Ratio Lower Upper
106 100
91 215.6 107.5 322.4



#70
Styrene
Concen: 4.926 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion:104 Resp: 33371
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.0
103 54.8 43.0 64.4





#71

Bromoform

Concen: 5.272 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

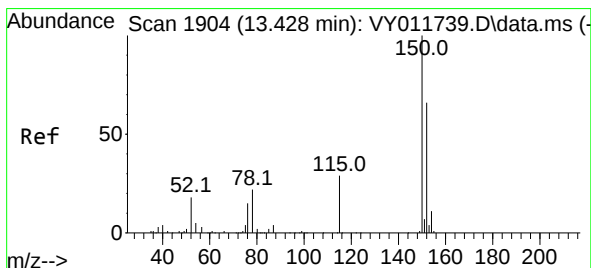
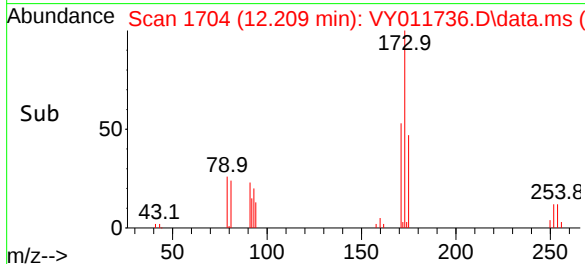
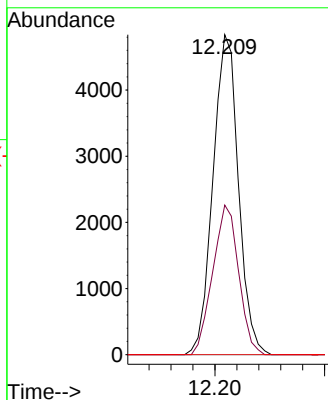
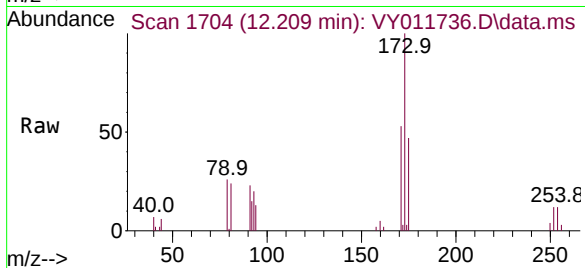
Tgt Ion:173 Resp: 7785

Ion Ratio Lower Upper

173 100

175 47.6 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: VY011736.D

Acq: 09 Dec 2022 10:29

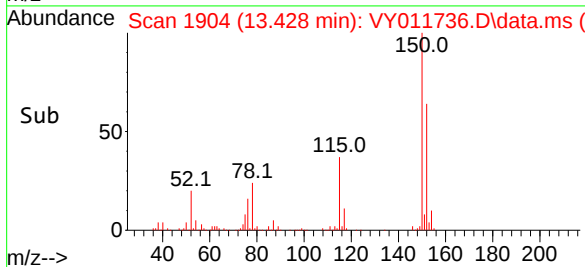
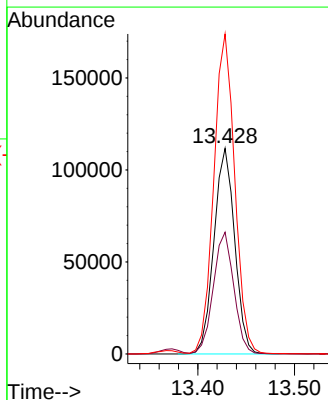
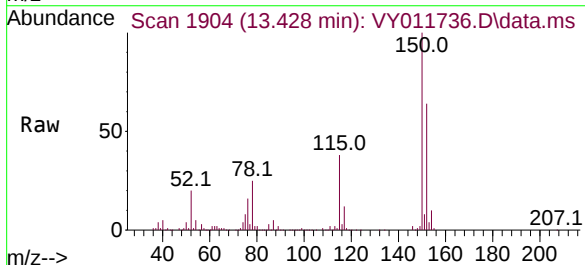
Tgt Ion:152 Resp: 166313

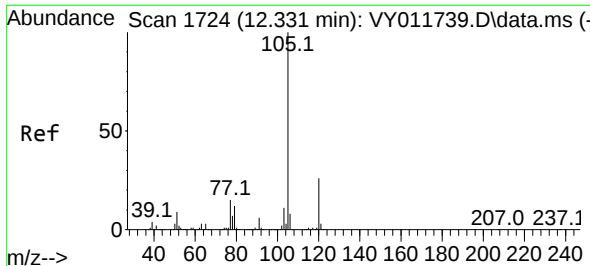
Ion Ratio Lower Upper

152 100

115 58.7 29.1 87.3

150 157.6 0.0 342.6

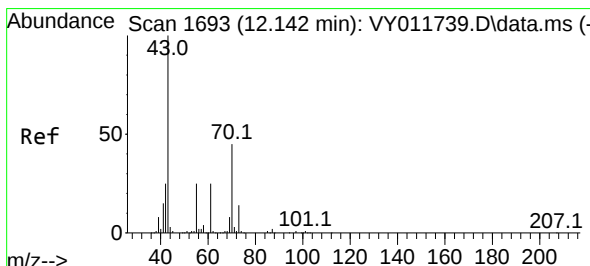
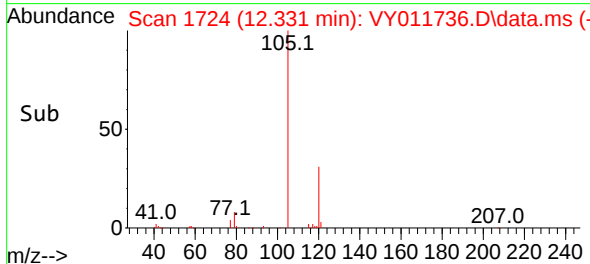
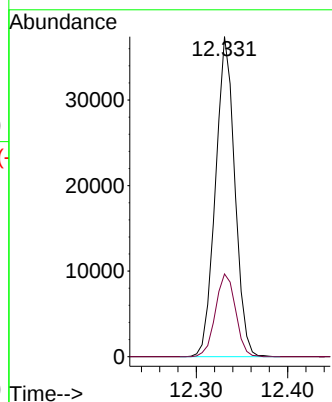
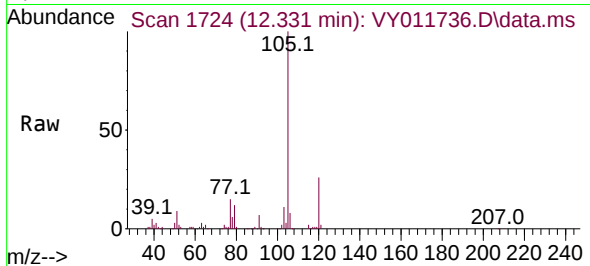




#73
Isopropylbenzene
Concen: 5.094 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

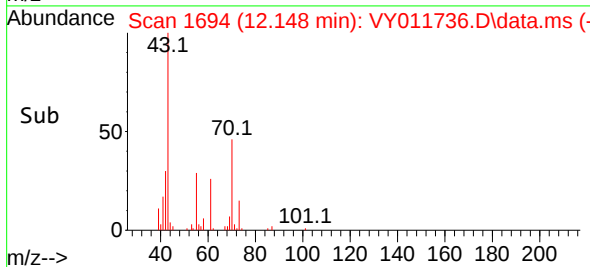
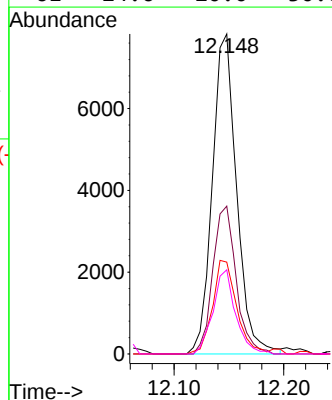
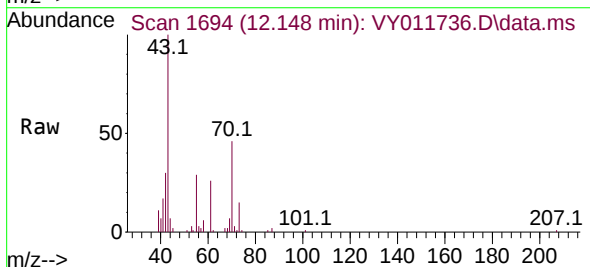
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

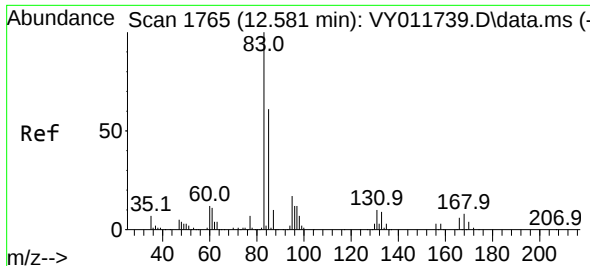
Tgt Ion:105 Resp: 54894
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 4.648 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 43 Resp: 12043
Ion Ratio Lower Upper
43 100
70 44.4 35.8 53.8
55 29.0 21.0 31.4
61 24.6 20.0 30.0

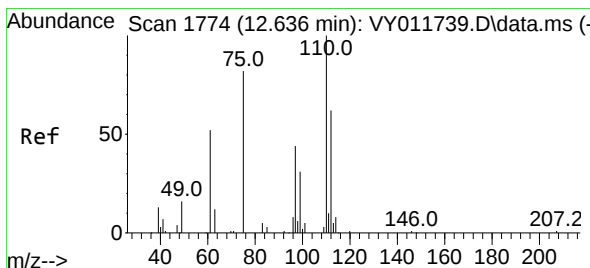
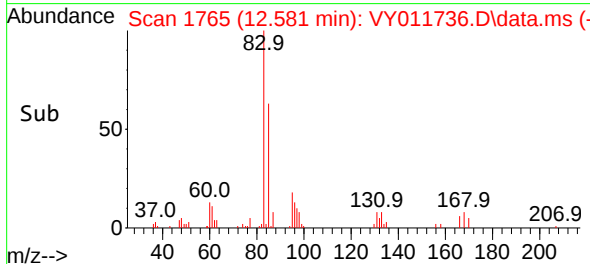
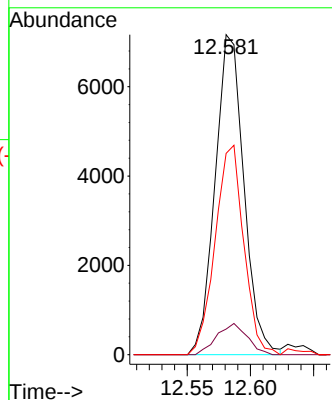
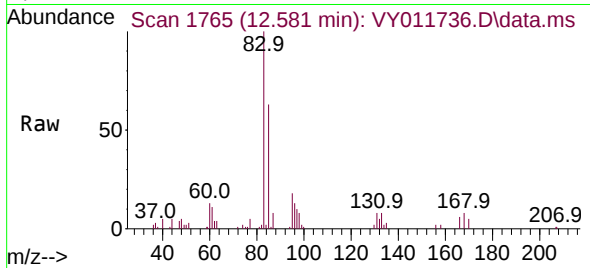




#75
1,1,2,2-Tetrachloroethane
Concen: 5.400 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

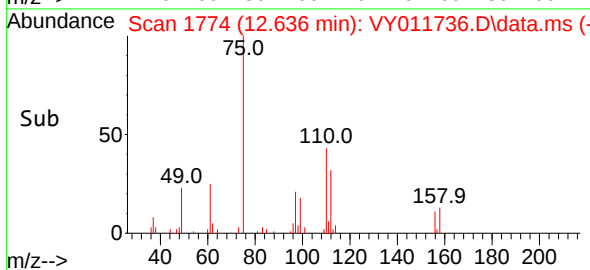
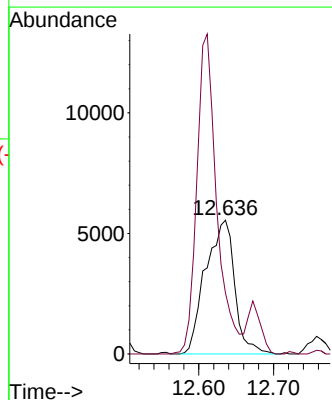
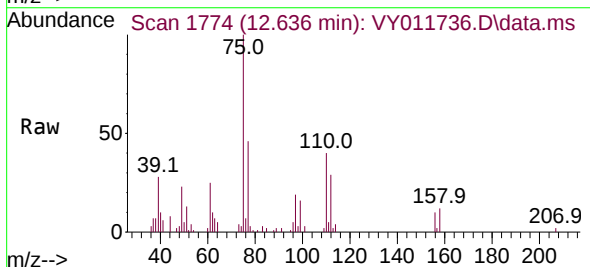
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

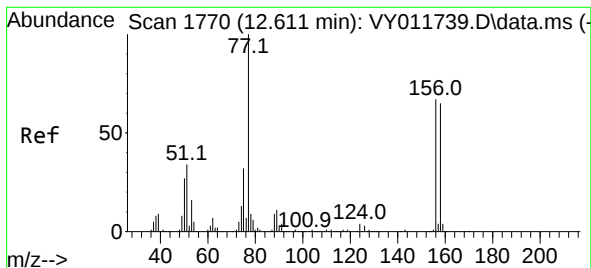
Tgt Ion:	83	Resp:	11331
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.6	16.8
85	65.0	32.3	96.8



#76
1,2,3-Trichloropropane
Concen: 7.568 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion:	75	Resp:	15004
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.213 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

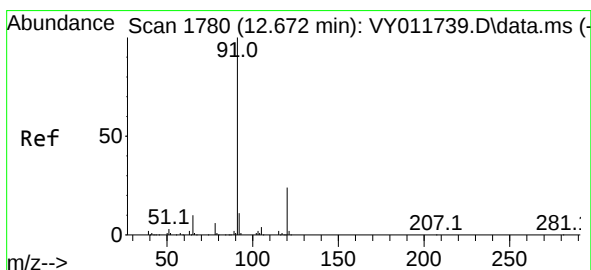
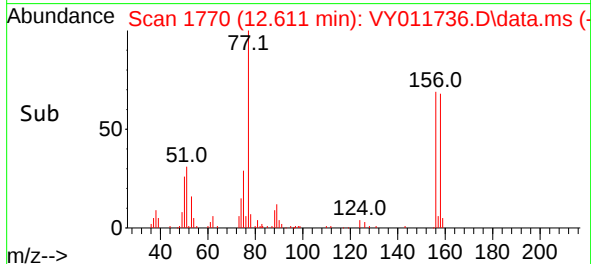
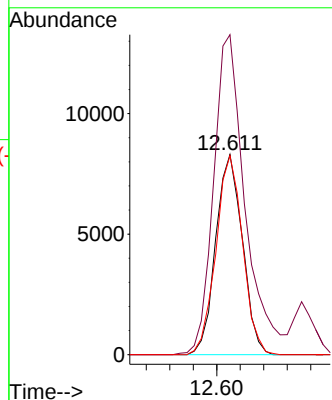
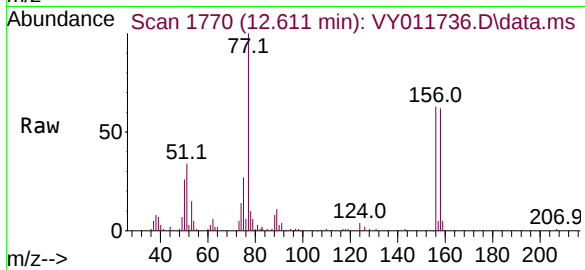
Tgt Ion:156 Resp: 13115

Ion Ratio Lower Upper

156 100

77 186.8 90.0 270.0

158 99.5 48.4 145.2



#78

n-propylbenzene

Concen: 5.278 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY011736.D

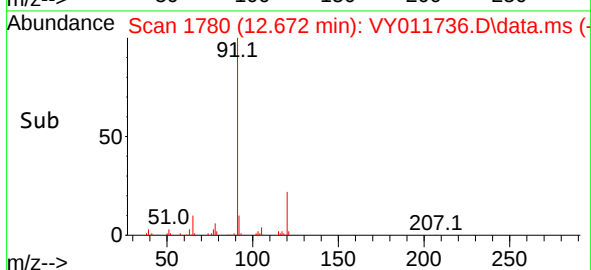
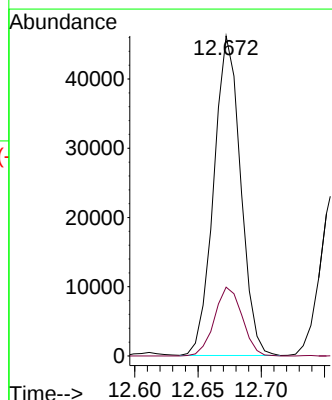
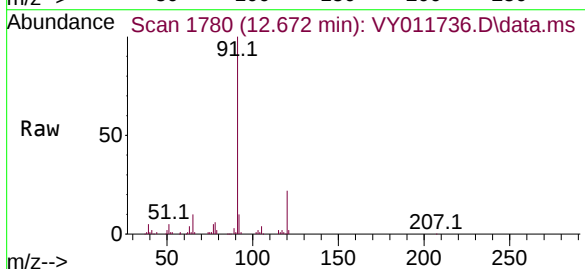
Acq: 09 Dec 2022 10:29

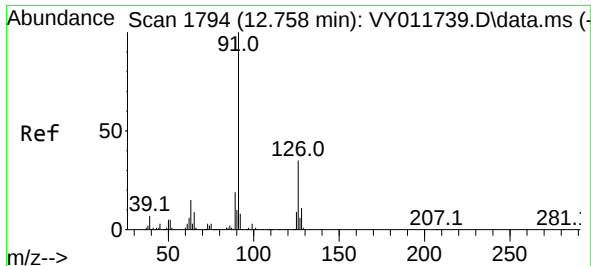
Tgt Ion: 91 Resp: 68159

Ion Ratio Lower Upper

91 100

120 22.1 11.8 35.4

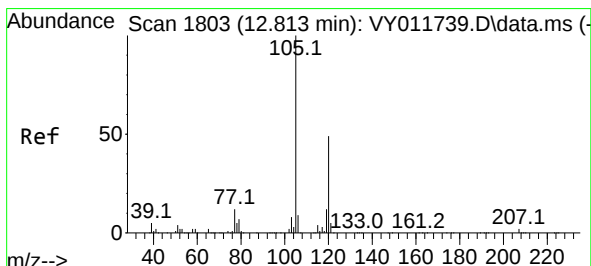
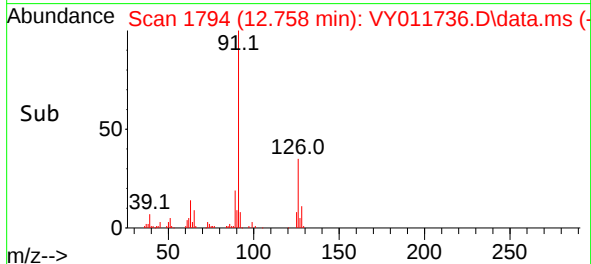
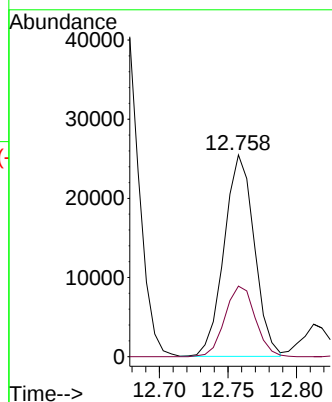
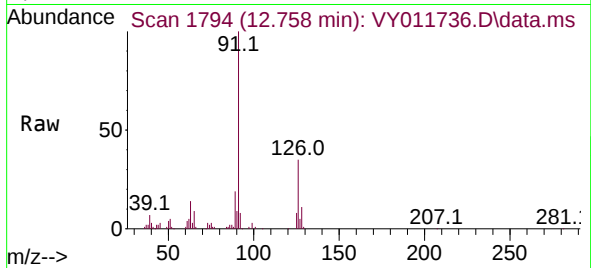




#79
2-Chlorotoluene
Concen: 5.293 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

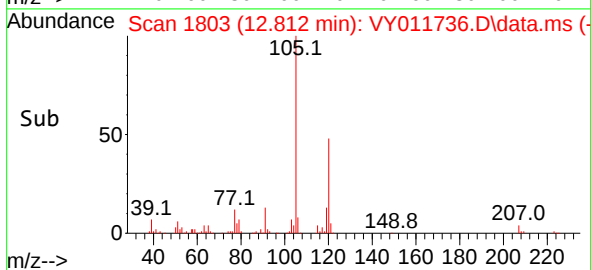
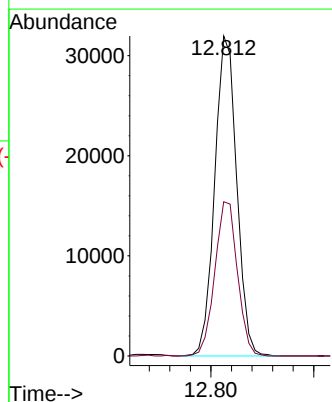
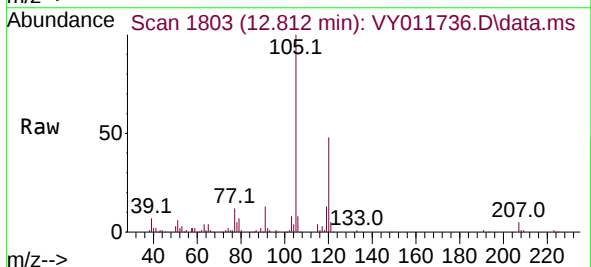
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

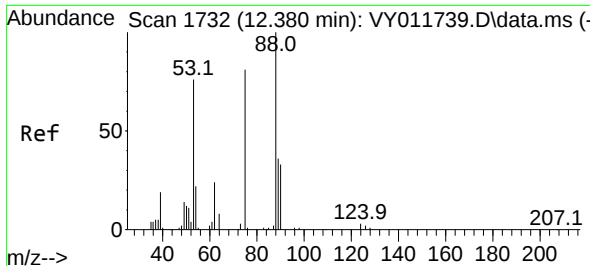
Tgt Ion: 91 Resp: 39011
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 5.200 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 105 Resp: 47365
Ion Ratio Lower Upper
105 100
120 49.7 24.2 72.6

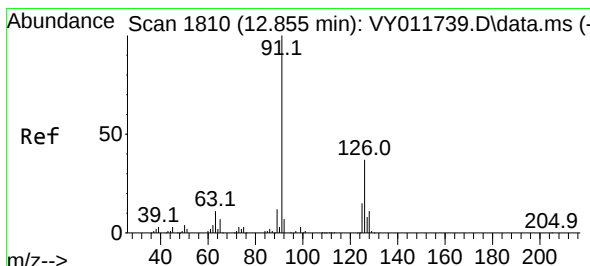
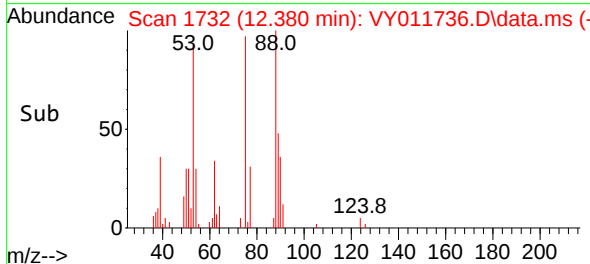
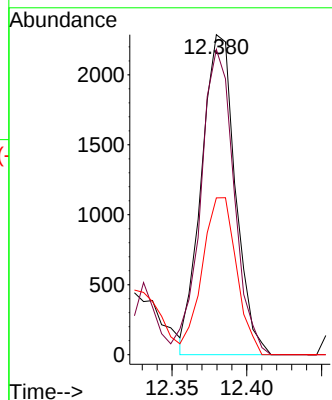
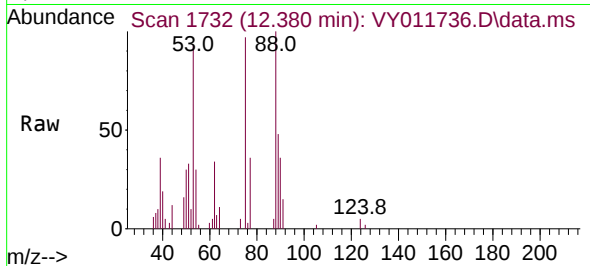




#81
trans-1,4-Dichloro-2-butene
Concen: 4.854 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

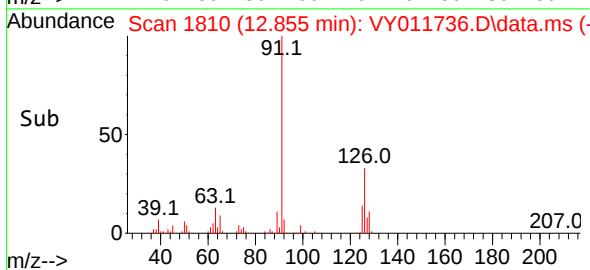
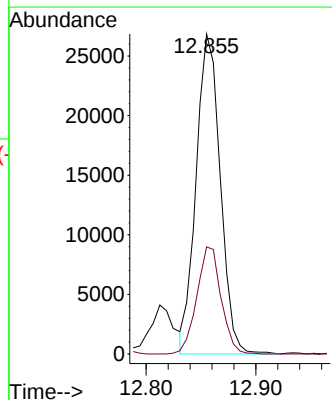
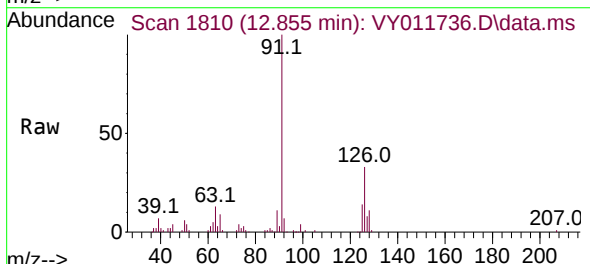
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

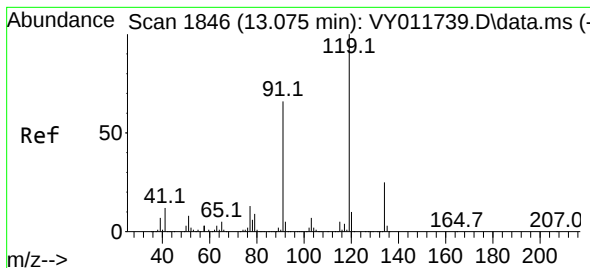
Tgt Ion: 75 Resp: 3599
Ion Ratio Lower Upper
75 100
53 93.9 72.5 108.7
89 49.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 5.380 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 91 Resp: 41122
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 5.126 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

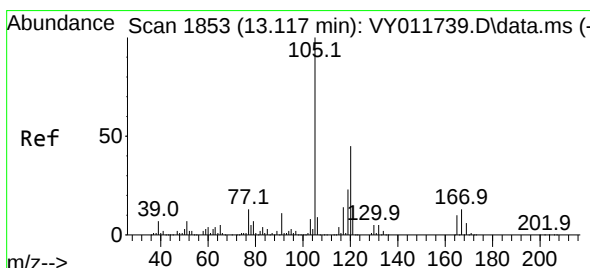
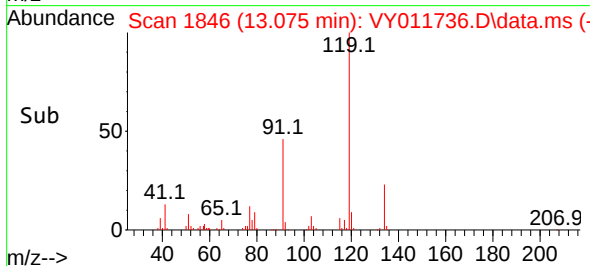
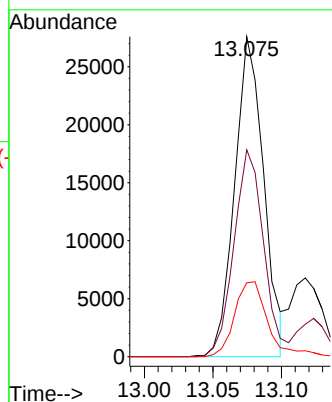
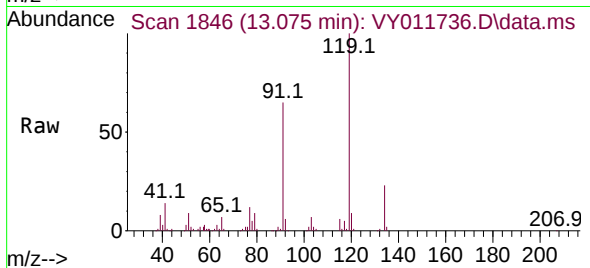
Tgt Ion:119 Resp: 40655

Ion Ratio Lower Upper

119 100

91 66.4 32.3 96.8

134 26.9 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 5.227 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY011736.D

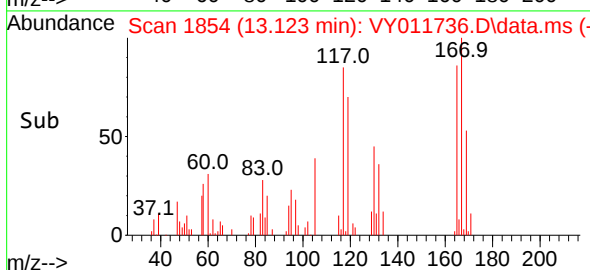
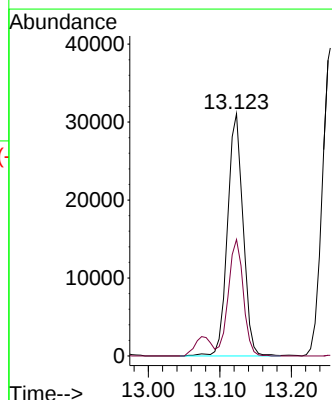
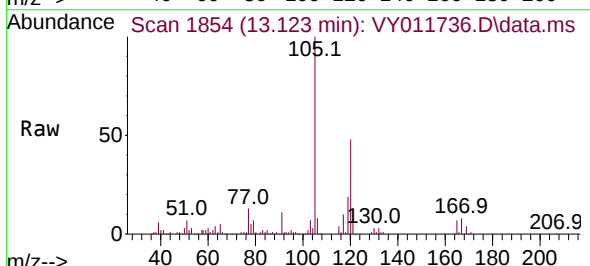
Acq: 09 Dec 2022 10:29

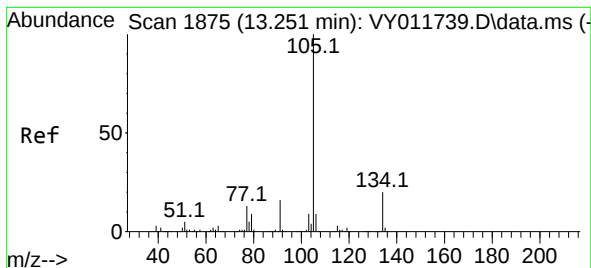
Tgt Ion:105 Resp: 46878

Ion Ratio Lower Upper

105 100

120 46.3 22.9 68.7





#85

sec-Butylbenzene

Concen: 5.291 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

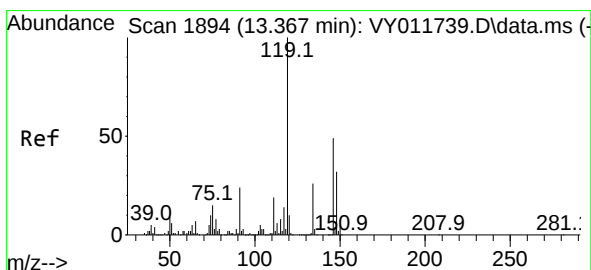
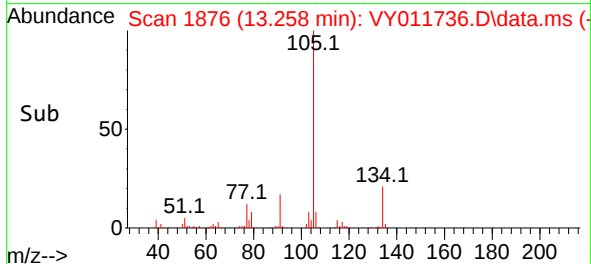
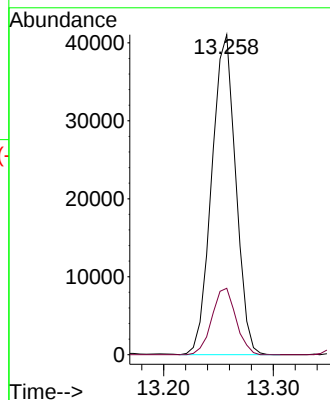
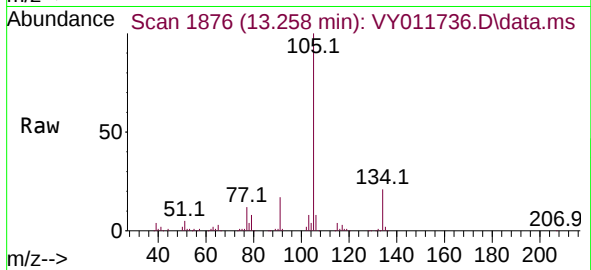
VSTDIC005

Tgt Ion:105 Resp: 62491

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.3



#86

p-Isopropyltoluene

Concen: 5.217 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

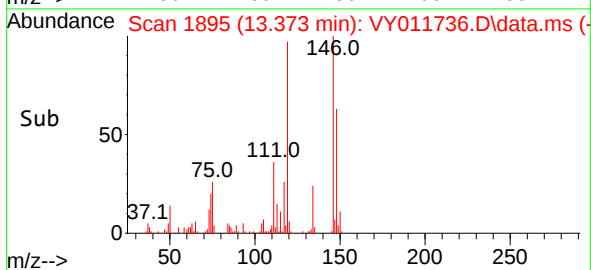
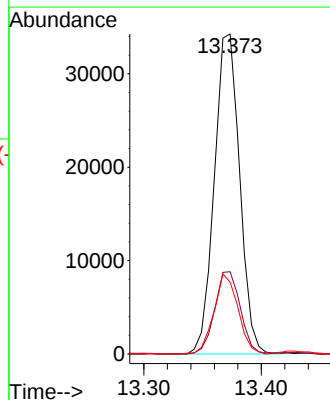
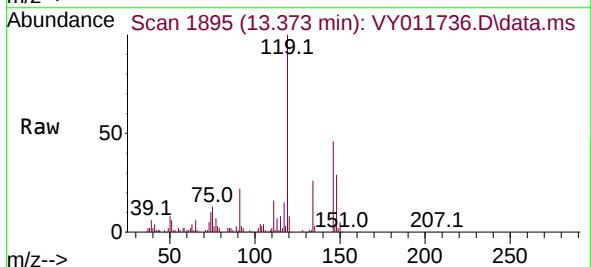
Tgt Ion:119 Resp: 51283

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 5.445 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

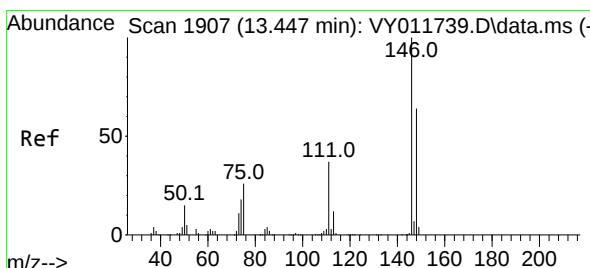
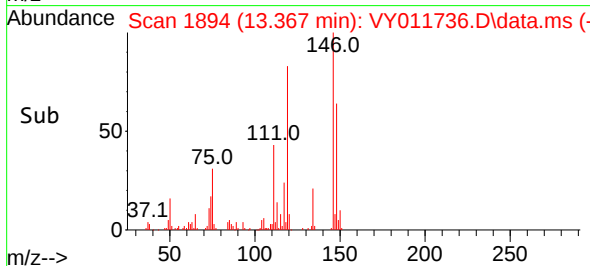
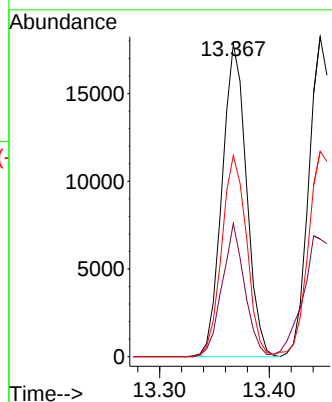
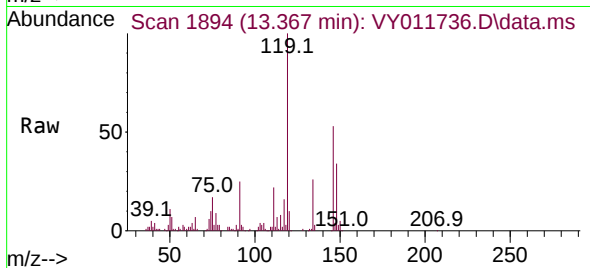
Tgt Ion:146 Resp: 27566

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 65.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 5.681 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

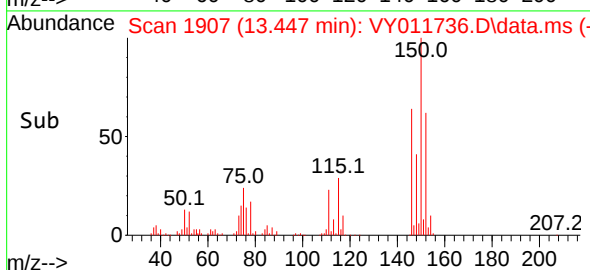
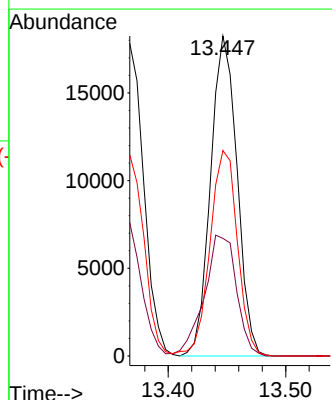
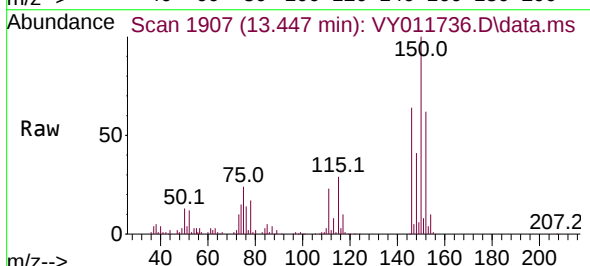
Tgt Ion:146 Resp: 28588

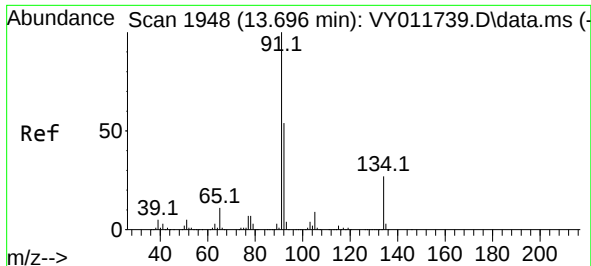
Ion Ratio Lower Upper

146 100

111 46.0 19.6 58.7

148 66.7 31.9 95.7





#89

n-Butylbenzene

Concen: 5.246 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

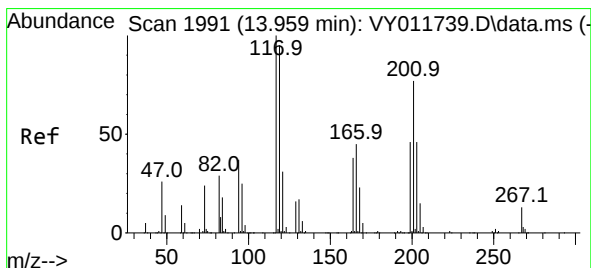
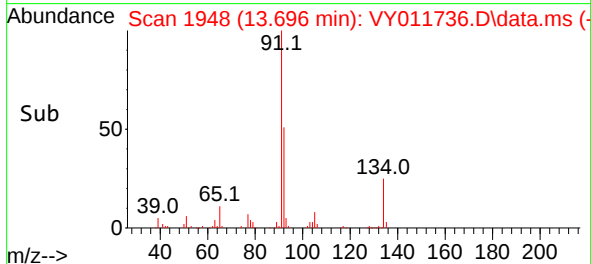
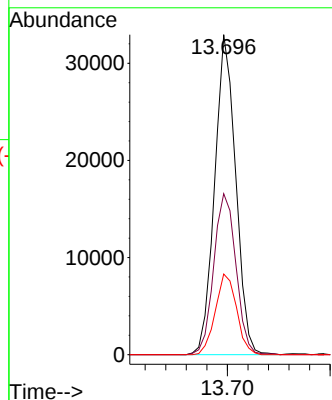
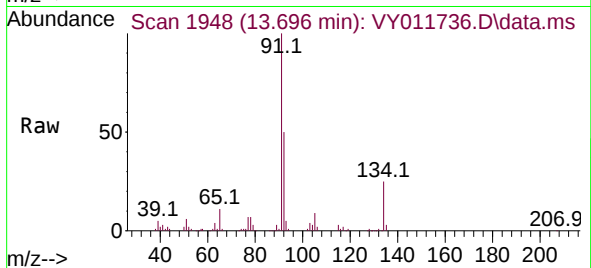
Tgt Ion: 91 Resp: 46883

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 25.4 13.3 39.8



#90

Hexachloroethane

Concen: 5.737 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY011736.D

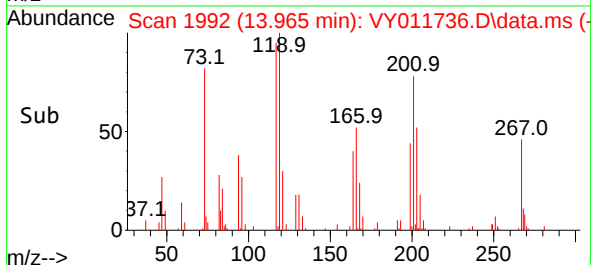
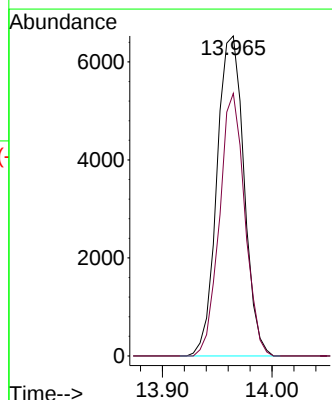
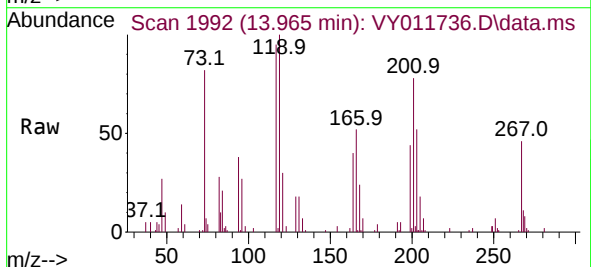
Acq: 09 Dec 2022 10:29

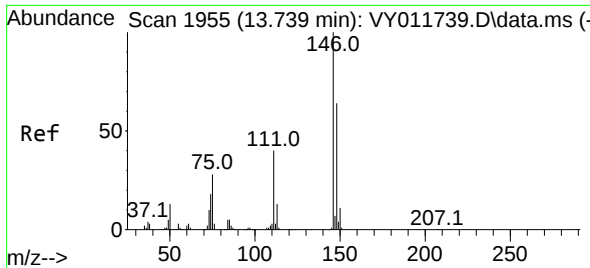
Tgt Ion: 117 Resp: 11206

Ion Ratio Lower Upper

117 100

201 76.7 40.3 120.8

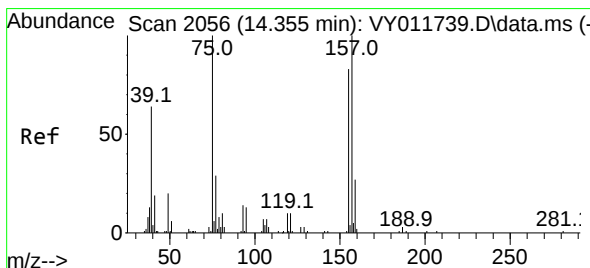
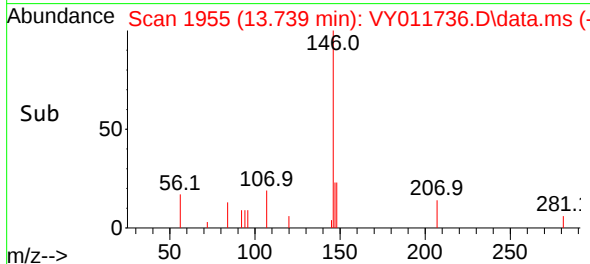
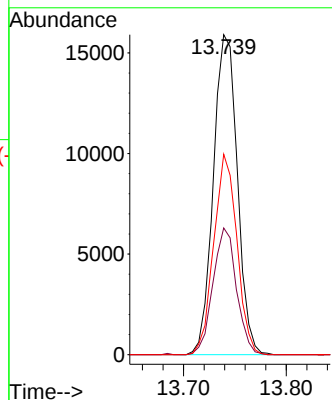
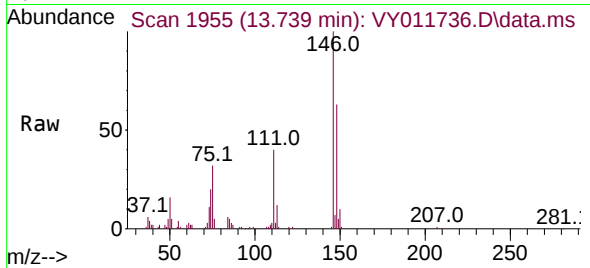




#91
1,2-Dichlorobenzene
Concen: 5.656 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

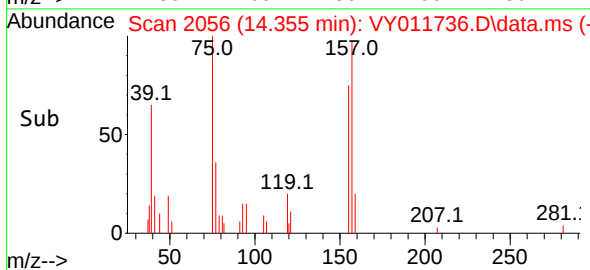
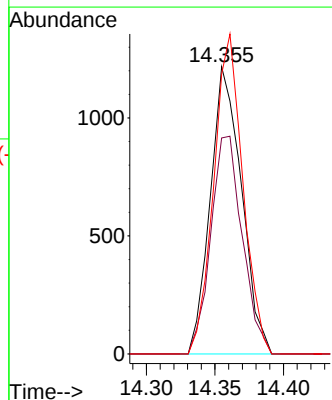
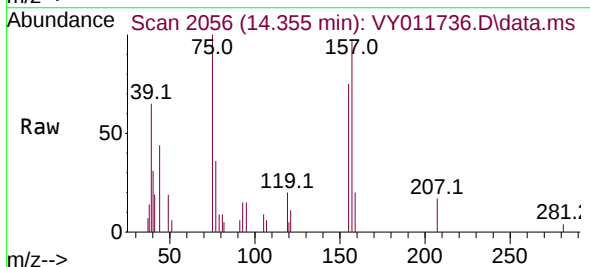
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

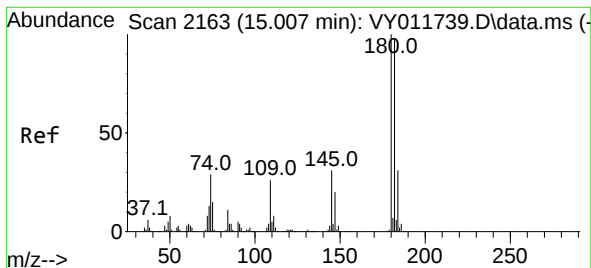
Tgt Ion:146	Resp:	25771
Ion	Ratio	Lower Upper
146	100	
111	38.8	20.3 60.8
148	60.5	31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.264 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion: 75	Resp:	1926
Ion	Ratio	Lower Upper
75	100	
155	76.5	42.3 126.8
157	103.8	54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 5.084 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

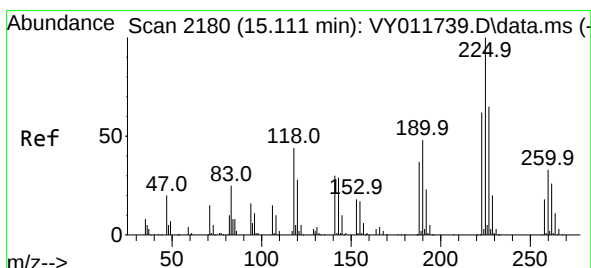
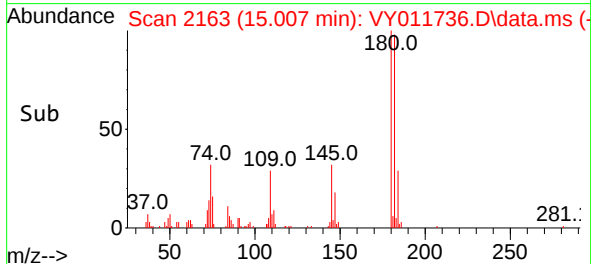
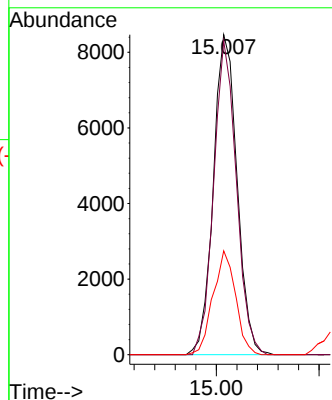
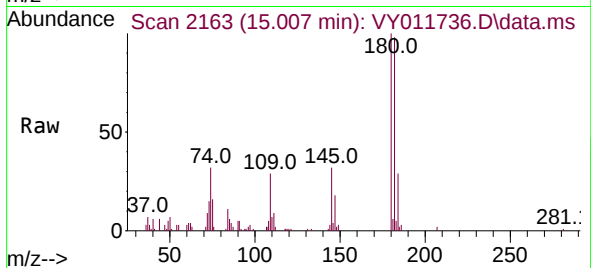
Tgt Ion:180 Resp: 13510

Ion Ratio Lower Upper

180 100

182 94.0 48.1 144.3

145 31.0 15.4 46.4



#94

Hexachlorobutadiene

Concen: 5.719 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY011736.D

Acq: 09 Dec 2022 10:29

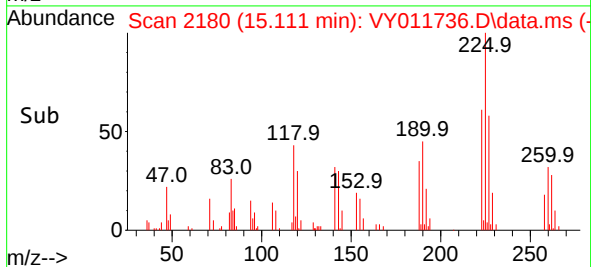
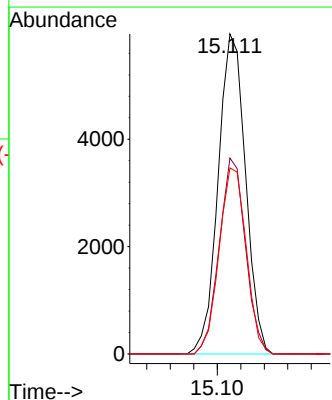
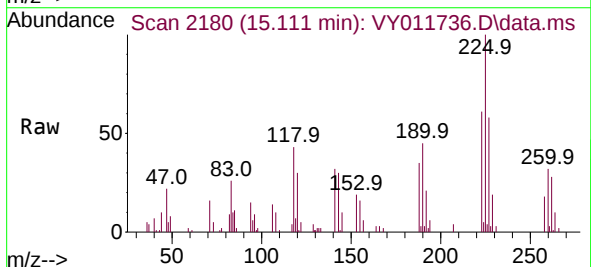
Tgt Ion:225 Resp: 9656

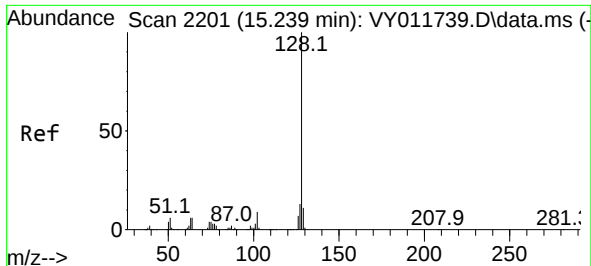
Ion Ratio Lower Upper

225 100

223 58.6 31.4 94.2

227 57.6 32.6 97.8

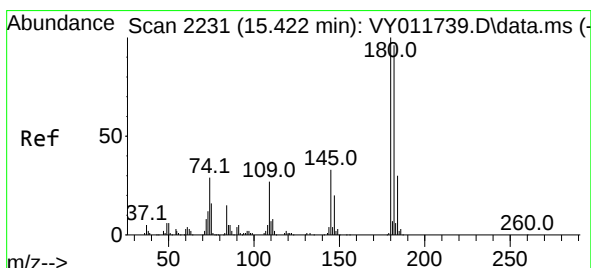
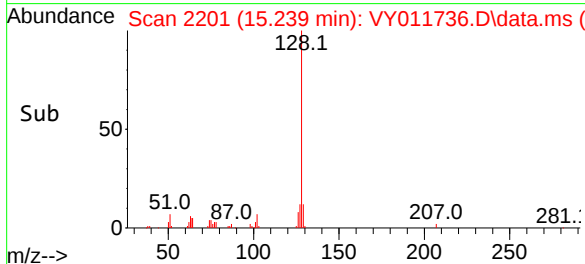
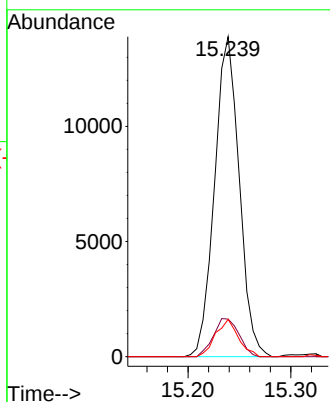
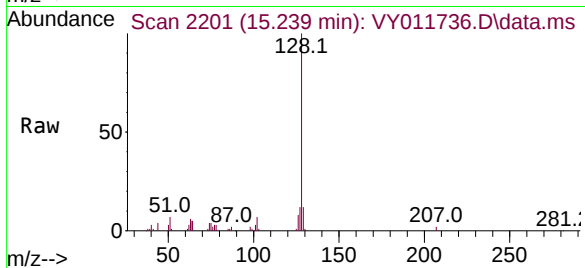




#95
Naphthalene
Concen: 4.492 ug/l
RT: 15.239 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	23118
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 5.186 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY011736.D
Acq: 09 Dec 2022 10:29

Tgt Ion:	180	Resp:	11903
Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.9	143.7
145	31.2	16.1	48.2

