

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081022\
 Data File : VY009952.D
 Acq On : 10 Aug 2022 15:46
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 10 17:03:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:00:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	73930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	124976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	119472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	15799	23.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	46.580%#
35) Dibromofluoromethane	7.704	113	15686	22.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.940%#
50) Toluene-d8	10.173	98	62611	25.963	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	51.920%
62) 4-Bromofluorobenzene	12.477	95	20201	21.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	42.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14749	23.631	ug/l	97
3) Chloromethane	2.101	50	14497	19.287	ug/l	97
4) Vinyl Chloride	2.241	62	15028	19.212	ug/l	100
5) Bromomethane	2.631	94	9912	18.434	ug/l	97
6) Chloroethane	2.771	64	10575	21.835	ug/l	97
7) Trichlorofluoromethane	3.107	101	29128	22.215	ug/l	99
8) Diethyl Ether	3.515	74	10671	22.828	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	17849	23.253	ug/l	94
10) Methyl Iodide	4.076	142	20309	23.192	ug/l	97
11) Tert butyl alcohol	4.948	59	7360	89.823	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	17089	23.904	ug/l	96
13) Acrolein	3.716	56	10126	375.642	ug/l	97
14) Allyl chloride	4.460	41	27540	21.028	ug/l	98
15) Acrylonitrile	5.149	53	25879	104.642	ug/l	98
16) Acetone	3.942	43	18779	94.144	ug/l	97
17) Carbon Disulfide	4.174	76	56882	25.154	ug/l	100
18) Methyl Acetate	4.460	43	12974	18.475	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	42183	21.345	ug/l	97
20) Methylene Chloride	4.698	84	22008	16.352	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	18985	23.307	ug/l	96
22) Diisopropyl ether	6.106	45	59321	21.506	ug/l	98
23) Vinyl Acetate	6.045	43	181623	105.791	ug/l	98
24) 1,1-Dichloroethane	6.003	63	32548	21.731	ug/l	98
25) 2-Butanone	6.978	43	32346	96.790	ug/l	99
26) 2,2-Dichloropropane	6.966	77	25978	20.237	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	20289	21.895	ug/l	98
28) Bromochloromethane	7.319	49	13637	24.835	ug/l	93
29) Tetrahydrofuran	7.338	42	22624	102.518	ug/l	96
30) Chloroform	7.496	83	32337	21.460	ug/l	99
31) Cyclohexane	7.777	56	32138	22.346	ug/l #	89
32) 1,1,1-Trichloroethane	7.691	97	27134	21.368	ug/l	98
36) 1,1-Dichloropropene	7.905	75	25924	22.459	ug/l	98
37) Ethyl Acetate	7.063	43	14584	19.421	ug/l	99
38) Carbon Tetrachloride	7.892	117	24330	21.383	ug/l	99
39) Methylcyclohexane	9.179	83	30670	22.537	ug/l	98
40) Benzene	8.149	78	76774	22.175	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	6811	16.576	ug/l	# 100
42) 1,2-Dichloroethane	8.228	62	19971	20.892	ug/l	97
43) Isopropyl Acetate	8.264	43	26259	19.726	ug/l	99
44) Trichloroethene	8.929	130	19063	21.239	ug/l	93
45) 1,2-Dichloropropane	9.209	63	19221	21.447	ug/l	98
46) Dibromomethane	9.295	93	10701	21.392	ug/l	94
47) Bromodichloromethane	9.490	83	24089	20.998	ug/l	99
48) Methyl methacrylate	9.289	41	11277	19.020	ug/l	99
49) 1,4-Dioxane	9.295	88	2412	434.125	ug/l	95
51) 4-Methyl-2-Pentanone	10.063	43	72901	99.097	ug/l	99
52) Toluene	10.240	92	47707	22.190	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	24408	20.285	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	28420	20.681	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	15634	21.668	ug/l	95
56) Ethyl methacrylate	10.508	69	18923	20.368	ug/l	97
57) 1,3-Dichloropropane	10.788	76	25711	21.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	50598	114.190	ug/l	97
59) 2-Hexanone	10.825	43	49720	99.506	ug/l	99
60) Dibromochloromethane	10.977	129	17282	20.794	ug/l	99
61) 1,2-Dibromoethane	11.081	107	13730	20.080	ug/l	96
64) Tetrachloroethene	10.715	164	17855	20.180	ug/l	94
65) Chlorobenzene	11.514	112	51945	21.703	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	18479	21.218	ug/l	97
67) Ethyl Benzene	11.587	91	88869	21.253	ug/l	96
68) m/p-Xylenes	11.697	106	65882	40.758	ug/l	94
69) o-Xylene	12.026	106	30137	19.997	ug/l	99
70) Styrene	12.038	104	51332	19.775	ug/l	99
71) Bromoform	12.203	173	10838	20.369	ug/l	# 97
73) Isopropylbenzene	12.325	105	77253	20.660	ug/l	100
74) N-amyl acetate	12.142	43	24992	20.913	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	17650	20.734	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	22415	37.095	ug/l	# 100
77) Bromobenzene	12.605	156	19035	21.207	ug/l	90
78) n-propylbenzene	12.666	91	100636	21.245	ug/l	99
79) 2-Chlorotoluene	12.751	91	56163	21.160	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	66912	21.397	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	5710	19.019	ug/l	98
82) 4-Chlorotoluene	12.849	91	59041	21.140	ug/l	97
83) tert-Butylbenzene	13.074	119	58105	21.677	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	66063	21.588	ug/l	98
85) sec-Butylbenzene	13.251	105	86912	21.051	ug/l	98
86) p-Isopropyltoluene	13.367	119	69892	20.894	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	37666	20.962	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	38497	21.081	ug/l	98
89) n-Butylbenzene	13.696	91	72385	22.083	ug/l	96
90) Hexachloroethane	13.958	117	15175	21.664	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	35948	22.038	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2741	20.432	ug/l	87
93) 1,2,4-Trichlorobenzene	15.001	180	18483	19.903	ug/l	98
94) Hexachlorobutadiene	15.111	225	10753	20.578	ug/l	98
95) Naphthalene	15.233	128	37484	19.395	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	16899	20.522	ug/l	98

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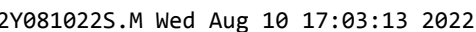
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

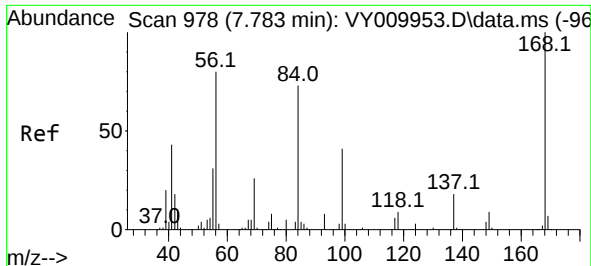
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Quant Title : SW846 8260
QLast Update : Wed Aug 10 17:00:31 2022
Response via : Initial Calibration

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

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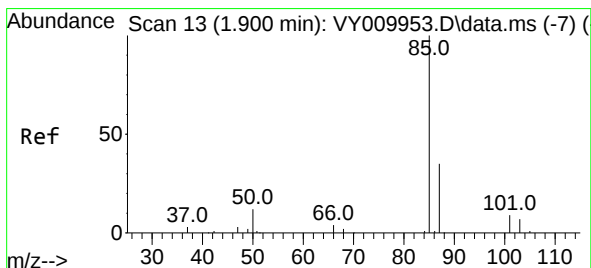
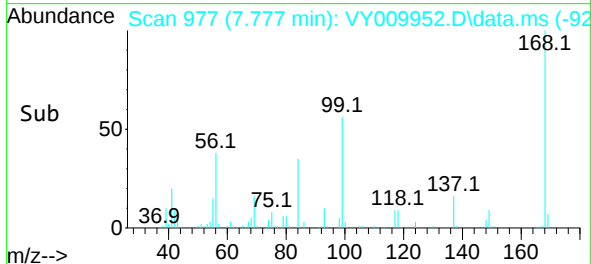
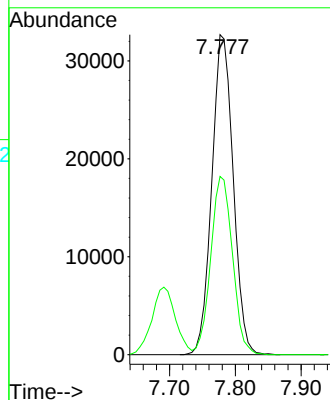
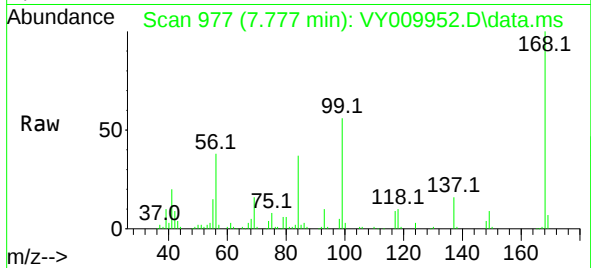




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009952.D
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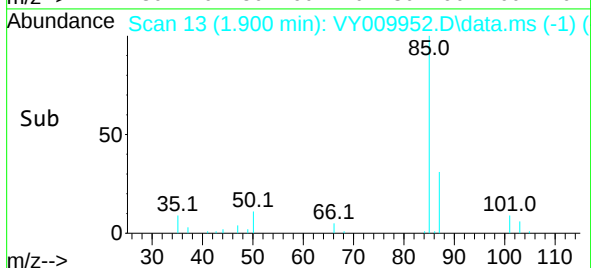
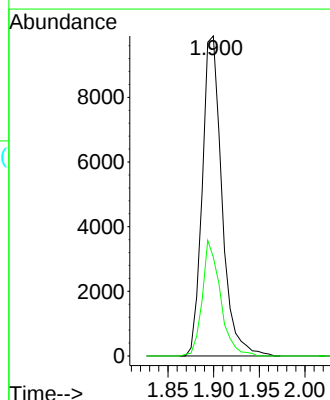
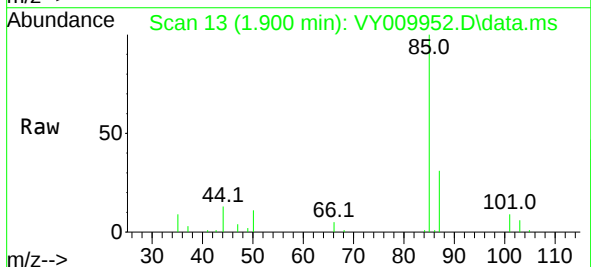
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ClientSampleId :
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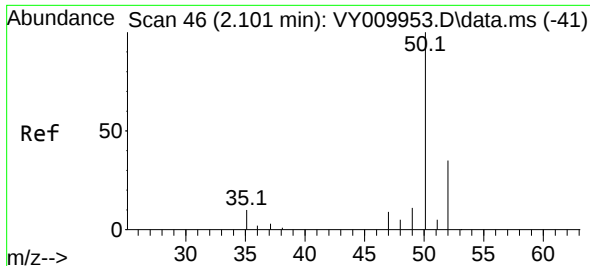
Tgt Ion:168 Resp: 73930
Ion Ratio Lower Upper
168 100
99 55.7 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 23.631 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 85 Resp: 14749
Ion Ratio Lower Upper
85 100
87 30.9 16.2 48.5

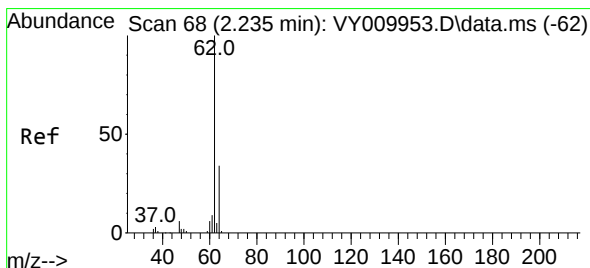
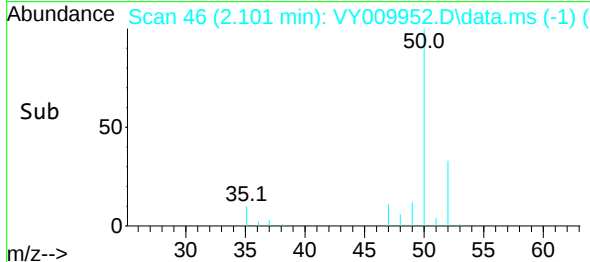
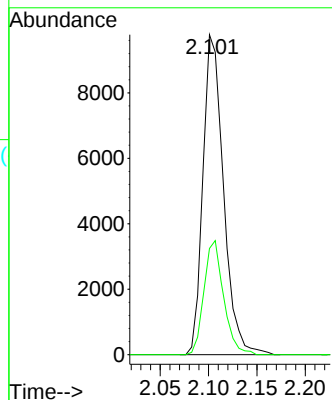
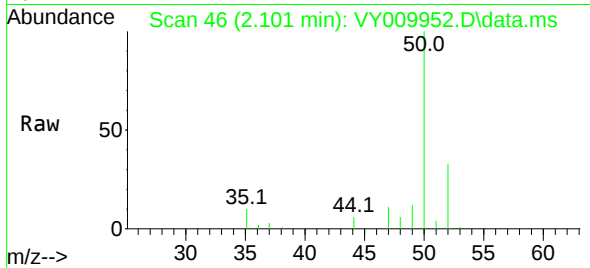




#3
Chloromethane
Concen: 19.287 ug/l
RT: 2.101 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

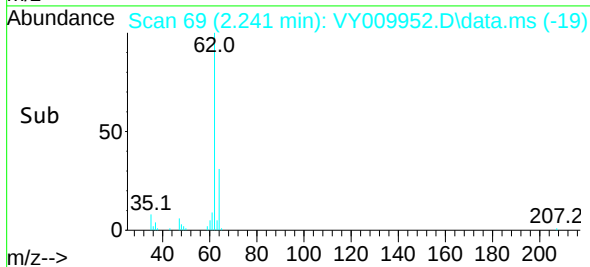
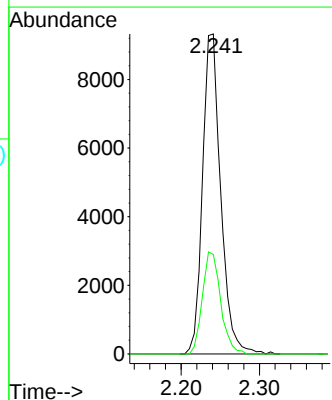
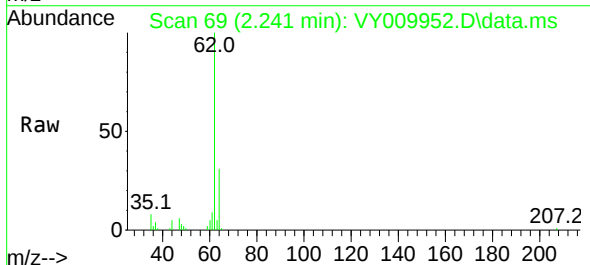
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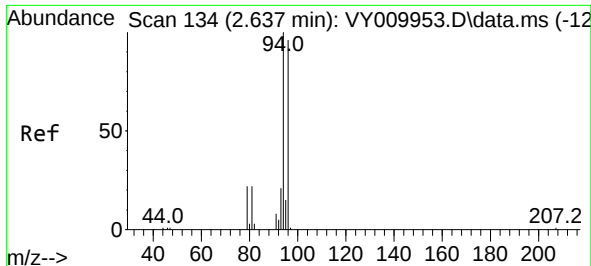
Tgt Ion: 50 Resp: 14497
Ion Ratio Lower Upper
50 100
52 33.2 27.9 41.9



#4
Vinyl Chloride
Concen: 19.212 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 62 Resp: 15028
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.4

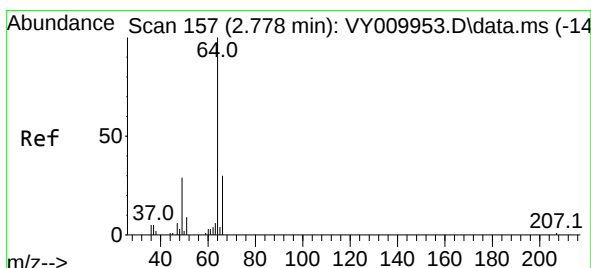
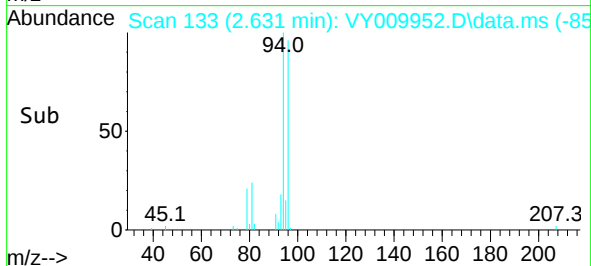
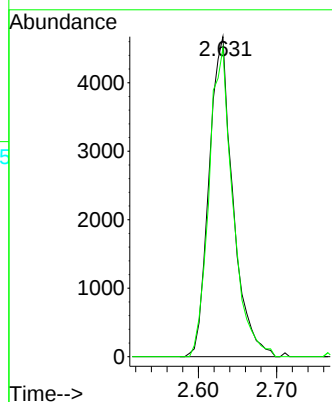
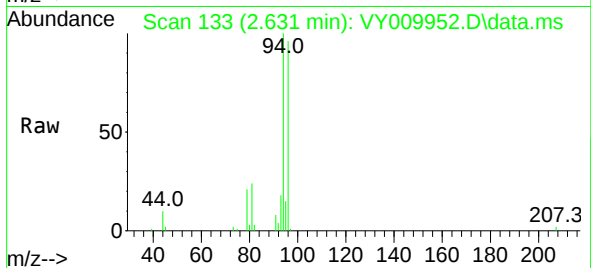




#5
Bromomethane
Concen: 18.434 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

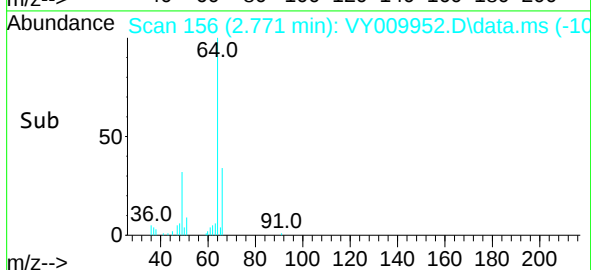
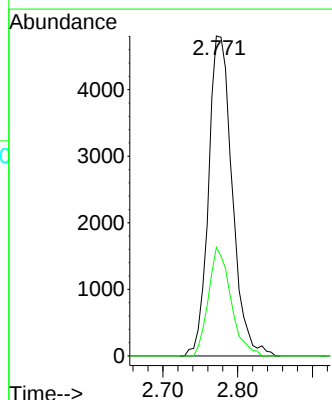
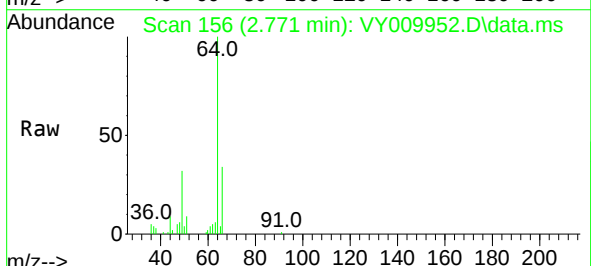
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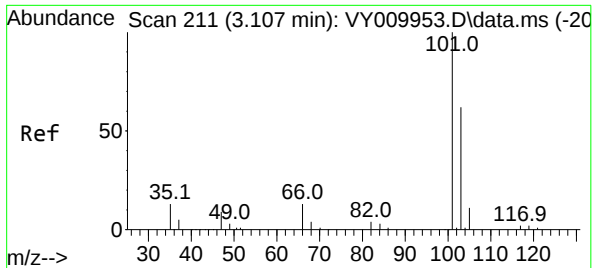
Tgt Ion: 94 Resp: 9912
Ion Ratio Lower Upper
94 100
96 96.5 74.6 111.8



#6
Chloroethane
Concen: 21.835 ug/l
RT: 2.771 min Scan# 156
Delta R.T. -0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 64 Resp: 10575
Ion Ratio Lower Upper
64 100
66 34.0 25.8 38.8

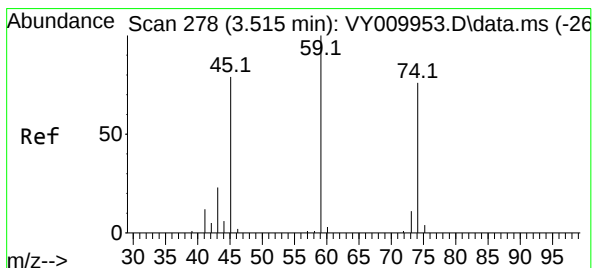
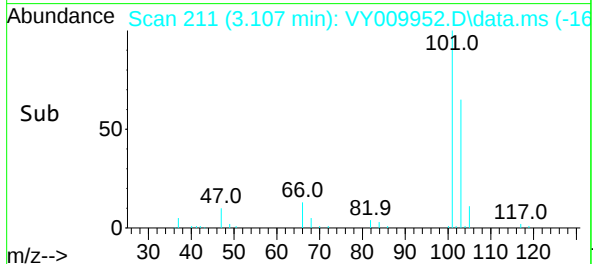
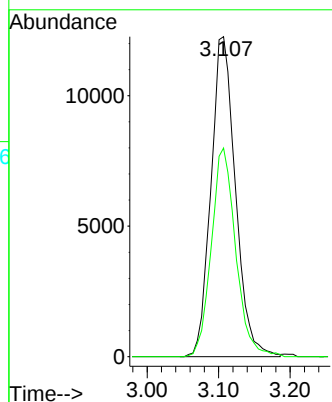
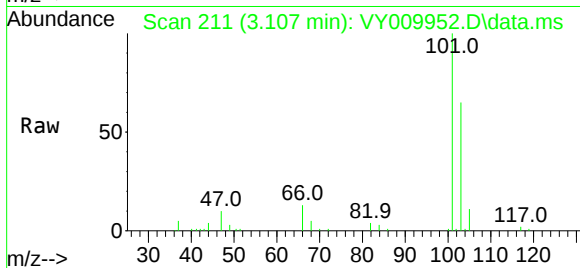




#7
 Trichlorofluoromethane
 Concen: 22.215 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY009952.D
 Acq: 10 Aug 2022 15:46

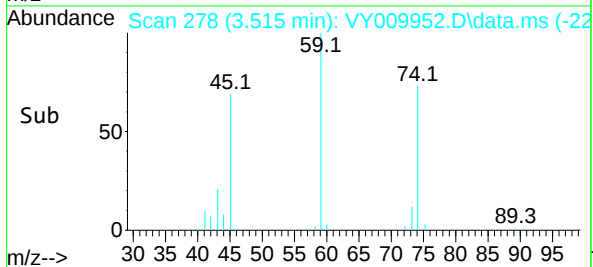
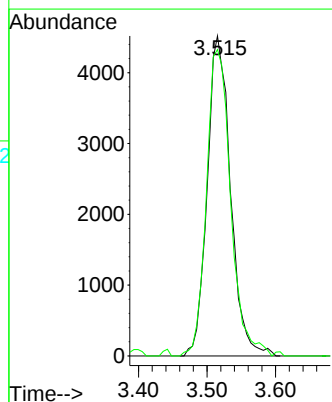
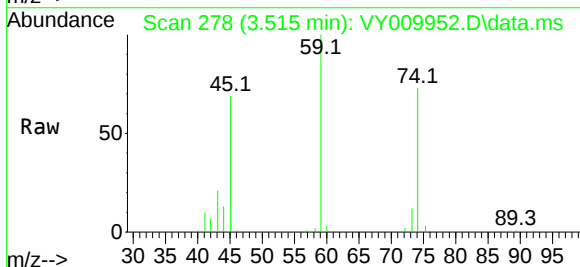
Instrument :
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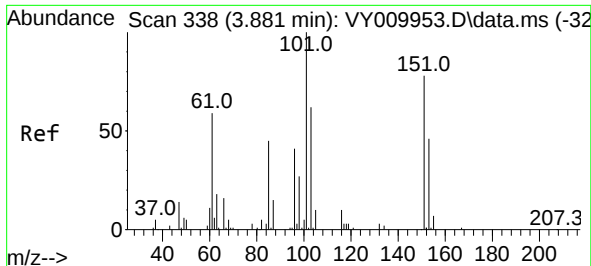
Tgt Ion:101 Resp: 29128
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 22.828 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VY009952.D
 Acq: 10 Aug 2022 15:46

Tgt Ion: 74 Resp: 10671
 Ion Ratio Lower Upper
 74 100
 45 99.6 49.1 147.4

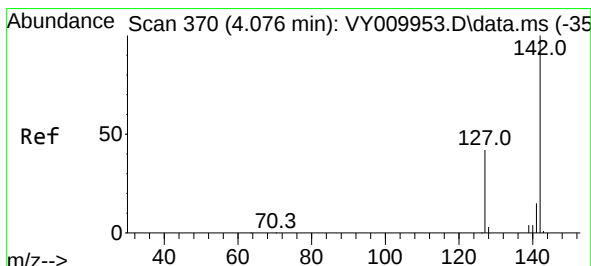
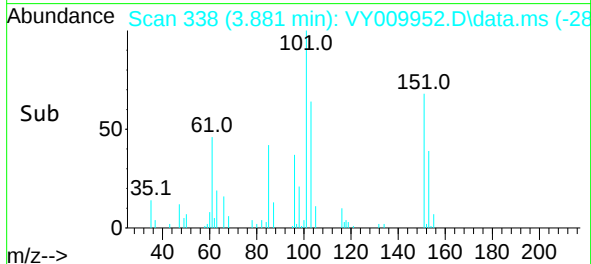
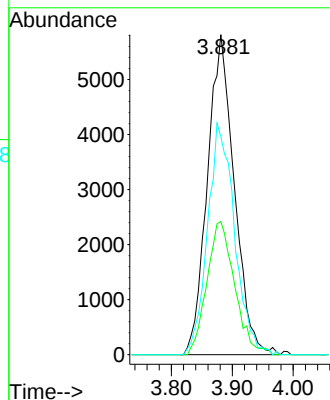
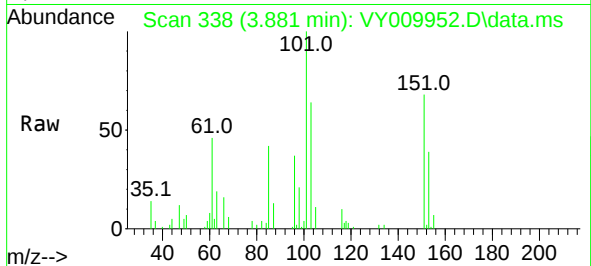




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.253 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

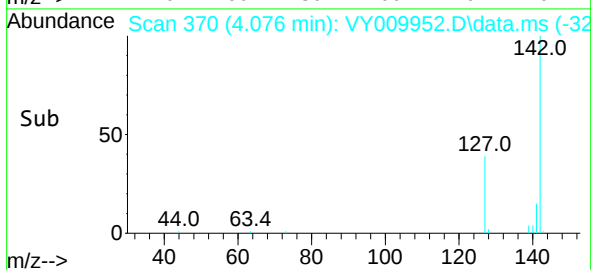
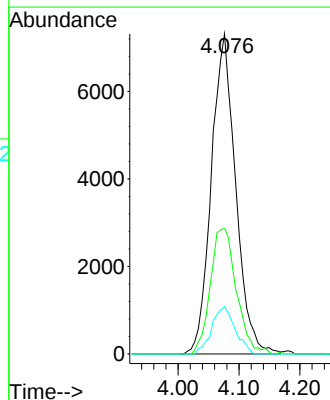
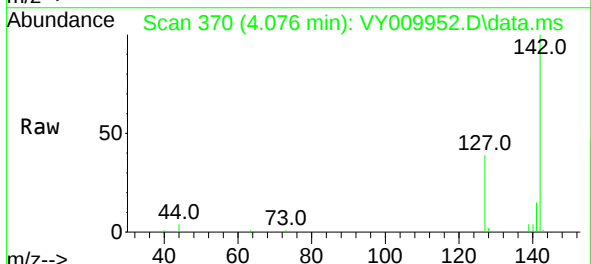
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

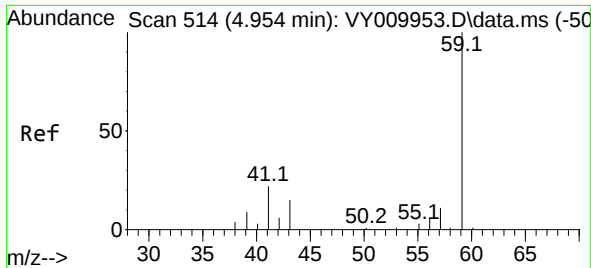
Tgt Ion:101 Resp: 17849
Ion Ratio Lower Upper
101 100
85 42.8 36.2 54.2
151 72.7 63.6 95.4



#10
Methyl Iodide
Concen: 23.192 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion:142 Resp: 20309
Ion Ratio Lower Upper
142 100
127 41.9 35.2 52.8
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 89.823 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

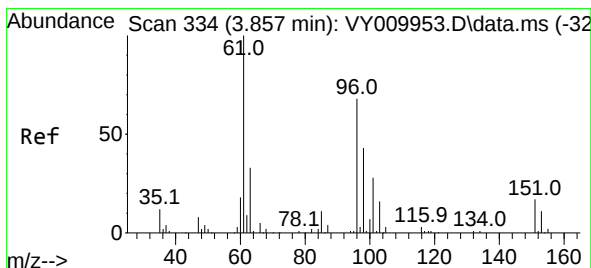
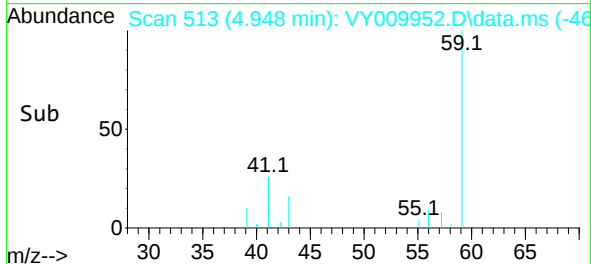
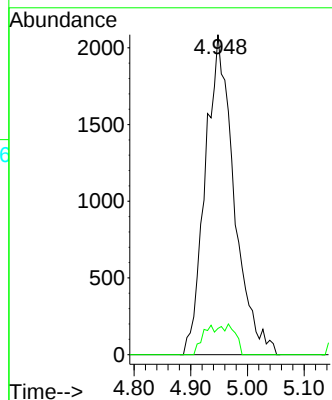
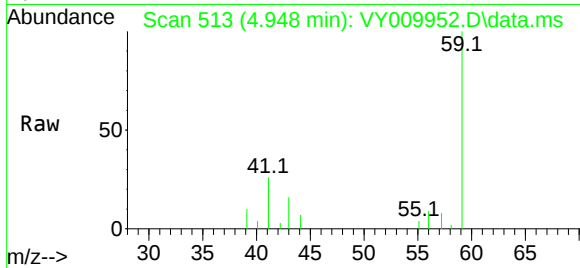
VSTDIC020

Tgt Ion: 59 Resp: 7360

Ion Ratio Lower Upper

59 100

57 4.0 6.3 9.5#



#12

1,1-Dichloroethene

Concen: 23.904 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

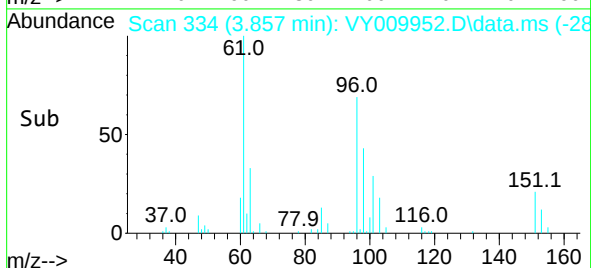
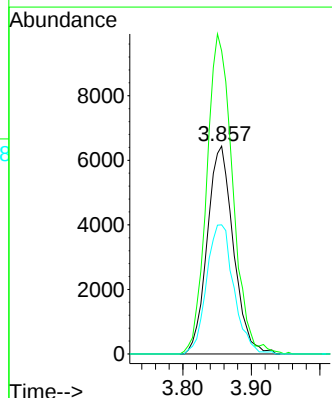
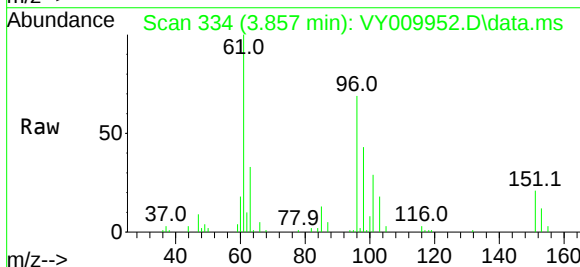
Tgt Ion: 96 Resp: 17089

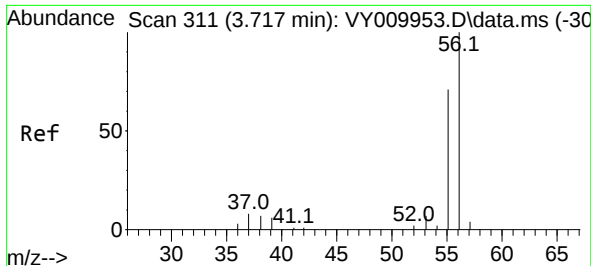
Ion Ratio Lower Upper

96 100

61 145.8 121.9 182.9

98 62.1 48.2 72.4





#13

Acrolein

Concen: 375.642 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

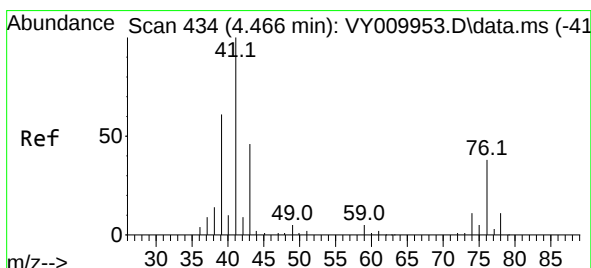
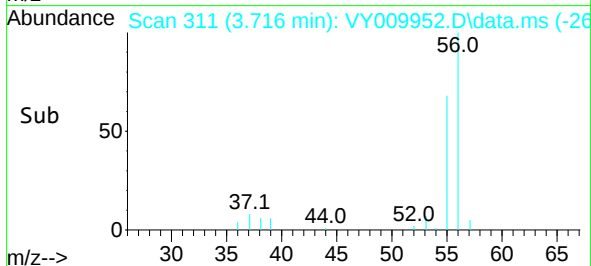
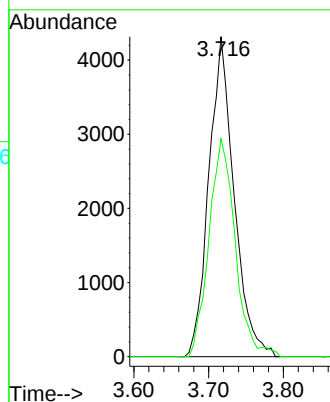
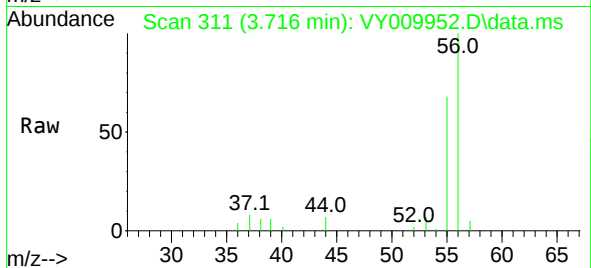
VSTDICC020

Tgt Ion: 56 Resp: 10126

Ion Ratio Lower Upper

56 100

55 70.8 54.8 82.2



#14

Allyl chloride

Concen: 21.028 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

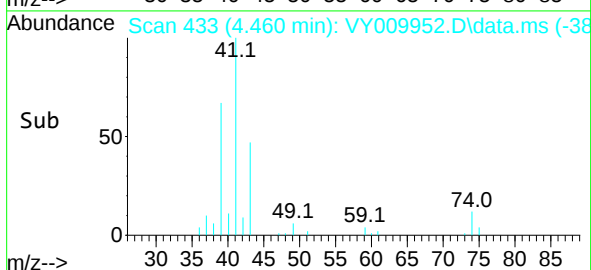
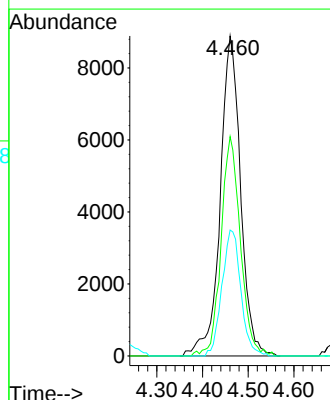
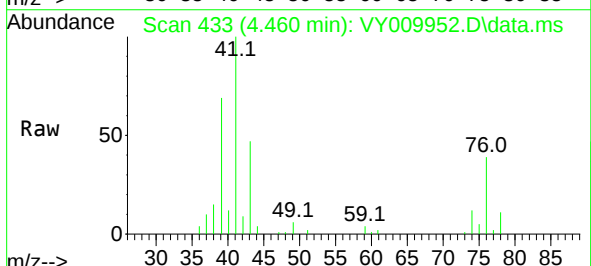
Tgt Ion: 41 Resp: 27540

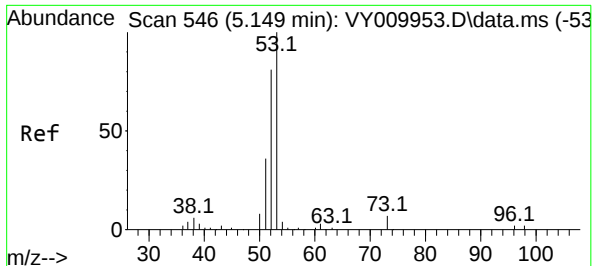
Ion Ratio Lower Upper

41 100

39 65.1 53.5 80.3

76 36.4 29.4 44.0

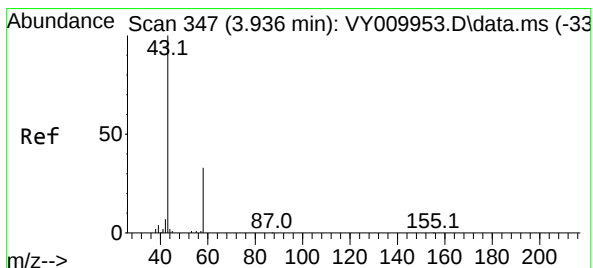
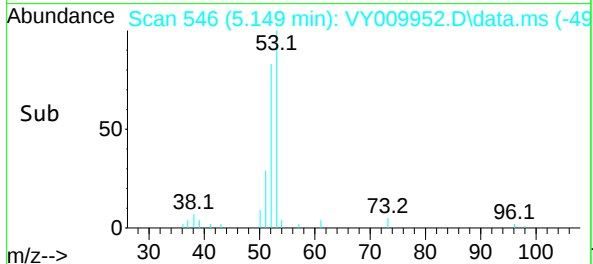
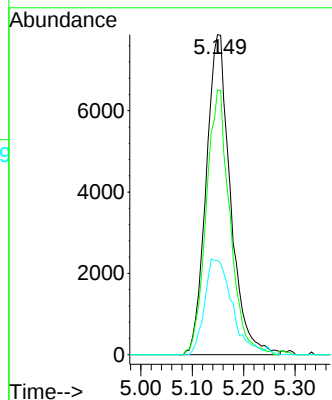
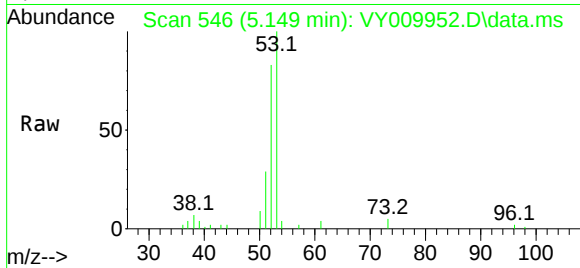




#15
Acrylonitrile
Concen: 104.642 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

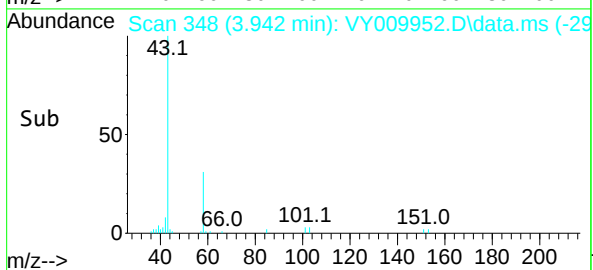
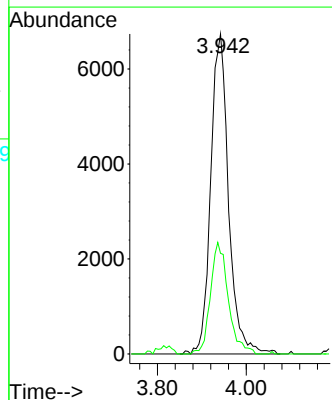
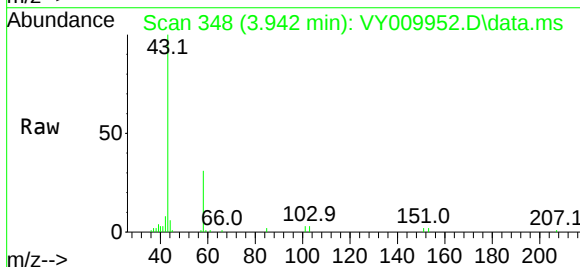
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

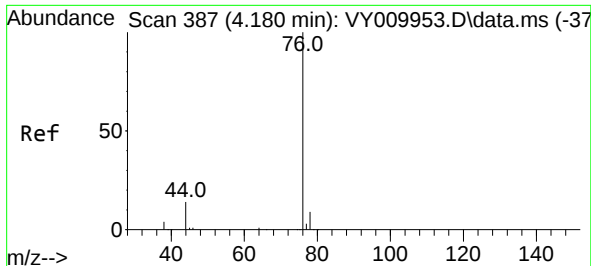
Tgt Ion: 53	Resp:	25879
Ion	Ratio	Lower Upper
53	100	
52	80.5	65.4 98.2
51	33.6	28.4 42.6



#16
Acetone
Concen: 94.144 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 43	Resp:	18779
Ion	Ratio	Lower Upper
43	100	
58	31.5	24.0 36.0

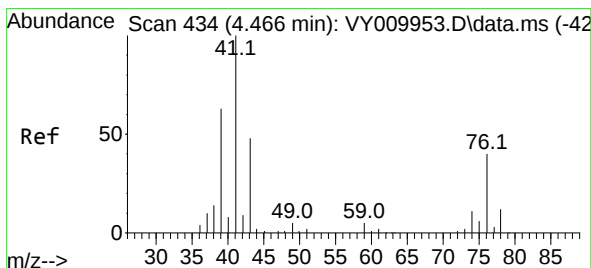
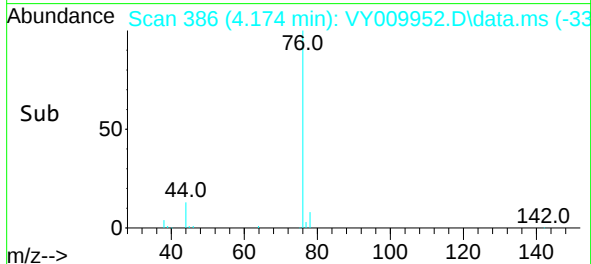
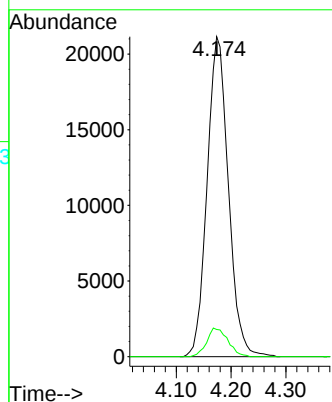
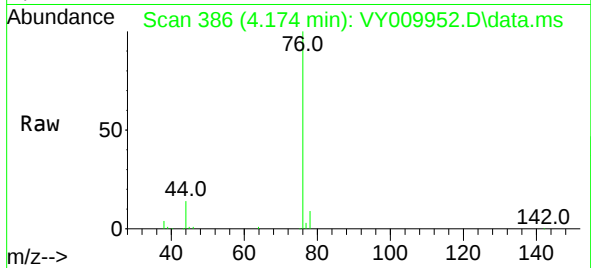




#17
Carbon Disulfide
Concen: 25.154 ug/l
RT: 4.174 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

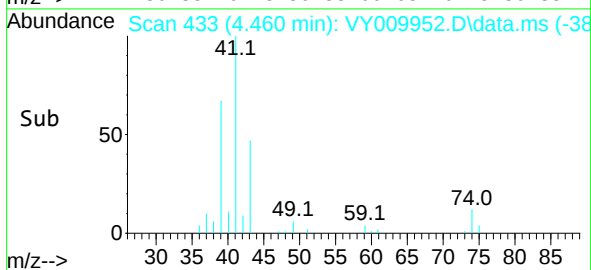
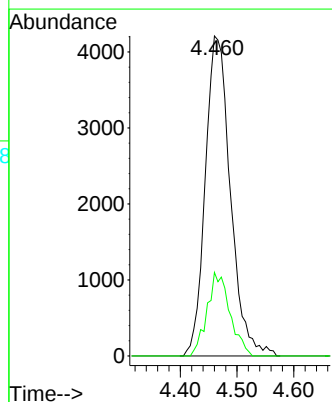
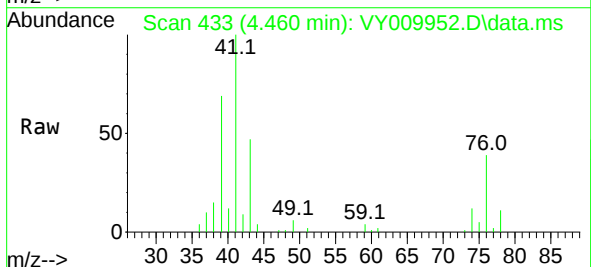
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

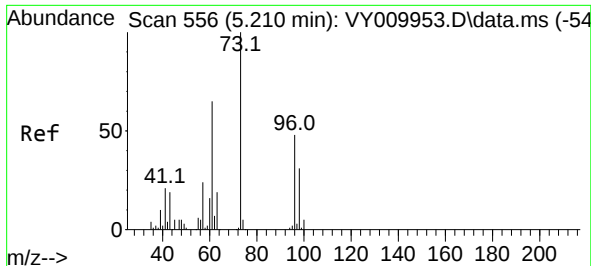
Tgt Ion: 76 Resp: 56882
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 18.475 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 43 Resp: 12974
Ion Ratio Lower Upper
43 100
74 23.6 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 21.345 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

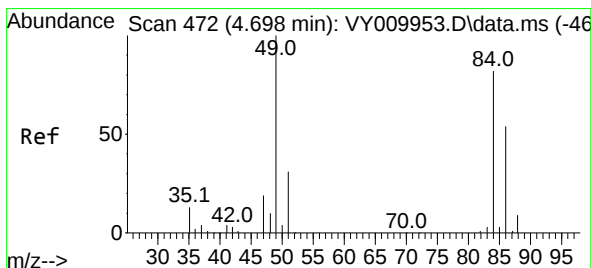
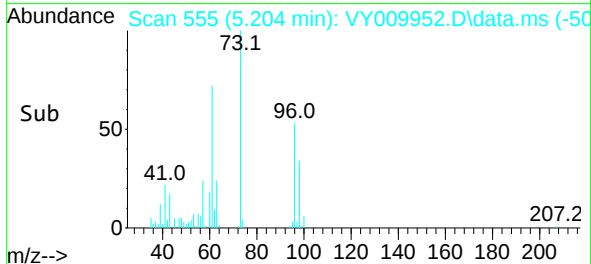
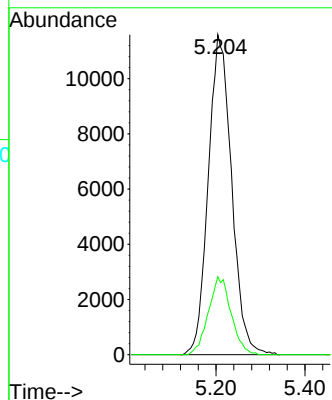
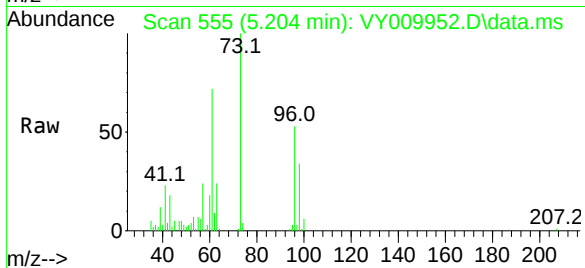
VSTDIC020

Tgt Ion: 73 Resp: 42183

Ion Ratio Lower Upper

73 100

57 24.3 18.5 27.7



#20

Methylene Chloride

Concen: 16.352 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Tgt Ion: 84 Resp: 22008

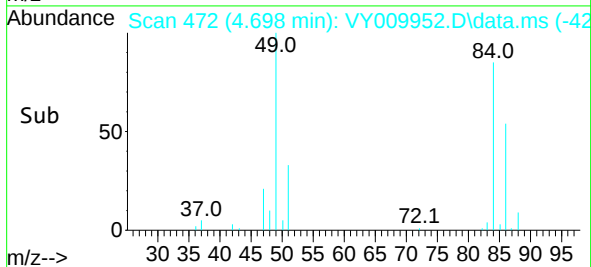
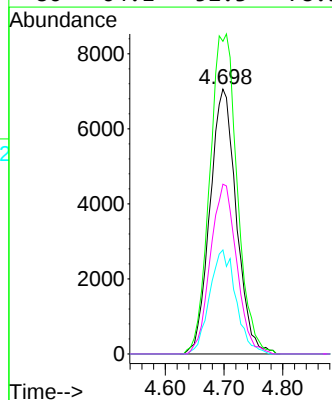
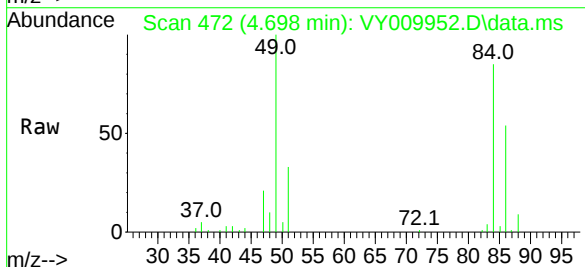
Ion Ratio Lower Upper

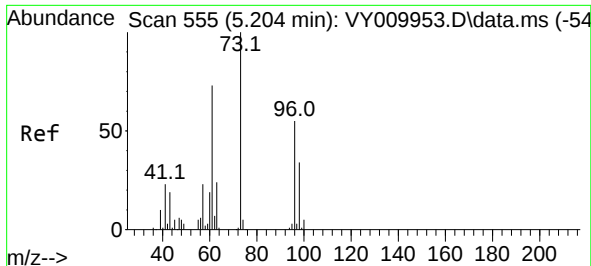
84 100

49 118.1 98.2 147.4

51 39.2 33.4 50.0

86 64.1 52.3 78.5

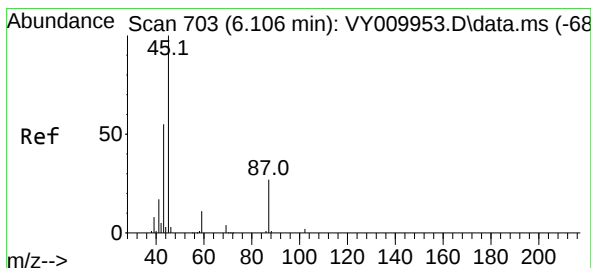
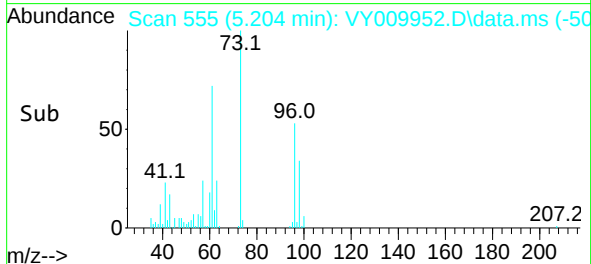
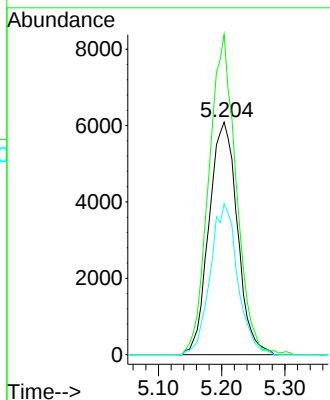
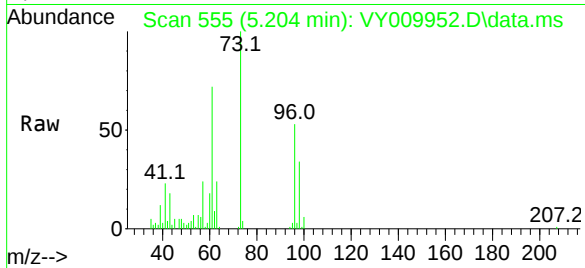




#21
trans-1,2-Dichloroethene
Concen: 23.307 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

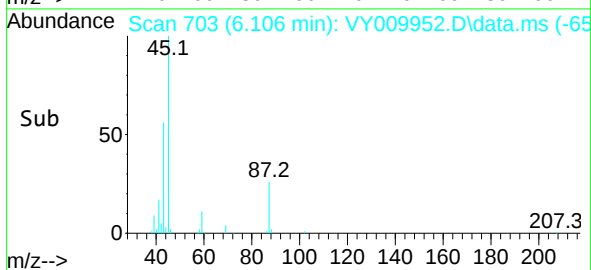
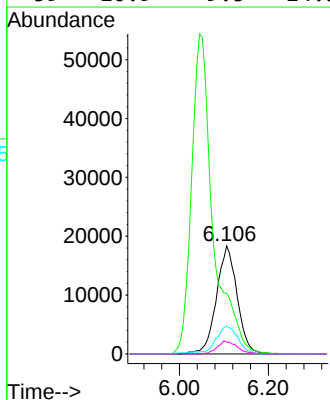
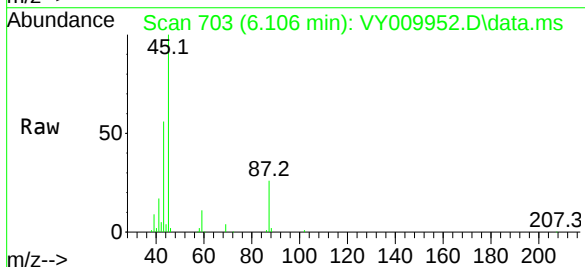
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

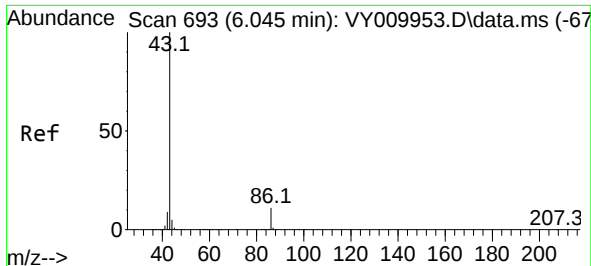
Tgt Ion: 96 Resp: 18985
Ion Ratio Lower Upper
96 100
61 137.6 105.8 158.6
98 64.9 49.7 74.5



#22
Diisopropyl ether
Concen: 21.506 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 45 Resp: 59321
Ion Ratio Lower Upper
45 100
43 55.6 43.7 65.5
87 25.6 22.2 33.4
59 10.9 9.5 14.3

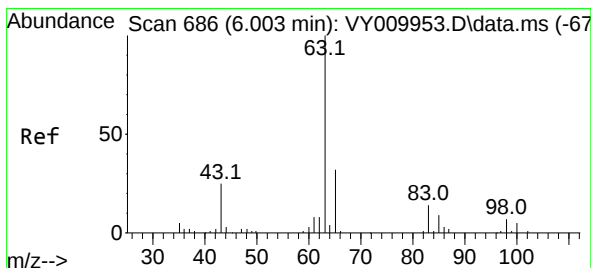
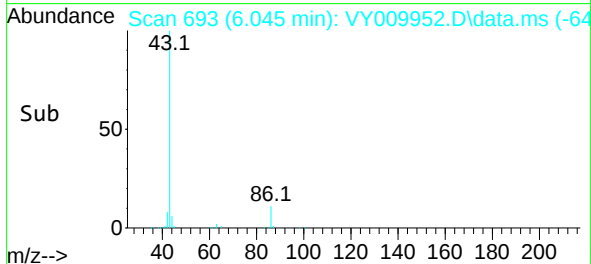
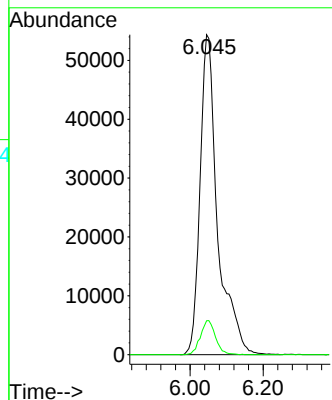
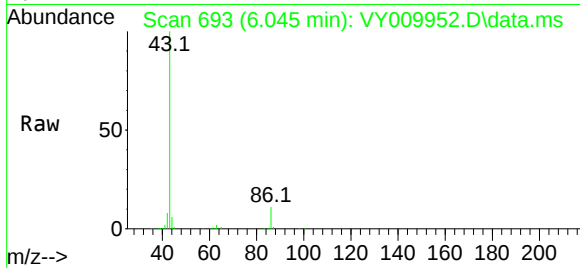




#23
 Vinyl Acetate
 Concen: 105.791 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.000 min
 Lab File: VY009952.D
 Acq: 10 Aug 2022 15:46

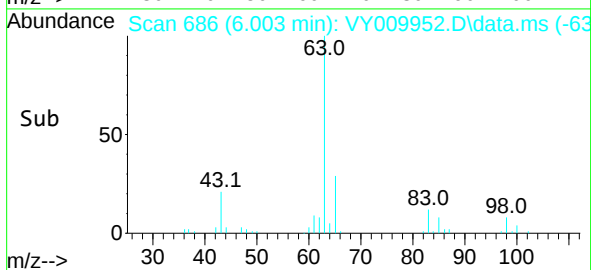
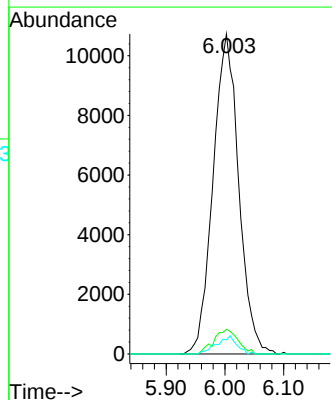
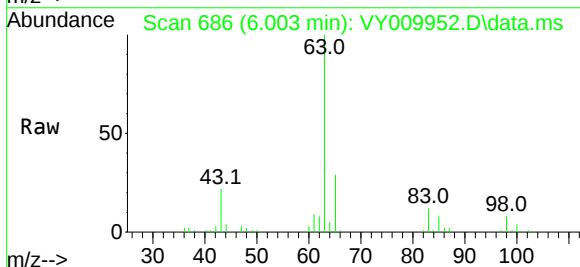
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

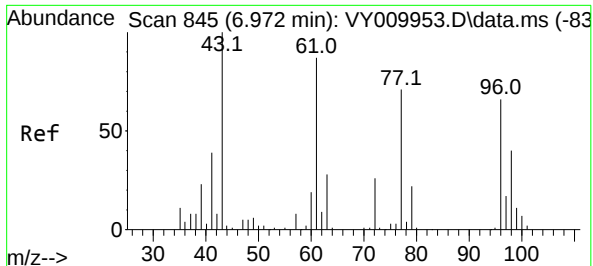
Tgt Ion: 43 Resp: 181623
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 21.731 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009952.D
 Acq: 10 Aug 2022 15:46

Tgt Ion: 63 Resp: 32548
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.4 2.8 8.3





#25

2-Butanone

Concen: 96.790 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

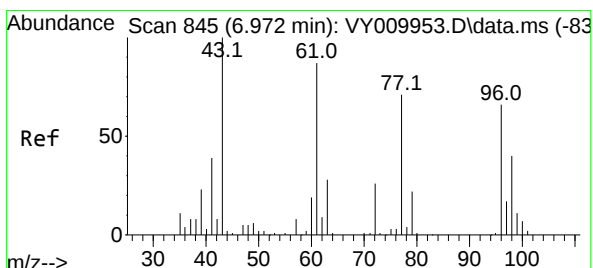
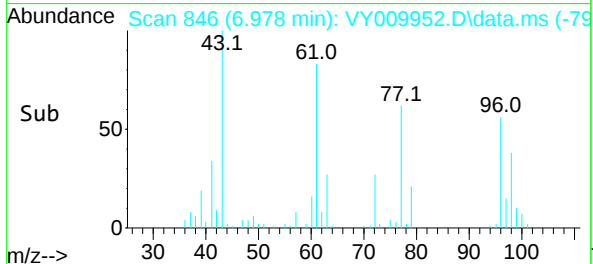
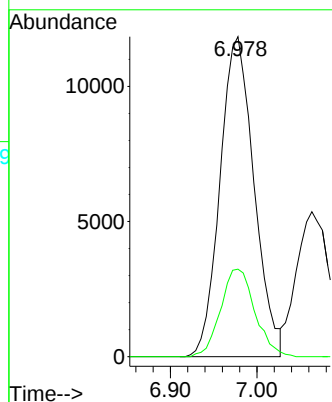
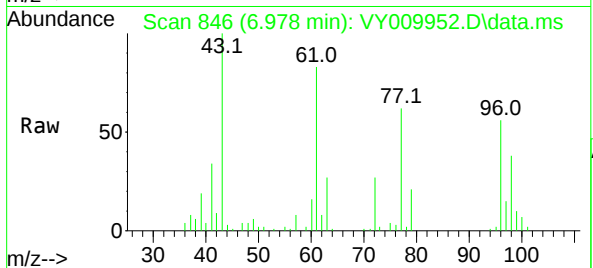
VSTDIC020

Tgt Ion: 43 Resp: 32346

Ion Ratio Lower Upper

43 100

72 27.3 21.5 32.3



#26

2,2-Dichloropropane

Concen: 20.237 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009952.D

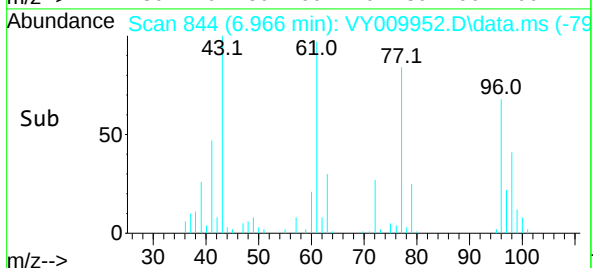
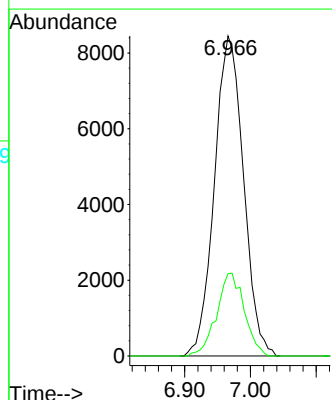
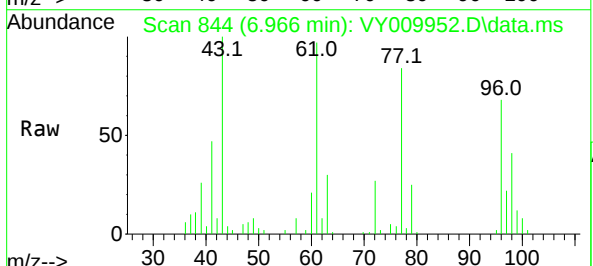
Acq: 10 Aug 2022 15:46

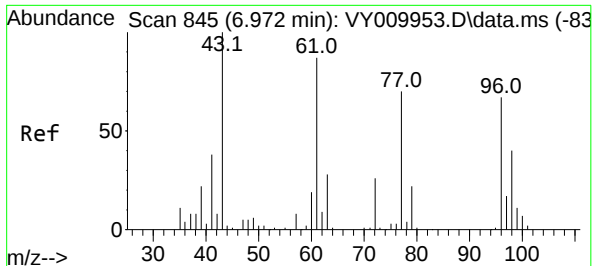
Tgt Ion: 77 Resp: 25978

Ion Ratio Lower Upper

77 100

97 24.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.895 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

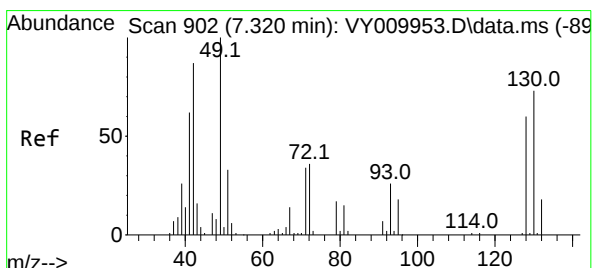
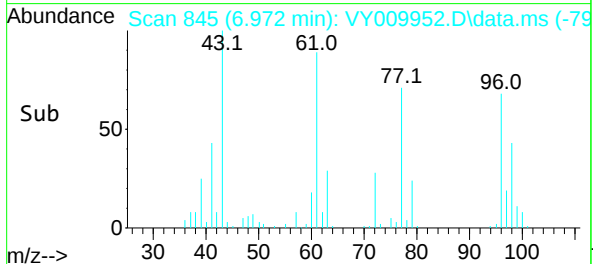
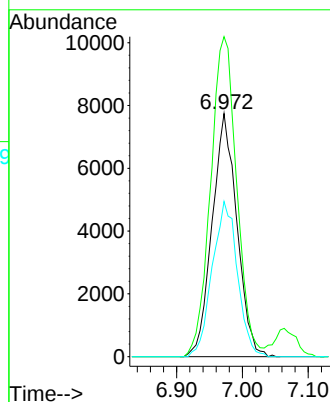
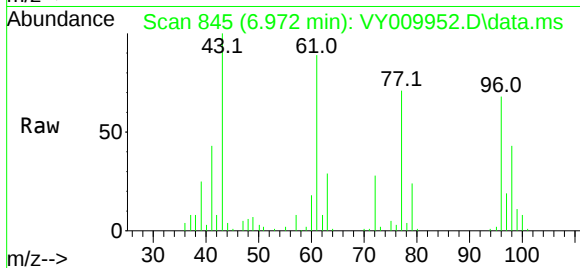
Tgt Ion: 96 Resp: 20289

Ion Ratio Lower Upper

96 100

61 138.8 0.0 285.6

98 64.8 0.0 131.0



#28

Bromochloromethane

Concen: 24.835 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

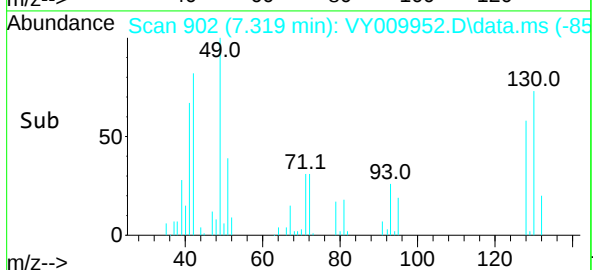
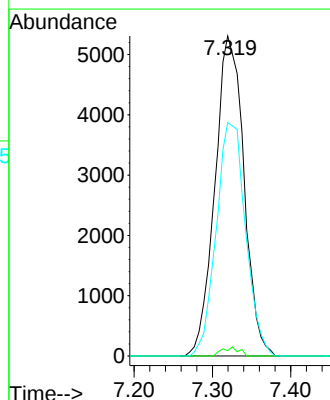
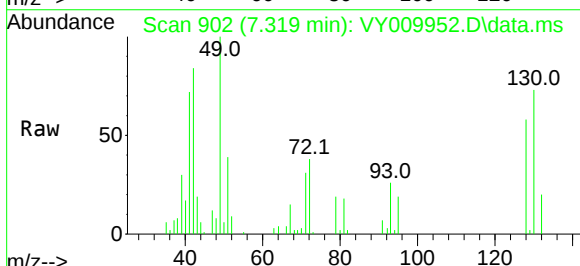
Tgt Ion: 49 Resp: 13637

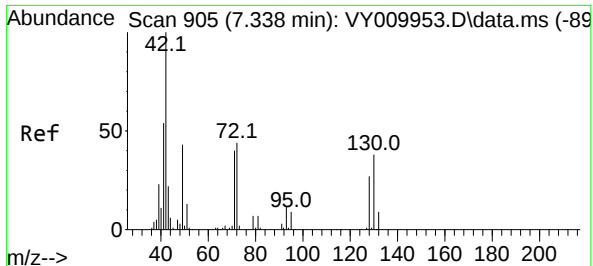
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 74.0 64.1 96.1





#29

Tetrahydrofuran

Concen: 102.518 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

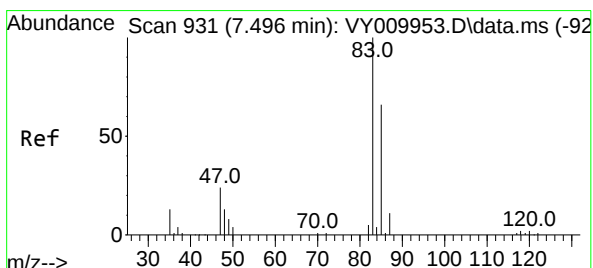
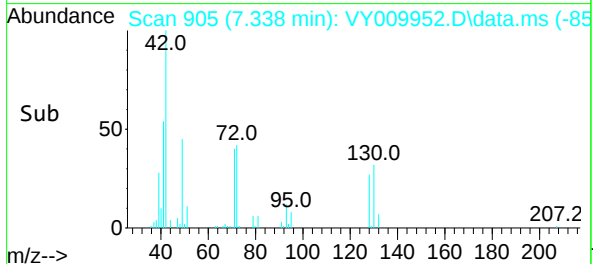
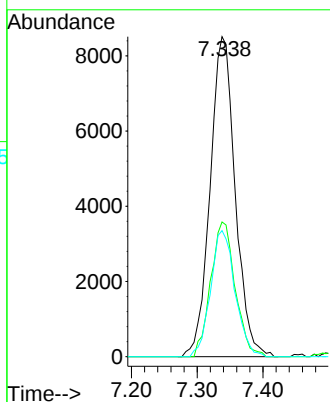
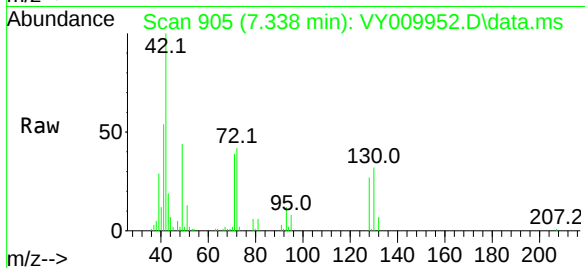
Tgt Ion: 42 Resp: 22624

Ion Ratio Lower Upper

42 100

72 40.9 34.6 52.0

71 38.4 32.7 49.1



#30

Chloroform

Concen: 21.460 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009952.D

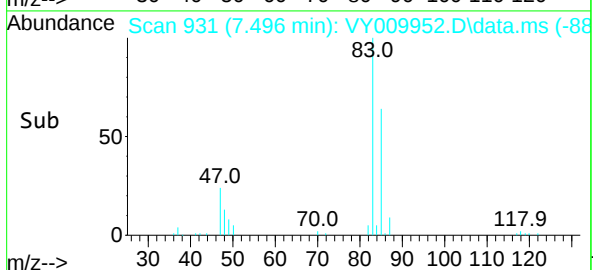
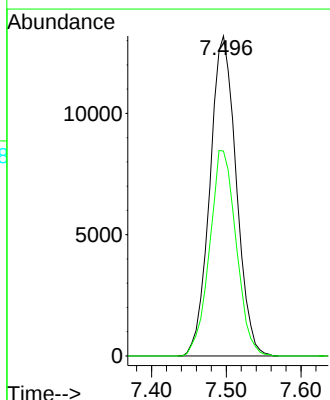
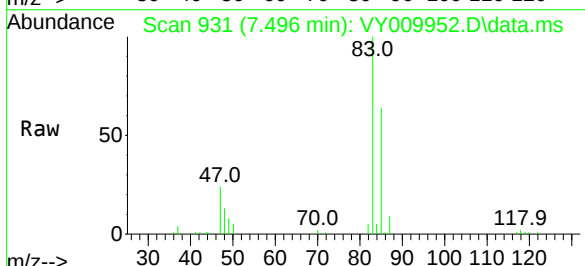
Acq: 10 Aug 2022 15:46

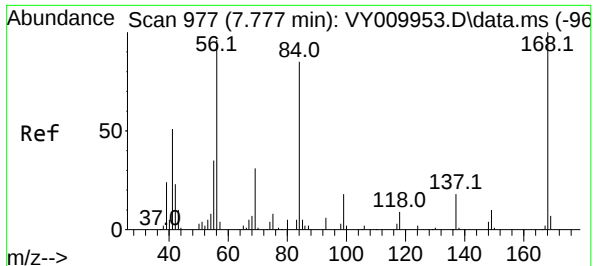
Tgt Ion: 83 Resp: 32337

Ion Ratio Lower Upper

83 100

85 64.1 50.5 75.7

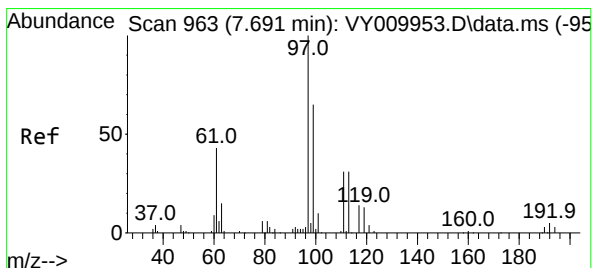
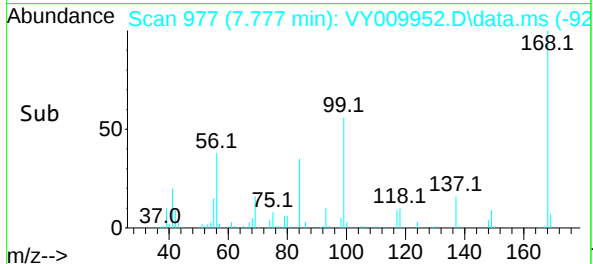
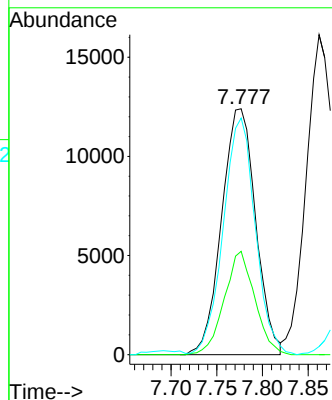
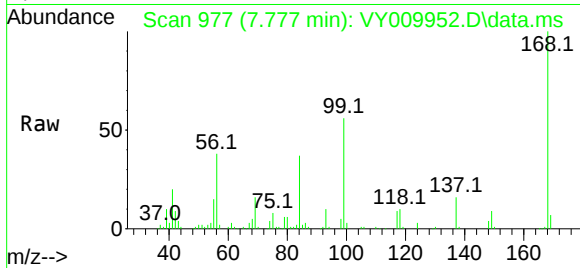




#31
Cyclohexane
Concen: 22.346 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

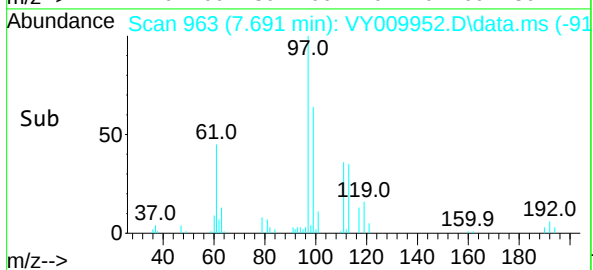
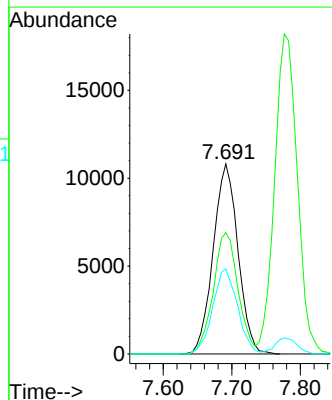
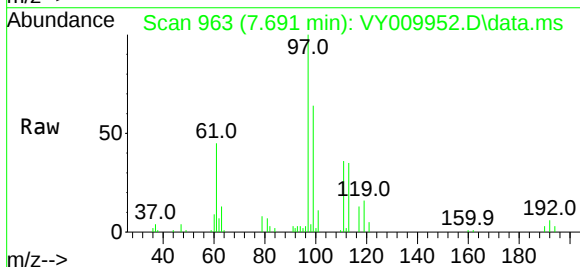
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

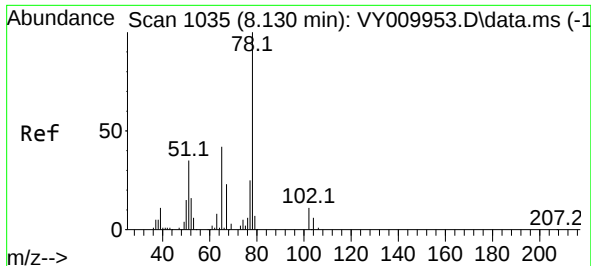
Tgt Ion: 56 Resp: 32138
Ion Ratio Lower Upper
56 100
69 42.1 26.0 39.0#
84 94.7 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 21.368 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 97 Resp: 27134
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 44.9 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 23.286 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

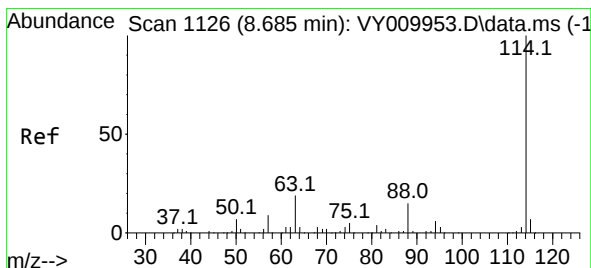
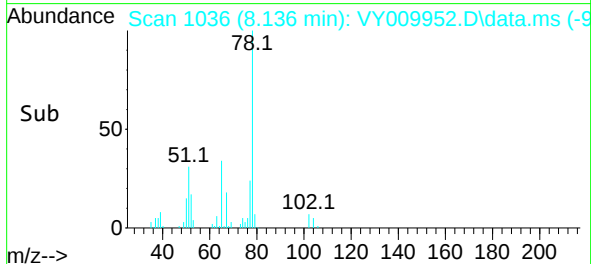
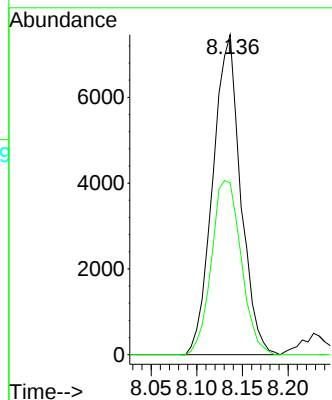
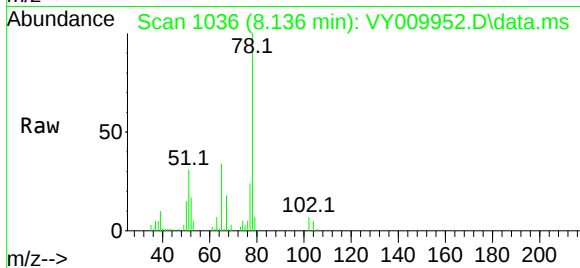
VSTDIC020

Tgt Ion: 65 Resp: 15799

Ion Ratio Lower Upper

65 100

67 58.1 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: VY009952.D

Acq: 10 Aug 2022 15:46

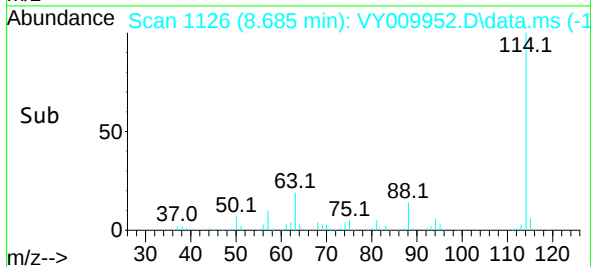
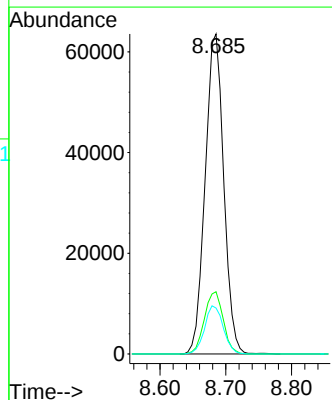
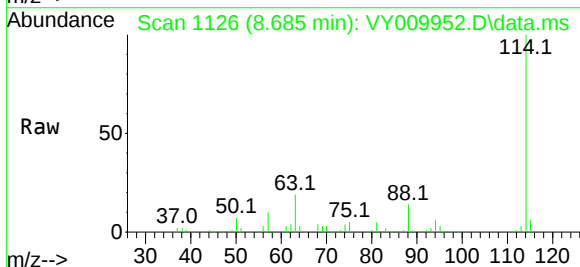
Tgt Ion: 114 Resp: 124976

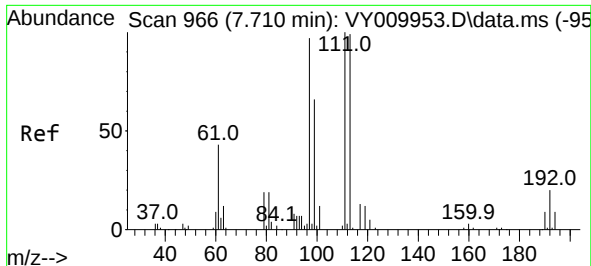
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 14.4 0.0 30.0

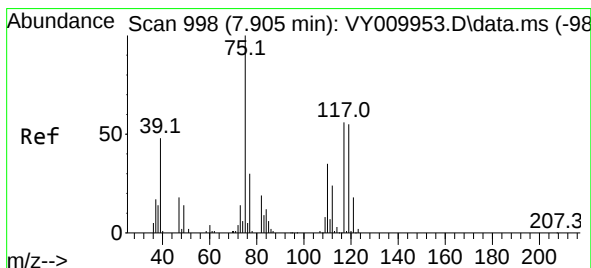
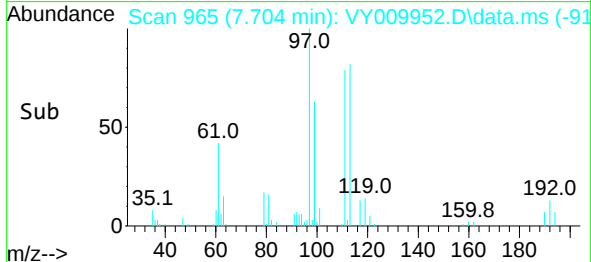
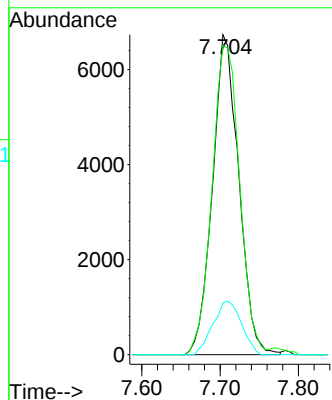
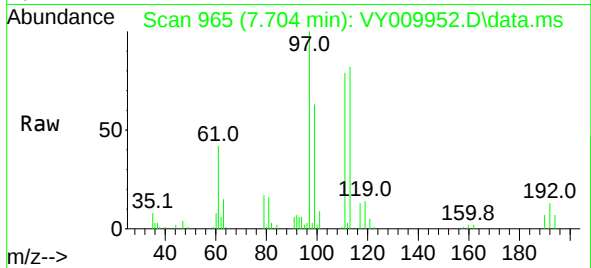




#35
Dibromofluoromethane
Concen: 22.970 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

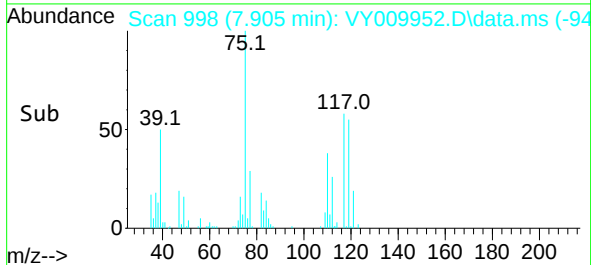
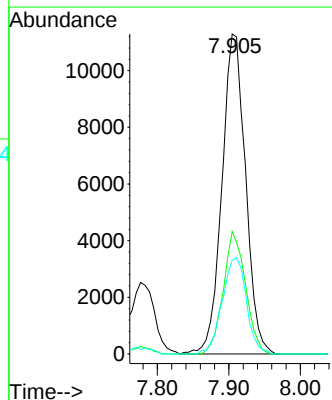
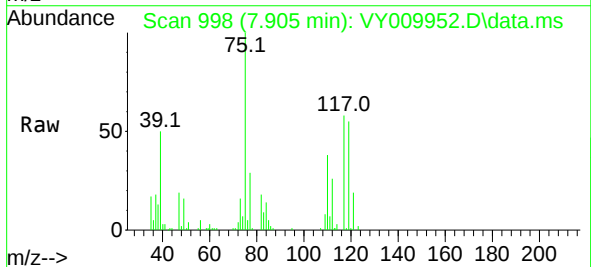
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

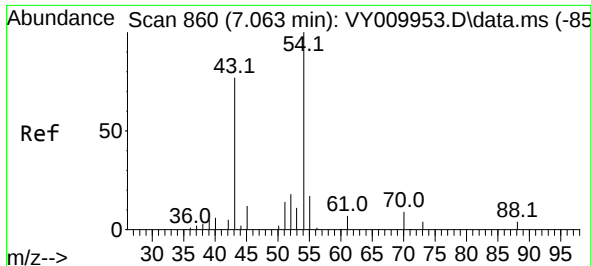
Tgt Ion:113 Resp: 15686
Ion Ratio Lower Upper
113 100
111 102.1 80.6 120.8
192 18.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 22.459 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 75 Resp: 25924
Ion Ratio Lower Upper
75 100
110 36.0 18.6 56.0
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 19.421 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

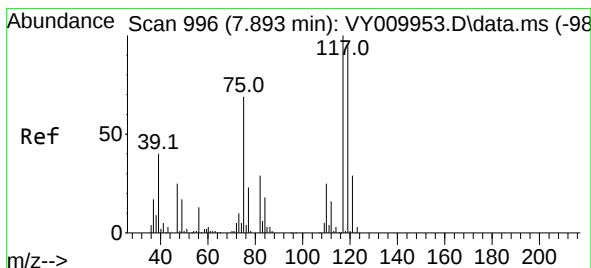
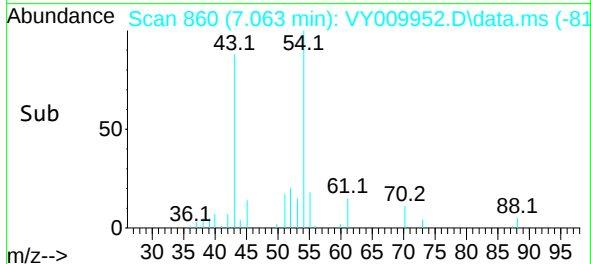
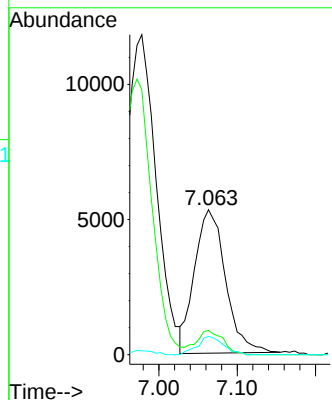
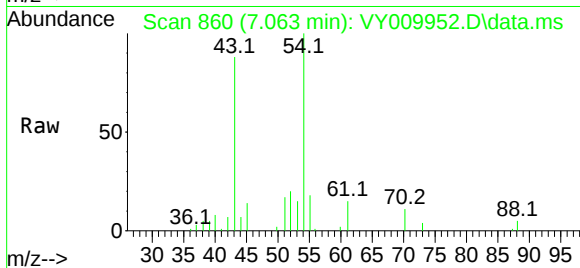
Tgt Ion: 43 Resp: 14584

Ion Ratio Lower Upper

43 100

61 14.5 11.2 16.8

70 10.6 8.4 12.6



#38

Carbon Tetrachloride

Concen: 21.383 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

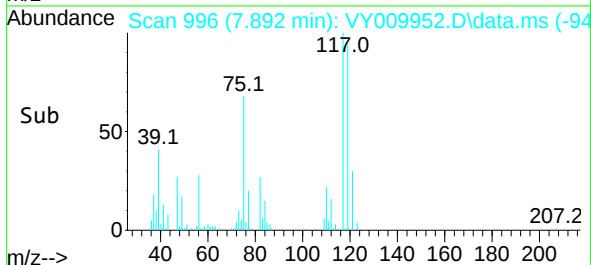
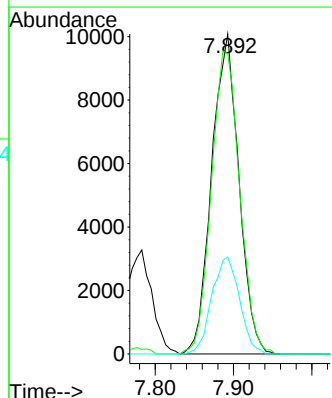
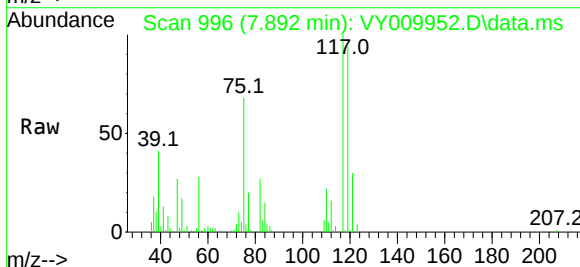
Tgt Ion: 117 Resp: 24330

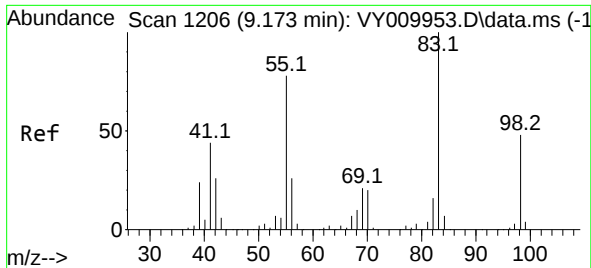
Ion Ratio Lower Upper

117 100

119 93.8 75.9 113.9

121 30.3 24.9 37.3





#39

Methylcyclohexane

Concen: 22.537 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

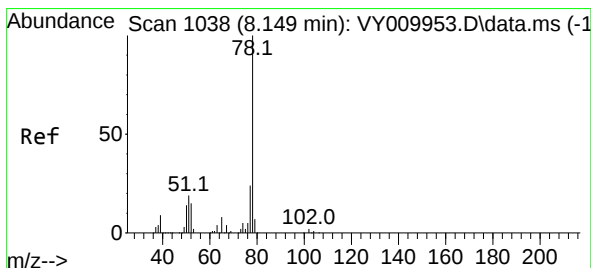
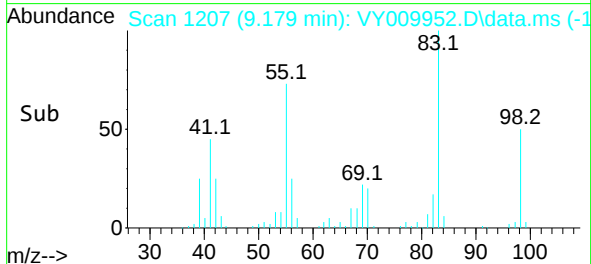
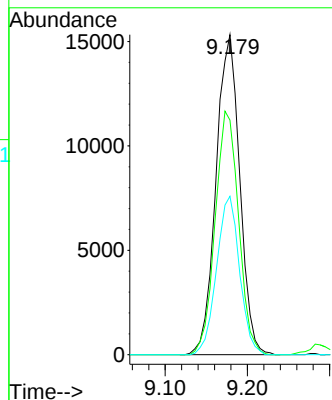
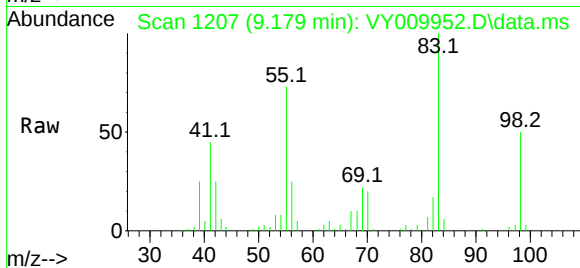
Tgt Ion: 83 Resp: 30670

Ion Ratio Lower Upper

83 100

55 73.3 56.7 85.1

98 49.5 39.9 59.9



#40

Benzene

Concen: 22.175 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY009952.D

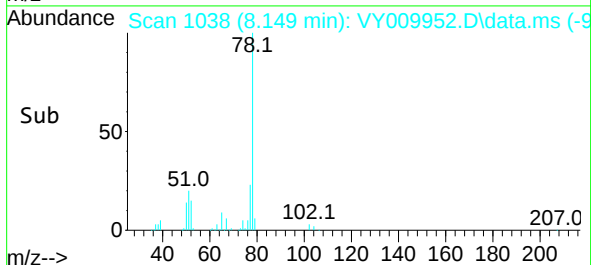
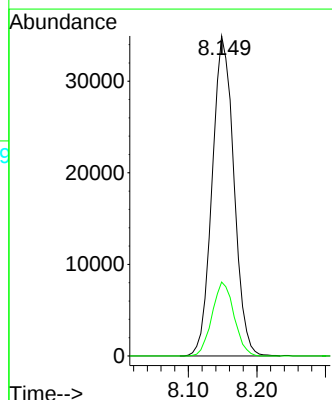
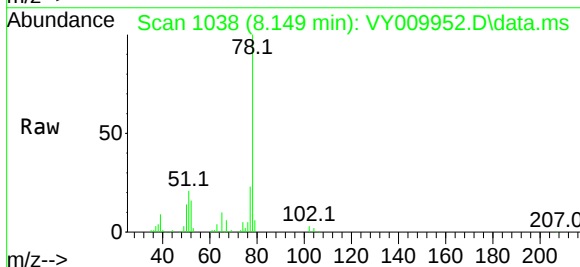
Acq: 10 Aug 2022 15:46

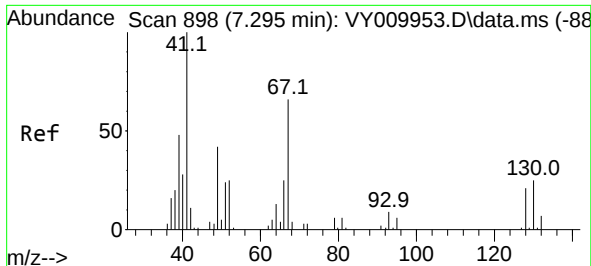
Tgt Ion: 78 Resp: 76774

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

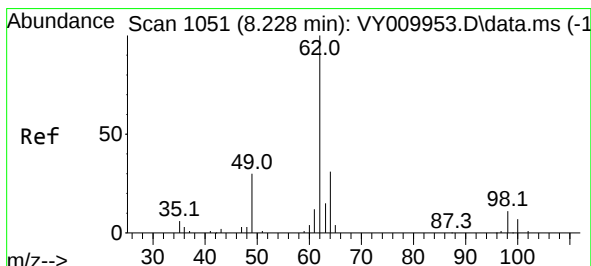
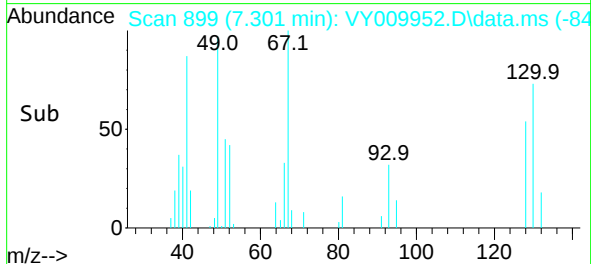
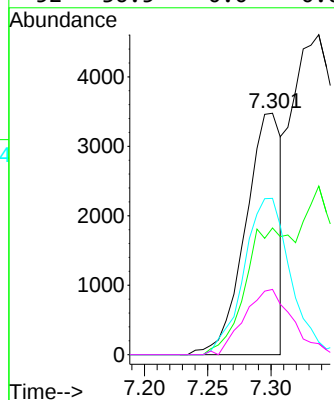
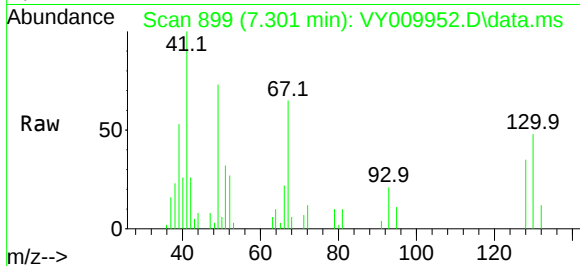




#41
Methacrylonitrile
Concen: 16.576 ug/l
RT: 7.301 min Scan# 898
Delta R.T. 0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

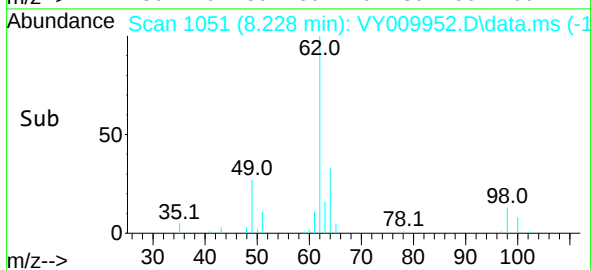
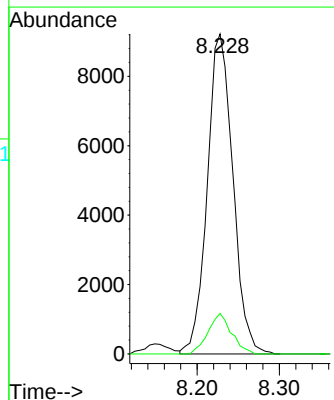
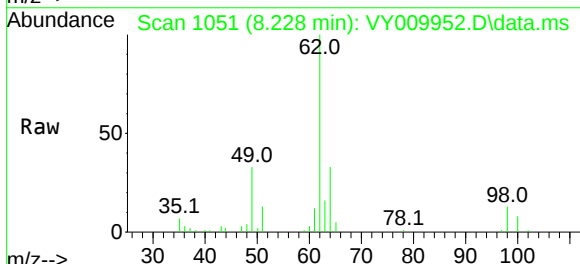
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

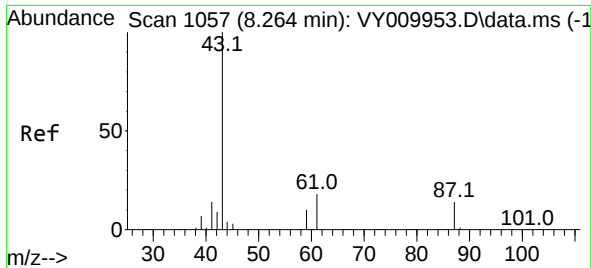
Tgt Ion: 41	Resp: 6811
Ion Ratio	Lower Upper
41	100
39	71.4 0.0 0.0#
67	85.2 0.0 0.0#
52	36.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.892 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 62	Resp: 19971
Ion Ratio	Lower Upper
62	100
98	11.6 0.0 20.6

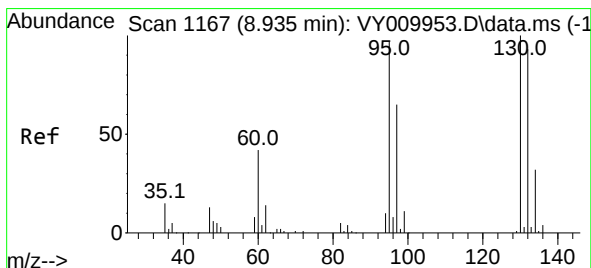
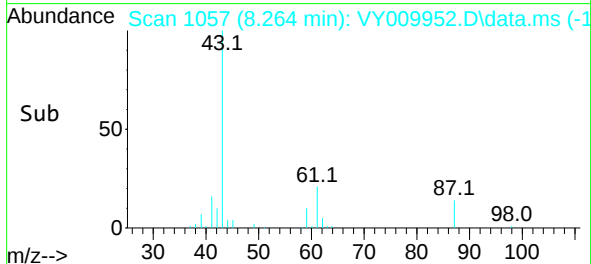
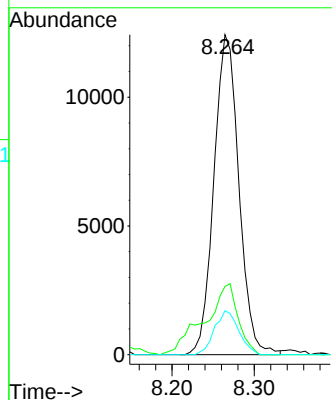
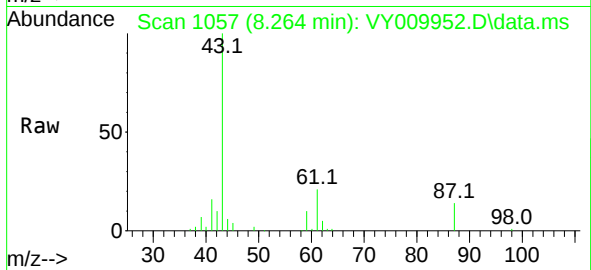




#43
Isopropyl Acetate
Concen: 19.726 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

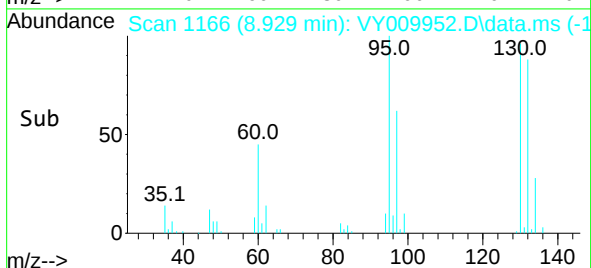
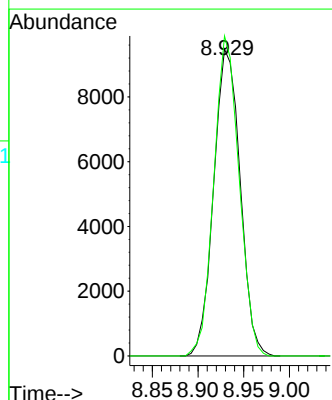
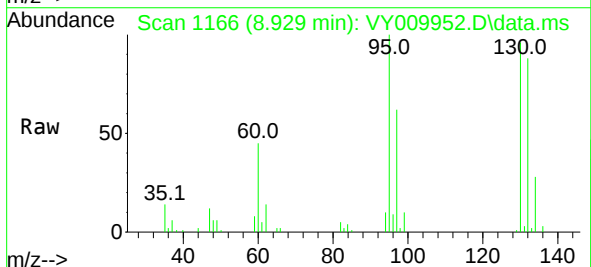
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

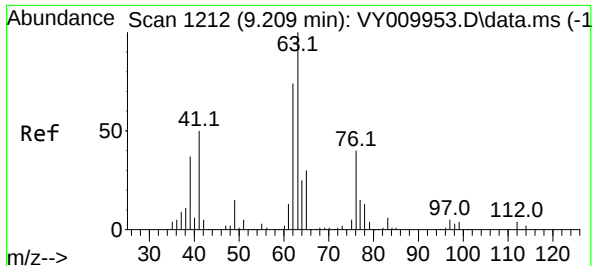
Tgt Ion: 43 Resp: 26259
Ion Ratio Lower Upper
43 100
61 29.9 23.6 35.4
87 13.3 11.3 16.9



#44
Trichloroethene
Concen: 21.239 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 130 Resp: 19063
Ion Ratio Lower Upper
130 100
95 104.3 0.0 194.6





#45

1,2-Dichloropropane

Concen: 21.447 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

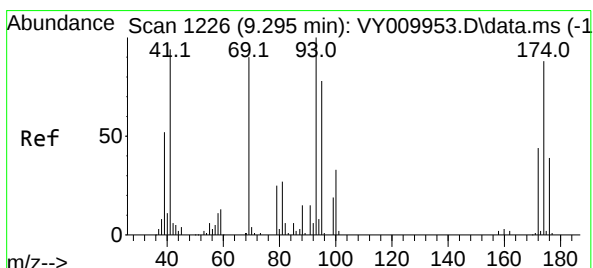
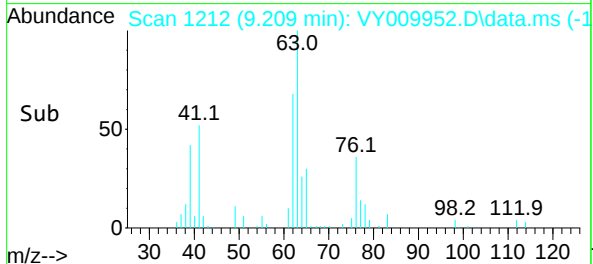
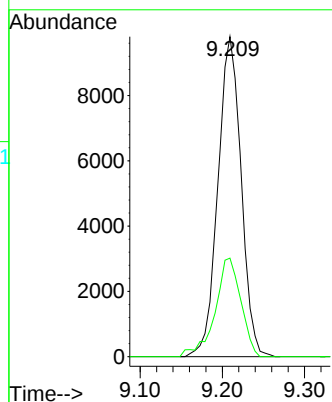
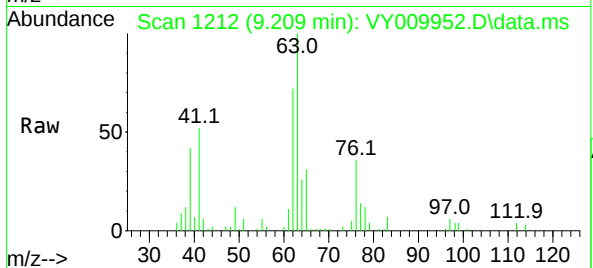
VSTDIC020

Tgt Ion: 63 Resp: 19221

Ion Ratio Lower Upper

63 100

65 30.8 23.7 35.5



#46

Dibromomethane

Concen: 21.392 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

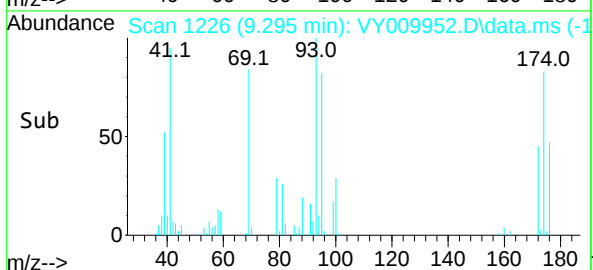
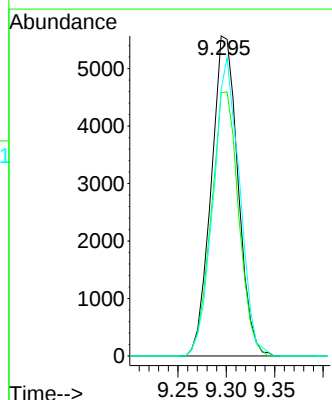
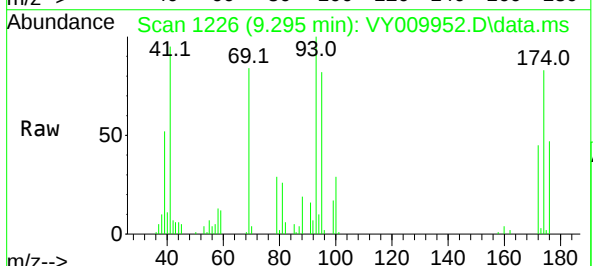
Tgt Ion: 93 Resp: 10701

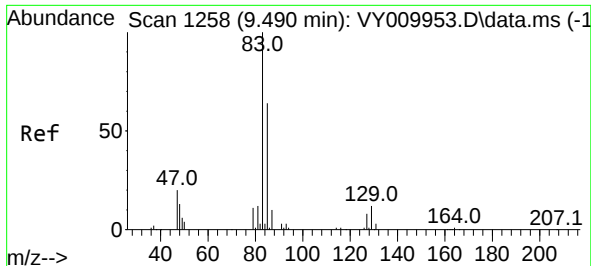
Ion Ratio Lower Upper

93 100

95 84.3 66.3 99.5

174 91.6 80.6 120.8

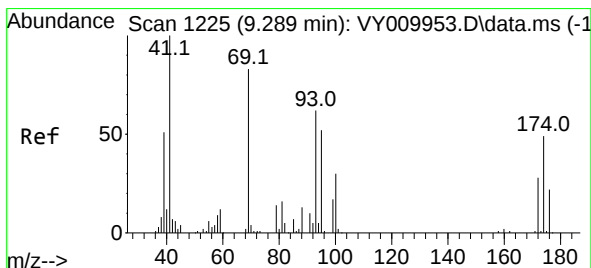
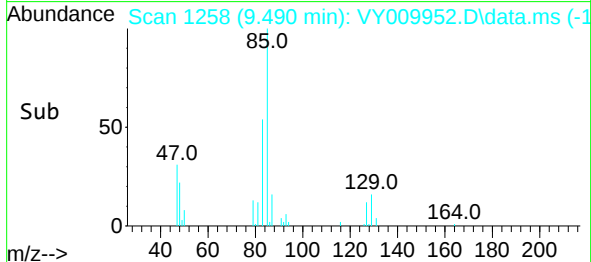
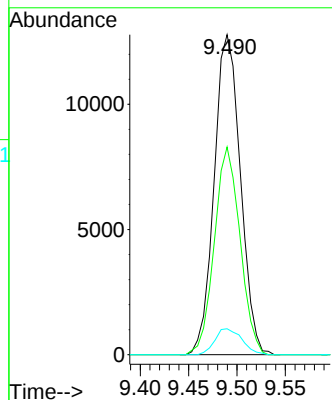
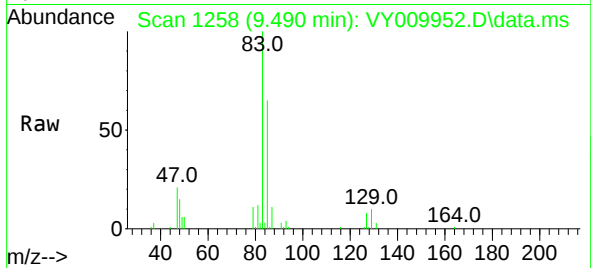




#47
Bromodichloromethane
Concen: 20.998 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

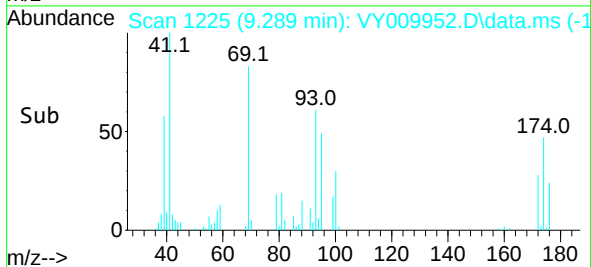
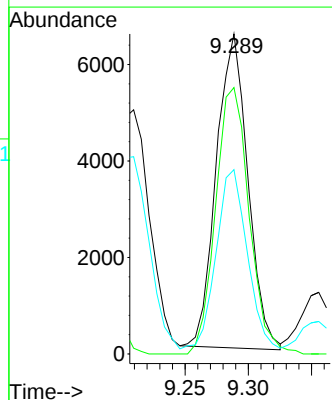
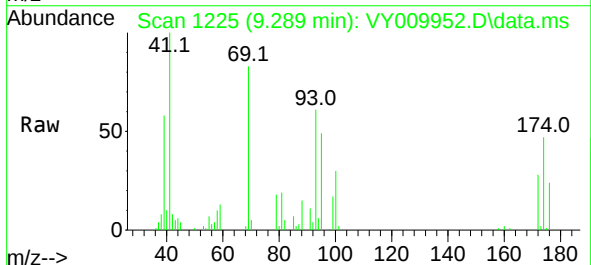
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

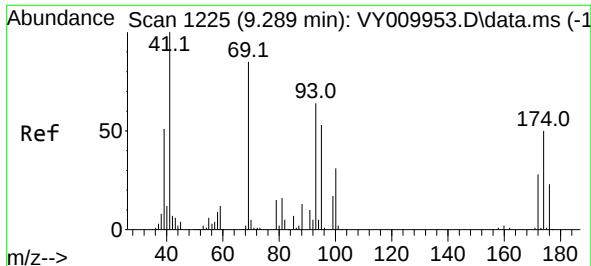
Tgt Ion: 83 Resp: 24089
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 19.020 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 41 Resp: 11277
Ion Ratio Lower Upper
41 100
69 90.2 73.2 109.8
39 60.1 47.5 71.3





#49

1,4-Dioxane

Concen: 434.125 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

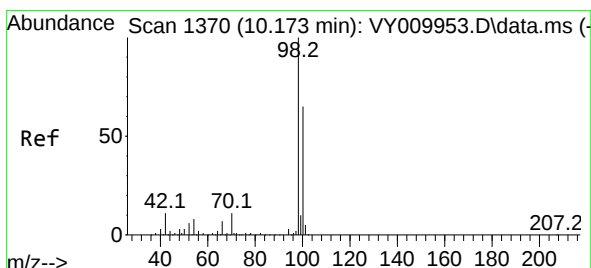
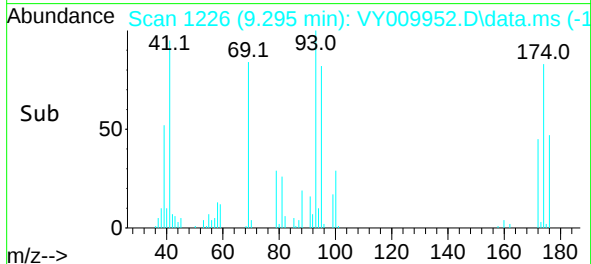
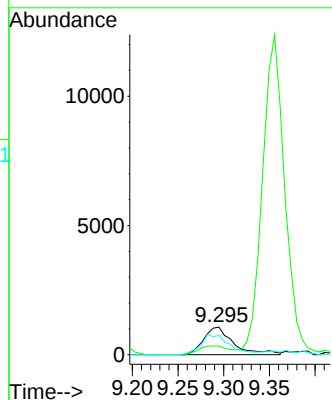
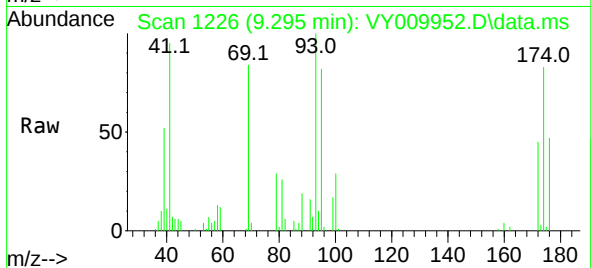
Tgt Ion: 88 Resp: 2412

Ion Ratio Lower Upper

88 100

43 32.5 26.3 39.5

58 71.0 52.6 79.0



#50

Toluene-d8

Concen: 25.963 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009952.D

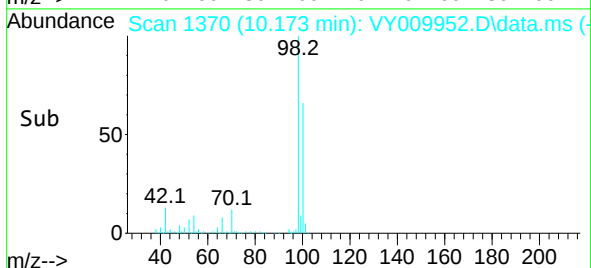
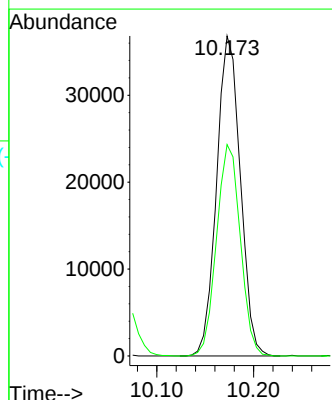
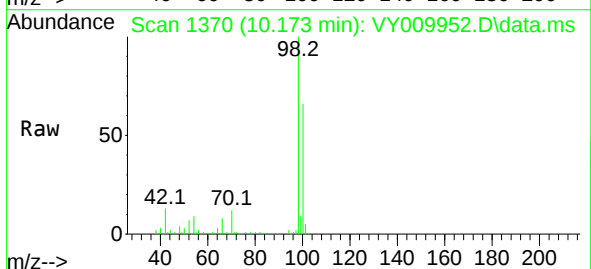
Acq: 10 Aug 2022 15:46

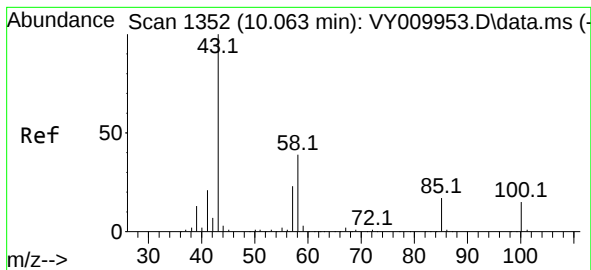
Tgt Ion: 98 Resp: 62611

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3

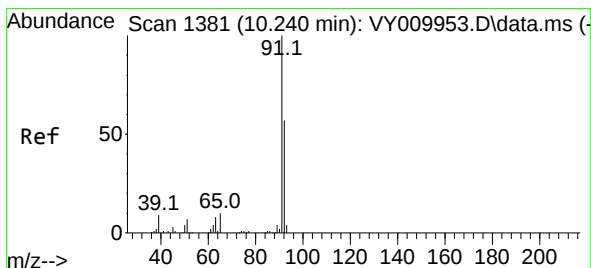
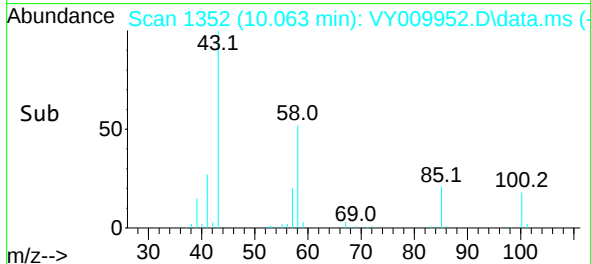
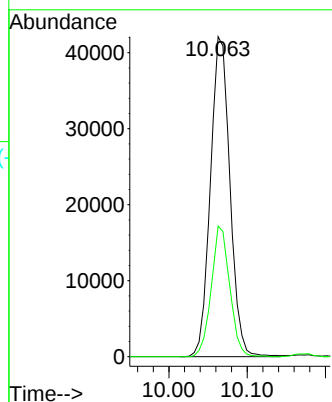
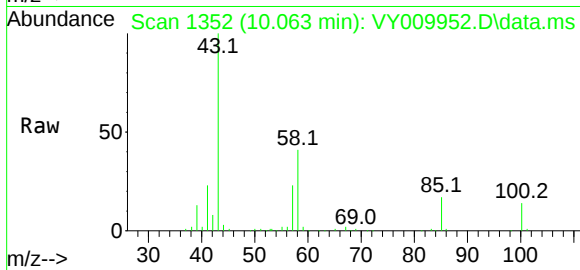




#51
4-Methyl-2-Pentanone
Concen: 99.097 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

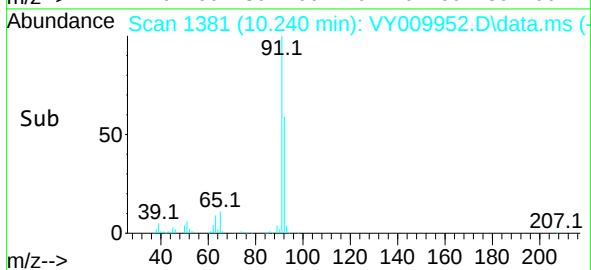
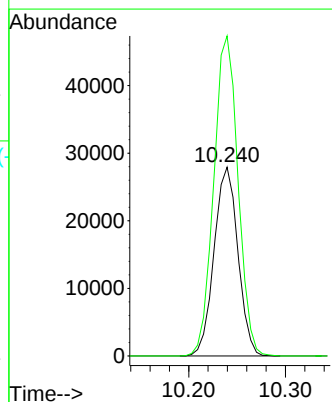
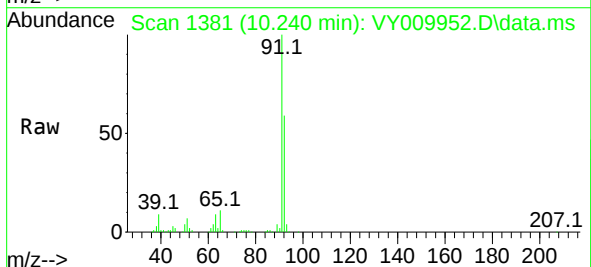
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

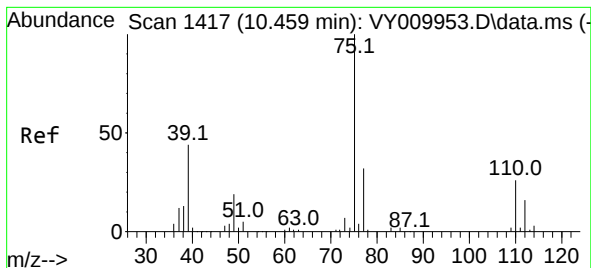
Tgt Ion: 43 Resp: 72901
Ion Ratio Lower Upper
43 100
58 38.6 31.5 47.3



#52
Toluene
Concen: 22.190 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 92 Resp: 47707
Ion Ratio Lower Upper
92 100
91 172.5 138.7 208.1

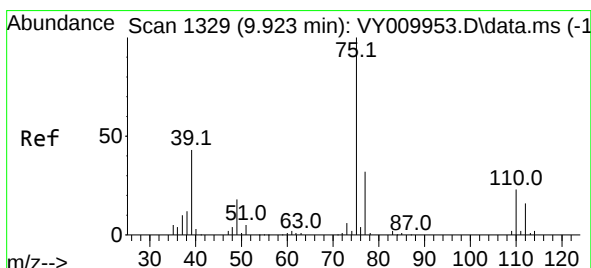
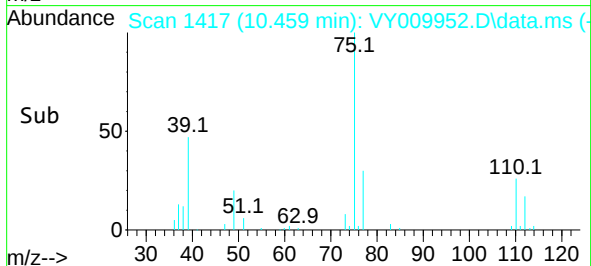
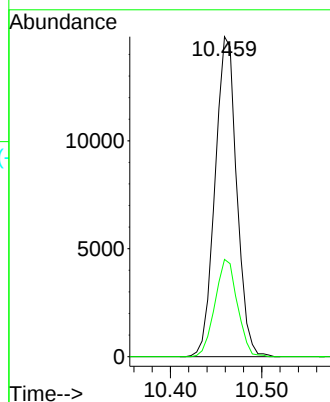
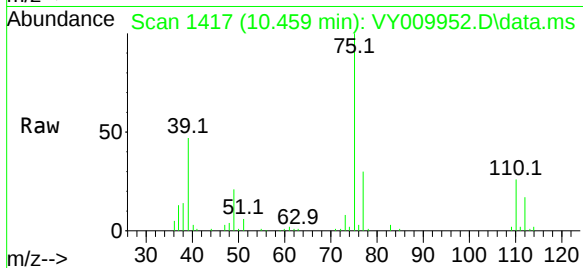




#53
 t-1,3-Dichloropropene
 Concen: 20.285 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY009952.D
 Acq: 10 Aug 2022 15:46

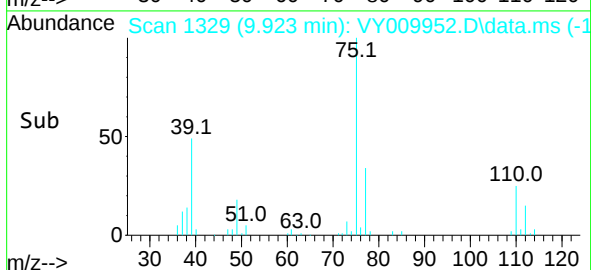
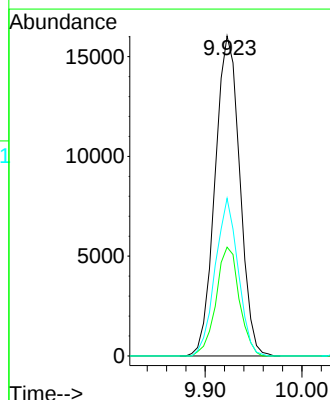
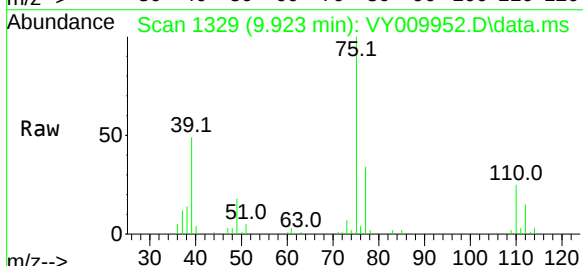
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

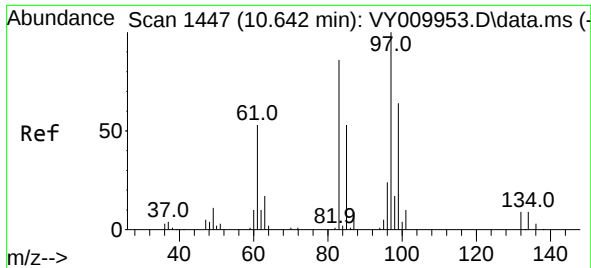
Tgt Ion: 75 Resp: 24408
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.681 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY009952.D
 Acq: 10 Aug 2022 15:46

Tgt Ion: 75 Resp: 28420
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.2 37.8
 39 49.3 35.8 53.8

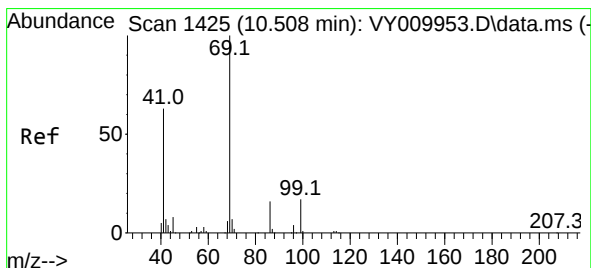
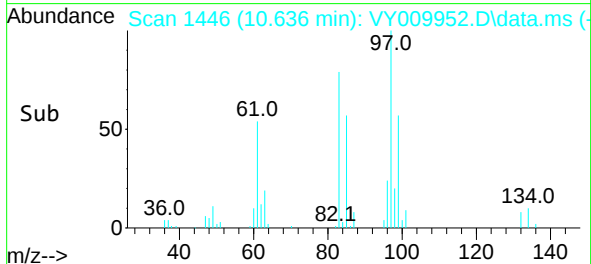
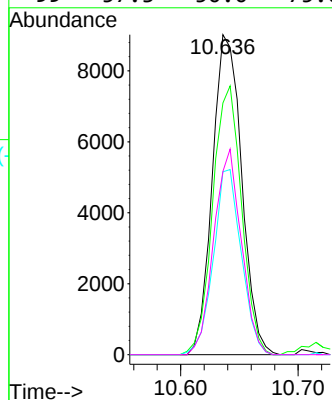
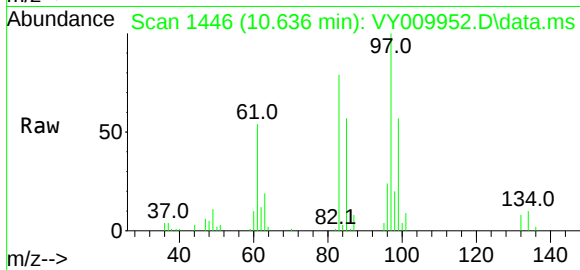




#55
1,1,2-Trichloroethane
Concen: 21.668 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

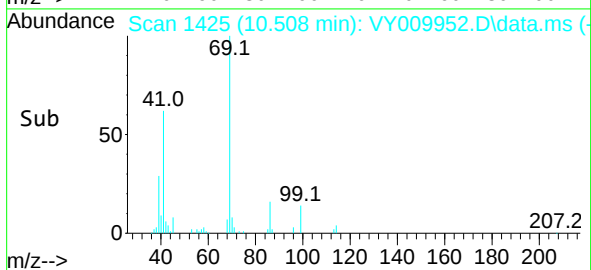
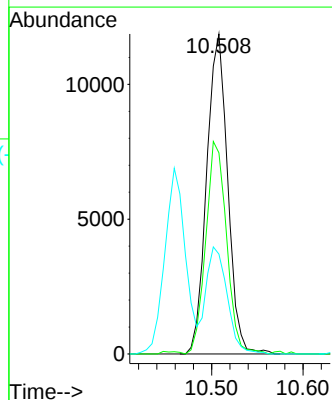
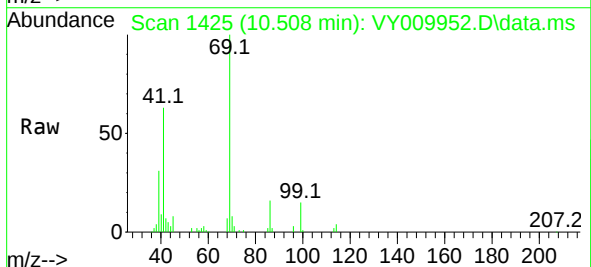
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

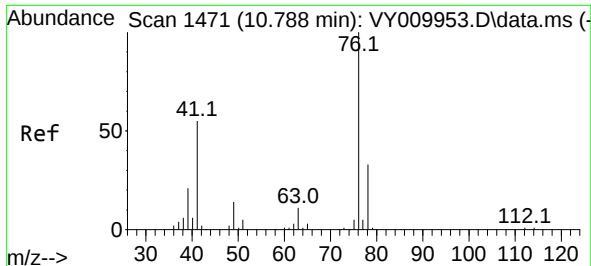
Tgt Ion: 97	Resp: 15634		
Ion	Ratio	Lower	Upper
97	100		
83	78.6	66.9	100.3
85	57.2	44.2	66.4
99	57.3	50.0	75.0



#56
Ethyl methacrylate
Concen: 20.368 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 69	Resp: 18923
Ion Ratio	Lower Upper
69 100	
41 65.8	50.4 75.6
39 34.0	27.6 41.4





#57

1,3-Dichloropropane

Concen: 21.255 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

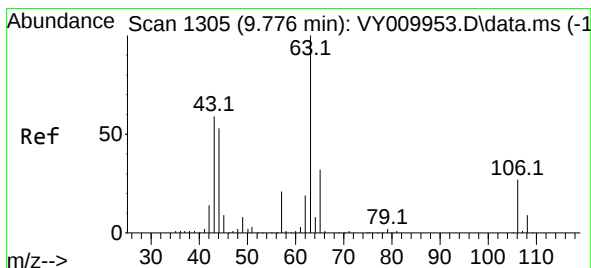
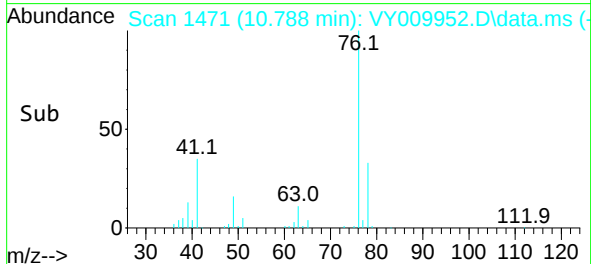
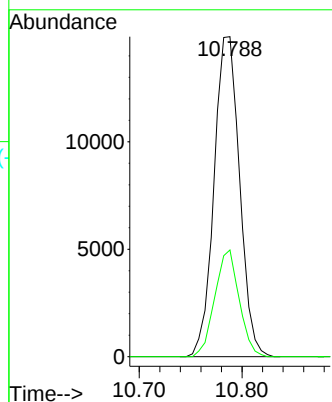
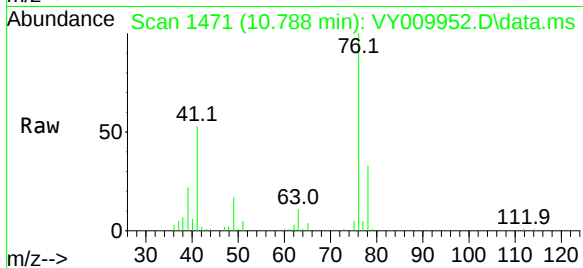
VSTDIC020

Tgt Ion: 76 Resp: 25711

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 114.190 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY009952.D

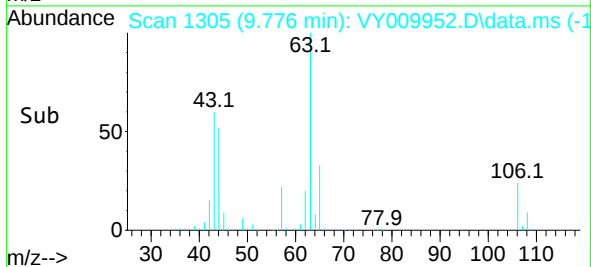
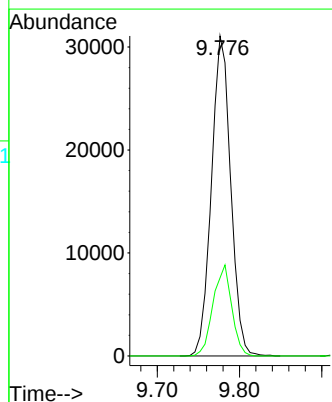
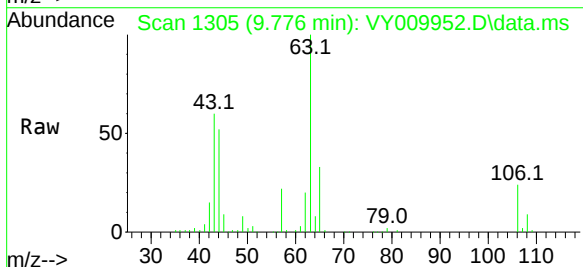
Acq: 10 Aug 2022 15:46

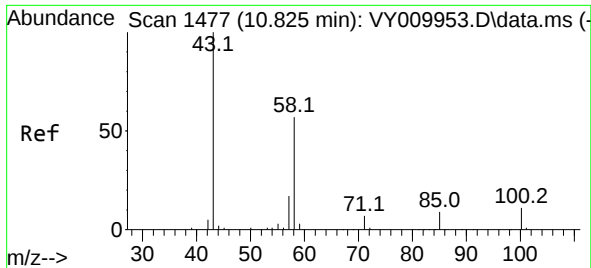
Tgt Ion: 63 Resp: 50598

Ion Ratio Lower Upper

63 100

106 27.4 23.3 34.9

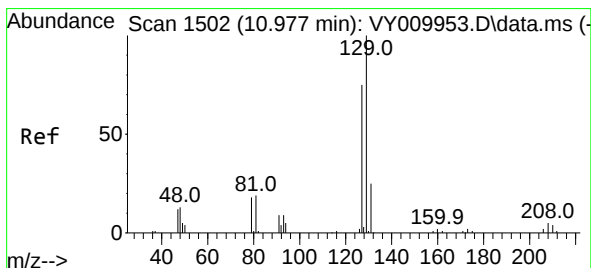
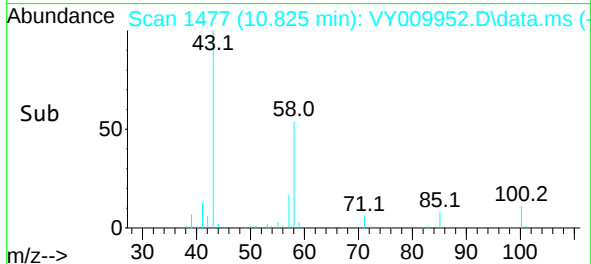
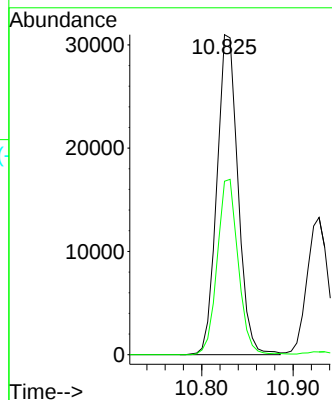
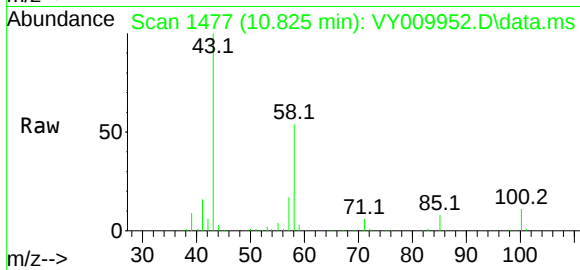




#59
2-Hexanone
Concen: 99.506 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

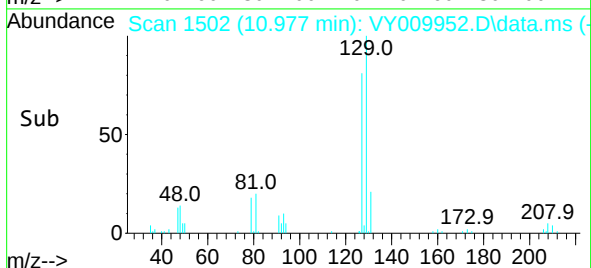
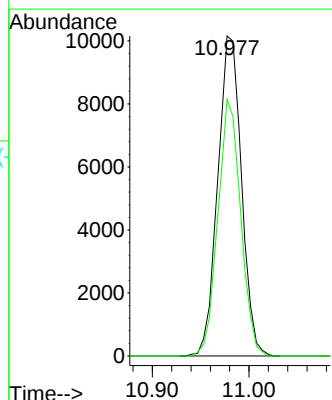
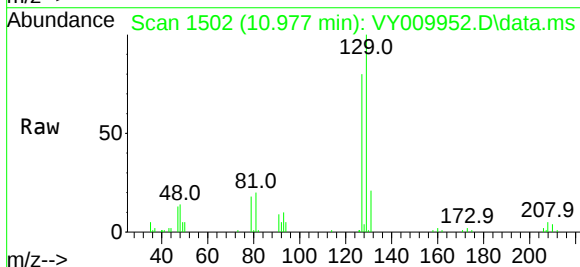
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

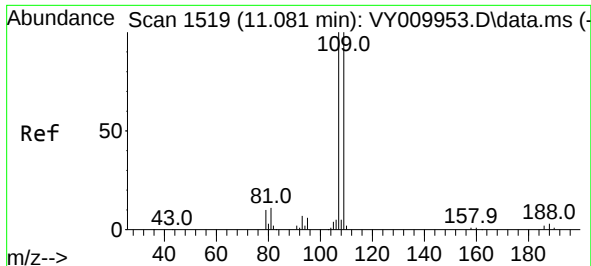
Tgt Ion: 43 Resp: 49720
Ion Ratio Lower Upper
43 100
58 54.5 27.6 82.8



#60
Dibromochloromethane
Concen: 20.794 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 129 Resp: 17282
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

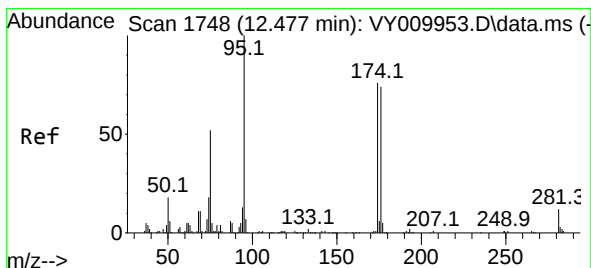
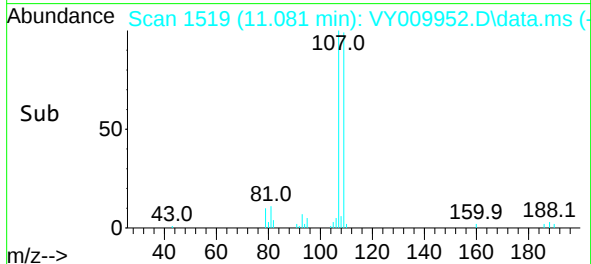
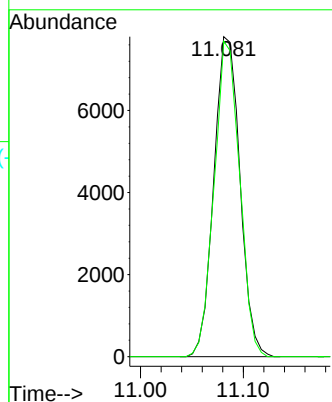
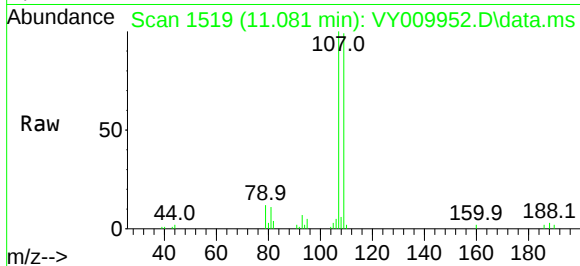




#61
1,2-Dibromoethane
Concen: 20.080 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

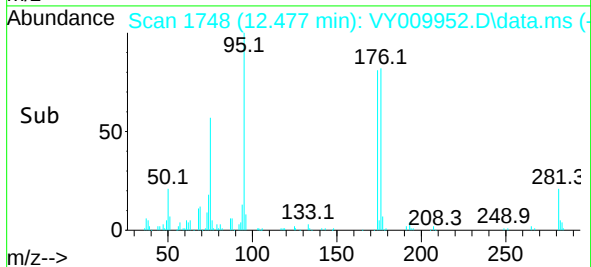
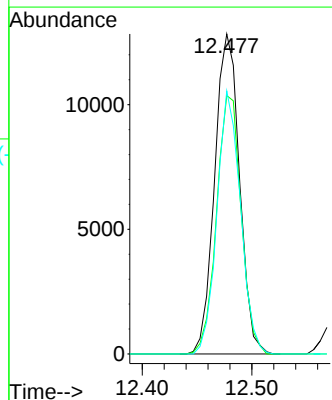
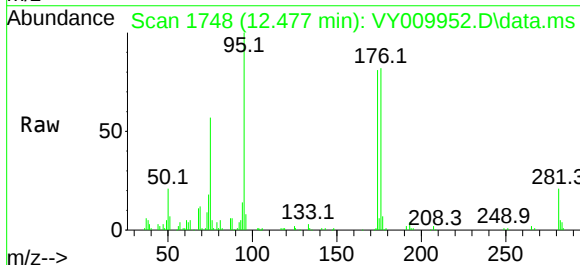
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

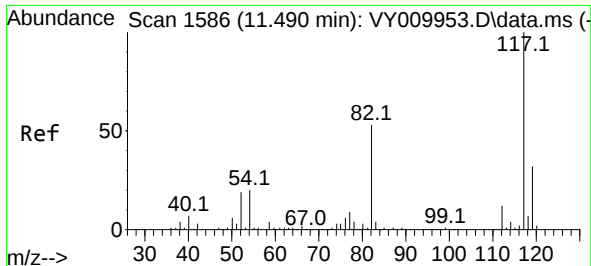
Tgt Ion:107 Resp: 13730
Ion Ratio Lower Upper
107 100
109 96.3 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 21.070 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 95 Resp: 20201
Ion Ratio Lower Upper
95 100
174 80.1 0.0 173.8
176 77.5 0.0 167.0

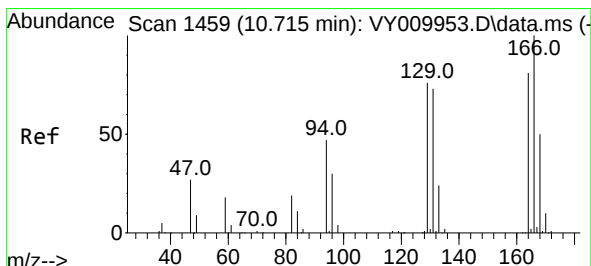
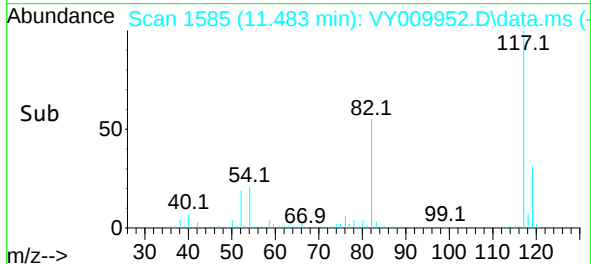
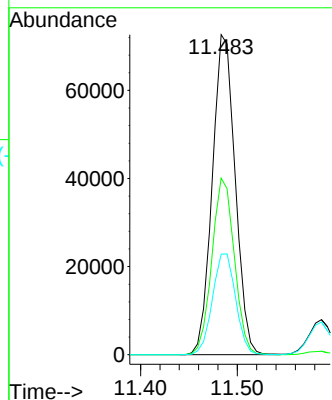
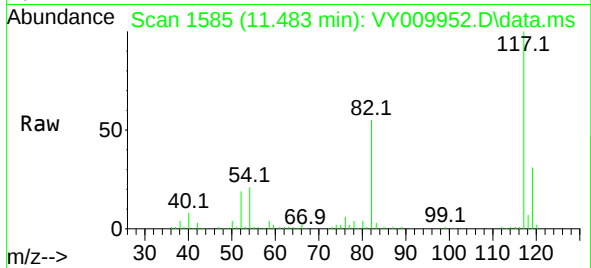




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

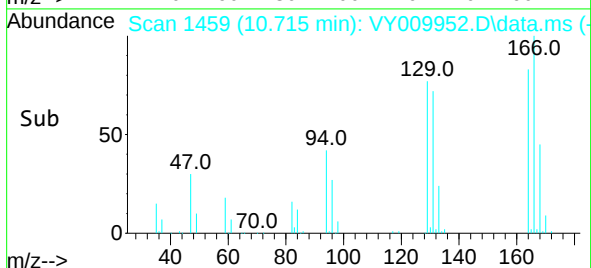
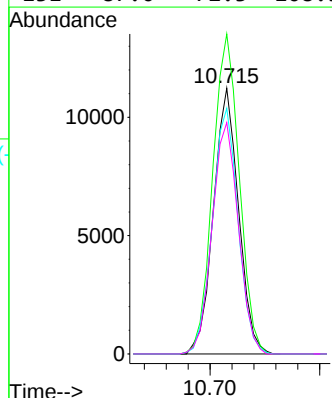
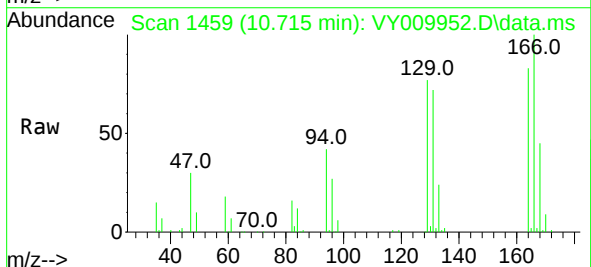
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

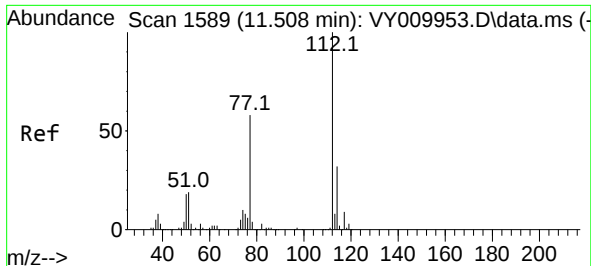
Tgt Ion:117 Resp: 119472
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.6
119 31.4 25.6 38.4



#64
Tetrachloroethene
Concen: 20.180 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion:164 Resp: 17855
Ion Ratio Lower Upper
164 100
166 120.4 104.9 157.3
129 92.4 76.5 114.7
131 87.0 72.3 108.5

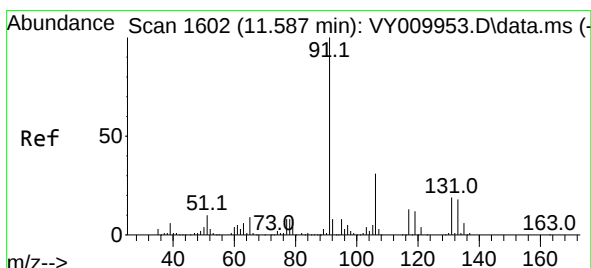
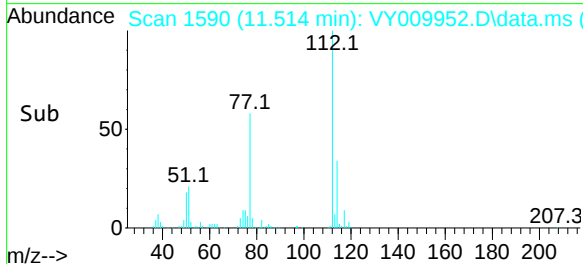
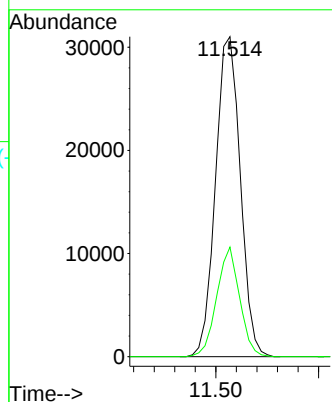
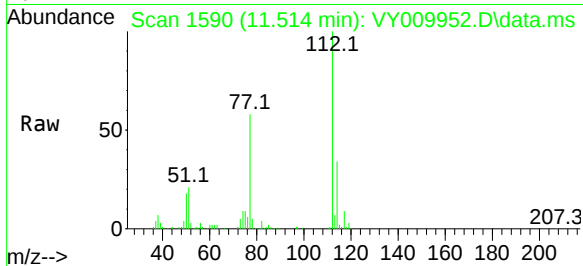




#65
Chlorobenzene
Concen: 21.703 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

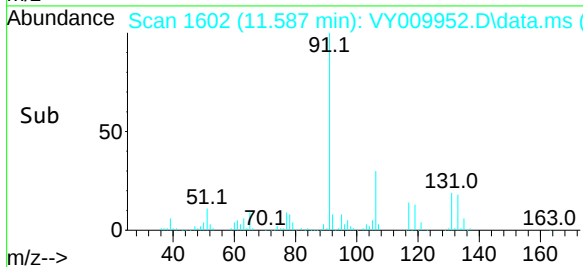
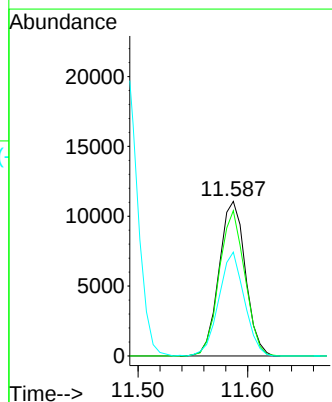
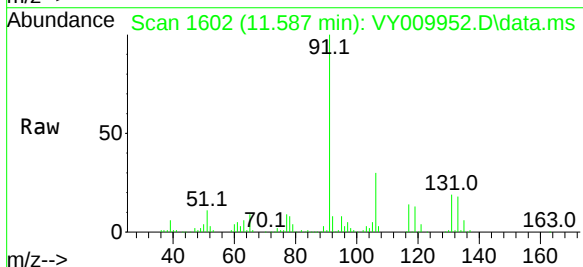
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

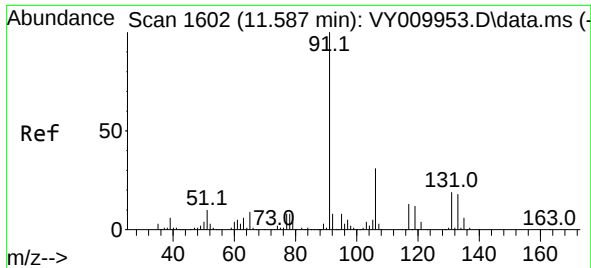
Tgt Ion:112 Resp: 51945
Ion Ratio Lower Upper
112 100
114 34.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.218 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion:131 Resp: 18479
Ion Ratio Lower Upper
131 100
133 91.5 47.3 142.0
119 65.3 32.1 96.3

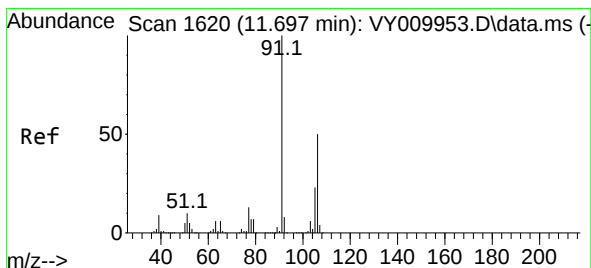
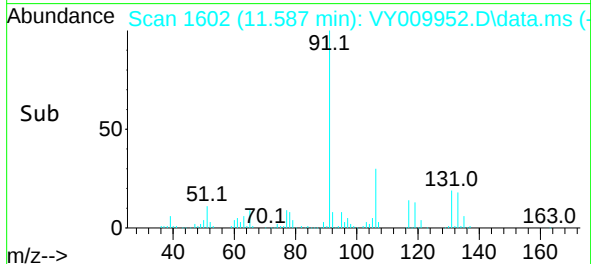
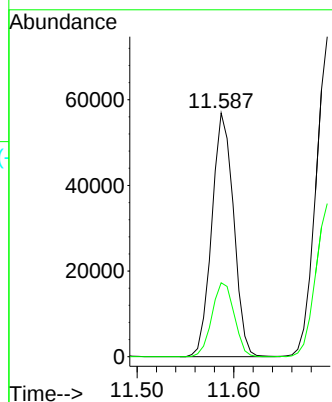
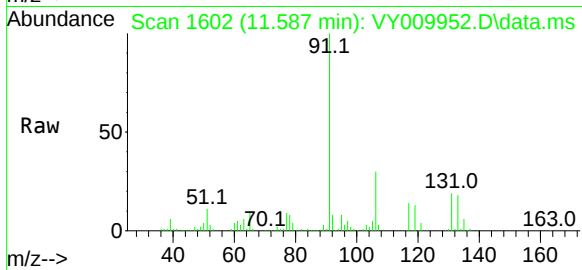




#67
Ethyl Benzene
Concen: 21.253 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

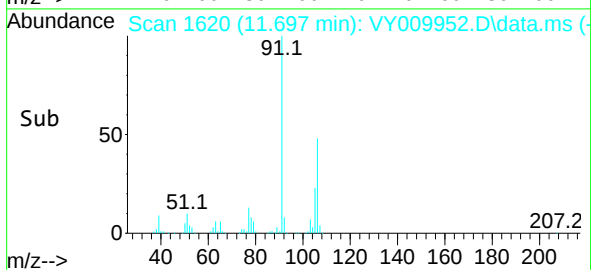
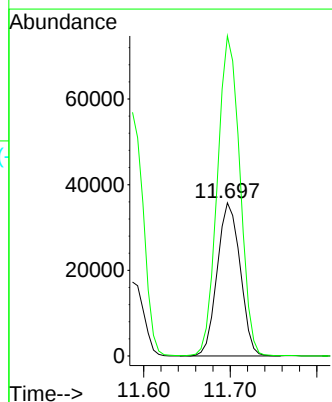
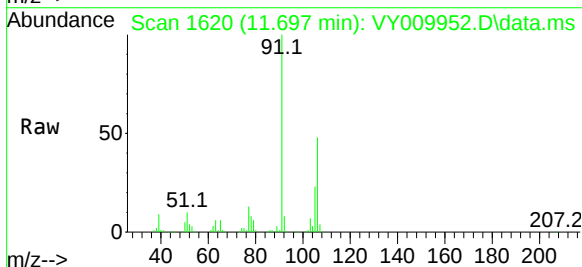
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

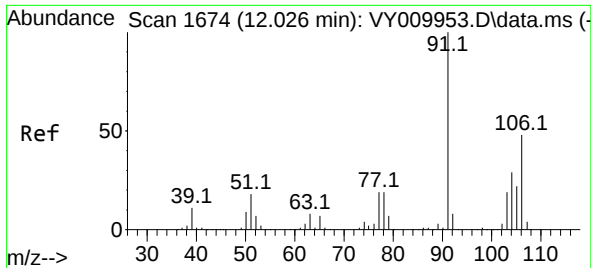
Tgt Ion: 91 Resp: 88869
Ion Ratio Lower Upper
91 100
106 30.3 26.2 39.4



#68
m/p-Xylenes
Concen: 40.758 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 106 Resp: 65882
Ion Ratio Lower Upper
106 100
91 204.5 156.2 234.2

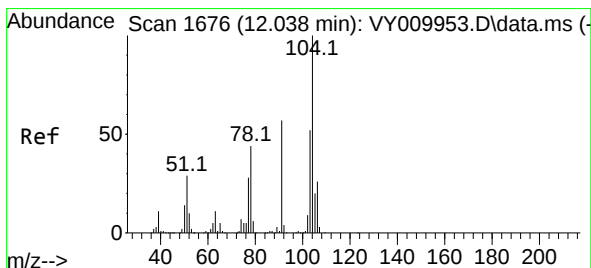
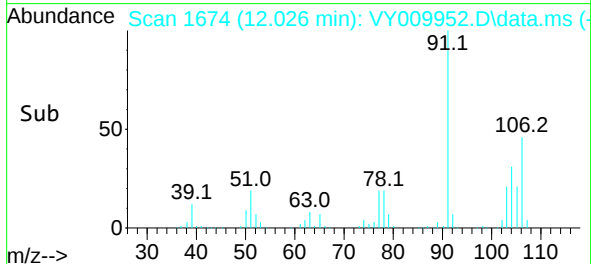
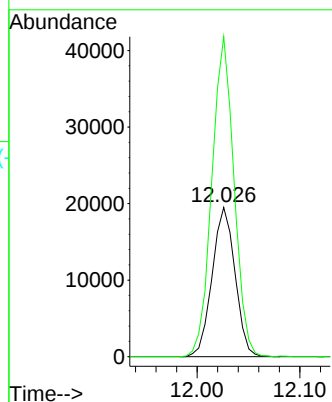
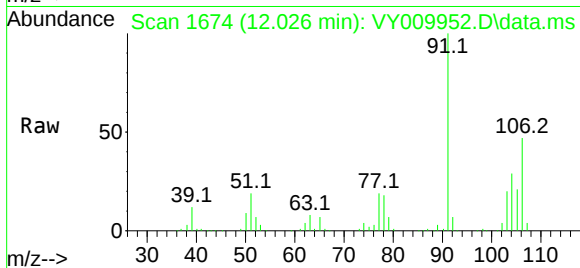




#69
o-Xylene
Concen: 19.997 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

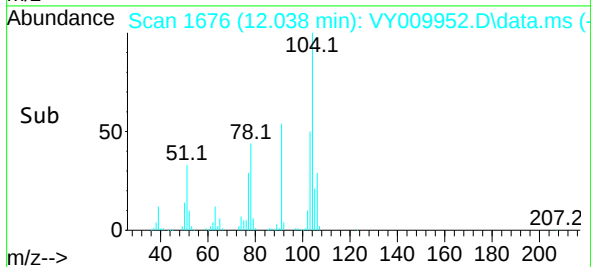
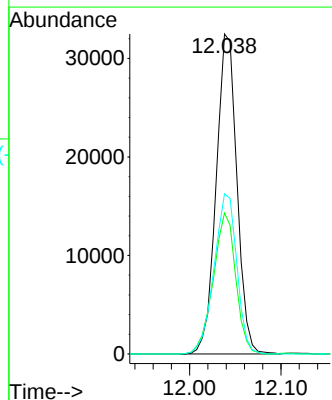
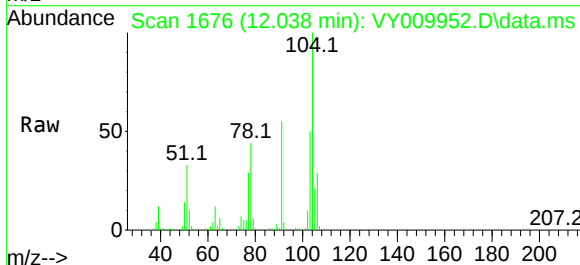
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

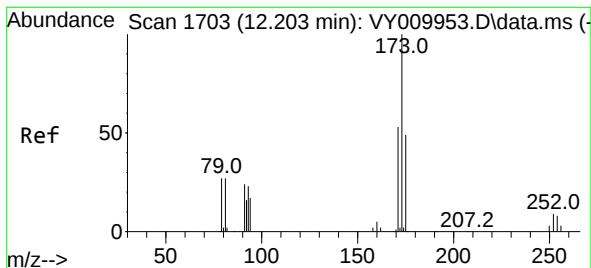
Tgt Ion:106 Resp: 30137
Ion Ratio Lower Upper
106 100
91 208.2 103.2 309.4



#70
Styrene
Concen: 19.775 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion:104 Resp: 51332
Ion Ratio Lower Upper
104 100
78 47.7 38.6 57.8
103 54.8 43.3 64.9





#71

Bromoform

Concen: 20.369 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

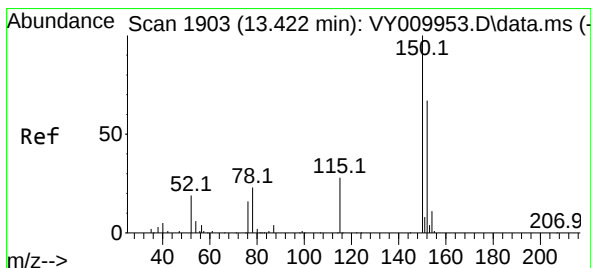
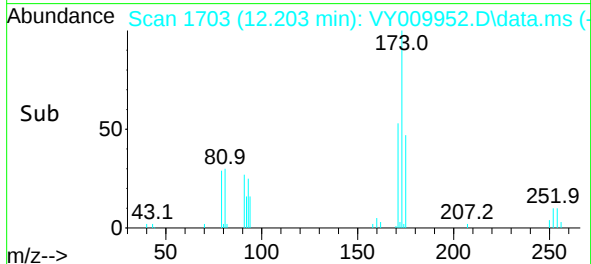
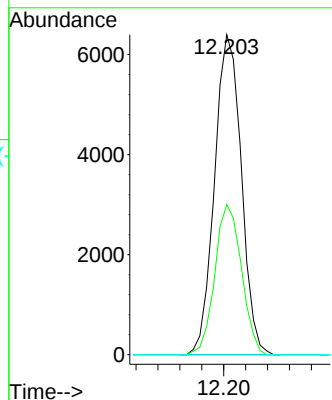
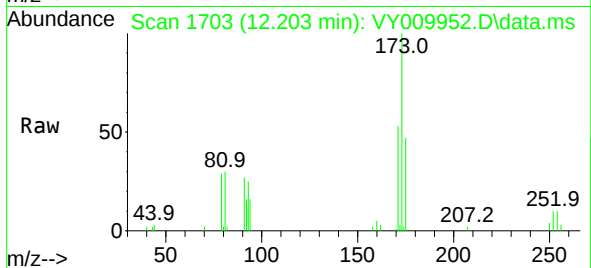
Tgt Ion:173 Resp: 10838

Ion Ratio Lower Upper

173 100

175 46.7 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: VY009952.D

Acq: 10 Aug 2022 15:46

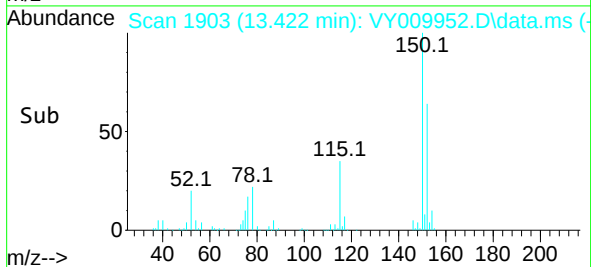
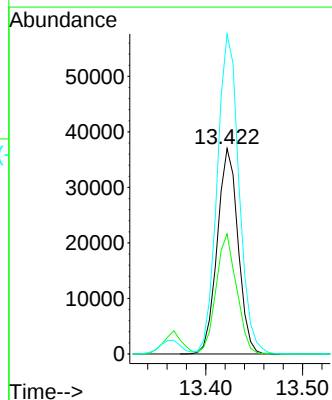
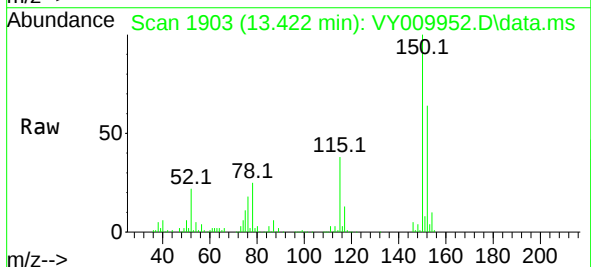
Tgt Ion:152 Resp: 55059

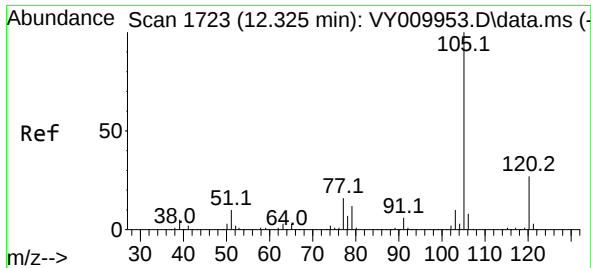
Ion Ratio Lower Upper

152 100

115 57.6 28.6 85.9

150 164.2 0.0 349.8

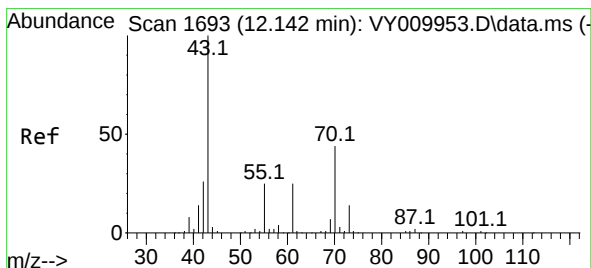
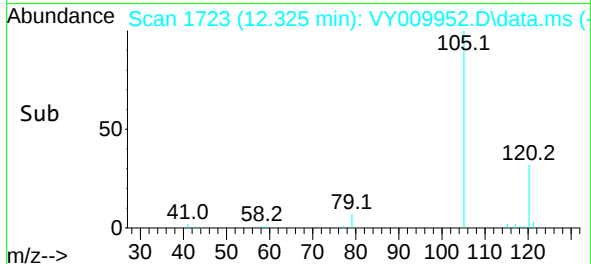
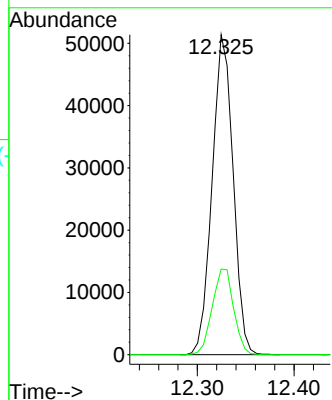
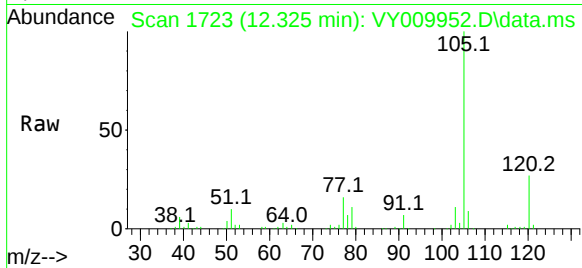




#73
Isopropylbenzene
Concen: 20.660 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

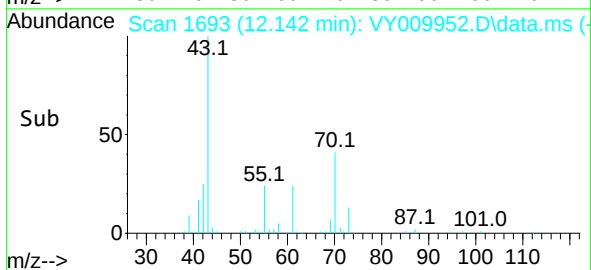
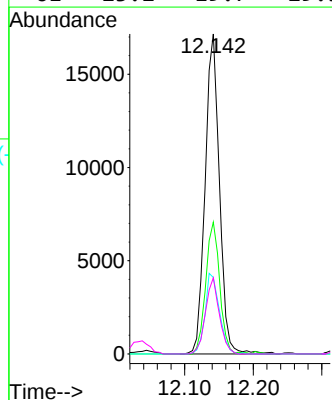
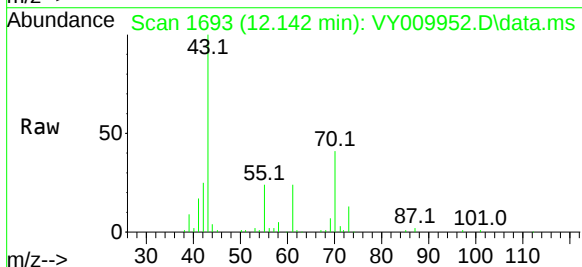
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

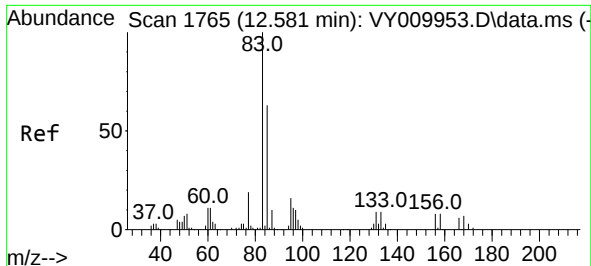
Tgt Ion:105 Resp: 77253
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1



#74
N-ethyl acetate
Concen: 20.913 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 43 Resp: 24992
Ion Ratio Lower Upper
43 100
70 40.3 35.6 53.4
55 25.2 19.5 29.3
61 23.2 19.7 29.5

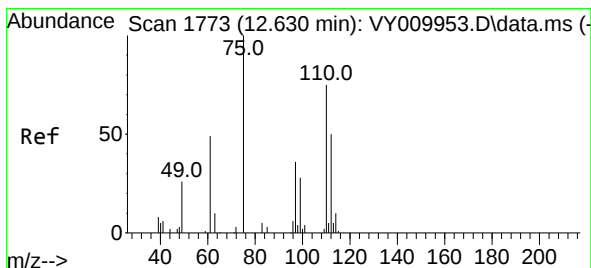
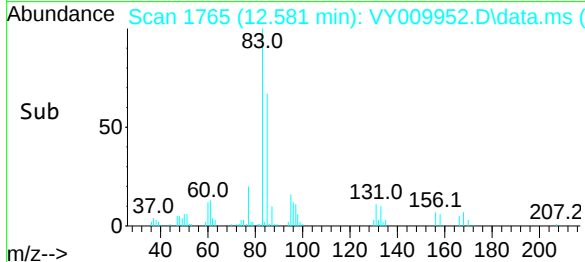
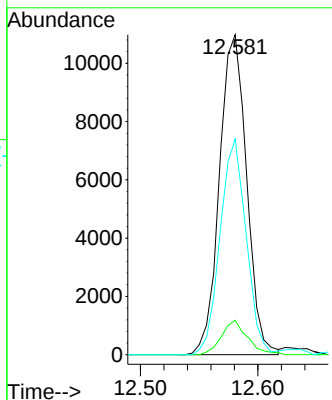
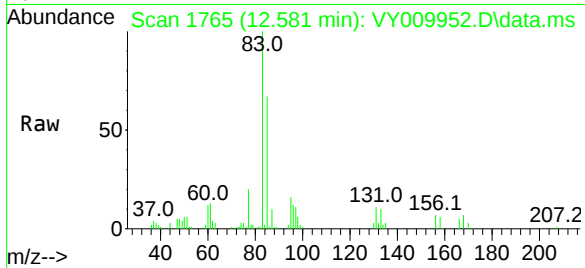




#75
1,1,2,2-Tetrachloroethane
Concen: 20.734 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

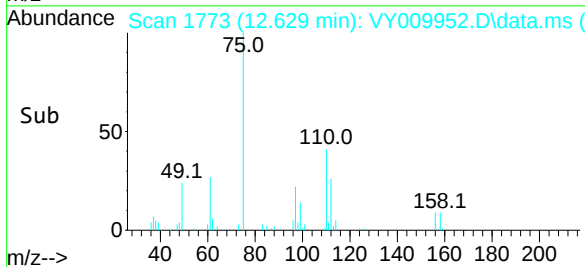
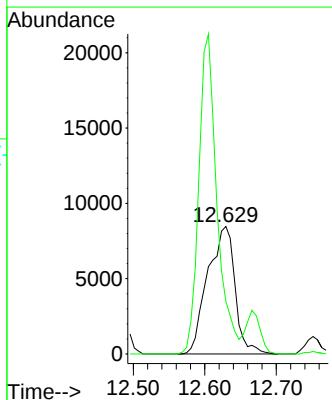
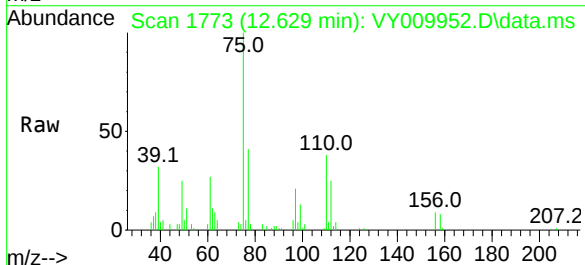
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

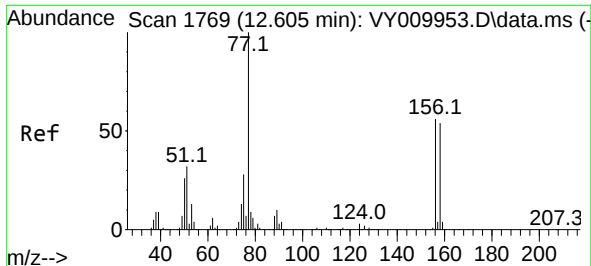
Tgt Ion: 83 Resp: 17650
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 64.9 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 37.095 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 75 Resp: 22415
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

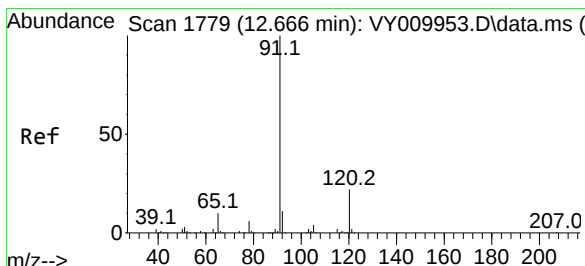
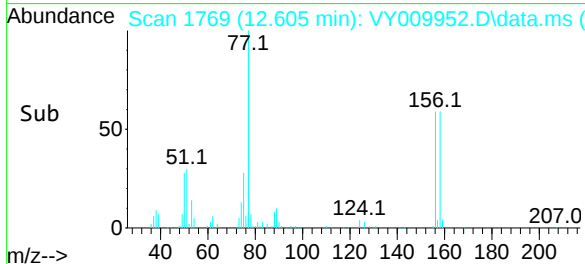
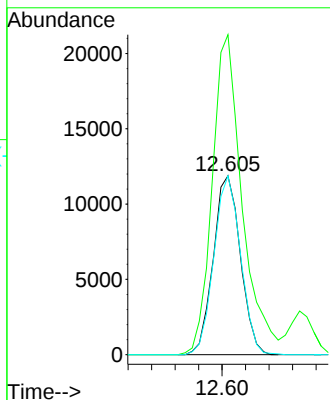
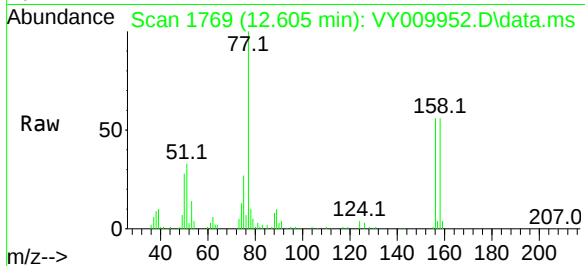




#77
Bromobenzene
Concen: 21.207 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

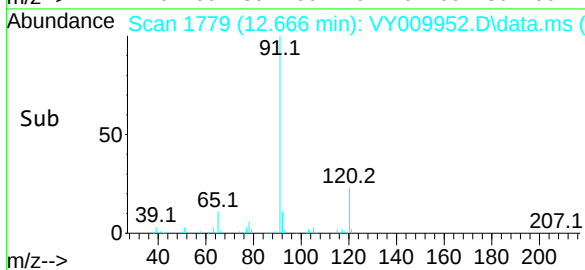
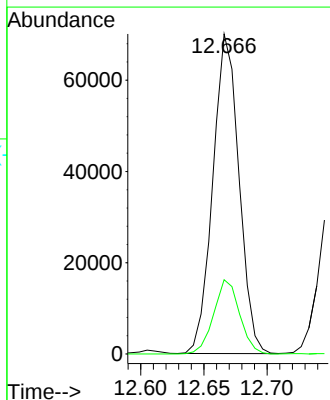
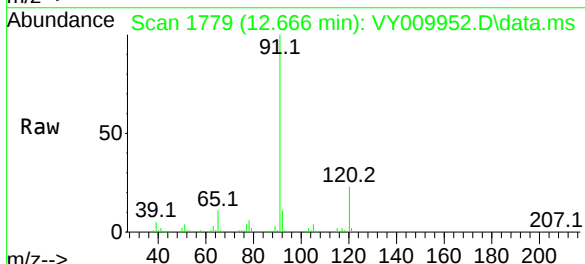
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

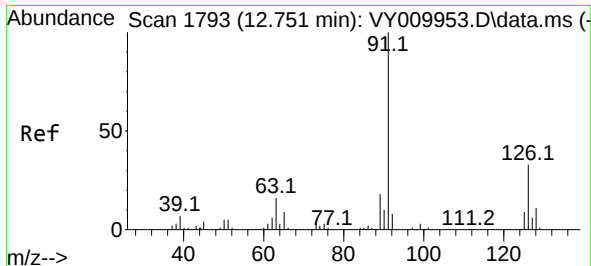
Tgt Ion	Ratio	Lower	Upper
156	100		
77	196.7	88.1	264.3
158	98.3	48.6	145.8



#78
n-propylbenzene
Concen: 21.245 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.9	35.5

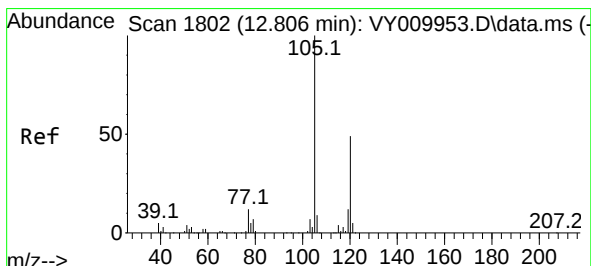
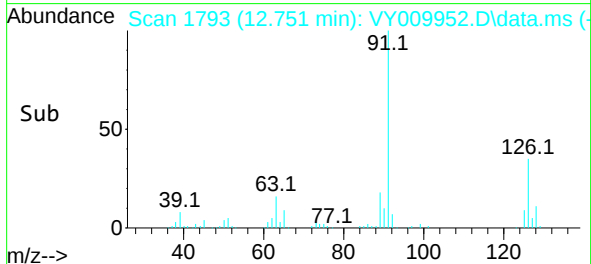
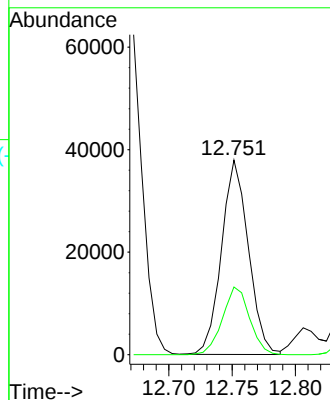
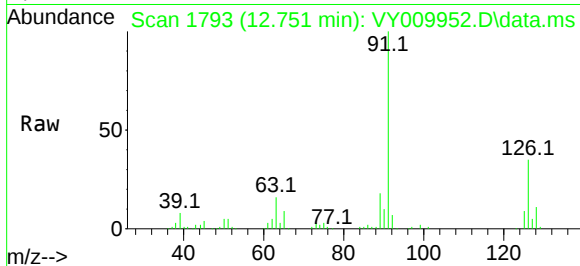




#79
2-Chlorotoluene
Concen: 21.160 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

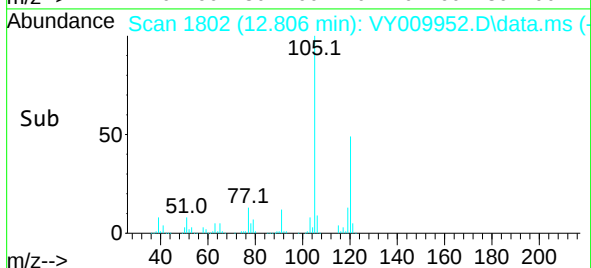
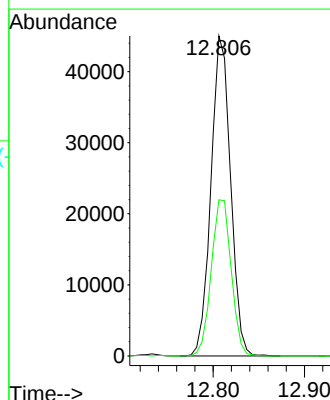
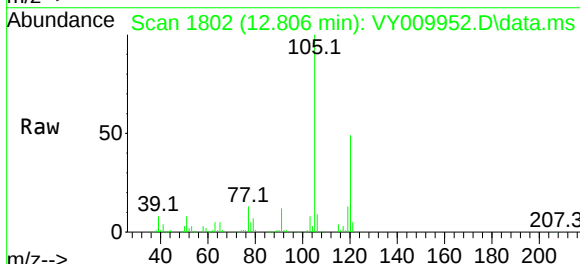
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

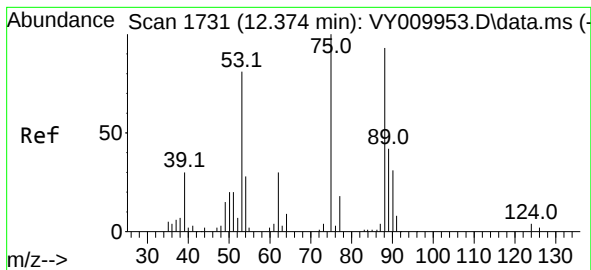
Tgt Ion: 91 Resp: 56163
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 21.397 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 105 Resp: 66912
Ion Ratio Lower Upper
105 100
120 49.6 25.3 75.8

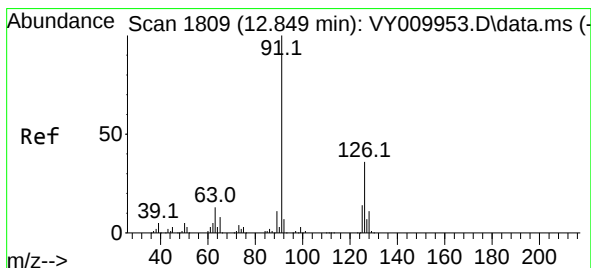
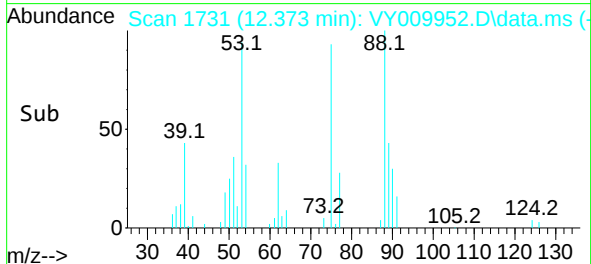
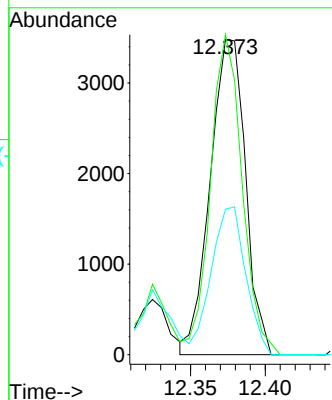
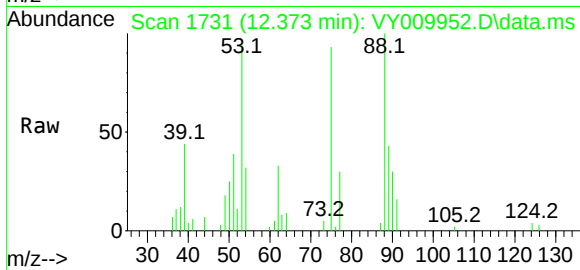




#81
trans-1,4-Dichloro-2-butene
Concen: 19.019 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

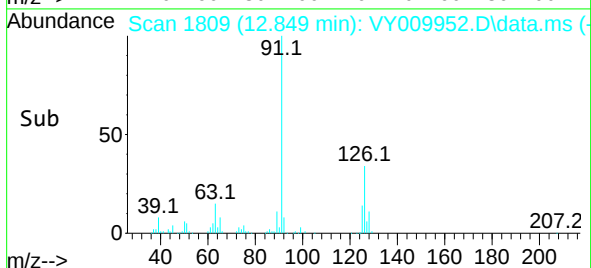
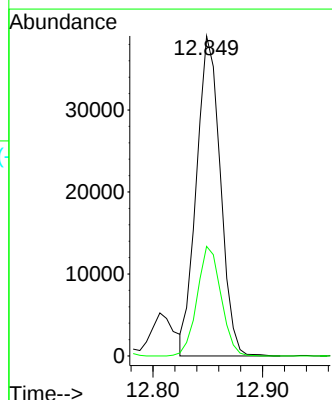
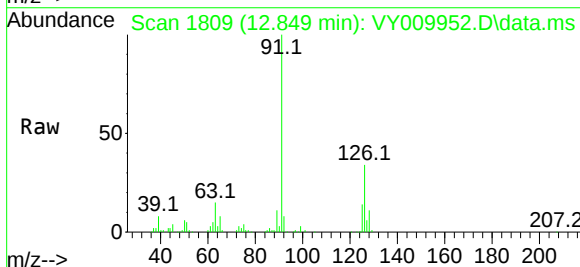
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

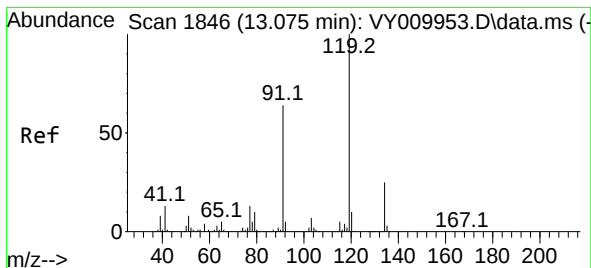
Tgt Ion: 75 Resp: 5710
Ion Ratio Lower Upper
75 100
53 91.2 71.4 107.2
89 45.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 21.140 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 91 Resp: 59041
Ion Ratio Lower Upper
91 100
126 34.2 18.0 54.0





#83

tert-Butylbenzene

Concen: 21.677 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

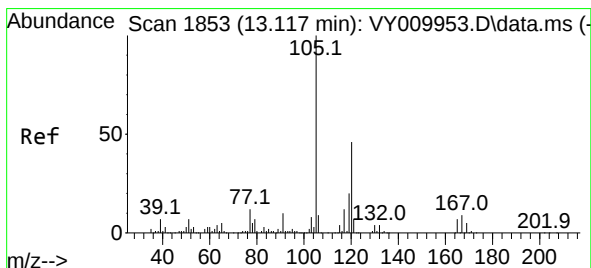
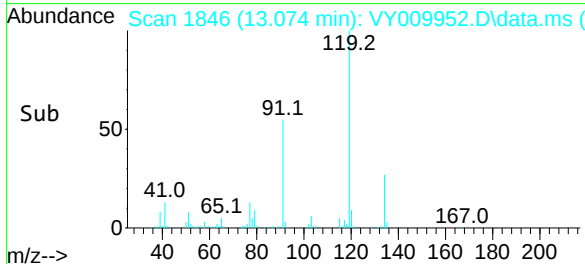
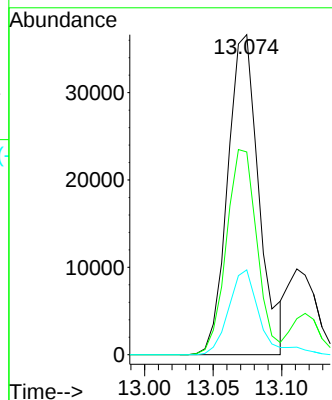
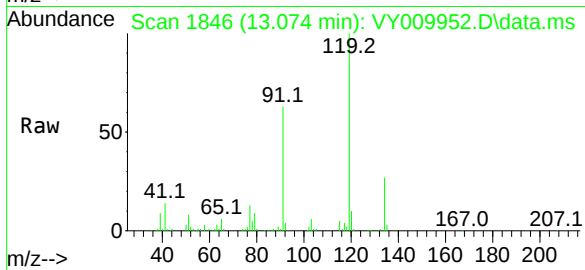
Tgt Ion:119 Resp: 58105

Ion Ratio Lower Upper

119 100

91 63.0 32.0 96.0

134 26.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 21.588 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009952.D

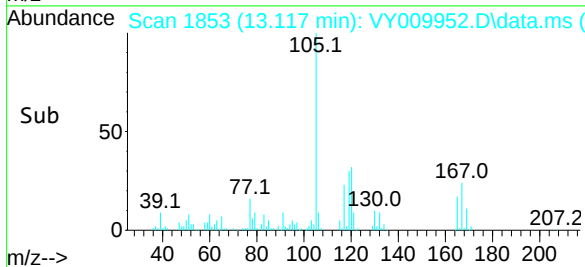
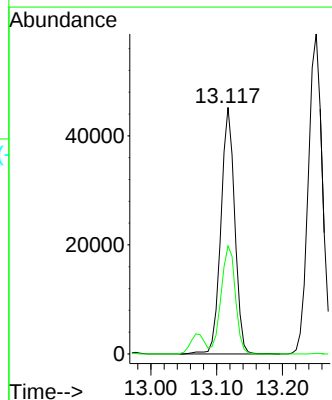
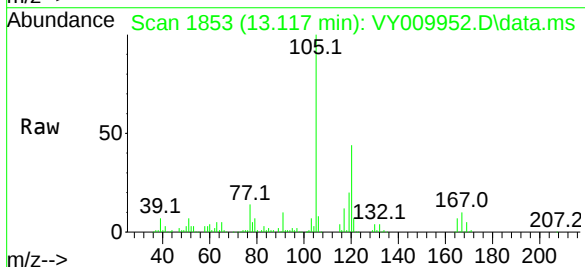
Acq: 10 Aug 2022 15:46

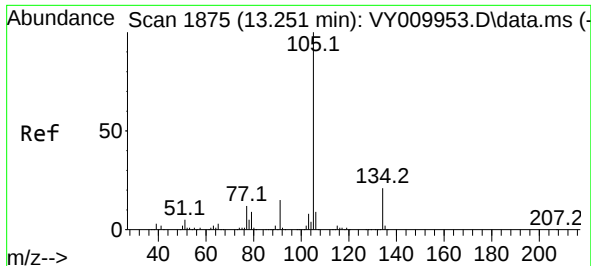
Tgt Ion:105 Resp: 66063

Ion Ratio Lower Upper

105 100

120 45.3 23.4 70.3

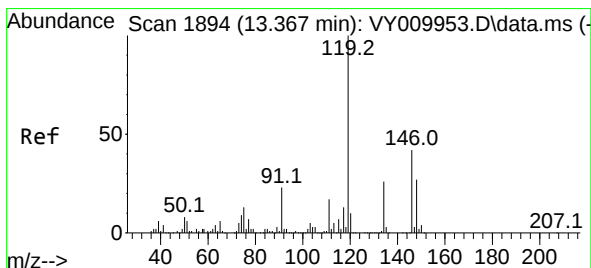
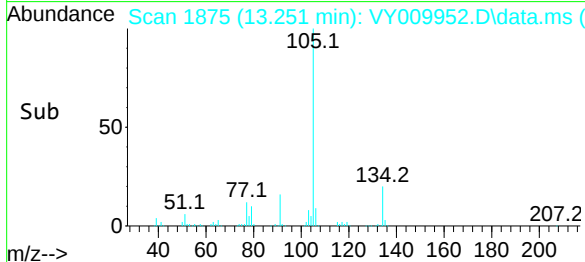
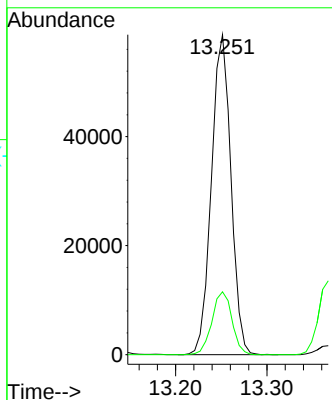
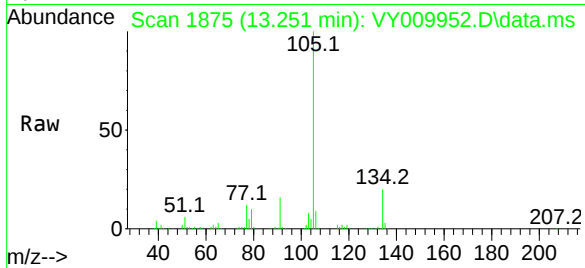




#85
 sec-Butylbenzene
 Concen: 21.051 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY009952.D
 Acq: 10 Aug 2022 15:46

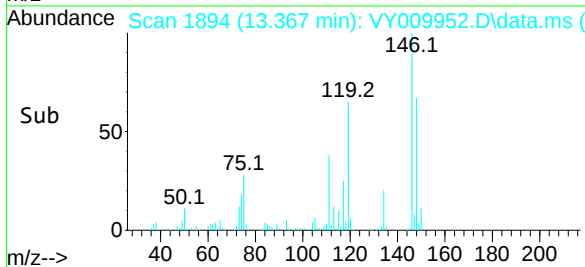
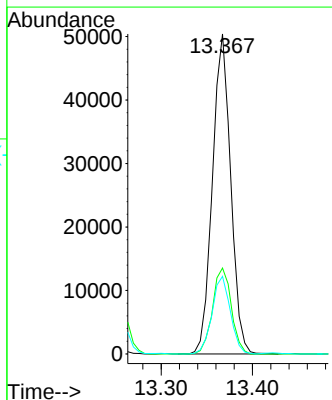
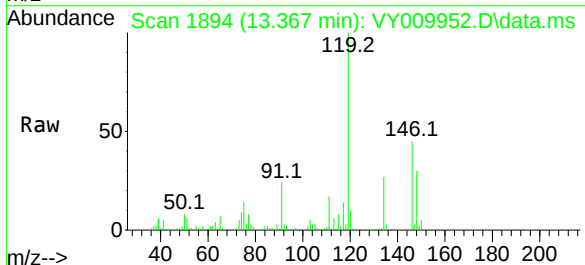
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

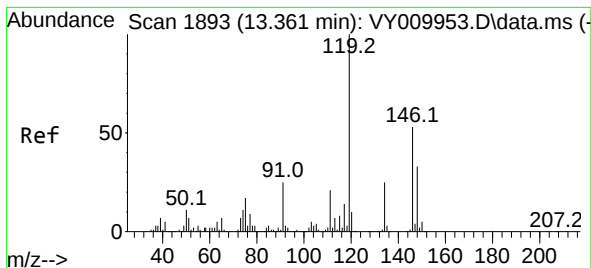
Tgt Ion:105 Resp: 86912
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.894 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY009952.D
 Acq: 10 Aug 2022 15:46

Tgt Ion:119 Resp: 69892
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.5 40.4
 91 24.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.962 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

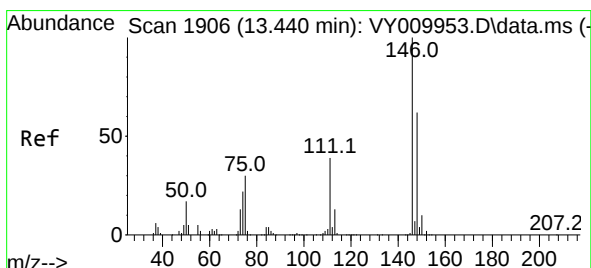
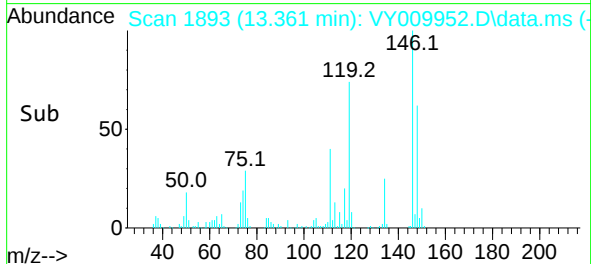
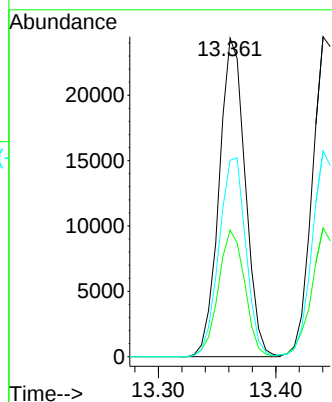
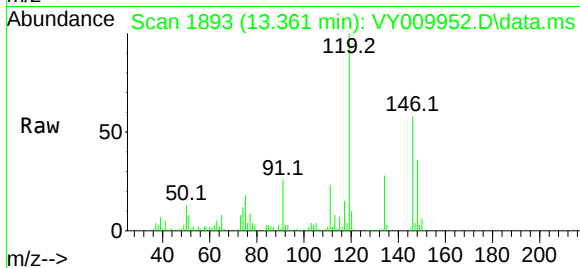
Tgt Ion:146 Resp: 37666

Ion Ratio Lower Upper

146 100

111 40.1 19.1 57.3

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.081 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

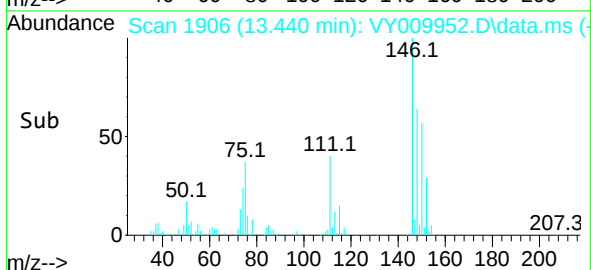
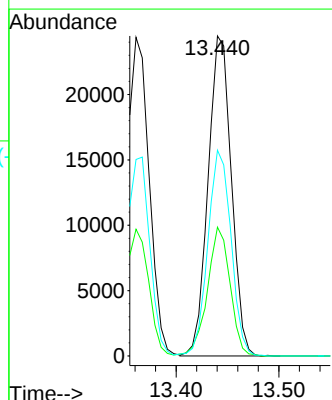
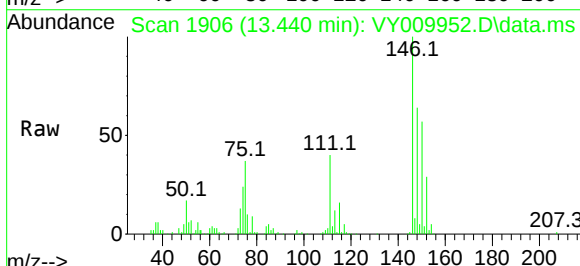
Tgt Ion:146 Resp: 38497

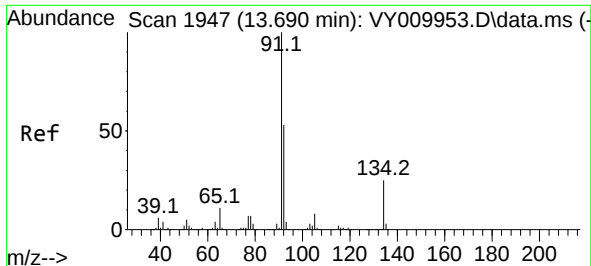
Ion Ratio Lower Upper

146 100

111 39.2 18.9 56.9

148 64.2 31.6 95.0





#89

n-Butylbenzene

Concen: 22.083 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

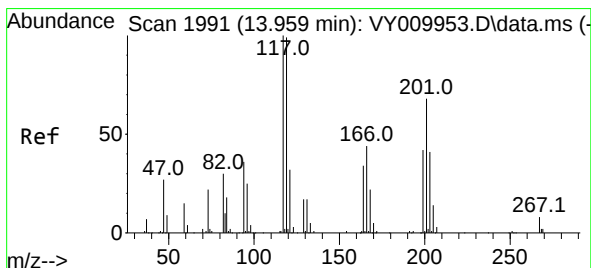
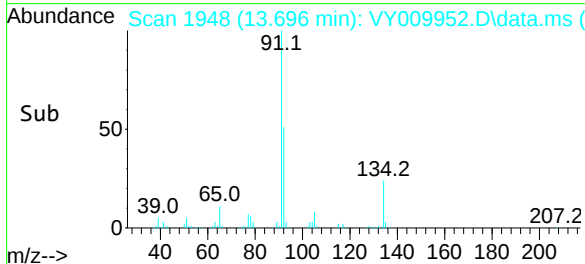
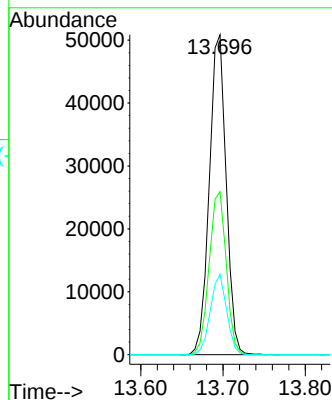
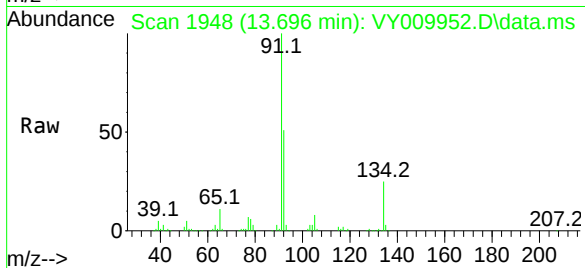
Tgt Ion: 91 Resp: 72385

Ion Ratio Lower Upper

91 100

92 51.7 26.9 80.7

134 24.4 14.0 41.9



#90

Hexachloroethane

Concen: 21.664 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009952.D

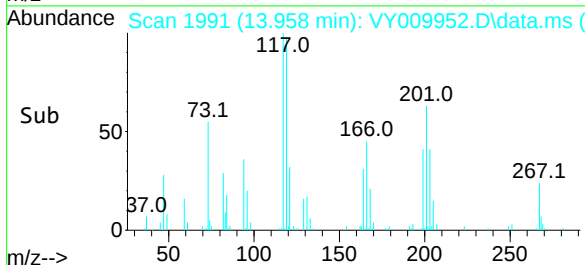
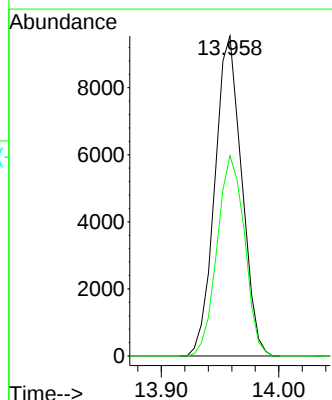
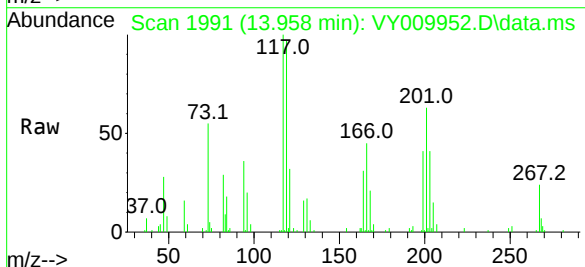
Acq: 10 Aug 2022 15:46

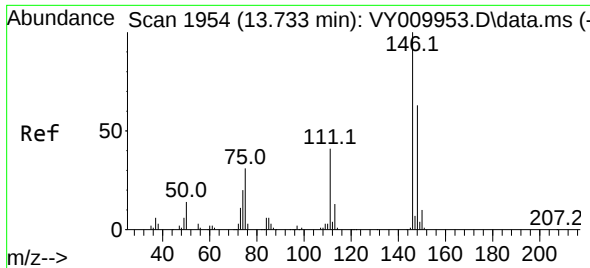
Tgt Ion: 117 Resp: 15175

Ion Ratio Lower Upper

117 100

201 63.8 38.8 116.3

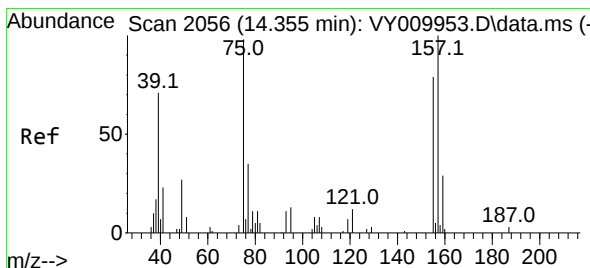
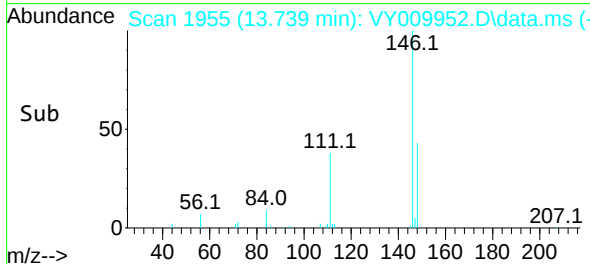
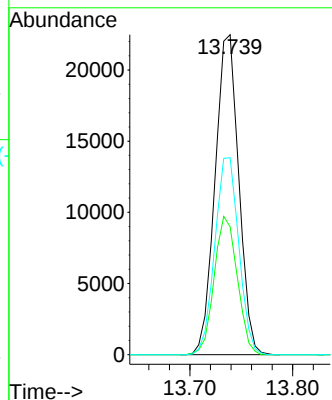
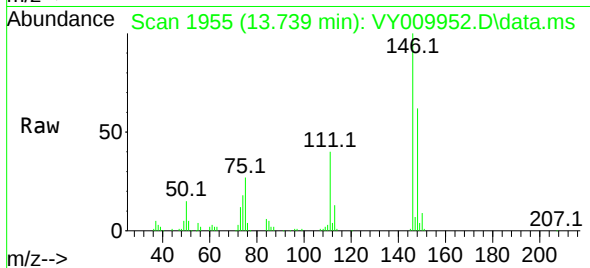




#91
1,2-Dichlorobenzene
Concen: 22.038 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

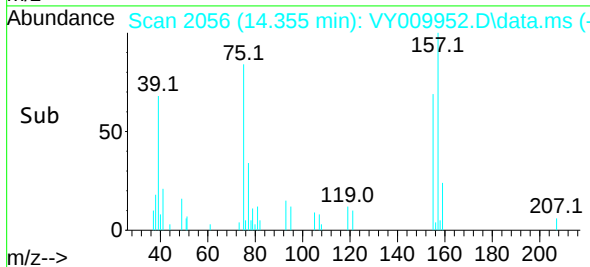
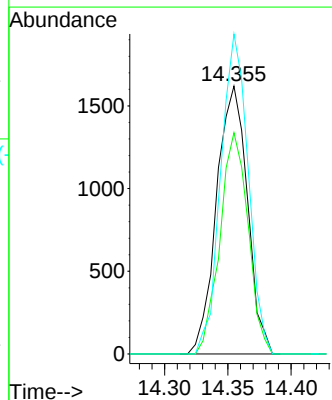
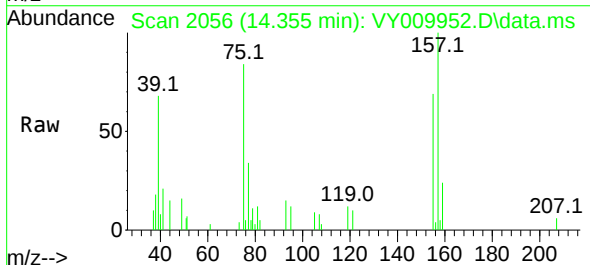
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

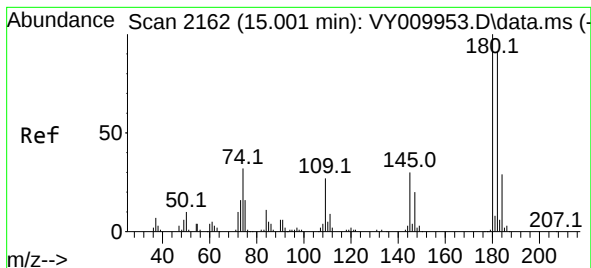
Tgt Ion:146 Resp: 35948
Ion Ratio Lower Upper
146 100
111 42.2 19.7 59.1
148 62.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.432 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009952.D
Acq: 10 Aug 2022 15:46

Tgt Ion: 75 Resp: 2741
Ion Ratio Lower Upper
75 100
155 75.2 46.4 139.1
157 106.3 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 19.903 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

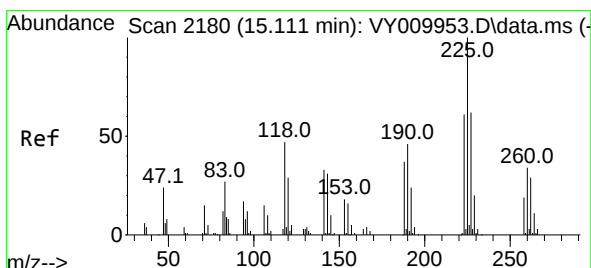
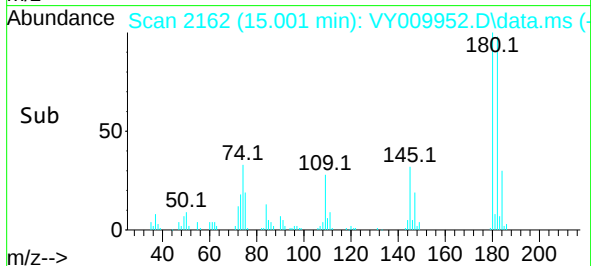
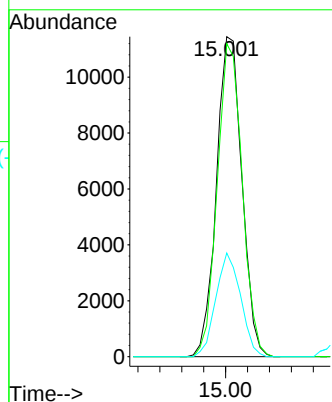
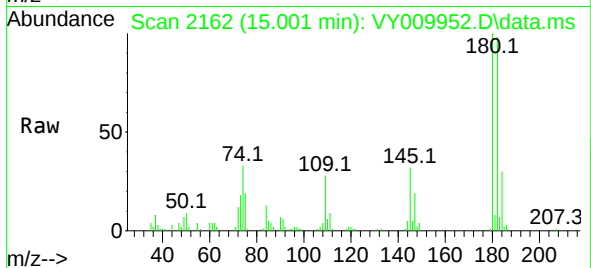
Tgt Ion:180 Resp: 18483

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 31.5 15.1 45.3



#94

Hexachlorobutadiene

Concen: 20.578 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

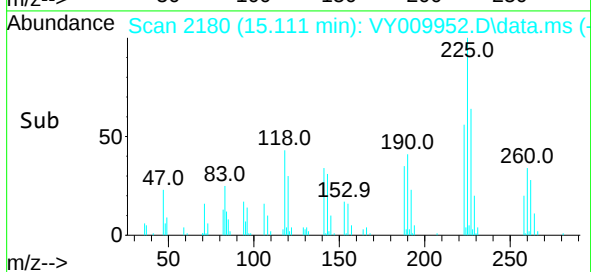
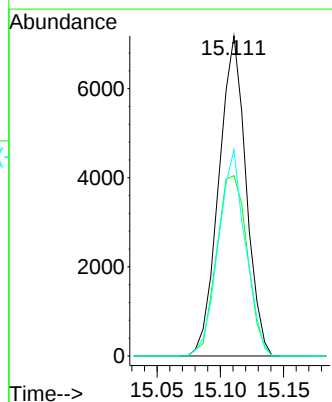
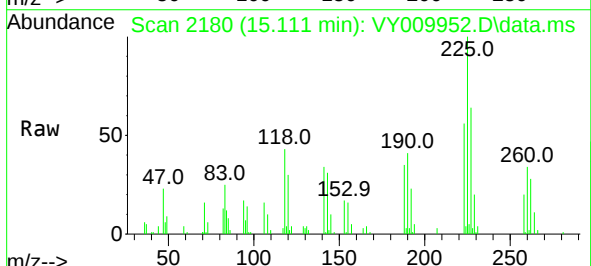
Tgt Ion:225 Resp: 10753

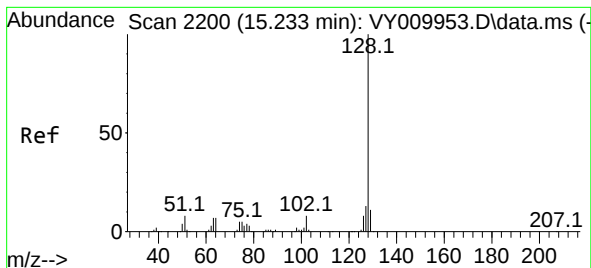
Ion Ratio Lower Upper

225 100

223 63.8 30.8 92.3

227 64.2 31.9 95.5





#95

Naphthalene

Concen: 19.395 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

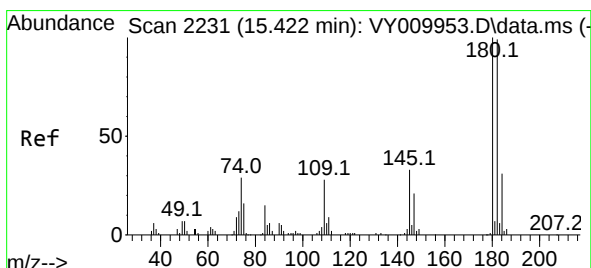
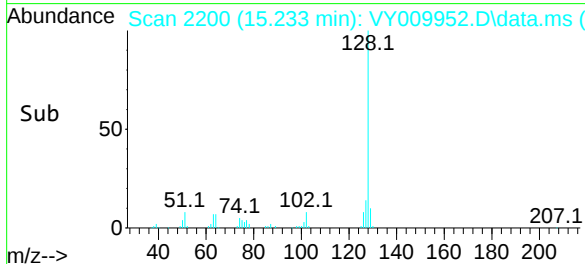
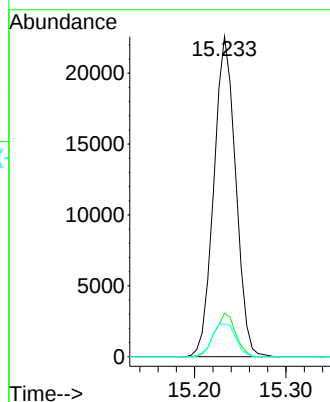
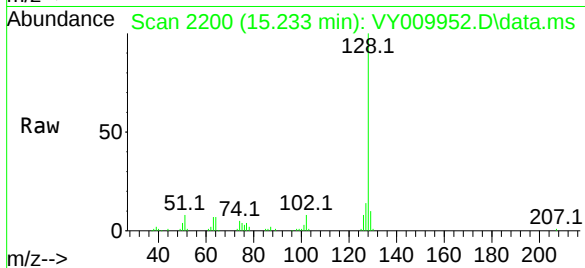
Tgt Ion:128 Resp: 37484

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.522 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009952.D

Acq: 10 Aug 2022 15:46

Tgt Ion:180 Resp: 16899

Ion Ratio Lower Upper

180 100

182 92.2 47.0 141.0

145 31.6 15.6 46.7

