

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009983.D
 Acq On : 12 Aug 2022 13:25
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 13 02:20:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:18:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	90742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	162616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4956	5.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.700%#
35) Dibromofluoromethane	7.710	113	4924	4.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.880%#
50) Toluene-d8	10.173	98	17787	4.625	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.260%#
62) 4-Bromofluorobenzene	12.483	95	7233	5.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	4840	6.006	ug/l	98
3) Chloromethane	2.107	50	3010	4.934	ug/l	96
4) Vinyl Chloride	2.241	62	3046	4.688	ug/l #	86
5) Bromomethane	2.637	94	3338	6.537	ug/l	92
6) Chloroethane	2.784	64	2487	5.849	ug/l	97
7) Trichlorofluoromethane	3.113	101	8996	5.791	ug/l	95
8) Diethyl Ether	3.515	74	3091	5.128	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	5368	5.302	ug/l	95
10) Methyl Iodide	4.082	142	5419	4.536	ug/l	92
11) Tert butyl alcohol	4.942	59	3595	35.977	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	5138	5.259	ug/l	87
13) Acrolein	3.716	56	3333	28.035	ug/l	97
14) Allyl chloride	4.466	41	7827	5.797	ug/l	91
15) Acrylonitrile	5.155	53	7487	26.268	ug/l	99
16) Acetone	3.942	43	6910	30.835	ug/l #	85
17) Carbon Disulfide	4.180	76	16212	5.059	ug/l #	94
18) Methyl Acetate	4.472	43	5094	7.143	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	11736	4.906	ug/l	92
20) Methylene Chloride	4.698	84	12704	8.835	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	5627	5.186	ug/l	97
22) Diisopropyl ether	6.106	45	14557	5.277	ug/l	96
23) Vinyl Acetate	6.051	43	39157	22.873	ug/l	98
24) 1,1-Dichloroethane	5.997	63	9741	5.577	ug/l #	93
25) 2-Butanone	6.978	43	10643	31.012	ug/l	94
26) 2,2-Dichloropropane	6.972	77	9195	5.910	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	5920	5.067	ug/l	90
28) Bromochloromethane	7.326	49	3871	5.536	ug/l #	93
29) Tetrahydrofuran	7.338	42	5836	26.543	ug/l	97
30) Chloroform	7.496	83	9317	5.077	ug/l	98
31) Cyclohexane	7.777	56	9627	5.834	ug/l #	60
32) 1,1,1-Trichloroethane	7.691	97	7721	4.949	ug/l	96
36) 1,1-Dichloropropene	7.905	75	7539	5.046	ug/l	94
37) Ethyl Acetate	7.069	43	4346	5.454	ug/l	98
38) Carbon Tetrachloride	7.893	117	6683	4.453	ug/l	97
39) Methylcyclohexane	9.179	83	7956	4.424	ug/l	95
40) Benzene	8.155	78	22208	4.891	ug/l	96

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Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

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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	7.326	41	5261	5.568	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	5710	4.868	ug/l	96
43) Isopropyl Acetate	8.271	43	7255	5.212	ug/l	96
44) Trichloroethene	8.935	130	5990	4.910	ug/l	97
45) 1,2-Dichloropropane	9.215	63	5475	5.079	ug/l	93
46) Dibromomethane	9.301	93	3097	4.750	ug/l	96
47) Bromodichloromethane	9.490	83	6805	4.691	ug/l	96
48) Methyl methacrylate	9.289	41	3023	4.966	ug/l	94
49) 1,4-Dioxane	9.295	88	462	60.756	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	18015	23.758	ug/l	98
52) Toluene	10.240	92	12250	4.499	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	6898	4.618	ug/l	93
54) cis-1,3-Dichloropropene	9.923	75	7748	4.498	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	4382	4.702	ug/l	94
56) Ethyl methacrylate	10.508	69	4635	4.007	ug/l	95
57) 1,3-Dichloropropane	10.788	76	7097	4.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	12264	24.535	ug/l	100
59) 2-Hexanone	10.831	43	11699	22.182	ug/l	100
60) Dibromochloromethane	10.983	129	4747	4.420	ug/l	95
61) 1,2-Dibromoethane	11.087	107	4238	4.748	ug/l	95
64) Tetrachloroethene	10.715	164	5164	4.998	ug/l	91
65) Chlorobenzene	11.514	112	14584	4.945	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	4904	4.629	ug/l	95
67) Ethyl Benzene	11.587	91	22513	4.529	ug/l	98
68) m/p-Xylenes	11.697	106	16758	8.868	ug/l	95
69) o-Xylene	12.026	106	9143	5.109	ug/l	96
70) Styrene	12.044	104	14608	4.786	ug/l	96
71) Bromoform	12.209	173	3495	5.520	ug/l #	99
73) Isopropylbenzene	12.325	105	23115	4.567	ug/l	98
74) N-amyl acetate	12.142	43	5902	4.460	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	6282	5.382	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	7541	5.410	ug/l #	100
77) Bromobenzene	12.605	156	5909	4.720	ug/l	84
78) n-propylbenzene	12.666	91	28922	4.416	ug/l	98
79) 2-Chlorotoluene	12.751	91	15294	4.027	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	15960	3.709	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	1786	4.350	ug/l	99
82) 4-Chlorotoluene	12.849	91	15456	3.971	ug/l	97
83) tert-Butylbenzene	13.075	119	14549	3.919	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	15896	3.749	ug/l	98
85) sec-Butylbenzene	13.251	105	23976	4.250	ug/l	99
86) p-Isopropyltoluene	13.367	119	16895	3.746	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	10476	4.210	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	12892	5.084	ug/l	94
89) n-Butylbenzene	13.696	91	17334	3.993	ug/l	95
90) Hexachloroethane	13.959	117	4333	4.499	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	9612	4.295	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	979	5.398	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	4750	3.687	ug/l	97
94) Hexachlorobutadiene	15.111	225	3035	4.232	ug/l	98
95) Naphthalene	15.239	128	9097	3.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	4268	3.733	ug/l	100

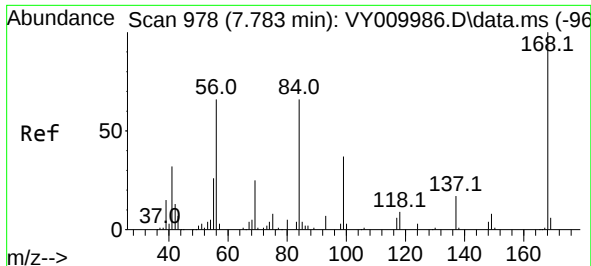
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
Data File : VY009983.D
Acq On : 12 Aug 2022 13:25
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:18:47 2022
Response via : Initial Calibration

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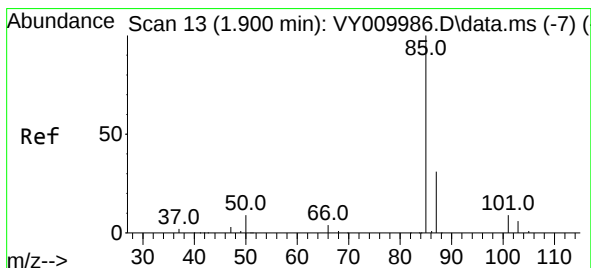
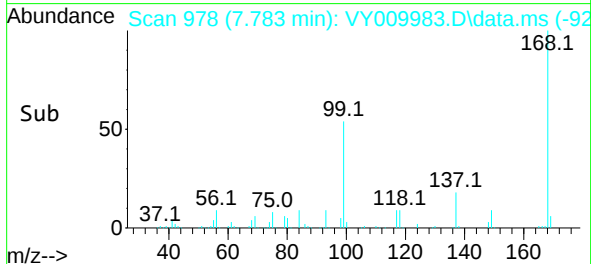
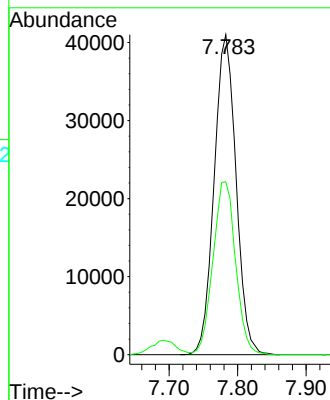
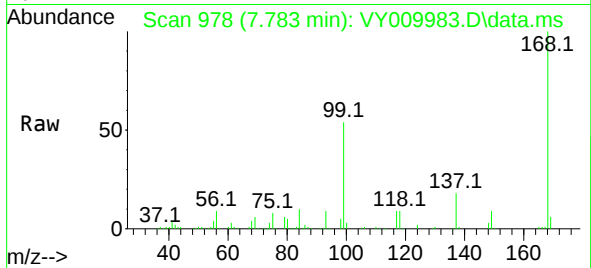
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

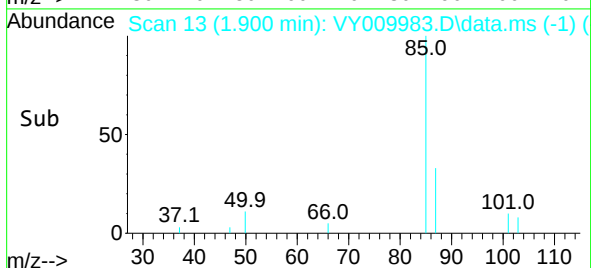
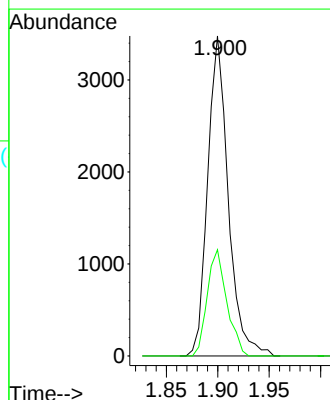
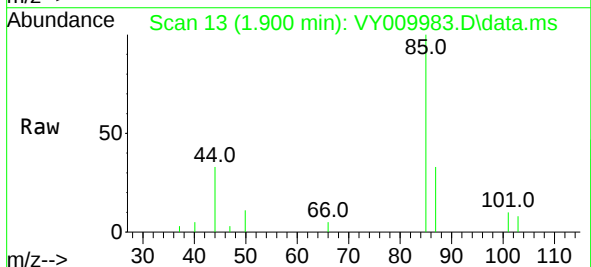
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

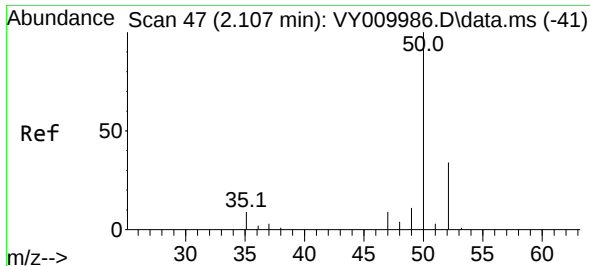
Tgt Ion:168 Resp: 90742
Ion Ratio Lower Upper
168 100
99 54.1 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 6.006 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 85 Resp: 4840
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.5

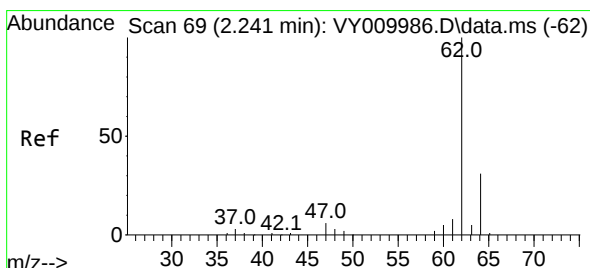
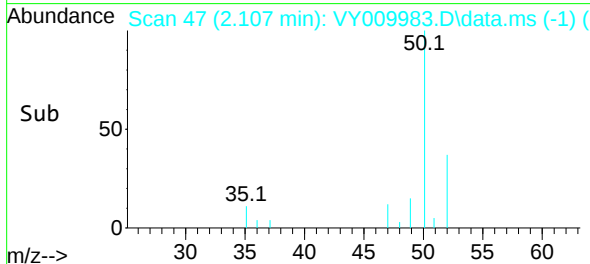
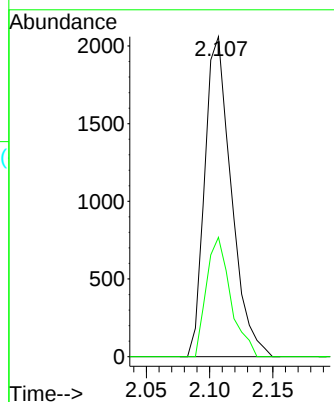
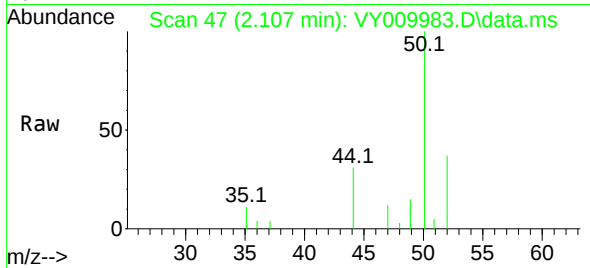




#3
Chloromethane
Concen: 4.934 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

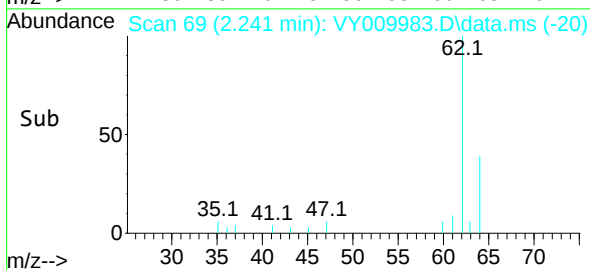
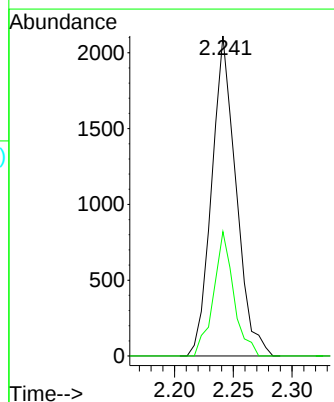
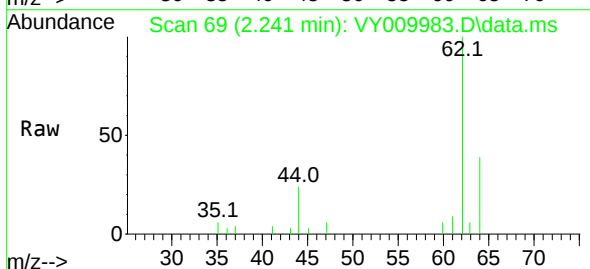
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

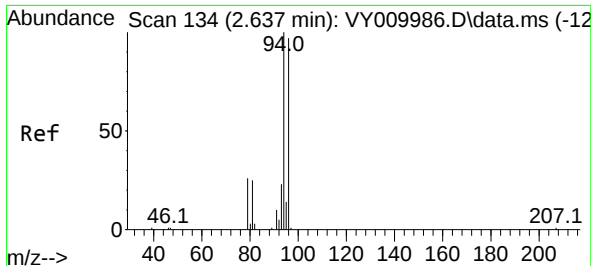
Tgt Ion: 50 Resp: 3010
Ion Ratio Lower Upper
50 100
52 37.3 27.9 41.9



#4
Vinyl Chloride
Concen: 4.688 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 62 Resp: 3046
Ion Ratio Lower Upper
62 100
64 38.8 25.0 37.4#

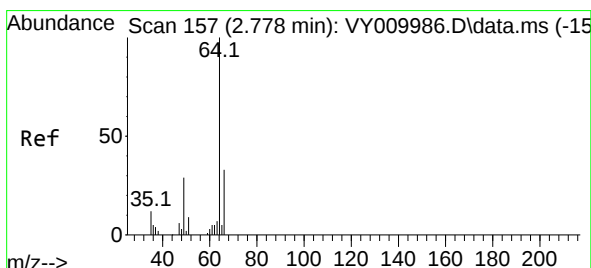
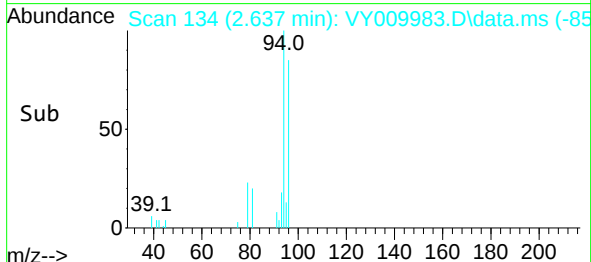
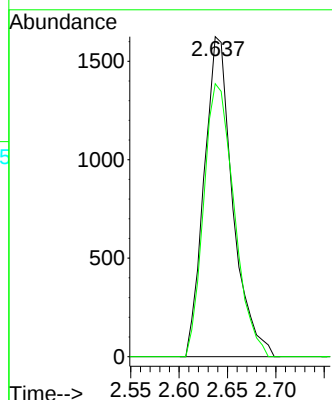
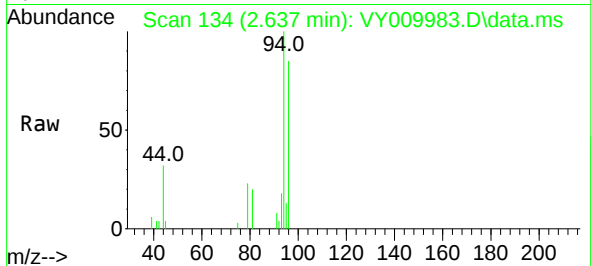




#5
Bromomethane
Concen: 6.537 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

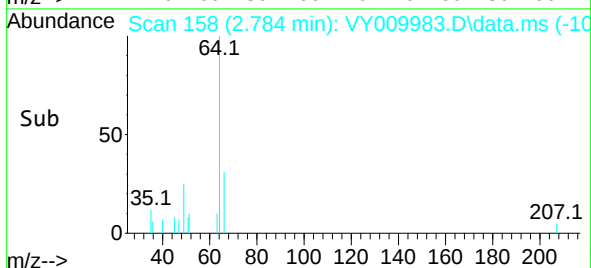
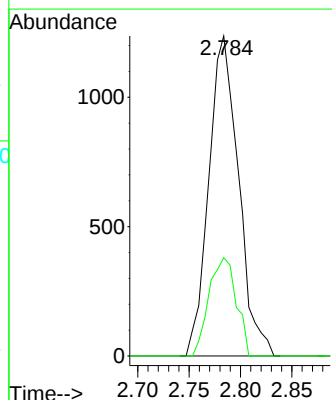
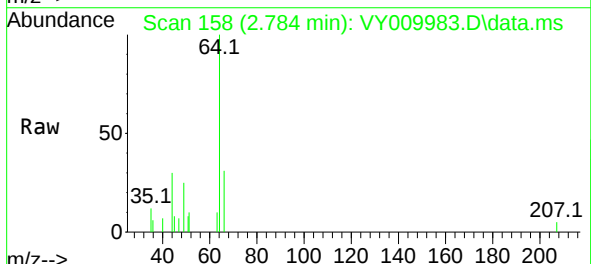
Instrument :
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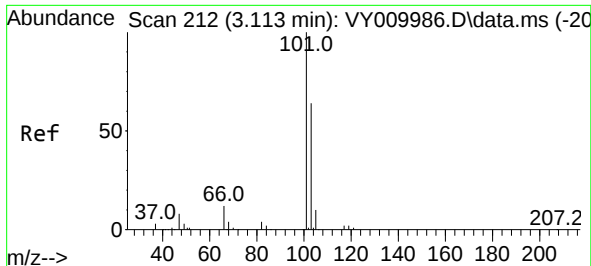
Tgt Ion: 94 Resp: 3338
Ion Ratio Lower Upper
94 100
96 85.3 74.6 111.8



#6
Chloroethane
Concen: 5.849 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 64 Resp: 2487
Ion Ratio Lower Upper
64 100
66 30.7 25.8 38.8

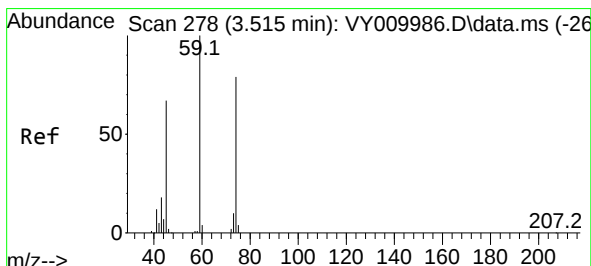
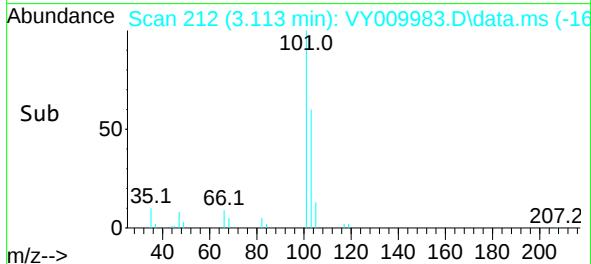
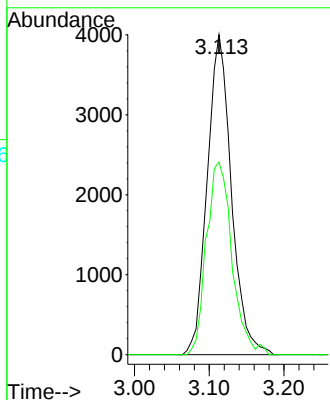
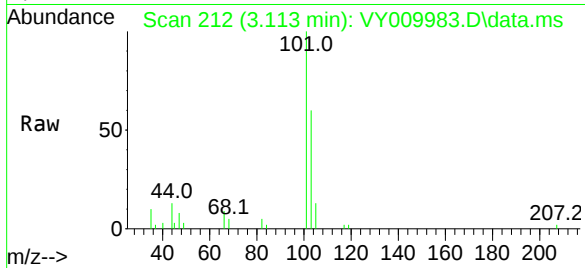




#7
 Trichlorofluoromethane
 Concen: 5.791 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY009983.D
 Acq: 12 Aug 2022 13:25

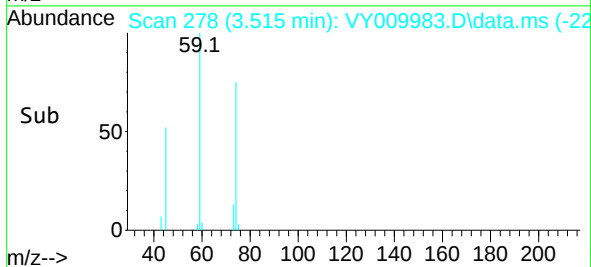
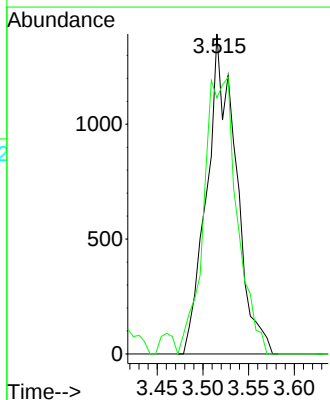
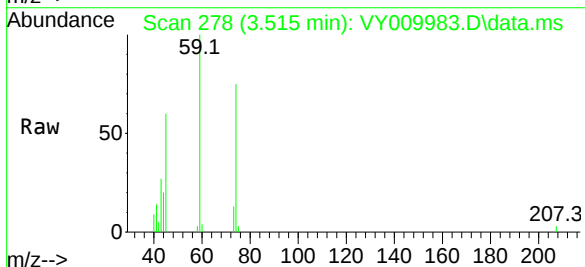
Instrument :
 MSVOA_Y
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 VSTDIC005

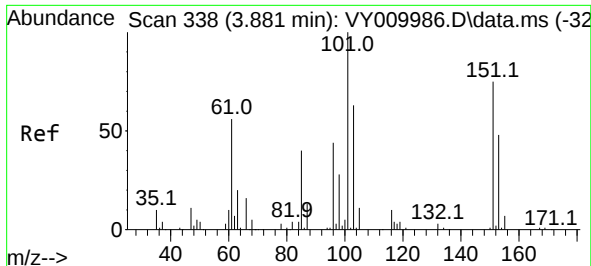
Tgt Ion:101 Resp: 8996
 Ion Ratio Lower Upper
 101 100
 103 60.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 5.128 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY009983.D
 Acq: 12 Aug 2022 13:25

Tgt Ion: 74 Resp: 3091
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.1 147.4

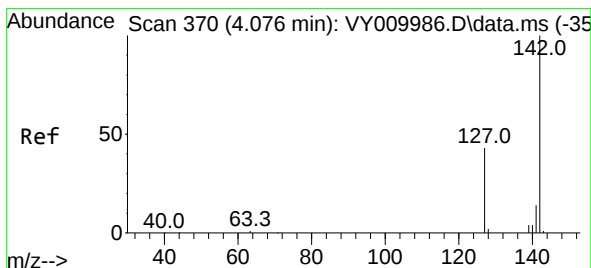
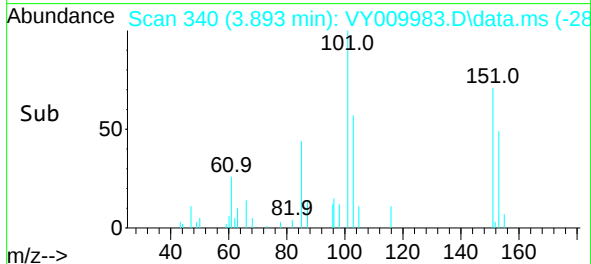
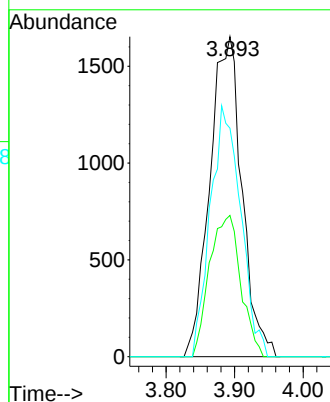
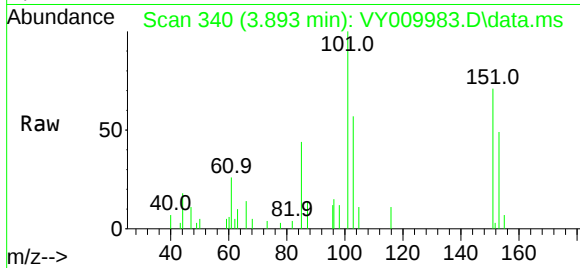




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.302 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY009983.D
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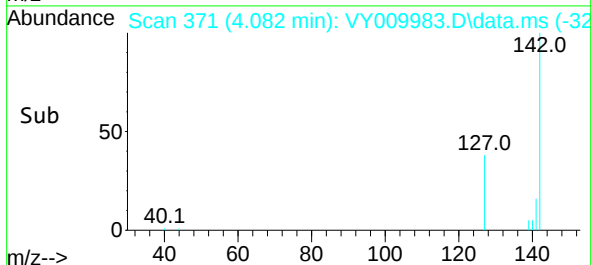
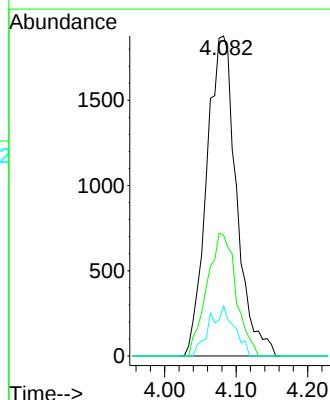
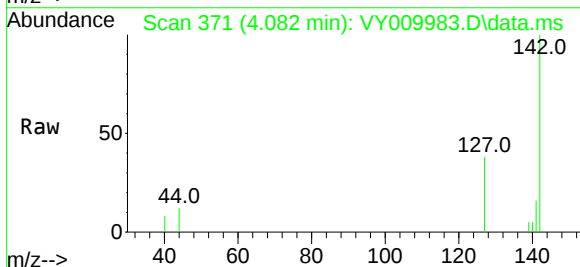
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

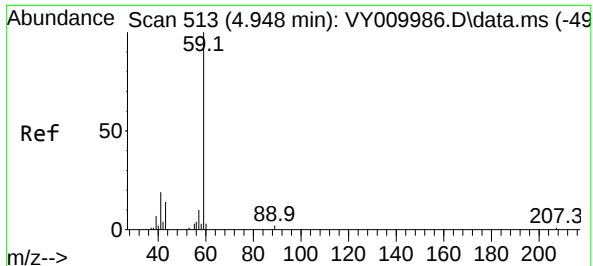
Tgt Ion:101 Resp: 5368
Ion Ratio Lower Upper
101 100
85 43.0 36.2 54.2
151 74.2 63.6 95.4



#10
Methyl Iodide
Concen: 4.536 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion:142 Resp: 5419
Ion Ratio Lower Upper
142 100
127 37.5 35.2 52.8
141 13.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 35.977 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

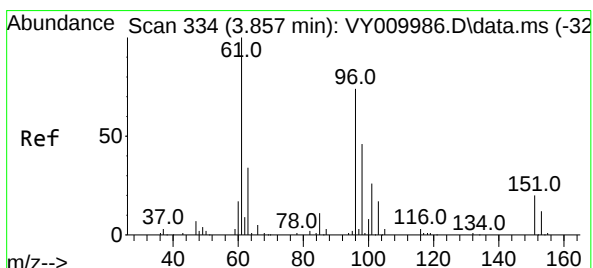
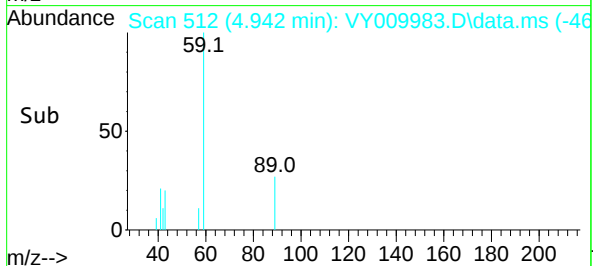
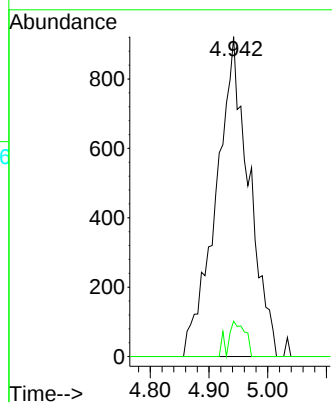
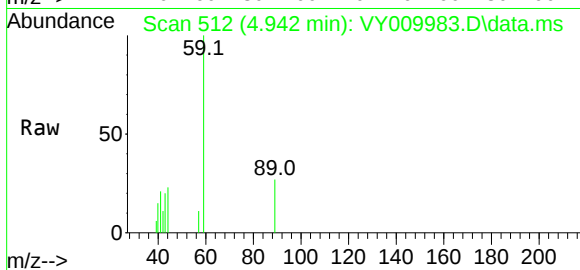
VSTDIC005

Tgt Ion: 59 Resp: 3595

Ion Ratio Lower Upper

59 100

57 5.7 6.3 9.5#



#12

1,1-Dichloroethene

Concen: 5.259 ug/l

RT: 3.857 min Scan# 334

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

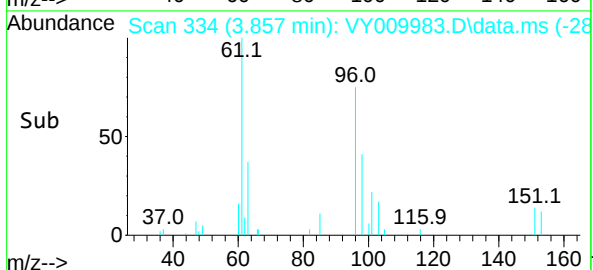
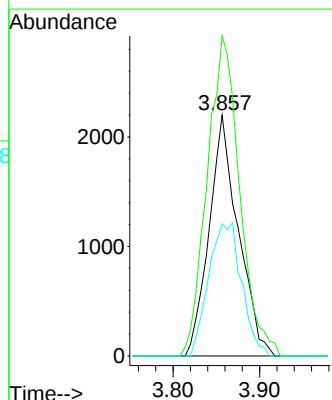
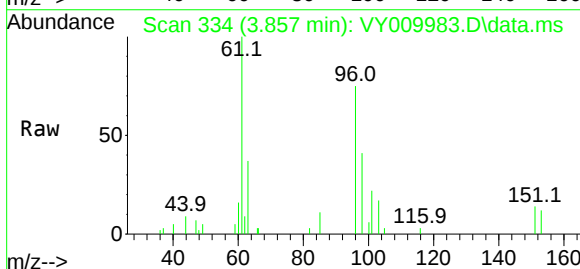
Tgt Ion: 96 Resp: 5138

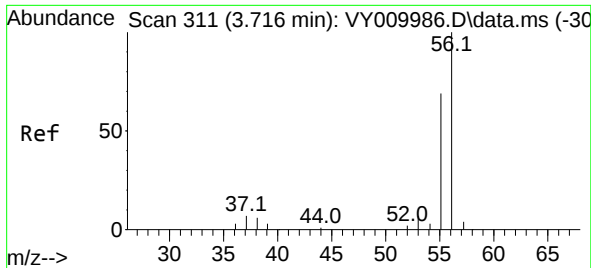
Ion Ratio Lower Upper

96 100

61 132.9 121.9 182.9

98 55.0 48.2 72.4





#13

Acrolein

Concen: 28.035 ug/l

RT: 3.716 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

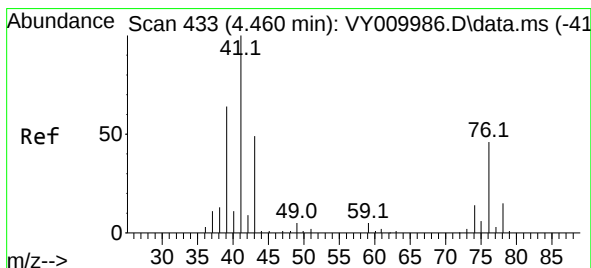
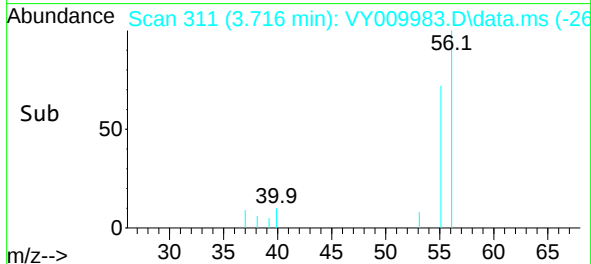
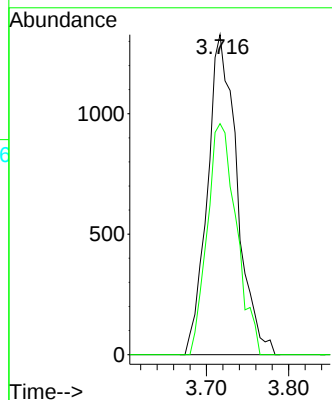
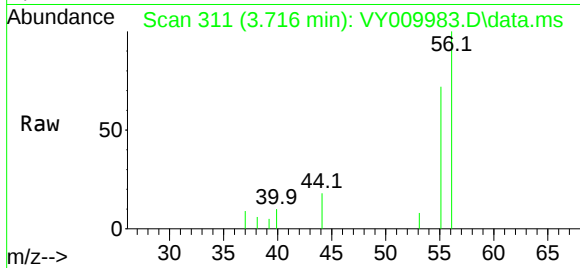
VSTDIC005

Tgt Ion: 56 Resp: 3333

Ion Ratio Lower Upper

56 100

55 70.8 54.8 82.2



#14

Allyl chloride

Concen: 5.797 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

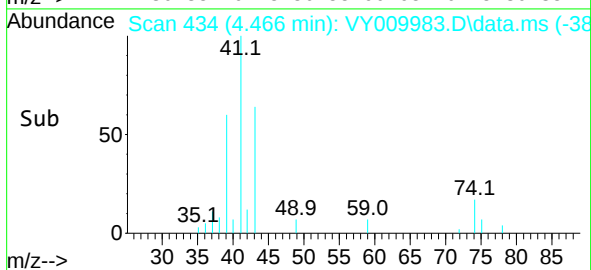
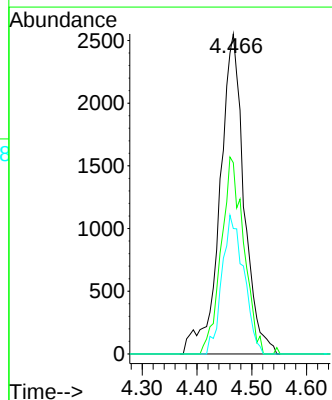
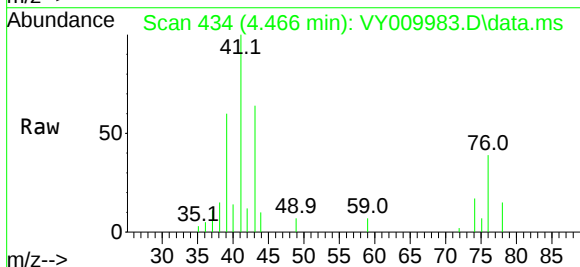
Tgt Ion: 41 Resp: 7827

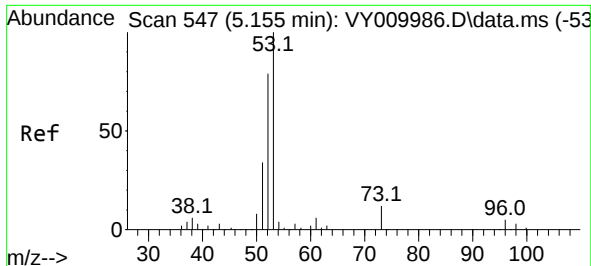
Ion Ratio Lower Upper

41 100

39 57.5 53.5 80.3

76 39.1 29.4 44.0

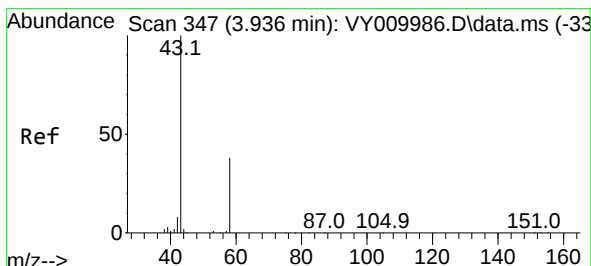
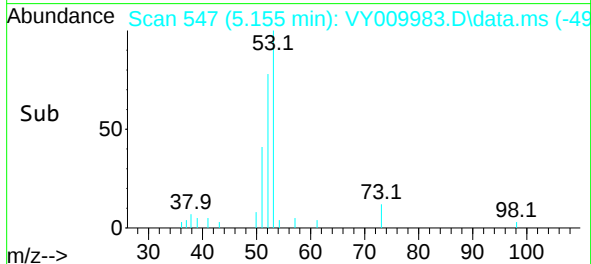
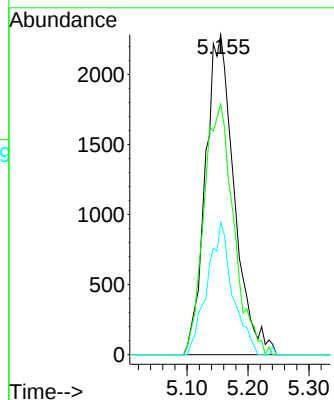
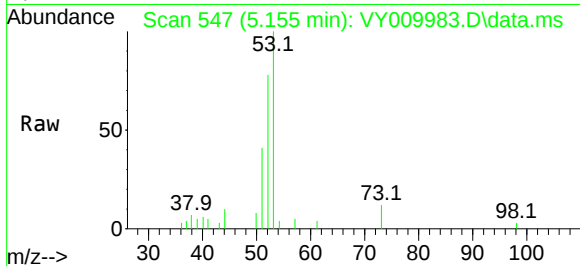




#15
Acrylonitrile
Concen: 26.268 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

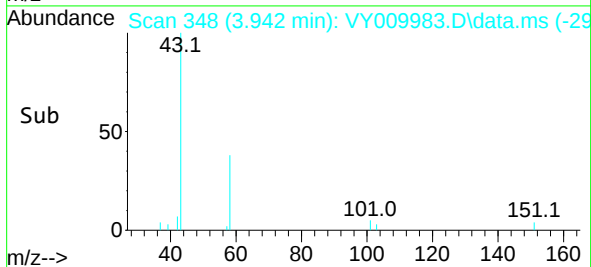
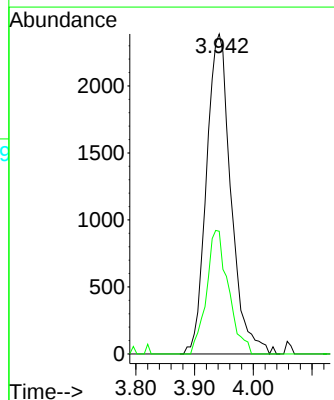
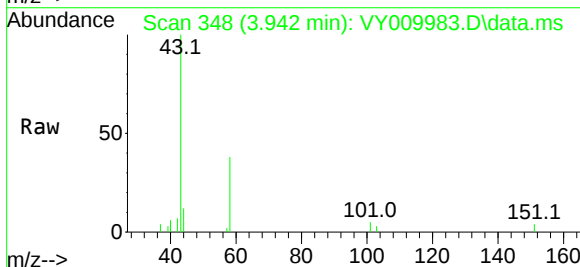
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

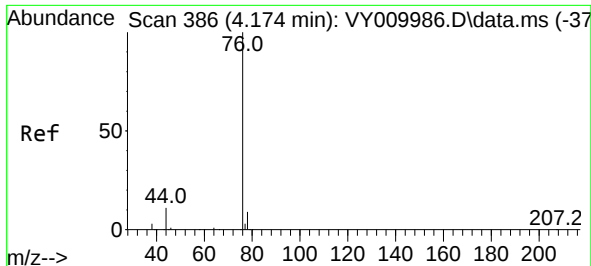
Tgt Ion: 53	Resp: 7487
Ion Ratio	Lower Upper
53 100	
52 81.0	65.4 98.2
51 36.4	28.4 42.6



#16
Acetone
Concen: 30.835 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 43	Resp: 6910		
Ion Ratio	Lower	Upper	
43 100			
58 38.4	24.0	36.0#	

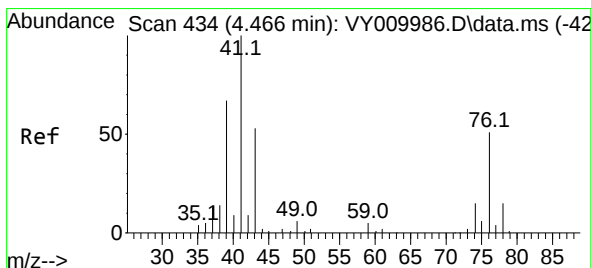
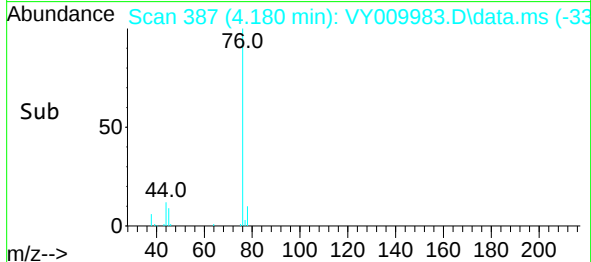
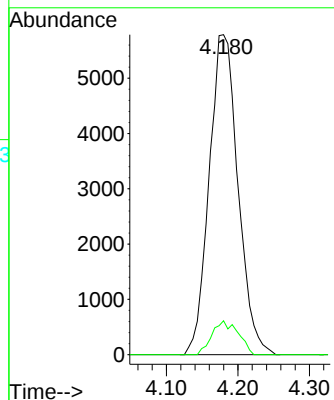
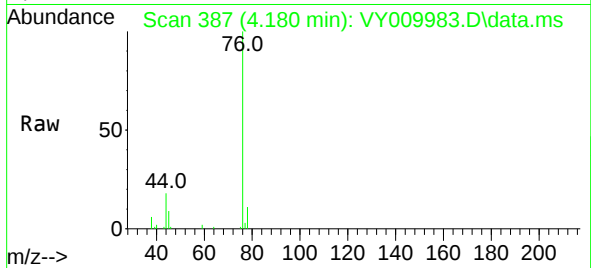




#17
Carbon Disulfide
Concen: 5.059 ug/l
RT: 4.180 min Scan# 386
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

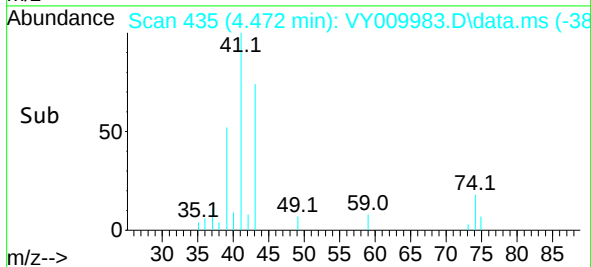
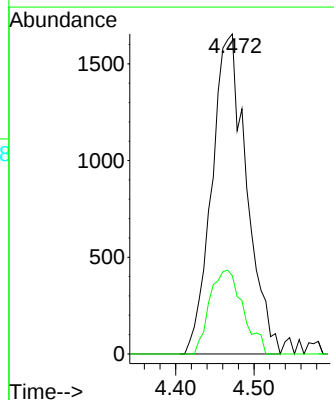
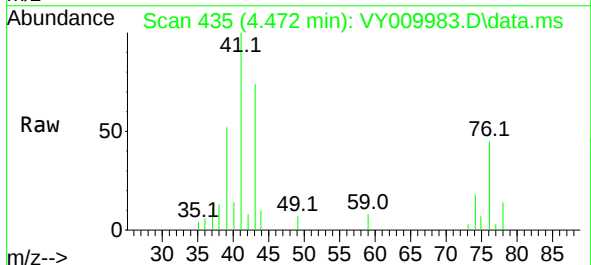
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

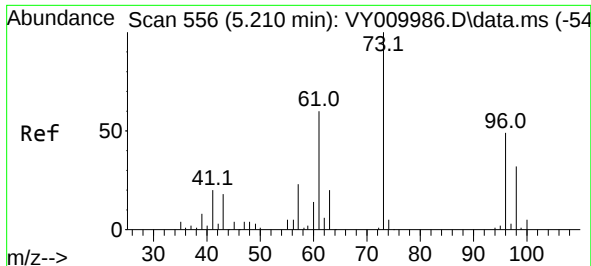
Tgt Ion: 76 Resp: 16212
Ion Ratio Lower Upper
76 100
78 10.6 6.8 10.2#



#18
Methyl Acetate
Concen: 7.143 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 43 Resp: 5094
Ion Ratio Lower Upper
43 100
74 25.0 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 4.906 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

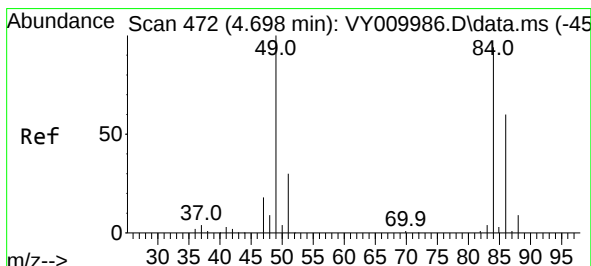
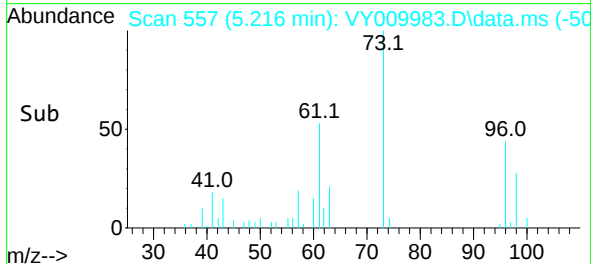
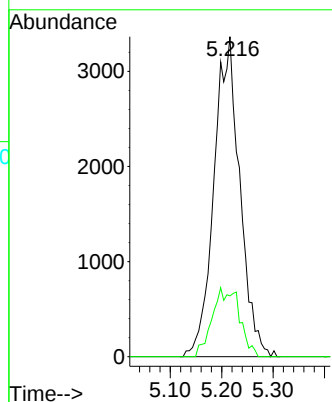
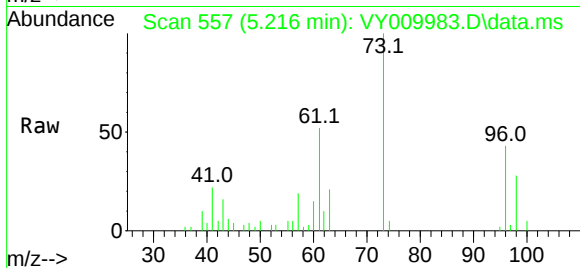
VSTDIC005

Tgt Ion: 73 Resp: 11736

Ion Ratio Lower Upper

73 100

57 19.0 18.5 27.7



#20

Methylene Chloride

Concen: 8.835 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Tgt Ion: 84 Resp: 12704

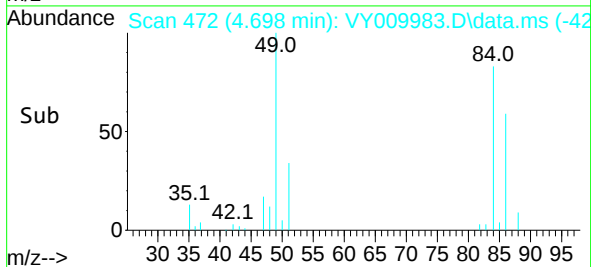
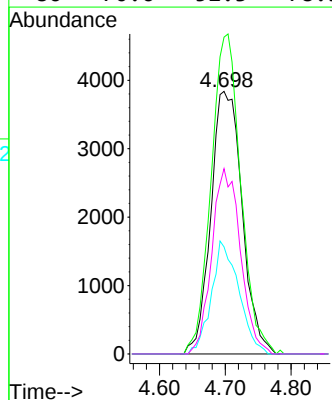
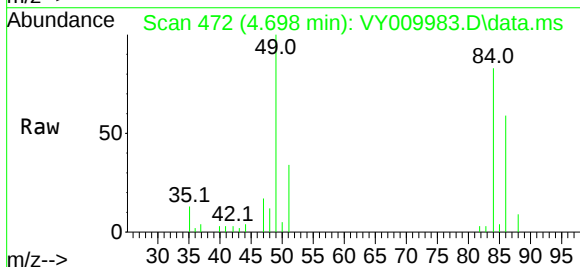
Ion Ratio Lower Upper

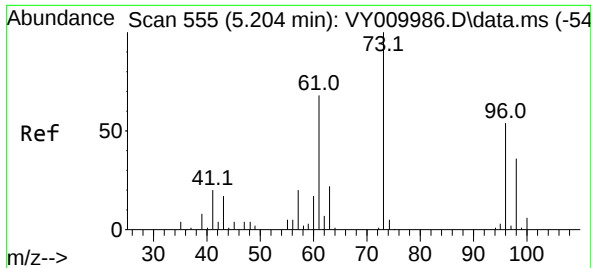
84 100

49 120.7 98.2 147.4

51 40.8 33.4 50.0

86 70.6 52.3 78.5

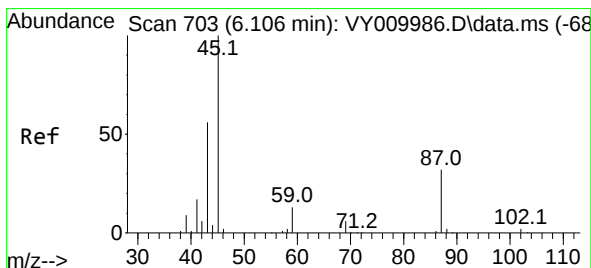
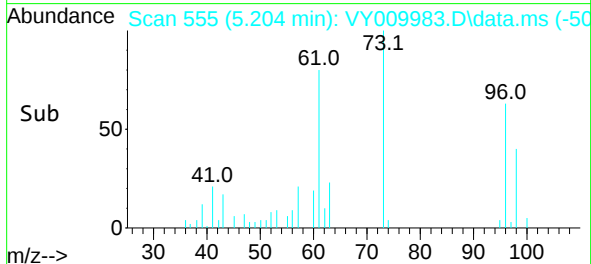
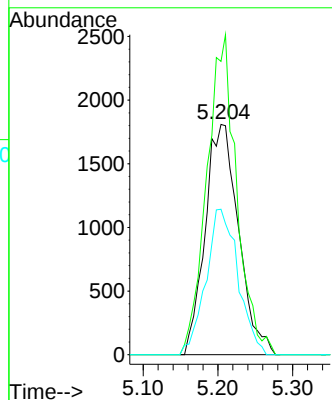
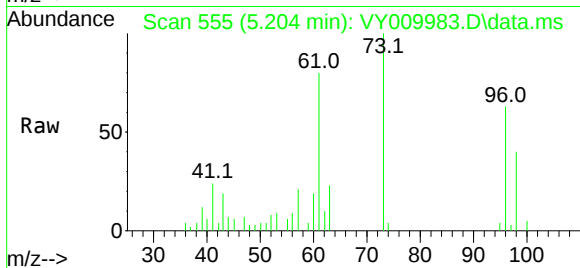




#21
trans-1,2-Dichloroethene
Concen: 5.186 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

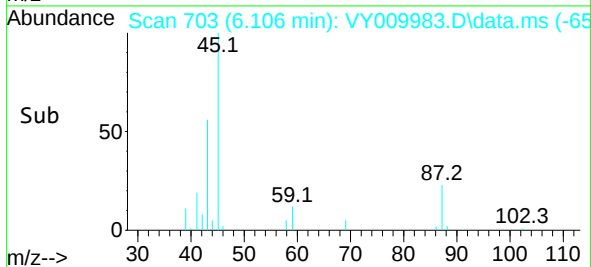
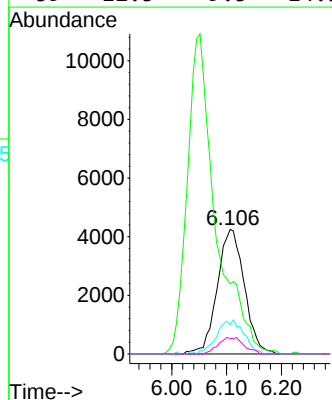
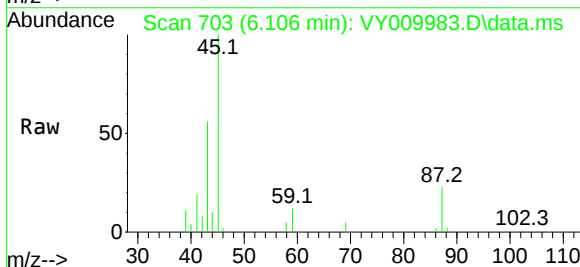
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

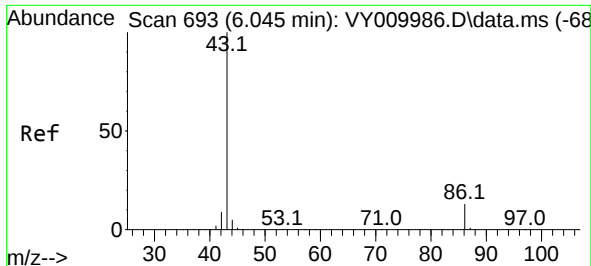
Tgt Ion: 96 Resp: 5627
Ion Ratio Lower Upper
96 100
61 127.4 105.8 158.6
98 63.2 49.7 74.5



#22
Diisopropyl ether
Concen: 5.277 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 45 Resp: 14557
Ion Ratio Lower Upper
45 100
43 56.3 43.7 65.5
87 23.5 22.2 33.4
59 12.5 9.5 14.3

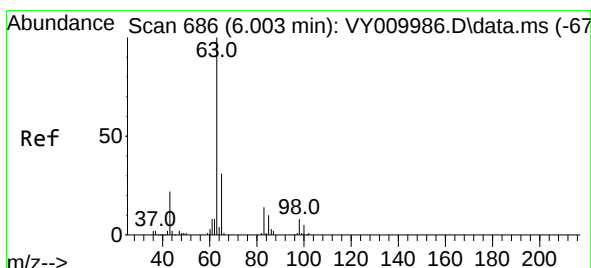
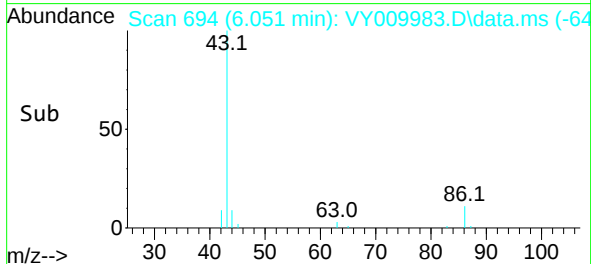
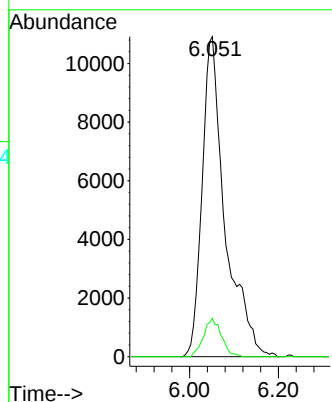
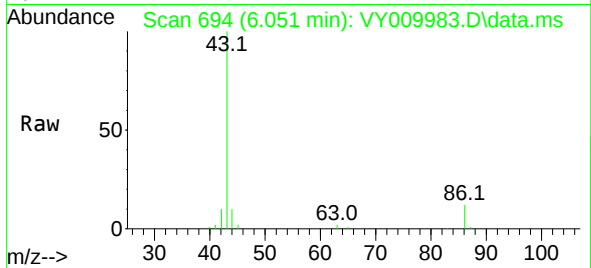




#23
 Vinyl Acetate
 Concen: 22.873 ug/l
 RT: 6.051 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY009983.D
 Acq: 12 Aug 2022 13:25

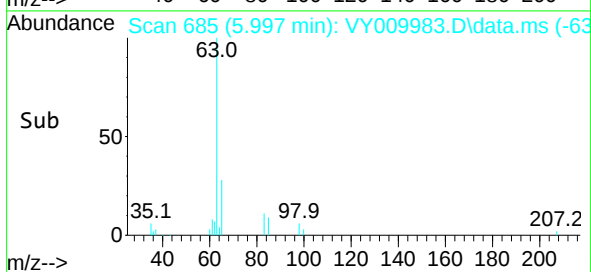
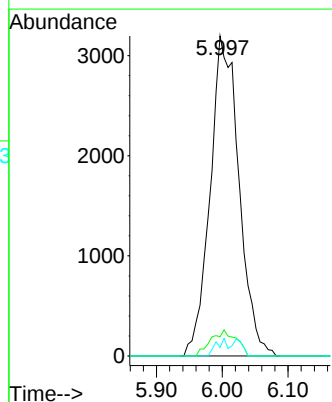
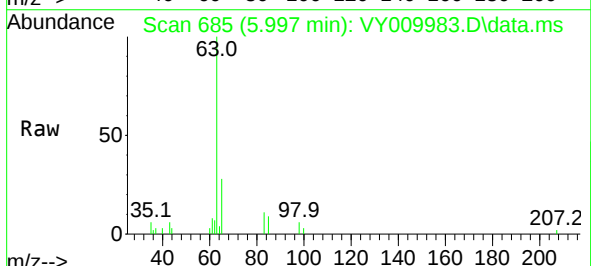
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

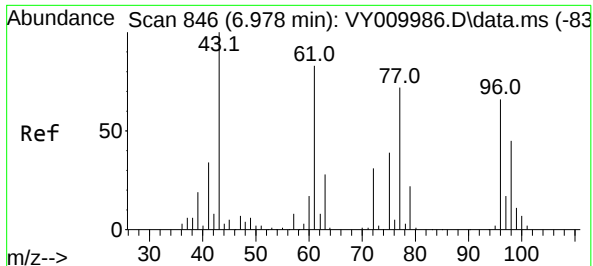
Tgt Ion: 43 Resp: 39157
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 5.577 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY009983.D
 Acq: 12 Aug 2022 13:25

Tgt Ion: 63 Resp: 9741
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 2.6 2.8 8.3#





#25

2-Butanone

Concen: 31.012 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

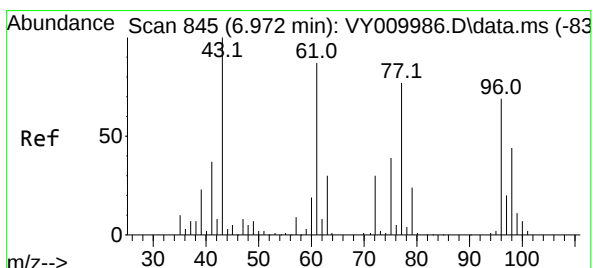
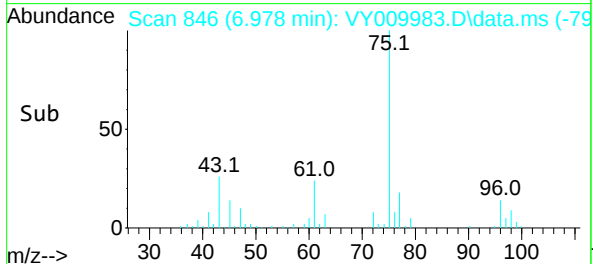
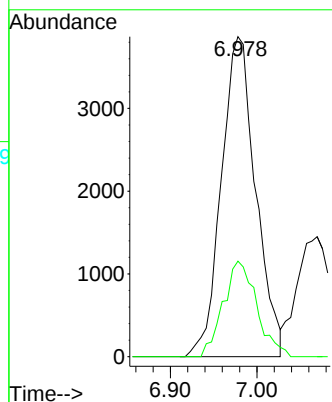
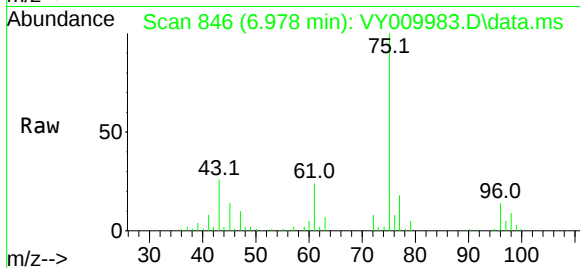
VSTDIC005

Tgt Ion: 43 Resp: 10643

Ion Ratio Lower Upper

43 100

72 29.9 21.5 32.3



#26

2,2-Dichloropropane

Concen: 5.910 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009983.D

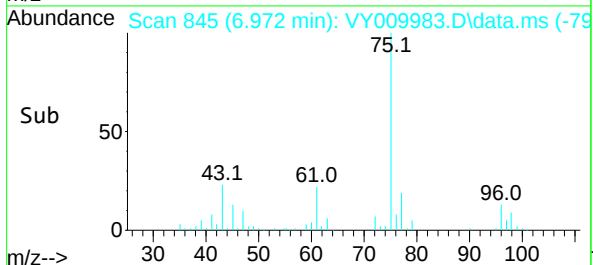
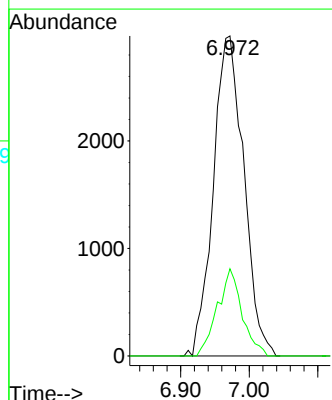
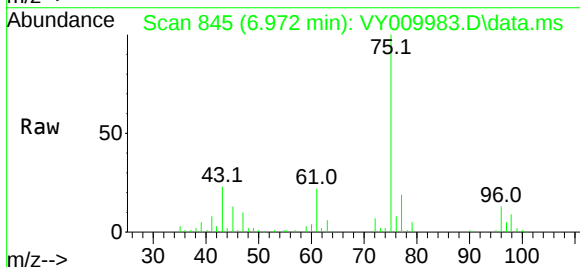
Acq: 12 Aug 2022 13:25

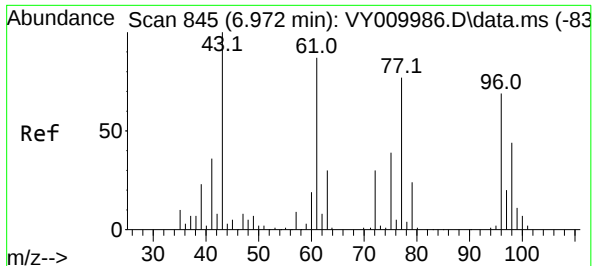
Tgt Ion: 77 Resp: 9195

Ion Ratio Lower Upper

77 100

97 22.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 5.067 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

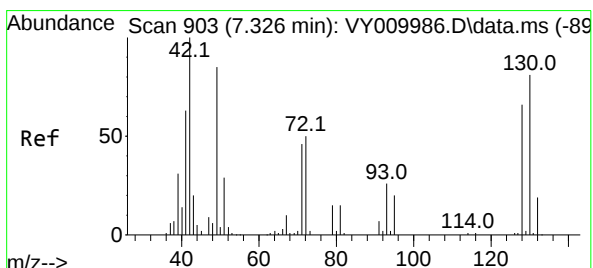
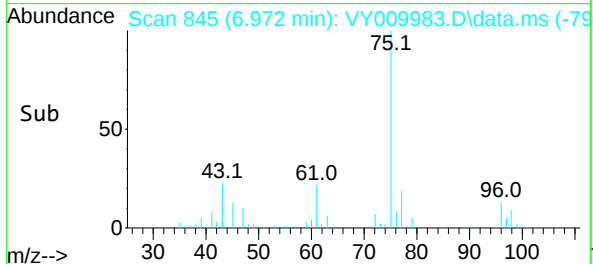
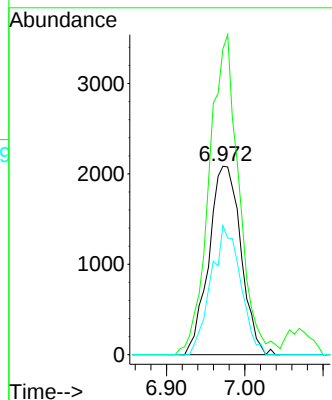
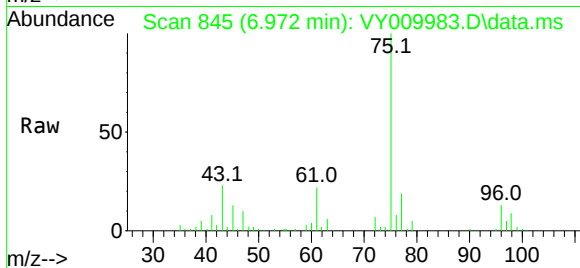
Tgt Ion: 96 Resp: 5920

Ion Ratio Lower Upper

96 100

61 158.8 0.0 285.6

98 63.1 0.0 131.0



#28

Bromochloromethane

Concen: 5.536 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

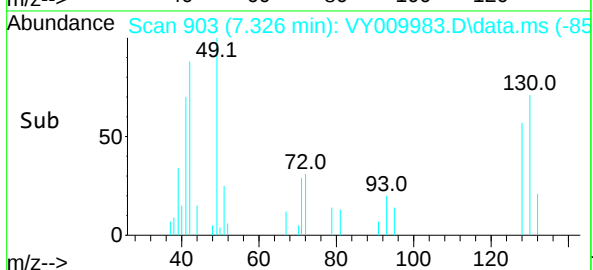
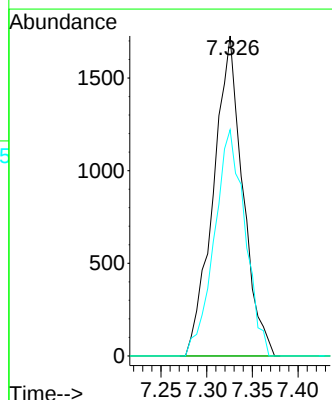
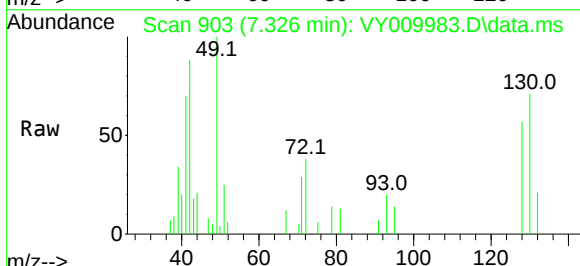
Tgt Ion: 49 Resp: 3871

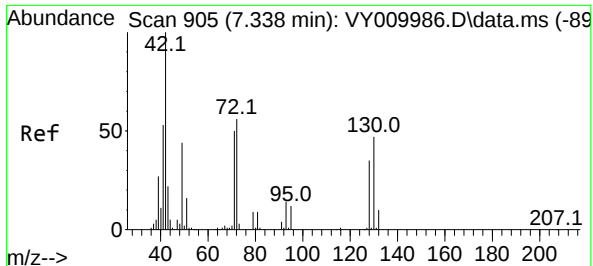
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 73.7 64.1 96.1

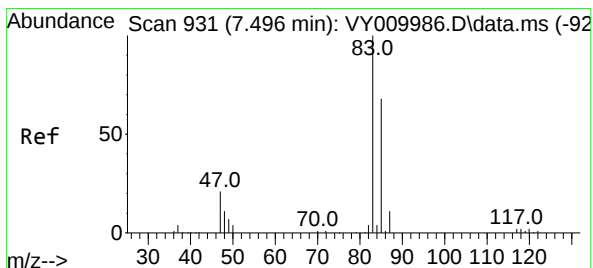
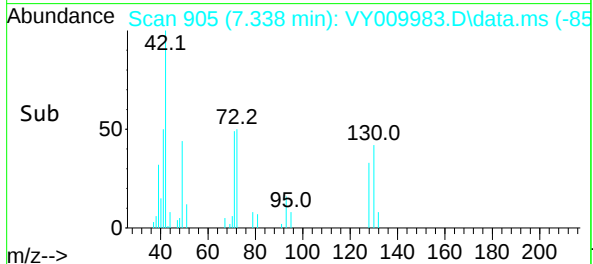
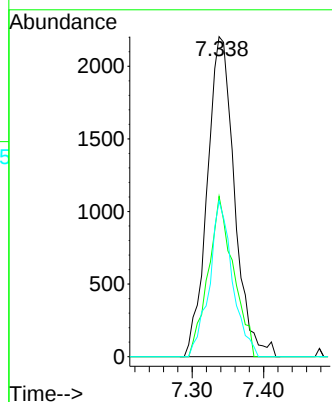
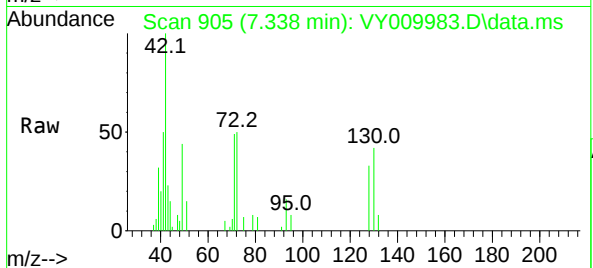




#29
Tetrahydrofuran
Concen: 26.543 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

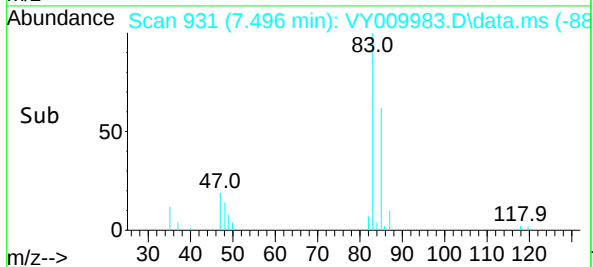
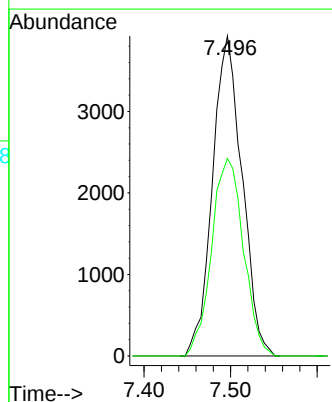
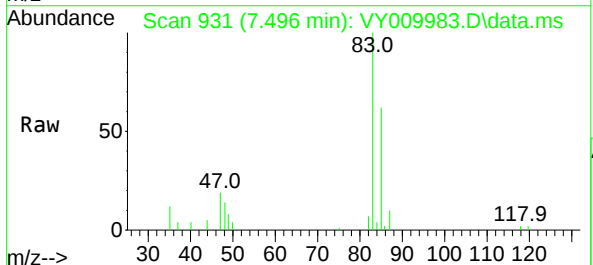
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

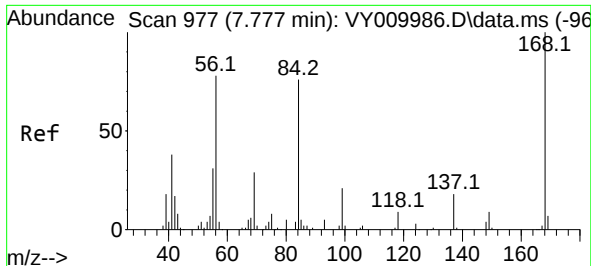
Tgt Ion: 42 Resp: 5836
Ion Ratio Lower Upper
42 100
72 46.3 34.6 52.0
71 41.3 32.7 49.1



#30
Chloroform
Concen: 5.077 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

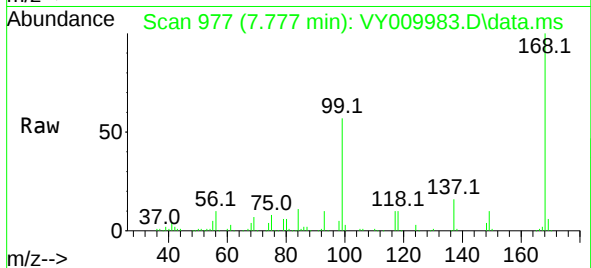
Tgt Ion: 83 Resp: 9317
Ion Ratio Lower Upper
83 100
85 61.7 50.5 75.7



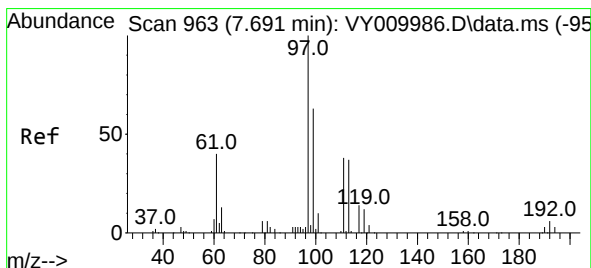
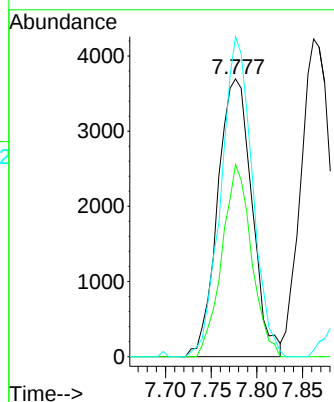
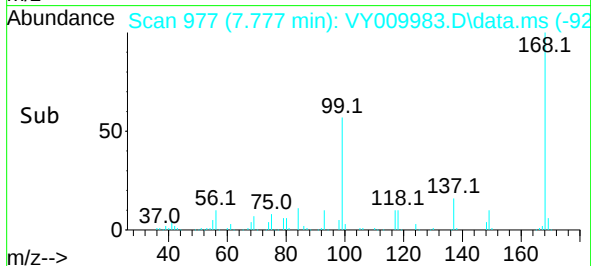


#31
Cyclohexane
Concen: 5.834 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

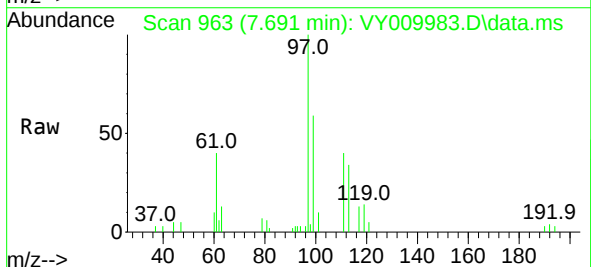
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



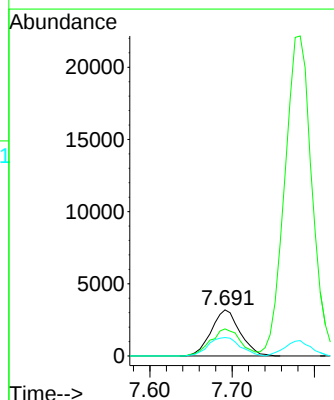
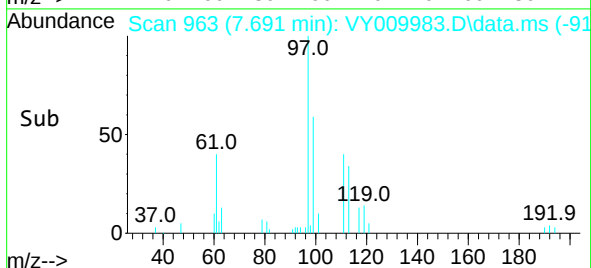
Tgt Ion: 56 Resp: 9627
Ion Ratio Lower Upper
56 100
69 69.2 26.0 39.0#
84 115.2 69.5 104.3#

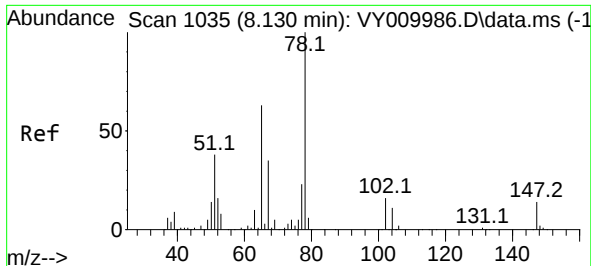


#32
1,1,1-Trichloroethane
Concen: 4.949 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25



Tgt Ion: 97 Resp: 7721
Ion Ratio Lower Upper
97 100
99 61.3 51.8 77.8
61 44.1 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 5.348 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

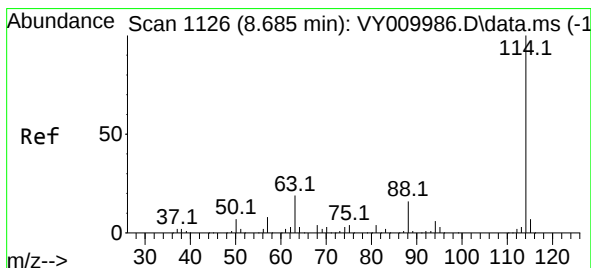
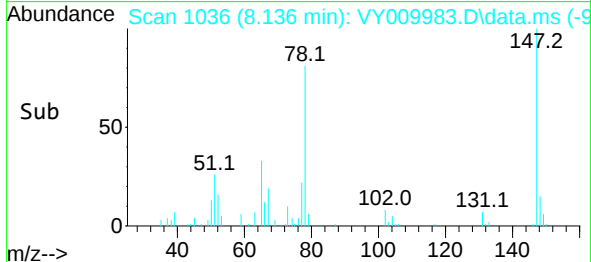
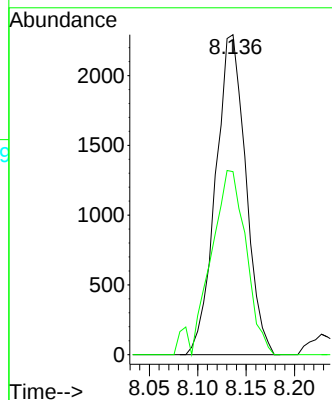
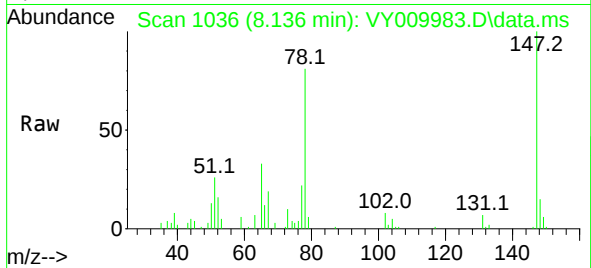
VSTDIC005

Tgt Ion: 65 Resp: 4956

Ion Ratio Lower Upper

65 100

67 68.0 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

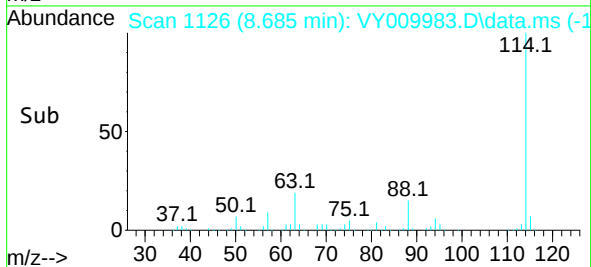
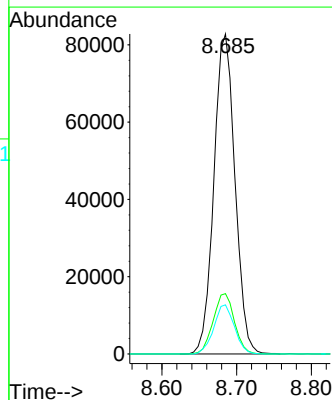
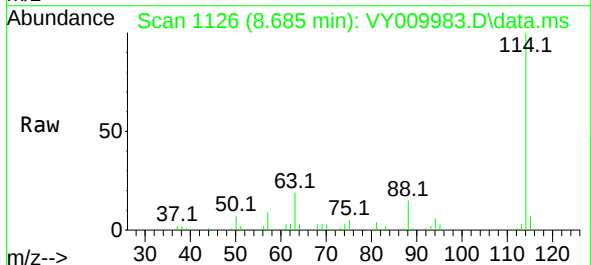
Tgt Ion: 114 Resp: 162616

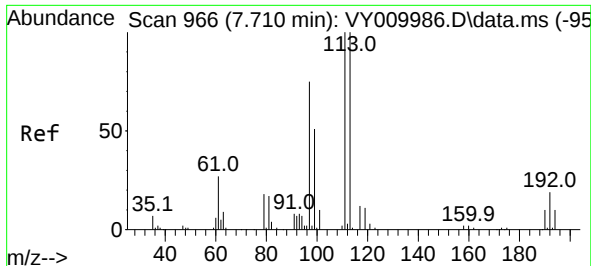
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

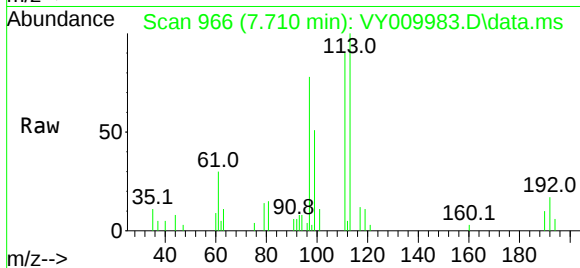
88 15.3 0.0 30.0





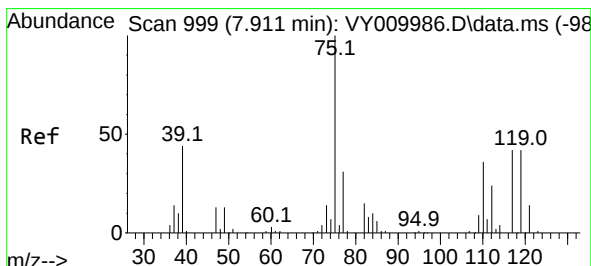
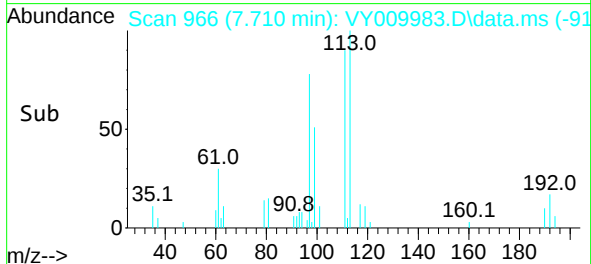
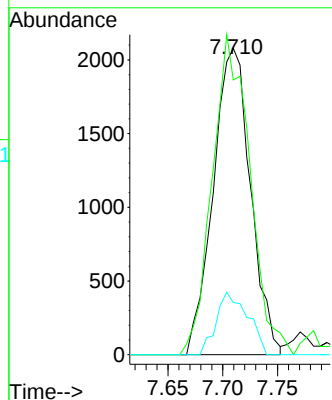
#35
 Dibromofluoromethane
 Concen: 4.935 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. 0.000 min
 Lab File: VY009983.D
 Acq: 12 Aug 2022 13:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



Tgt Ion: 113 Resp: 4924

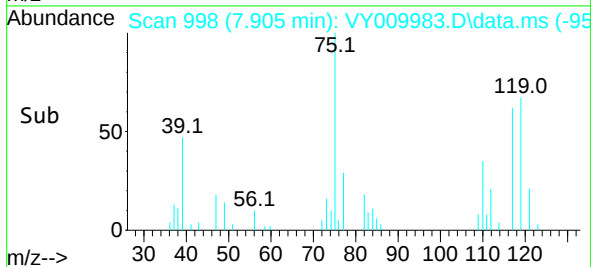
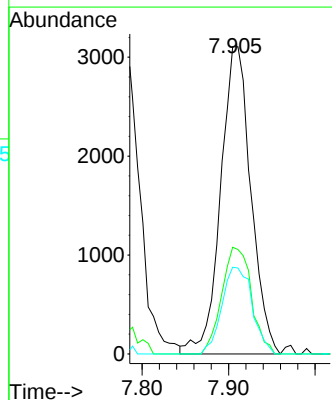
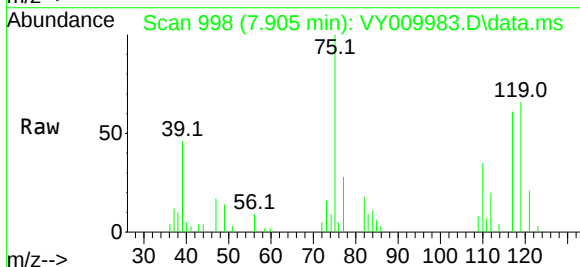
Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.6	120.8
192	17.2	16.2	24.4

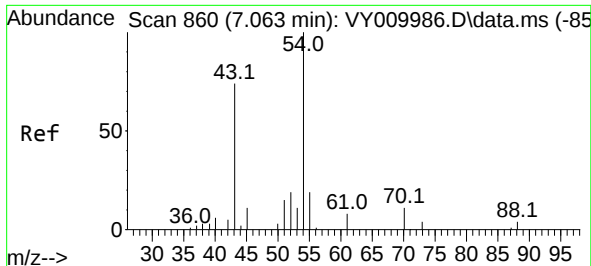


#36
 1,1-Dichloropropene
 Concen: 5.046 ug/l
 RT: 7.905 min Scan# 998
 Delta R.T. -0.006 min
 Lab File: VY009983.D
 Acq: 12 Aug 2022 13:25

Tgt Ion: 75 Resp: 7539

Ion	Ratio	Lower	Upper
75	100		
110	33.9	18.6	56.0
77	28.2	25.0	37.4





#37

Ethyl Acetate

Concen: 5.454 ug/l

RT: 7.069 min Scan# 860

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

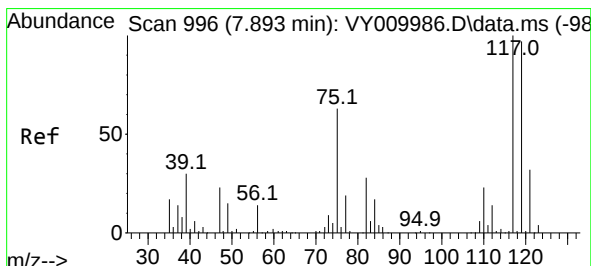
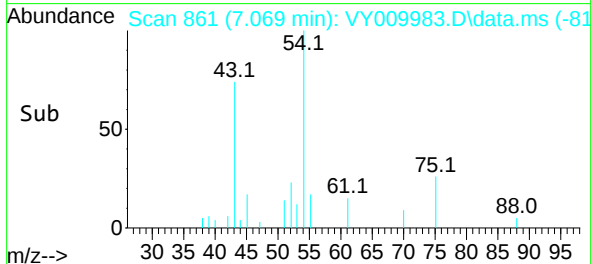
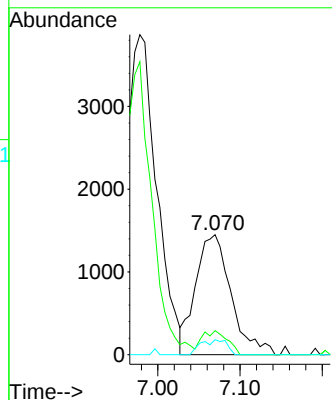
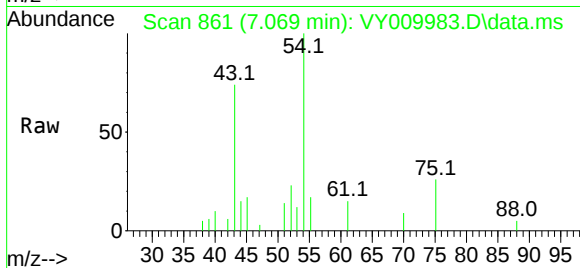
Tgt Ion: 43 Resp: 4346

Ion Ratio Lower Upper

43 100

61 14.1 11.2 16.8

70 9.0 8.4 12.6



#38

Carbon Tetrachloride

Concen: 4.453 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

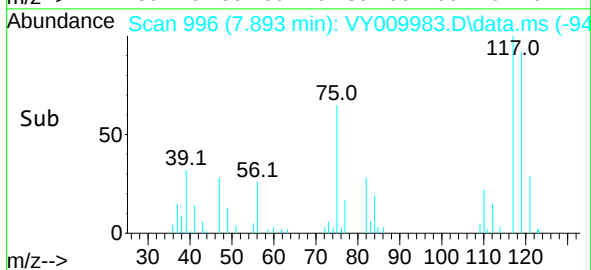
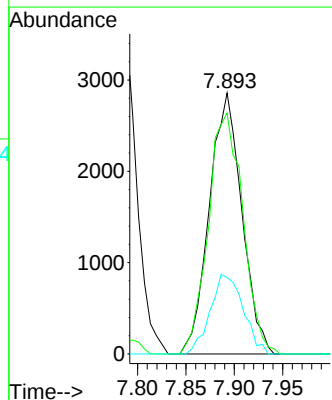
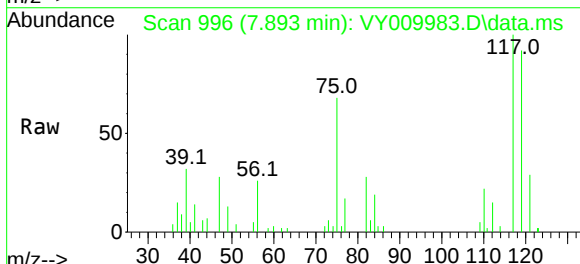
Tgt Ion: 117 Resp: 6683

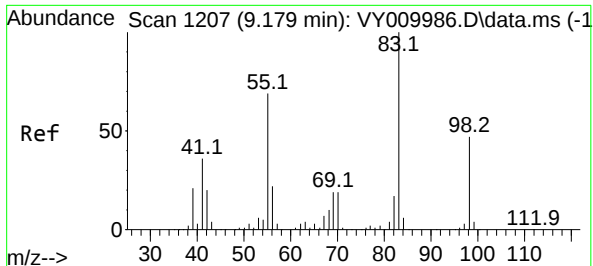
Ion Ratio Lower Upper

117 100

119 92.3 75.9 113.9

121 29.3 24.9 37.3

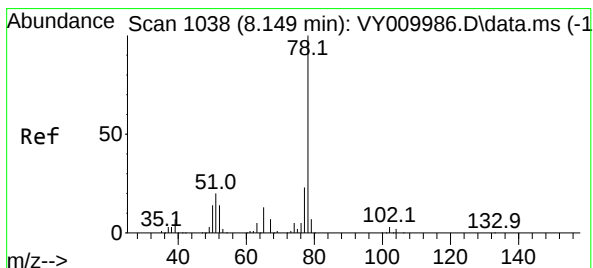
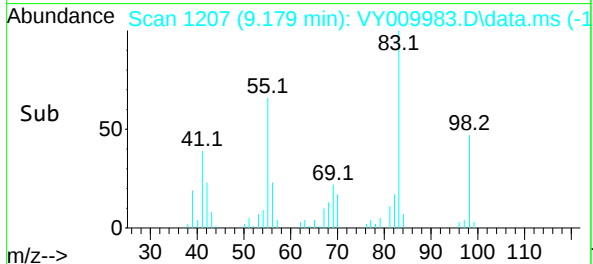
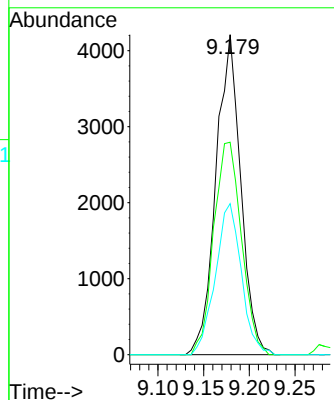
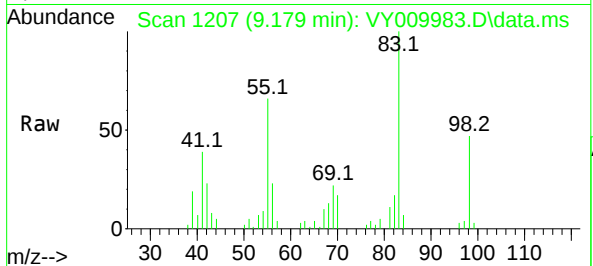




#39
Methylcyclohexane
Concen: 4.424 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

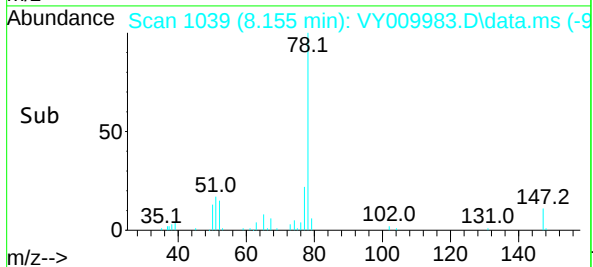
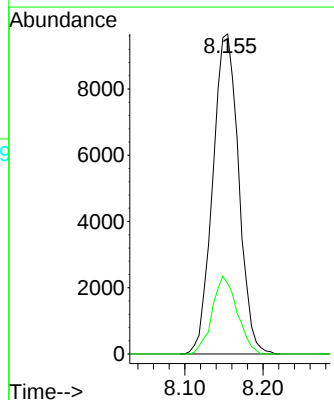
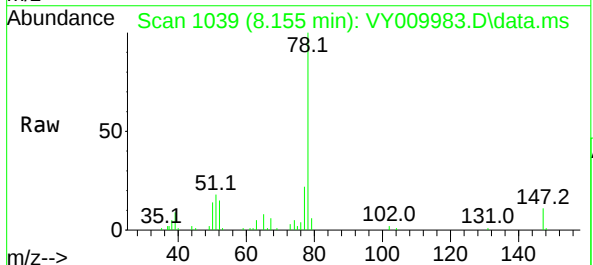
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

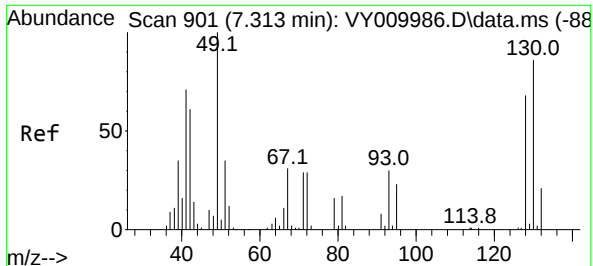
Tgt Ion: 83 Resp: 7956
Ion Ratio Lower Upper
83 100
55 66.4 56.7 85.1
98 47.2 39.9 59.9



#40
Benzene
Concen: 4.891 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 78 Resp: 22208
Ion Ratio Lower Upper
78 100
77 22.0 19.4 29.0

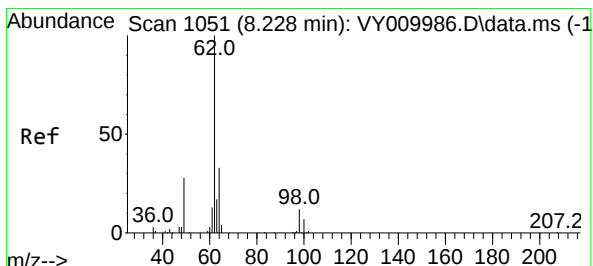
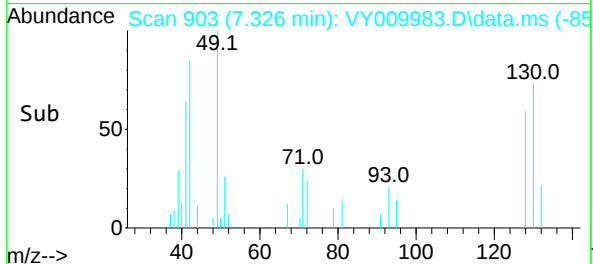
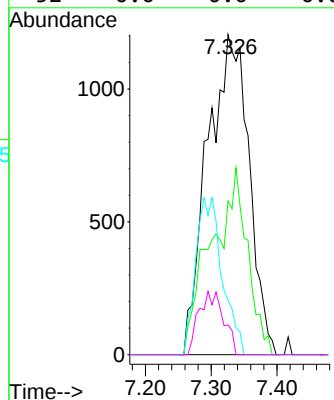
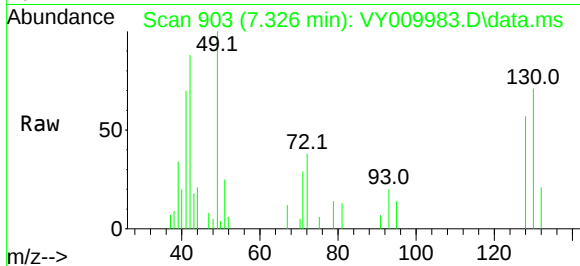




#41
Methacrylonitrile
Concen: 5.568 ug/l
RT: 7.326 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

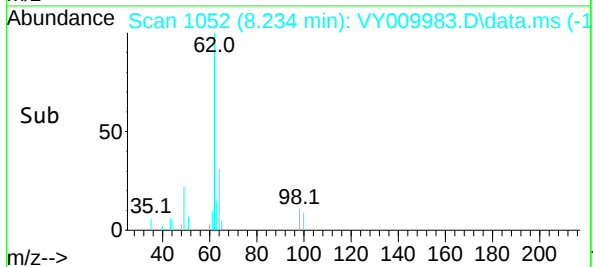
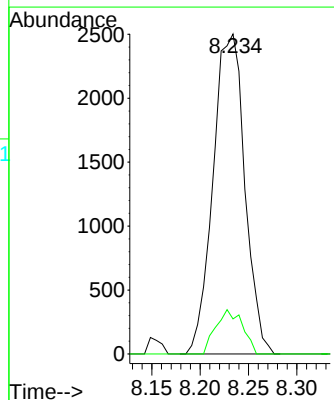
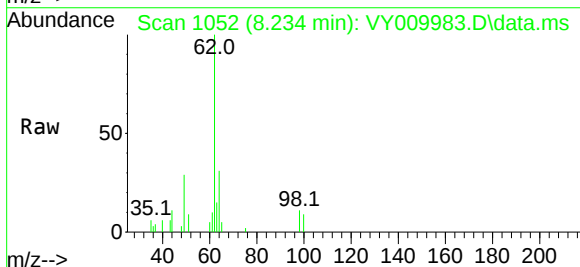
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

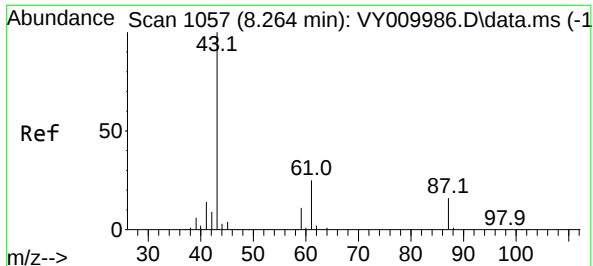
Tgt Ion: 41 Resp: 5261
Ion Ratio Lower Upper
41 100
39 51.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 4.868 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 62 Resp: 5710
Ion Ratio Lower Upper
62 100
98 11.7 0.0 20.6





#43

Isopropyl Acetate

Concen: 5.212 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

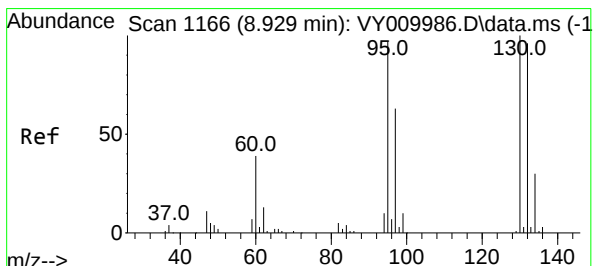
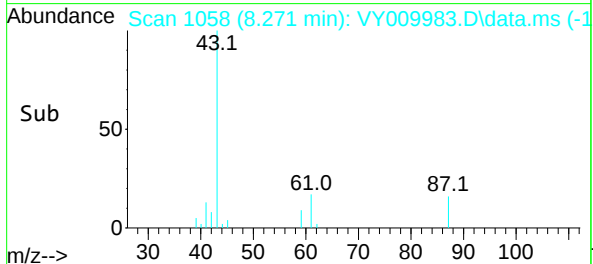
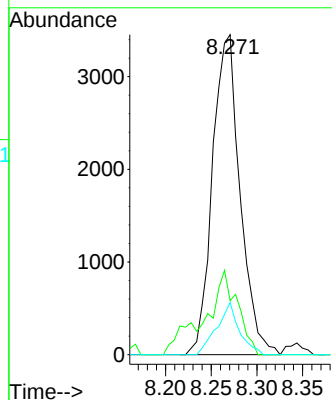
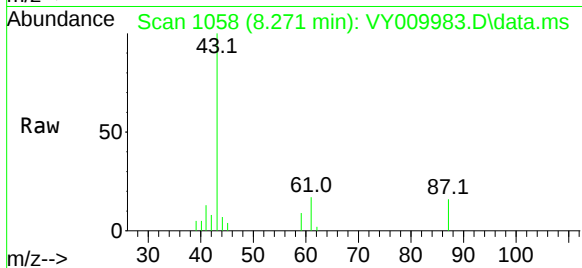
Tgt Ion: 43 Resp: 7255

Ion Ratio Lower Upper

43 100

61 31.8 23.6 35.4

87 13.3 11.3 16.9



#44

Trichloroethene

Concen: 4.910 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VY009983.D

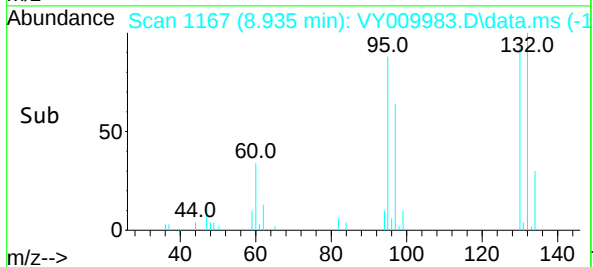
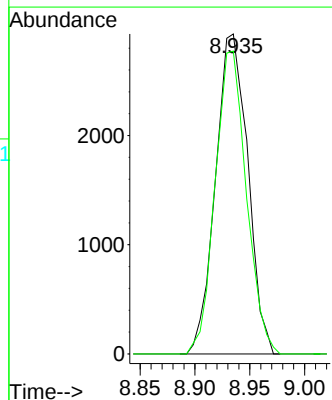
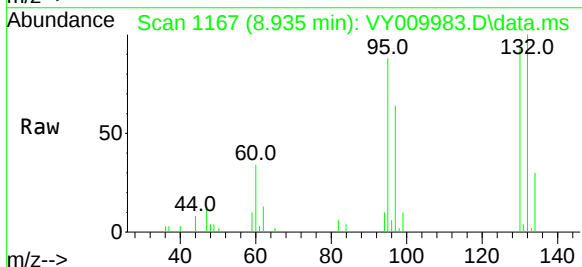
Acq: 12 Aug 2022 13:25

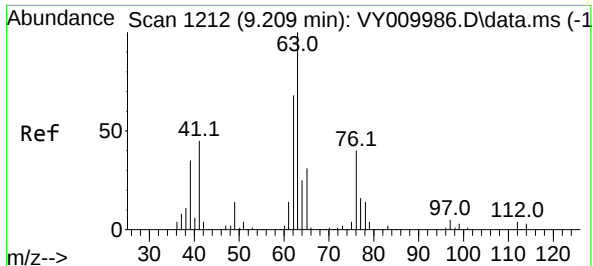
Tgt Ion: 130 Resp: 5990

Ion Ratio Lower Upper

130 100

95 94.6 0.0 194.6





#45

1,2-Dichloropropane

Concen: 5.079 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

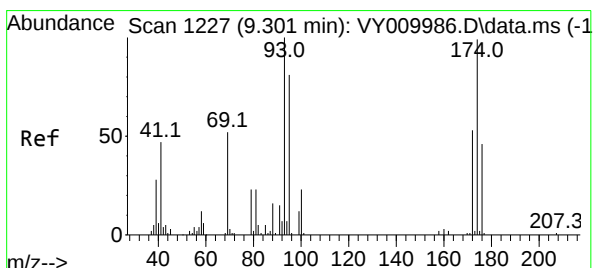
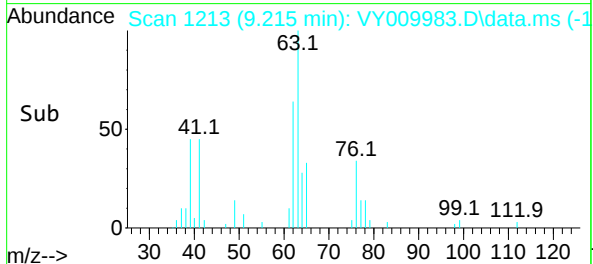
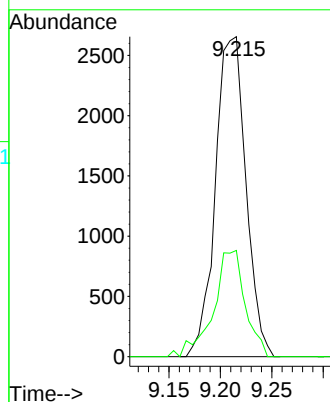
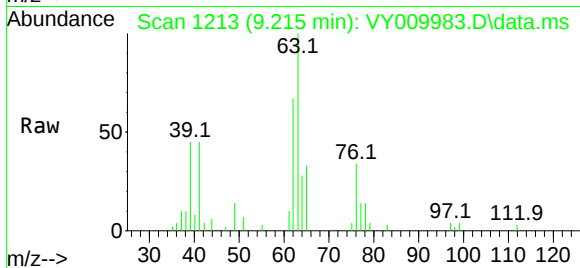
VSTDIC005

Tgt Ion: 63 Resp: 5475

Ion Ratio Lower Upper

63 100

65 33.2 23.7 35.5



#46

Dibromomethane

Concen: 4.750 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

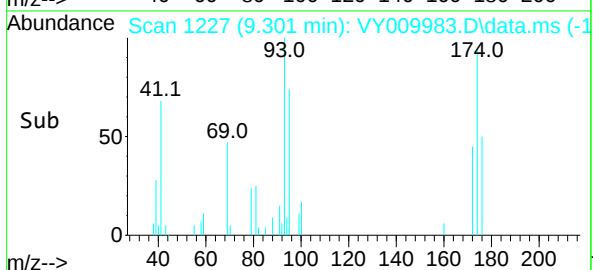
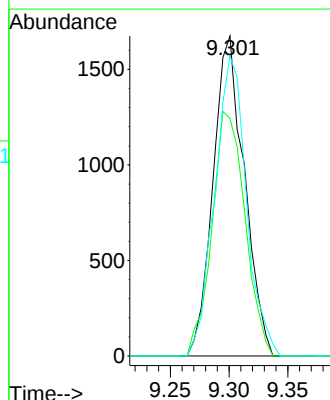
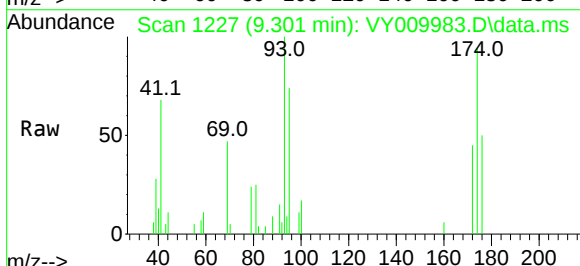
Tgt Ion: 93 Resp: 3097

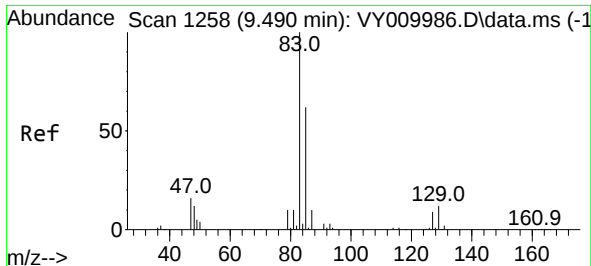
Ion Ratio Lower Upper

93 100

95 80.9 66.3 99.5

174 95.2 80.6 120.8

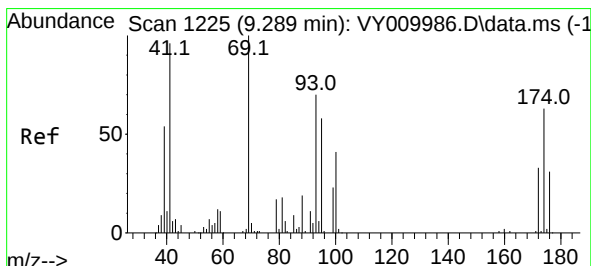
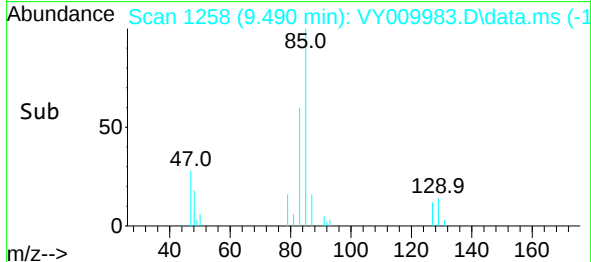
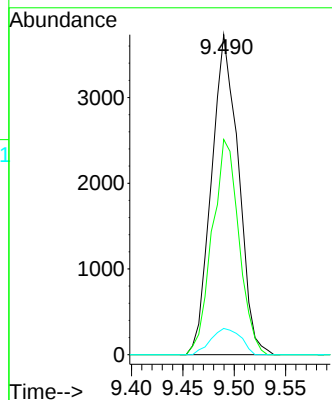
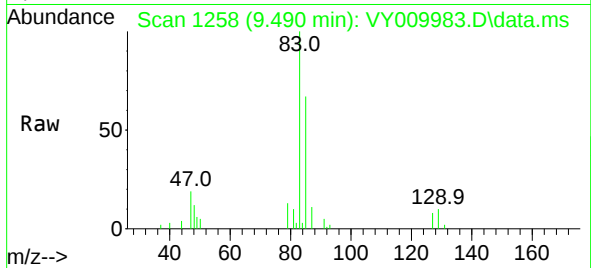




#47
Bromodichloromethane
Concen: 4.691 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

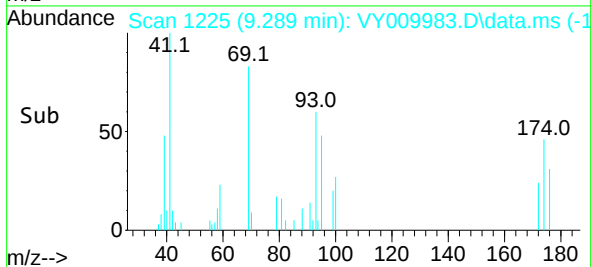
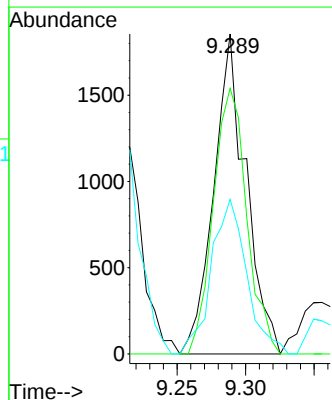
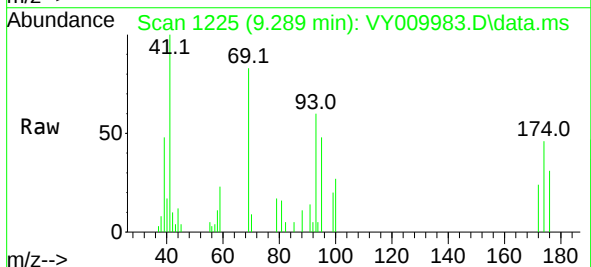
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

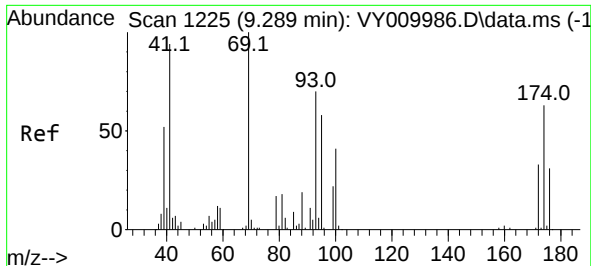
Tgt Ion: 83 Resp: 6805
Ion Ratio Lower Upper
83 100
85 67.3 51.2 76.8
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 4.966 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 41 Resp: 3023
Ion Ratio Lower Upper
41 100
69 86.6 73.2 109.8
39 53.0 47.5 71.3





#49

1,4-Dioxane

Concen: 60.756 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

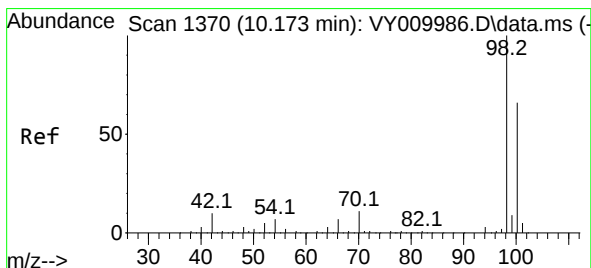
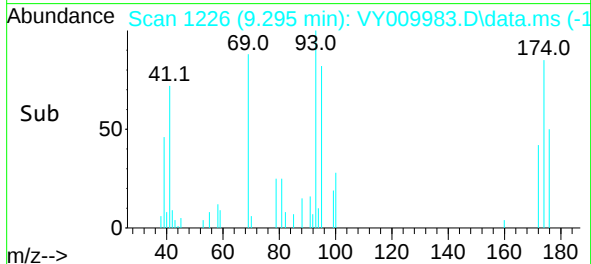
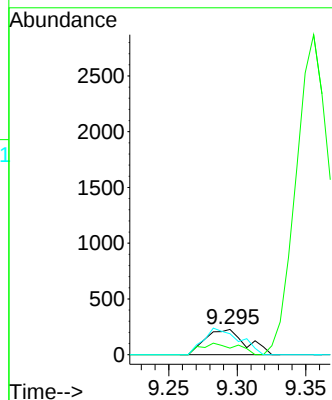
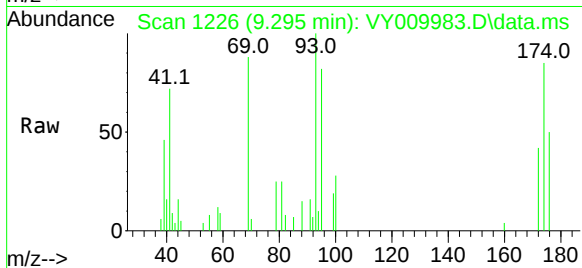
Tgt Ion: 88 Resp: 462

Ion Ratio Lower Upper

88 100

43 41.3 26.3 39.5#

58 93.7 52.6 79.0#



#50

Toluene-d8

Concen: 4.625 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009983.D

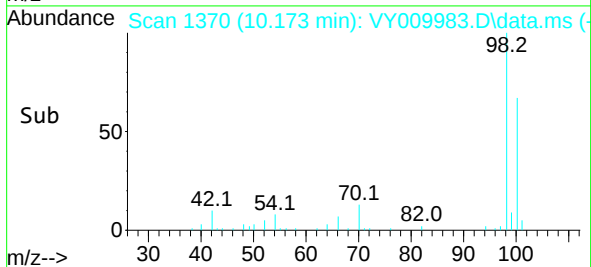
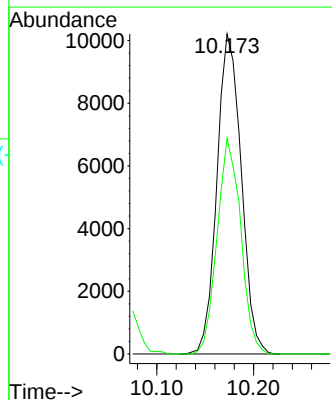
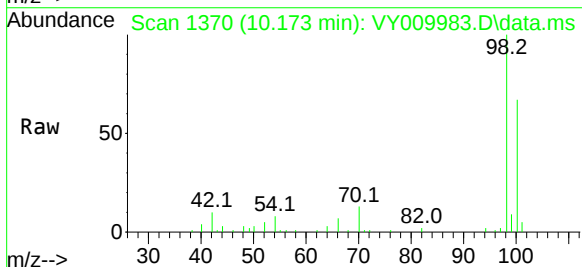
Acq: 12 Aug 2022 13:25

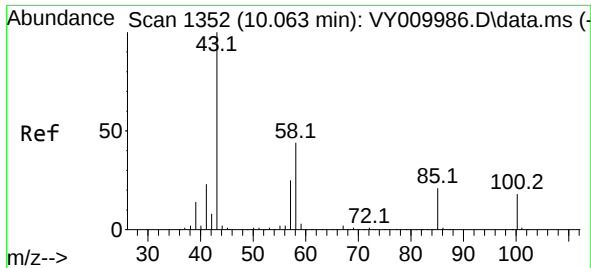
Tgt Ion: 98 Resp: 17787

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3

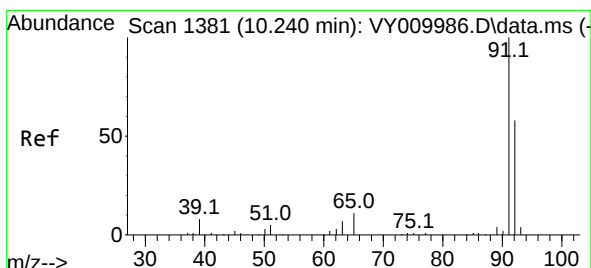
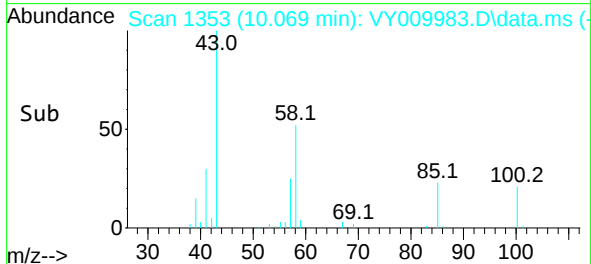
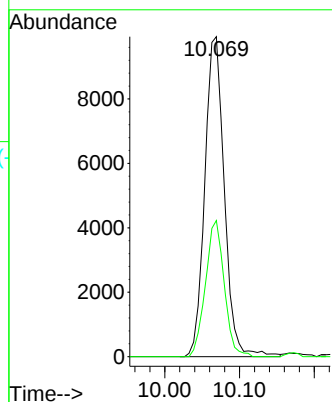
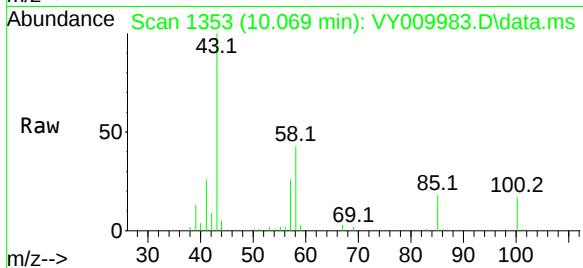




#51
4-Methyl-2-Pentanone
Concen: 23.758 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

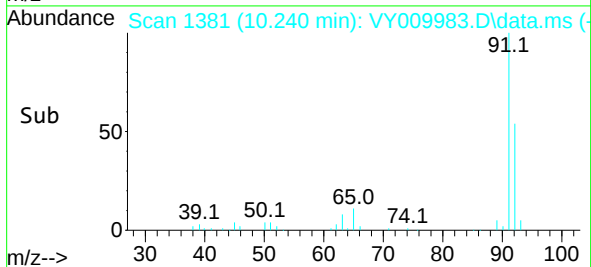
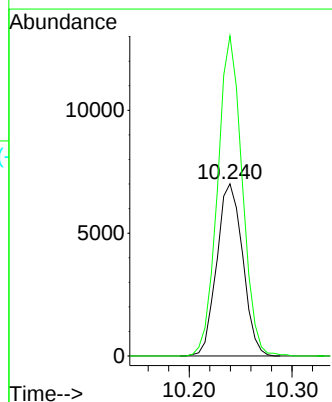
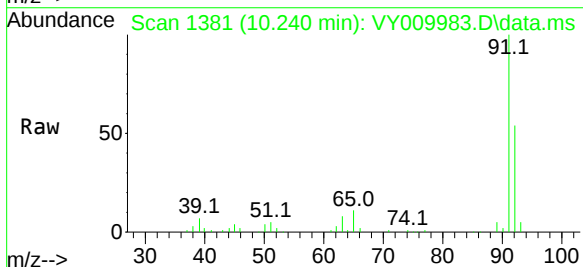
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

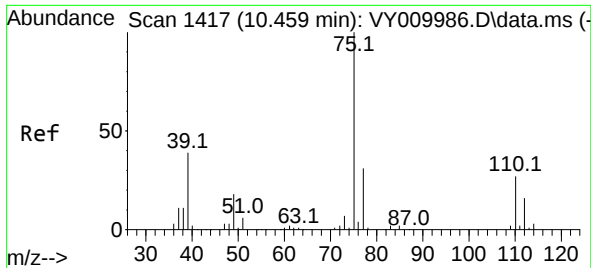
Tgt Ion: 43 Resp: 18015
Ion Ratio Lower Upper
43 100
58 40.8 31.5 47.3



#52
Toluene
Concen: 4.499 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 92 Resp: 12250
Ion Ratio Lower Upper
92 100
91 177.0 138.7 208.1

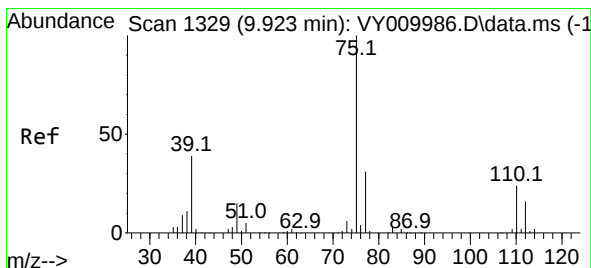
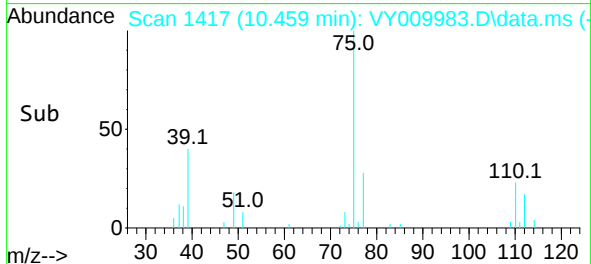
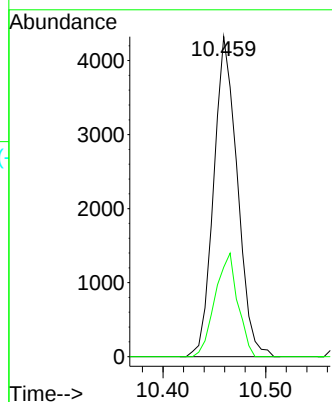
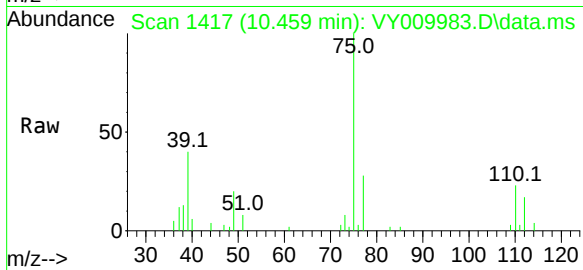




#53
 t-1,3-Dichloropropene
 Concen: 4.618 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009983.D
 Acq: 12 Aug 2022 13:25

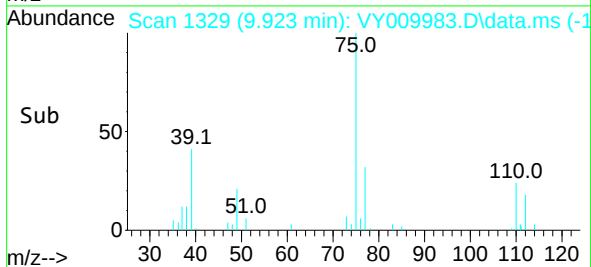
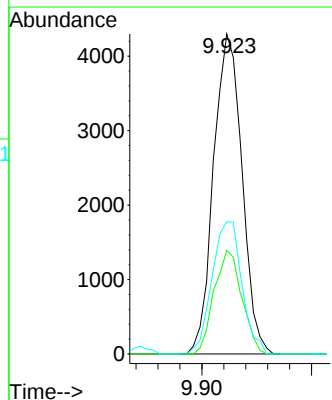
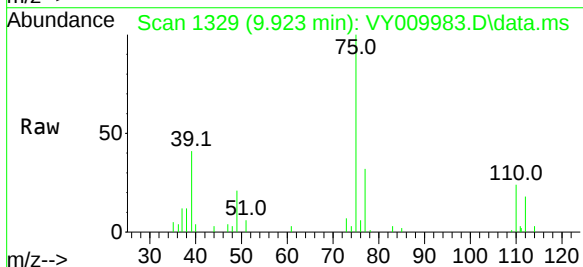
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

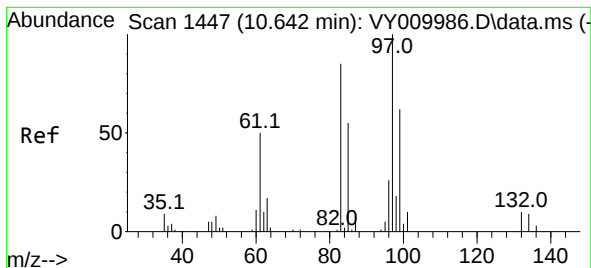
Tgt Ion: 75 Resp: 6898
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.498 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY009983.D
 Acq: 12 Aug 2022 13:25

Tgt Ion: 75 Resp: 7748
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8
 39 41.3 35.8 53.8





#55

1,1,2-Trichloroethane

Concen: 4.702 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 4382

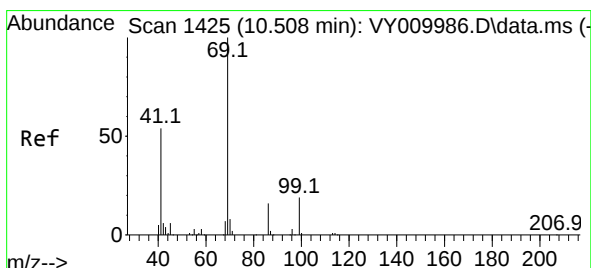
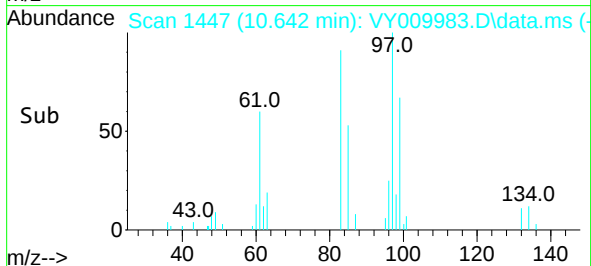
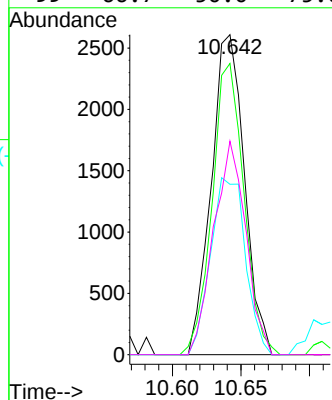
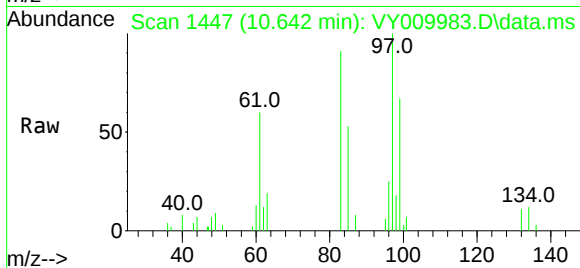
Ion Ratio Lower Upper

97 100

83 91.0 66.9 100.3

85 53.2 44.2 66.4

99 66.7 50.0 75.0



#56

Ethyl methacrylate

Concen: 4.007 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

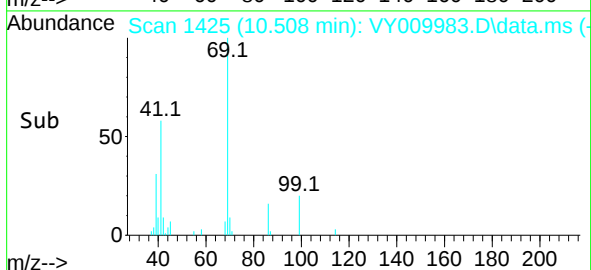
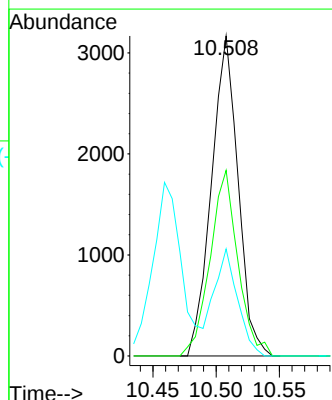
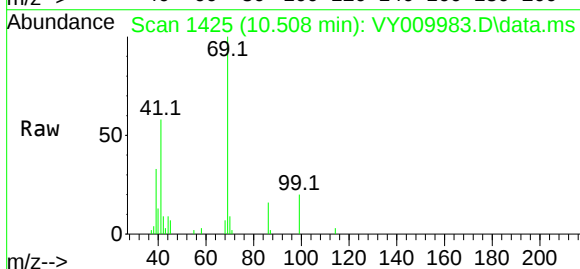
Tgt Ion: 69 Resp: 4635

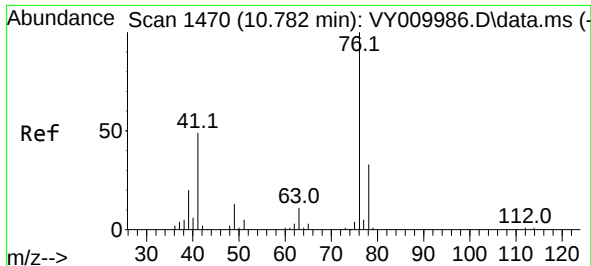
Ion Ratio Lower Upper

69 100

41 60.7 50.4 75.6

39 29.4 27.6 41.4





#57

1,3-Dichloropropane

Concen: 4.680 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

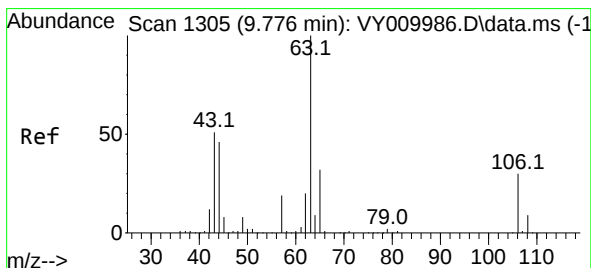
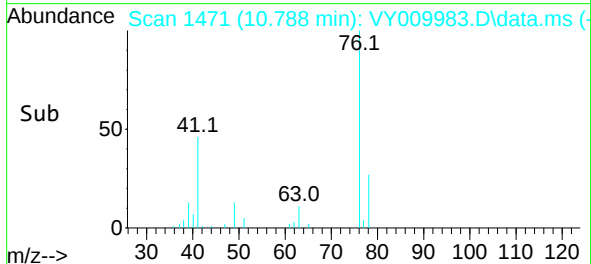
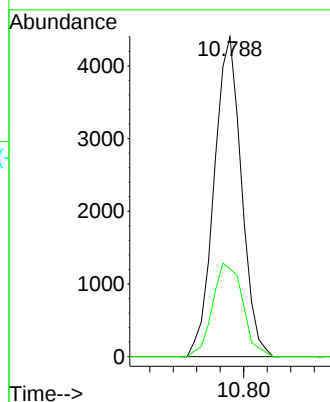
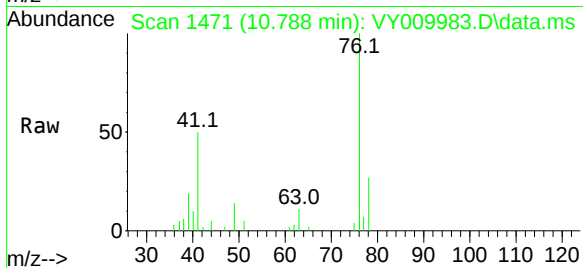
VSTDIC005

Tgt Ion: 76 Resp: 7097

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 24.535 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009983.D

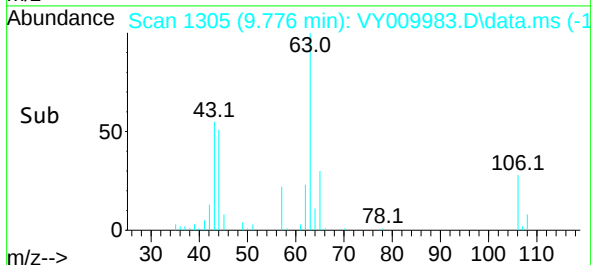
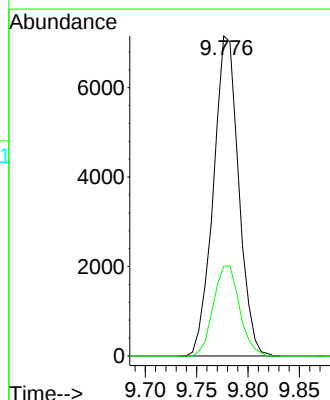
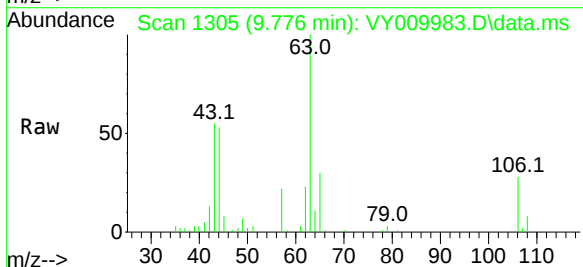
Acq: 12 Aug 2022 13:25

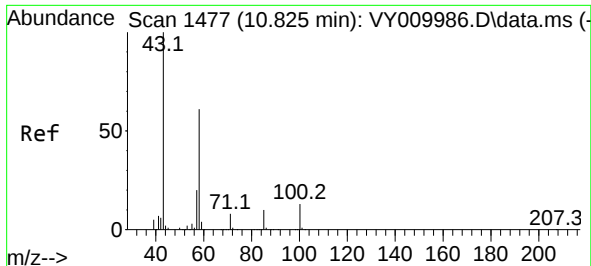
Tgt Ion: 63 Resp: 12264

Ion Ratio Lower Upper

63 100

106 29.0 23.3 34.9

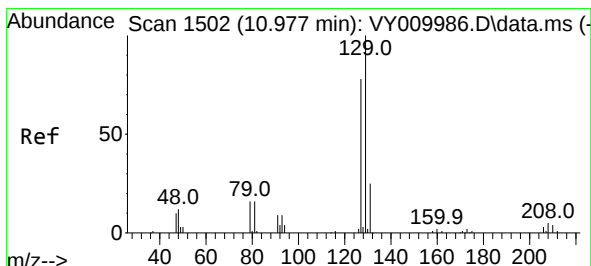
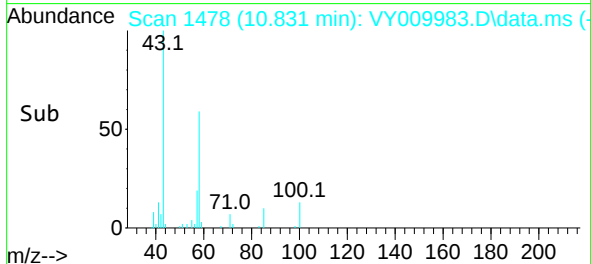
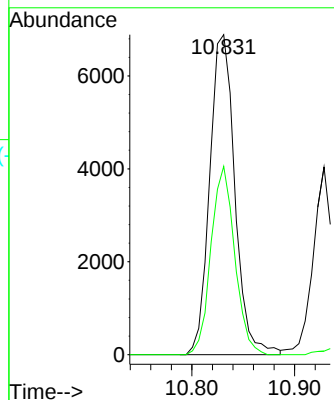
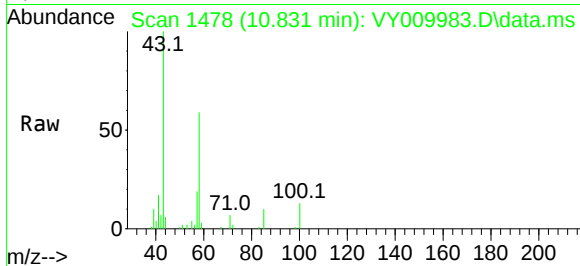




#59
2-Hexanone
Concen: 22.182 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

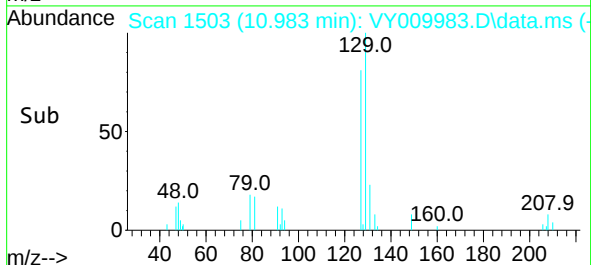
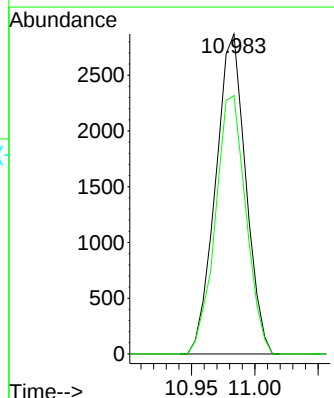
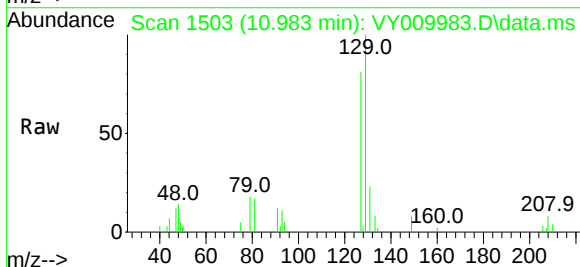
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

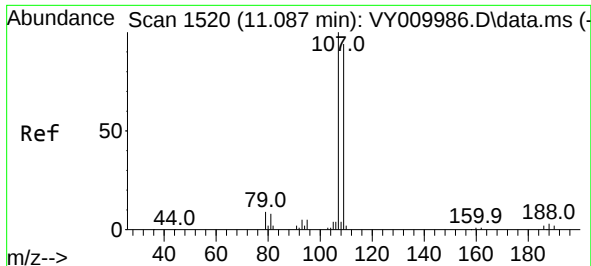
Tgt Ion: 43 Resp: 11699
Ion Ratio Lower Upper
43 100
58 55.5 27.6 82.8



#60
Dibromochloromethane
Concen: 4.420 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 129 Resp: 4747
Ion Ratio Lower Upper
129 100
127 81.9 38.8 116.4

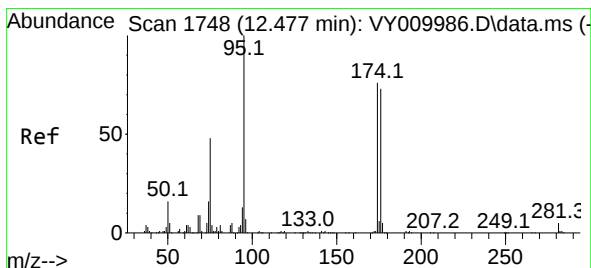
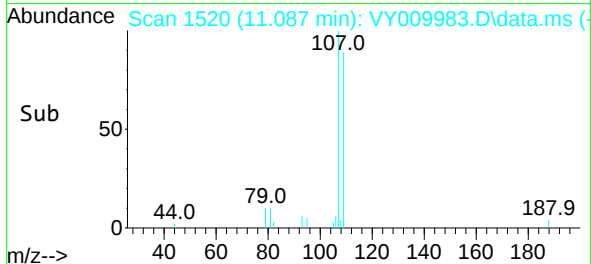
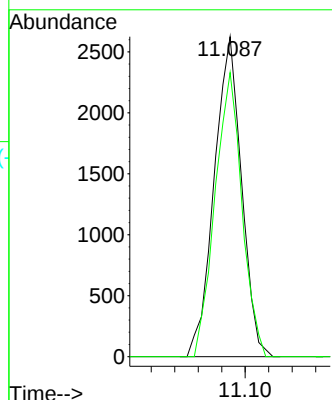
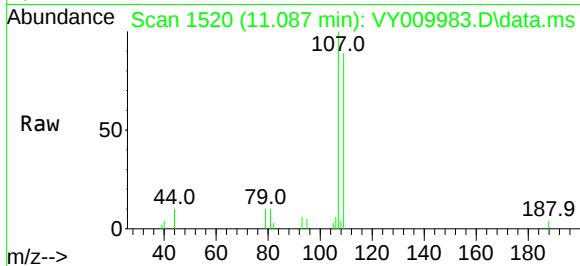




#61
1,2-Dibromoethane
Concen: 4.748 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

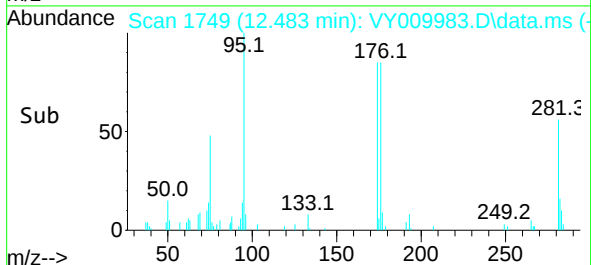
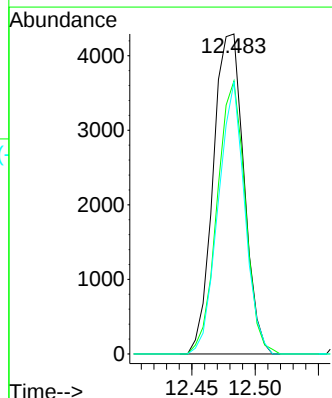
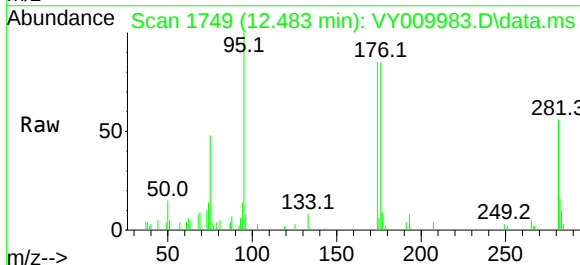
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

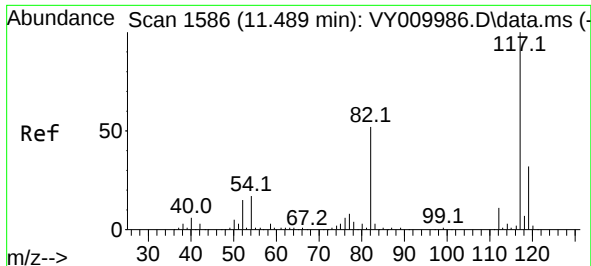
Tgt Ion:107 Resp: 4238
Ion Ratio Lower Upper
107 100
109 87.4 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 5.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 95 Resp: 7233
Ion Ratio Lower Upper
95 100
174 77.9 0.0 173.8
176 73.0 0.0 167.0

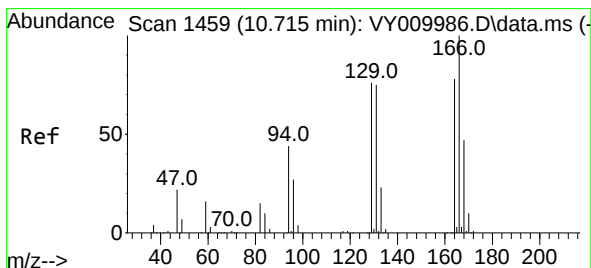
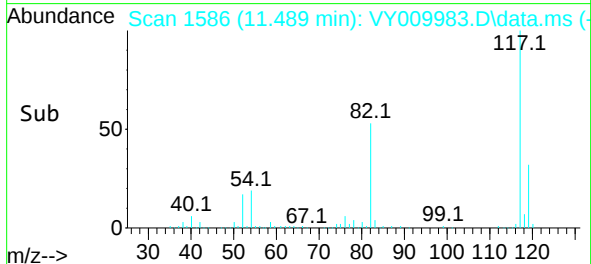
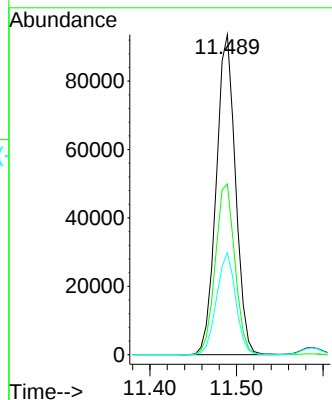
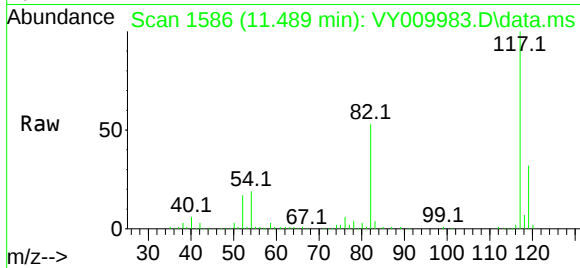




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

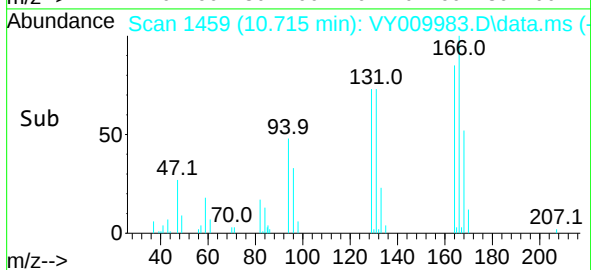
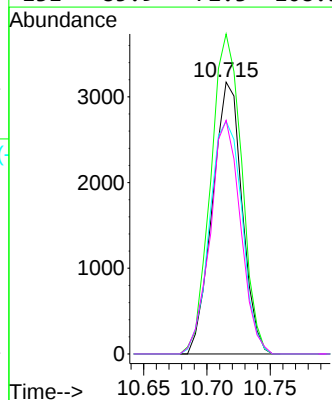
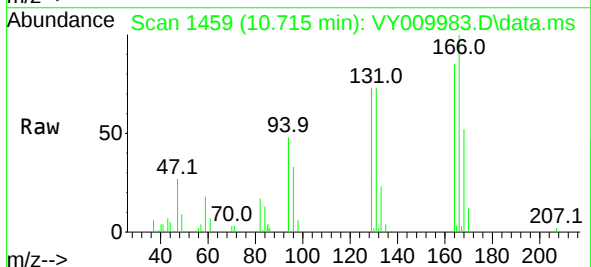
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

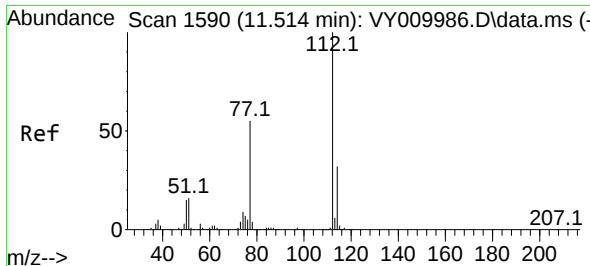
Tgt Ion:117 Resp: 144559
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 4.998 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion:164 Resp: 5164
Ion Ratio Lower Upper
164 100
166 117.7 104.9 157.3
129 85.6 76.5 114.7
131 85.9 72.3 108.5

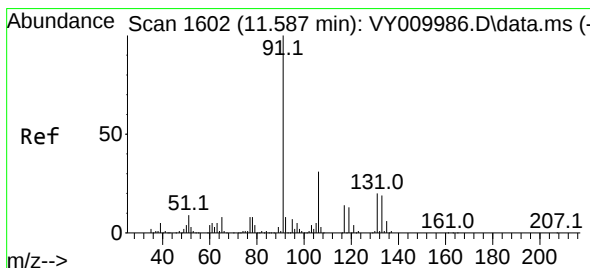
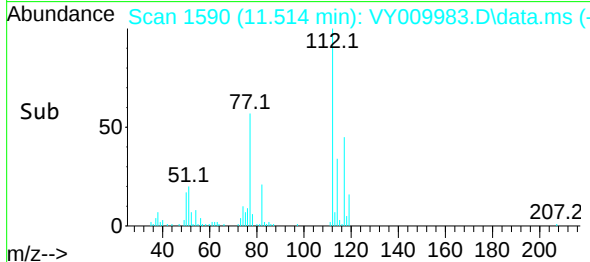
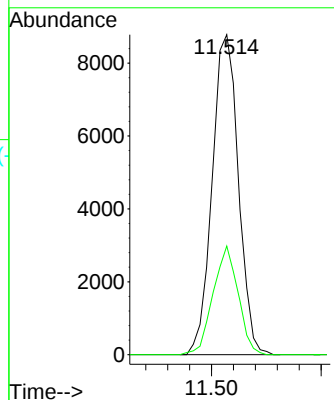
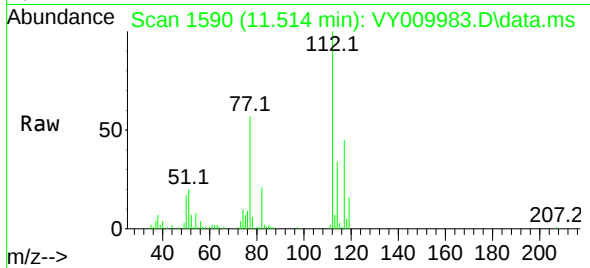




#65
Chlorobenzene
Concen: 4.945 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

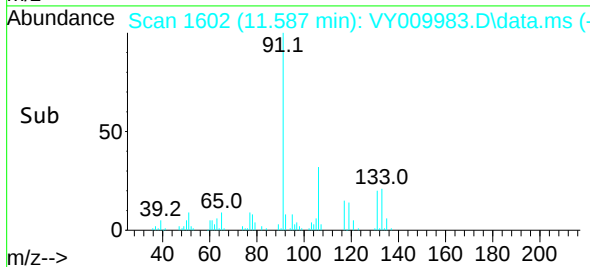
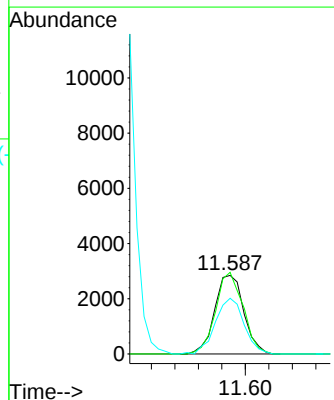
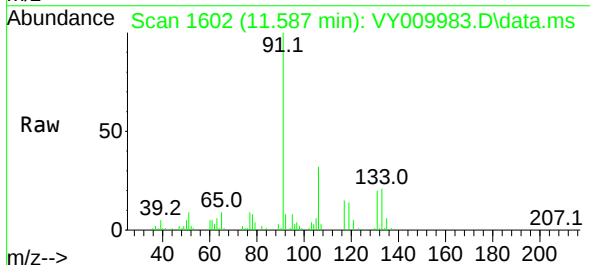
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

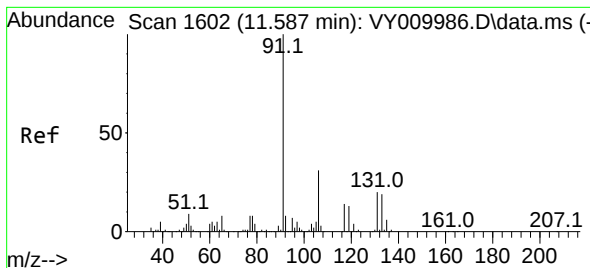
Tgt Ion:112 Resp: 14584
Ion Ratio Lower Upper
112 100
114 34.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 4.629 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion:131 Resp: 4904
Ion Ratio Lower Upper
131 100
133 97.7 47.3 142.0
119 69.7 32.1 96.3





#67

Ethyl Benzene

Concen: 4.529 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

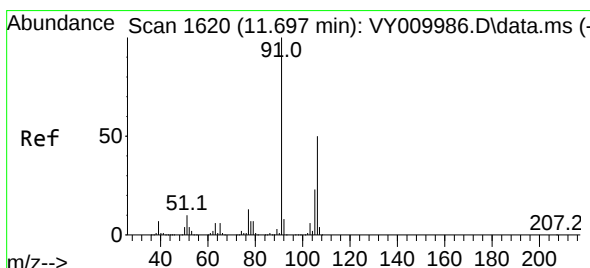
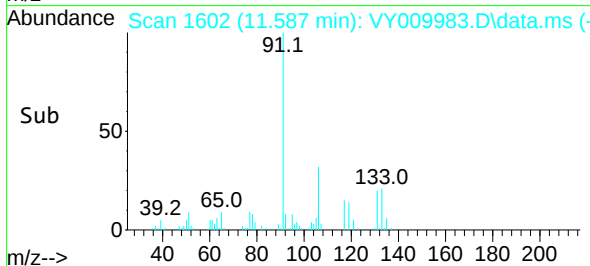
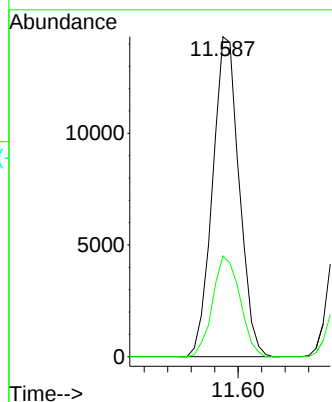
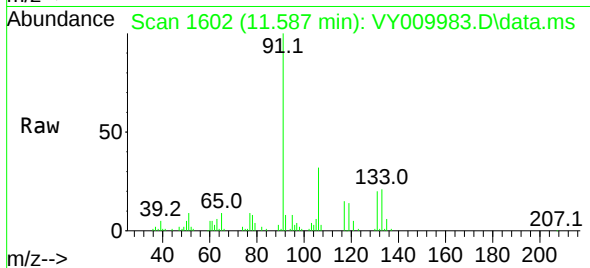
VSTDIC005

Tgt Ion: 91 Resp: 22513

Ion Ratio Lower Upper

91 100

106 31.5 26.2 39.4



#68

m/p-Xylenes

Concen: 8.868 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009983.D

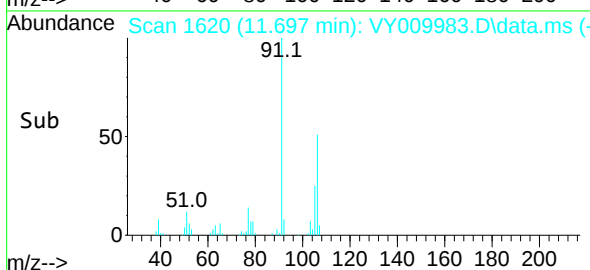
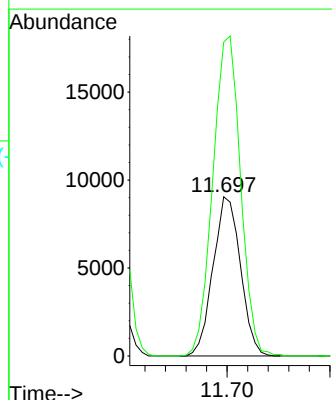
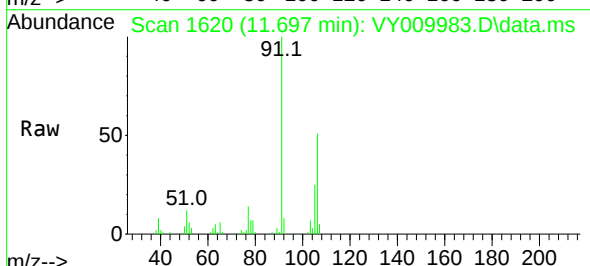
Acq: 12 Aug 2022 13:25

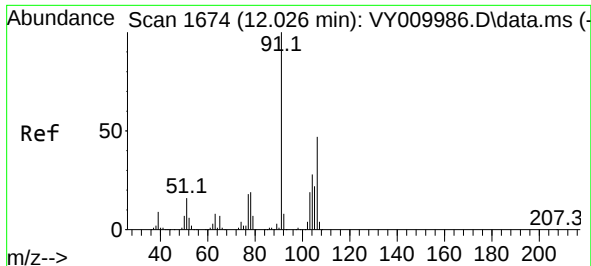
Tgt Ion: 106 Resp: 16758

Ion Ratio Lower Upper

106 100

91 203.3 156.2 234.2

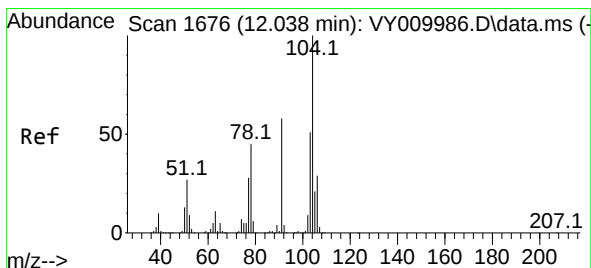
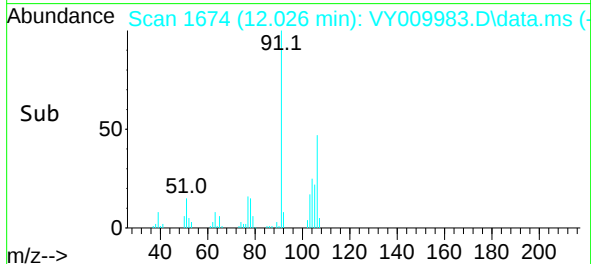
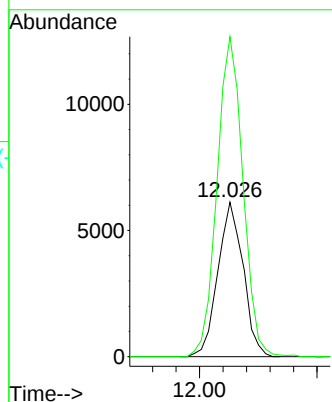
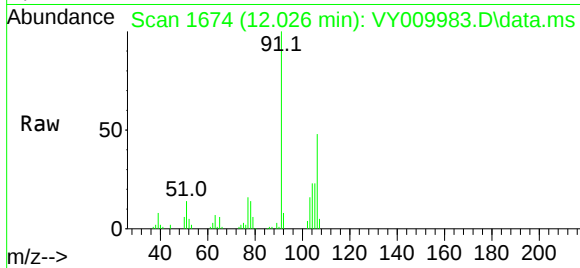




#69
o-Xylene
Concen: 5.109 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

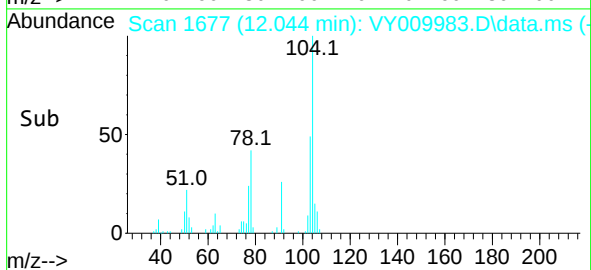
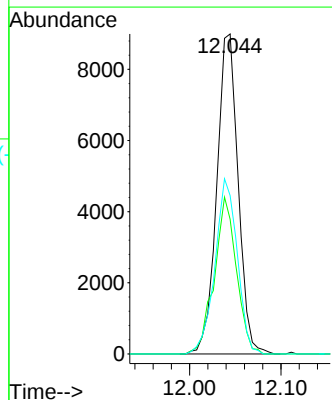
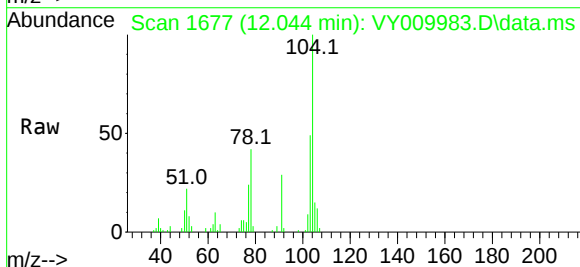
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

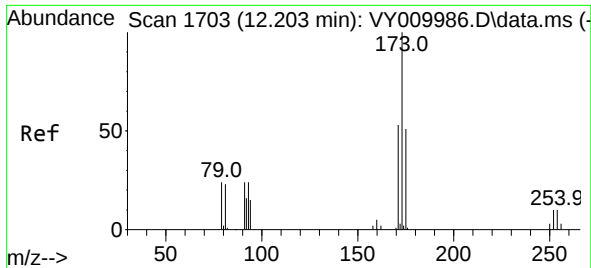
Tgt Ion:106 Resp: 9143
Ion Ratio Lower Upper
106 100
91 212.5 103.2 309.4



#70
Styrene
Concen: 4.786 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion:104 Resp: 14608
Ion Ratio Lower Upper
104 100
78 50.8 38.6 57.8
103 57.2 43.3 64.9

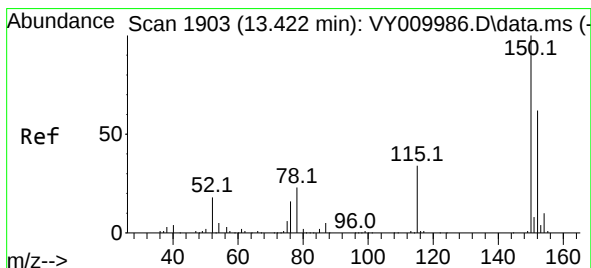
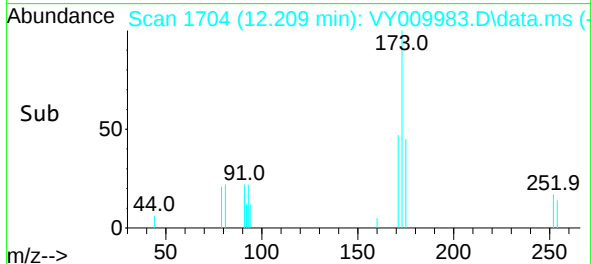
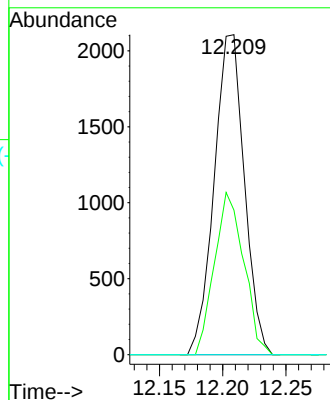
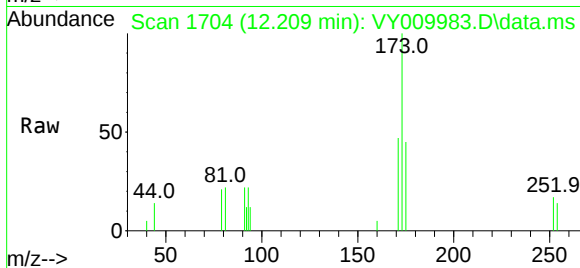




#71
Bromoform
Concen: 5.520 ug/l
RT: 12.209 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

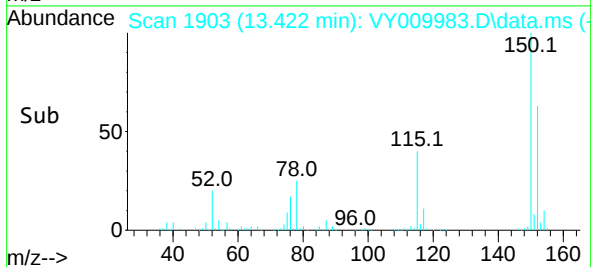
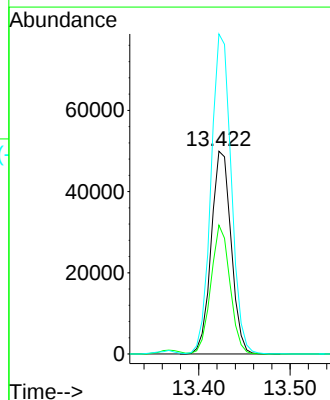
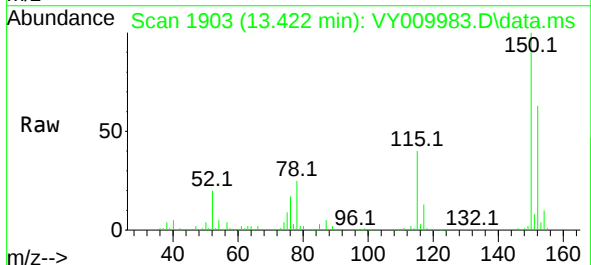
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

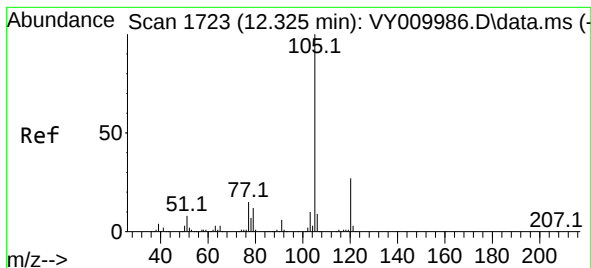
Tgt Ion:173 Resp: 3495
Ion Ratio Lower Upper
173 100
175 49.2 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion:152 Resp: 75344
Ion Ratio Lower Upper
152 100
115 60.9 28.6 85.9
150 160.3 0.0 349.8





#73

Isopropylbenzene

Concen: 4.567 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

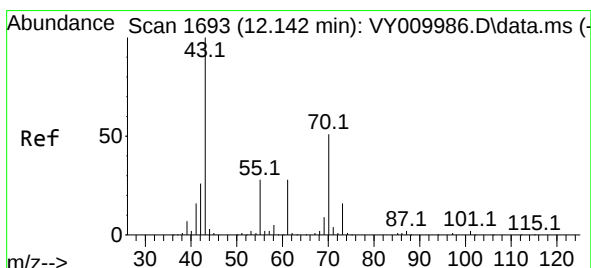
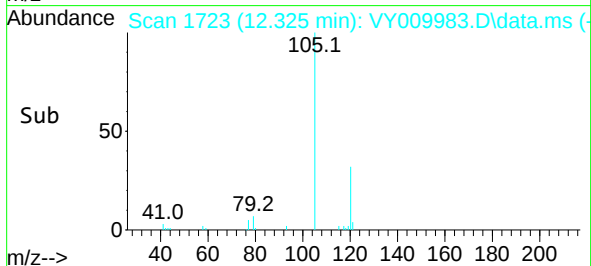
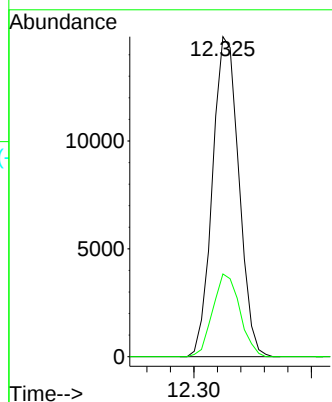
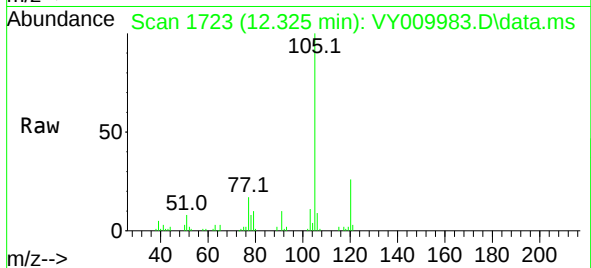
VSTDIC005

Tgt Ion:105 Resp: 23115

Ion Ratio Lower Upper

105 100

120 26.5 13.7 41.1



#74

N-ethyl acetate

Concen: 4.460 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Tgt Ion: 43 Resp: 5902

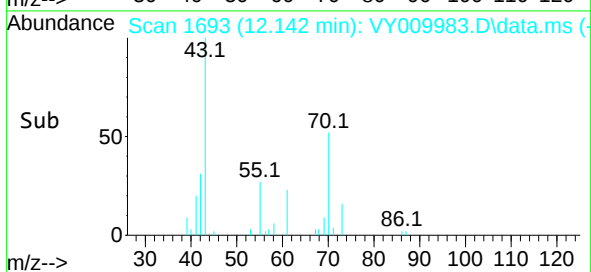
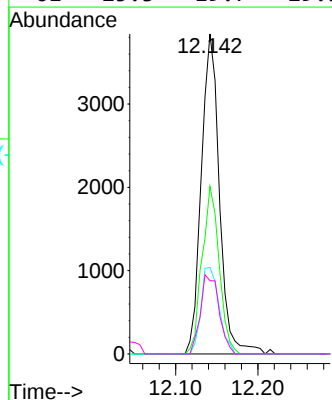
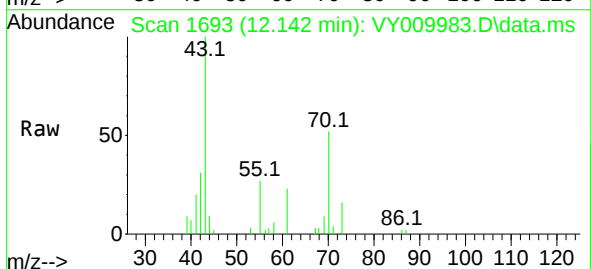
Ion Ratio Lower Upper

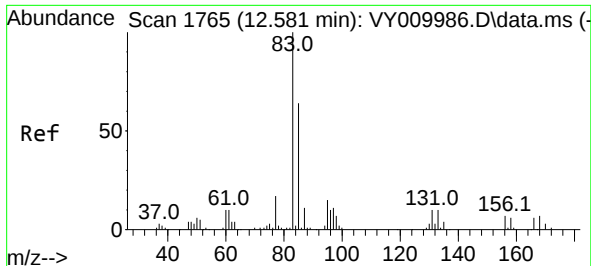
43 100

70 49.2 35.6 53.4

55 26.8 19.5 29.3

61 25.3 19.7 29.5

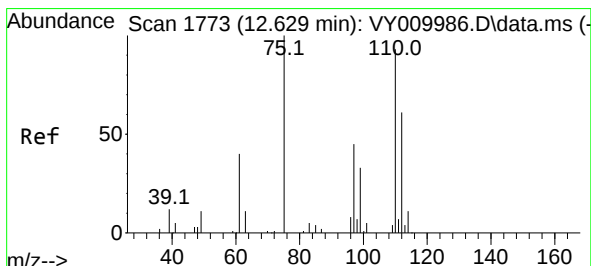
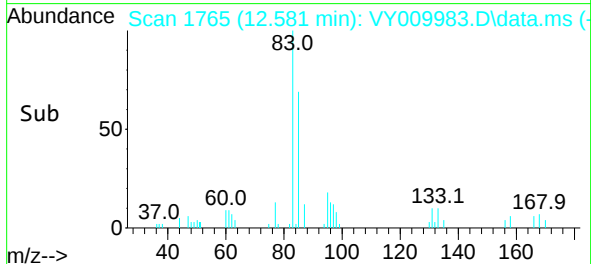
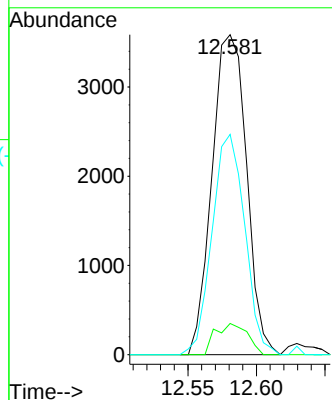
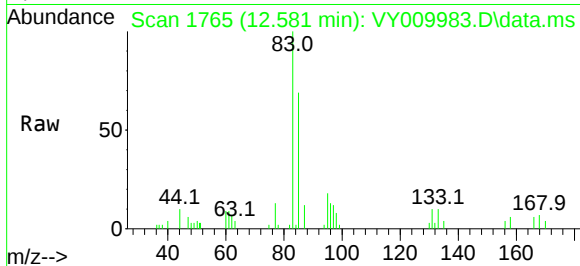




#75
1,1,2,2-Tetrachloroethane
Concen: 5.382 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

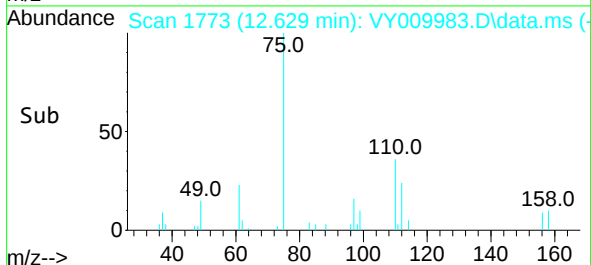
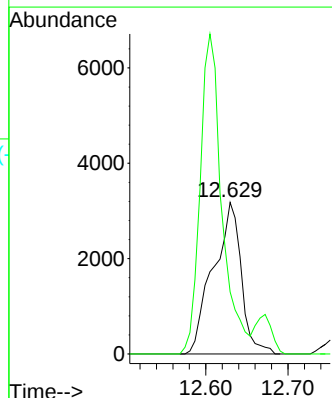
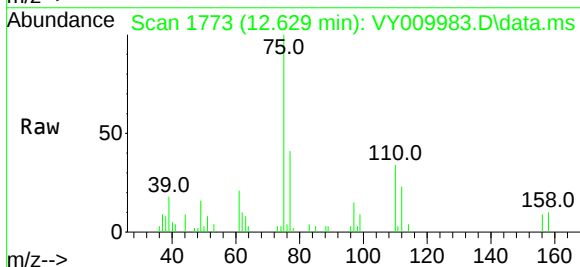
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

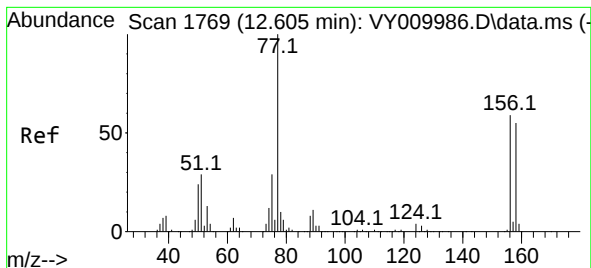
Tgt Ion: 83 Resp: 6282
Ion Ratio Lower Upper
83 100
131 9.0 5.4 16.2
85 65.2 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 5.410 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 75 Resp: 7541
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.720 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

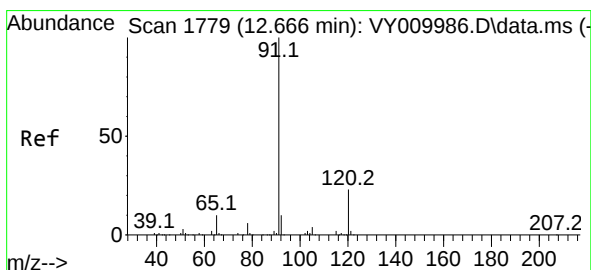
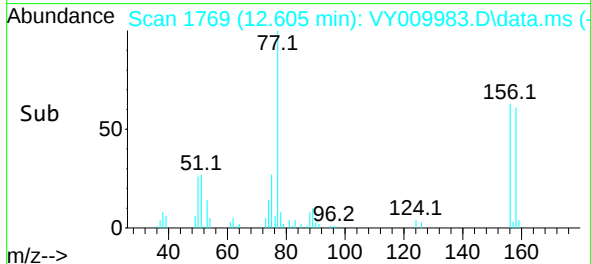
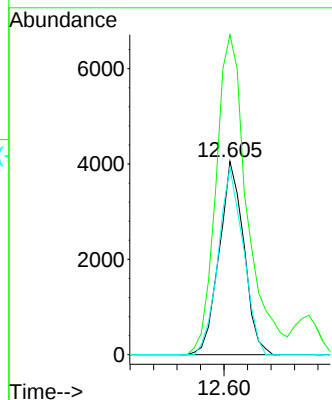
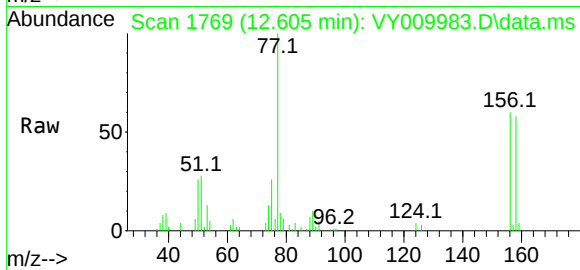
Tgt Ion:156 Resp: 5909

Ion Ratio Lower Upper

156 100

77 208.9 88.1 264.3

158 98.6 48.6 145.8



#78

n-propylbenzene

Concen: 4.416 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009983.D

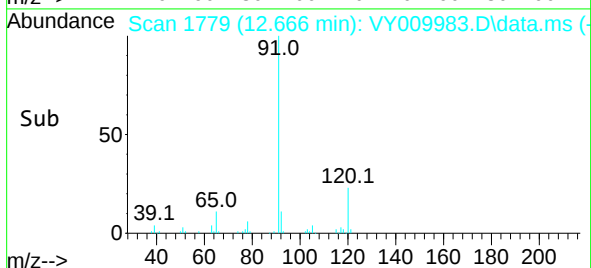
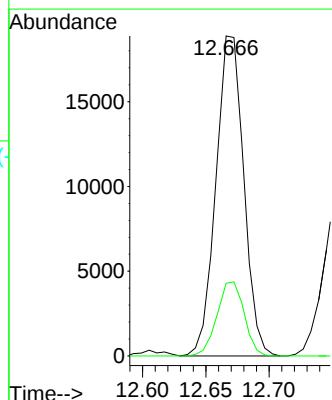
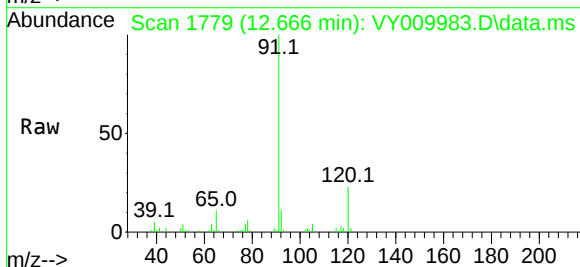
Acq: 12 Aug 2022 13:25

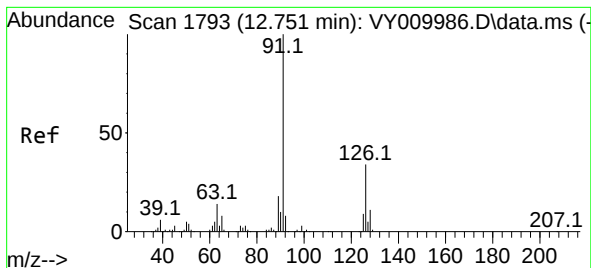
Tgt Ion: 91 Resp: 28922

Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 4.027 ug/l

RT: 12.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

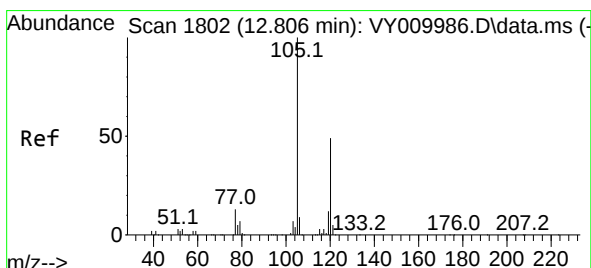
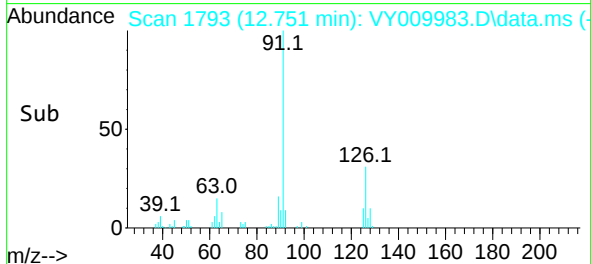
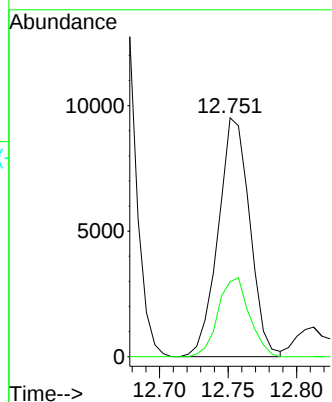
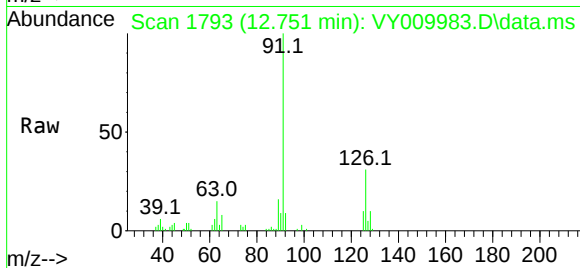
VSTDIC005

Tgt Ion: 91 Resp: 15294

Ion Ratio Lower Upper

91 100

126 32.5 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 3.709 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY009983.D

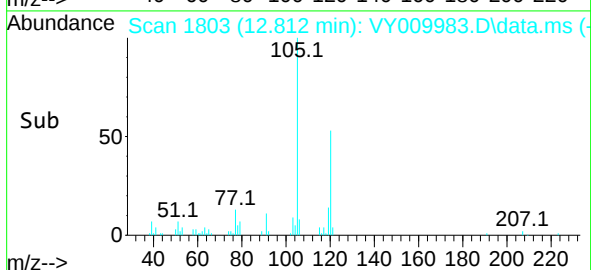
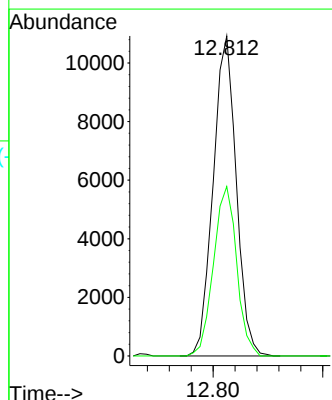
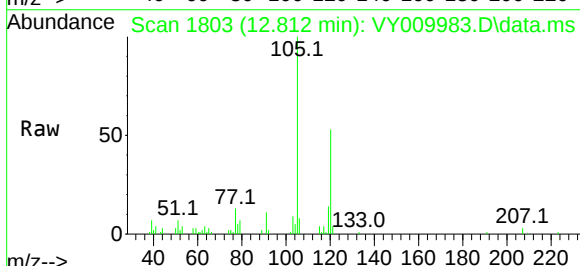
Acq: 12 Aug 2022 13:25

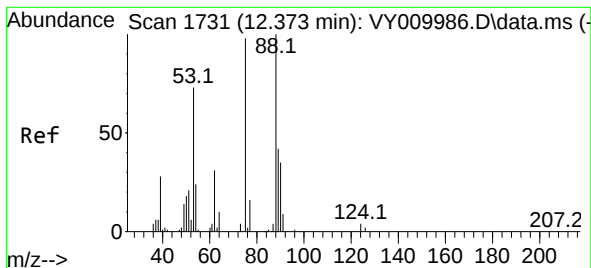
Tgt Ion: 105 Resp: 15960

Ion Ratio Lower Upper

105 100

120 53.1 25.3 75.8

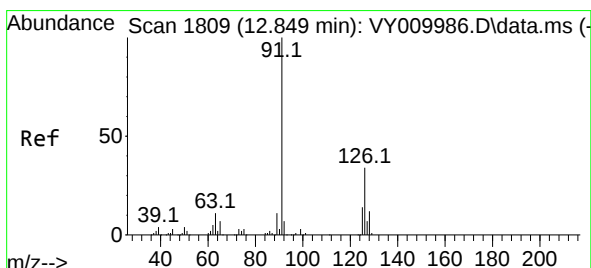
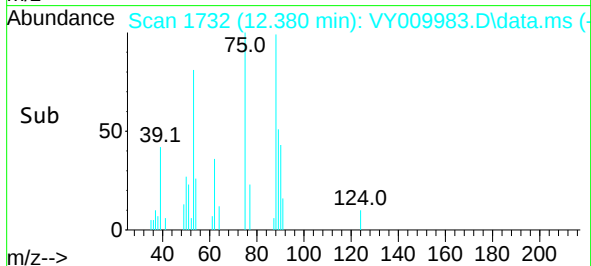
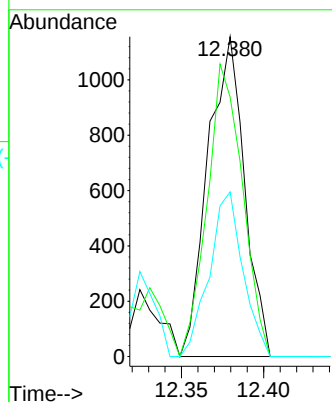
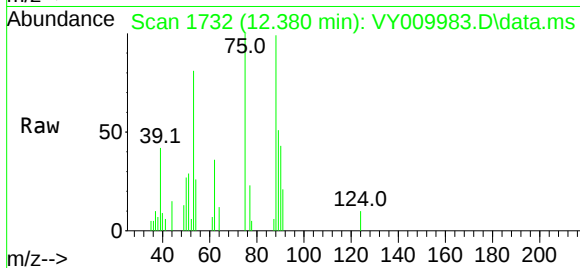




#81
trans-1,4-Dichloro-2-butene
Concen: 4.350 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

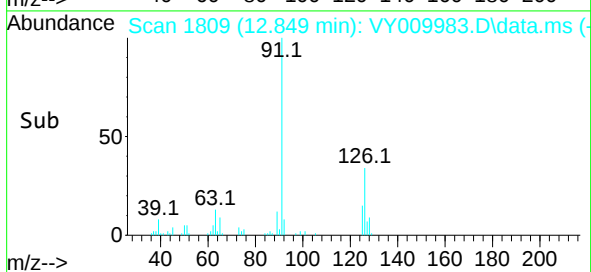
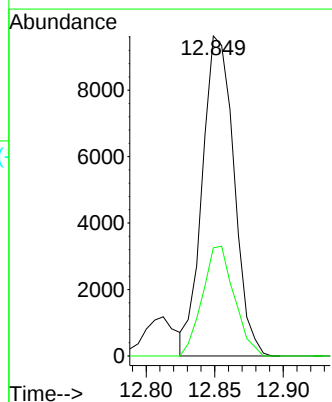
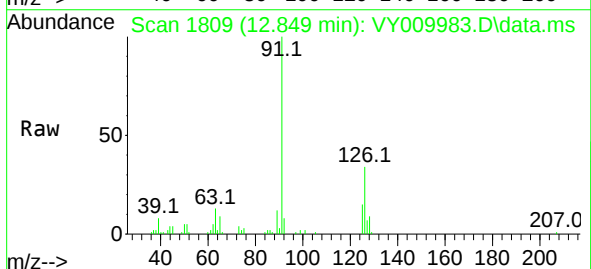
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

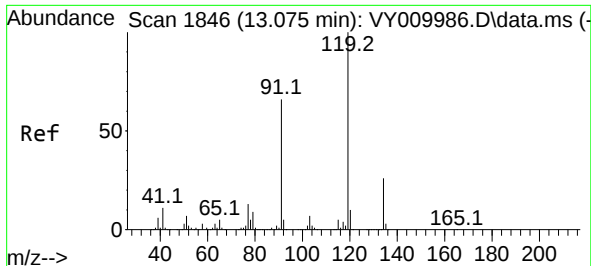
Tgt Ion: 75 Resp: 1786
Ion Ratio Lower Upper
75 100
53 88.2 71.4 107.2
89 47.4 38.1 57.1



#82
4-Chlorotoluene
Concen: 3.971 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 91 Resp: 15456
Ion Ratio Lower Upper
91 100
126 34.5 18.0 54.0

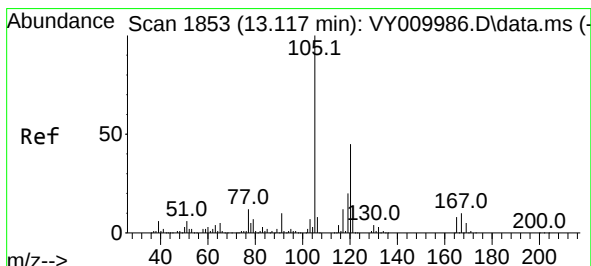
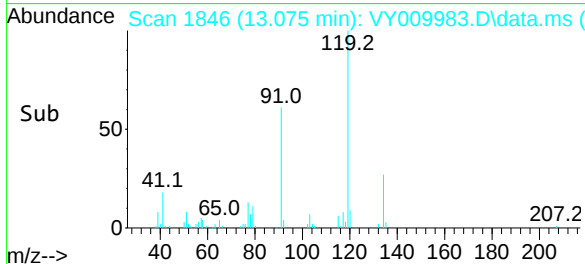
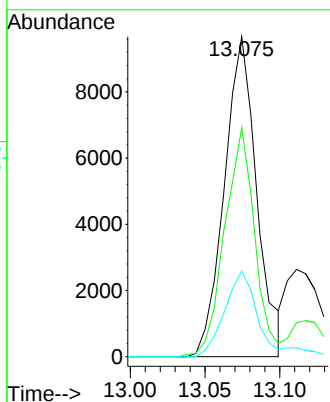
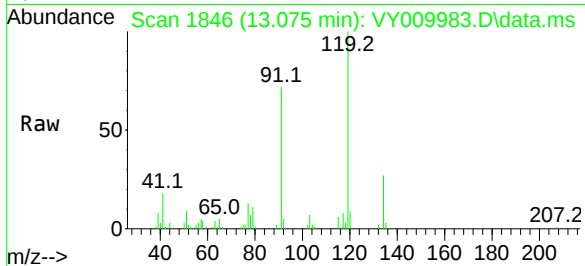




#83
tert-Butylbenzene
Concen: 3.919 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

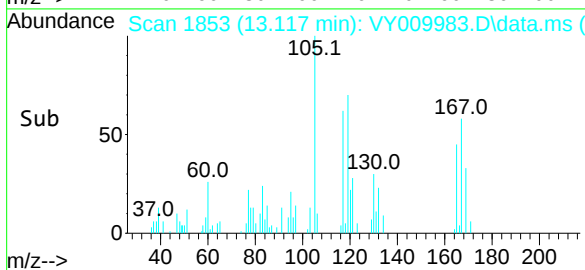
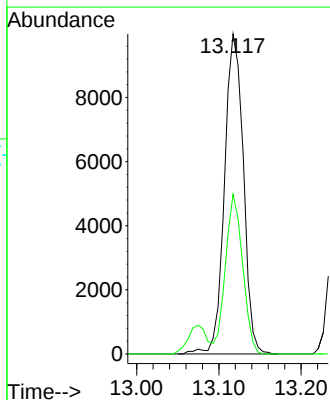
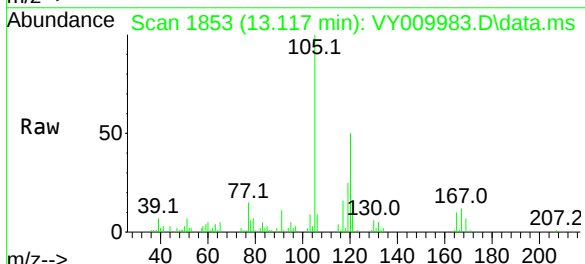
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

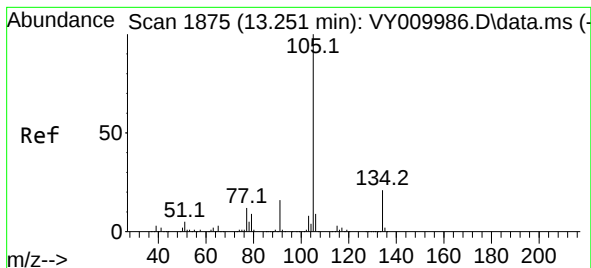
Tgt Ion:	119	Resp:	14549
Ion Ratio	Lower	Upper	
119	100		
91	66.1	32.0	96.0
134	28.4	13.2	39.6



#84
1,2,4-Trimethylbenzene
Concen: 3.749 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion:	105	Resp:	15896
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.4	70.3





#85

sec-Butylbenzene

Concen: 4.250 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

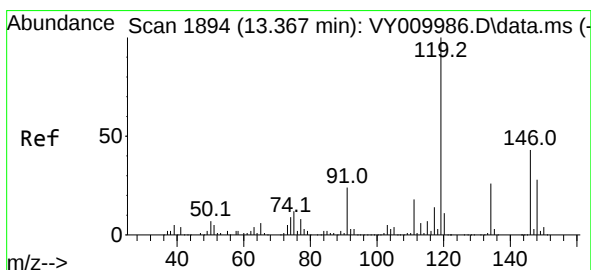
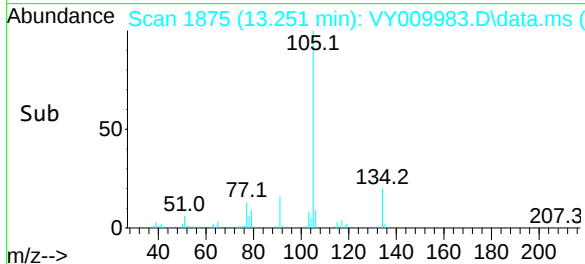
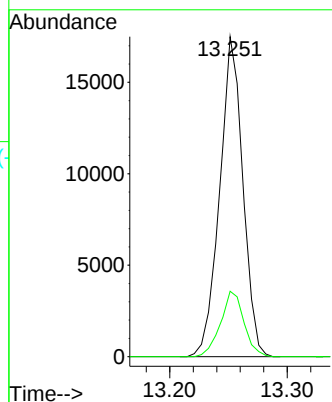
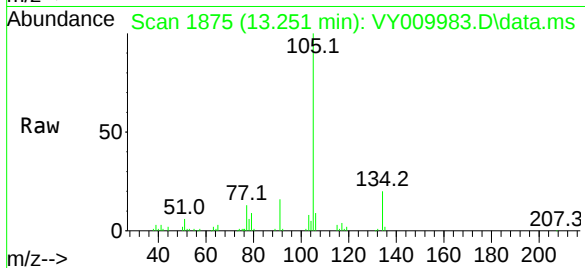
VSTDIC005

Tgt Ion:105 Resp: 23976

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.6



#86

p-Isopropyltoluene

Concen: 3.746 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

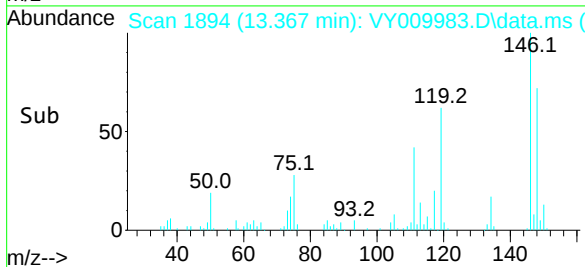
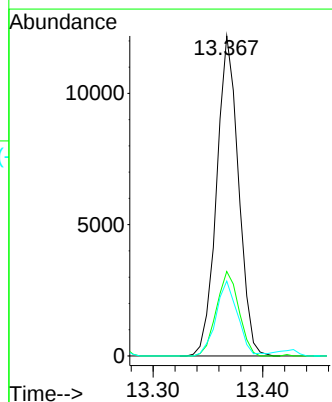
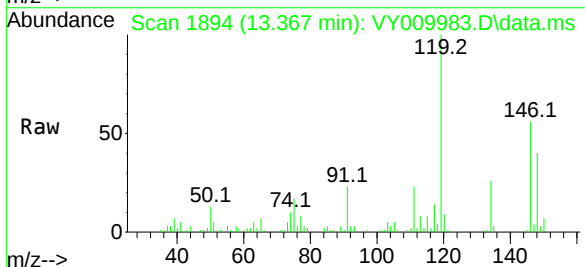
Tgt Ion:119 Resp: 16895

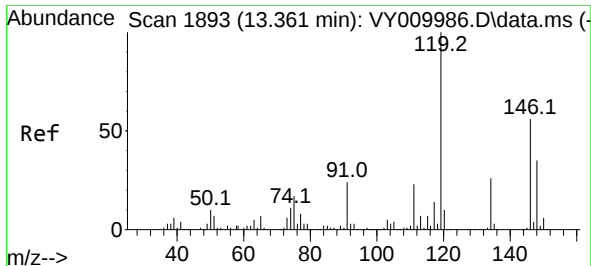
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 23.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 4.210 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

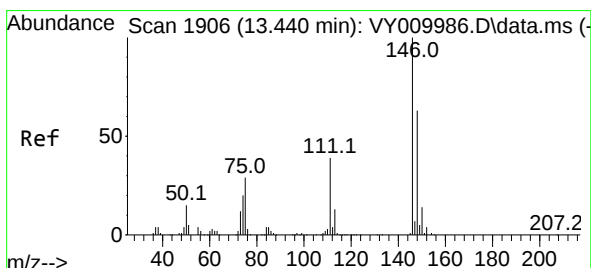
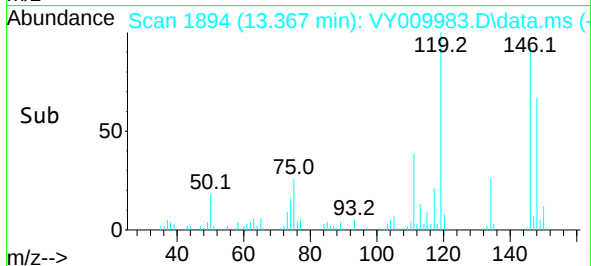
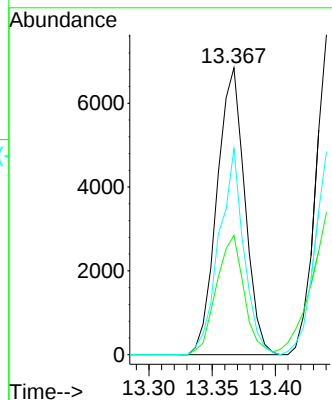
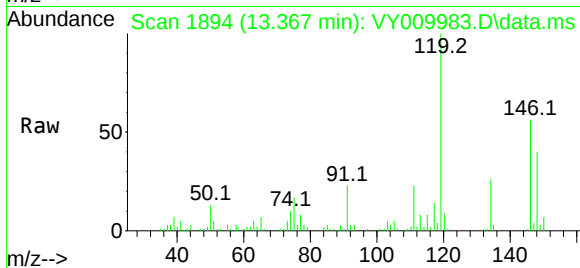
Tgt Ion:146 Resp: 10476

Ion Ratio Lower Upper

146 100

111 41.5 19.1 57.3

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 5.084 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

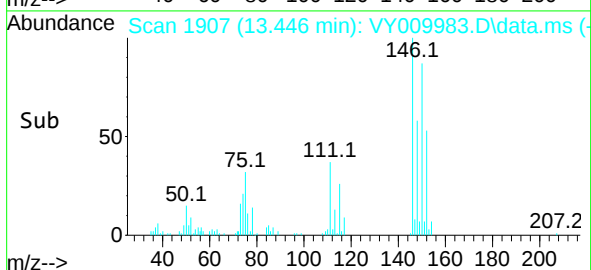
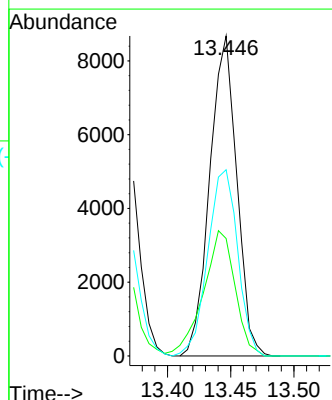
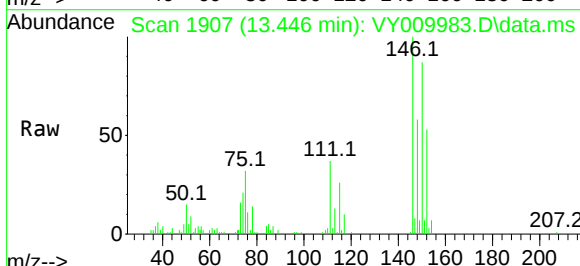
Tgt Ion:146 Resp: 12892

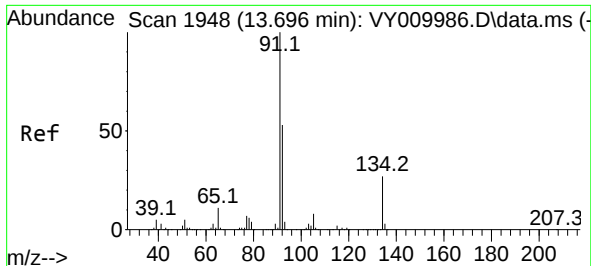
Ion Ratio Lower Upper

146 100

111 46.0 18.9 56.9

148 64.4 31.6 95.0

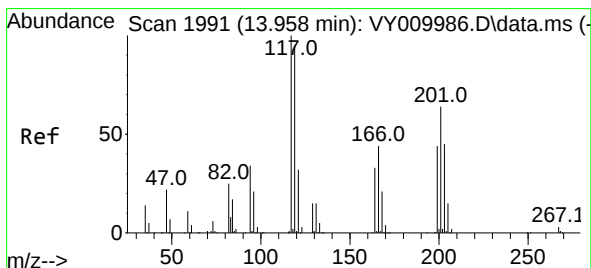
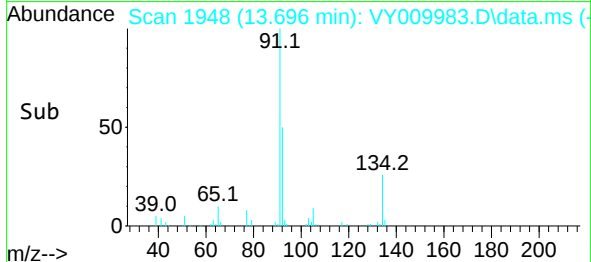
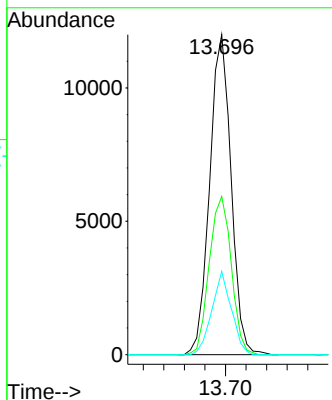
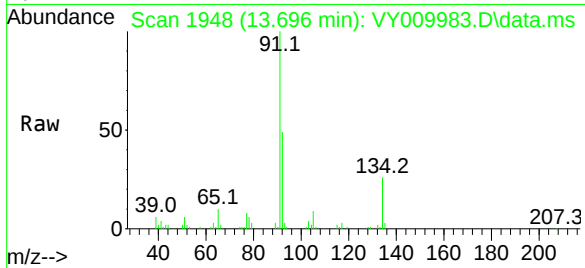




#89
n-Butylbenzene
Concen: 3.993 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

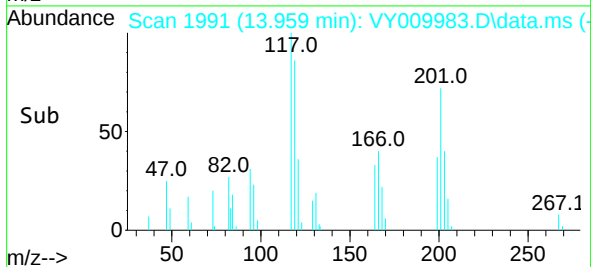
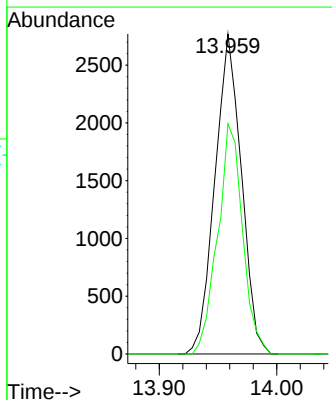
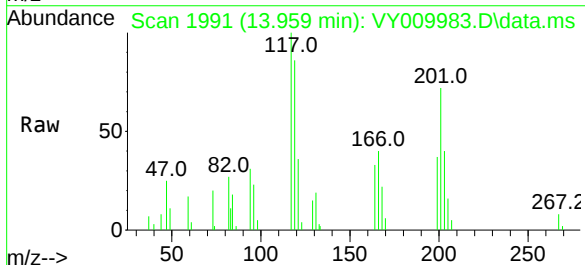
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

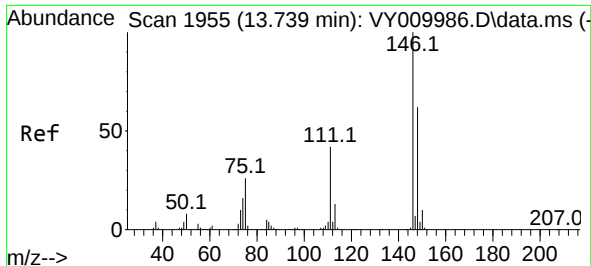
Tgt Ion: 91 Resp: 17334
Ion Ratio Lower Upper
91 100
92 50.9 26.9 80.7
134 23.8 14.0 41.9



#90
Hexachloroethane
Concen: 4.499 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 117 Resp: 4333
Ion Ratio Lower Upper
117 100
201 67.9 38.8 116.3

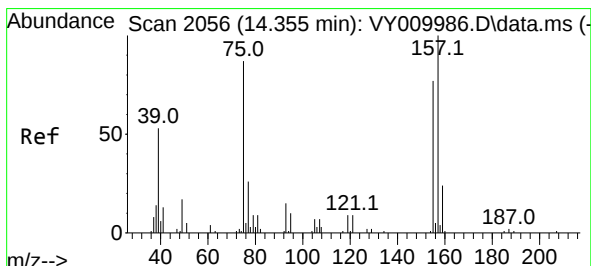
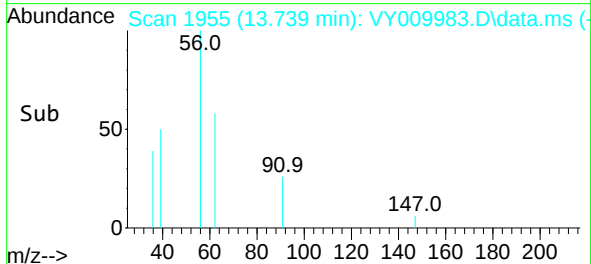
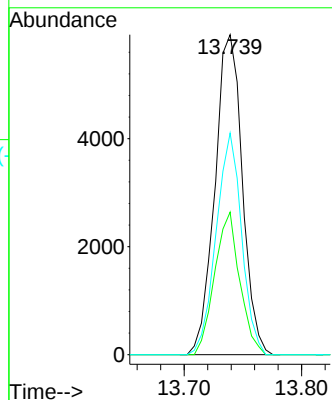
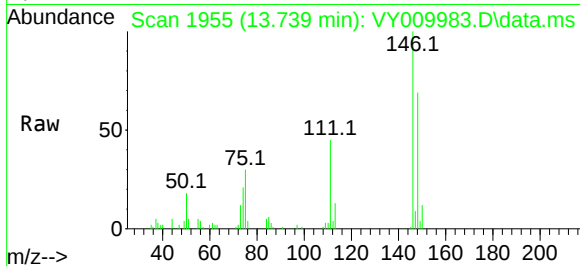




#91
1,2-Dichlorobenzene
Concen: 4.295 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

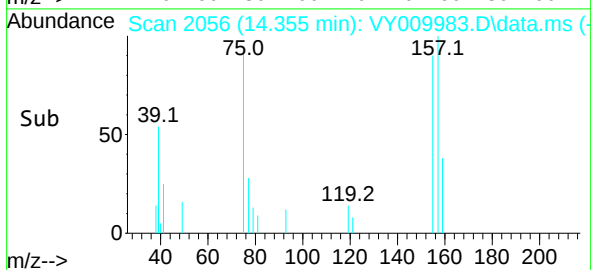
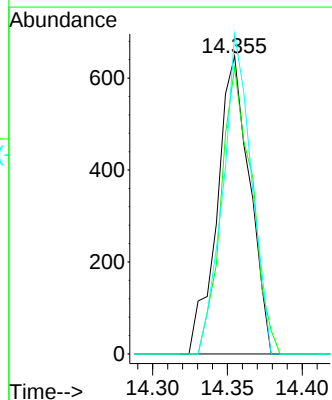
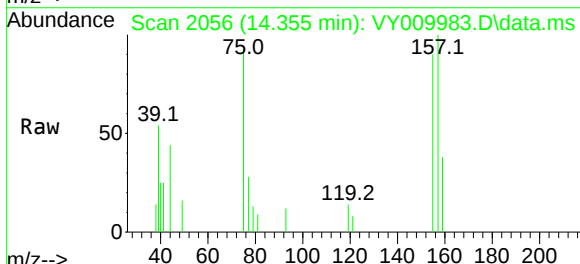
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

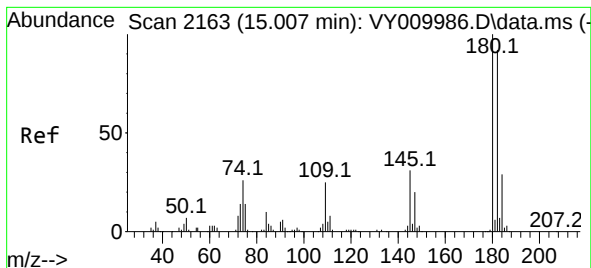
Tgt Ion:146 Resp: 9612
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.1
148 64.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.398 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009983.D
Acq: 12 Aug 2022 13:25

Tgt Ion: 75 Resp: 979
Ion Ratio Lower Upper
75 100
155 90.6 46.4 139.1
157 94.2 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 3.687 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

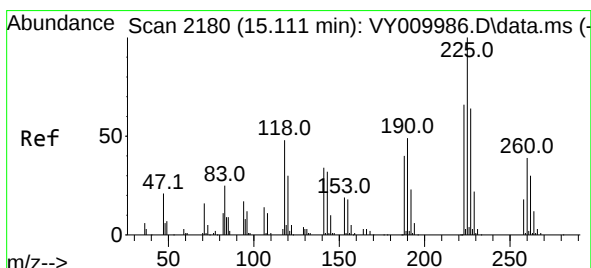
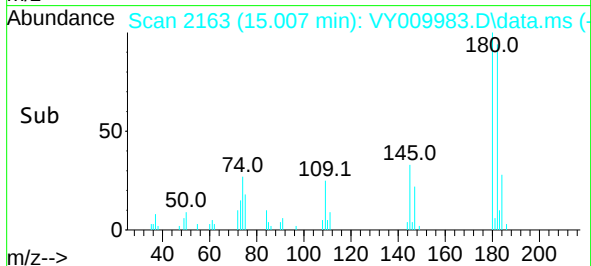
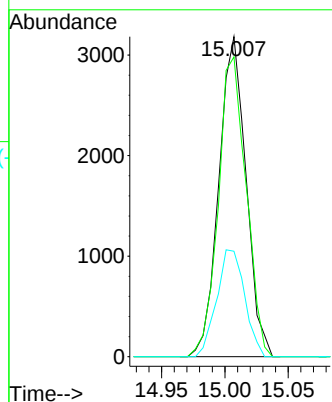
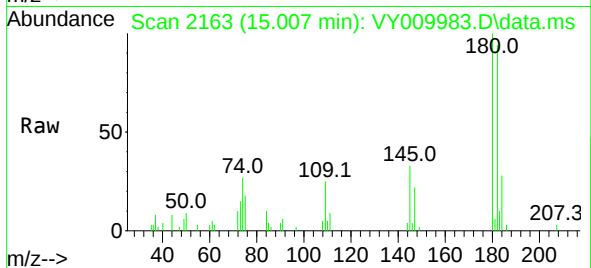
Tgt Ion:180 Resp: 4750

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 34.4 15.1 45.3



#94

Hexachlorobutadiene

Concen: 4.232 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

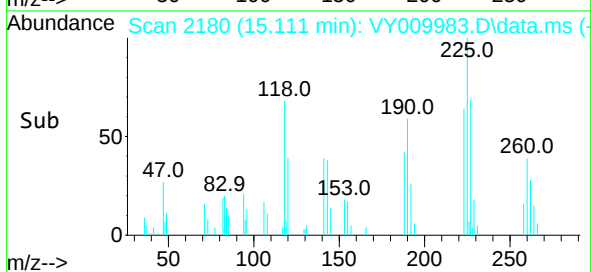
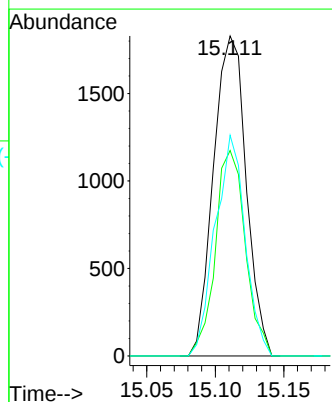
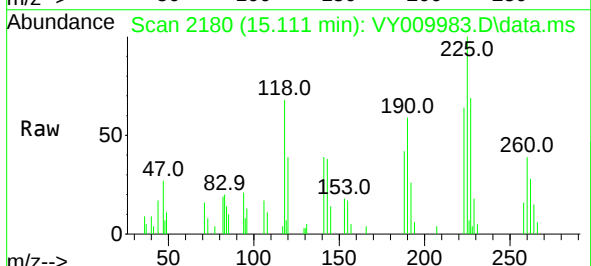
Tgt Ion:225 Resp: 3035

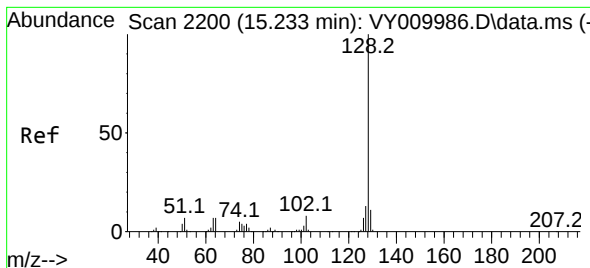
Ion Ratio Lower Upper

225 100

223 58.9 30.8 92.3

227 63.1 31.9 95.5





#95

Naphthalene

Concen: 3.353 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

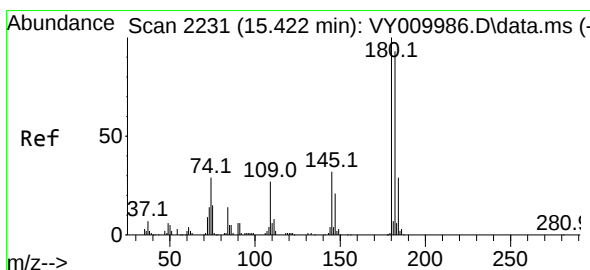
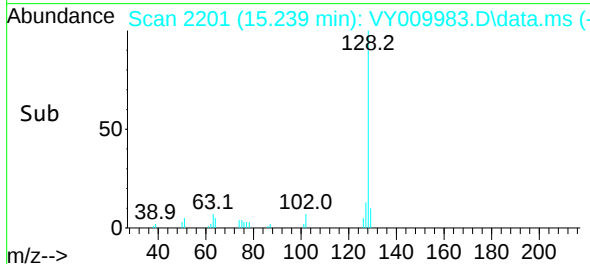
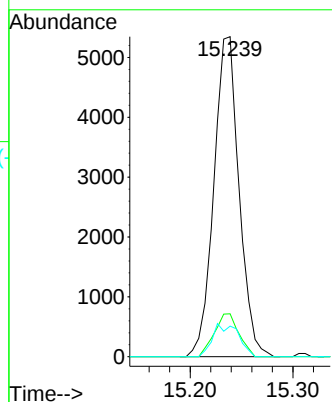
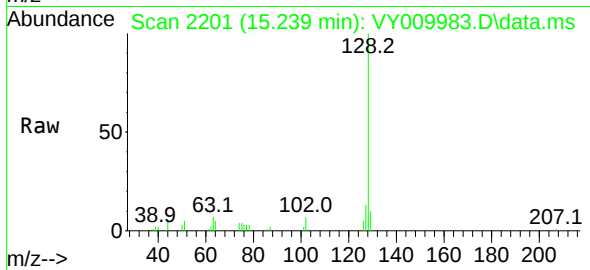
Tgt Ion:128 Resp: 9097

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 3.733 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009983.D

Acq: 12 Aug 2022 13:25

Tgt Ion:180 Resp: 4268

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.0

145 31.1 15.6 46.7

