

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009985.D
 Acq On : 12 Aug 2022 14:34
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 13 02:20:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:18:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	106537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	176997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	160431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	21530	19.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.580%#
35) Dibromofluoromethane	7.704	113	21902	20.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.340%#
50) Toluene-d8	10.173	98	84907	20.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	40.580%#
62) 4-Bromofluorobenzene	12.477	95	29548	19.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22087	23.343	ug/l	99
3) Chloromethane	2.107	50	14628	20.422	ug/l	100
4) Vinyl Chloride	2.241	62	15191	19.916	ug/l	99
5) Bromomethane	2.625	94	10890	18.164	ug/l	96
6) Chloroethane	2.778	64	9306	18.642	ug/l	98
7) Trichlorofluoromethane	3.107	101	35917	19.693	ug/l	99
8) Diethyl Ether	3.515	74	13675	19.322	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	23046	19.387	ug/l	98
10) Methyl Iodide	4.076	142	27736	19.772	ug/l	97
11) Tert butyl alcohol	4.948	59	11834	100.870	ug/l	99
12) 1,1-Dichloroethene	3.857	96	22616	19.716	ug/l	91
13) Acrolein	3.717	56	13500	96.719	ug/l	93
14) Allyl chloride	4.466	41	29170	18.401	ug/l #	92
15) Acrylonitrile	5.143	53	31294	93.517	ug/l	99
16) Acetone	3.936	43	23097	87.786	ug/l #	77
17) Carbon Disulfide	4.174	76	74648	19.839	ug/l #	95
18) Methyl Acetate	4.466	43	14036	16.764	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	54603	19.442	ug/l	93
20) Methylene Chloride	4.698	84	33044	19.573	ug/l #	89
21) trans-1,2-Dichloroethene	5.204	96	24857	19.511	ug/l	96
22) Diisopropyl ether	6.106	45	61765	19.069	ug/l	97
23) Vinyl Acetate	6.045	43	191639	95.349	ug/l	97
24) 1,1-Dichloroethane	6.003	63	39243	19.138	ug/l	98
25) 2-Butanone	6.972	43	36495	90.573	ug/l	96
26) 2,2-Dichloropropane	6.972	77	35393	19.375	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	27143	19.786	ug/l	94
28) Bromochloromethane	7.326	49	14911	18.162	ug/l	84
29) Tetrahydrofuran	7.338	42	23862	92.438	ug/l	88
30) Chloroform	7.496	83	41997	19.493	ug/l	96
31) Cyclohexane	7.771	56	36966	19.080	ug/l #	87
32) 1,1,1-Trichloroethane	7.691	97	36286	19.811	ug/l	98
36) 1,1-Dichloropropene	7.911	75	32901	20.234	ug/l	99
37) Ethyl Acetate	7.070	43	16521	19.048	ug/l #	93
38) Carbon Tetrachloride	7.887	117	33795	20.687	ug/l	99
39) Methylcyclohexane	9.173	83	38536	19.687	ug/l	96
40) Benzene	8.149	78	98626	19.956	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	21256	20.667	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	25091	19.653	ug/l	98
43) Isopropyl Acetate	8.265	43	28247	18.642	ug/l	92
44) Trichloroethene	8.935	130	26162	19.703	ug/l	93
45) 1,2-Dichloropropane	9.209	63	23176	19.753	ug/l	94
46) Dibromomethane	9.295	93	14396	20.286	ug/l	99
47) Bromodichloromethane	9.490	83	31303	19.826	ug/l	99
48) Methyl methacrylate	9.289	41	12629	19.059	ug/l	89
49) 1,4-Dioxane	9.289	88	3258	393.639	ug/l	95
51) 4-Methyl-2-Pentanone	10.063	43	78058	94.577	ug/l	92
52) Toluene	10.240	92	59371	20.032	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	31654	19.471	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	37190	19.835	ug/l	93
55) 1,1,2-Trichloroethane	10.636	97	20701	20.409	ug/l	98
56) Ethyl methacrylate	10.508	69	24417	19.392	ug/l	90
57) 1,3-Dichloropropane	10.782	76	32605	19.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	63252	116.259	ug/l	98
59) 2-Hexanone	10.825	43	53746	93.627	ug/l	90
60) Dibromochloromethane	10.977	129	23660	20.242	ug/l	99
61) 1,2-Dibromoethane	11.081	107	19546	20.117	ug/l	97
64) Tetrachloroethene	10.715	164	24365	21.249	ug/l	96
65) Chlorobenzene	11.514	112	65073	19.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	23684	20.142	ug/l	96
67) Ethyl Benzene	11.587	91	109566	19.860	ug/l	96
68) m/p-Xylenes	11.697	106	87540	41.741	ug/l	95
69) o-Xylene	12.026	106	39455	19.865	ug/l	96
70) Styrene	12.038	104	68260	20.151	ug/l	100
71) Bromoform	12.203	173	14202	20.210	ug/l #	99
73) Isopropylbenzene	12.325	105	104502	19.797	ug/l	99
74) N-amyl acetate	12.142	43	24864	18.013	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	24248	19.916	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	30067	20.679	ug/l #	100
77) Bromobenzene	12.605	156	25934	19.859	ug/l	94
78) n-propylbenzene	12.666	91	133732	19.576	ug/l	98
79) 2-Chlorotoluene	12.752	91	77045	19.450	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	90262	20.113	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	8234	19.227	ug/l	89
82) 4-Chlorotoluene	12.849	91	81589	20.098	ug/l	96
83) tert-Butylbenzene	13.075	119	76026	19.635	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	90582	20.480	ug/l	98
85) sec-Butylbenzene	13.251	105	117267	19.931	ug/l	99
86) p-Isopropyltoluene	13.367	119	94698	20.130	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	52655	20.286	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	52636	19.902	ug/l	98
89) n-Butylbenzene	13.696	91	90647	20.018	ug/l	98
90) Hexachloroethane	13.959	117	20227	20.134	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	47256	20.244	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3749	19.819	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	24943	18.564	ug/l	99
94) Hexachlorobutadiene	15.111	225	14712	19.668	ug/l	98
95) Naphthalene	15.233	128	50464	17.831	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	22088	18.521	ug/l	95

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Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:18:47 2022
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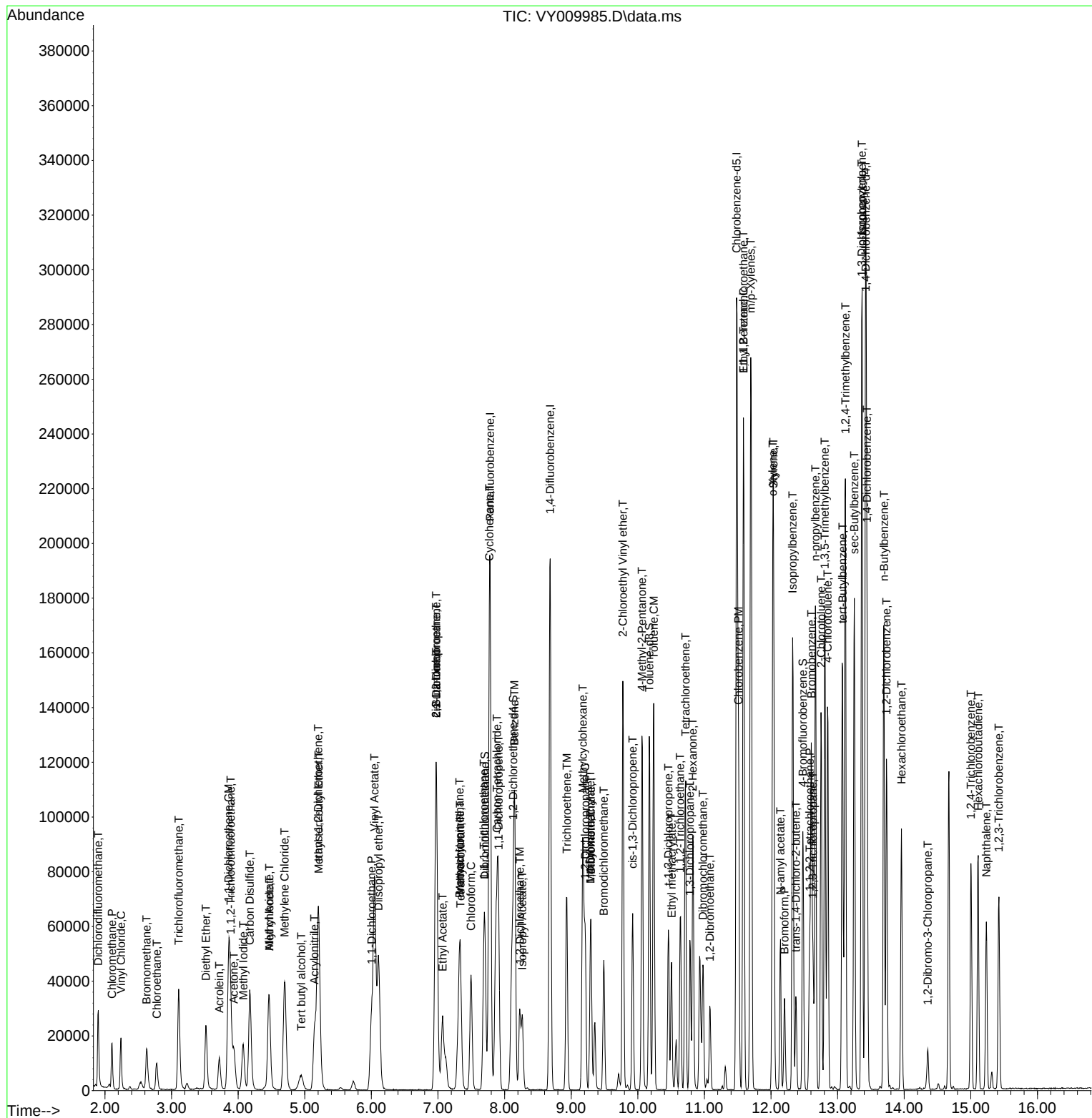
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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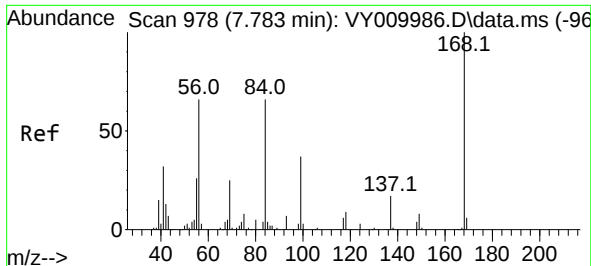
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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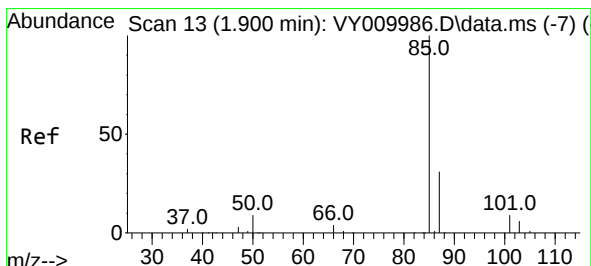
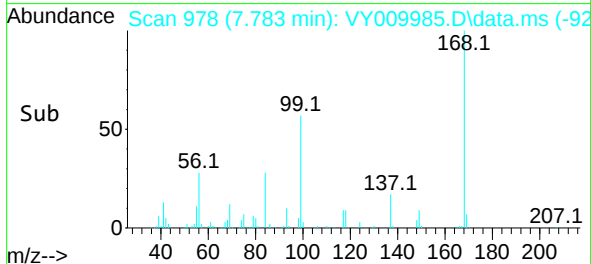
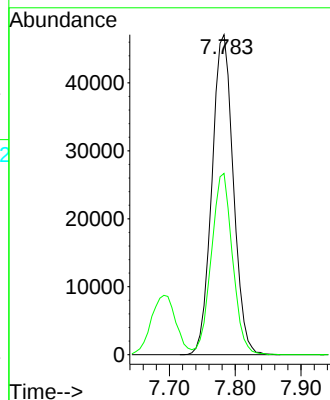
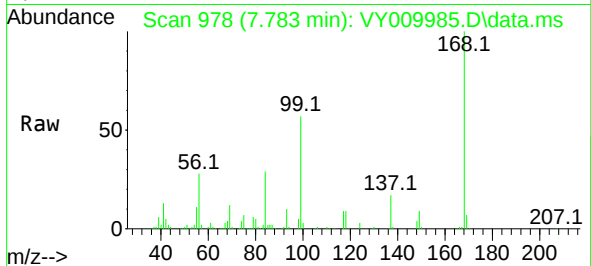




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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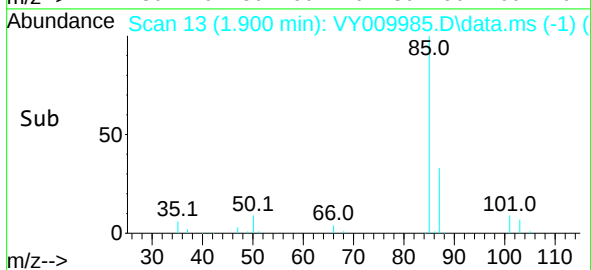
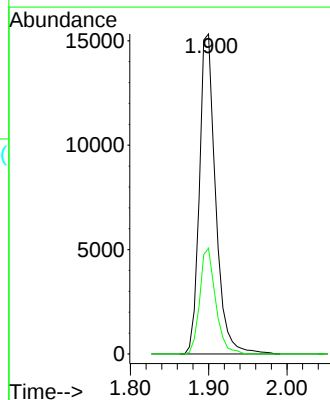
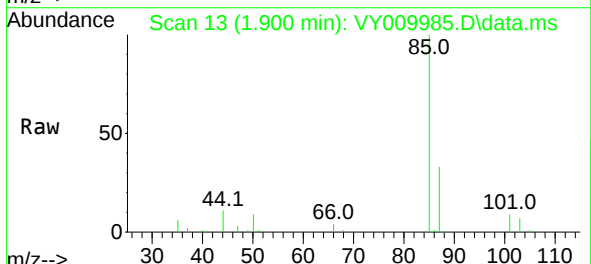
Instrument :
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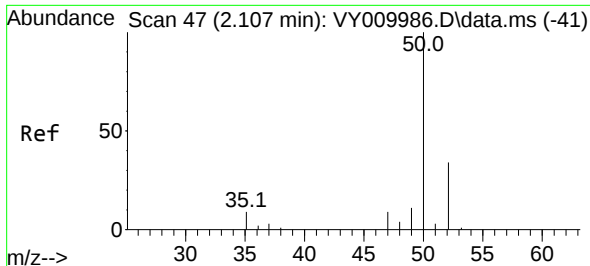
Tgt Ion:168 Resp: 106537
Ion Ratio Lower Upper
168 100
99 56.6 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 23.343 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 85 Resp: 22087
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.5

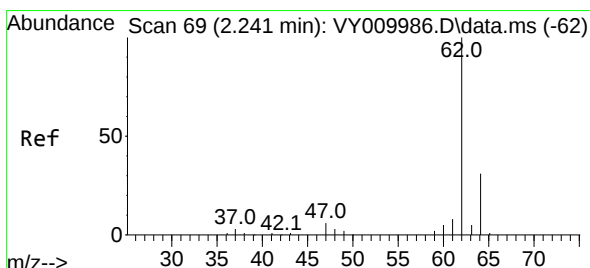
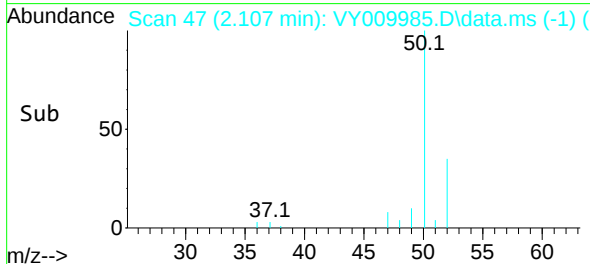
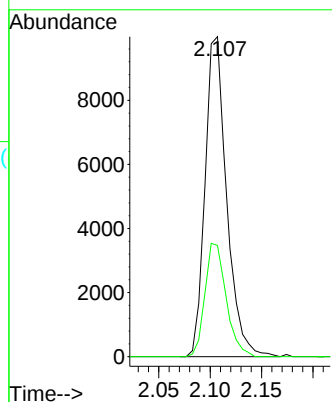
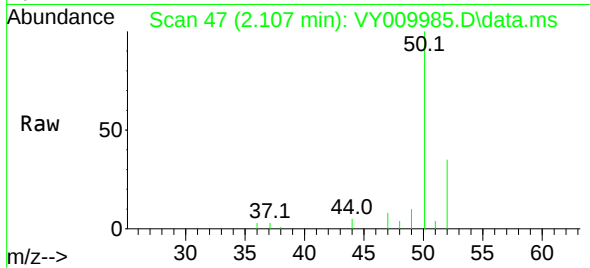




#3
Chloromethane
Concen: 20.422 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

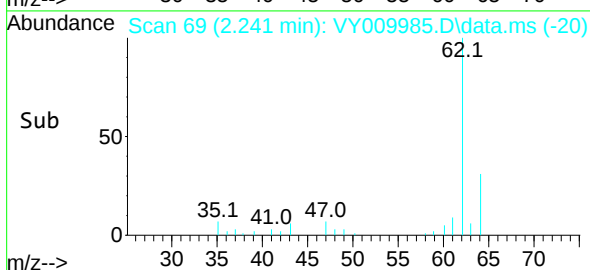
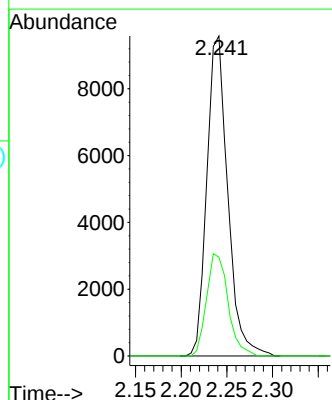
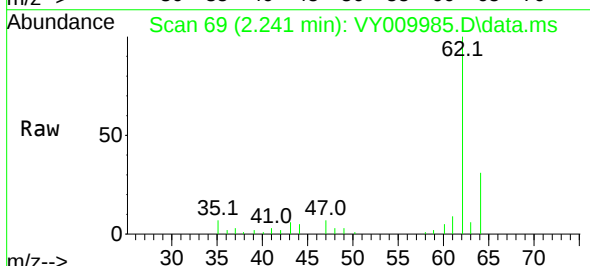
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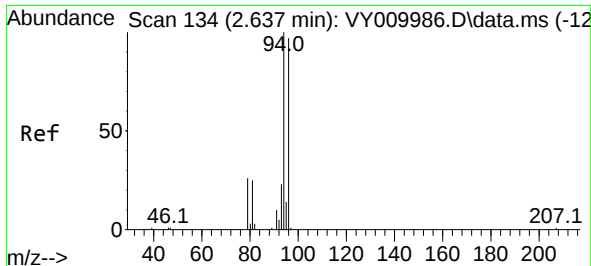
Tgt Ion: 50 Resp: 14628
Ion Ratio Lower Upper
50 100
52 34.8 27.9 41.9



#4
Vinyl Chloride
Concen: 19.916 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 62 Resp: 15191
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.4

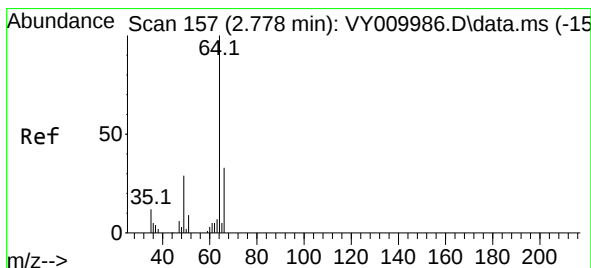
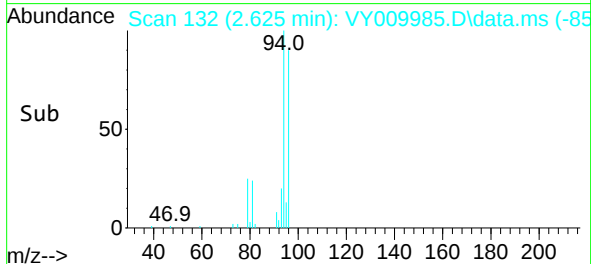
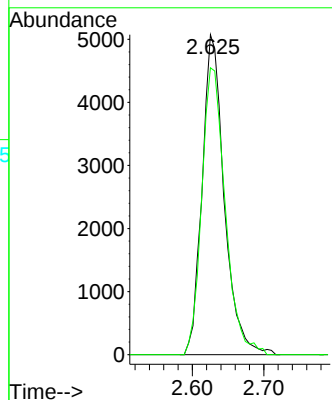
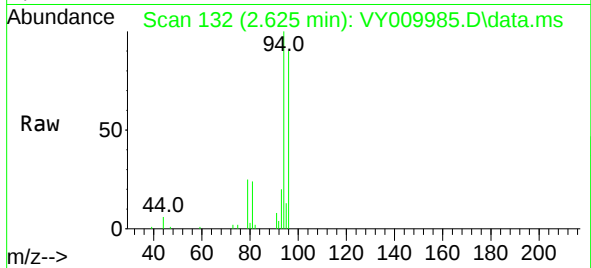




#5
Bromomethane
Concen: 18.164 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY009985.D
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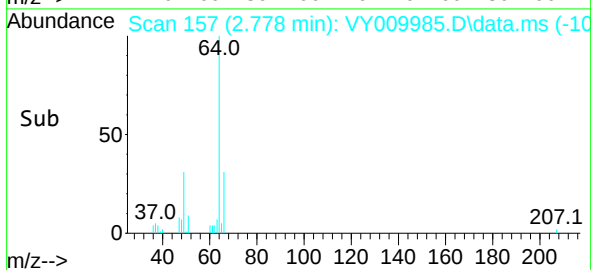
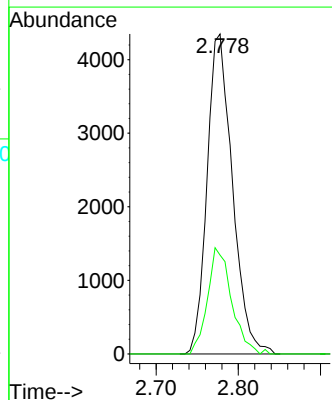
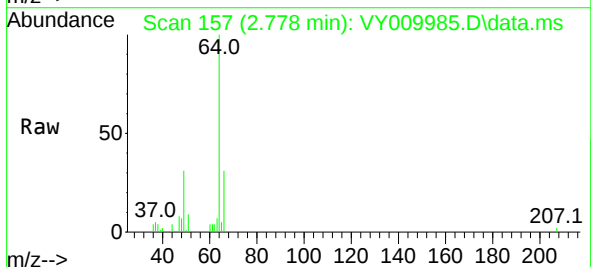
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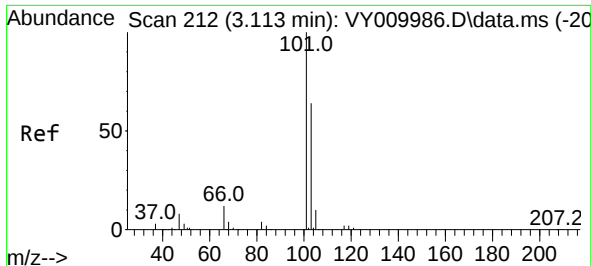
Tgt Ion: 94 Resp: 10890
Ion Ratio Lower Upper
94 100
96 89.7 74.6 111.8



#6
Chloroethane
Concen: 18.642 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 64 Resp: 9306
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.8

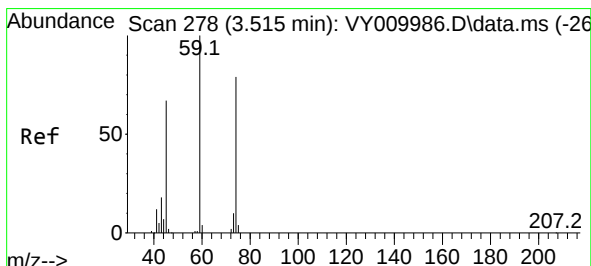
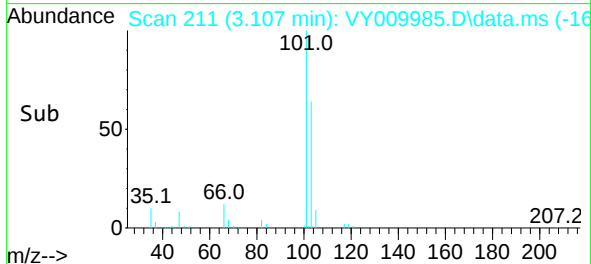
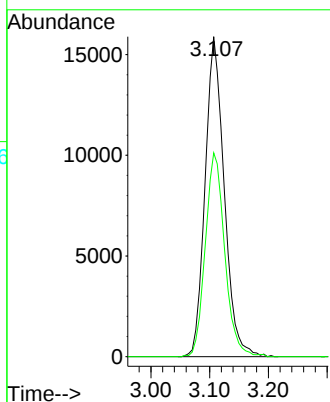
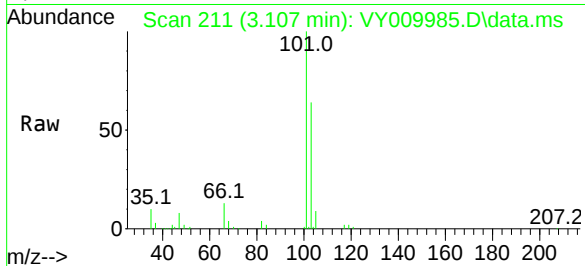




#7
Trichlorofluoromethane
Concen: 19.693 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

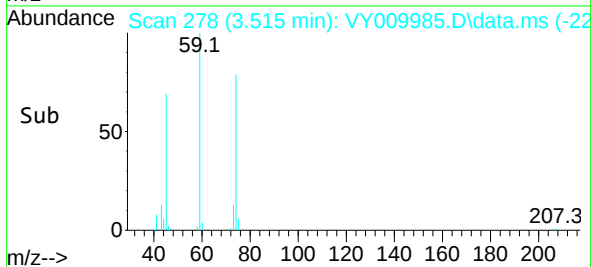
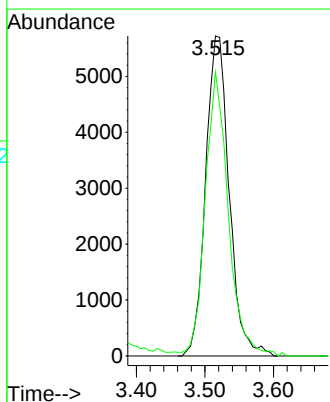
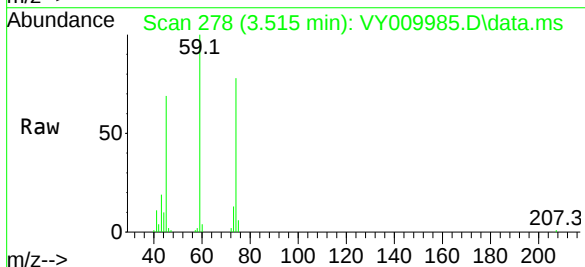
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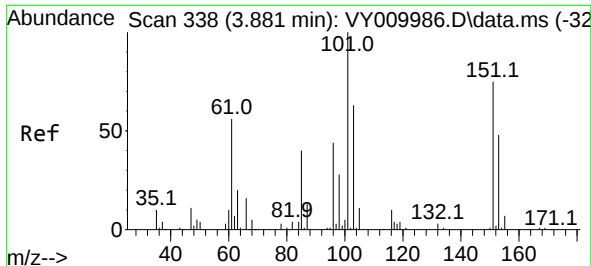
Tgt Ion:101 Resp: 35917
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2



#8
Diethyl Ether
Concen: 19.322 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 74 Resp: 13675
Ion Ratio Lower Upper
74 100
45 86.8 49.1 147.4

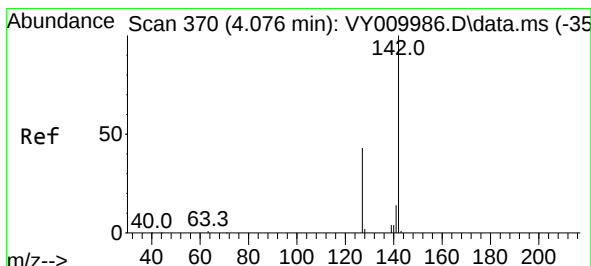
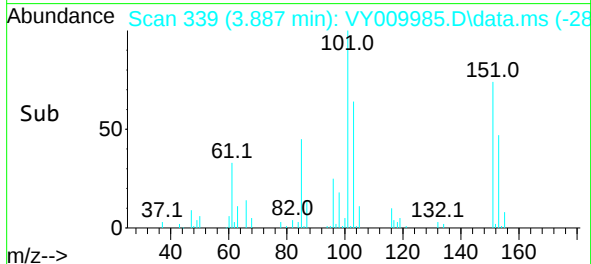
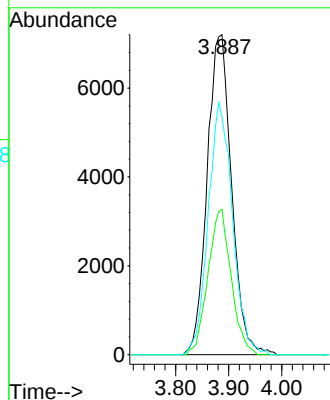
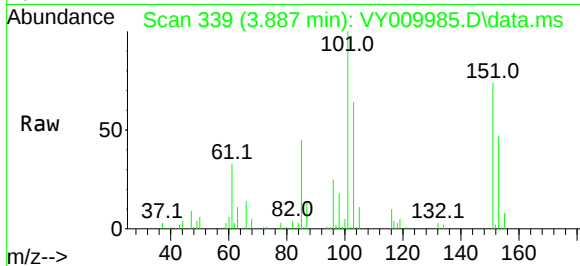




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.387 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

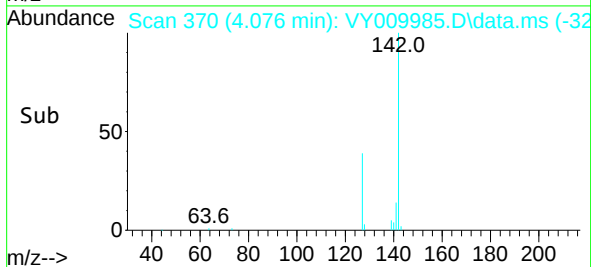
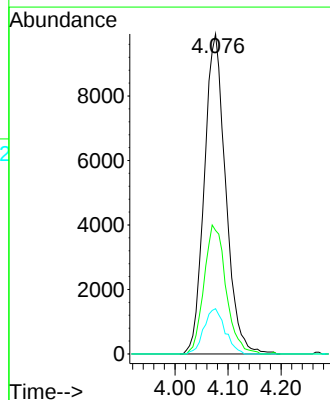
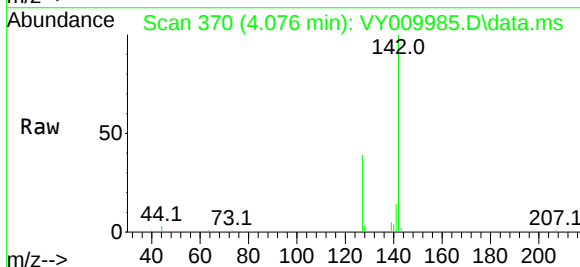
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

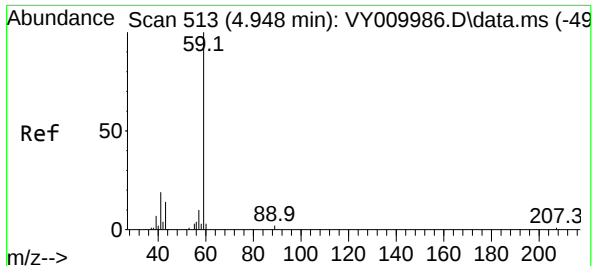
Tgt Ion:101 Resp: 23046
Ion Ratio Lower Upper
101 100
85 43.1 36.2 54.2
151 78.7 63.6 95.4



#10
Methyl Iodide
Concen: 19.772 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion:142 Resp: 27736
Ion Ratio Lower Upper
142 100
127 41.6 35.2 52.8
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 100.870 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

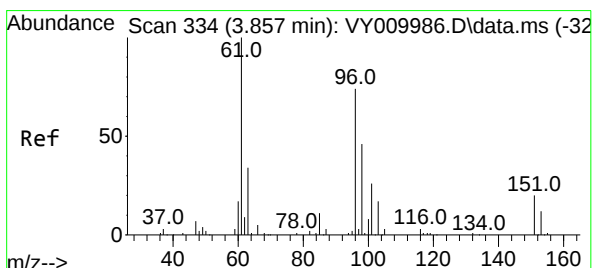
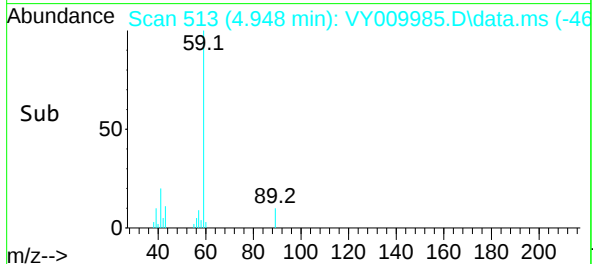
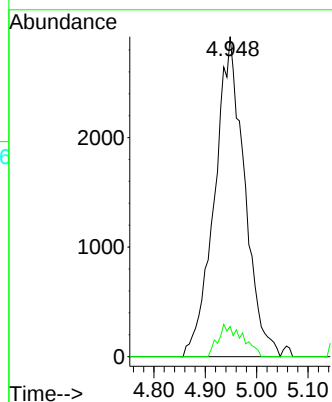
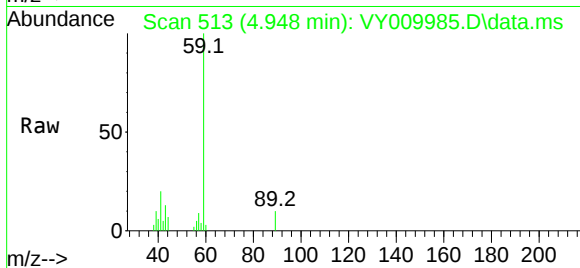
VSTDIC020

Tgt Ion: 59 Resp: 11834

Ion Ratio Lower Upper

59 100

57 8.2 6.3 9.5



#12

1,1-Dichloroethene

Concen: 19.716 ug/l

RT: 3.857 min Scan# 334

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

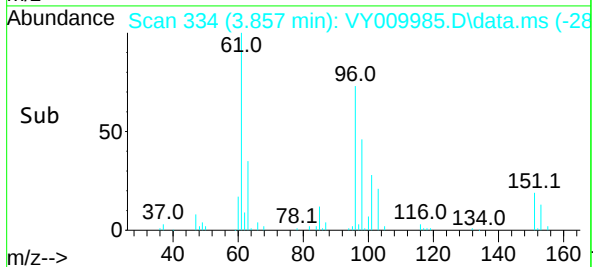
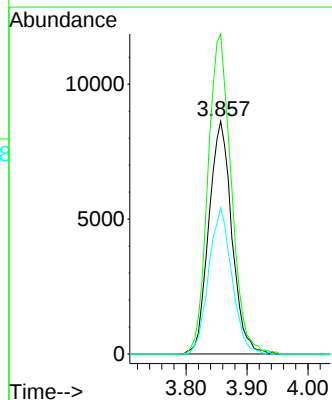
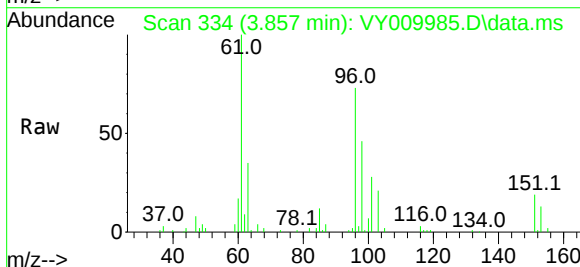
Tgt Ion: 96 Resp: 22616

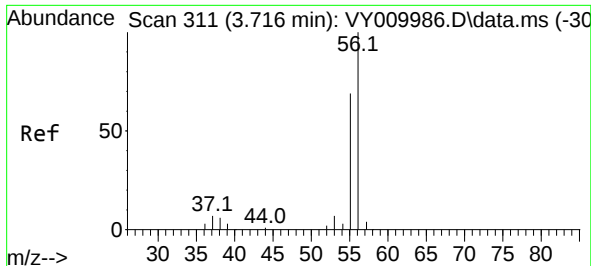
Ion Ratio Lower Upper

96 100

61 137.5 121.9 182.9

98 62.8 48.2 72.4





#13

Acrolein

Concen: 96.719 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

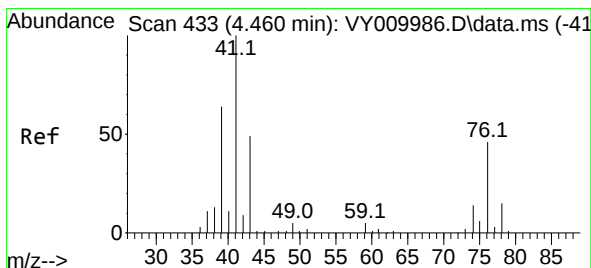
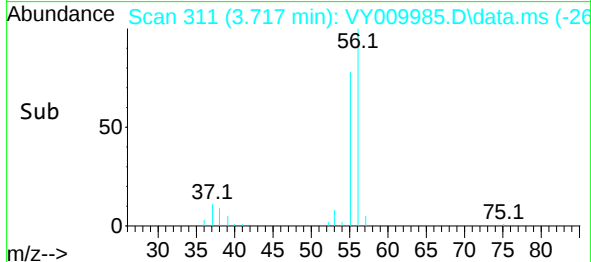
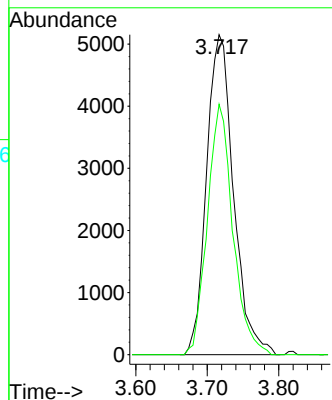
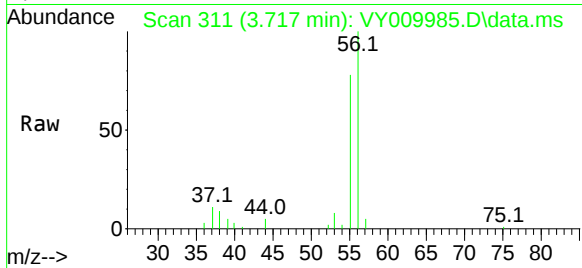
VSTDICC020

Tgt Ion: 56 Resp: 13500

Ion Ratio Lower Upper

56 100

55 73.8 54.8 82.2



#14

Allyl chloride

Concen: 18.401 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

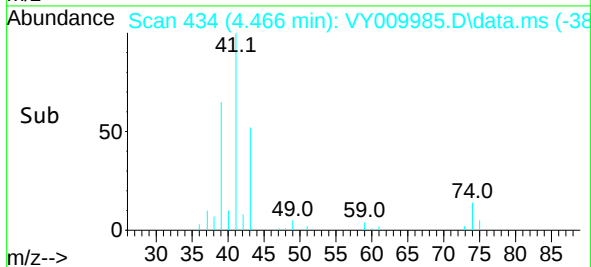
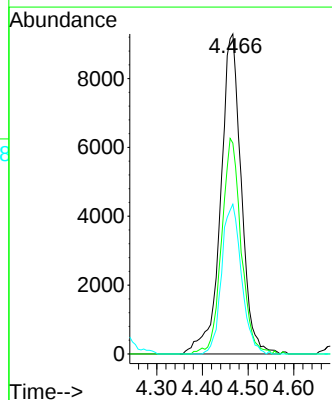
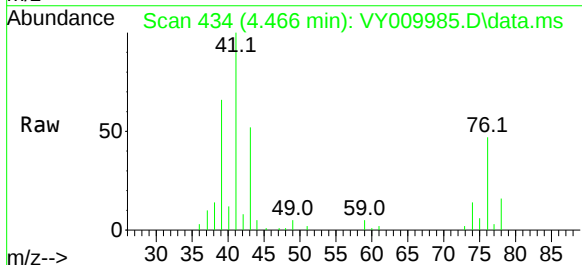
Tgt Ion: 41 Resp: 29170

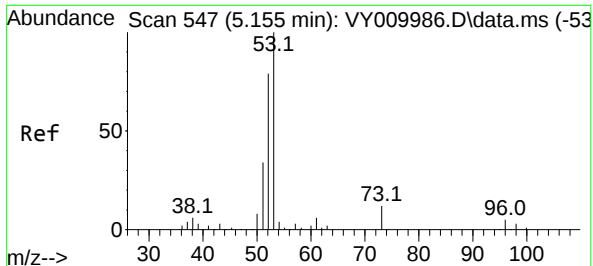
Ion Ratio Lower Upper

41 100

39 63.7 53.5 80.3

76 45.0 29.4 44.0#

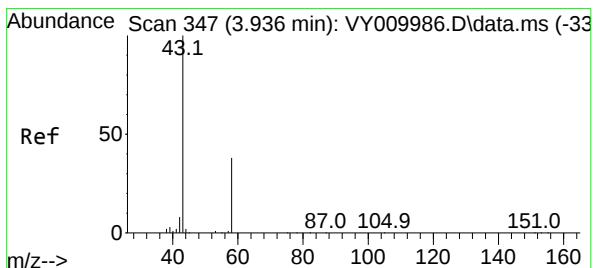
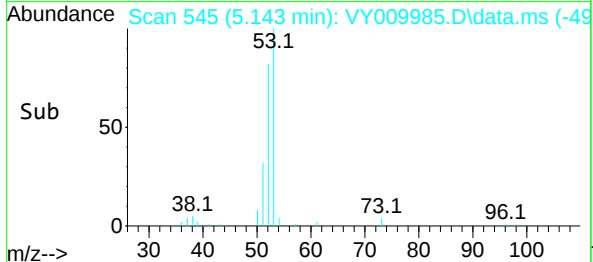
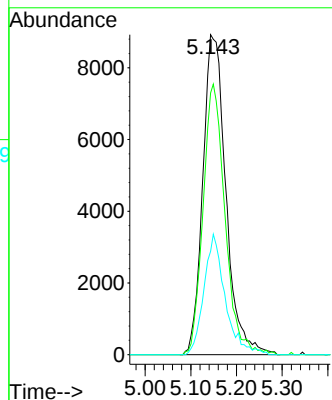
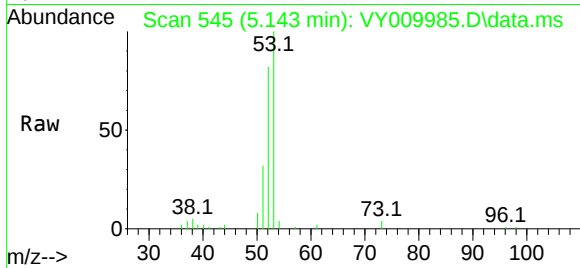




#15
Acrylonitrile
Concen: 93.517 ug/l
RT: 5.143 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

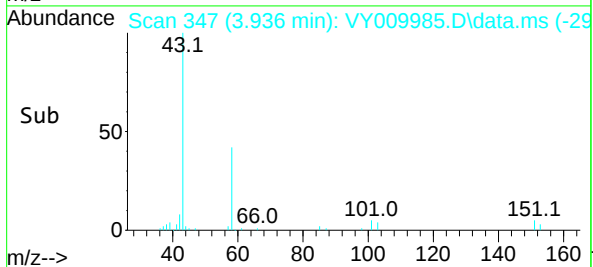
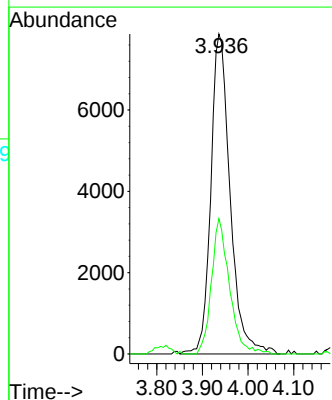
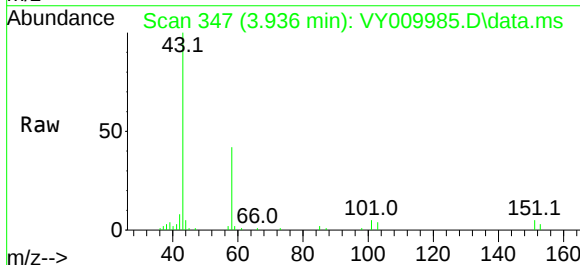
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

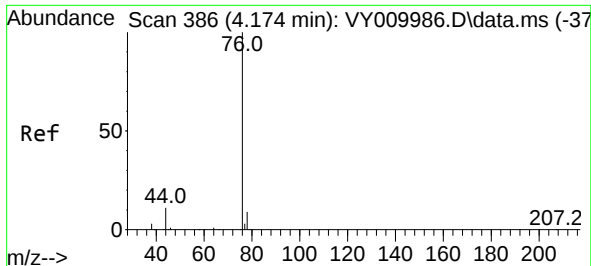
Tgt Ion: 53	Resp: 31294
Ion Ratio	Lower Upper
53 100	
52 80.6	65.4 98.2
51 34.7	28.4 42.6



#16
Acetone
Concen: 87.786 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 43	Resp: 23097		
Ion Ratio	Lower	Upper	
43 100			
58 42.3	24.0	36.0#	

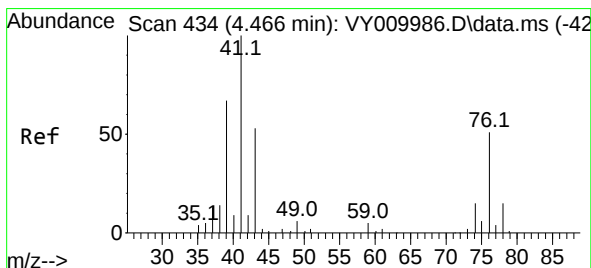
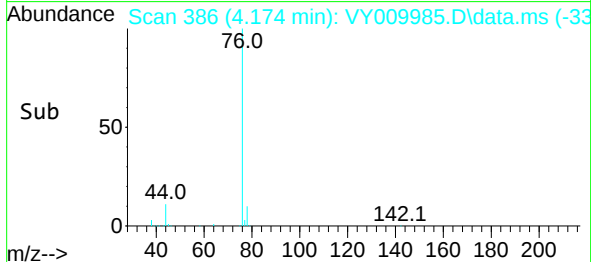
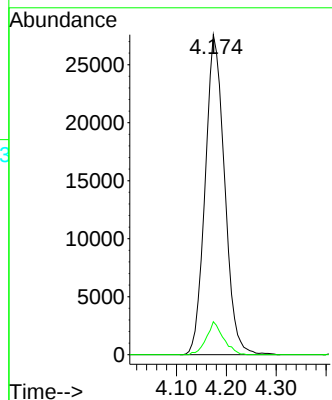
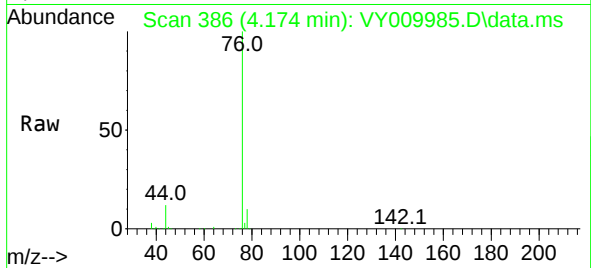




#17
Carbon Disulfide
Concen: 19.839 ug/l
RT: 4.174 min Scan# 386
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

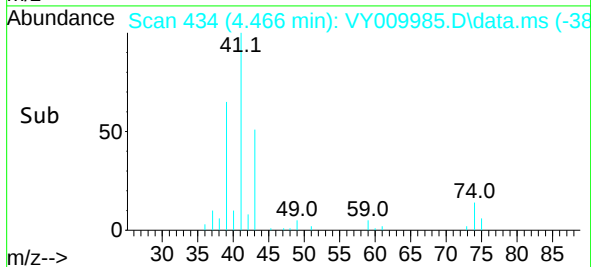
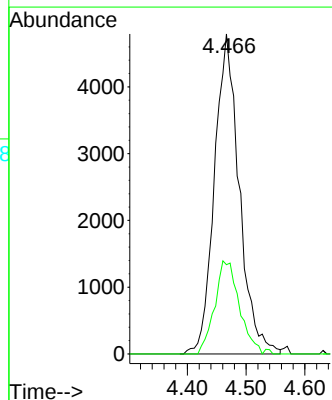
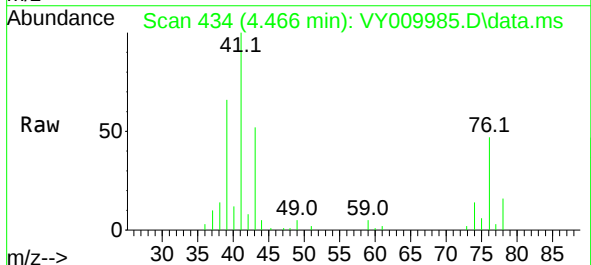
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

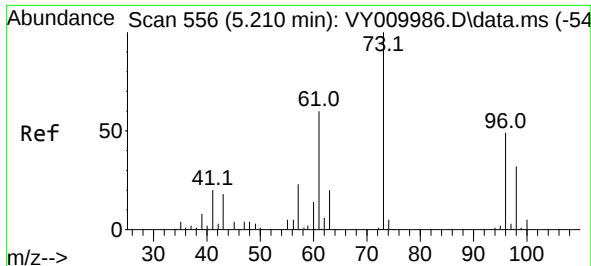
Tgt Ion: 76 Resp: 74648
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#



#18
Methyl Acetate
Concen: 16.764 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 43 Resp: 14036
Ion Ratio Lower Upper
43 100
74 29.2 18.8 28.2#





#19

Methyl tert-butyl Ether

Concen: 19.442 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

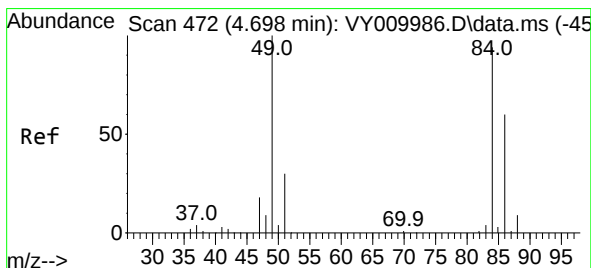
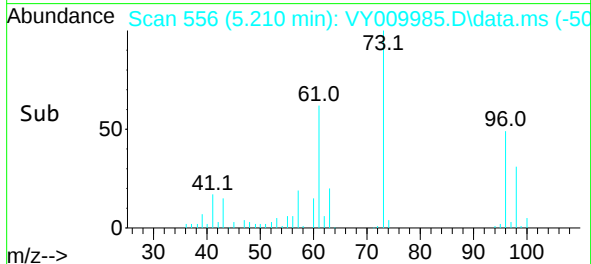
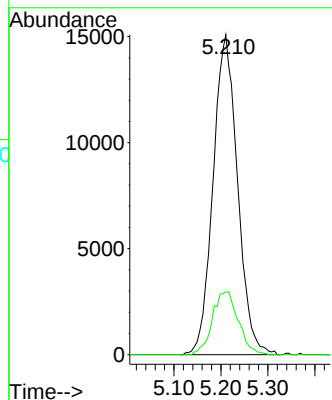
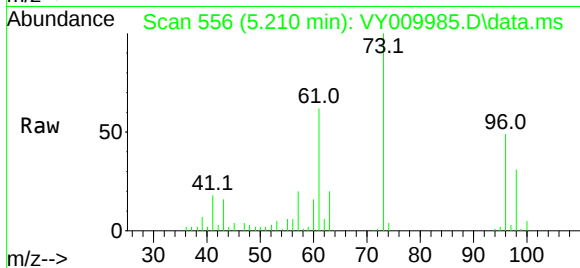
VSTDIC020

Tgt Ion: 73 Resp: 54603

Ion Ratio Lower Upper

73 100

57 19.6 18.5 27.7



#20

Methylene Chloride

Concen: 19.573 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Tgt Ion: 84 Resp: 33044

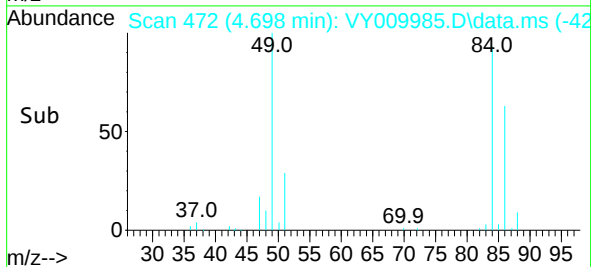
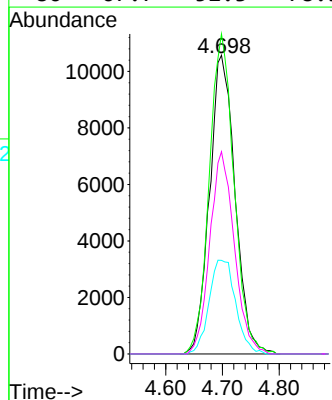
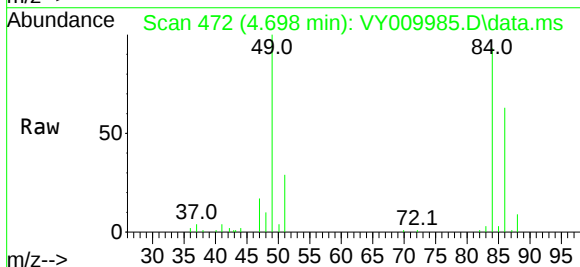
Ion Ratio Lower Upper

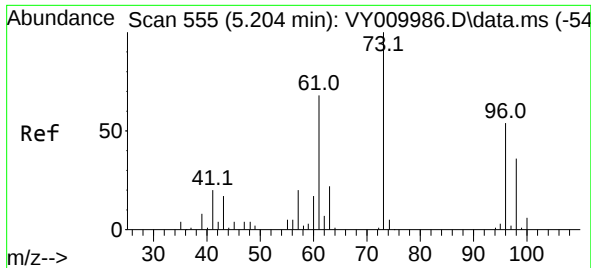
84 100

49 107.1 98.2 147.4

51 31.3 33.4 50.0#

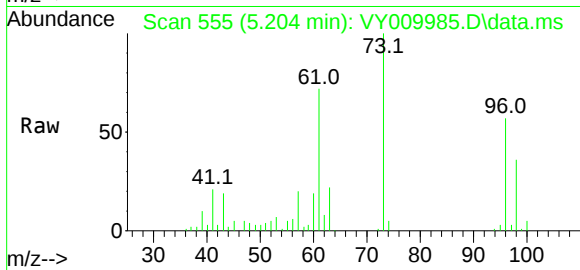
86 67.7 52.3 78.5



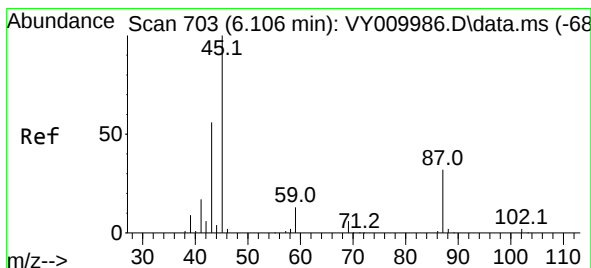
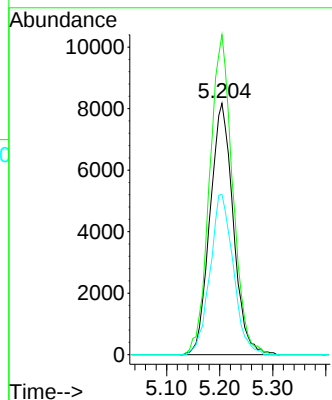
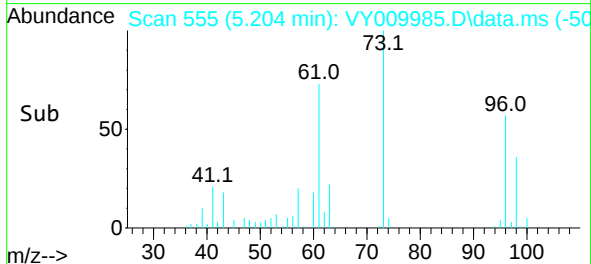


#21
trans-1,2-Dichloroethene
Concen: 19.511 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

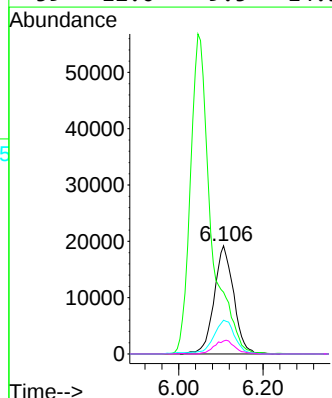
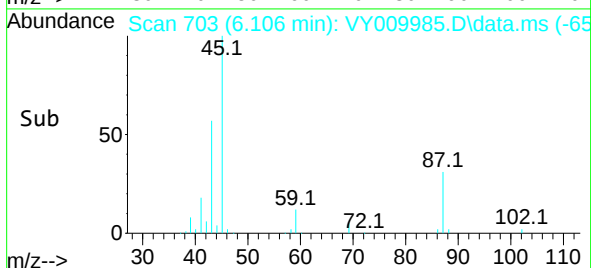
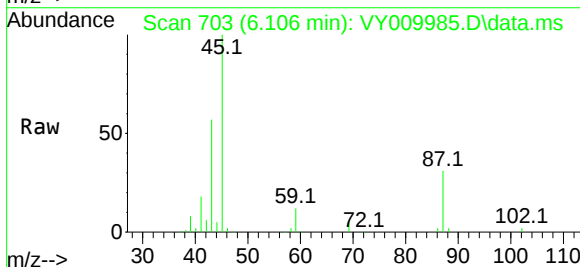


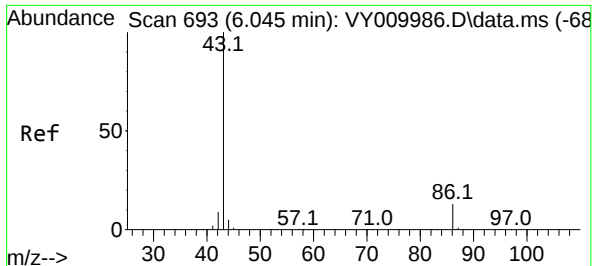
Tgt Ion: 96 Resp: 24857
Ion Ratio Lower Upper
96 100
61 127.3 105.8 158.6
98 63.7 49.7 74.5



#22
Diisopropyl ether
Concen: 19.069 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 45 Resp: 61765
Ion Ratio Lower Upper
45 100
43 56.4 43.7 65.5
87 31.2 22.2 33.4
59 12.0 9.5 14.3

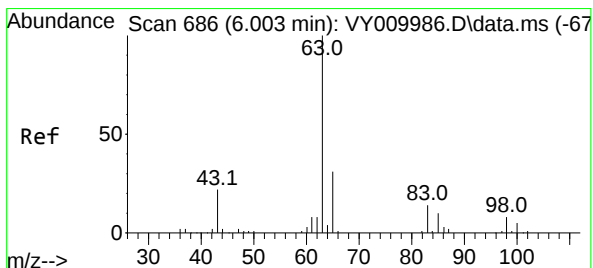
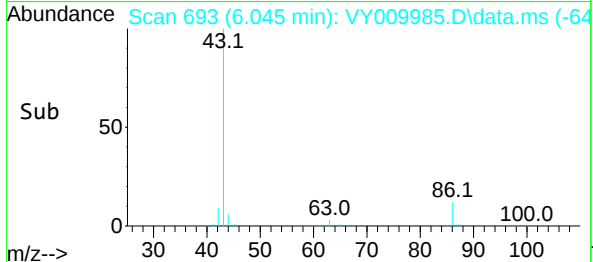
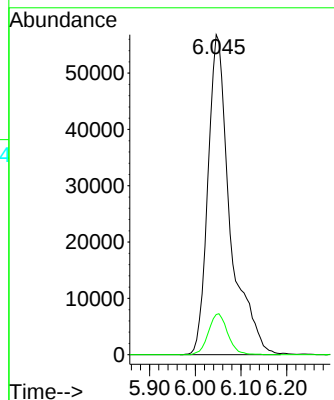
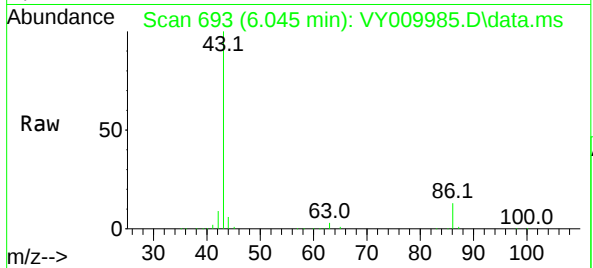




#23
 Vinyl Acetate
 Concen: 95.349 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009985.D
 Acq: 12 Aug 2022 14:34

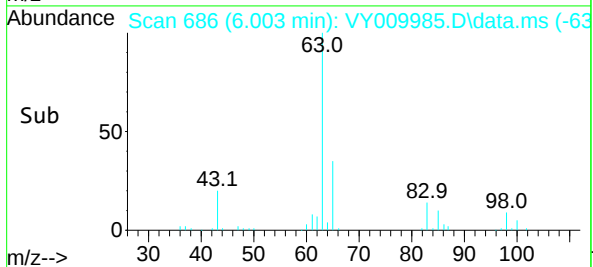
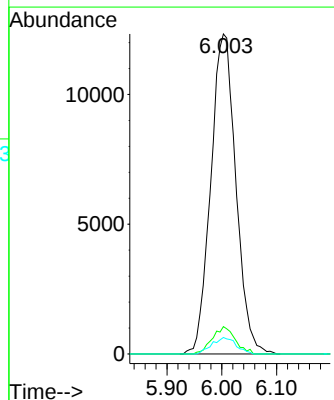
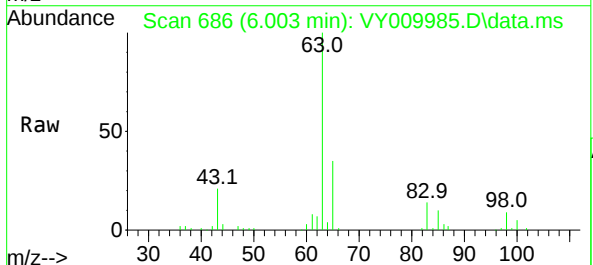
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

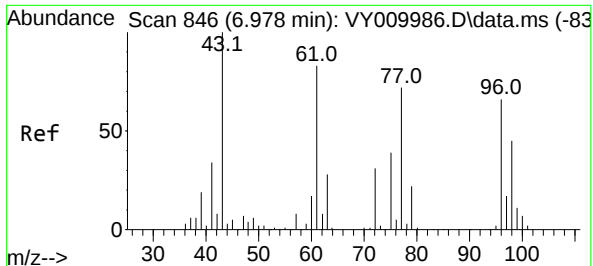
Tgt Ion: 43 Resp: 191639
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 19.138 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009985.D
 Acq: 12 Aug 2022 14:34

Tgt Ion: 63 Resp: 39243
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 5.1 2.8 8.3





#25

2-Butanone

Concen: 90.573 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

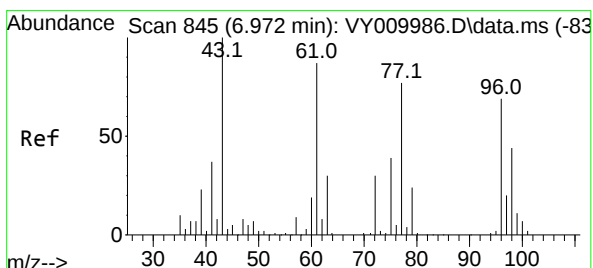
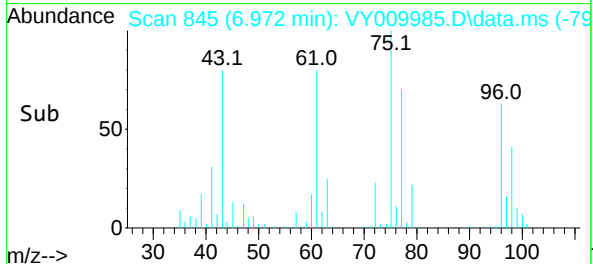
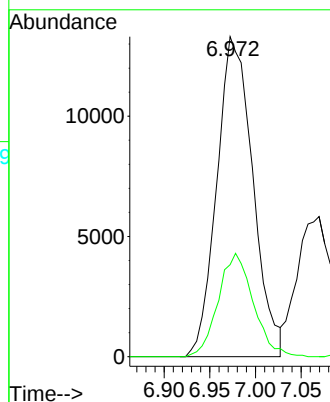
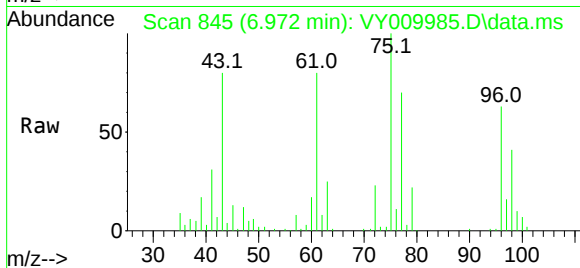
VSTDICC020

Tgt Ion: 43 Resp: 36495

Ion Ratio Lower Upper

43 100

72 28.7 21.5 32.3



#26

2,2-Dichloropropane

Concen: 19.375 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009985.D

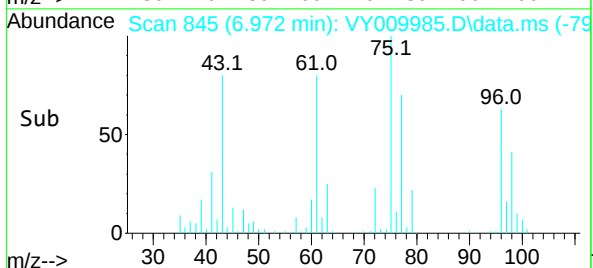
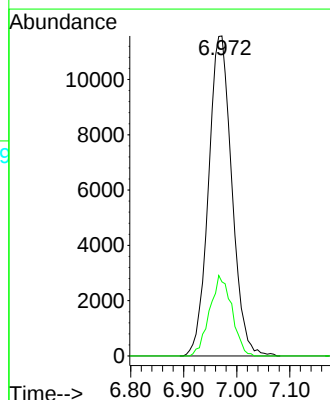
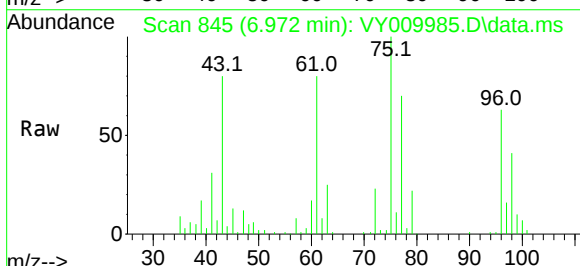
Acq: 12 Aug 2022 14:34

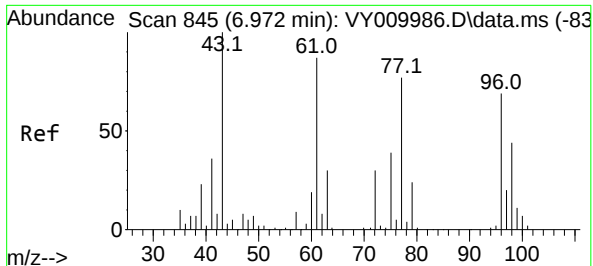
Tgt Ion: 77 Resp: 35393

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.786 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

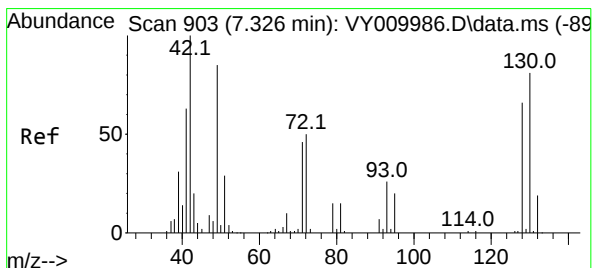
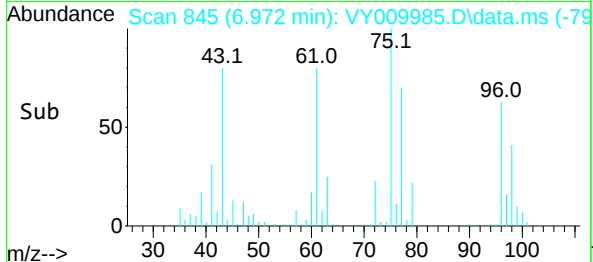
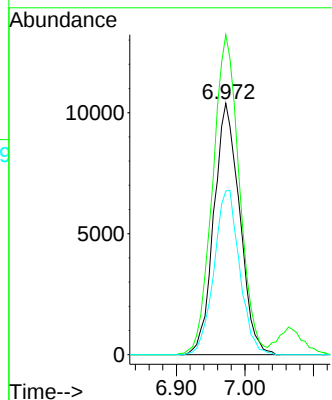
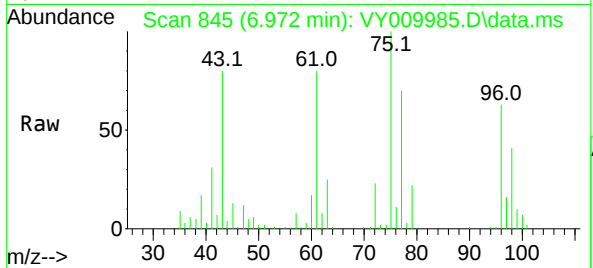
Tgt Ion: 96 Resp: 27143

Ion Ratio Lower Upper

96 100

61 131.6 0.0 285.6

98 64.9 0.0 131.0



#28

Bromochloromethane

Concen: 18.162 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

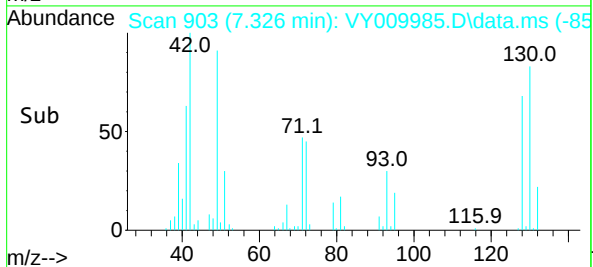
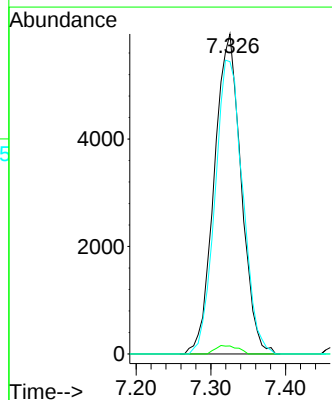
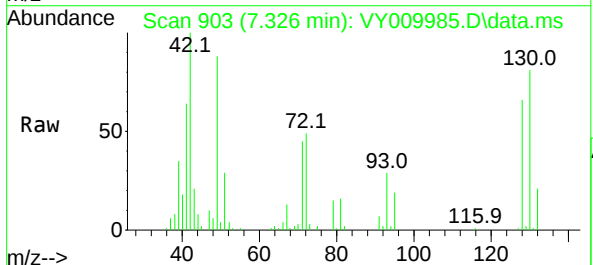
Tgt Ion: 49 Resp: 14911

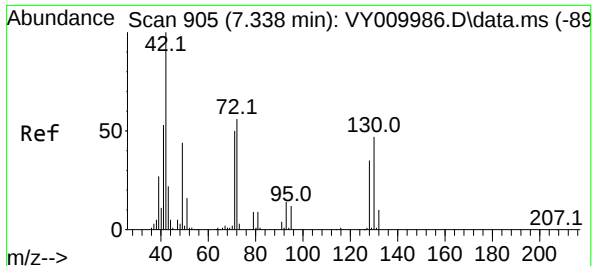
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 94.5 64.1 96.1

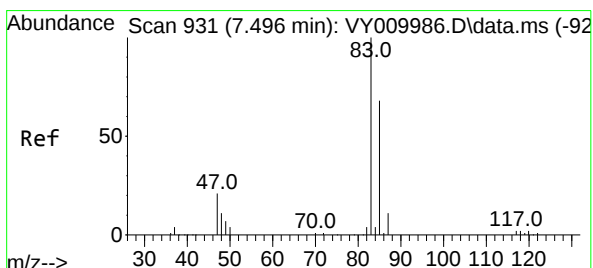
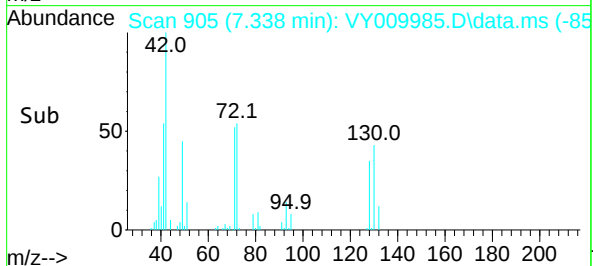
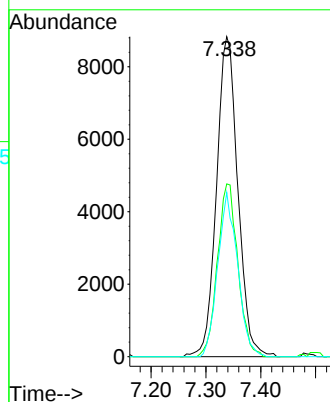
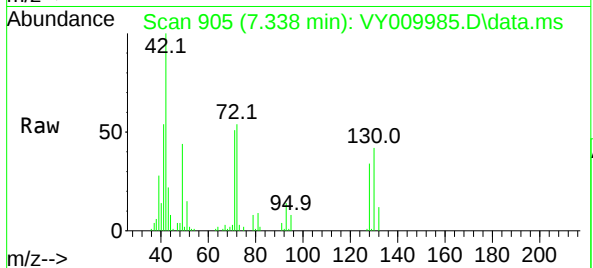




#29
Tetrahydrofuran
Concen: 92.438 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

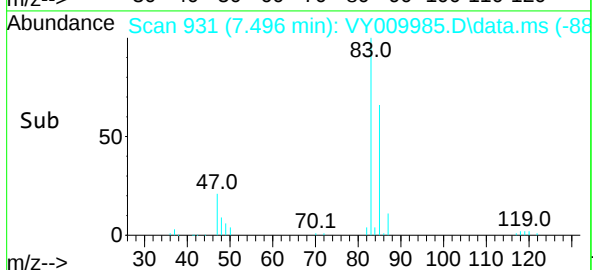
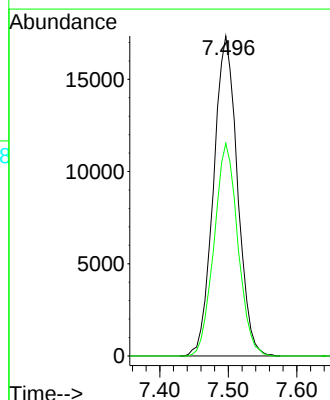
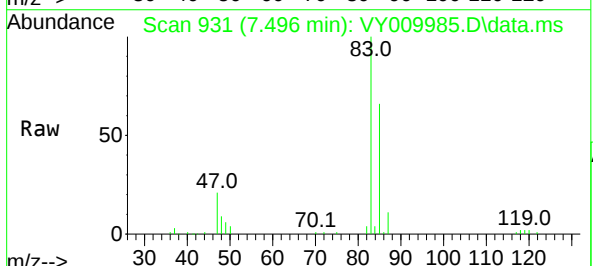
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

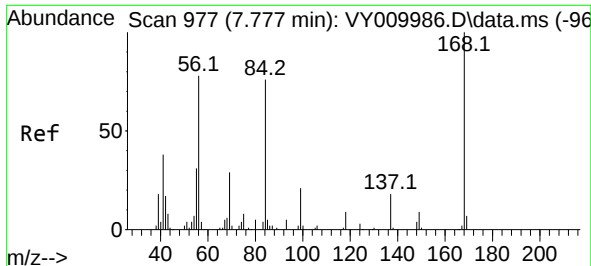
Tgt Ion: 42 Resp: 23862
Ion Ratio Lower Upper
42 100
72 51.9 34.6 52.0
71 47.7 32.7 49.1



#30
Chloroform
Concen: 19.493 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 83 Resp: 41997
Ion Ratio Lower Upper
83 100
85 66.4 50.5 75.7

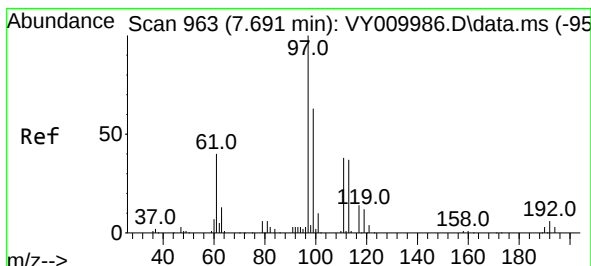
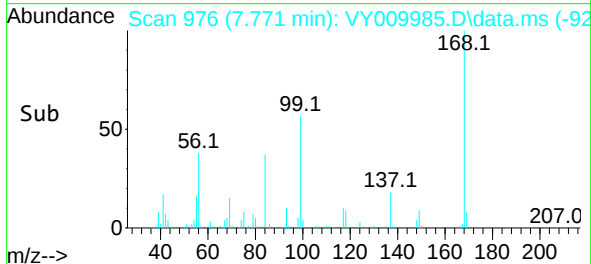
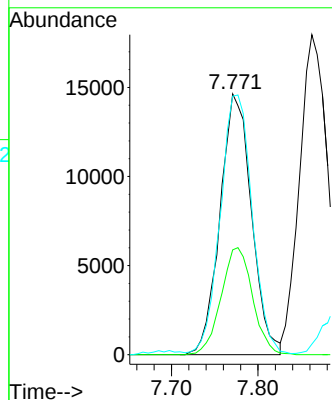
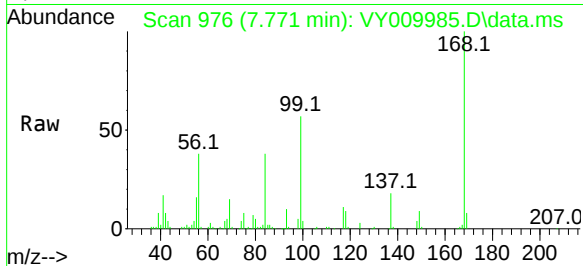




#31
Cyclohexane
Concen: 19.080 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

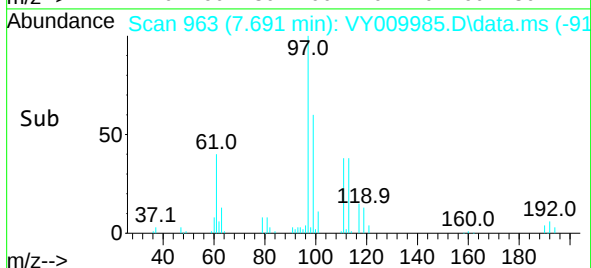
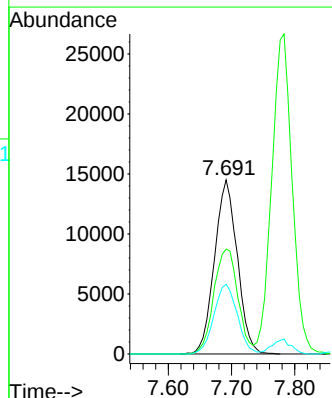
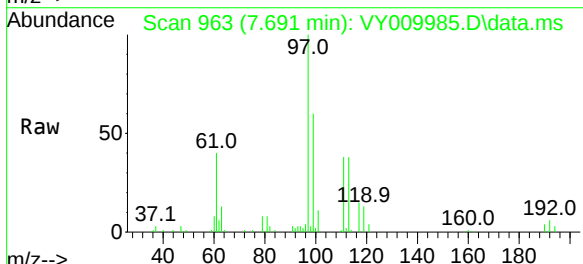
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

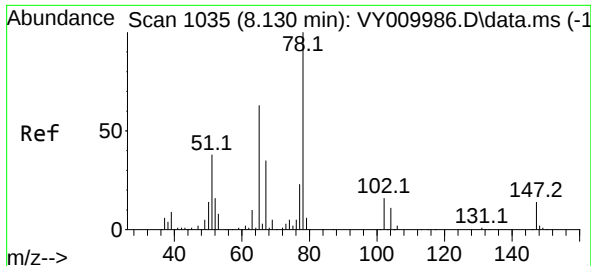
Tgt Ion: 56 Resp: 36966
Ion Ratio Lower Upper
56 100
69 40.2 26.0 39.0#
84 98.0 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 19.811 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 97 Resp: 36286
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.8
61 41.0 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 19.788 ug/l

RT: 8.130 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

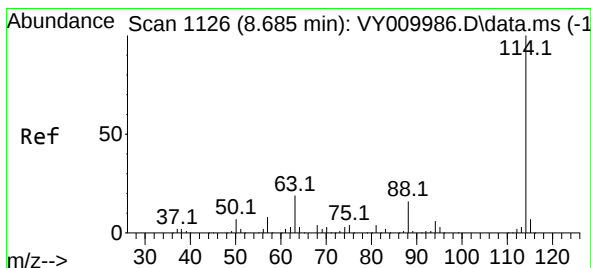
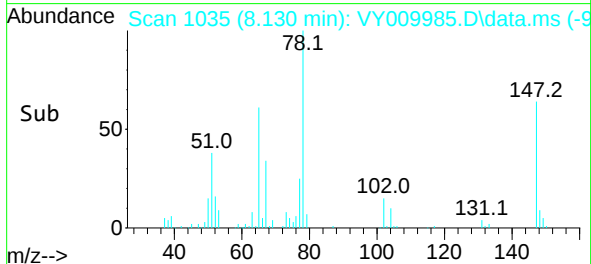
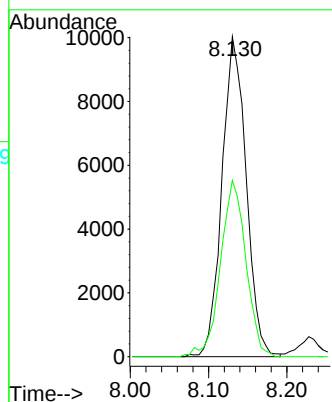
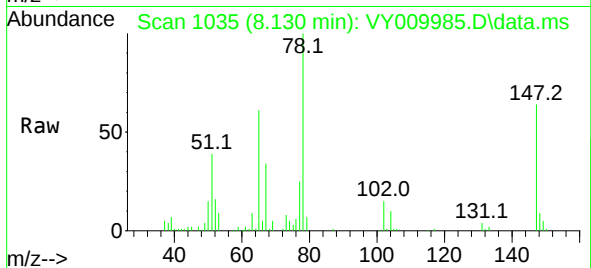
VSTDIC020

Tgt Ion: 65 Resp: 21530

Ion Ratio Lower Upper

65 100

67 57.8 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: VY009985.D

Acq: 12 Aug 2022 14:34

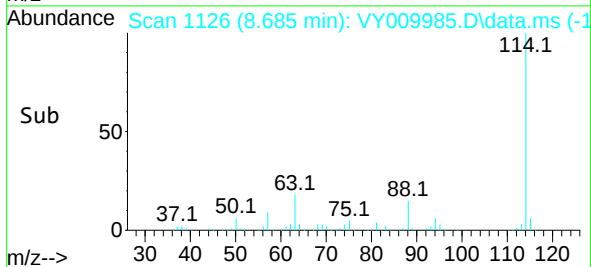
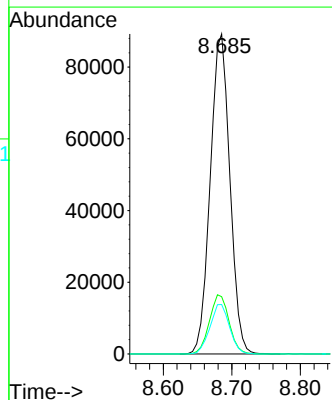
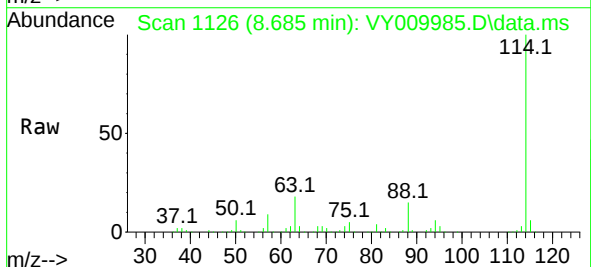
Tgt Ion: 114 Resp: 176997

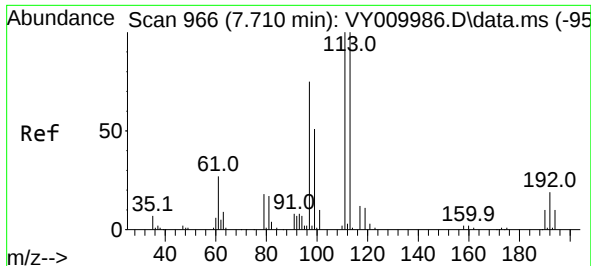
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.0

88 15.4 0.0 30.0

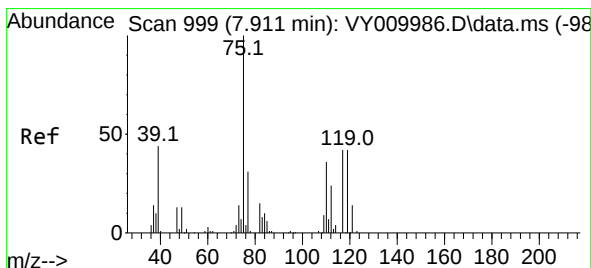
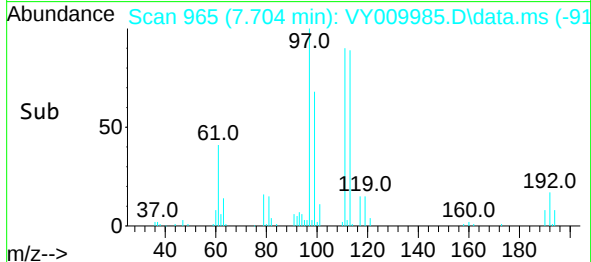
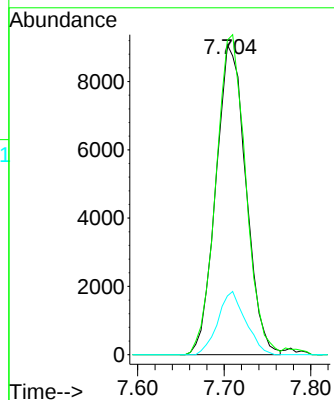
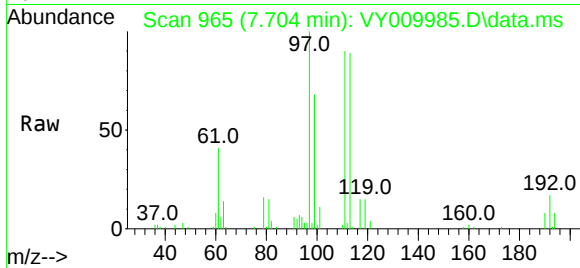




#35
 Dibromofluoromethane
 Concen: 20.169 ug/l
 RT: 7.704 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VY009985.D
 Acq: 12 Aug 2022 14:34

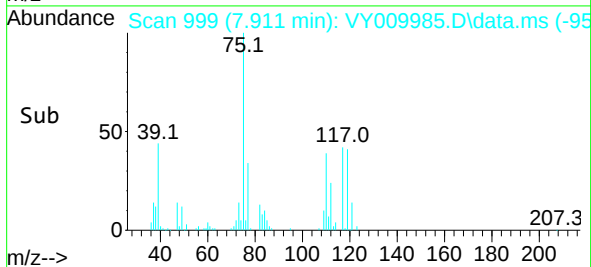
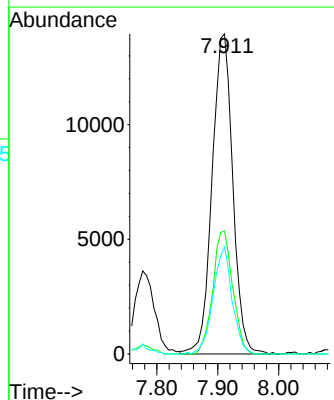
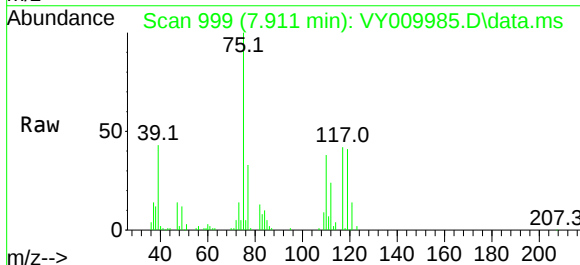
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

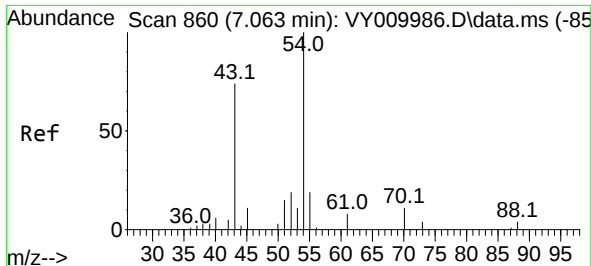
Tgt Ion:113 Resp: 21902
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.6 120.8
 192 18.8 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 20.234 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VY009985.D
 Acq: 12 Aug 2022 14:34

Tgt Ion: 75 Resp: 32901
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.6 56.0
 77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 19.048 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

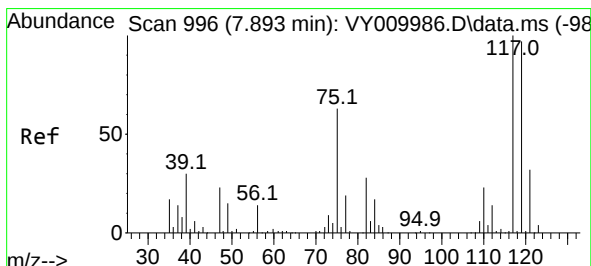
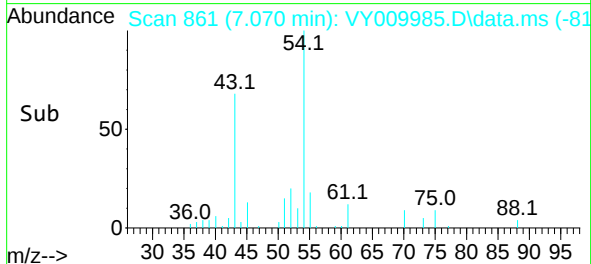
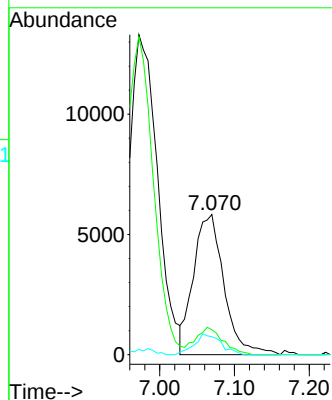
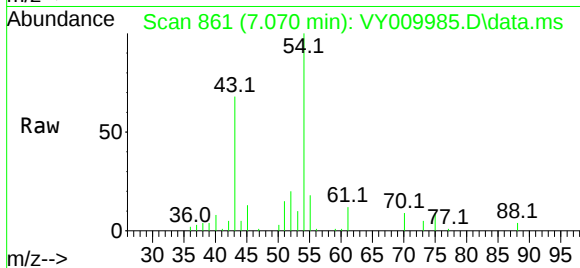
Tgt Ion: 43 Resp: 16521

Ion Ratio Lower Upper

43 100

61 17.3 11.2 16.8#

70 12.8 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 20.687 ug/l

RT: 7.887 min Scan# 995

Delta R.T. -0.006 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

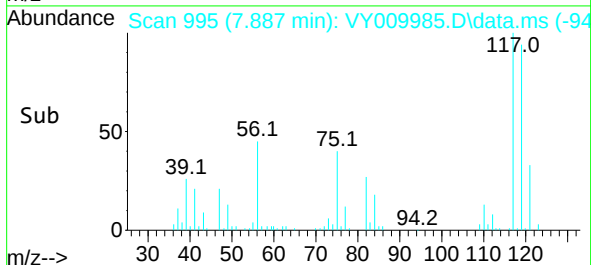
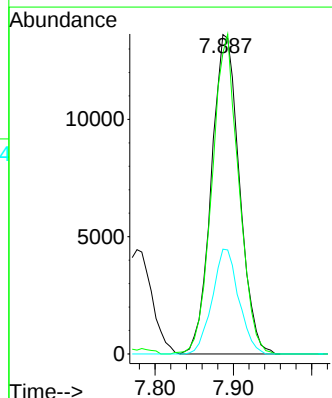
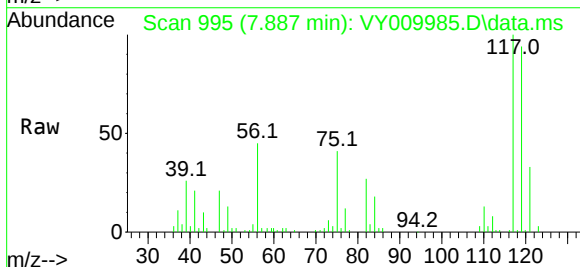
Tgt Ion: 117 Resp: 33795

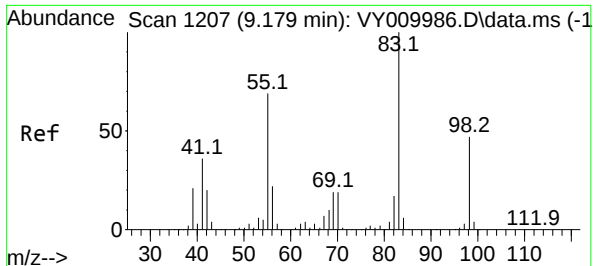
Ion Ratio Lower Upper

117 100

119 94.2 75.9 113.9

121 32.8 24.9 37.3





#39

Methylcyclohexane

Concen: 19.687 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

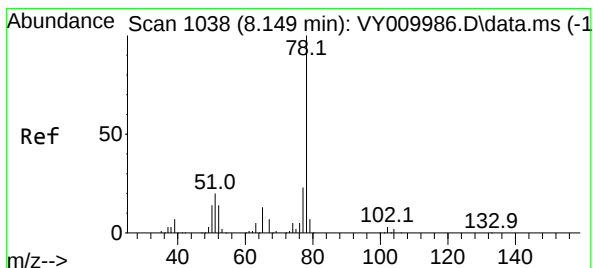
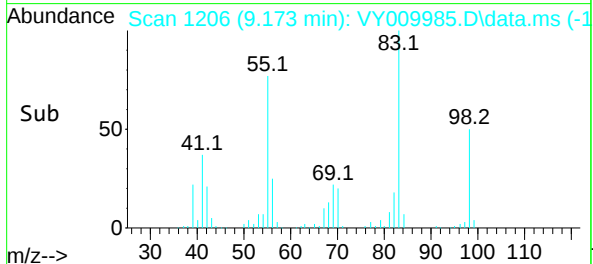
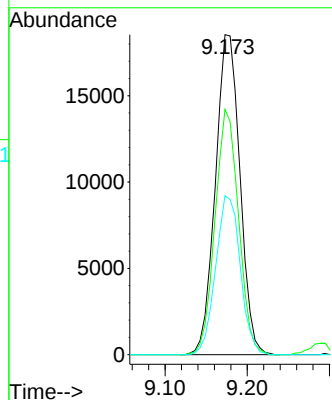
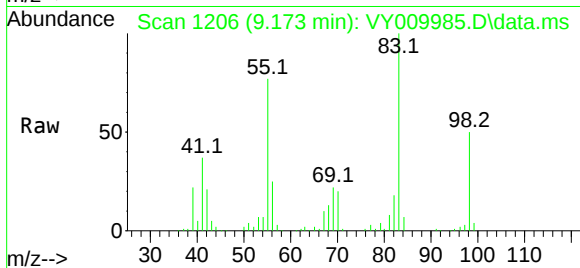
Tgt Ion: 83 Resp: 38536

Ion Ratio Lower Upper

83 100

55 76.7 56.7 85.1

98 49.7 39.9 59.9



#40

Benzene

Concen: 19.956 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY009985.D

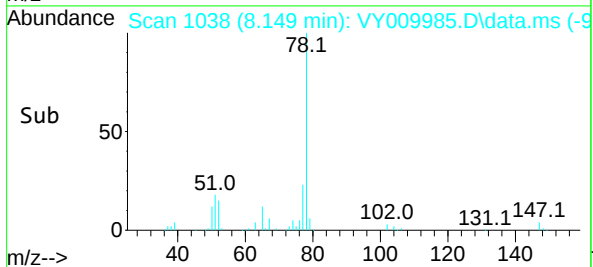
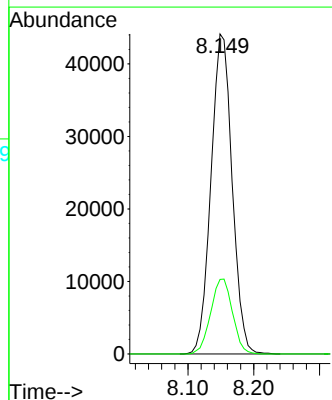
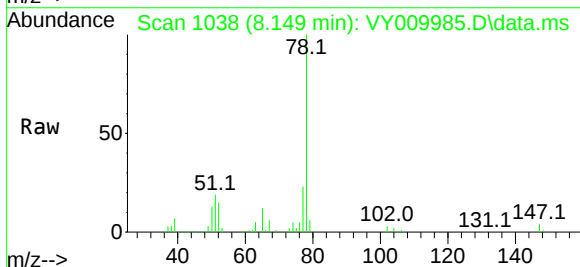
Acq: 12 Aug 2022 14:34

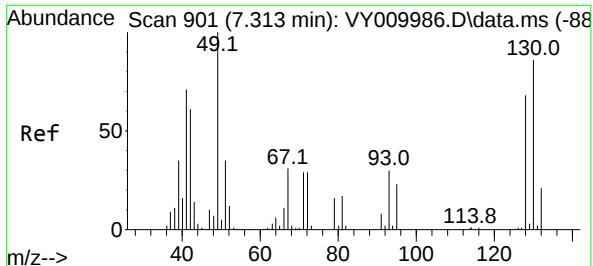
Tgt Ion: 78 Resp: 98626

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

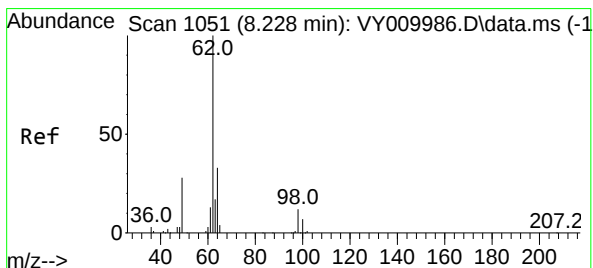
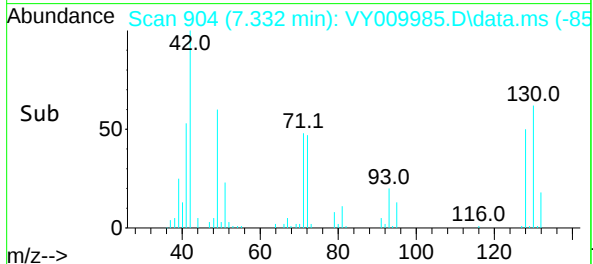
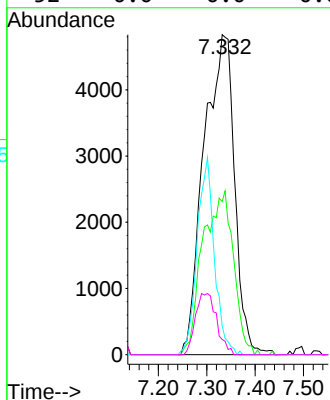
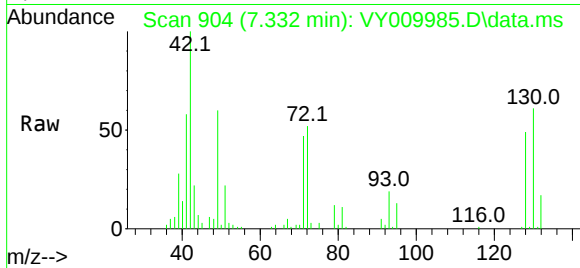




#41
Methacrylonitrile
Concen: 20.667 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

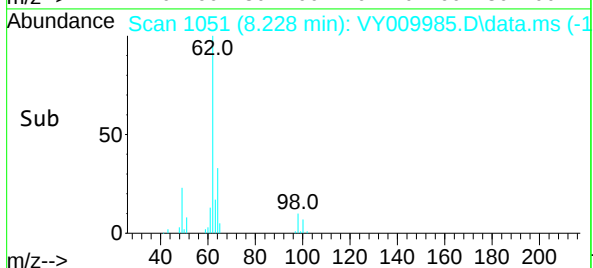
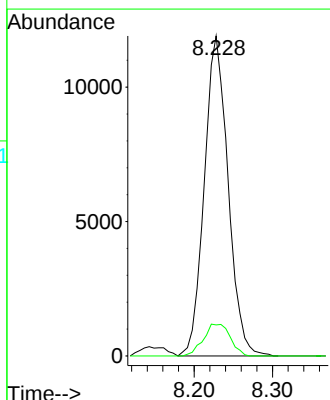
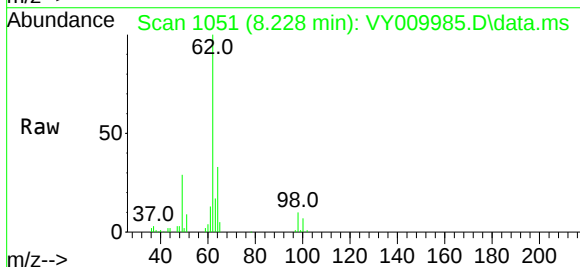
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

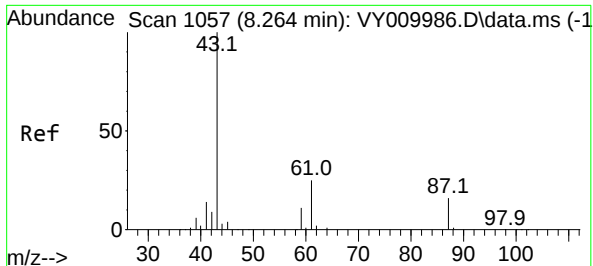
Tgt Ion: 41 Resp: 21256
Ion Ratio Lower Upper
41 100
39 51.1 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.653 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 62 Resp: 25091
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.6





#43

Isopropyl Acetate

Concen: 18.642 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

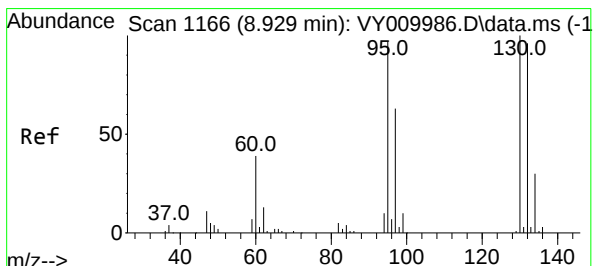
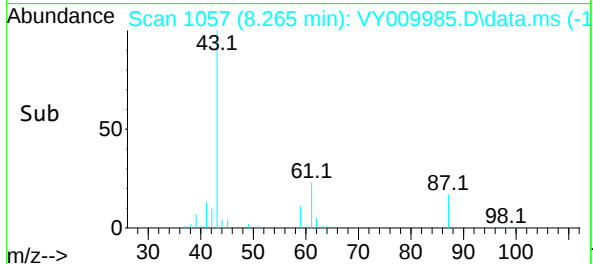
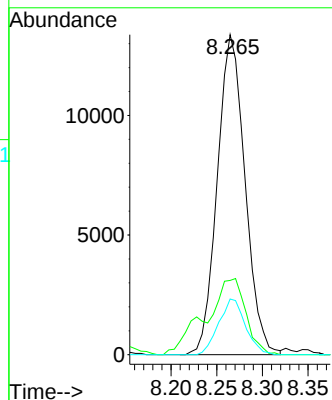
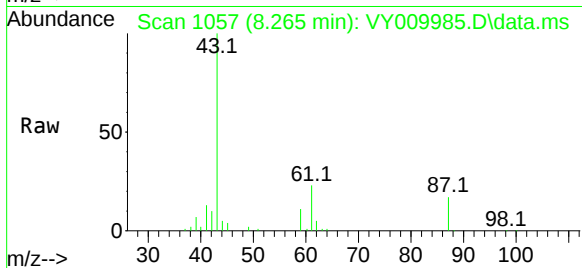
Tgt Ion: 43 Resp: 28247

Ion Ratio Lower Upper

43 100

61 24.7 23.6 35.4

87 16.8 11.3 16.9



#44

Trichloroethene

Concen: 19.703 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VY009985.D

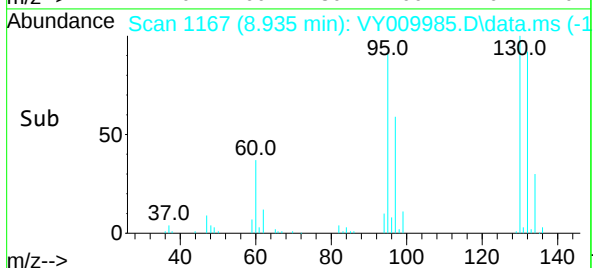
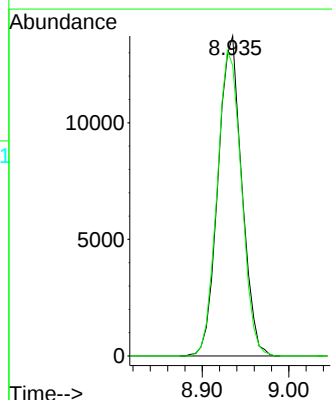
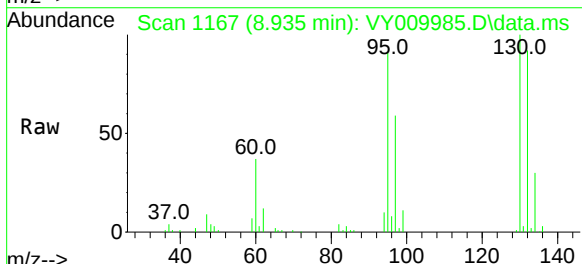
Acq: 12 Aug 2022 14:34

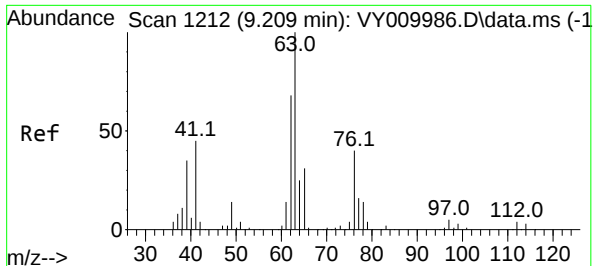
Tgt Ion:130 Resp: 26162

Ion Ratio Lower Upper

130 100

95 90.8 0.0 194.6





#45

1,2-Dichloropropane

Concen: 19.753 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

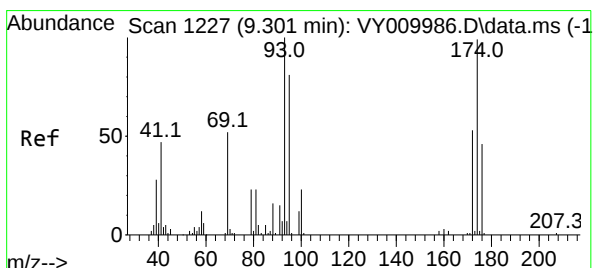
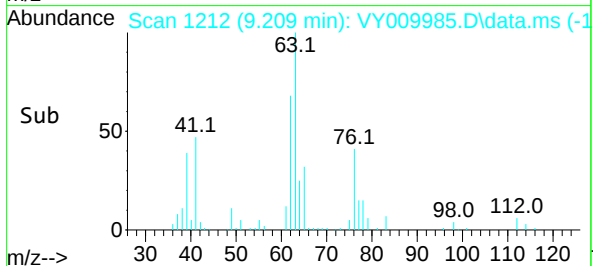
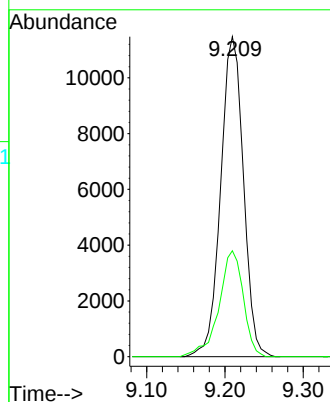
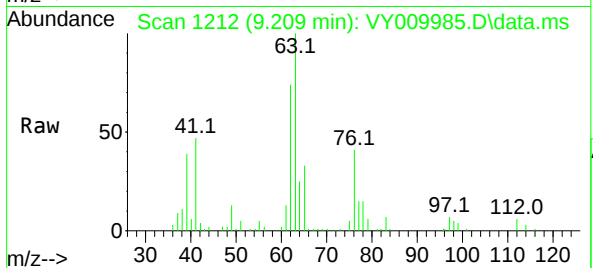
VSTDIC020

Tgt Ion: 63 Resp: 23176

Ion Ratio Lower Upper

63 100

65 33.1 23.7 35.5



#46

Dibromomethane

Concen: 20.286 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

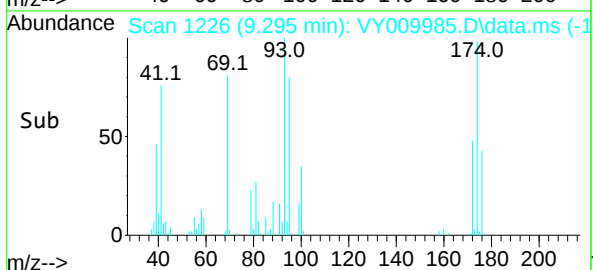
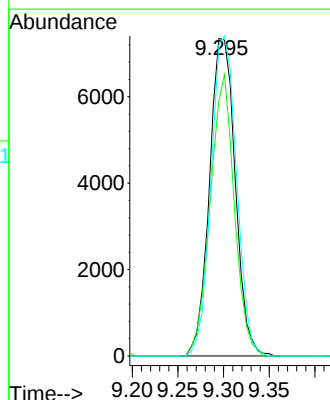
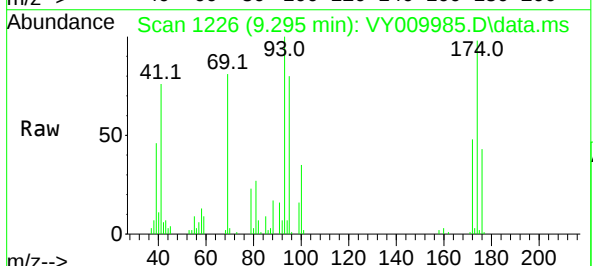
Tgt Ion: 93 Resp: 14396

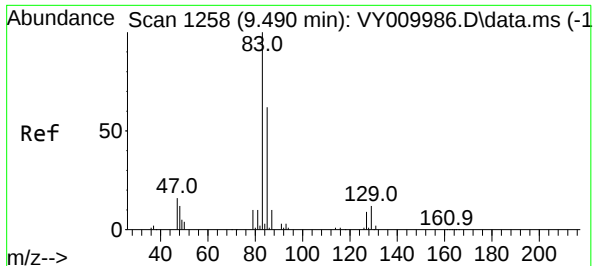
Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

174 99.5 80.6 120.8

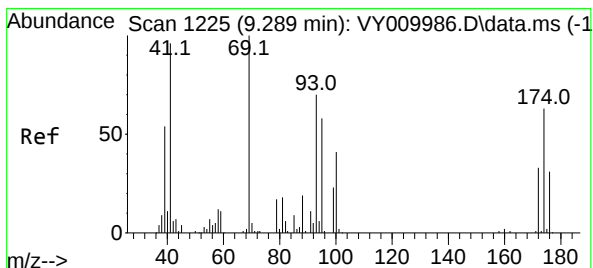
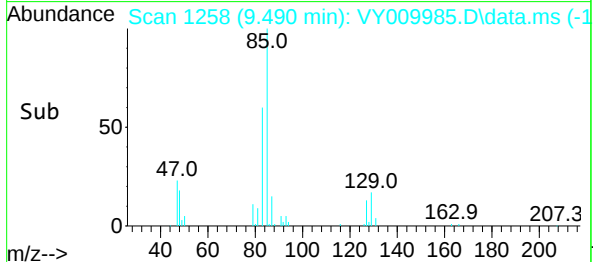
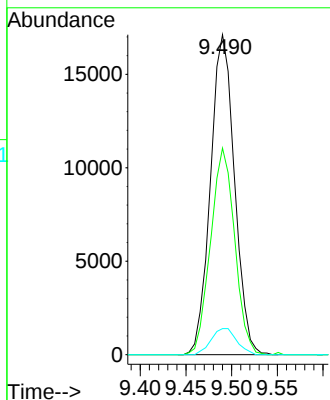
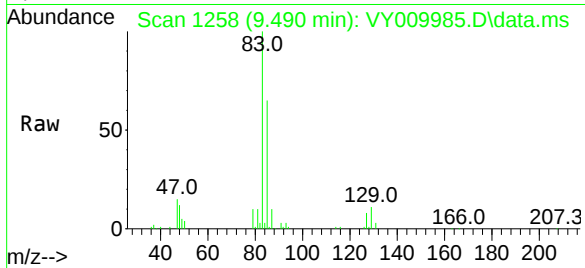




#47
Bromodichloromethane
Concen: 19.826 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

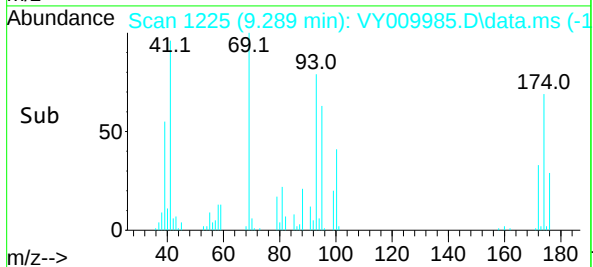
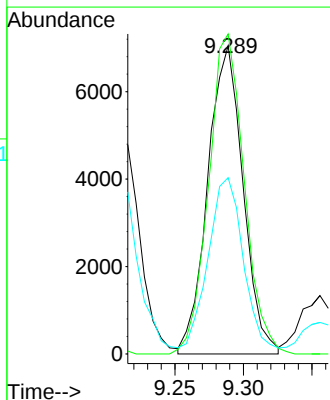
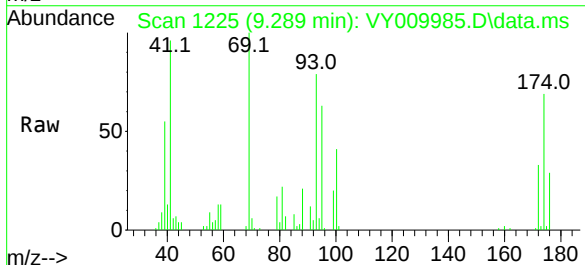
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

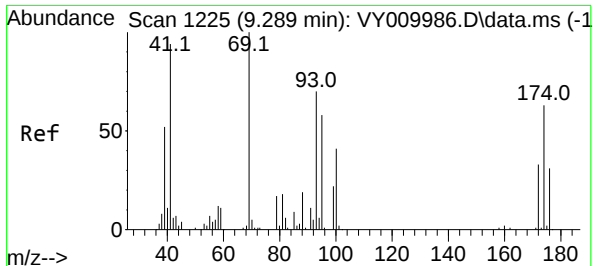
Tgt Ion: 83 Resp: 31303
Ion Ratio Lower Upper
83 100
85 64.5 51.2 76.8
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 19.059 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 41 Resp: 12629
Ion Ratio Lower Upper
41 100
69 104.5 73.2 109.8
39 54.5 47.5 71.3





#49

1,4-Dioxane

Concen: 393.639 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

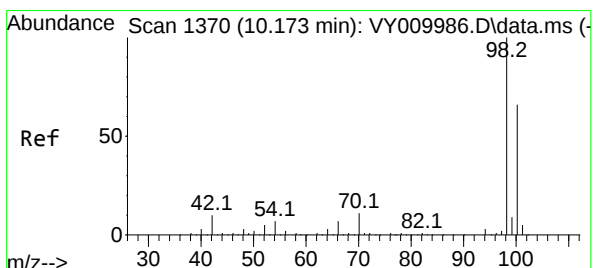
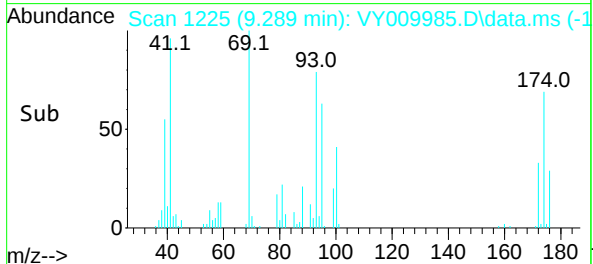
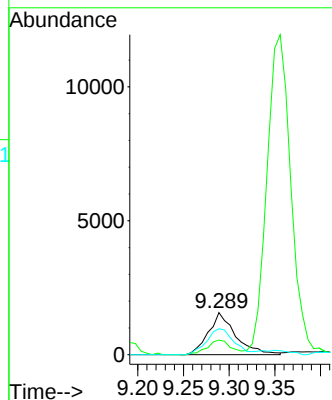
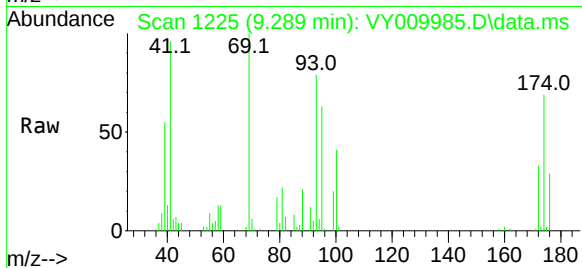
Tgt Ion: 88 Resp: 3258

Ion Ratio Lower Upper

88 100

43 30.4 26.3 39.5

58 61.4 52.6 79.0



#50

Toluene-d8

Concen: 20.285 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009985.D

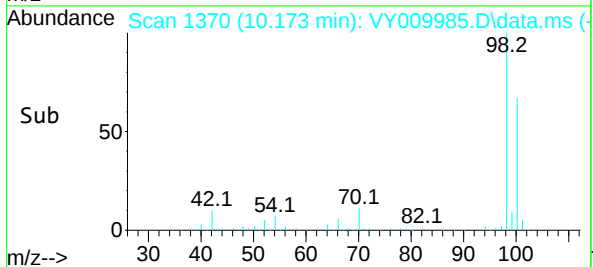
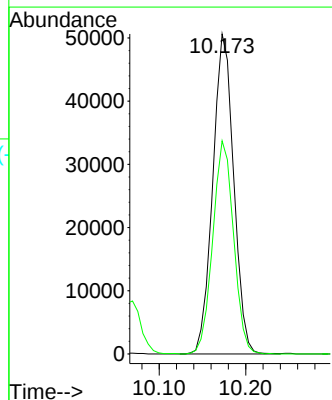
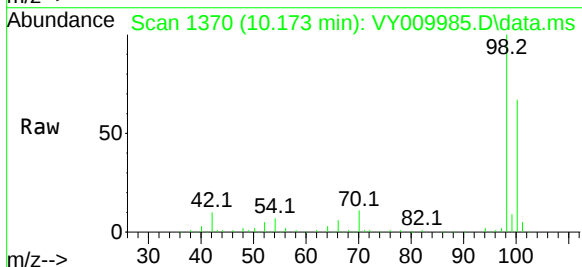
Acq: 12 Aug 2022 14:34

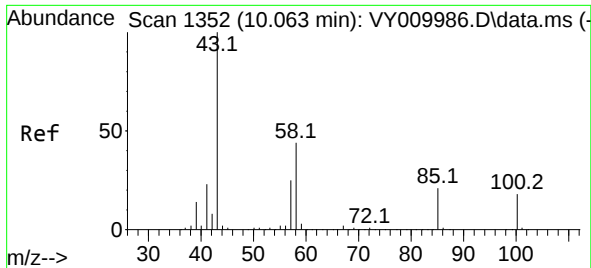
Tgt Ion: 98 Resp: 84907

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3

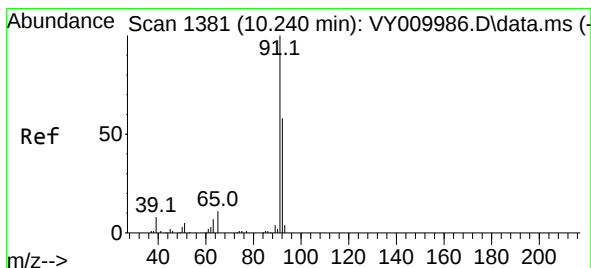
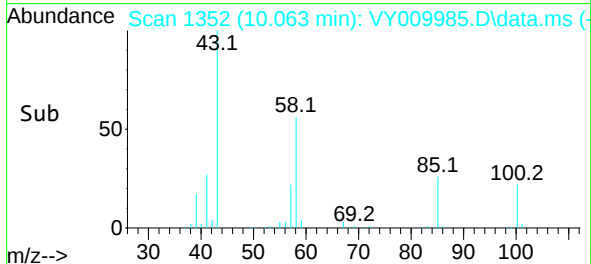
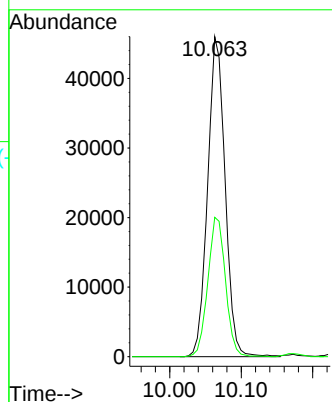
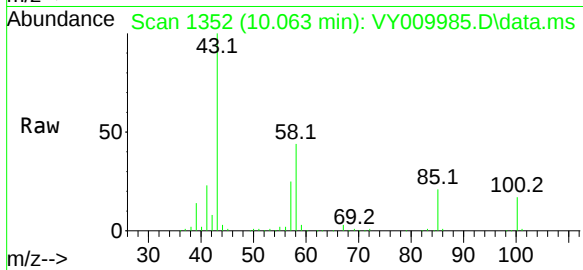




#51
4-Methyl-2-Pentanone
Concen: 94.577 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

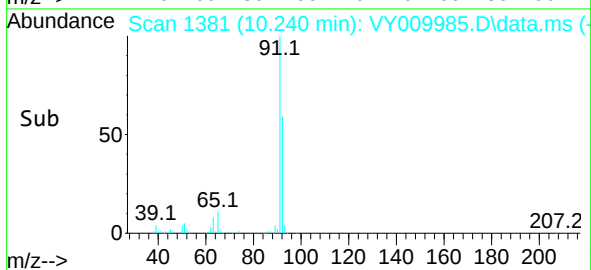
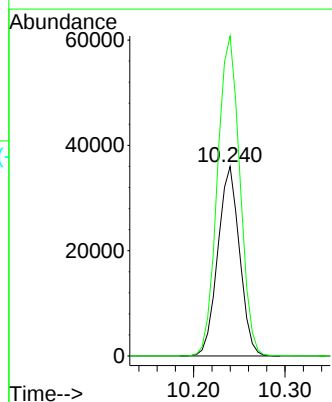
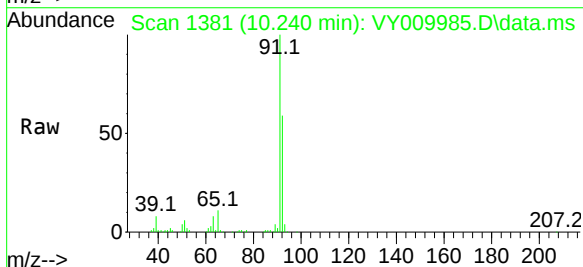
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

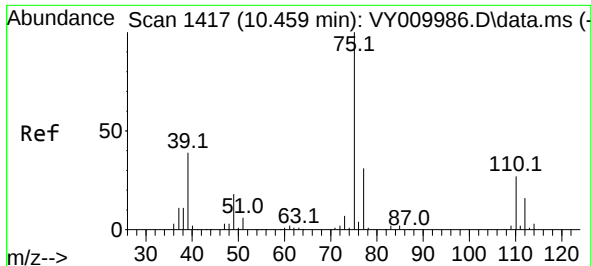
Tgt Ion: 43 Resp: 78058
Ion Ratio Lower Upper
43 100
58 44.1 31.5 47.3



#52
Toluene
Concen: 20.032 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 92 Resp: 59371
Ion Ratio Lower Upper
92 100
91 175.0 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 19.471 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

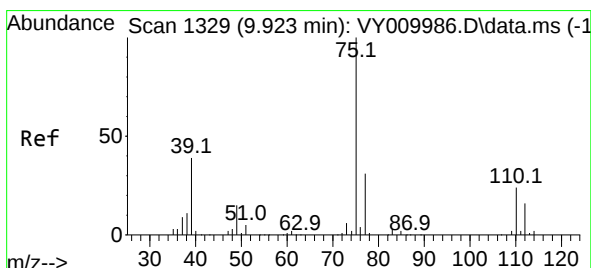
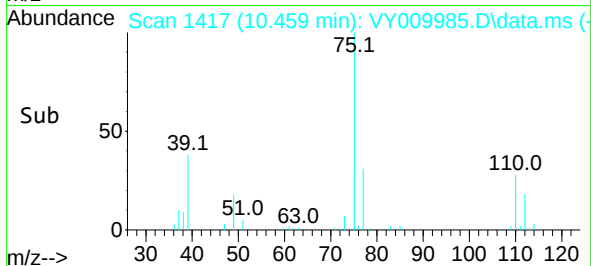
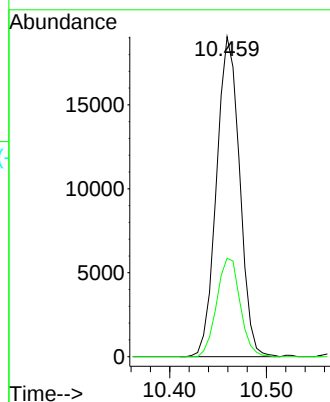
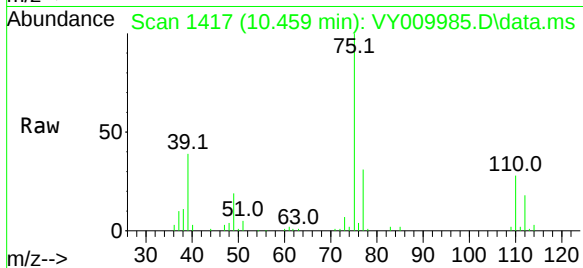
VSTDIC020

Tgt Ion: 75 Resp: 31654

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.835 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

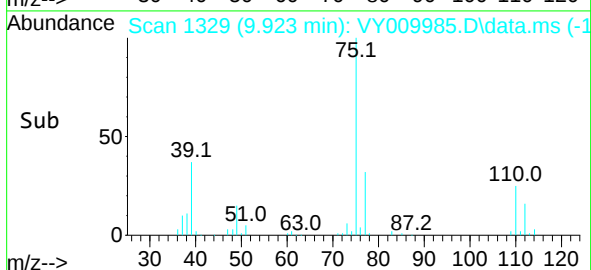
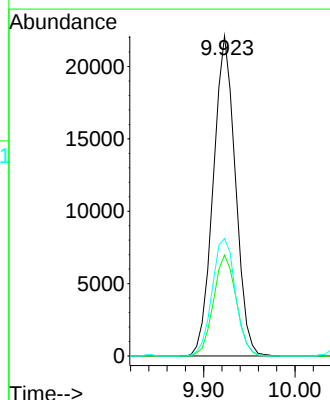
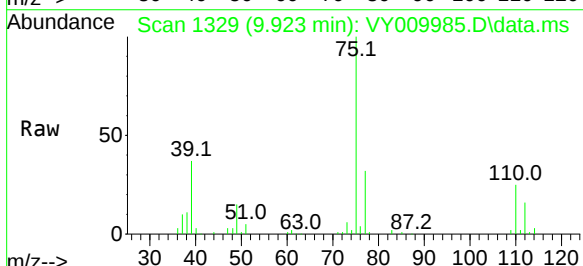
Tgt Ion: 75 Resp: 37190

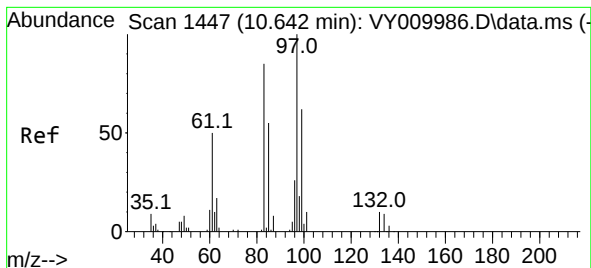
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 36.7 35.8 53.8





#55

1,1,2-Trichloroethane

Concen: 20.409 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.006 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 20701

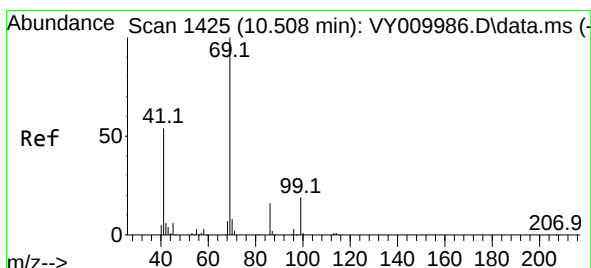
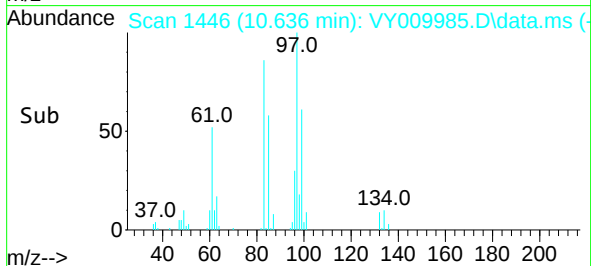
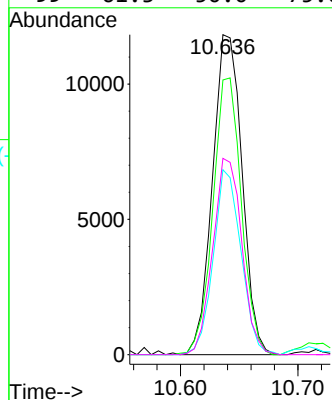
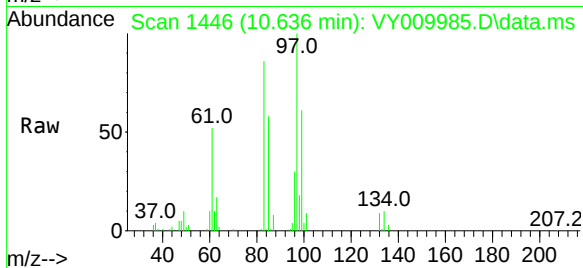
Ion Ratio Lower Upper

97 100

83 85.8 66.9 100.3

85 57.8 44.2 66.4

99 61.3 50.0 75.0



#56

Ethyl methacrylate

Concen: 19.392 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

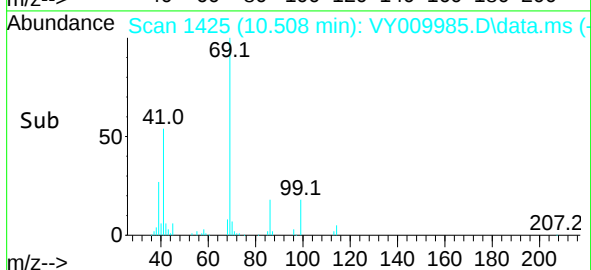
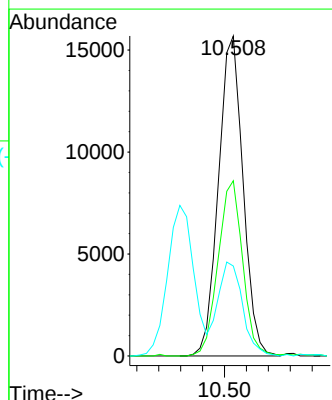
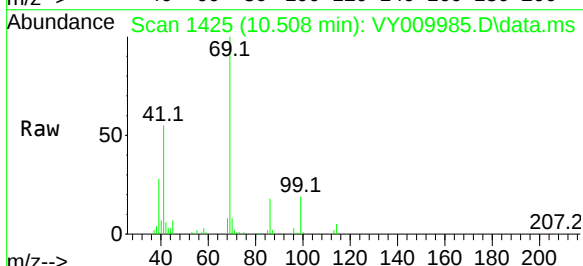
Tgt Ion: 69 Resp: 24417

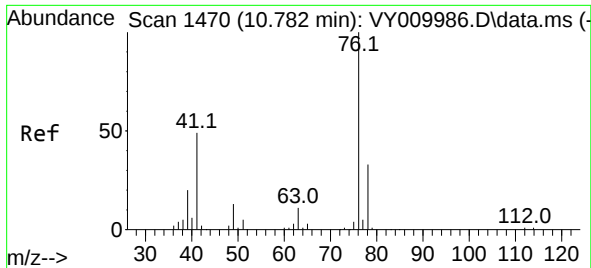
Ion Ratio Lower Upper

69 100

41 54.8 50.4 75.6

39 29.6 27.6 41.4

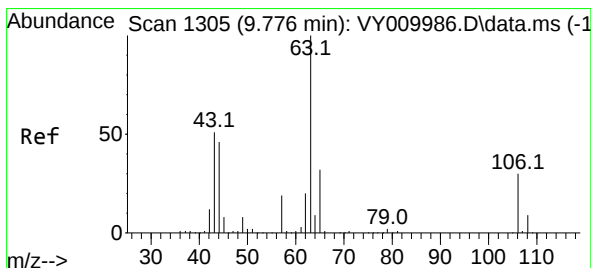
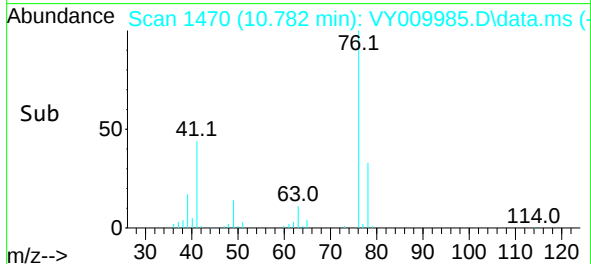
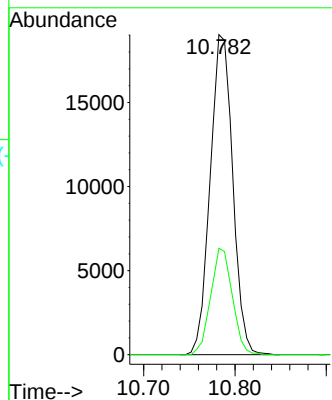
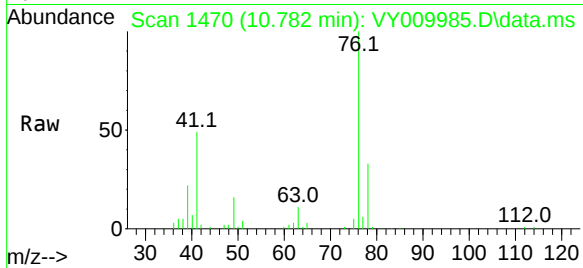




#57
1,3-Dichloropropane
Concen: 19.753 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

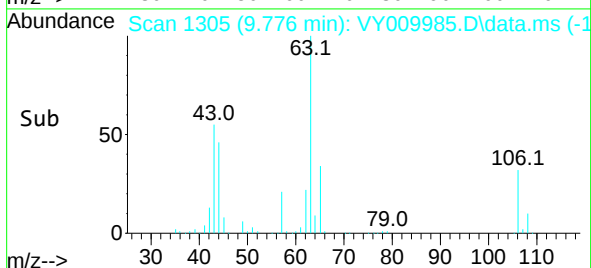
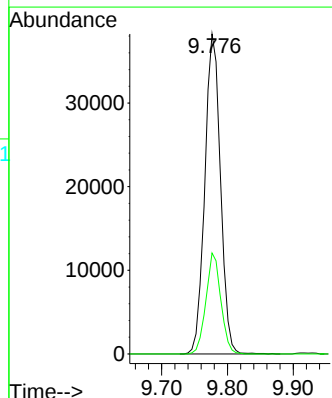
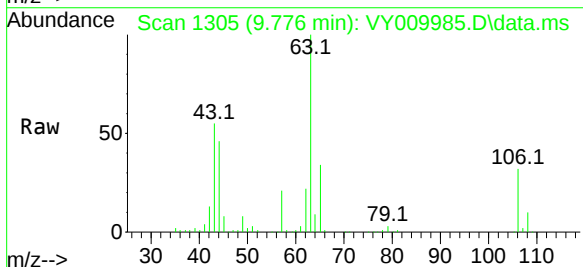
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

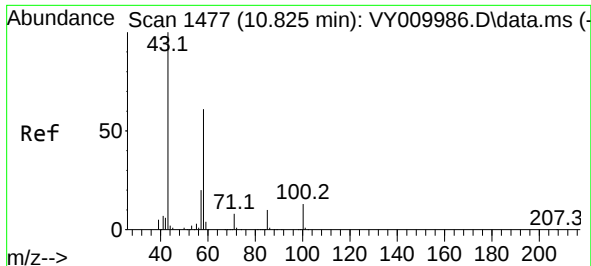
Tgt Ion: 76 Resp: 32605
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 116.259 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 63 Resp: 63252
Ion Ratio Lower Upper
63 100
106 30.0 23.3 34.9

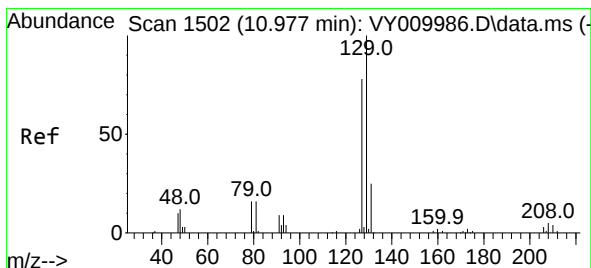
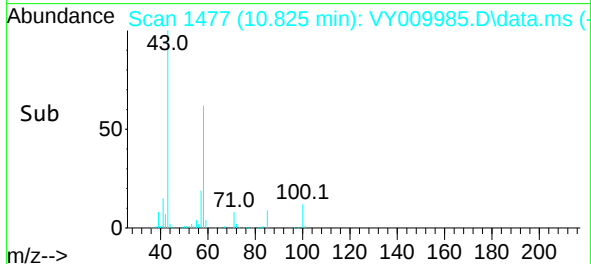
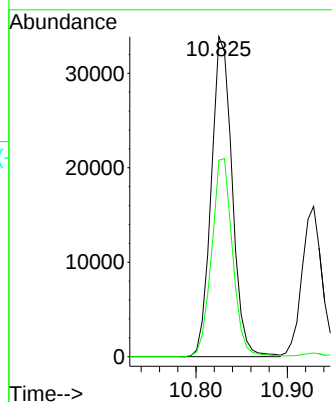
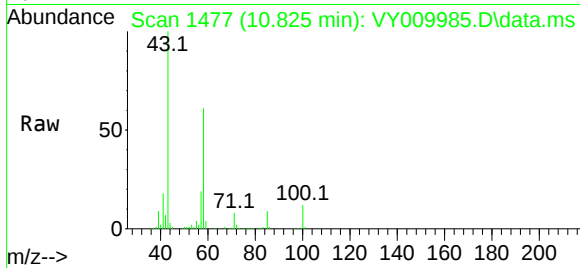




#59
2-Hexanone
Concen: 93.627 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

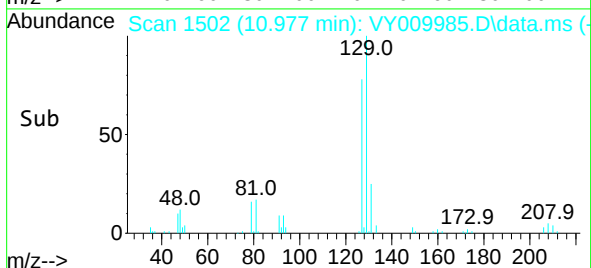
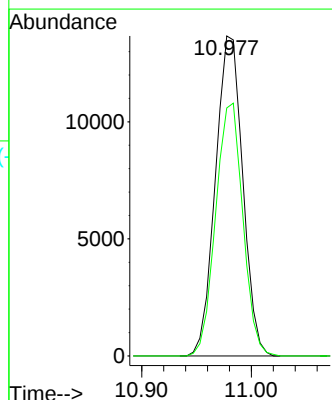
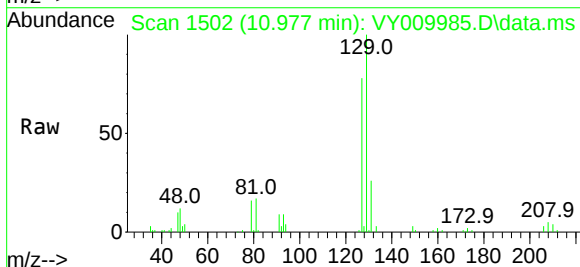
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

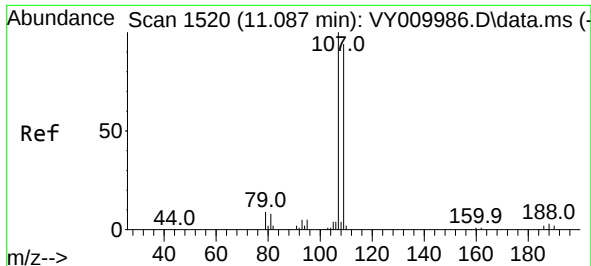
Tgt Ion: 43 Resp: 53746
Ion Ratio Lower Upper
43 100
58 62.1 27.6 82.8



#60
Dibromochloromethane
Concen: 20.242 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 129 Resp: 23660
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4

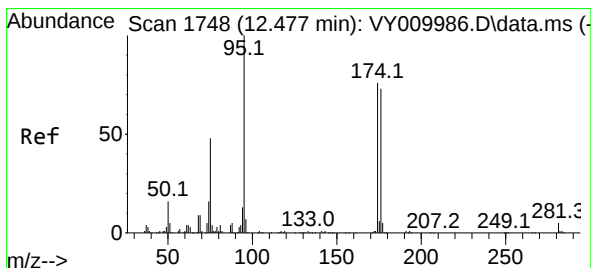
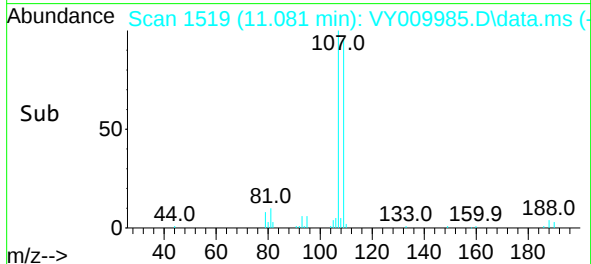
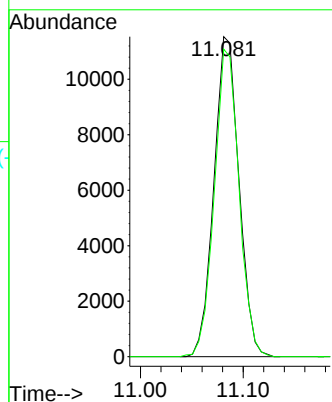
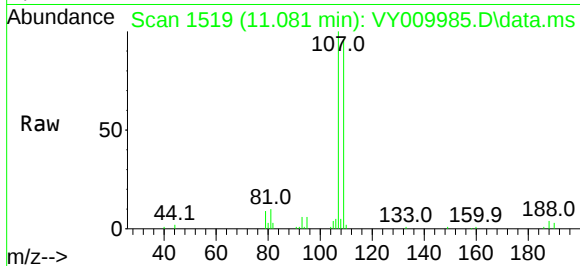




#61
1,2-Dibromoethane
Concen: 20.117 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

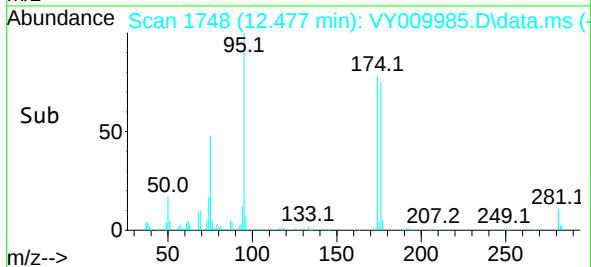
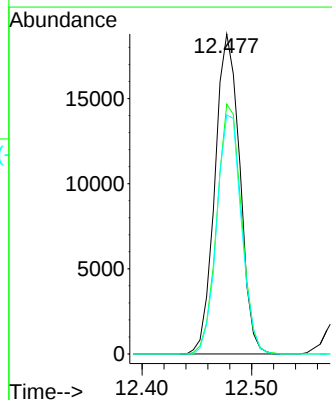
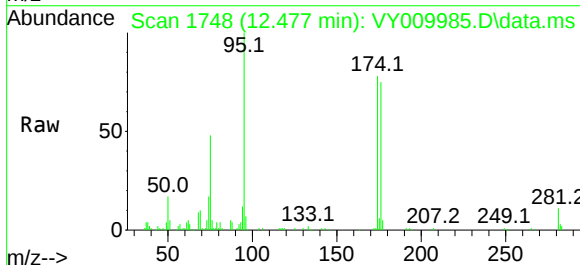
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

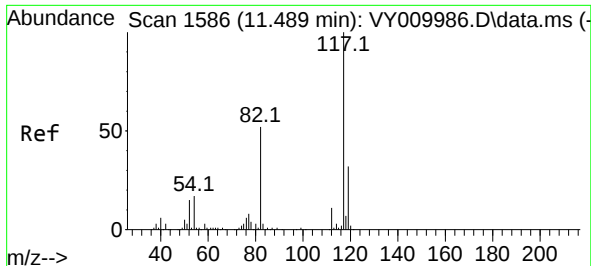
Tgt Ion:107 Resp: 19546
Ion Ratio Lower Upper
107 100
109 94.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 19.819 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 95 Resp: 29548
Ion Ratio Lower Upper
95 100
174 77.4 0.0 173.8
176 74.4 0.0 167.0

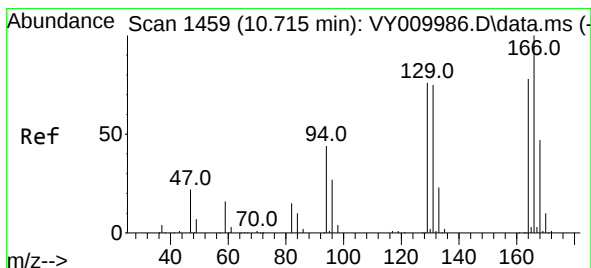
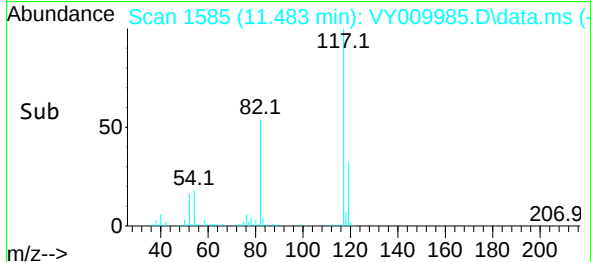
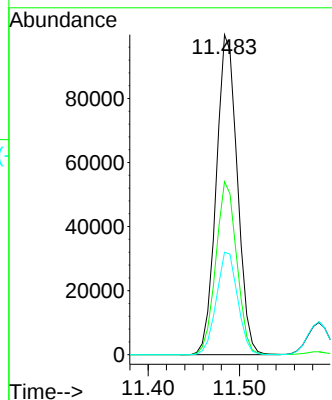
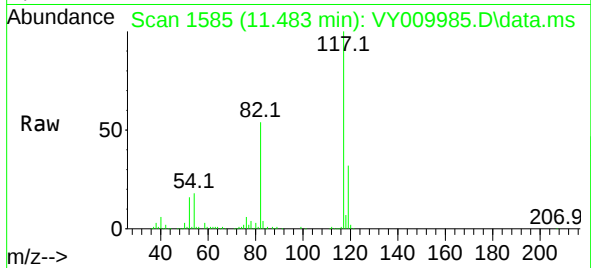




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

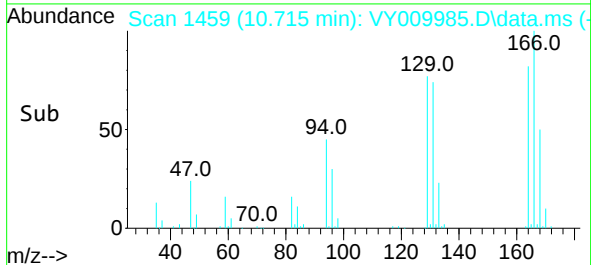
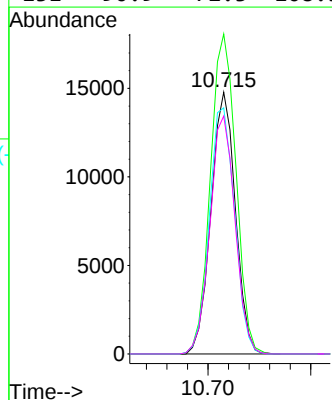
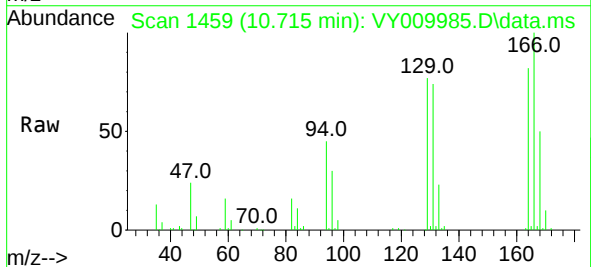
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

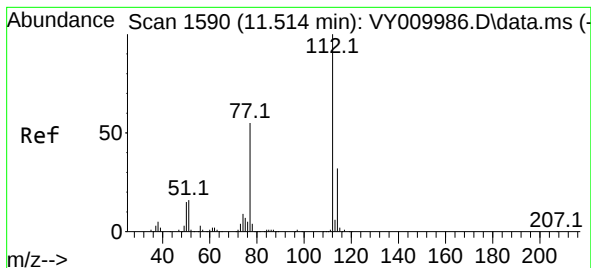
Tgt Ion:117 Resp: 160431
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.6
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 21.249 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion:164 Resp: 24365
Ion Ratio Lower Upper
164 100
166 122.2 104.9 157.3
129 94.0 76.5 114.7
131 90.9 72.3 108.5





#65

Chlorobenzene

Concen: 19.880 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

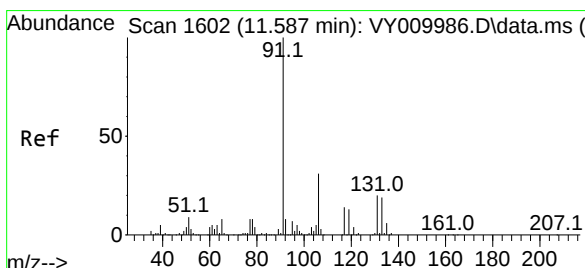
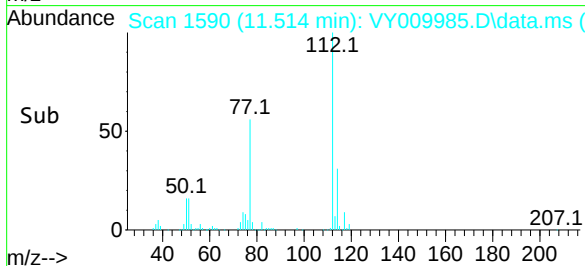
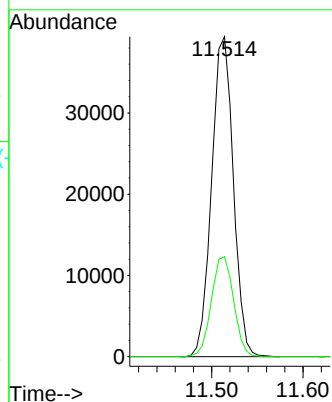
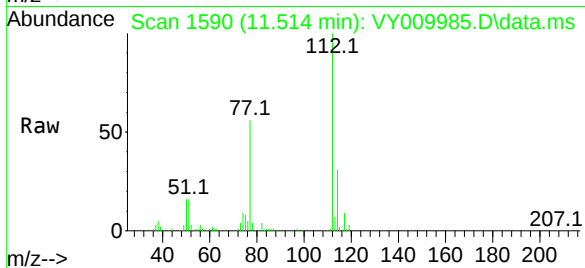
VSTDIC020

Tgt Ion:112 Resp: 65073

Ion Ratio Lower Upper

112 100

114 31.2 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.142 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

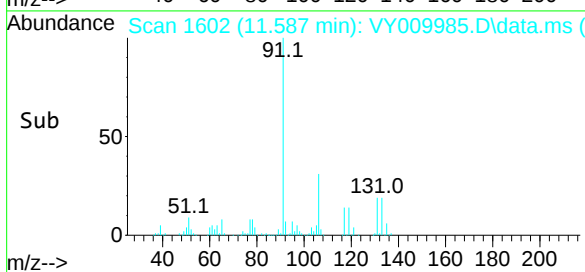
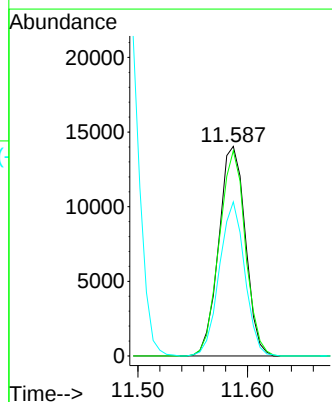
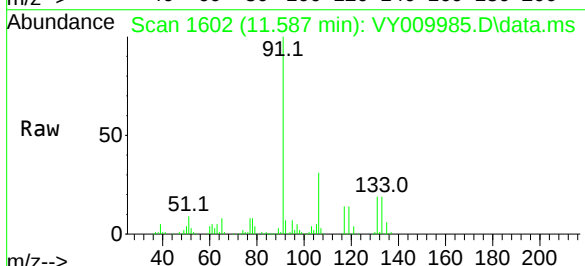
Tgt Ion:131 Resp: 23684

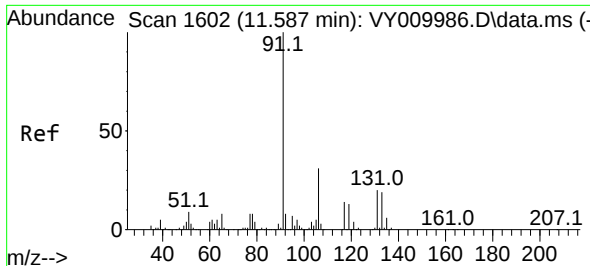
Ion Ratio Lower Upper

131 100

133 96.5 47.3 142.0

119 70.1 32.1 96.3





#67

Ethyl Benzene

Concen: 19.860 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

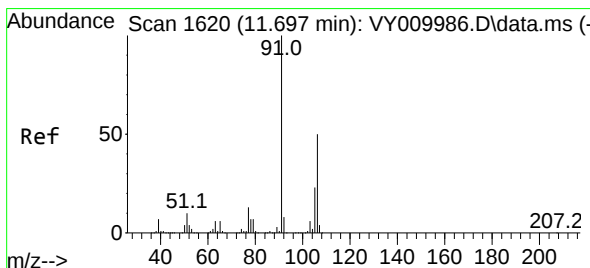
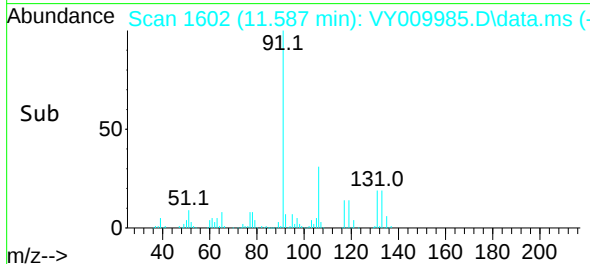
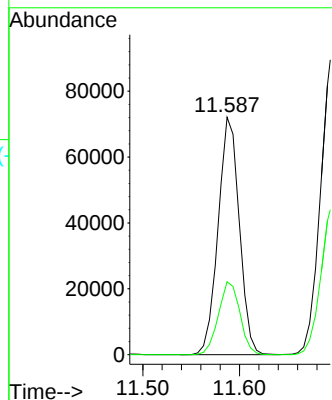
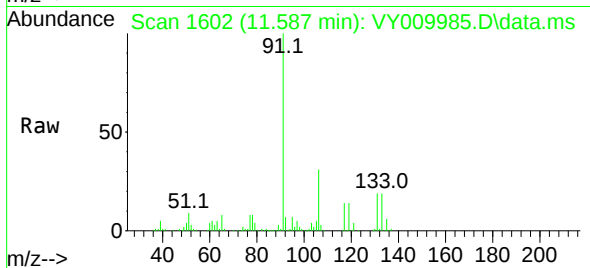
VSTDICC020

Tgt Ion: 91 Resp: 109566

Ion Ratio Lower Upper

91 100

106 30.7 26.2 39.4



#68

m/p-Xylenes

Concen: 41.741 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009985.D

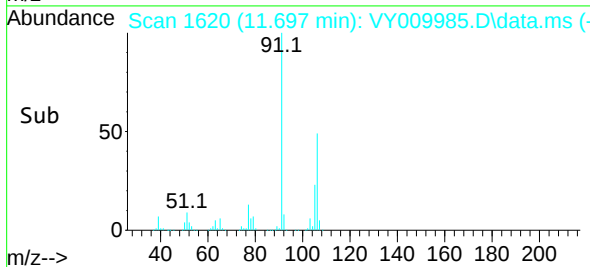
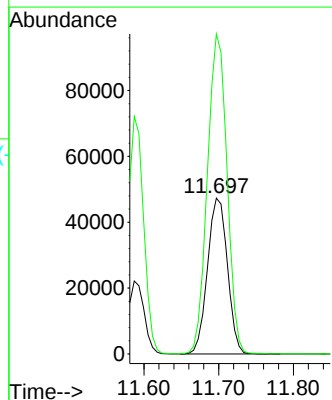
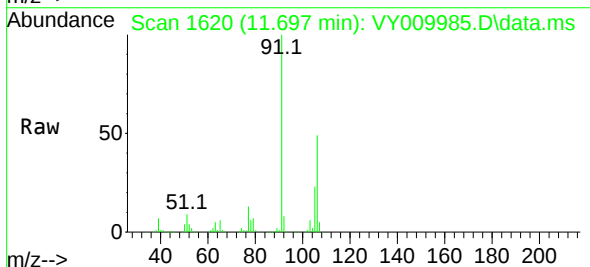
Acq: 12 Aug 2022 14:34

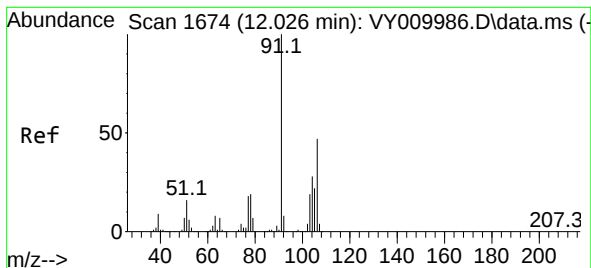
Tgt Ion:106 Resp: 87540

Ion Ratio Lower Upper

106 100

91 202.4 156.2 234.2





#69

o-Xylene

Concen: 19.865 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

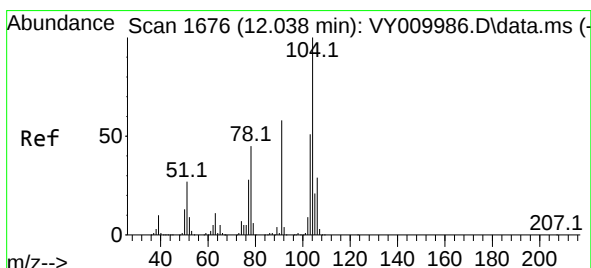
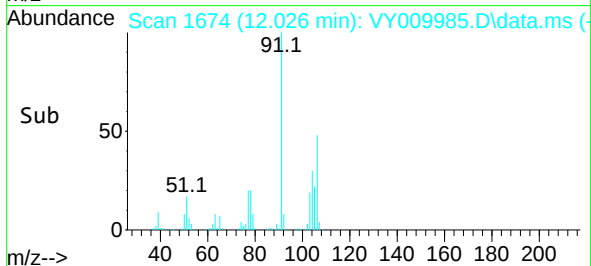
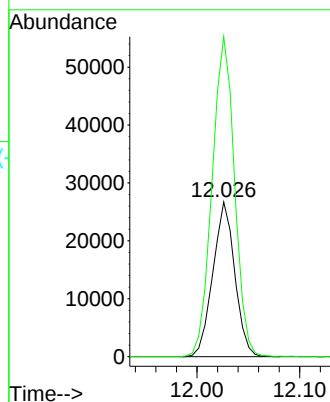
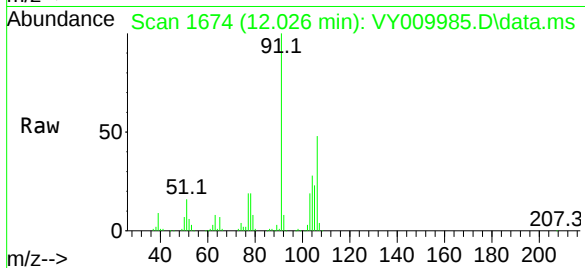
VSTDICC020

Tgt Ion:106 Resp: 39455

Ion Ratio Lower Upper

106 100

91 212.2 103.2 309.4



#70

Styrene

Concen: 20.151 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

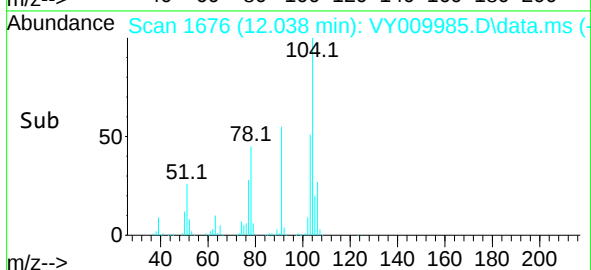
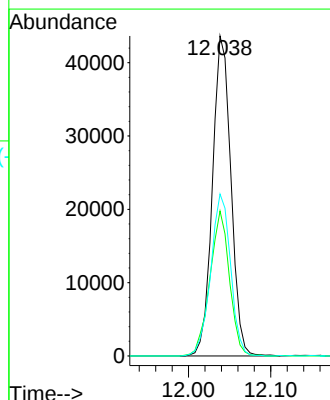
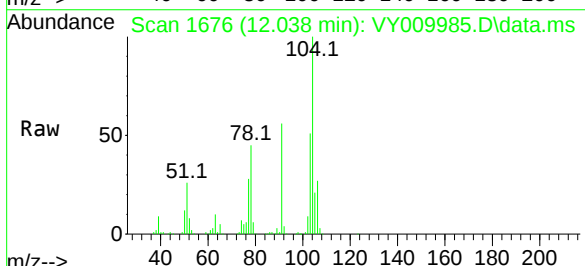
Tgt Ion:104 Resp: 68260

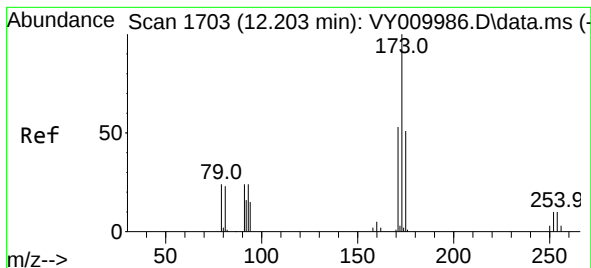
Ion Ratio Lower Upper

104 100

78 47.9 38.6 57.8

103 54.4 43.3 64.9





#71

Bromoform

Concen: 20.210 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

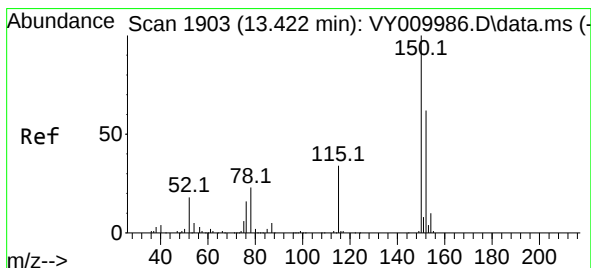
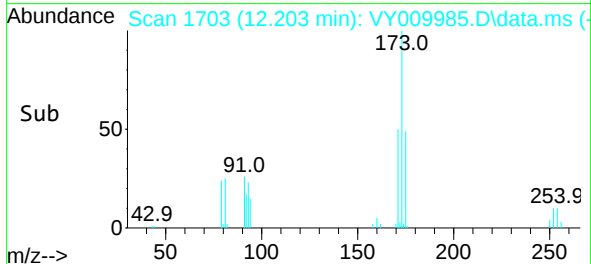
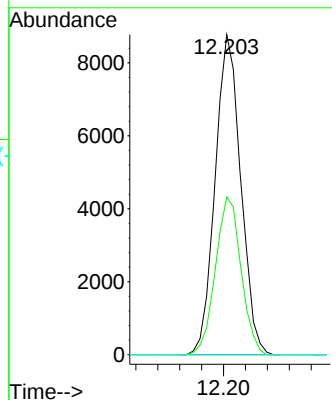
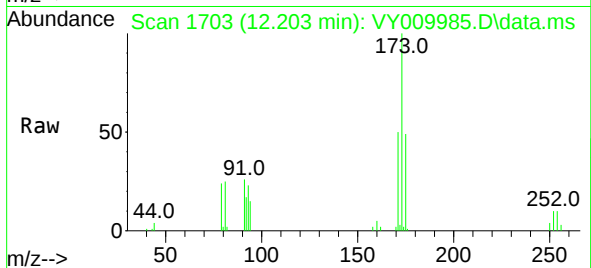
Tgt Ion:173 Resp: 14202

Ion Ratio Lower Upper

173 100

175 49.3 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: VY009985.D

Acq: 12 Aug 2022 14:34

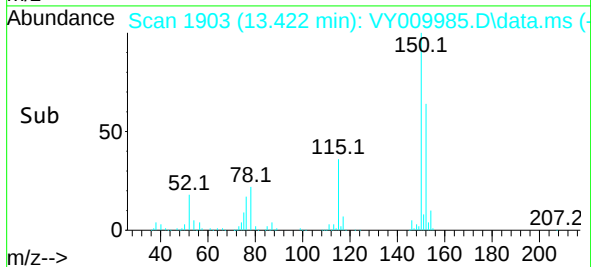
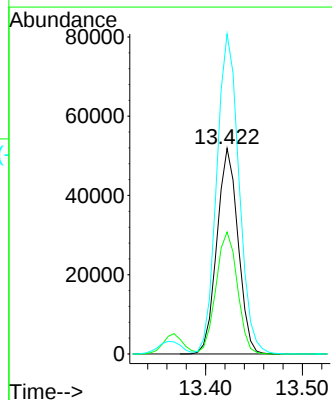
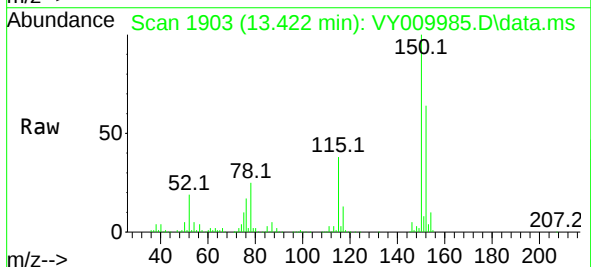
Tgt Ion:152 Resp: 78588

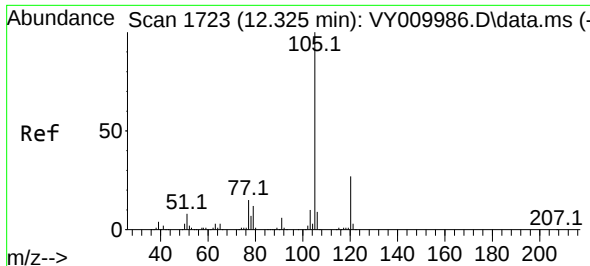
Ion Ratio Lower Upper

152 100

115 60.0 28.6 85.9

150 164.3 0.0 349.8

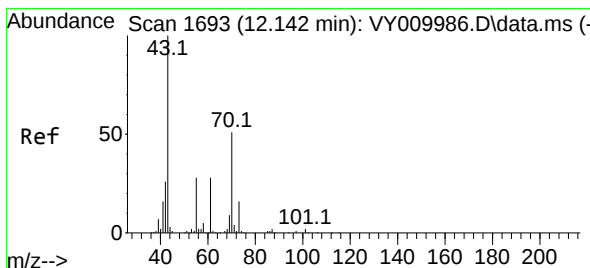
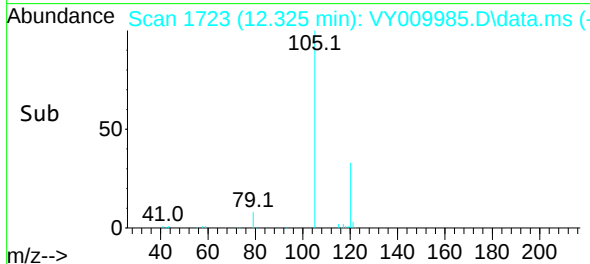
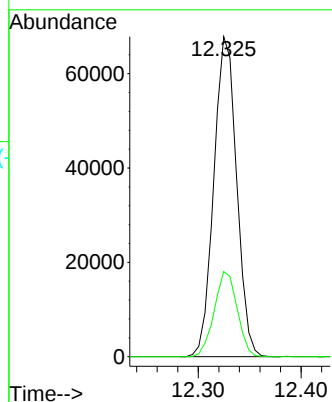
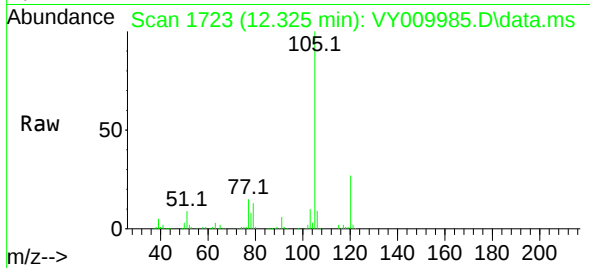




#73
Isopropylbenzene
Concen: 19.797 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

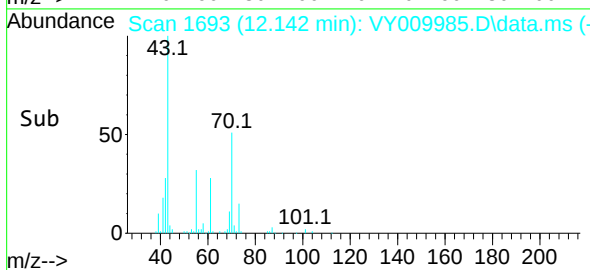
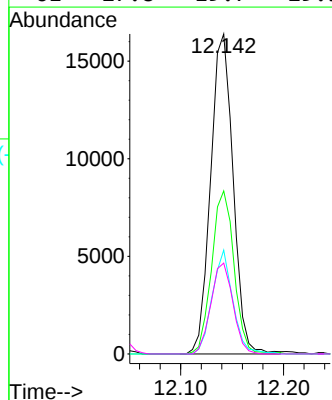
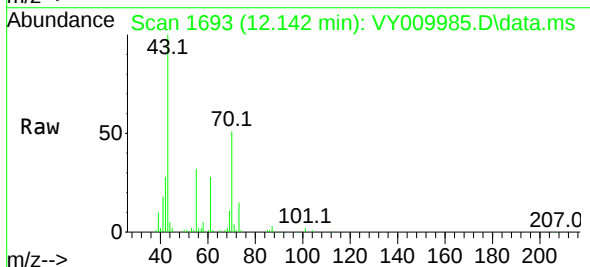
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

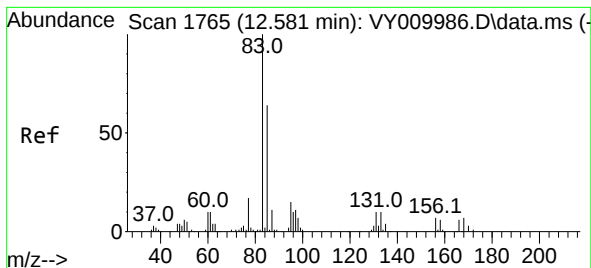
Tgt Ion:105 Resp: 104502
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.1



#74
N-ethyl acetate
Concen: 18.013 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 43 Resp: 24864
Ion Ratio Lower Upper
43 100
70 50.8 35.6 53.4
55 29.9 19.5 29.3#
61 27.8 19.7 29.5

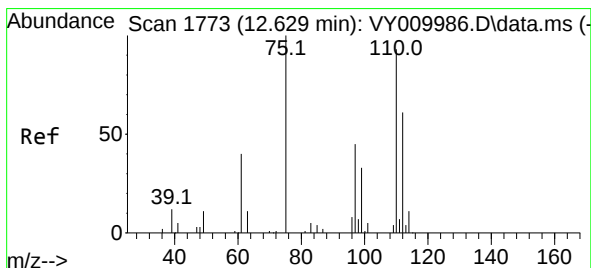
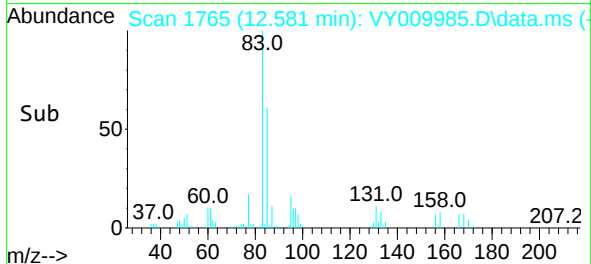
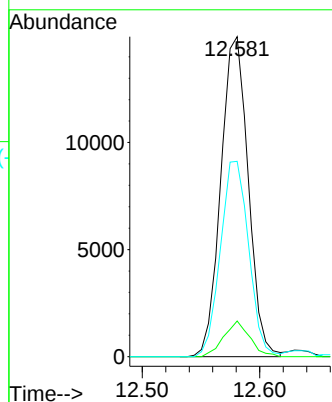
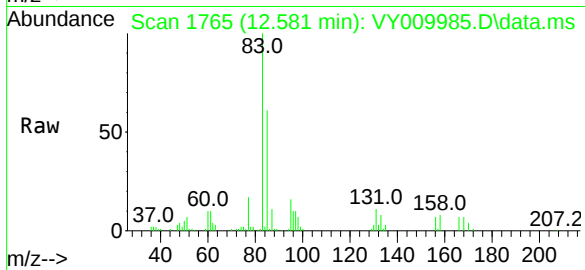




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.916 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009985.D
 Acq: 12 Aug 2022 14:34

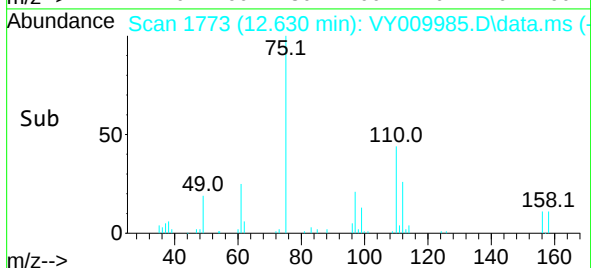
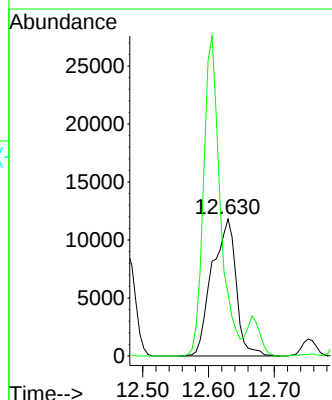
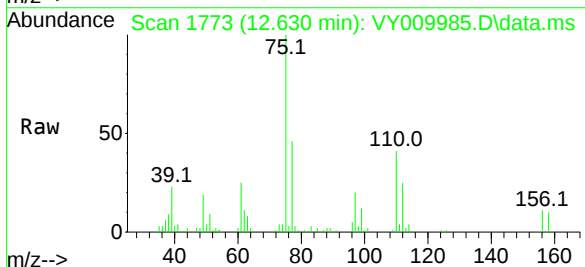
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

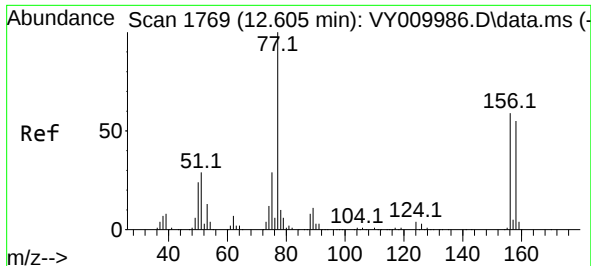
Tgt Ion: 83 Resp: 24248
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.4 16.2
 85 63.0 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 20.679 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009985.D
 Acq: 12 Aug 2022 14:34

Tgt Ion: 75 Resp: 30067
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

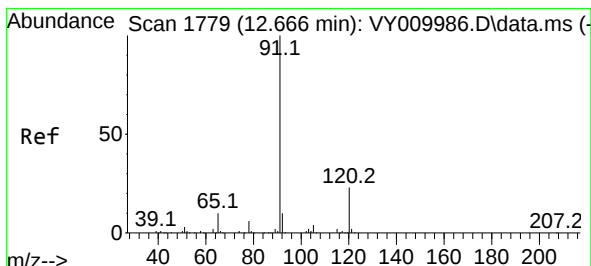
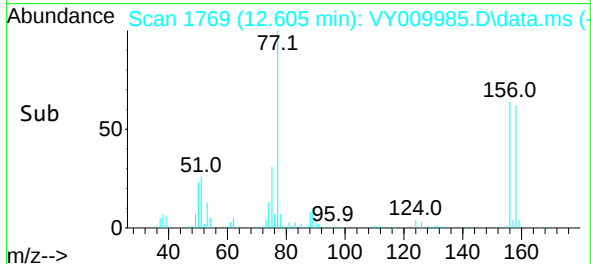
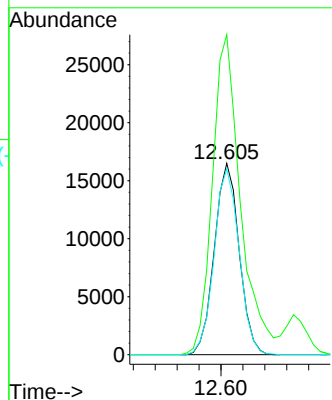
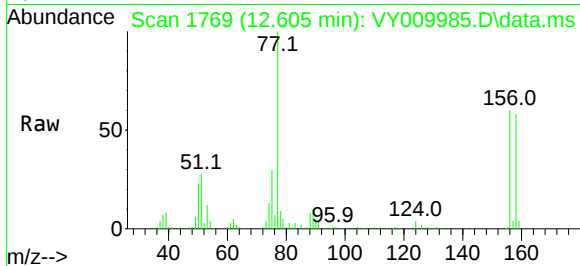




#77
Bromobenzene
Concen: 19.859 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

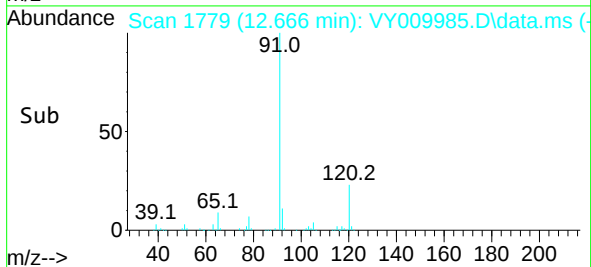
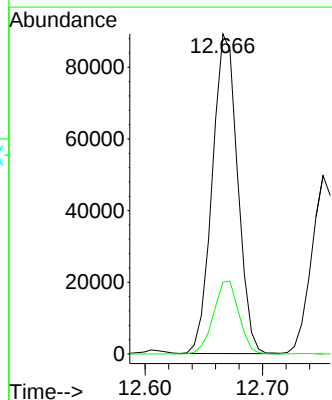
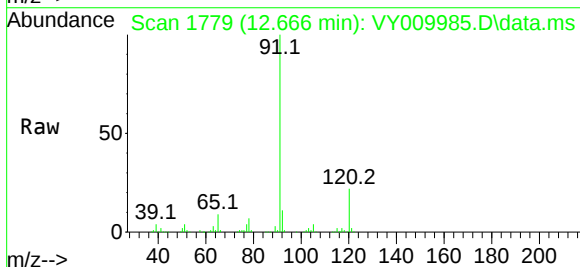
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

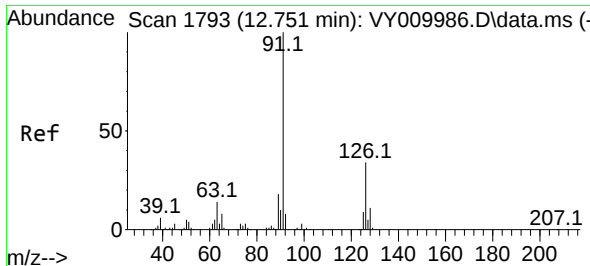
Tgt Ion:156 Resp: 25934
Ion Ratio Lower Upper
156 100
77 188.5 88.1 264.3
158 98.0 48.6 145.8



#78
n-propylbenzene
Concen: 19.576 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 91 Resp: 133732
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5

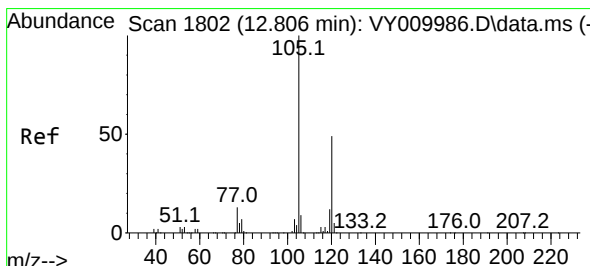
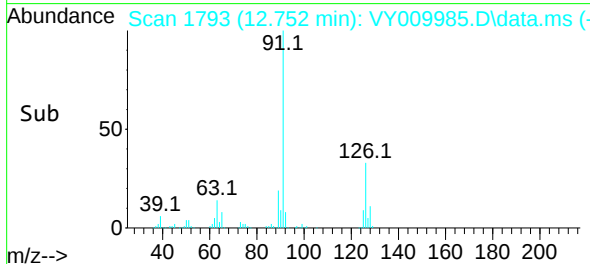
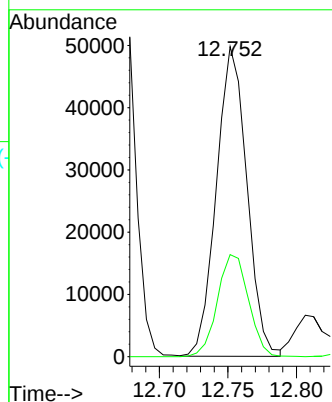
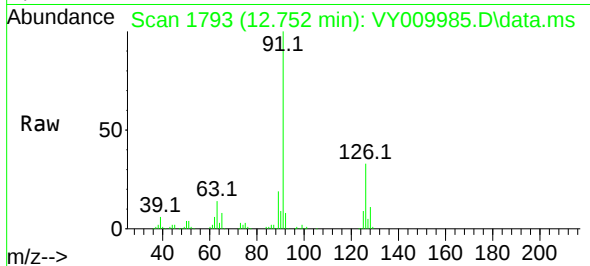




#79
2-Chlorotoluene
Concen: 19.450 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

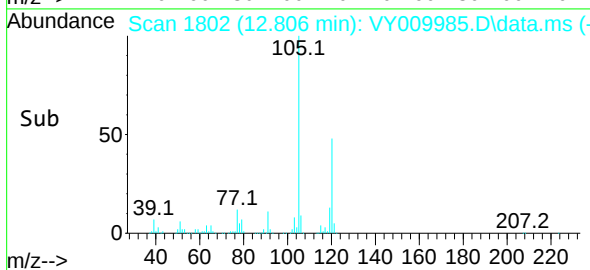
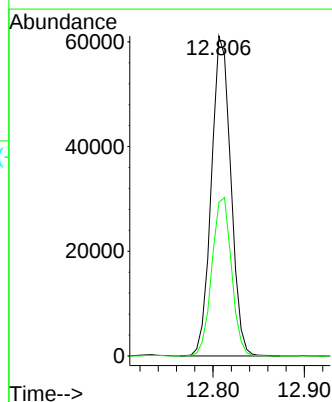
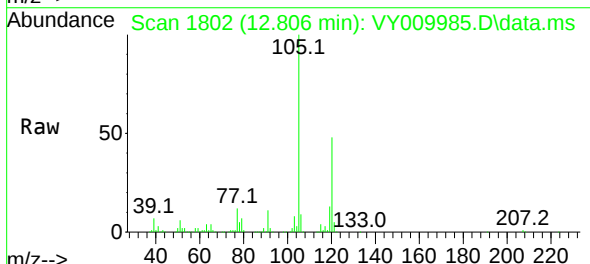
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

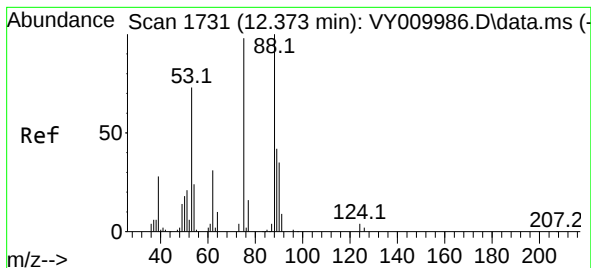
Tgt Ion: 91 Resp: 77045
Ion Ratio Lower Upper
91 100
126 33.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 20.113 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 105 Resp: 90262
Ion Ratio Lower Upper
105 100
120 50.0 25.3 75.8

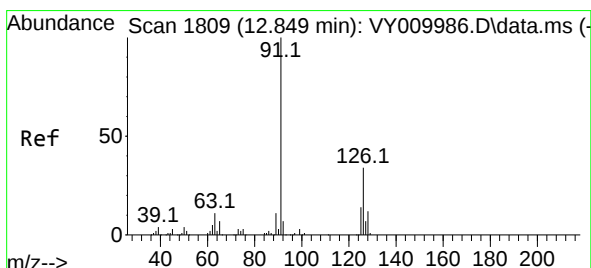
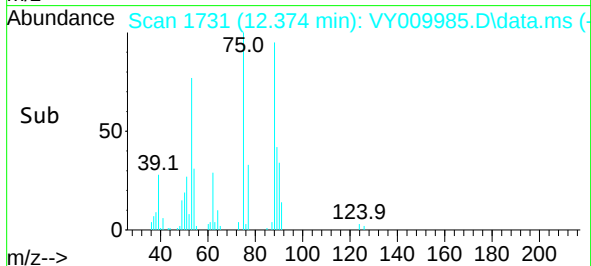
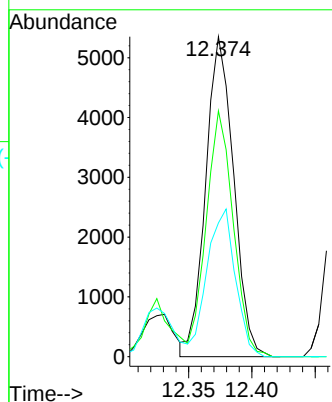
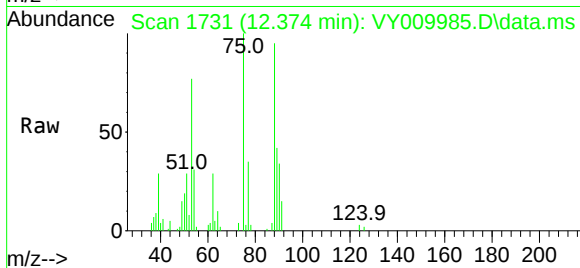




#81
trans-1,4-Dichloro-2-butene
Concen: 19.227 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

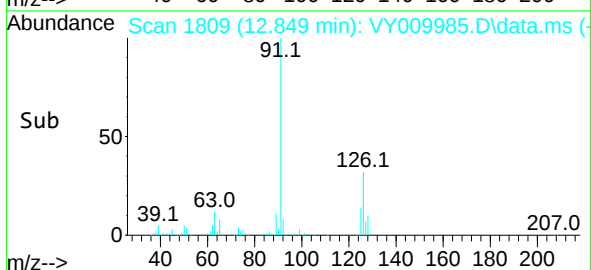
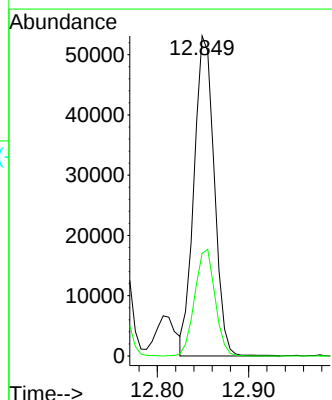
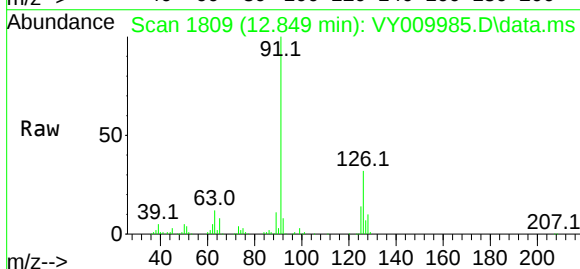
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

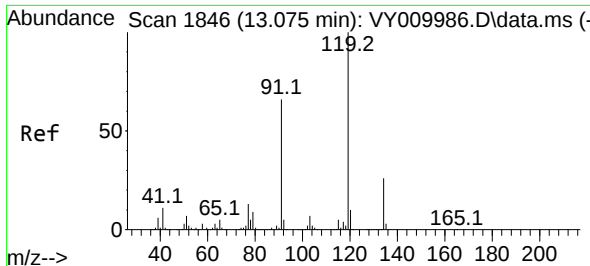
Tgt Ion: 75 Resp: 8234
Ion Ratio Lower Upper
75 100
53 74.0 71.4 107.2
89 46.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.098 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 91 Resp: 81589
Ion Ratio Lower Upper
91 100
126 33.6 18.0 54.0

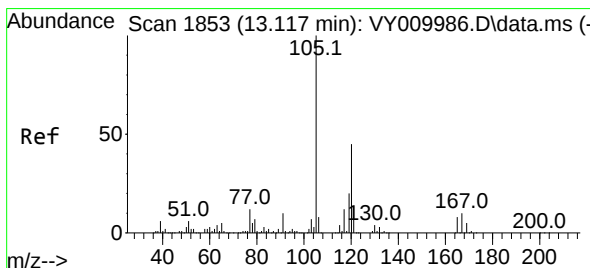
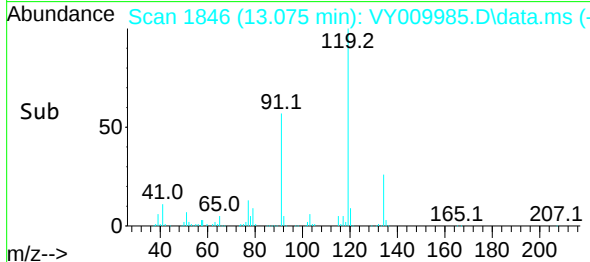
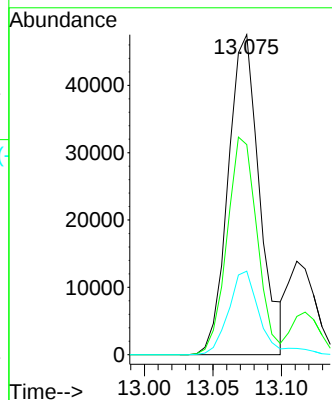
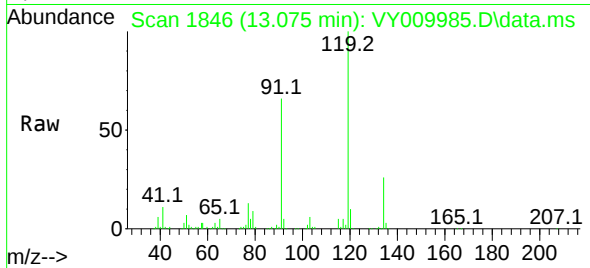




#83
tert-Butylbenzene
Concen: 19.635 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

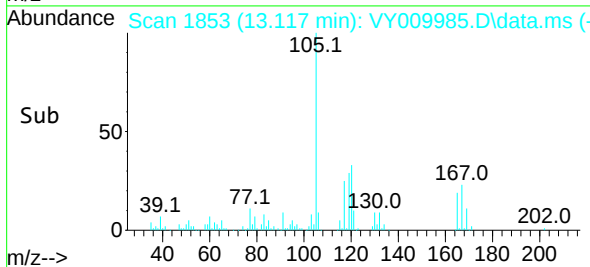
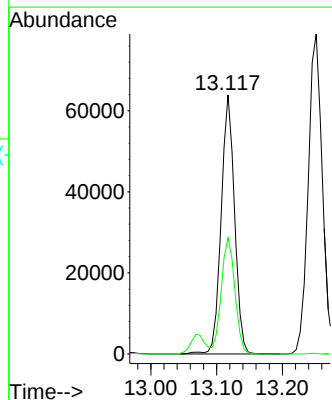
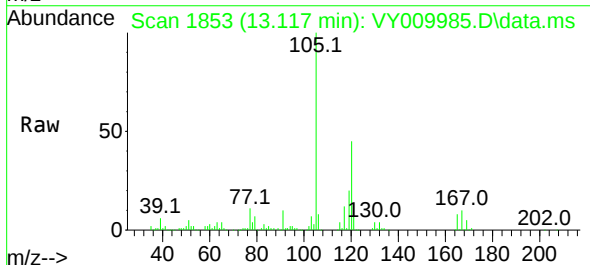
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

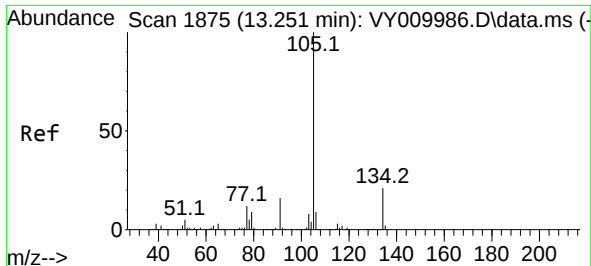
Tgt Ion:119 Resp: 76026
Ion Ratio Lower Upper
119 100
91 65.2 32.0 96.0
134 26.2 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.480 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion:105 Resp: 90582
Ion Ratio Lower Upper
105 100
120 45.3 23.4 70.3

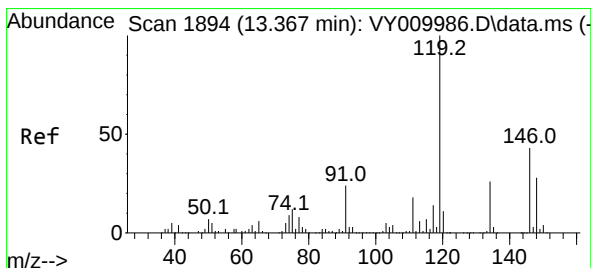
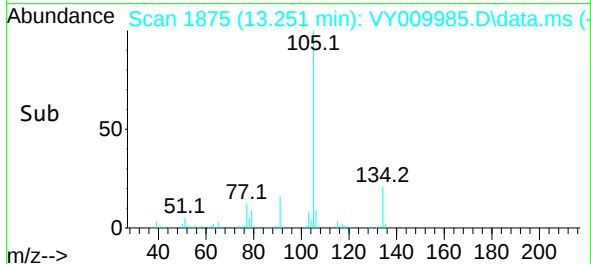
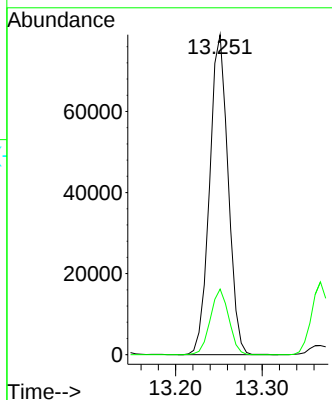
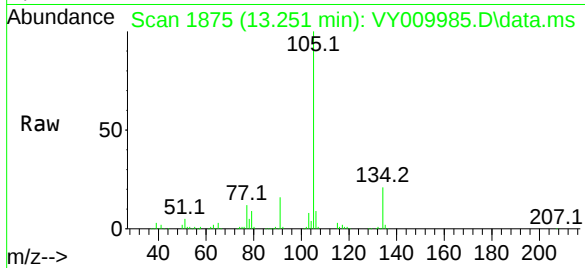




#85
 sec-Butylbenzene
 Concen: 19.931 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009985.D
 Acq: 12 Aug 2022 14:34

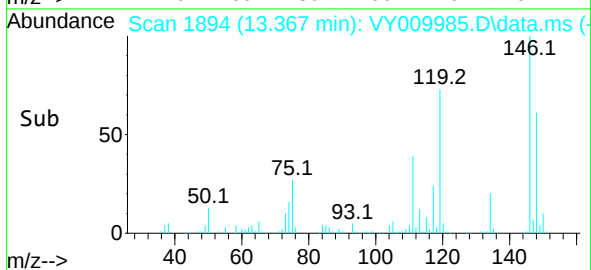
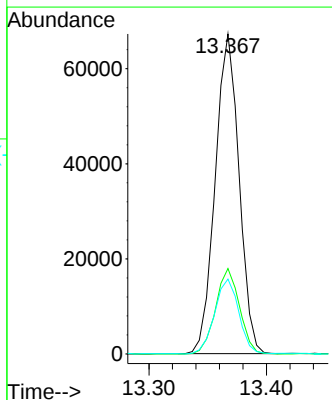
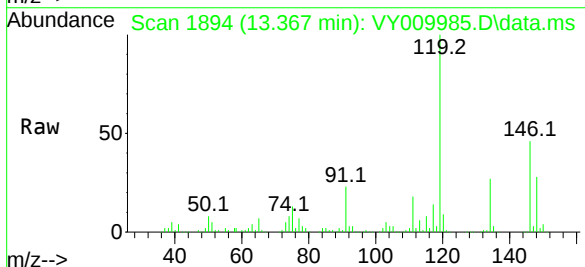
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

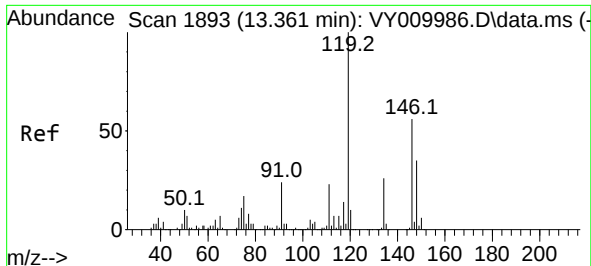
Tgt Ion:105 Resp: 117267
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.130 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009985.D
 Acq: 12 Aug 2022 14:34

Tgt Ion:119 Resp: 94698
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 23.9 11.6 34.8

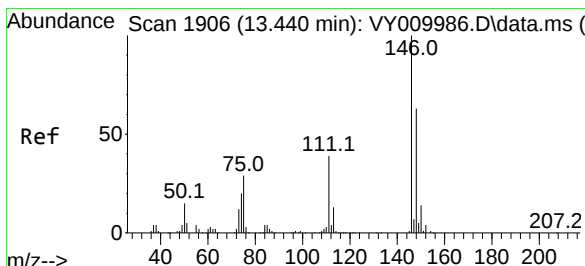
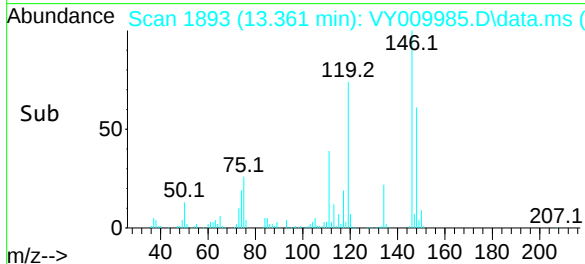
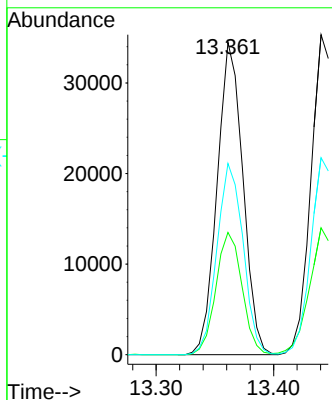
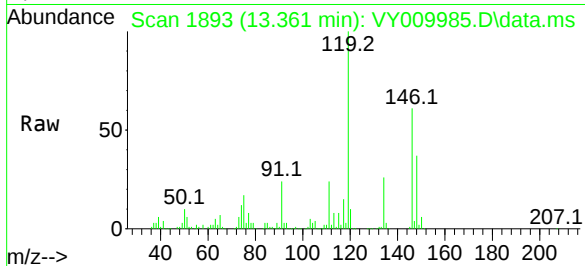




#87
1,3-Dichlorobenzene
Concen: 20.286 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

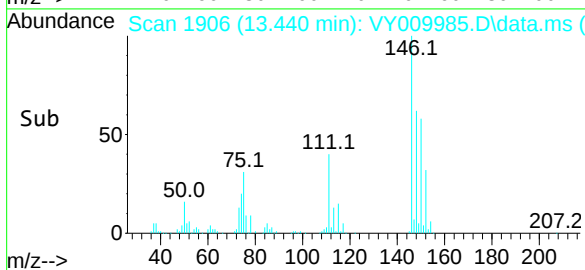
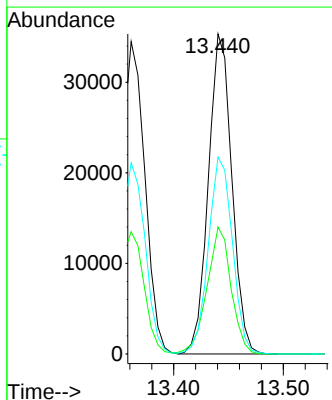
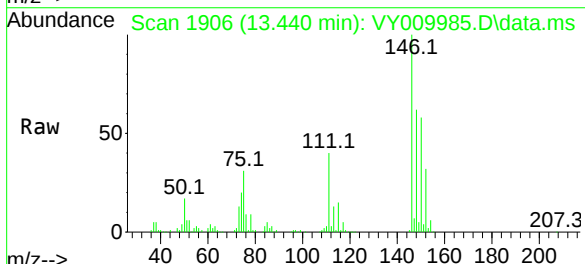
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

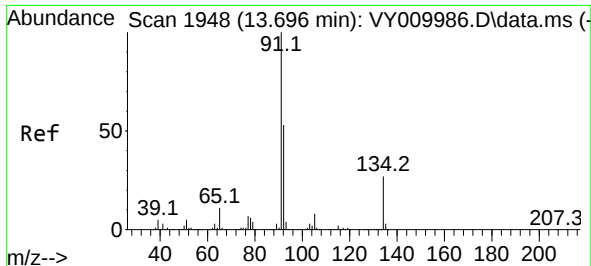
Tgt Ion:146 Resp: 52655
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.3
148 62.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.902 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion:146 Resp: 52636
Ion Ratio Lower Upper
146 100
111 40.7 18.9 56.9
148 63.3 31.6 95.0

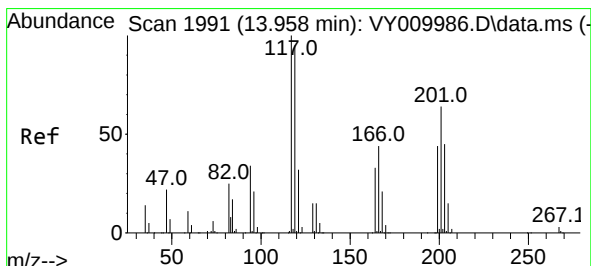
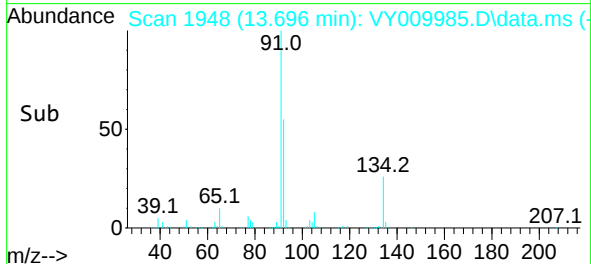
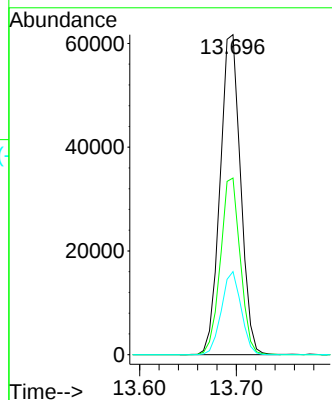
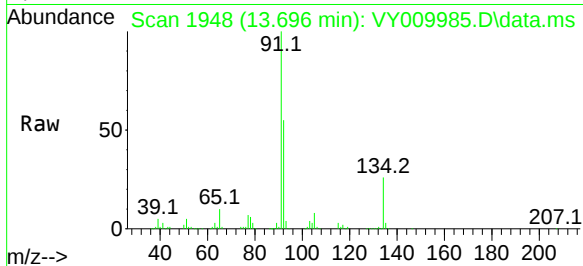




#89
n-Butylbenzene
Concen: 20.018 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

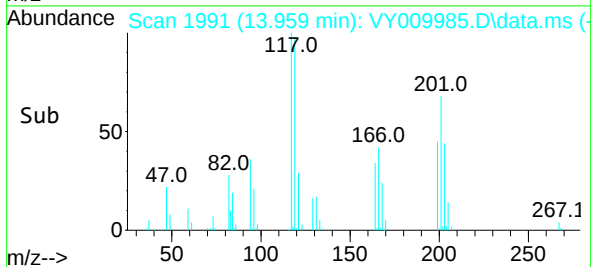
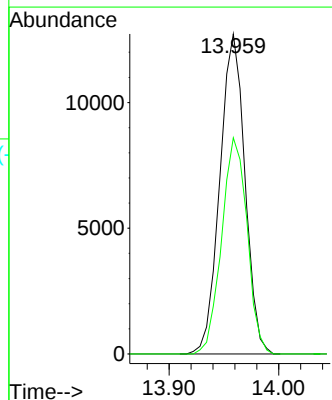
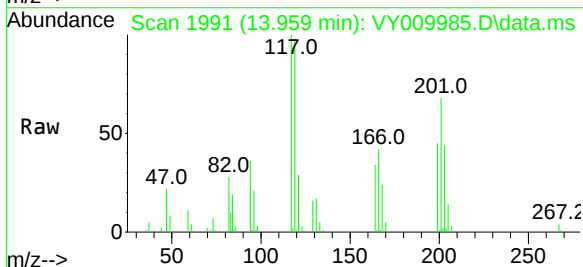
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

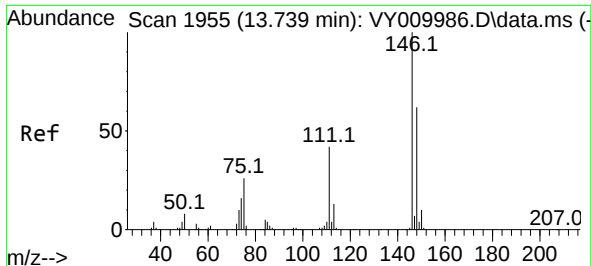
Tgt Ion: 91 Resp: 90647
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 25.0 14.0 41.9



#90
Hexachloroethane
Concen: 20.134 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion: 117 Resp: 20227
Ion Ratio Lower Upper
117 100
201 68.4 38.8 116.3





#91

1,2-Dichlorobenzene

Concen: 20.244 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

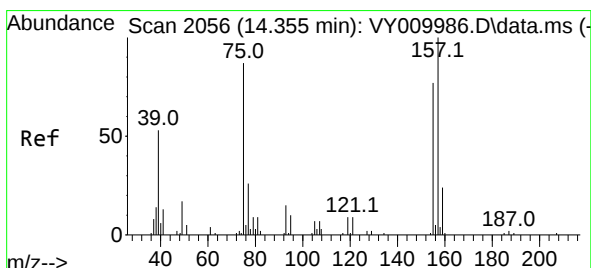
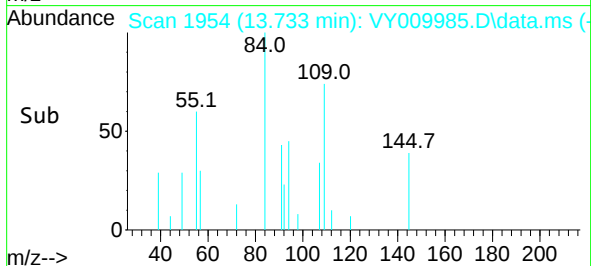
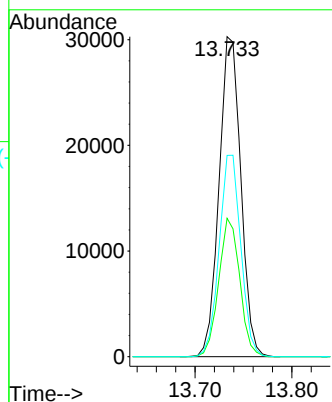
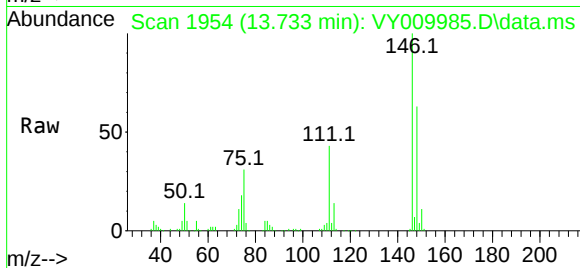
Tgt Ion:146 Resp: 47256

Ion Ratio Lower Upper

146 100

111 41.8 19.7 59.1

148 62.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.819 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

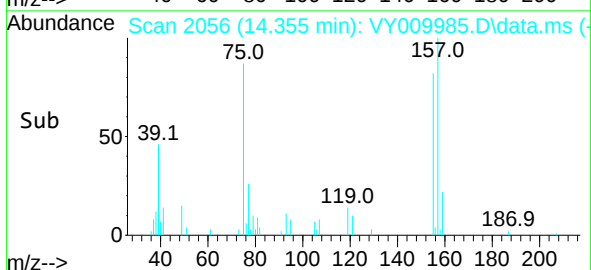
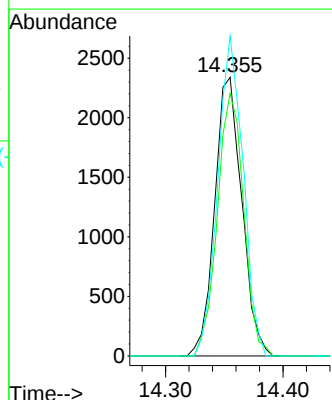
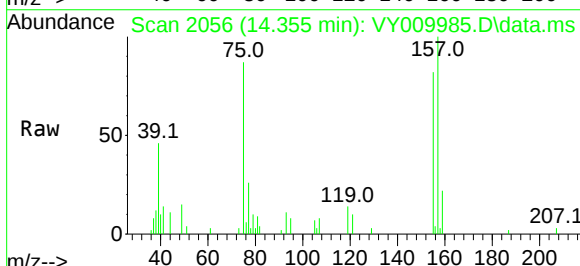
Tgt Ion: 75 Resp: 3749

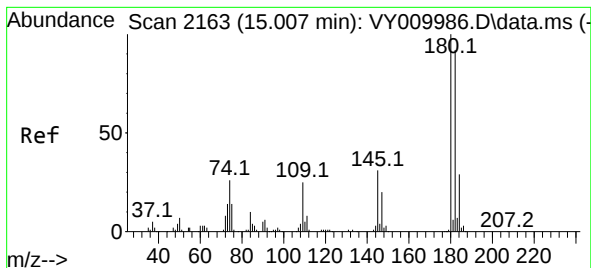
Ion Ratio Lower Upper

75 100

155 91.9 46.4 139.1

157 107.6 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 18.564 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

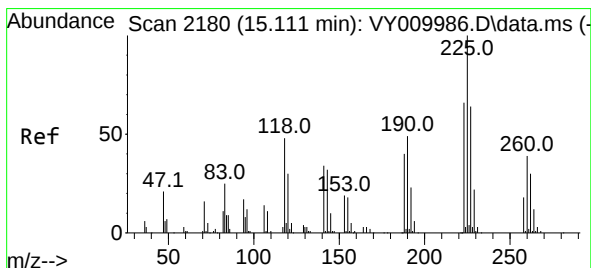
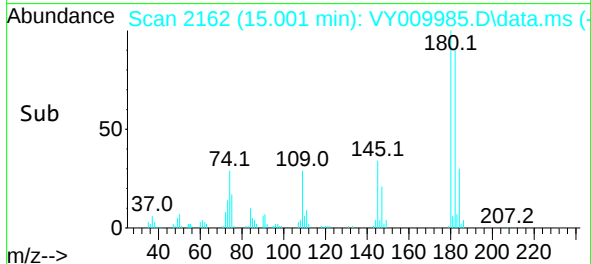
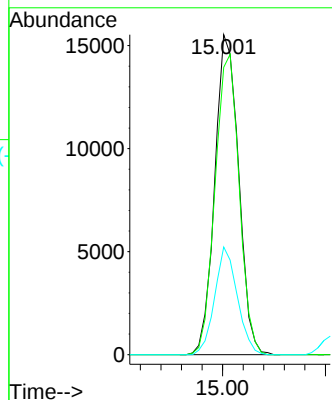
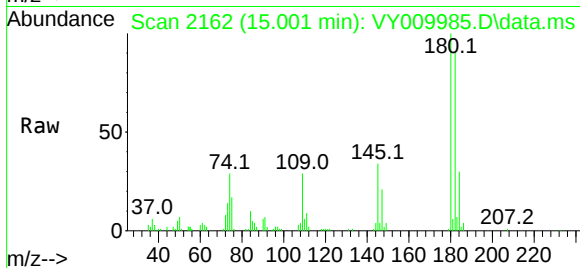
Tgt Ion:180 Resp: 24943

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 32.1 15.1 45.3



#94

Hexachlorobutadiene

Concen: 19.668 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009985.D

Acq: 12 Aug 2022 14:34

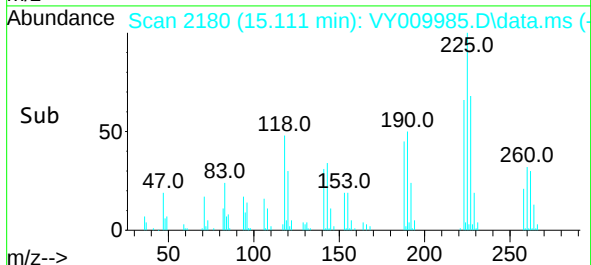
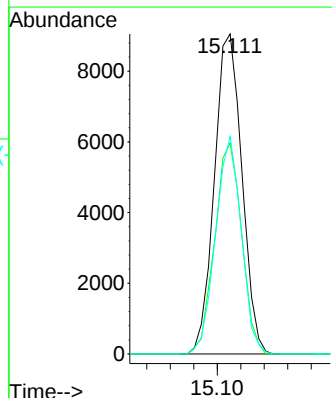
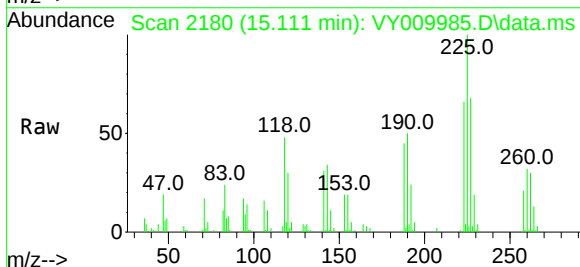
Tgt Ion:225 Resp: 14712

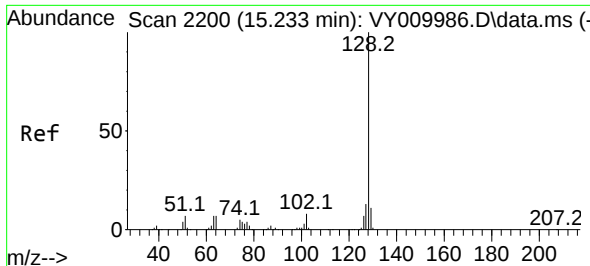
Ion Ratio Lower Upper

225 100

223 64.5 30.8 92.3

227 63.4 31.9 95.5

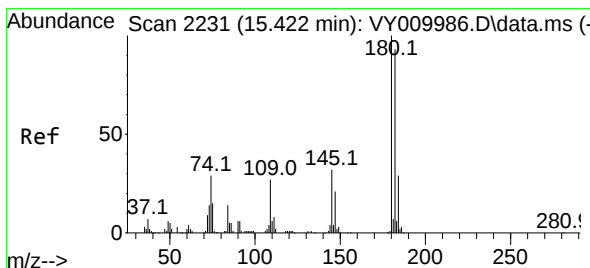
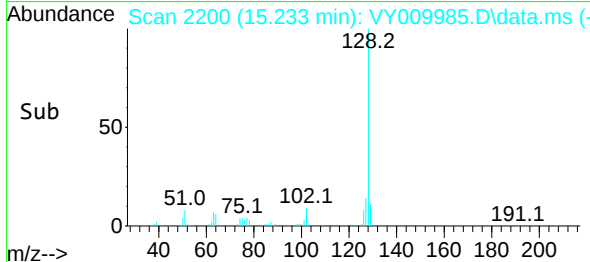
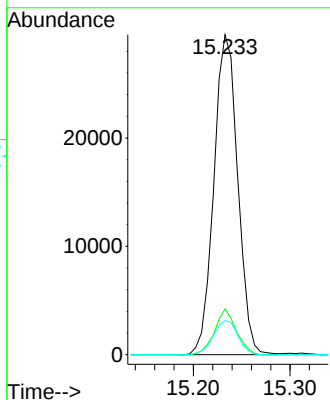
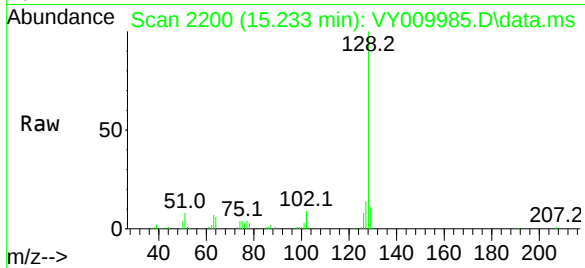




#95
Naphthalene
Concen: 17.831 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 50464
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.521 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY009985.D
Acq: 12 Aug 2022 14:34

Tgt Ion:180 Resp: 22088
Ion Ratio Lower Upper
180 100
182 97.6 47.0 141.0
145 35.1 15.6 46.7

