

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071822\
 Data File : VY009576.D
 Acq On : 18 Jul 2022 16:25
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 19 02:52:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 02:49:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	209769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147660	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	293869	148.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 296.260%#	
35) Dibromofluoromethane	7.710	113	297211	149.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 299.100%#	
50) Toluene-d8	10.173	98	1150953	150.648	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 301.300%#	
62) 4-Bromofluorobenzene	12.477	95	387737	156.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 313.240%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	256372	139.283	ug/l	100
3) Chloromethane	2.107	50	374237	137.200	ug/l	96
4) Vinyl Chloride	2.241	62	399057	139.900	ug/l	98
5) Bromomethane	2.613	94	252824	130.954	ug/l	97
6) Chloroethane	2.771	64	242725	140.087	ug/l	99
7) Trichlorofluoromethane	3.107	101	486171	143.835	ug/l	94
8) Diethyl Ether	3.515	74	167321	151.299	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	280066	141.695	ug/l	95
10) Methyl Iodide	4.076	142	401244	152.824	ug/l #	88
11) Tert butyl alcohol	4.948	59	137769	589.476	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	278870	144.563	ug/l	84
13) Acrolein	3.716	56	105809	746.011	ug/l	97
14) Allyl chloride	4.460	41	458306	153.583	ug/l #	91
15) Acrylonitrile	5.149	53	423384	775.165	ug/l	98
16) Acetone	3.936	43	363763	724.821	ug/l	90
17) Carbon Disulfide	4.174	76	861946	143.731	ug/l	100
18) Methyl Acetate	4.460	43	198236	140.717	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	807912	158.908	ug/l	98
20) Methylene Chloride	4.698	84	327534	91.267	ug/l	87
21) trans-1,2-Dichloroethene	5.204	96	323126	147.995	ug/l	88
22) Diisopropyl ether	6.106	45	1000369	156.991	ug/l	93
23) Vinyl Acetate	6.045	43	3336638	829.916	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	549885	149.410	ug/l	99
25) 2-Butanone	6.978	43	580152	792.487	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	478039	144.992	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	368954	152.842	ug/l	87
28) Bromochloromethane	7.326	49	247991	157.264	ug/l	86
29) Tetrahydrofuran	7.338	42	389565	810.529	ug/l	91
30) Chloroform	7.496	83	557898	148.185	ug/l	100
31) Cyclohexane	7.777	56	492998	140.930	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	498401	147.590	ug/l	96
36) 1,1-Dichloropropene	7.905	75	435068	148.144	ug/l	96
37) Ethyl Acetate	7.069	43	254695	155.824	ug/l	95
38) Carbon Tetrachloride	7.892	117	451974	147.018	ug/l	98
39) Methylcyclohexane	9.173	83	551818	152.387	ug/l	91
40) Benzene	8.149	78	1278058	148.727	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	351707	434.150	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	361140	149.810	ug/l	92
43) Isopropyl Acetate	8.264	43	479922	160.240	ug/l #	93
44) Trichloroethene	8.935	130	363746	148.837	ug/l	96
45) 1,2-Dichloropropane	9.209	63	317849	150.760	ug/l	95
46) Dibromomethane	9.301	93	188285	153.767	ug/l	96
47) Bromodichloromethane	9.490	83	438947	152.877	ug/l	98
48) Methyl methacrylate	9.289	41	218770	165.328	ug/l #	87
49) 1,4-Dioxane	9.295	88	51899	3179.727	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	1270528	817.015	ug/l	91
52) Toluene	10.240	92	835140	153.425	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	473738	159.747	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	527711	156.501	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	263842	152.997	ug/l	98
56) Ethyl methacrylate	10.508	69	376924	170.841	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	438425	153.203	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	950319	1159.740	ug/l	95
59) 2-Hexanone	10.825	43	894097	826.649	ug/l	89
60) Dibromochloromethane	10.983	129	324724	155.613	ug/l	100
61) 1,2-Dibromoethane	11.081	107	258941	153.901	ug/l	100
64) Tetrachloroethene	10.715	164	336438	148.757	ug/l	97
65) Chlorobenzene	11.514	112	880420	149.088	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	334631	152.516	ug/l	98
67) Ethyl Benzene	11.587	91	1607878	154.806	ug/l	97
68) m/p-Xylenes	11.697	106	1276560	308.827	ug/l	91
69) o-Xylene	12.026	106	608180	157.223	ug/l	91
70) Styrene	12.038	104	1041940	161.947	ug/l	94
71) Bromoform	12.203	173	218402	157.737	ug/l #	99
73) Isopropylbenzene	12.325	105	1562183	152.803	ug/l	99
74) N-amyl acetate	12.142	43	460891	169.509	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	304349	148.649	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	405092	278.475	ug/l #	100
77) Bromobenzene	12.605	156	383252	149.075	ug/l	91
78) n-propylbenzene	12.666	91	1857997	150.402	ug/l	97
79) 2-Chlorotoluene	12.751	91	1035360	151.164	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	1283568	151.941	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	115080	161.318	ug/l #	84
82) 4-Chlorotoluene	12.849	91	1069240	150.478	ug/l	95
83) tert-Butylbenzene	13.074	119	1149718	153.187	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	1304220	154.373	ug/l	97
85) sec-Butylbenzene	13.251	105	1670444	150.117	ug/l	99
86) p-Isopropyltoluene	13.367	119	1447611	154.800	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	764575	150.341	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	740229	146.801	ug/l	97
89) n-Butylbenzene	13.690	91	1302832	152.545	ug/l	98
90) Hexachloroethane	13.958	117	264048	146.560	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	668020	150.361	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	49001	157.316	ug/l	69
93) 1,2,4-Trichlorobenzene	15.001	180	453350	162.580	ug/l	100
94) Hexachlorobutadiene	15.111	225	245321	148.301	ug/l	98
95) Naphthalene	15.233	128	931782	175.022	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	398512	162.695	ug/l	99

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QLast Update : Tue Jul 19 02:49:46 2022
Response via : Initial Calibration

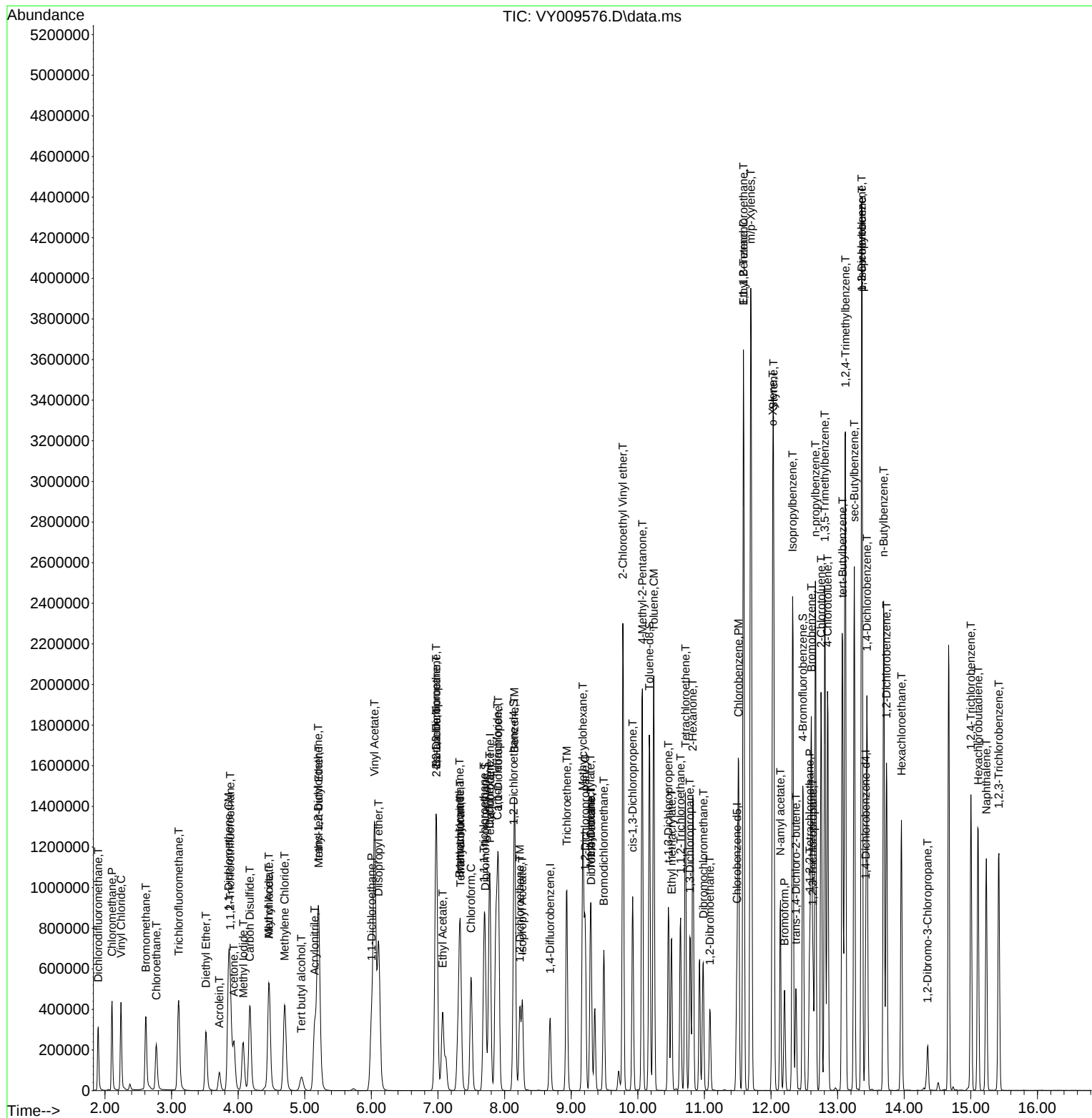
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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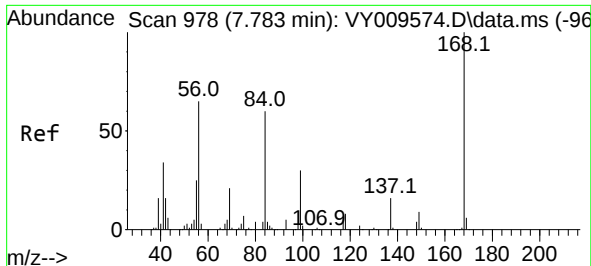
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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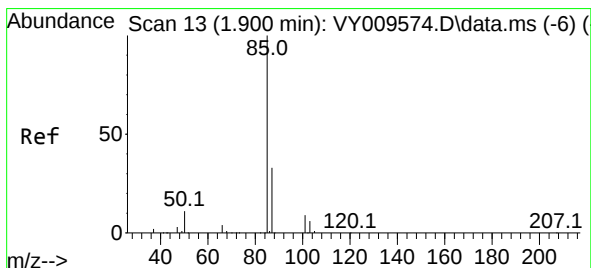
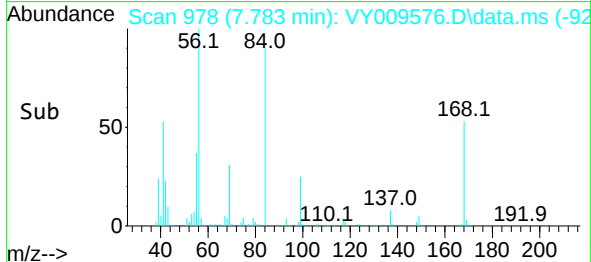
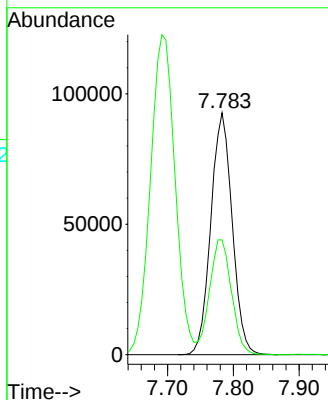
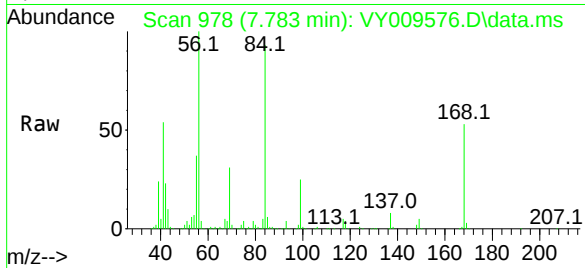




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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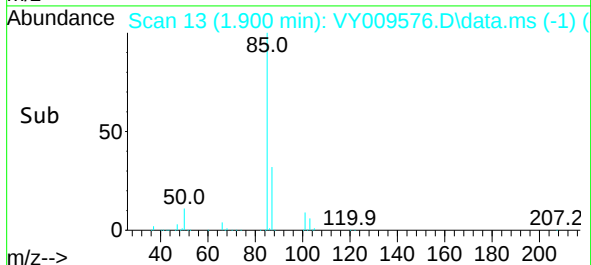
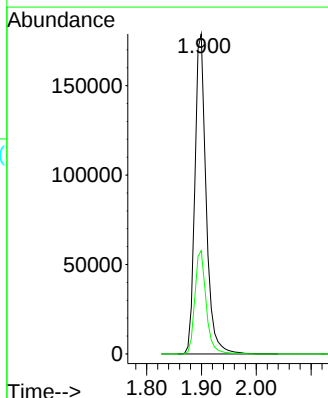
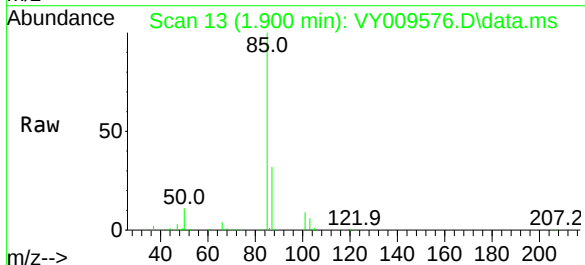
Instrument :
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ClientSampleId :
VSTDIC150

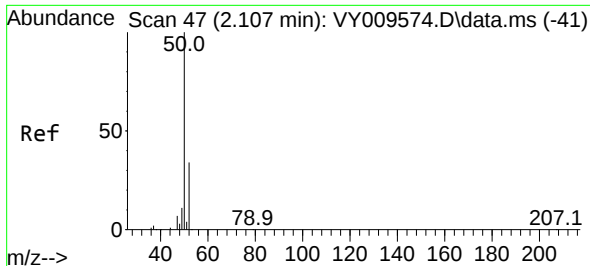
Tgt Ion:168 Resp: 209769
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 139.283 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 85 Resp: 256372
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2

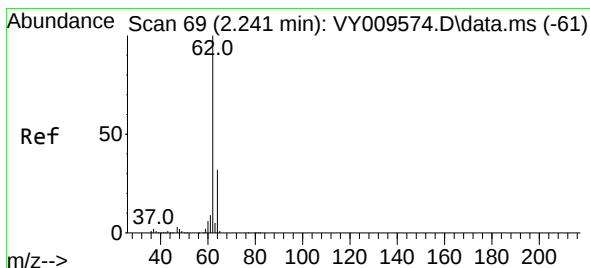
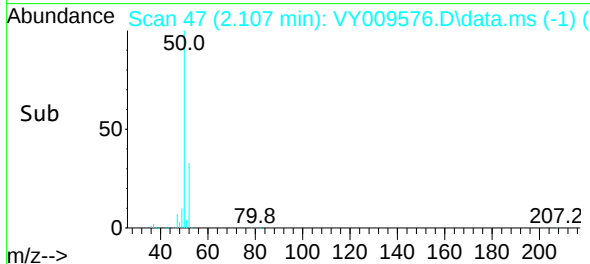
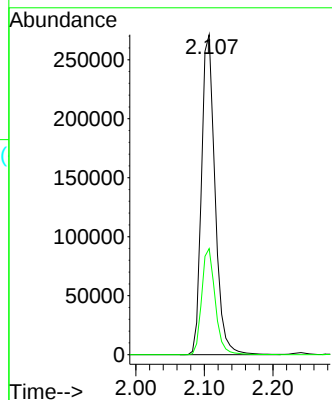
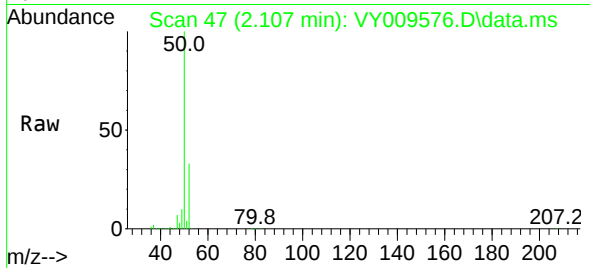




#3
Chloromethane
Concen: 137.200 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

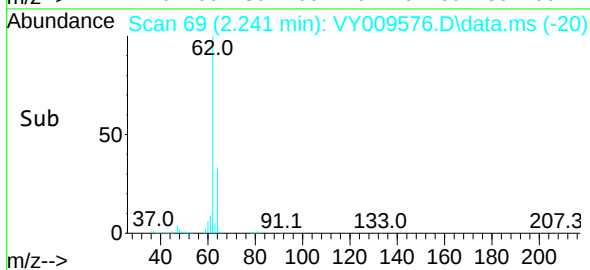
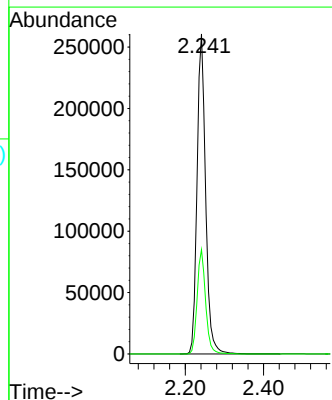
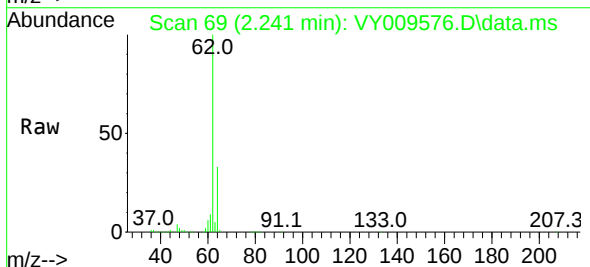
Instrument :
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ClientSampleId :
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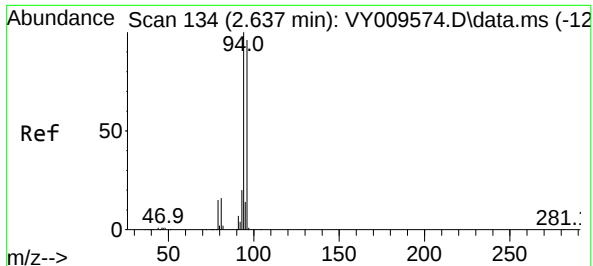
Tgt Ion: 50 Resp: 374237
Ion Ratio Lower Upper
50 100
52 33.2 24.6 37.0



#4
Vinyl Chloride
Concen: 139.900 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 62 Resp: 399057
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6

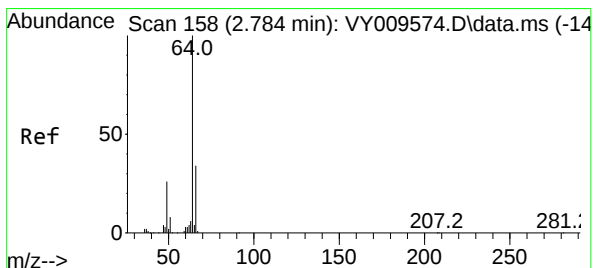
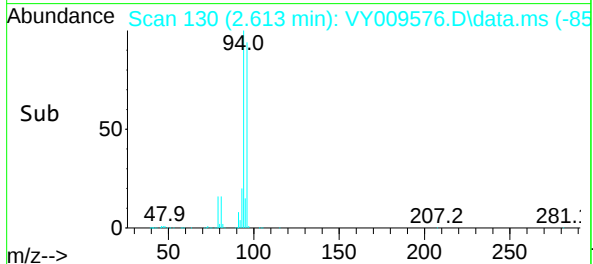
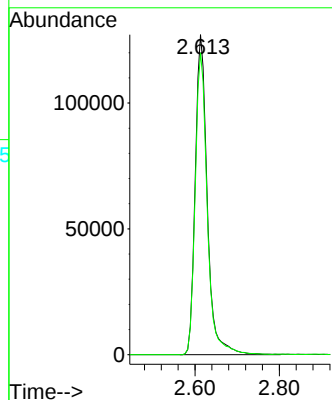
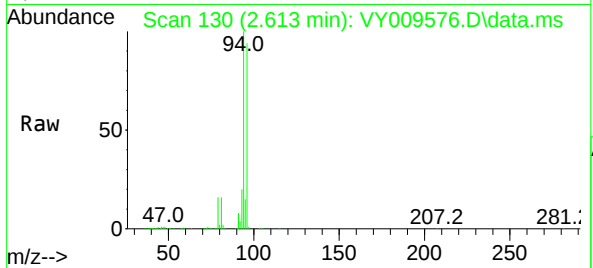




#5
Bromomethane
Concen: 130.954 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.025 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

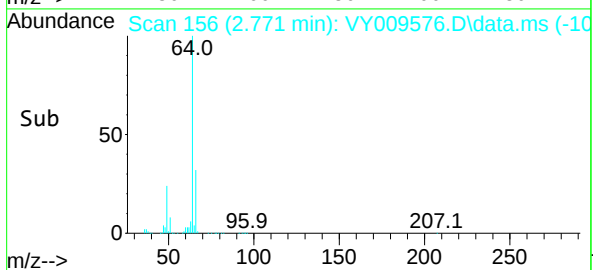
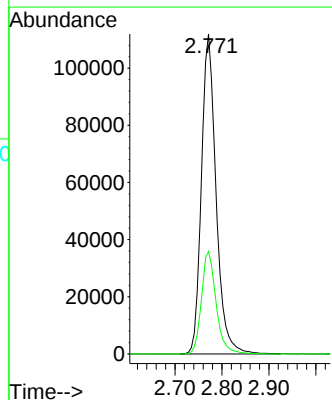
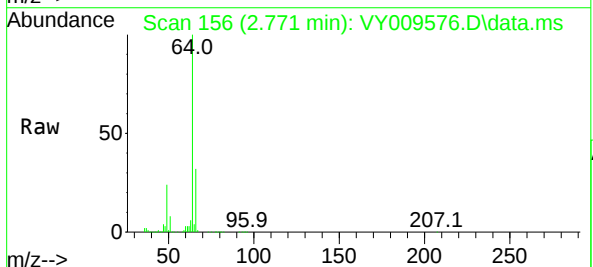
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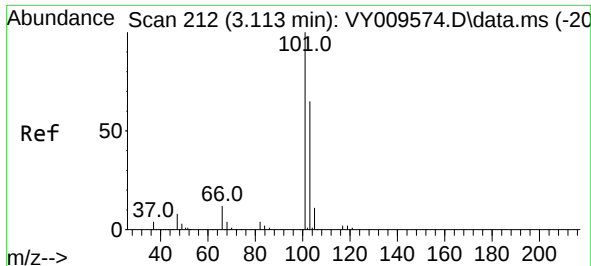
Tgt Ion: 94 Resp: 252824
Ion Ratio Lower Upper
94 100
96 94.3 73.5 110.3



#6
Chloroethane
Concen: 140.087 ug/l
RT: 2.771 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY009576.D
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Tgt Ion: 64 Resp: 242725
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0

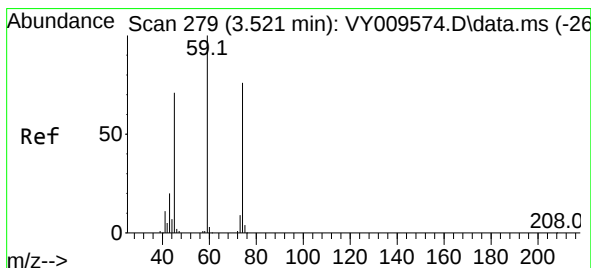
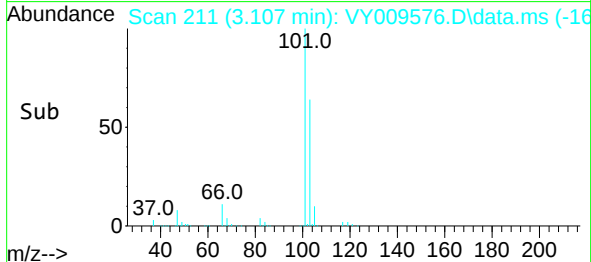
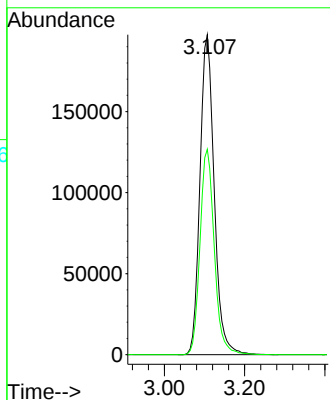
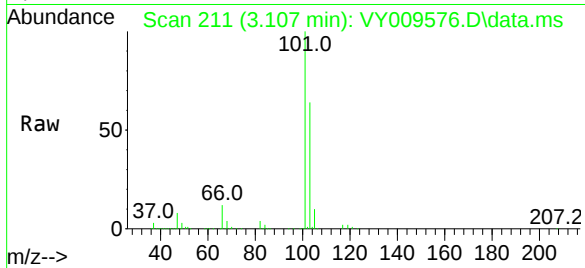




#7
Trichlorofluoromethane
Concen: 143.835 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY009576.D
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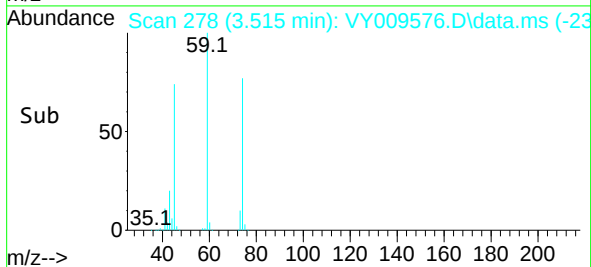
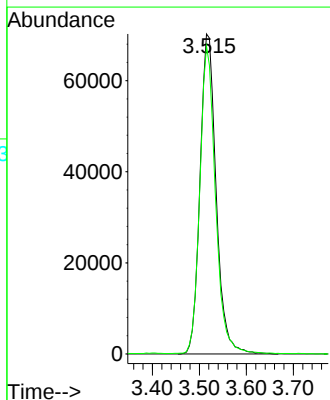
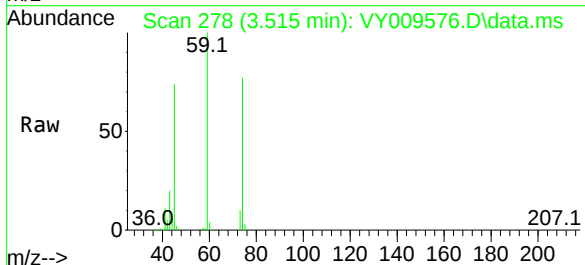
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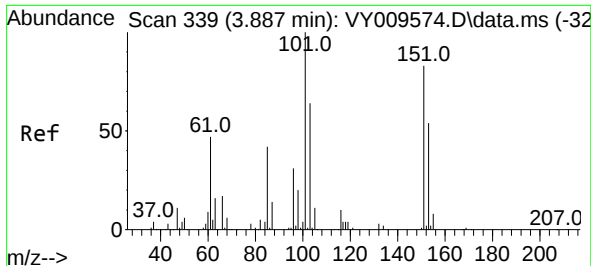
Tgt Ion:101 Resp: 486171
Ion Ratio Lower Upper
101 100
103 64.2 48.0 72.0



#8
Diethyl Ether
Concen: 151.299 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY009576.D
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Tgt Ion: 74 Resp: 167321
Ion Ratio Lower Upper
74 100
45 93.4 55.1 165.5

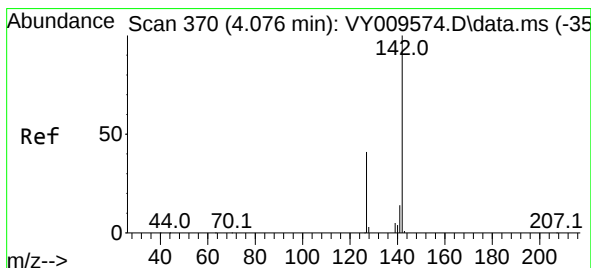
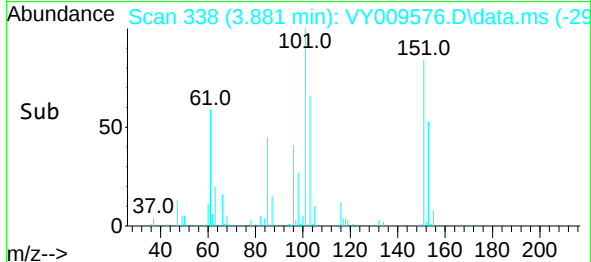
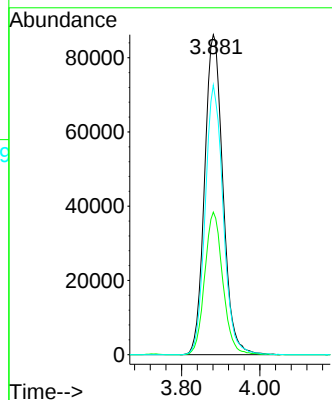
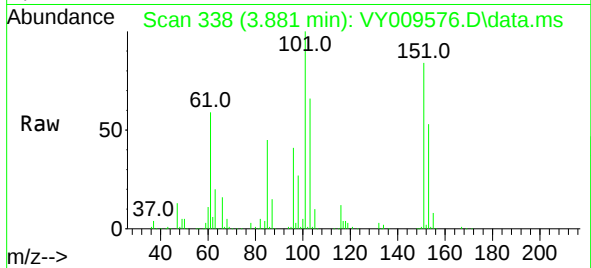




#9
1,1,2-Trichlorotrifluoroethane
Concen: 141.695 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

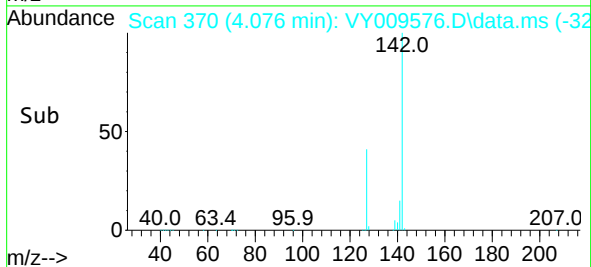
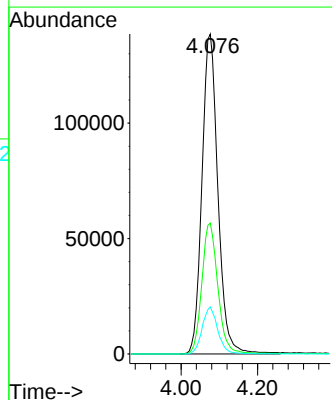
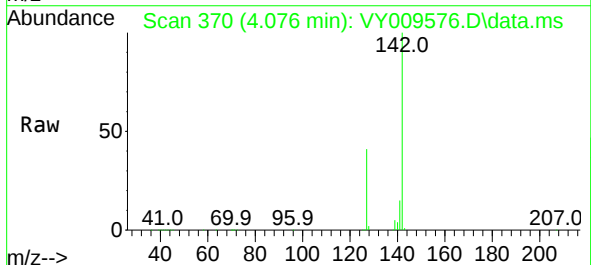
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

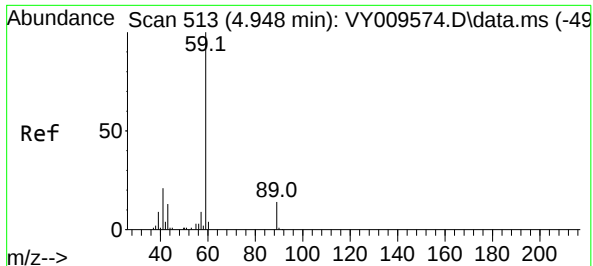
Tgt Ion:101 Resp: 280066
Ion Ratio Lower Upper
101 100
85 44.0 40.6 60.8
151 82.8 64.9 97.3



#10
Methyl Iodide
Concen: 152.824 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

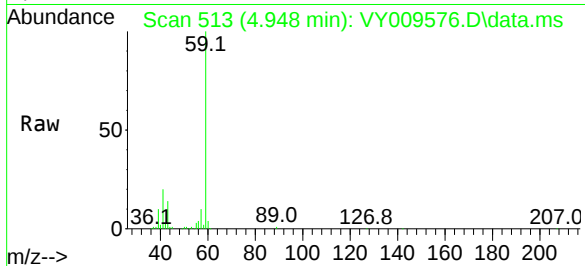
Tgt Ion:142 Resp: 401244
Ion Ratio Lower Upper
142 100
127 41.1 41.5 62.3#
141 14.3 11.9 17.9



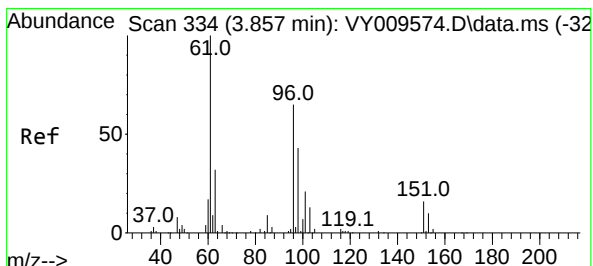
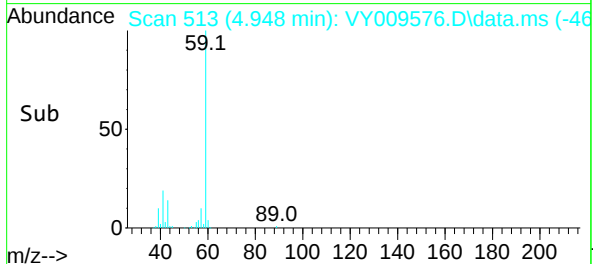
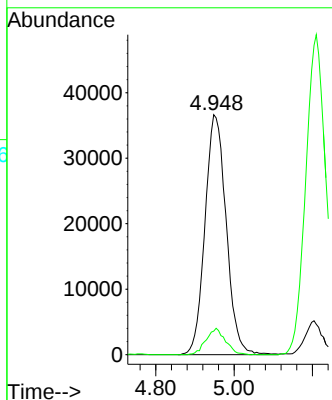


#11
Tert butyl alcohol
Concen: 589.476 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

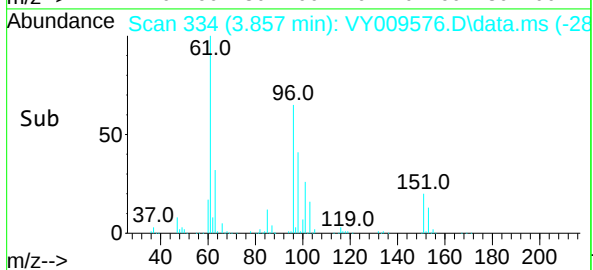
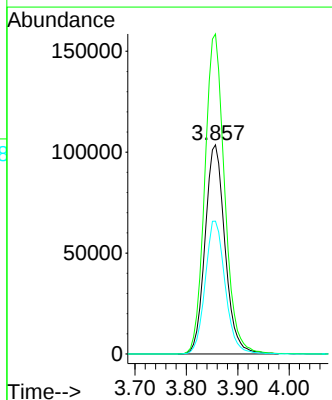
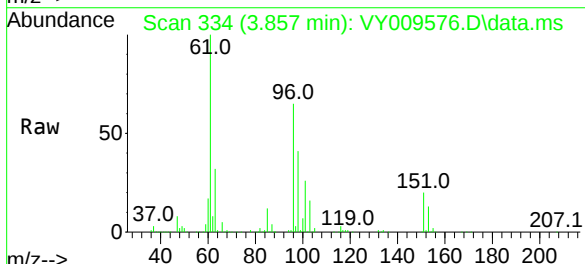


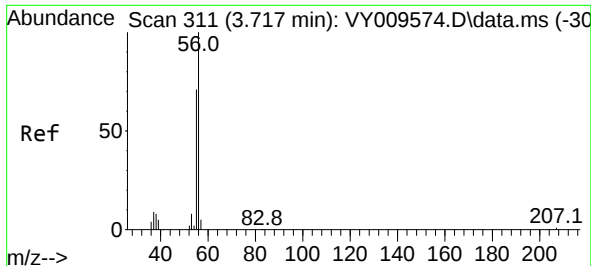
Tgt Ion: 59 Resp: 137769
Ion Ratio Lower Upper
59 100
57 10.1 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 144.563 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 96 Resp: 278870
Ion Ratio Lower Upper
96 100
61 153.0 145.8 218.6
98 63.5 52.5 78.7

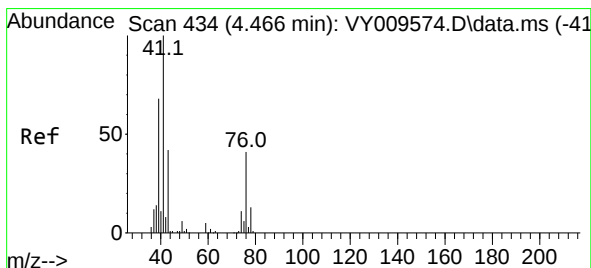
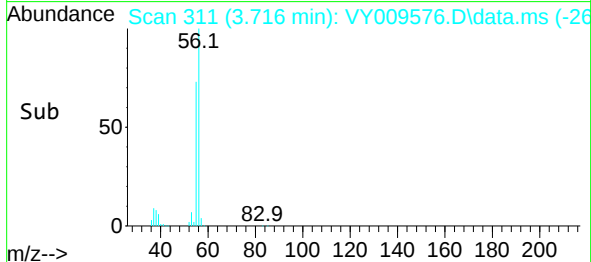
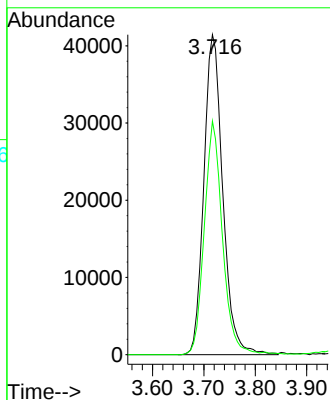
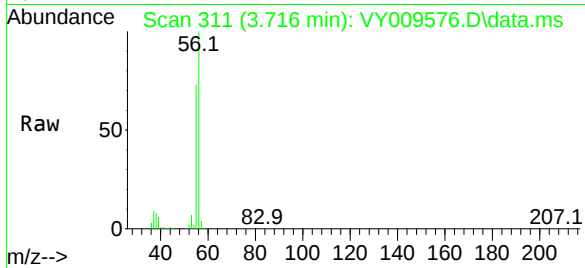




#13
Acrolein
Concen: 746.011 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

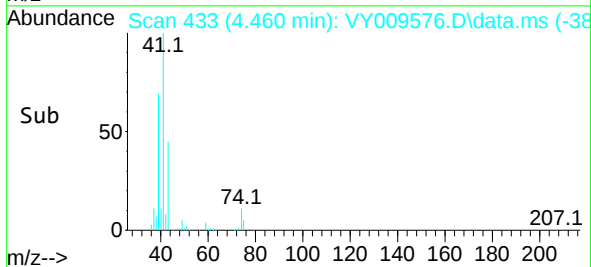
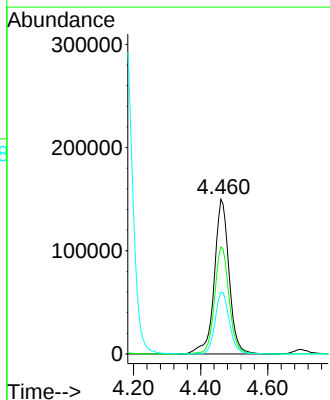
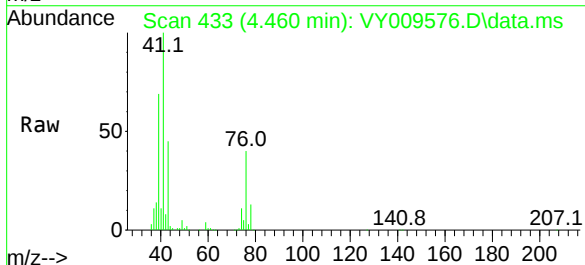
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

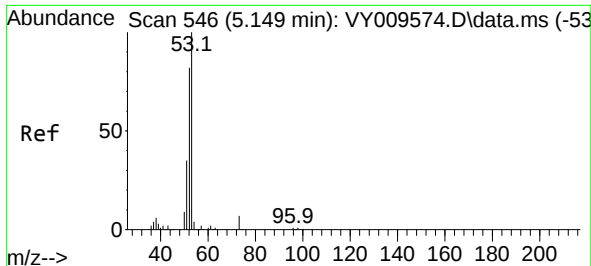
Tgt Ion: 56 Resp: 105809
Ion Ratio Lower Upper
56 100
55 69.8 57.6 86.4



#14
Allyl chloride
Concen: 153.583 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 41 Resp: 458306
Ion Ratio Lower Upper
41 100
39 67.8 58.8 88.2
76 38.6 25.1 37.7#

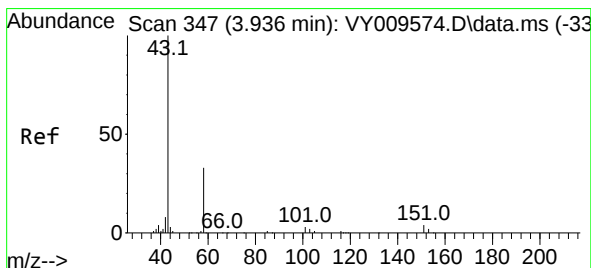
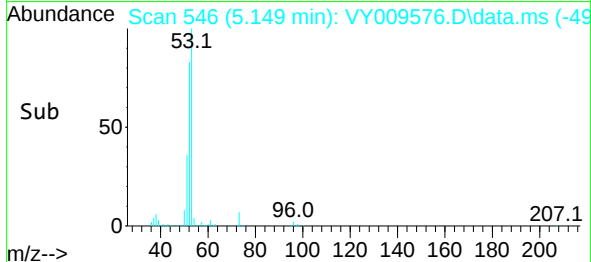
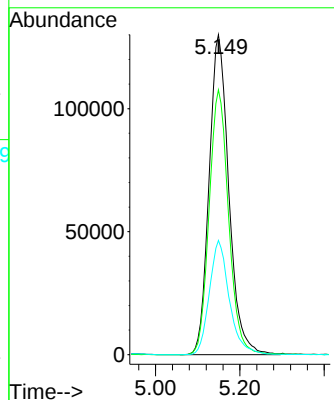
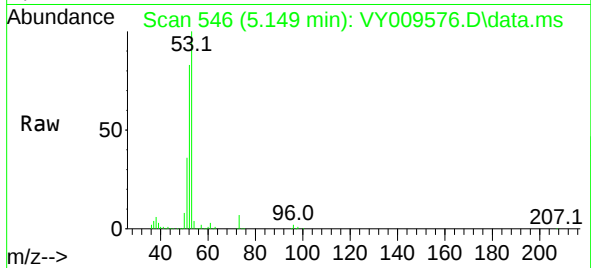




#15
Acrylonitrile
Concen: 775.165 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

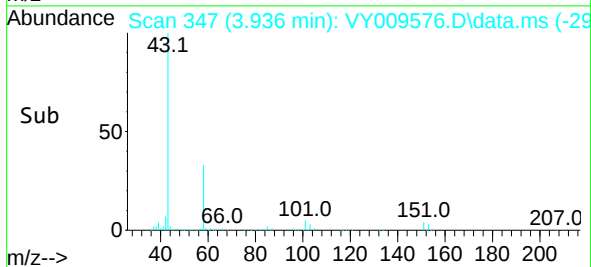
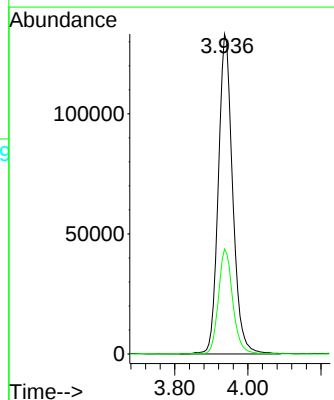
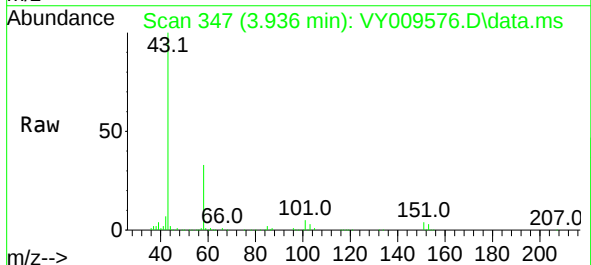
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

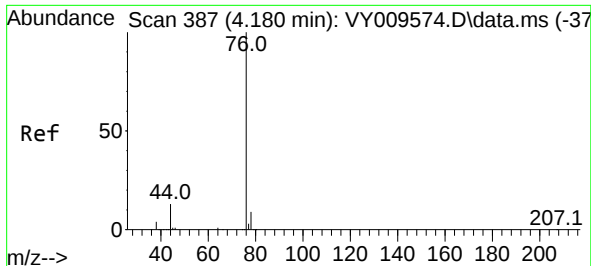
Tgt Ion: 53 Resp: 423384
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 36.2 29.8 44.6



#16
Acetone
Concen: 724.821 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 43 Resp: 363763
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0

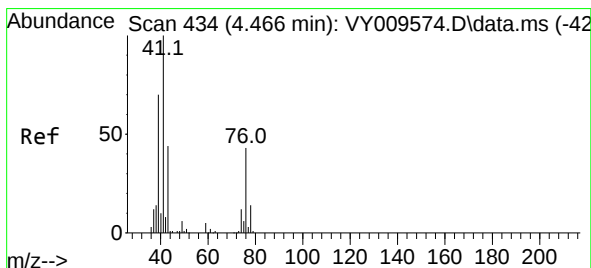
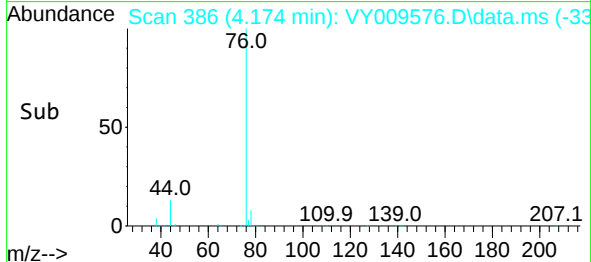
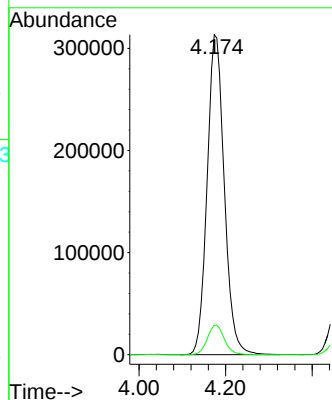
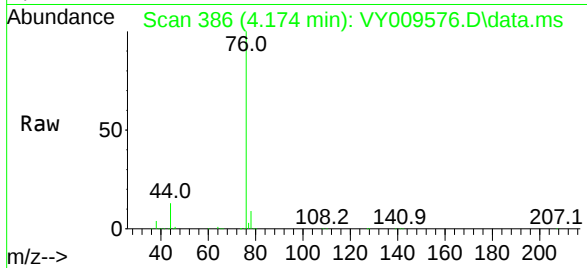




#17
Carbon Disulfide
Concen: 143.731 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

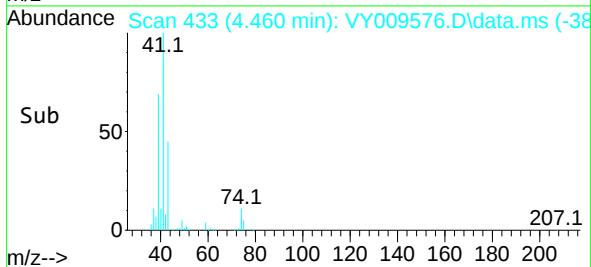
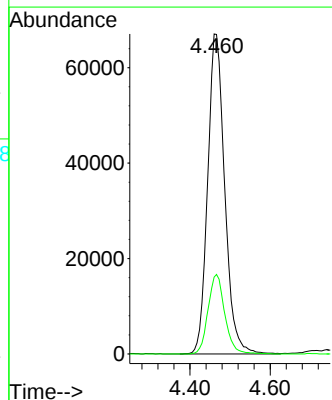
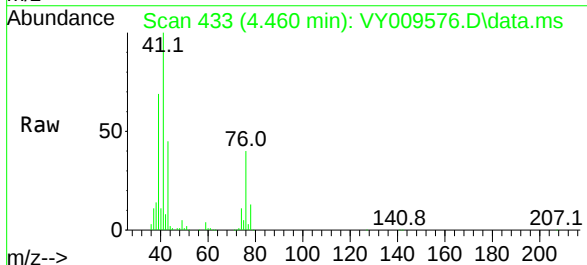
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

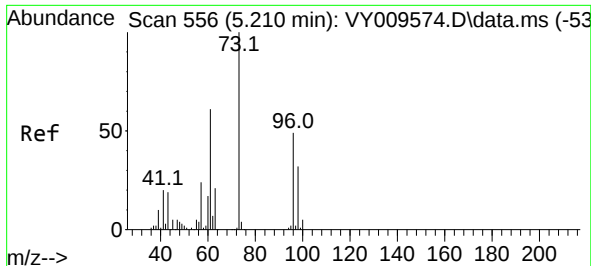
Tgt Ion: 76 Resp: 861946
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 140.717 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 43 Resp: 198236
Ion Ratio Lower Upper
43 100
74 24.3 16.6 24.8

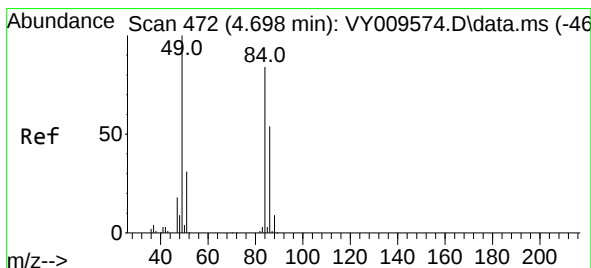
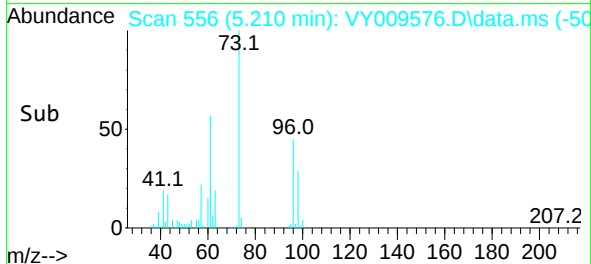
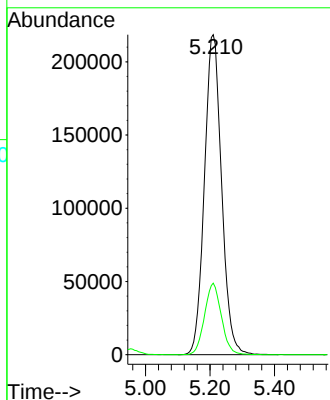
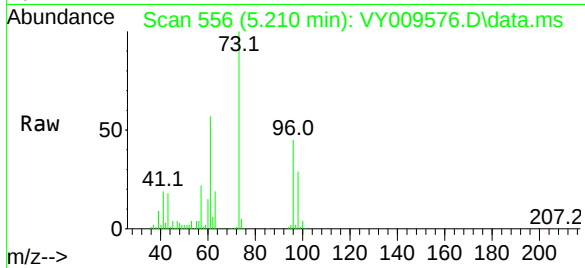




#19
Methyl tert-butyl Ether
Concen: 158.908 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

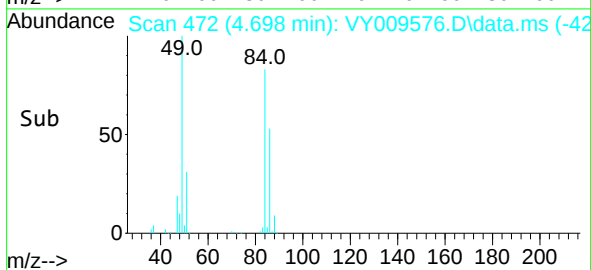
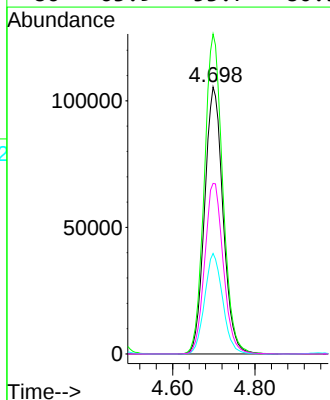
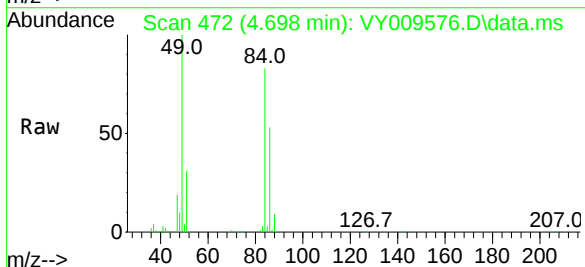
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

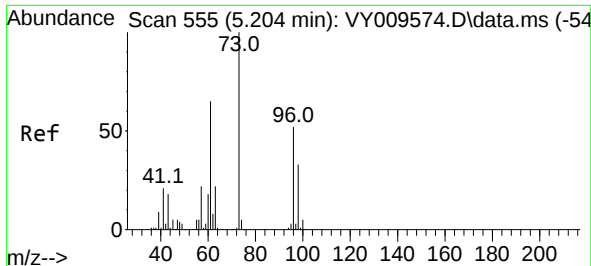
Tgt Ion: 73 Resp: 807912
Ion Ratio Lower Upper
73 100
57 22.4 18.6 27.8



#20
Methylene Chloride
Concen: 91.267 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 84 Resp: 327534
Ion Ratio Lower Upper
84 100
49 119.8 114.4 171.6
51 37.6 35.3 52.9
86 63.9 53.7 80.5

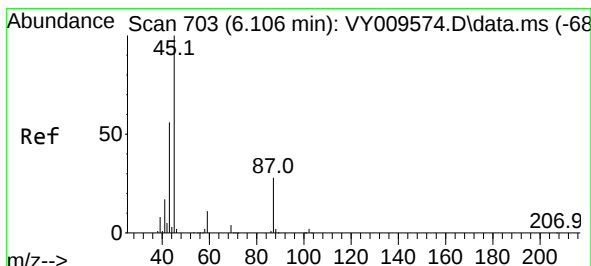
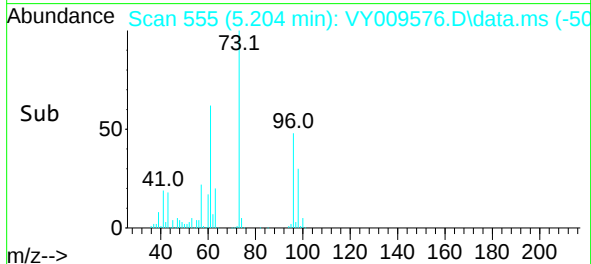
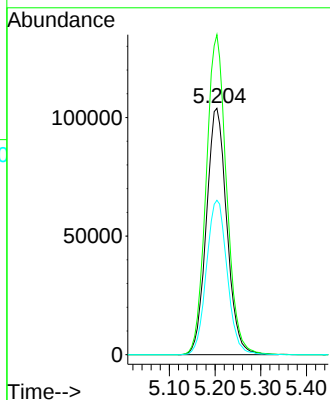
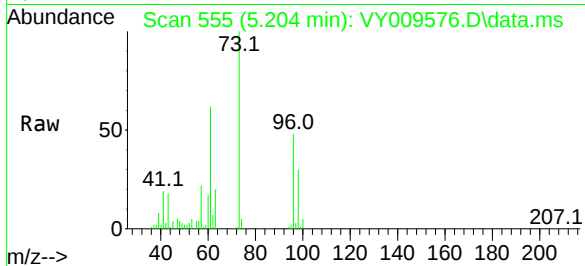




#21
trans-1,2-Dichloroethene
Concen: 147.995 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

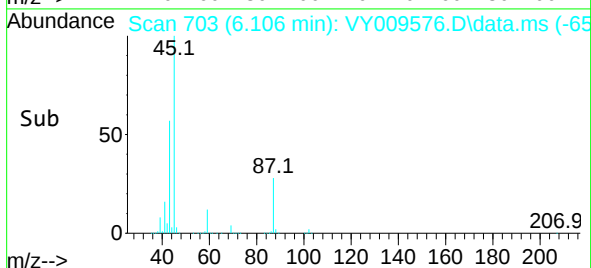
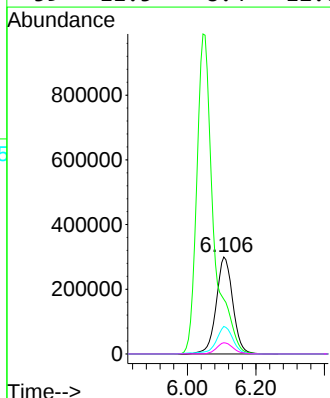
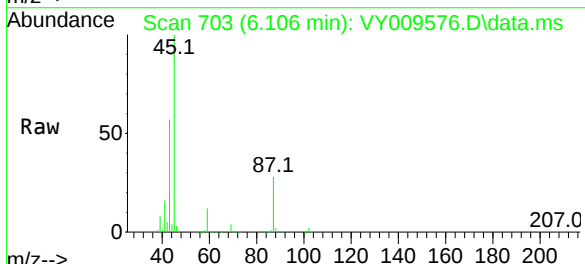
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

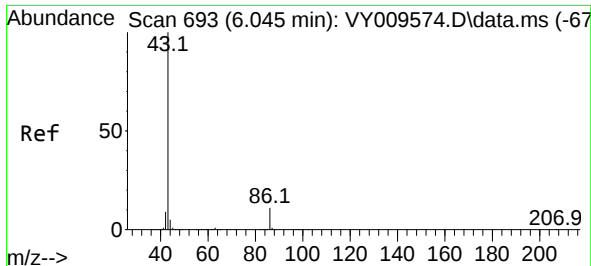
Tgt Ion: 96 Resp: 323126
Ion Ratio Lower Upper
96 100
61 129.9 120.5 180.7
98 62.7 49.8 74.8



#22
Diisopropyl ether
Concen: 156.991 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 45 Resp: 1000369
Ion Ratio Lower Upper
45 100
43 56.5 49.3 73.9
87 28.3 19.2 28.8
59 11.5 8.4 12.6

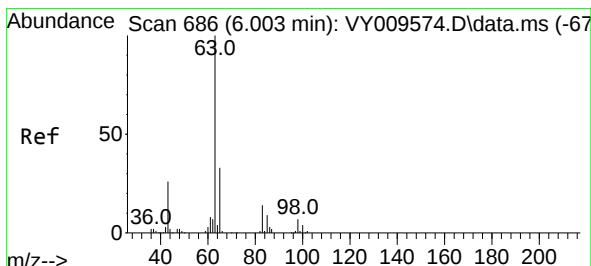
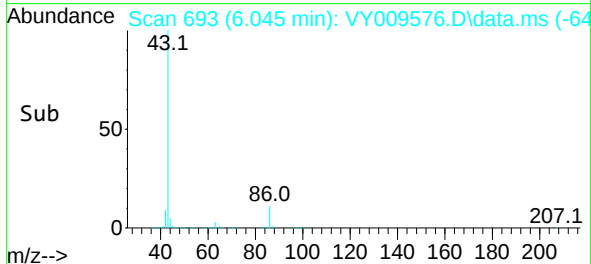
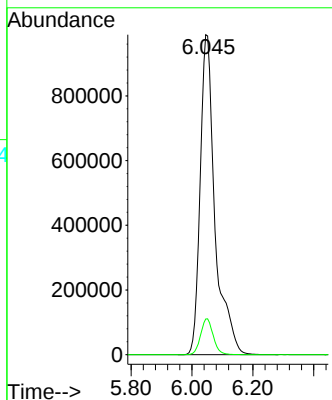
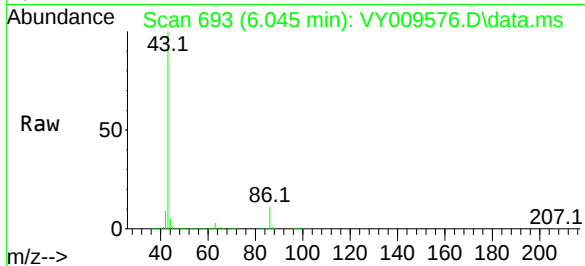




#23
 Vinyl Acetate
 Concen: 829.916 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.000 min
 Lab File: VY009576.D
 Acq: 18 Jul 2022 16:25

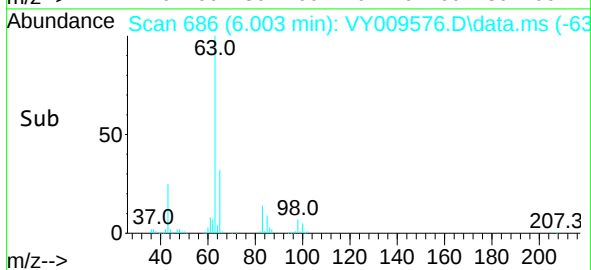
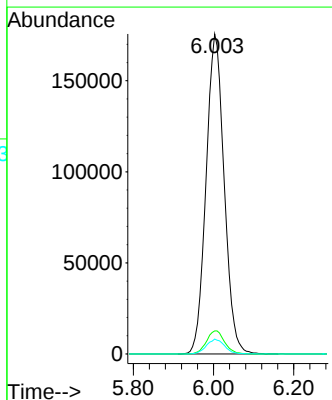
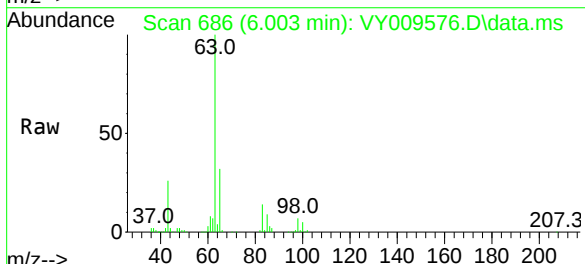
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

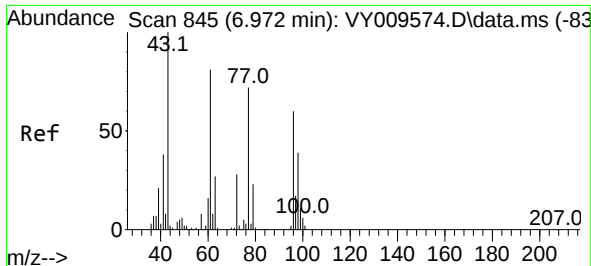
Tgt Ion: 43 Resp: 3336638
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 149.410 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009576.D
 Acq: 18 Jul 2022 16:25

Tgt Ion: 63 Resp: 549885
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.7 2.0 5.8

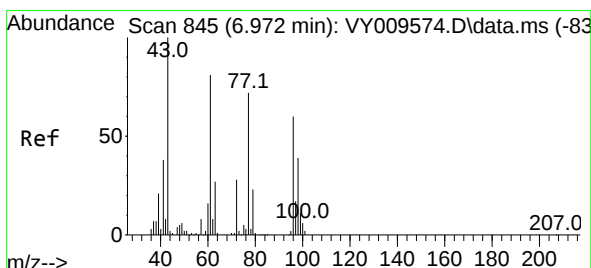
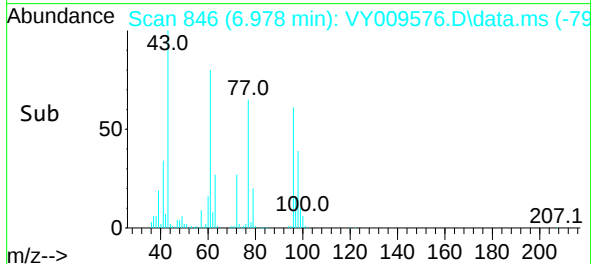
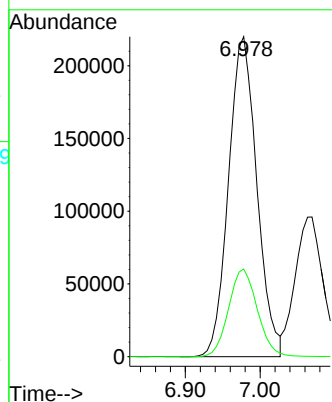
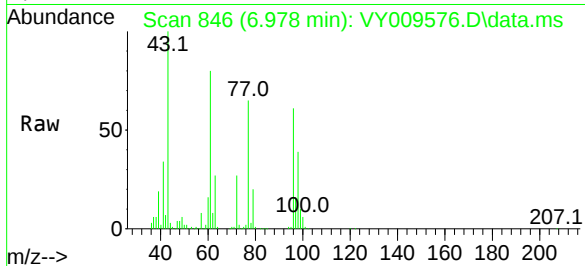




#25
2-Butanone
Concen: 792.487 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

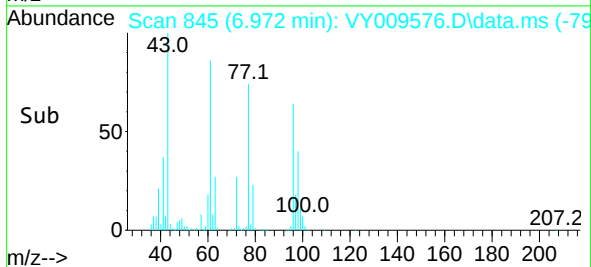
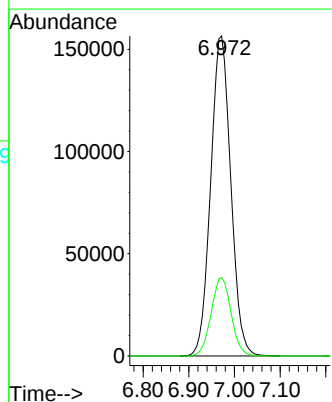
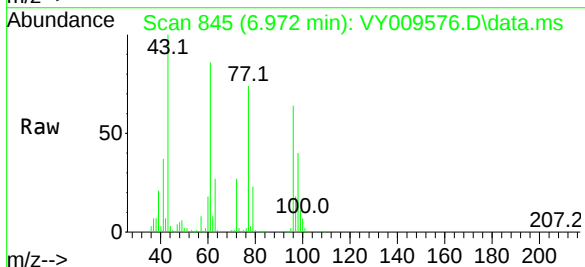
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

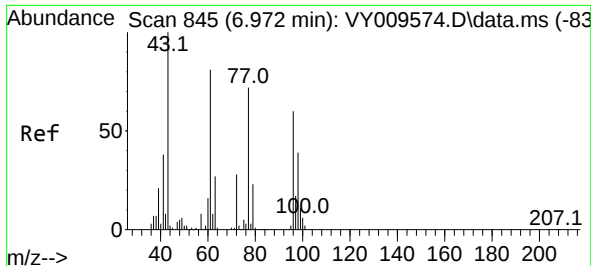
Tgt Ion: 43 Resp: 580152
Ion Ratio Lower Upper
43 100
72 27.4 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 144.992 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 77 Resp: 478039
Ion Ratio Lower Upper
77 100
97 24.3 10.4 31.4

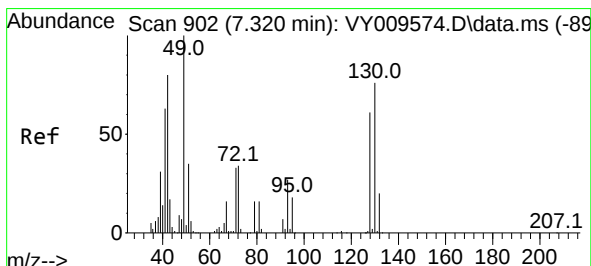
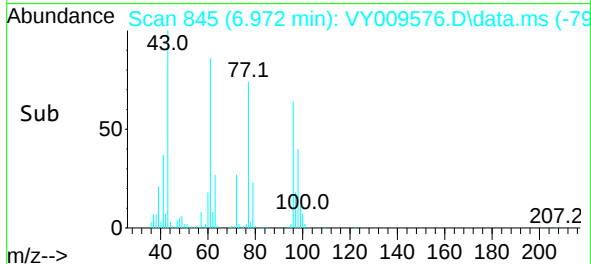
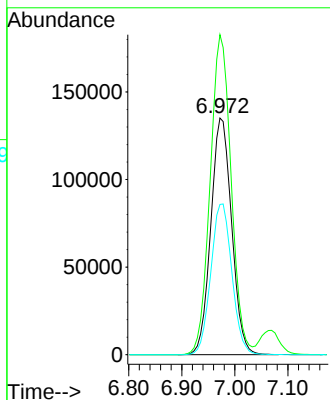
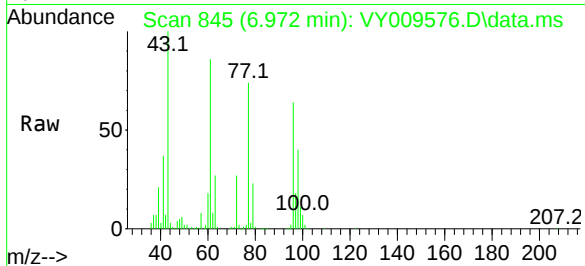




#27
 cis-1,2-Dichloroethene
 Concen: 152.842 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. -0.000 min
 Lab File: VY009576.D
 Acq: 18 Jul 2022 16:25

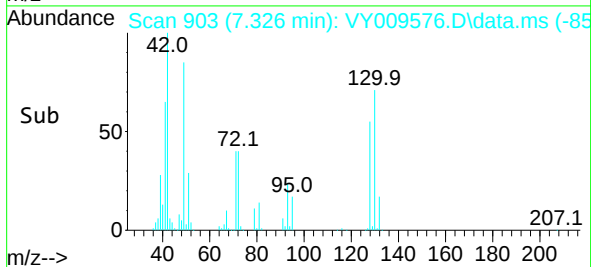
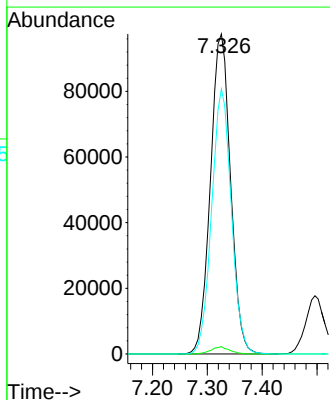
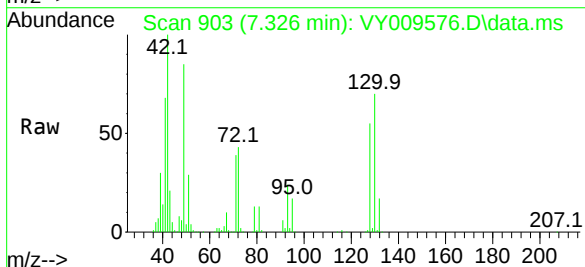
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

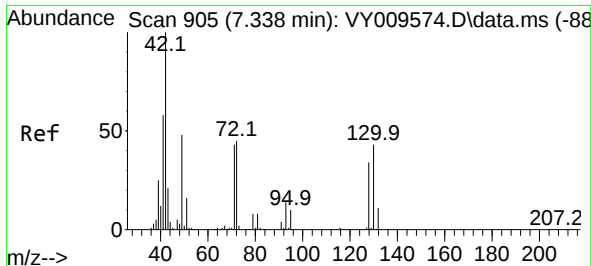
Tgt Ion: 96 Resp: 368954
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 319.8
 98 64.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 157.264 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.006 min
 Lab File: VY009576.D
 Acq: 18 Jul 2022 16:25

Tgt Ion: 49 Resp: 247991
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 2.2
 130 81.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 810.529 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

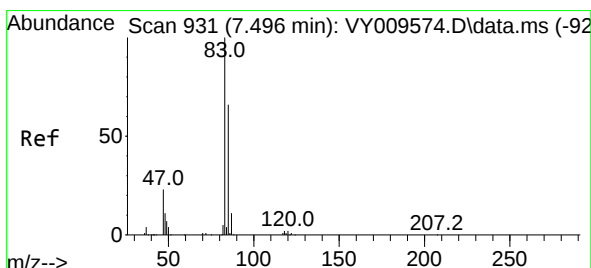
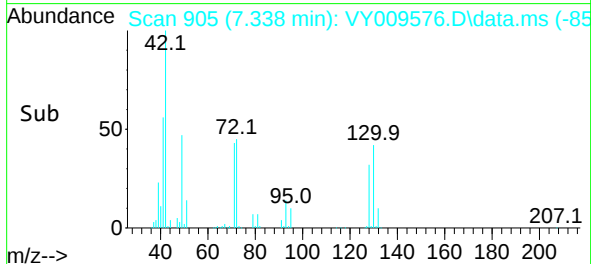
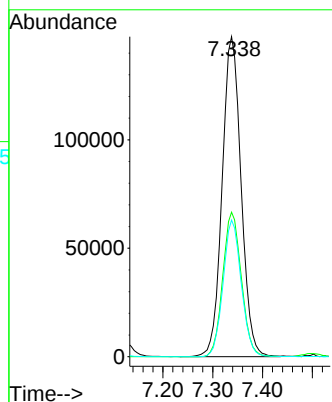
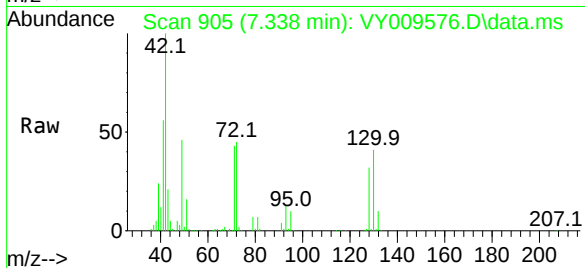
Tgt Ion: 42 Resp: 389565

Ion Ratio Lower Upper

42 100

72 44.2 30.3 45.5

71 41.0 29.0 43.4



#30

Chloroform

Concen: 148.185 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009576.D

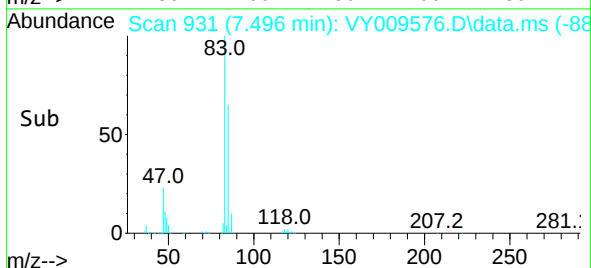
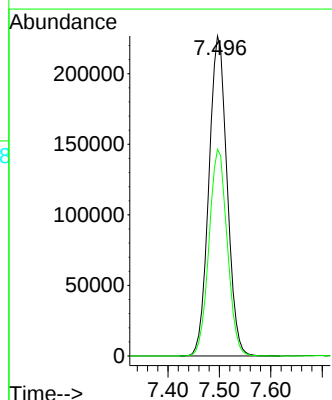
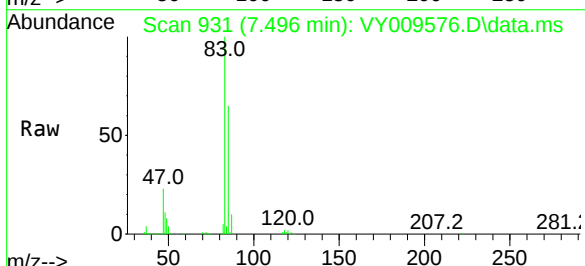
Acq: 18 Jul 2022 16:25

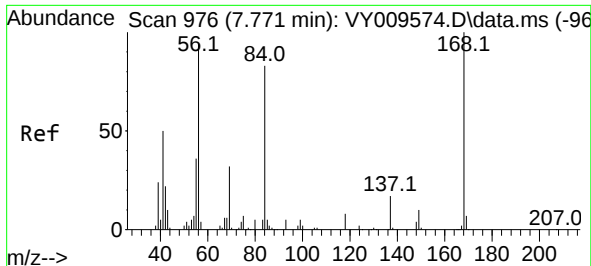
Tgt Ion: 83 Resp: 557898

Ion Ratio Lower Upper

83 100

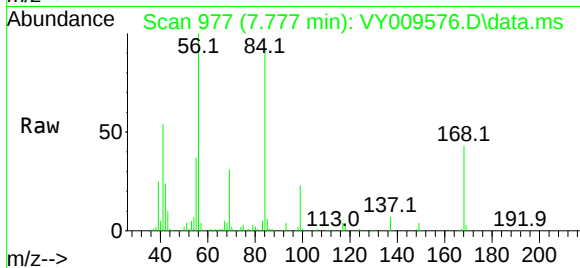
85 64.5 51.8 77.6



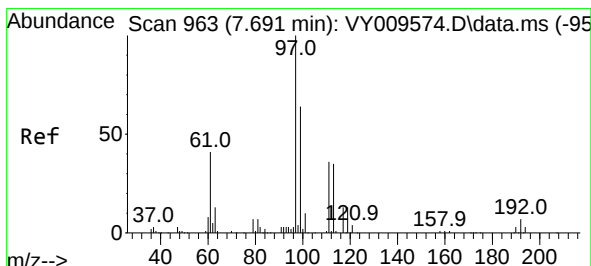
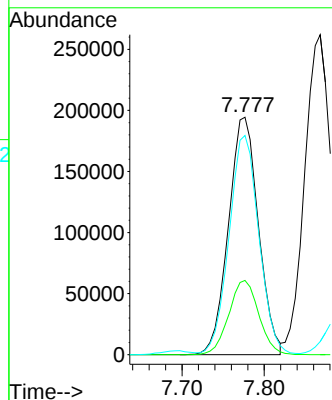
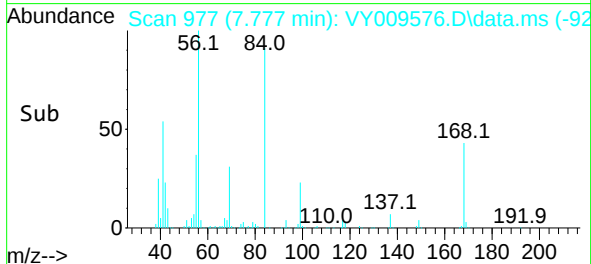


#31
Cyclohexane
Concen: 140.930 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

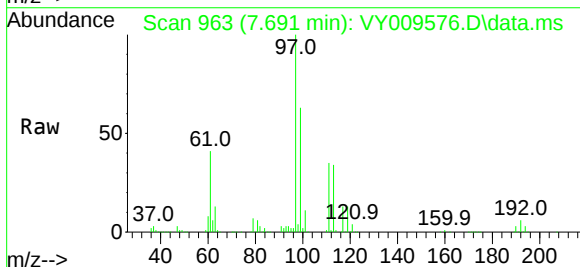
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



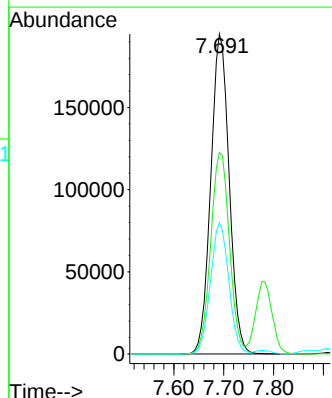
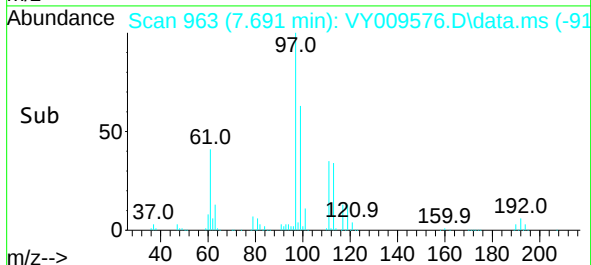
Tgt Ion: 56 Resp: 492998
Ion Ratio Lower Upper
56 100
69 31.3 26.7 40.1
84 90.7 67.2 100.8

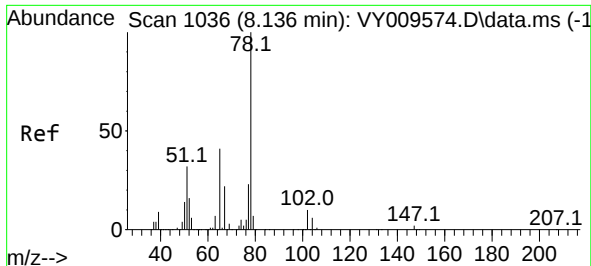


#32
1,1,1-Trichloroethane
Concen: 147.590 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25



Tgt Ion: 97 Resp: 498401
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 41.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 148.127 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

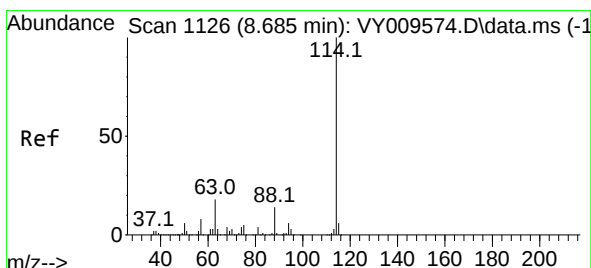
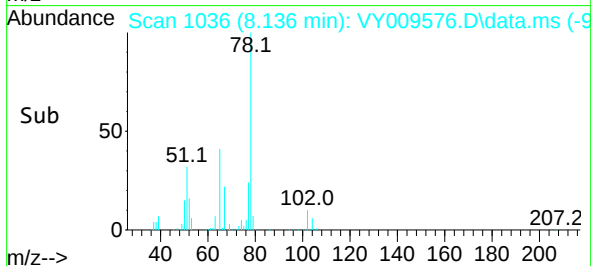
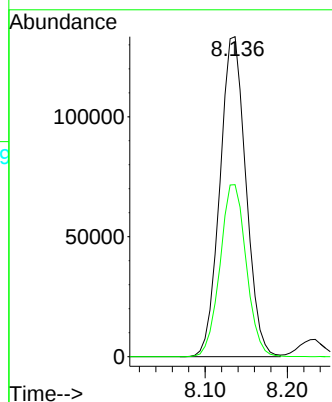
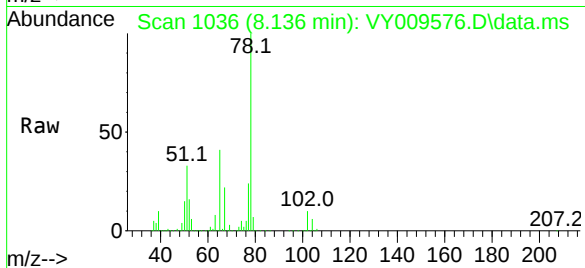
VSTDIC150

Tgt Ion: 65 Resp: 293869

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

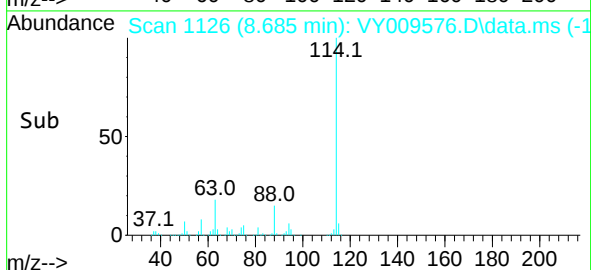
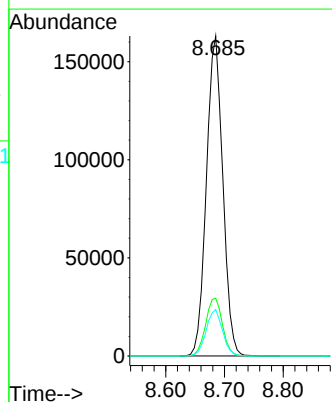
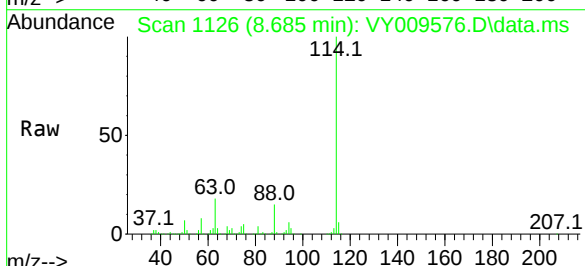
Tgt Ion: 114 Resp: 315457

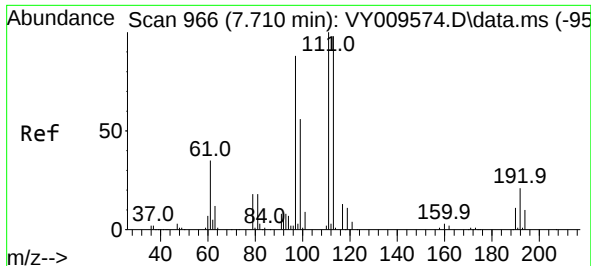
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.5 0.0 31.8

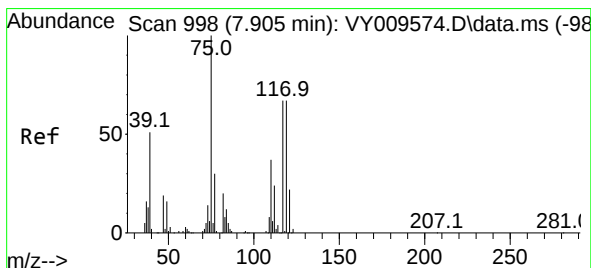
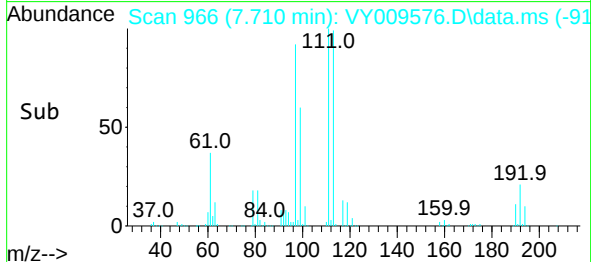
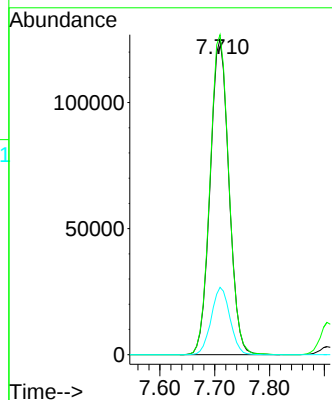
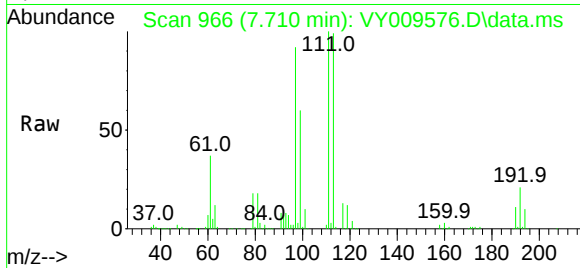




#35
Dibromofluoromethane
Concen: 149.550 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

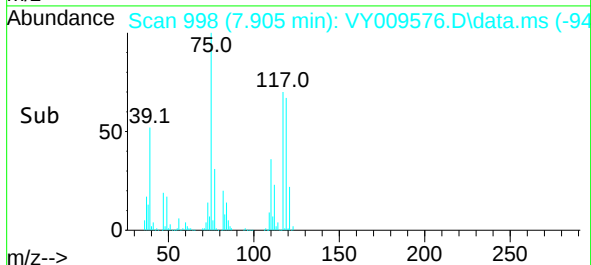
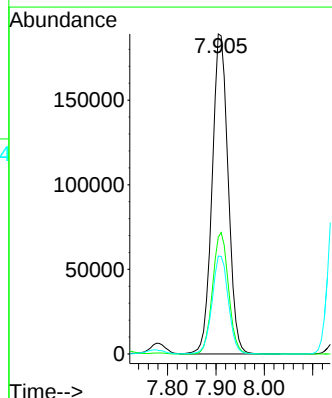
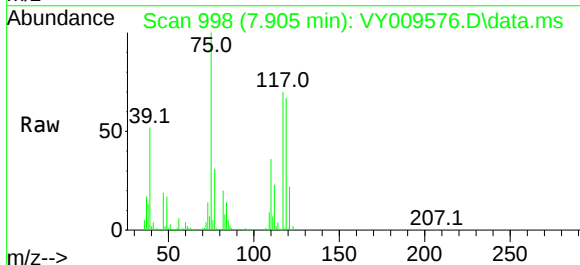
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

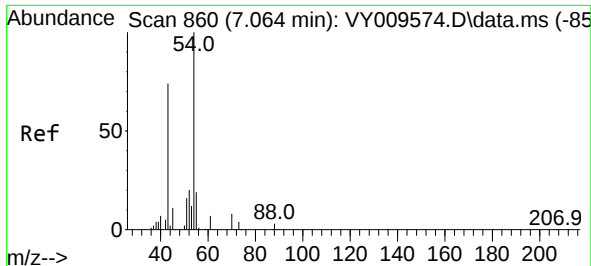
Tgt Ion:113 Resp: 297211
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 21.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 148.144 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 75 Resp: 435068
Ion Ratio Lower Upper
75 100
110 37.6 17.1 51.2
77 31.2 24.4 36.6

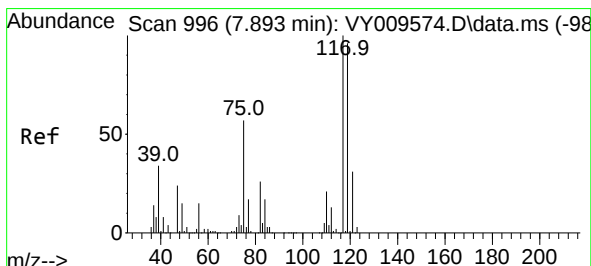
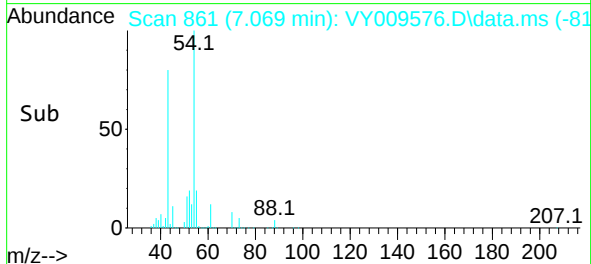
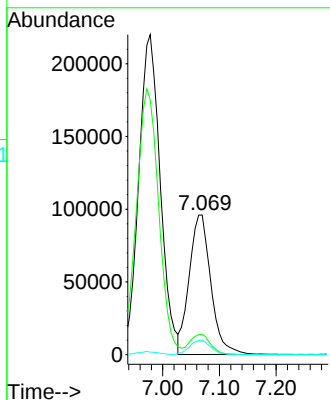
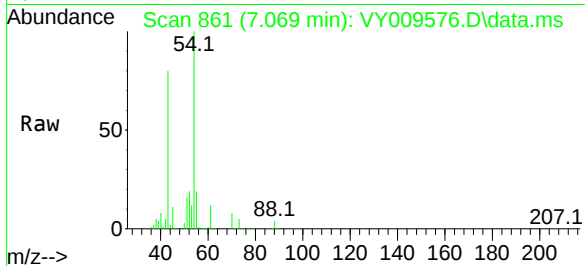




#37
Ethyl Acetate
Concen: 155.824 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

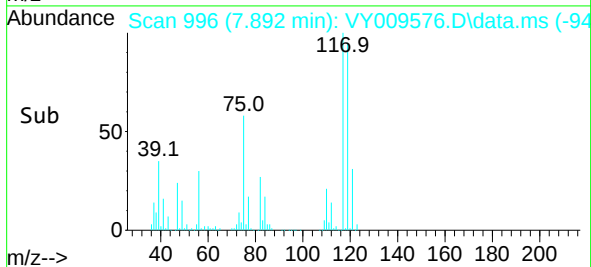
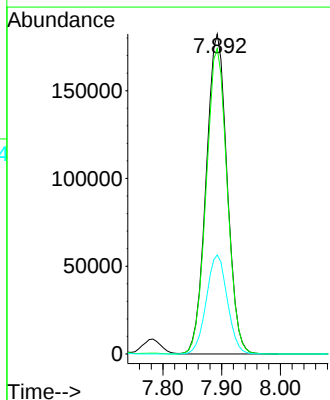
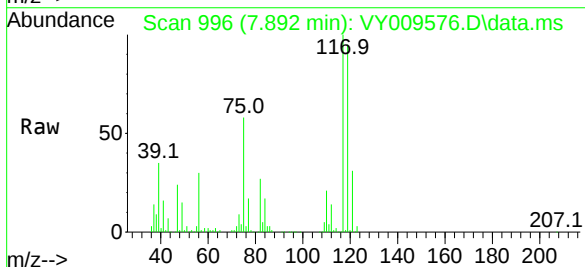
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

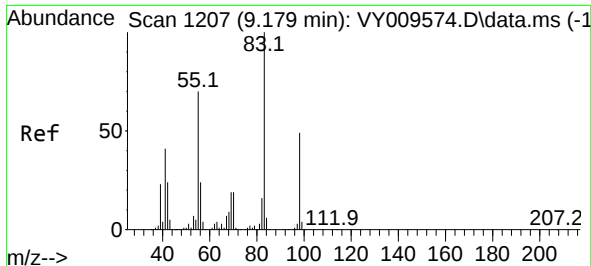
Tgt Ion: 43 Resp: 254695
Ion Ratio Lower Upper
43 100
61 14.3 9.7 14.5
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 147.018 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 117 Resp: 451974
Ion Ratio Lower Upper
117 100
119 95.4 77.9 116.9
121 30.9 24.8 37.2

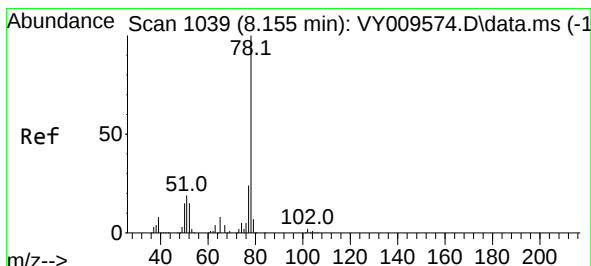
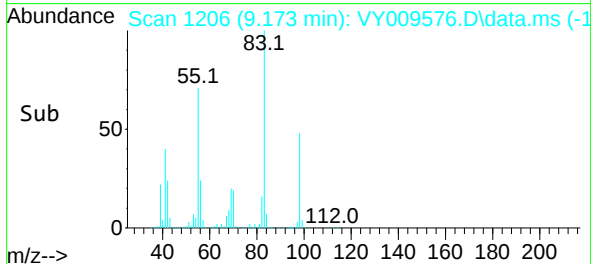
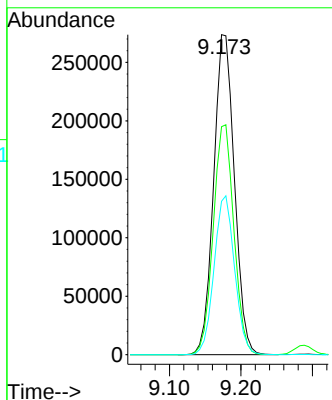
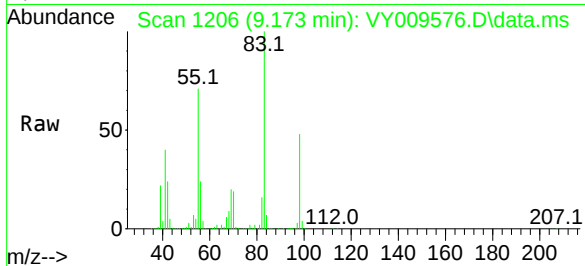




#39
Methylcyclohexane
Concen: 152.387 ug/l
RT: 9.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

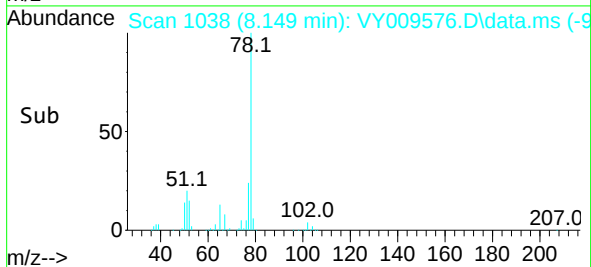
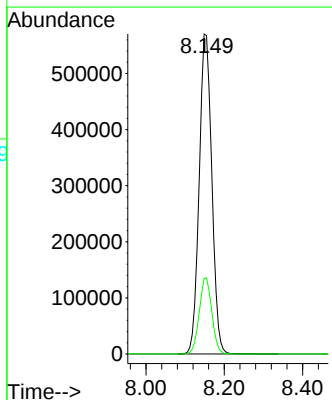
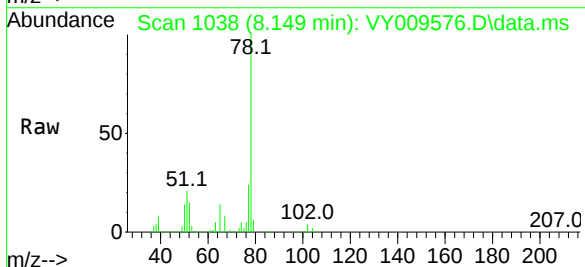
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

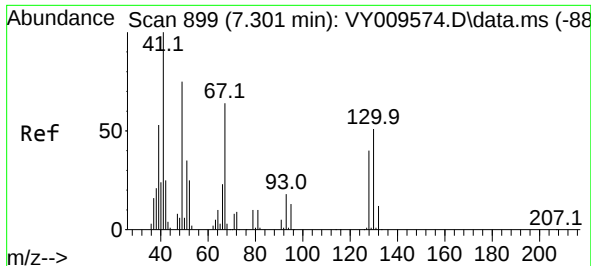
Tgt Ion: 83 Resp: 551818
Ion Ratio Lower Upper
83 100
55 71.3 66.5 99.7
98 47.9 37.9 56.9



#40
Benzene
Concen: 148.727 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 78 Resp: 1278058
Ion Ratio Lower Upper
78 100
77 23.7 20.4 30.6

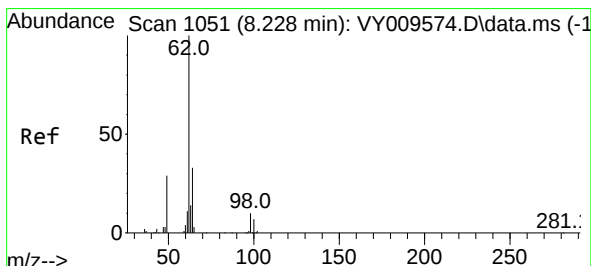
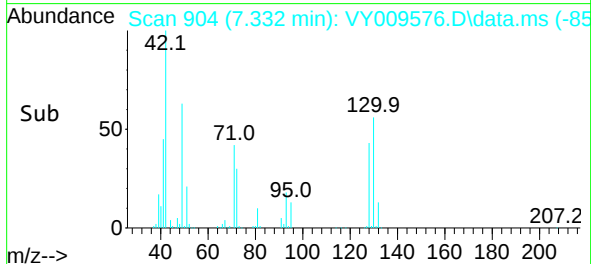
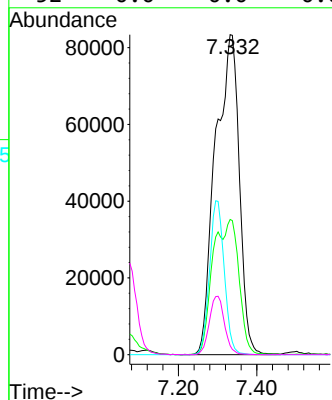
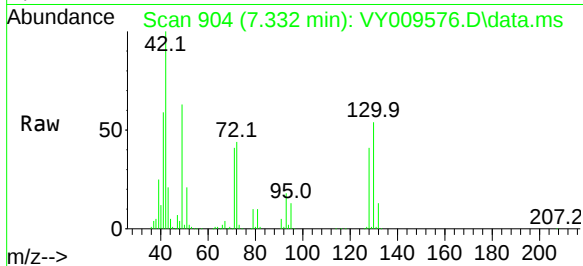




#41
Methacrylonitrile
Concen: 434.150 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

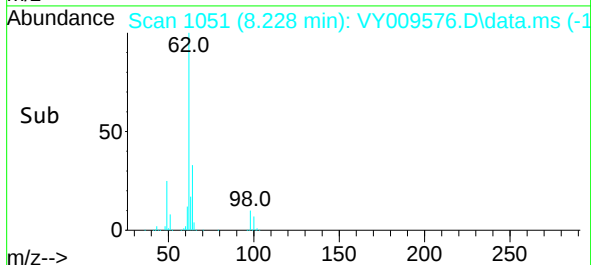
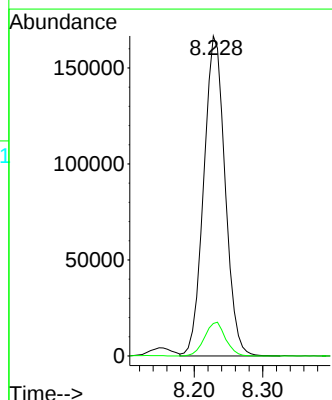
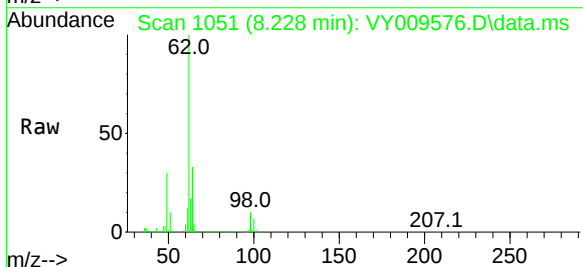
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

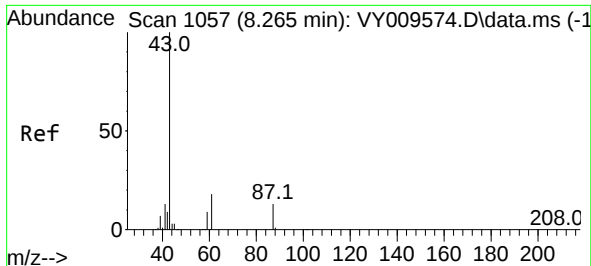
Tgt Ion: 41 Resp: 351707
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 149.810 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 62 Resp: 361140
Ion Ratio Lower Upper
62 100
98 10.3 0.0 14.8

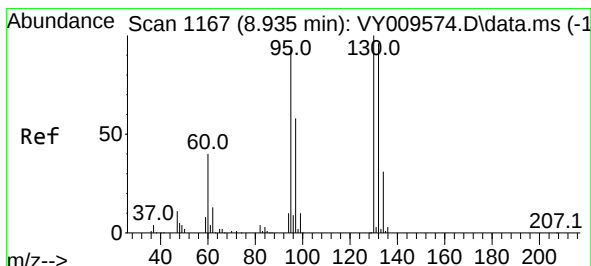
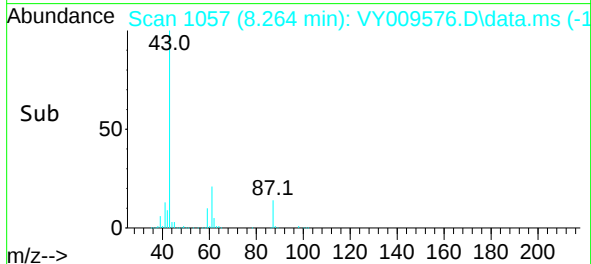
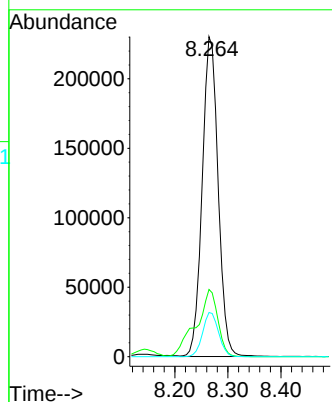
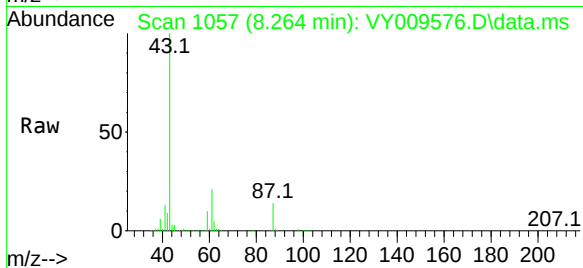




#43
Isopropyl Acetate
Concen: 160.240 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

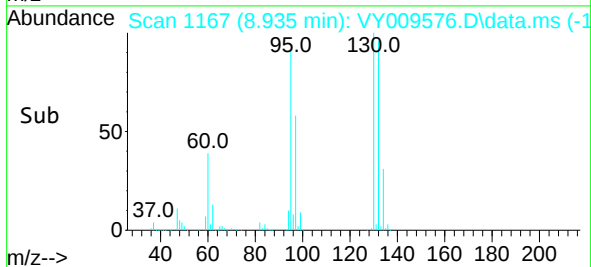
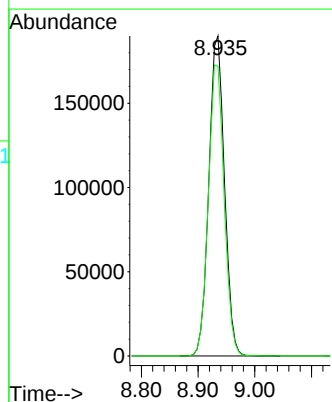
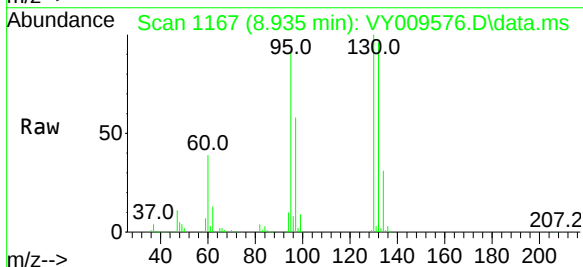
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

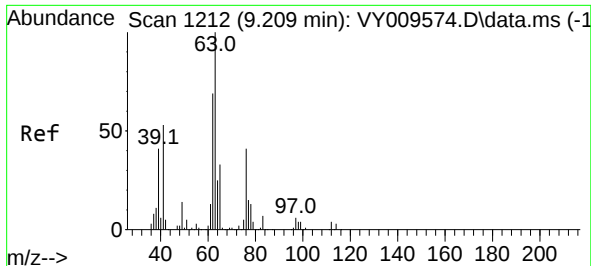
Tgt Ion: 43 Resp: 479922
Ion Ratio Lower Upper
43 100
61 28.7 20.2 30.2
87 13.8 8.9 13.3#



#44
Trichloroethene
Concen: 148.837 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion:130 Resp: 363746
Ion Ratio Lower Upper
130 100
95 90.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 150.760 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

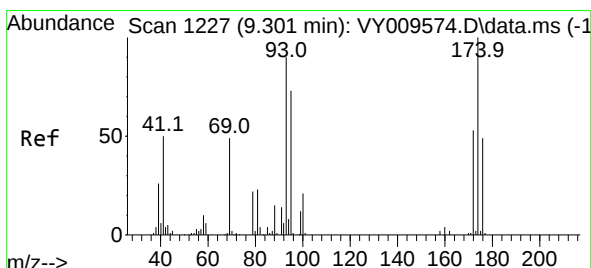
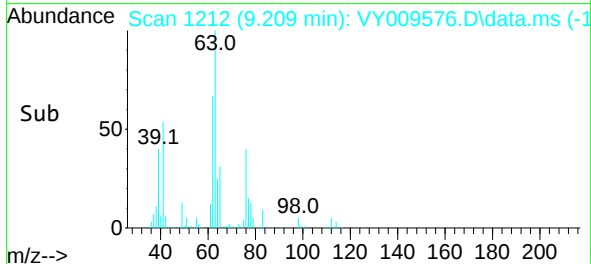
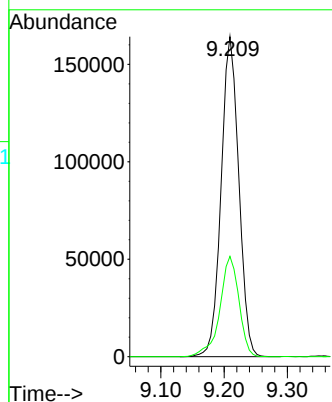
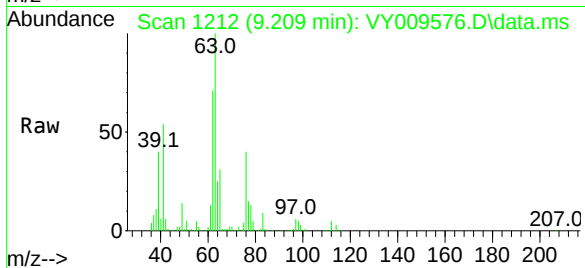
VSTDIC150

Tgt Ion: 63 Resp: 317849

Ion Ratio Lower Upper

63 100

65 31.4 23.0 34.6



#46

Dibromomethane

Concen: 153.767 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

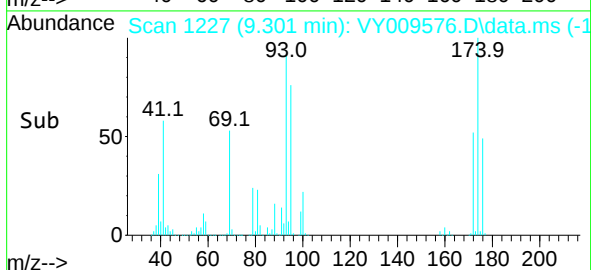
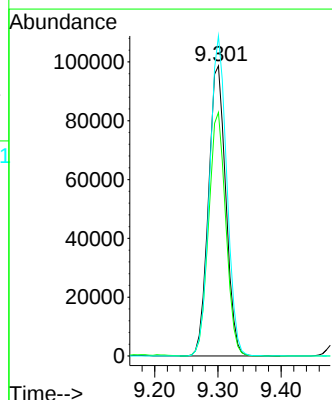
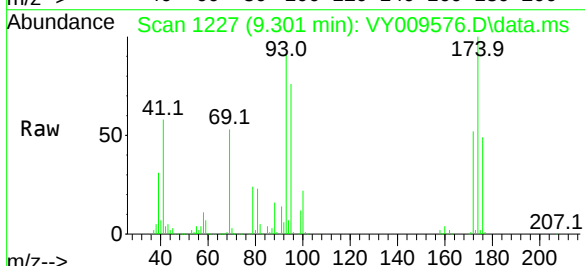
Tgt Ion: 93 Resp: 188285

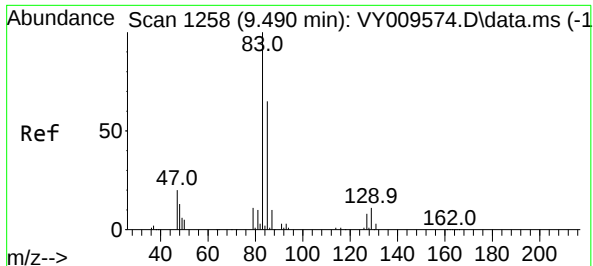
Ion Ratio Lower Upper

93 100

95 83.0 64.3 96.5

174 108.9 83.4 125.0





#47

Bromodichloromethane

Concen: 152.877 ug/l

RT: 9.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

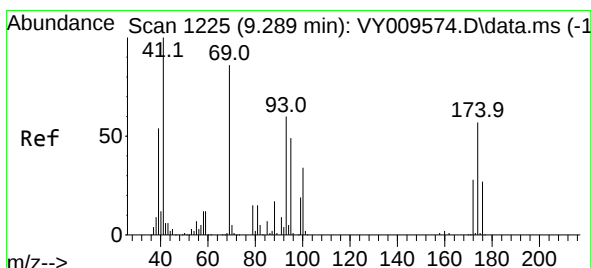
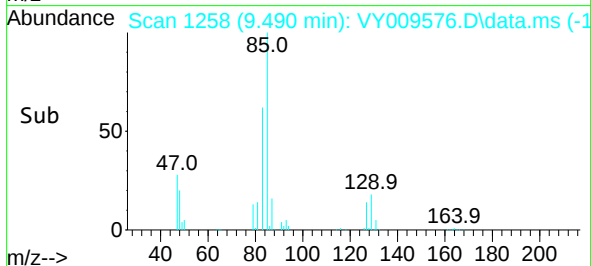
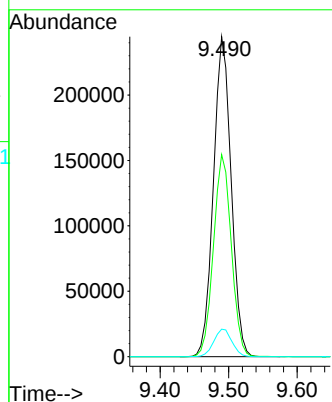
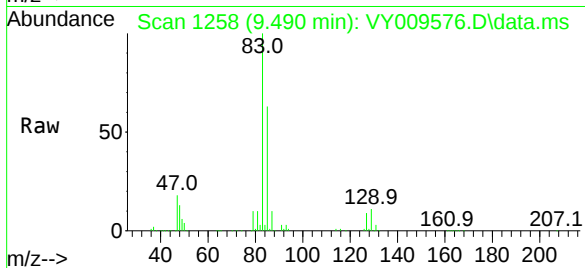
Tgt Ion: 83 Resp: 438947

Ion Ratio Lower Upper

83 100

85 63.2 51.9 77.9

127 8.6 6.6 10.0



#48

Methyl methacrylate

Concen: 165.328 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

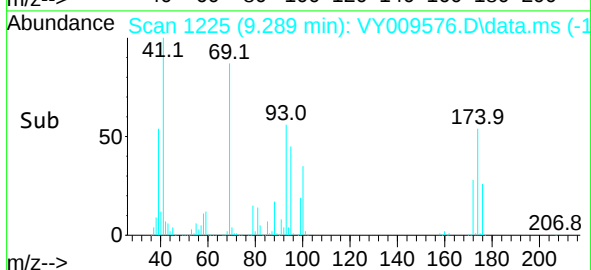
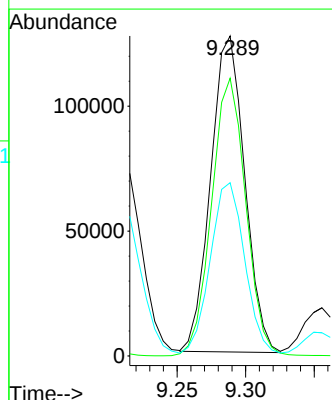
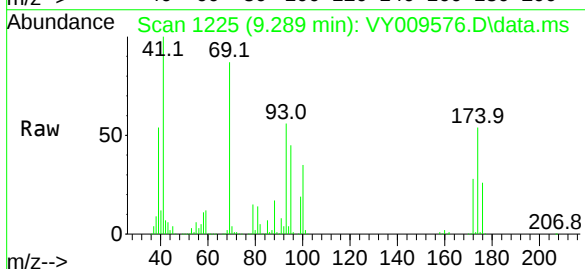
Tgt Ion: 41 Resp: 218770

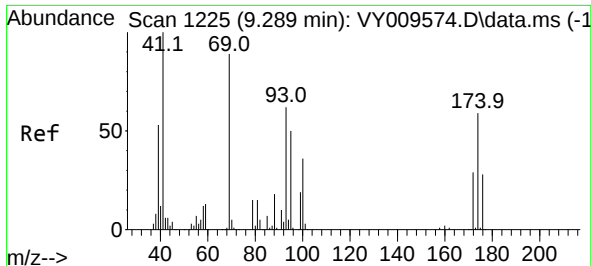
Ion Ratio Lower Upper

41 100

69 88.5 58.2 87.2#

39 54.4 47.4 71.0





#49

1,4-Dioxane

Concen: 3179.727 ug/l

RT: 9.295 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

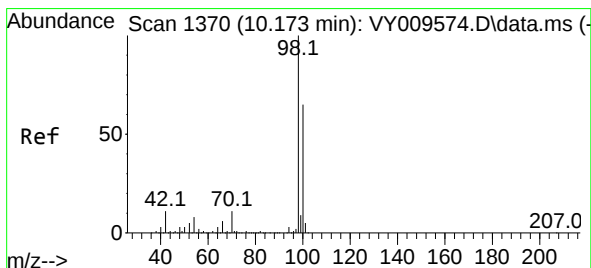
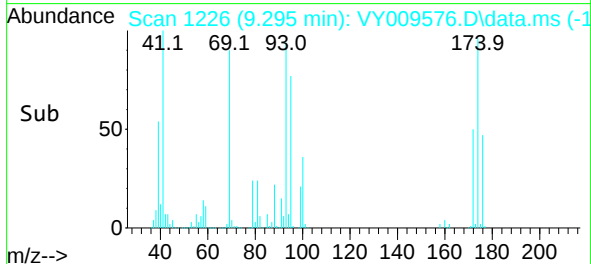
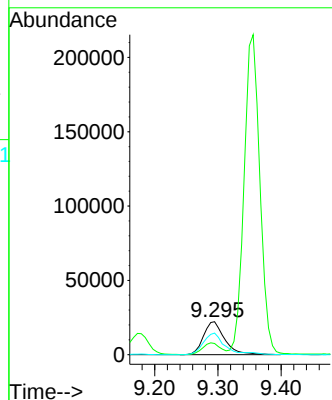
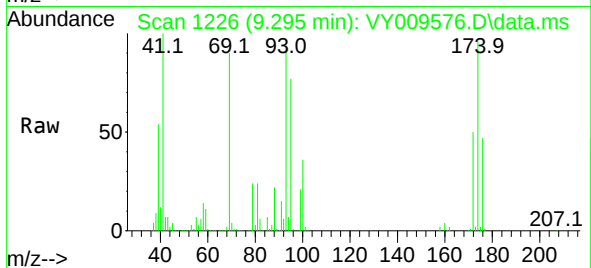
Tgt Ion: 88 Resp: 51899

Ion Ratio Lower Upper

88 100

43 30.1 32.8 49.2#

58 67.6 59.8 89.6



#50

Toluene-d8

Concen: 150.648 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009576.D

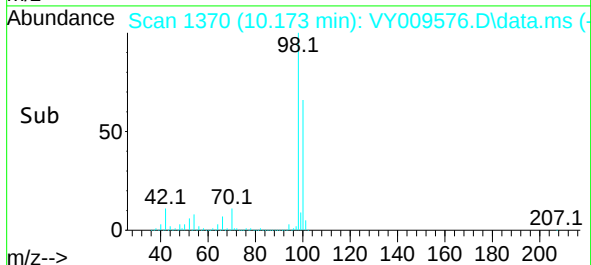
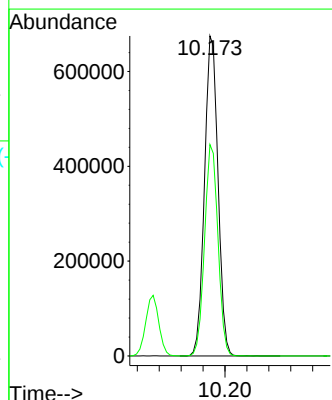
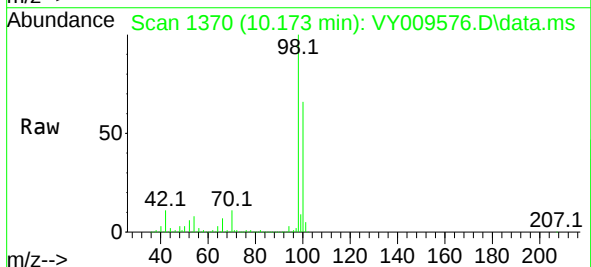
Acq: 18 Jul 2022 16:25

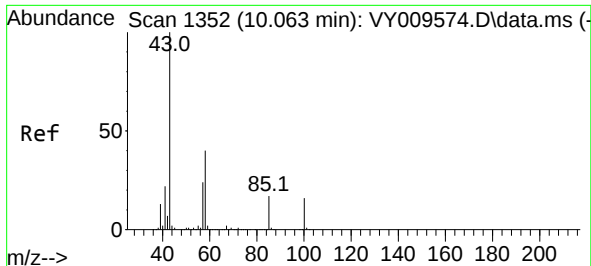
Tgt Ion: 98 Resp: 1150953

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

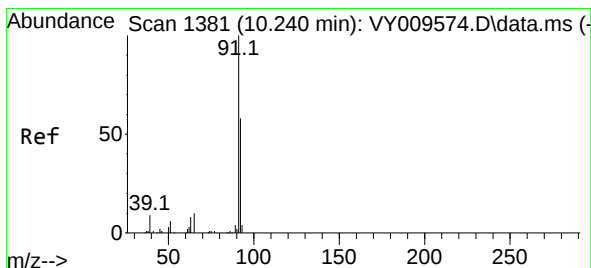
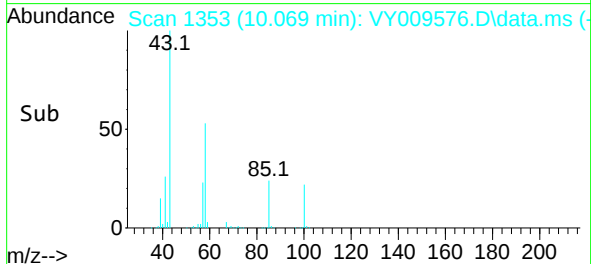
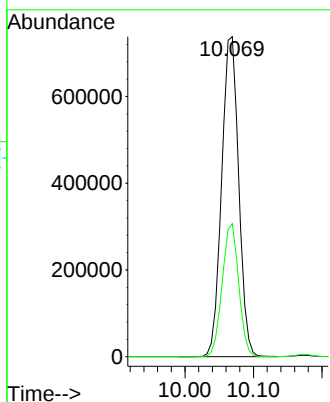
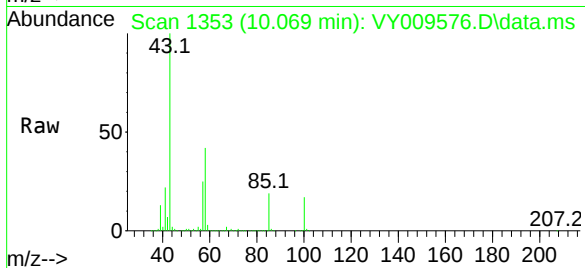




#51
4-Methyl-2-Pentanone
Concen: 817.015 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

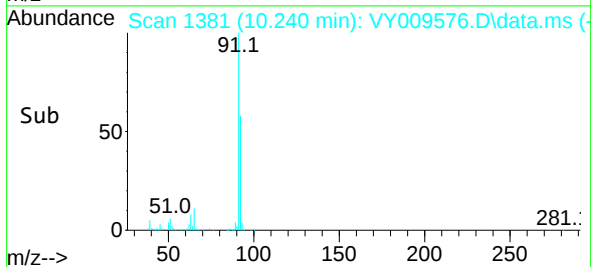
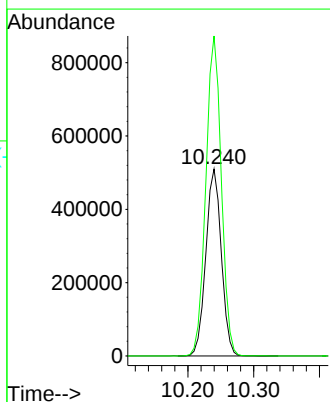
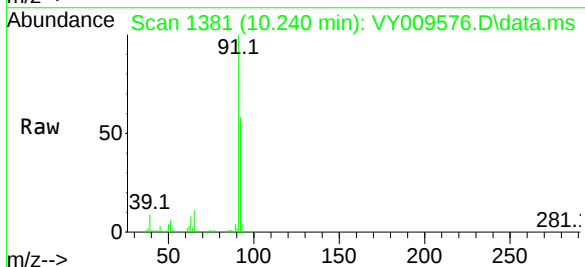
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

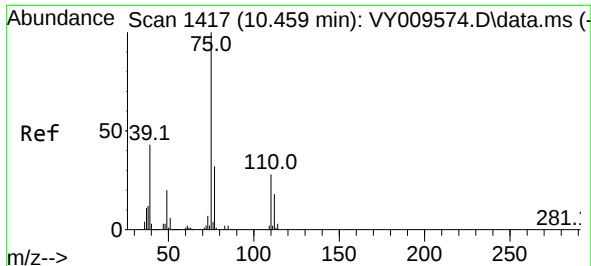
Tgt Ion: 43 Resp: 1270528
Ion Ratio Lower Upper
43 100
58 40.3 28.1 42.1



#52
Toluene
Concen: 153.425 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 92 Resp: 835140
Ion Ratio Lower Upper
92 100
91 171.1 142.6 213.8

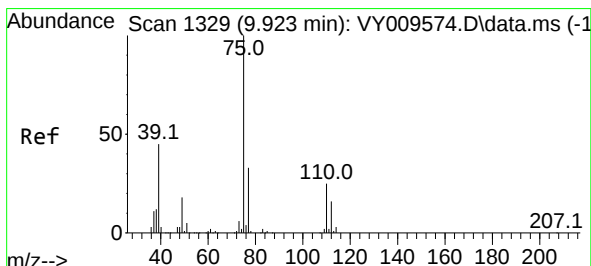
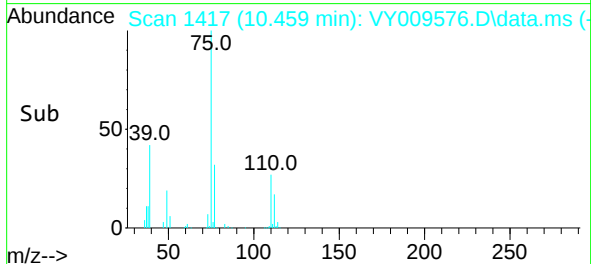
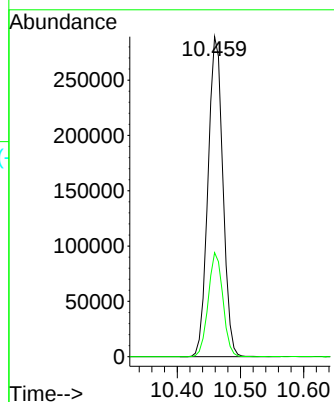
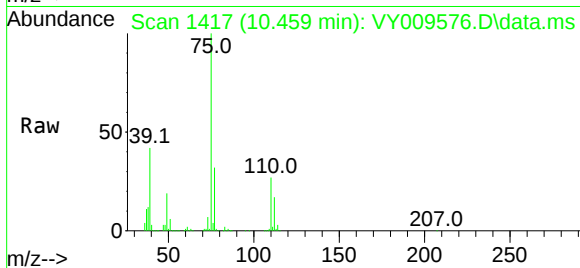




#53
t-1,3-Dichloropropene
Concen: 159.747 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

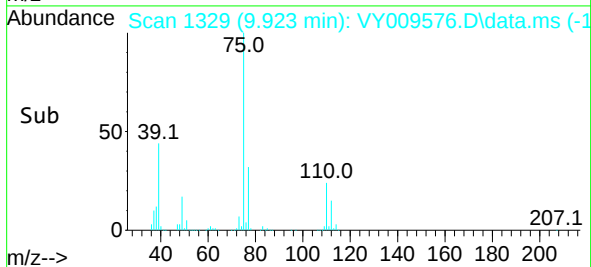
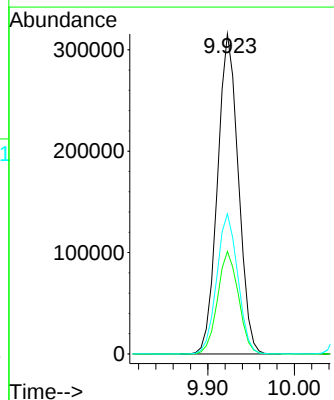
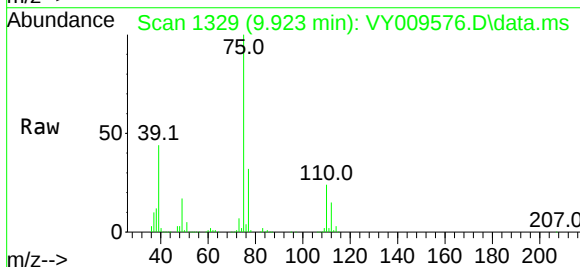
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

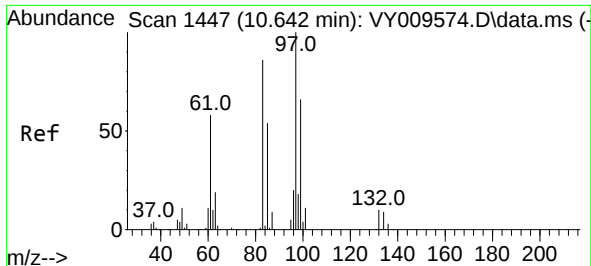
Tgt Ion: 75 Resp: 473738
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 156.501 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 75 Resp: 527711
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 43.8 47.6 71.4#



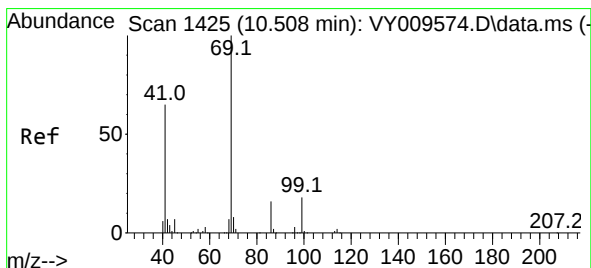
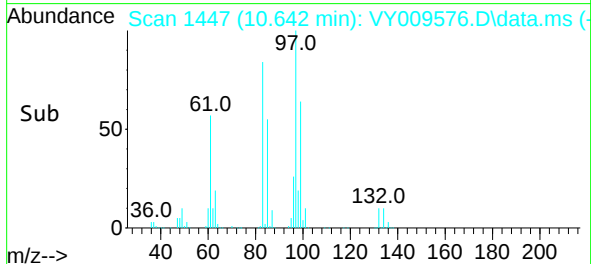
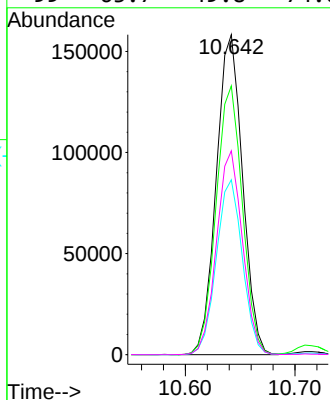
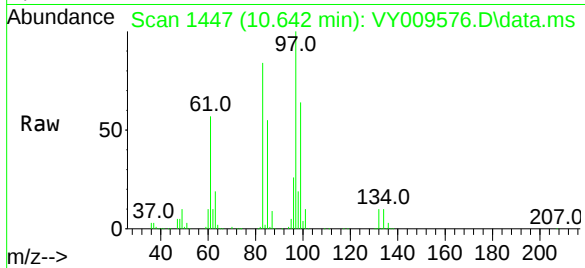


#55
1,1,2-Trichloroethane
Concen: 152.997 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 263842

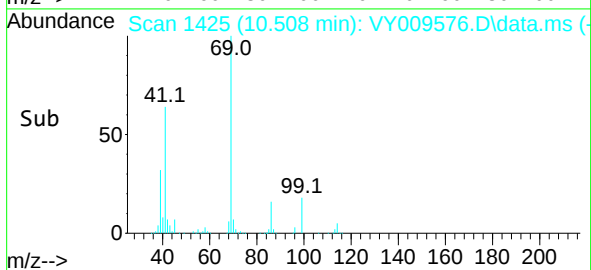
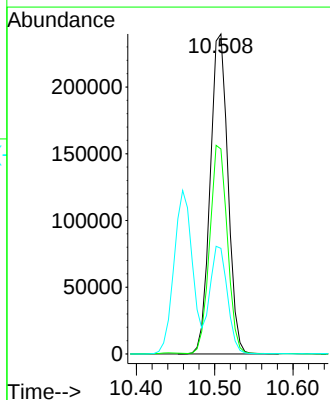
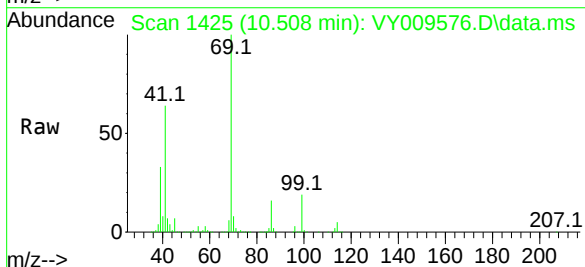
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.8	104.8
85	54.7	44.3	66.5
99	63.7	49.8	74.6

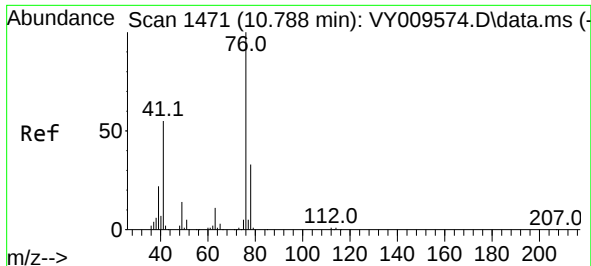


#56
Ethyl methacrylate
Concen: 170.841 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 69 Resp: 376924

Ion	Ratio	Lower	Upper
69	100		
41	64.8	63.4	95.0
39	33.0	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 153.203 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

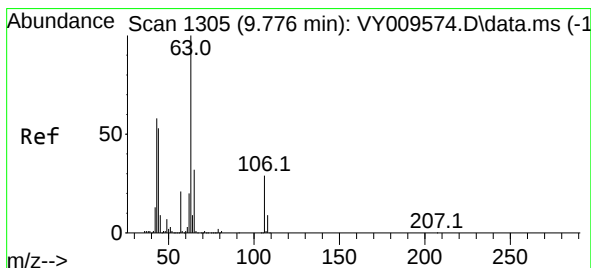
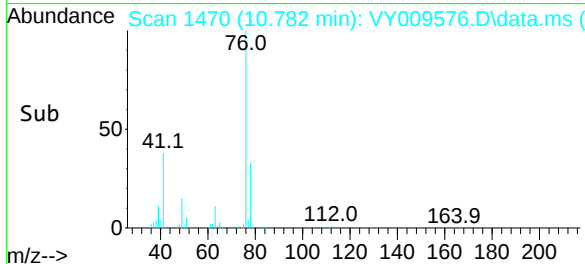
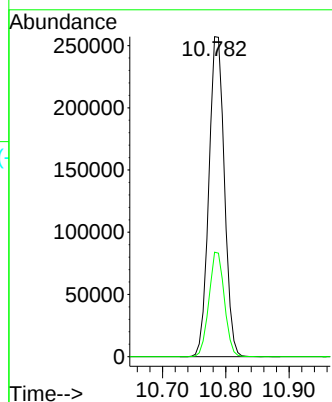
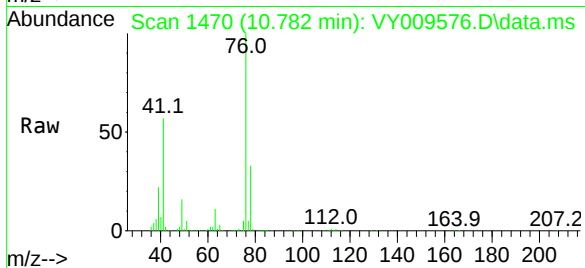
VSTDIC150

Tgt Ion: 76 Resp: 438425

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 1159.740 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY009576.D

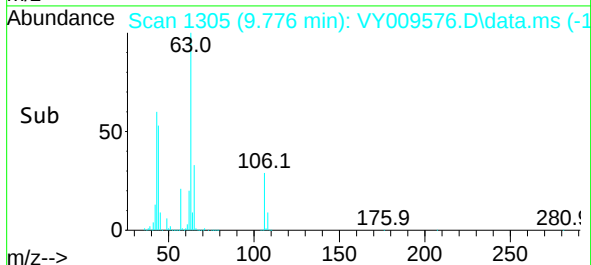
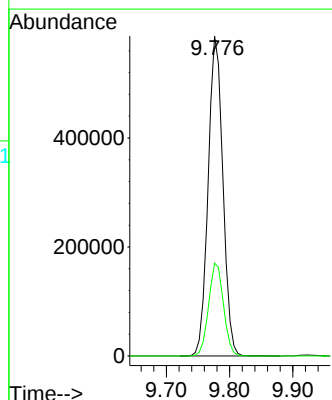
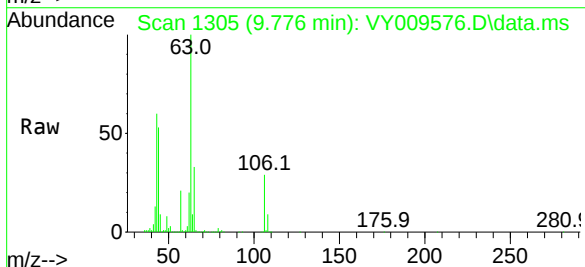
Acq: 18 Jul 2022 16:25

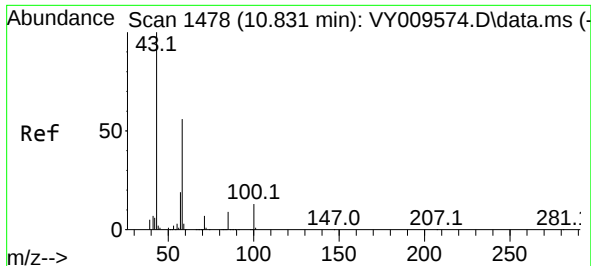
Tgt Ion: 63 Resp: 950319

Ion Ratio Lower Upper

63 100

106 29.3 21.5 32.3

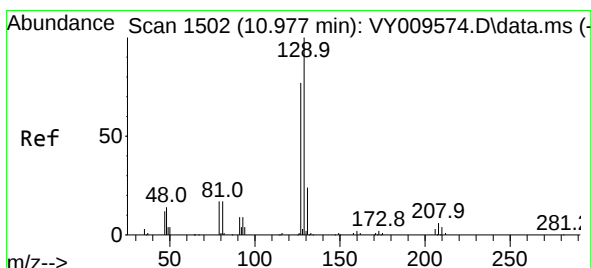
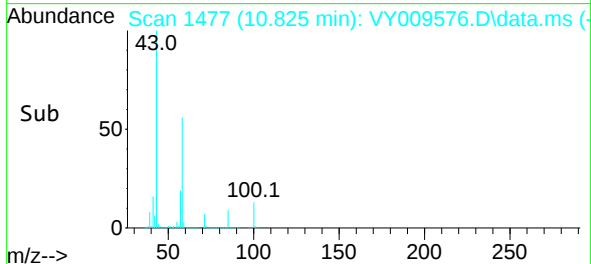
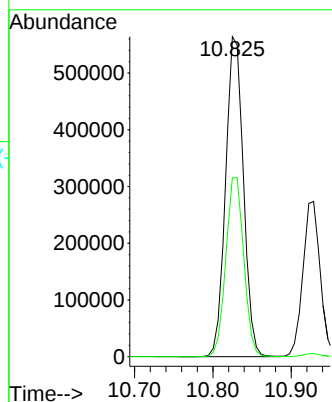
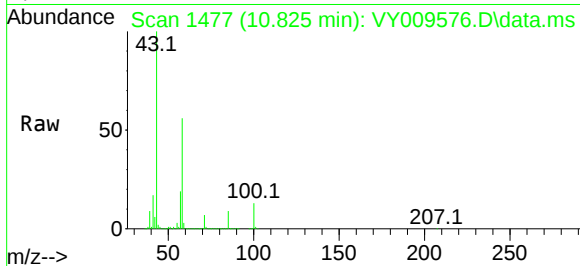




#59
2-Hexanone
Concen: 826.649 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

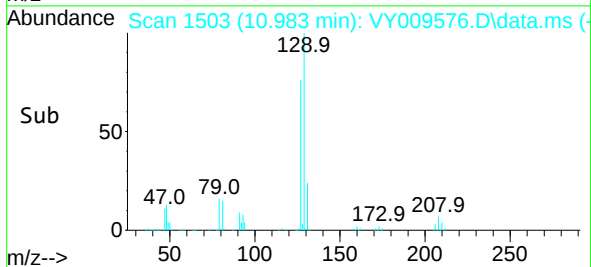
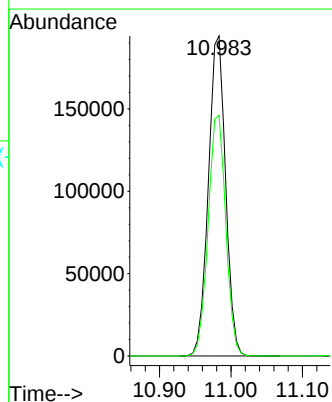
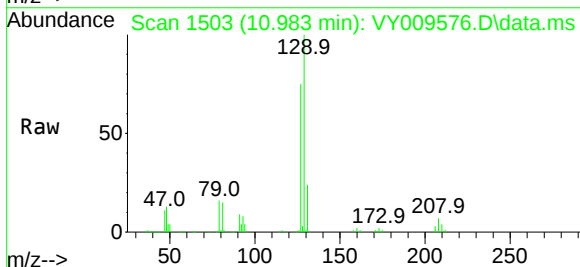
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

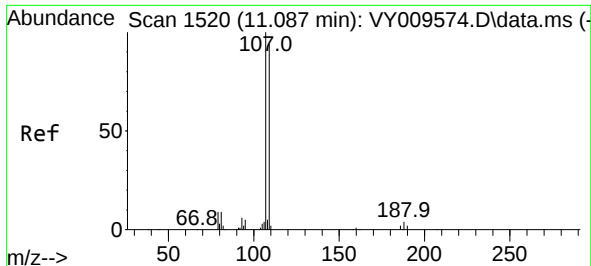
Tgt Ion: 43 Resp: 894097
Ion Ratio Lower Upper
43 100
58 56.5 24.4 73.4



#60
Dibromochloromethane
Concen: 155.613 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 129 Resp: 324724
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

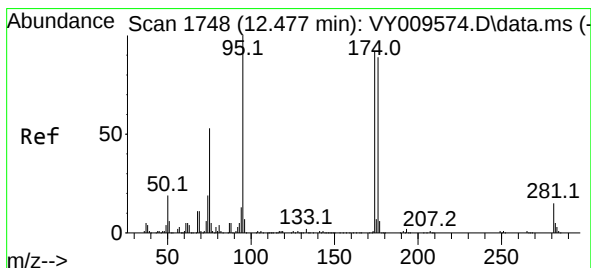
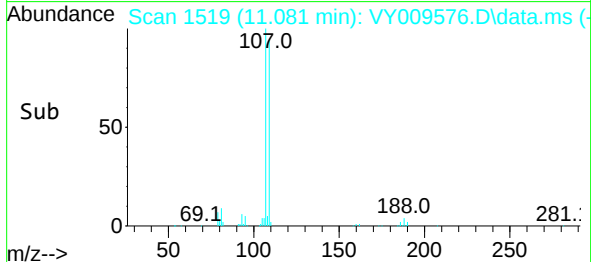
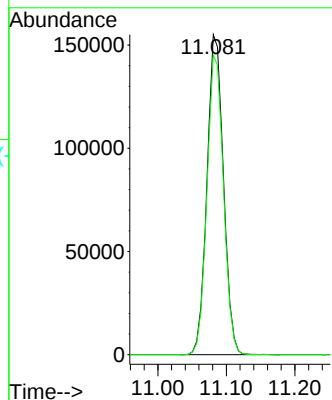
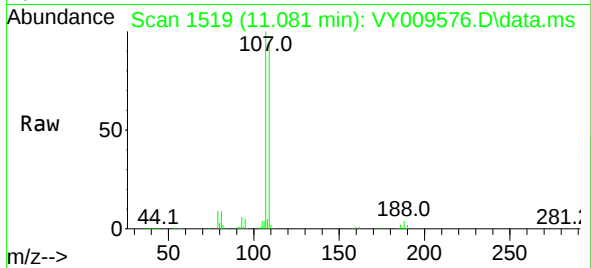




#61
1,2-Dibromoethane
Concen: 153.901 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

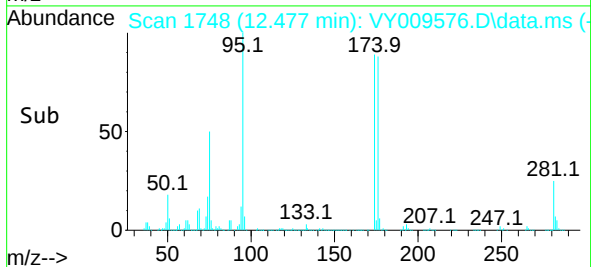
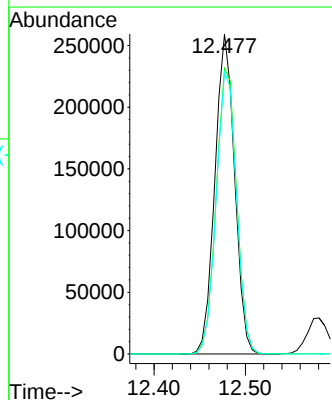
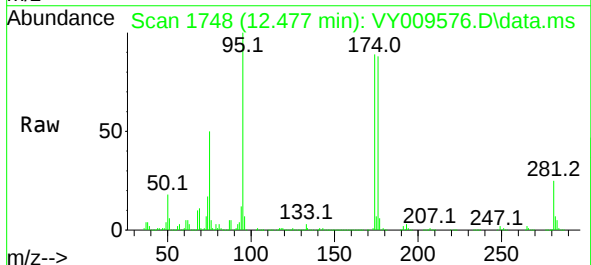
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

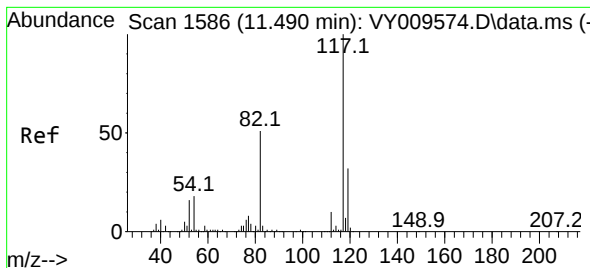
Tgt Ion:107 Resp: 258941
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 156.624 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 95 Resp: 387737
Ion Ratio Lower Upper
95 100
174 92.9 0.0 177.0
176 90.7 0.0 175.8

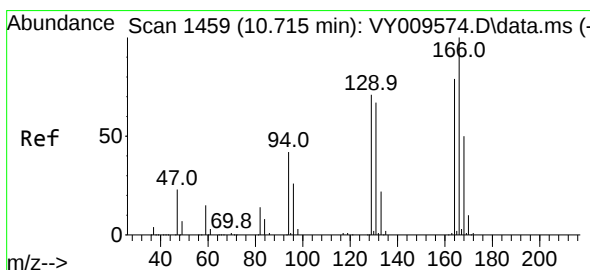
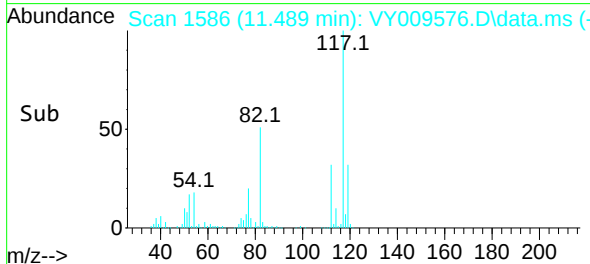
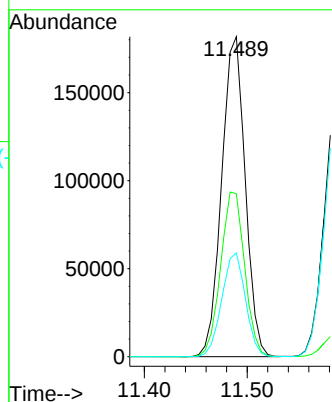
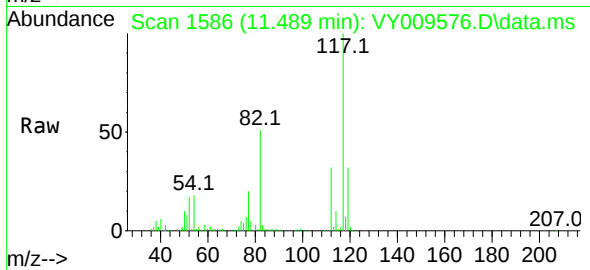




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

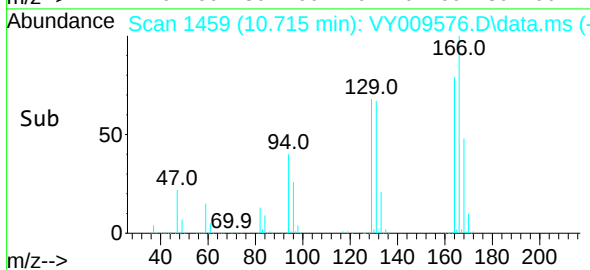
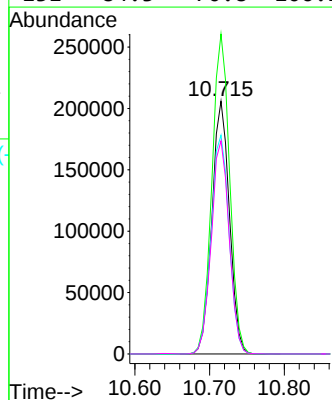
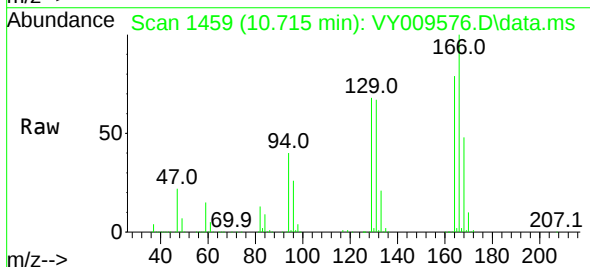
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

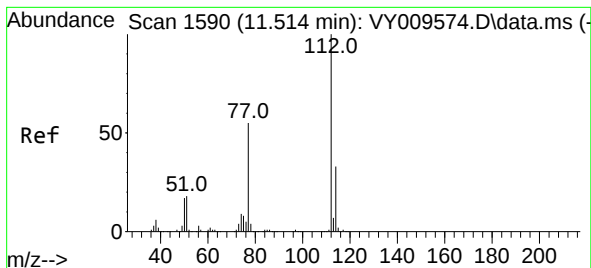
Tgt Ion:117 Resp: 288989
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 148.757 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion:164 Resp: 336438
Ion Ratio Lower Upper
164 100
166 126.6 100.4 150.6
129 86.5 71.4 107.0
131 84.3 70.8 106.2





#65

Chlorobenzene

Concen: 149.088 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

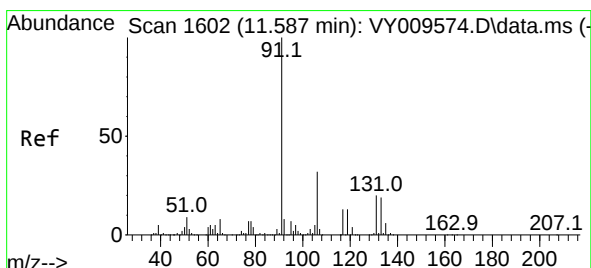
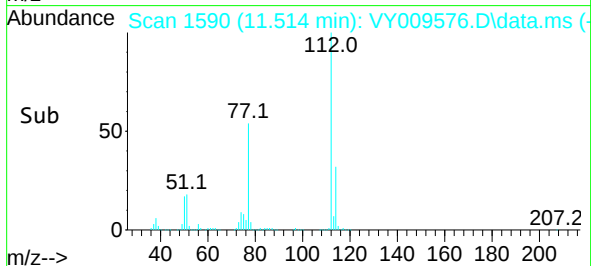
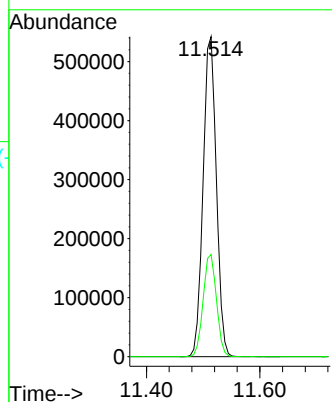
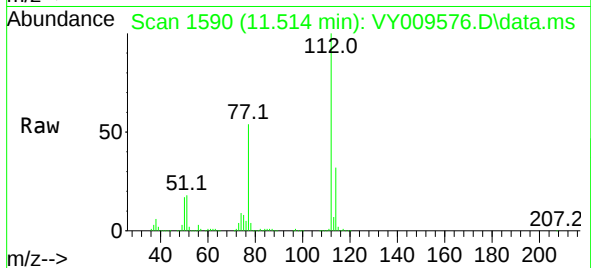
VSTDIC150

Tgt Ion:112 Resp: 880420

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 152.516 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

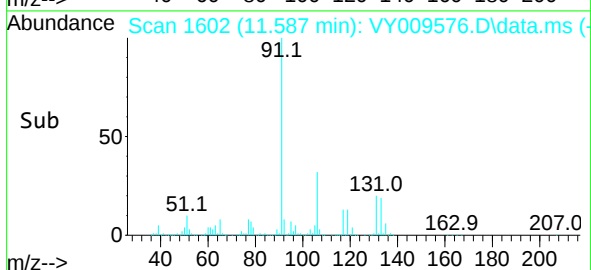
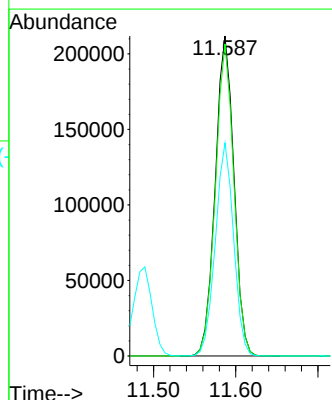
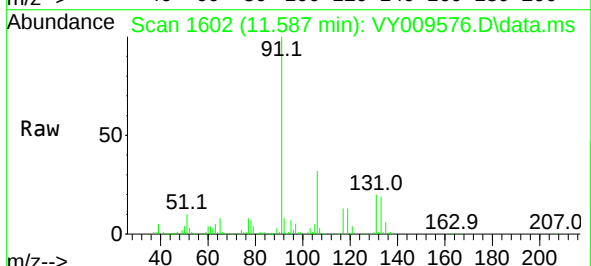
Tgt Ion:131 Resp: 334631

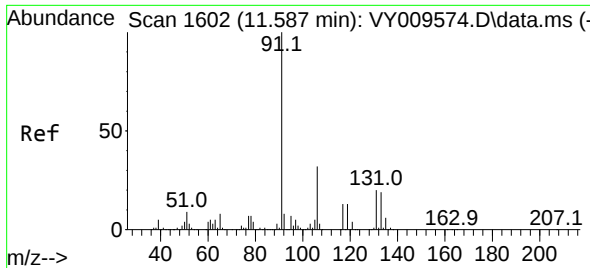
Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.6

119 65.1 30.8 92.3

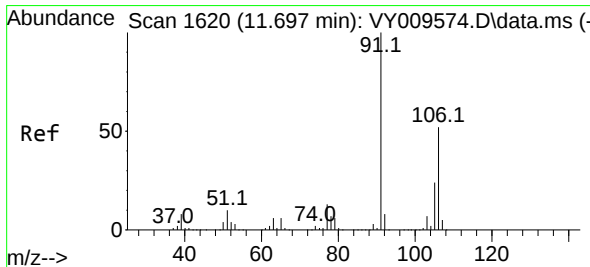
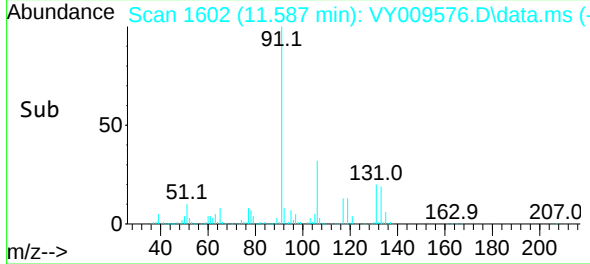
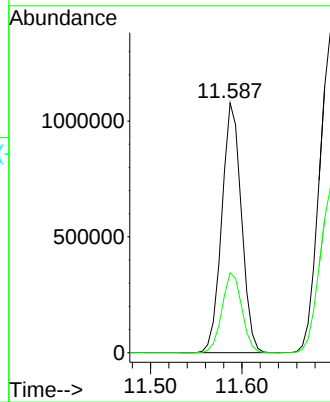
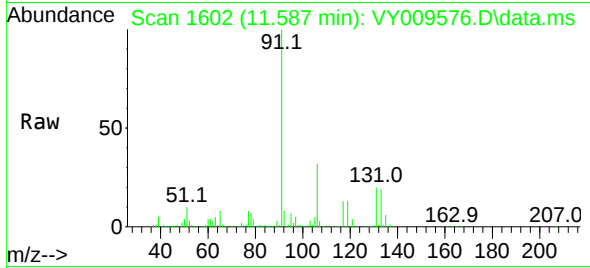




#67
Ethyl Benzene
Concen: 154.806 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

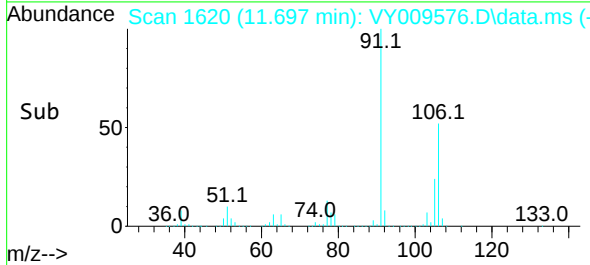
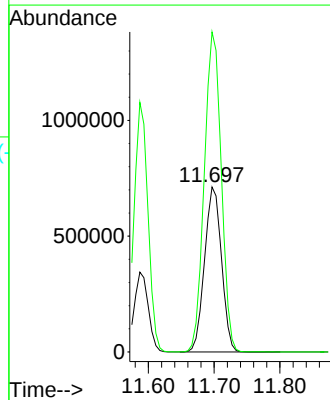
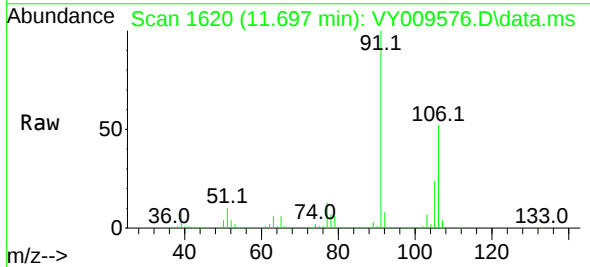
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

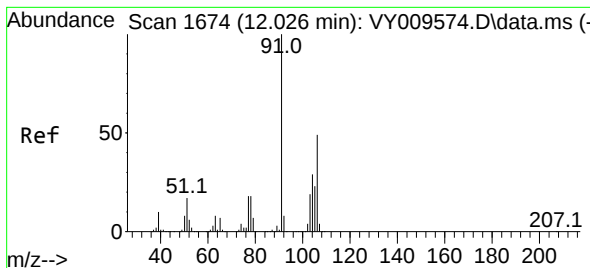
Tgt Ion: 91 Resp: 1607878
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 308.827 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion:106 Resp: 1276560
Ion Ratio Lower Upper
106 100
91 194.5 166.6 249.8

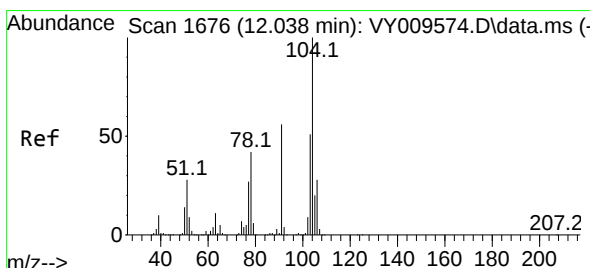
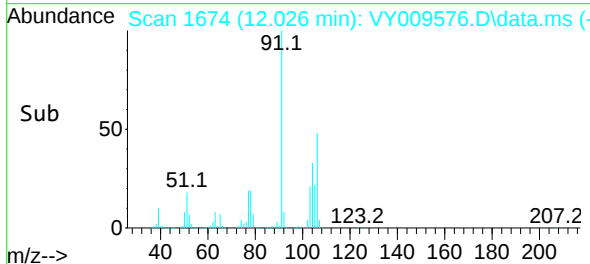
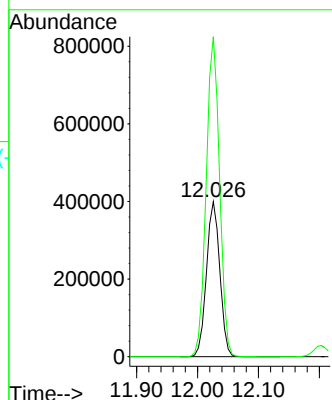
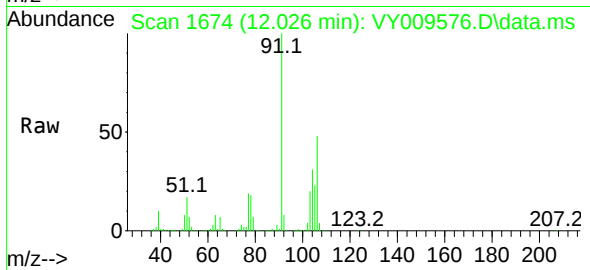




#69
o-Xylene
Concen: 157.223 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

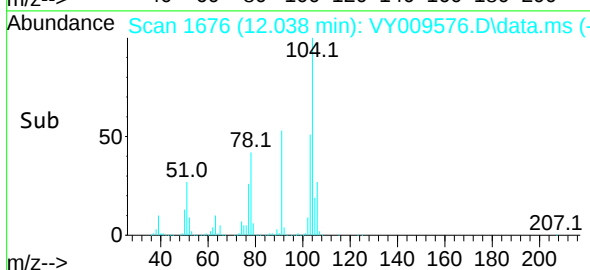
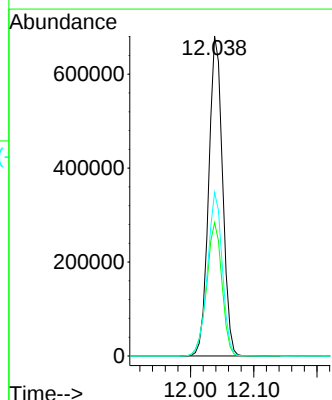
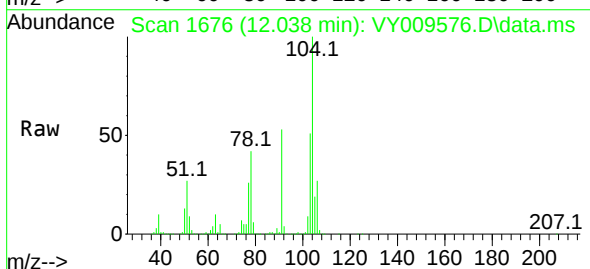
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

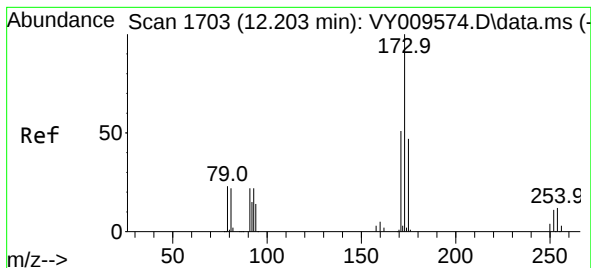
Tgt Ion:106 Resp: 608180
Ion Ratio Lower Upper
106 100
91 206.4 110.3 331.0



#70
Styrene
Concen: 161.947 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion:104 Resp: 1041940
Ion Ratio Lower Upper
104 100
78 45.8 42.4 63.6
103 54.4 44.4 66.6





#71

Bromoform

Concen: 157.737 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

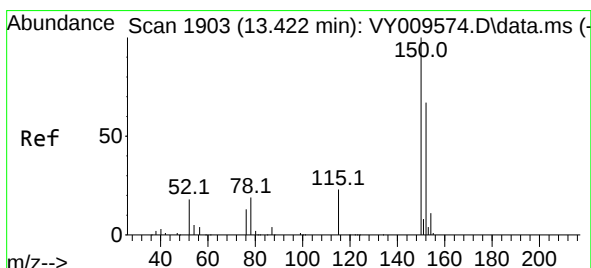
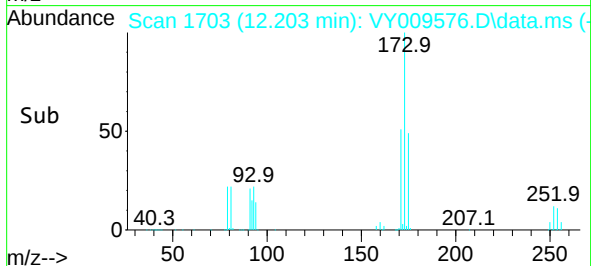
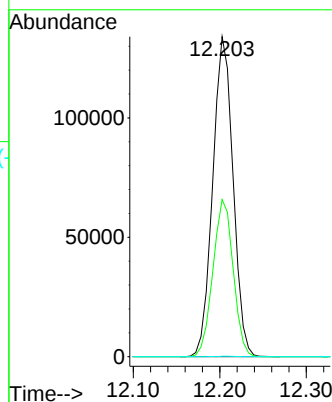
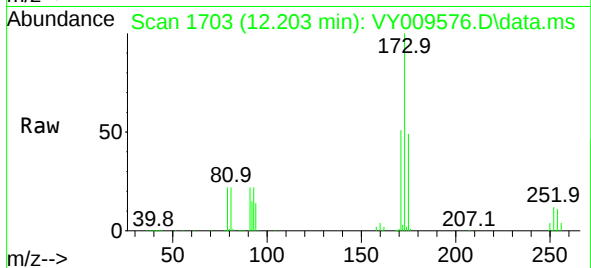
Tgt Ion:173 Resp: 218402

Ion Ratio Lower Upper

173 100

175 48.9 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

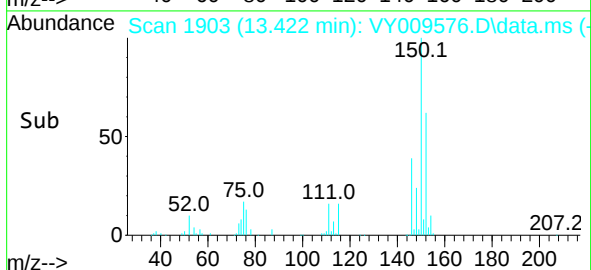
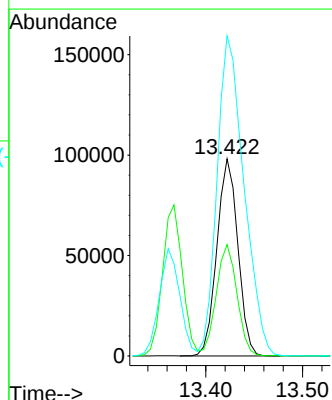
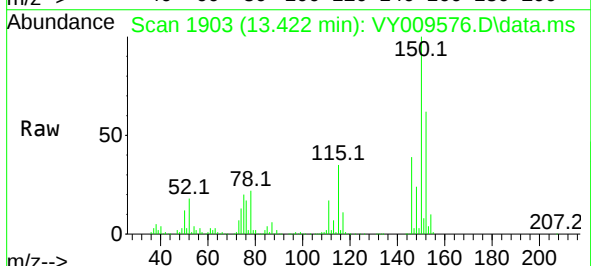
Tgt Ion:152 Resp: 147660

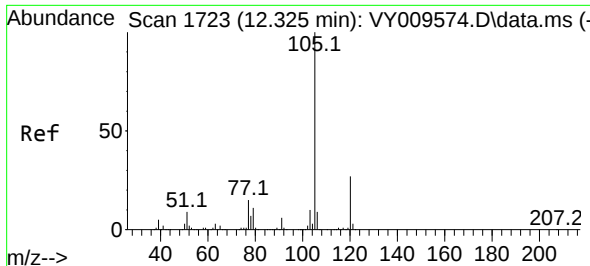
Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 208.5 0.0 347.6

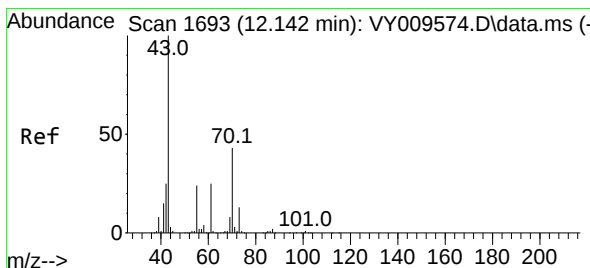
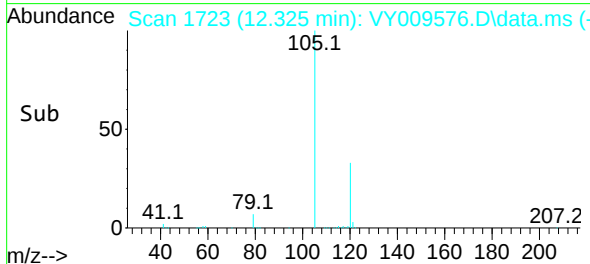
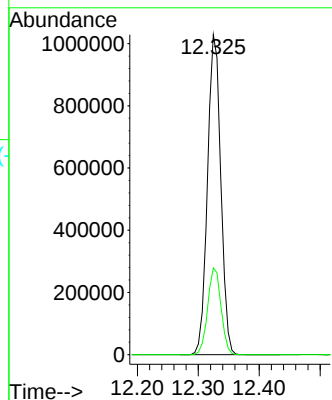
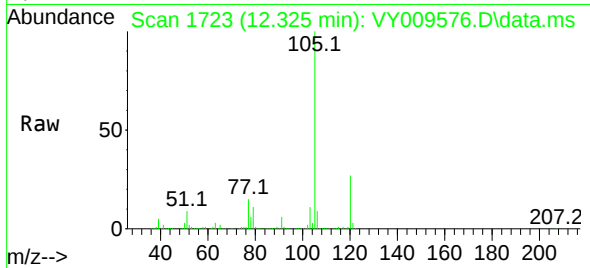




#73
Isopropylbenzene
Concen: 152.803 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

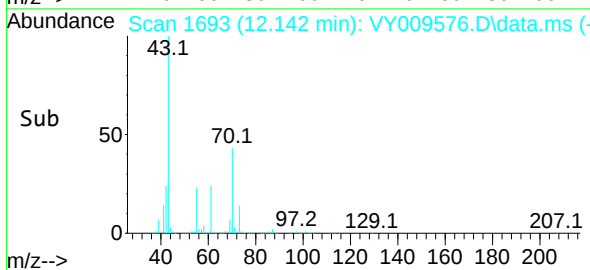
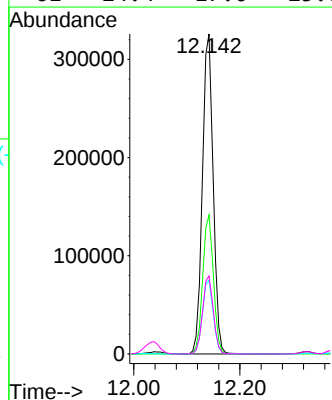
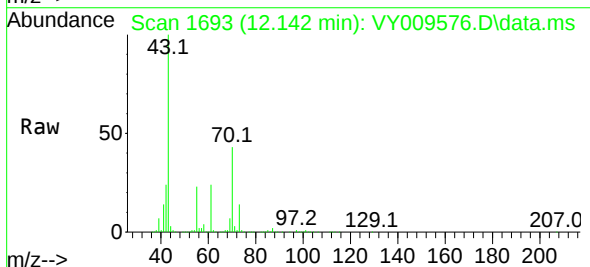
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

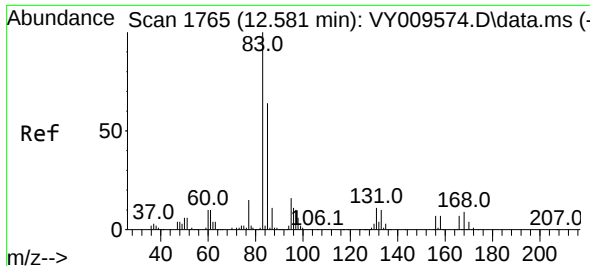
Tgt Ion:105 Resp: 1562183
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 169.509 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 43 Resp: 460891
Ion Ratio Lower Upper
43 100
70 43.3 28.7 43.1#
55 23.2 17.3 25.9
61 24.4 17.0 25.6

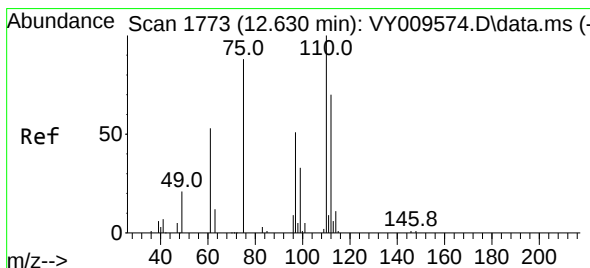
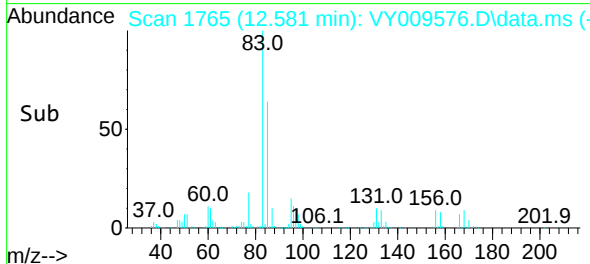
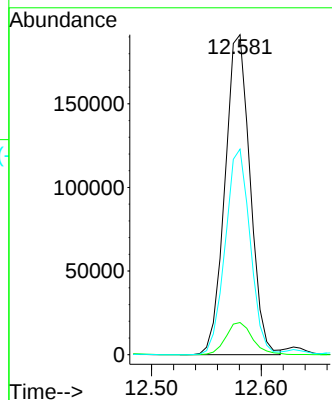
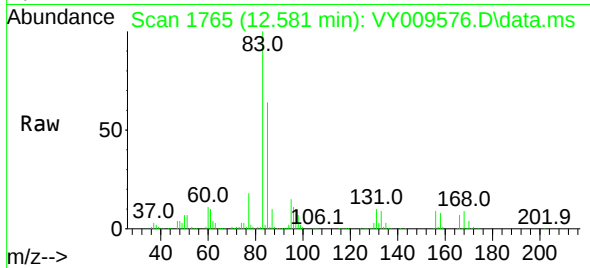




#75
1,1,2,2-Tetrachloroethane
Concen: 148.649 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

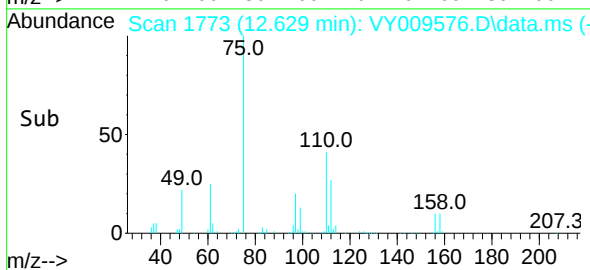
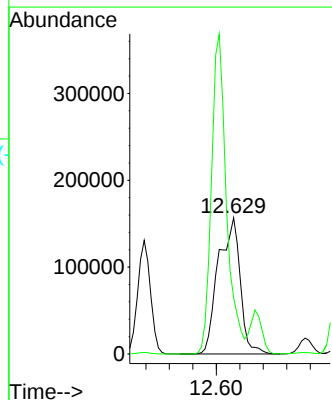
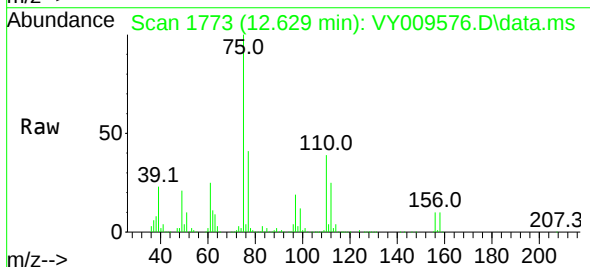
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

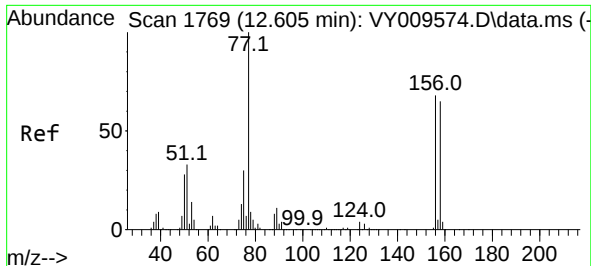
Tgt Ion: 83 Resp: 304349
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 64.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 278.475 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 75 Resp: 405092
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

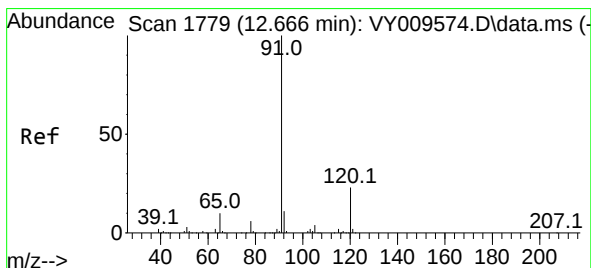
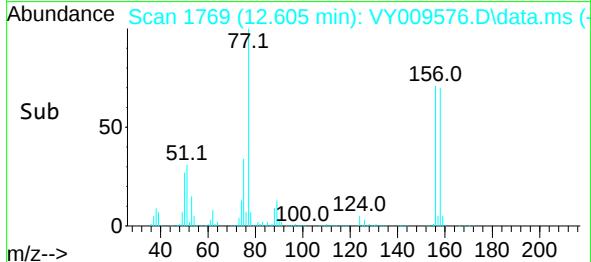
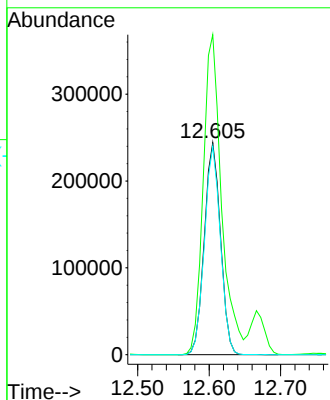
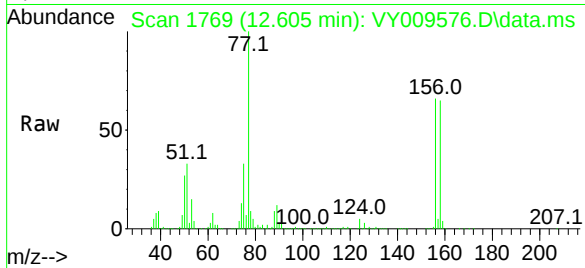




#77
Bromobenzene
Concen: 149.075 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

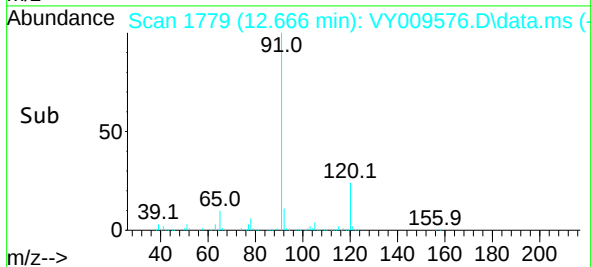
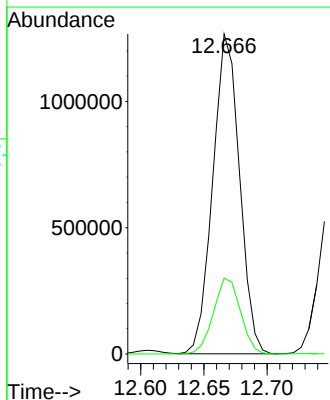
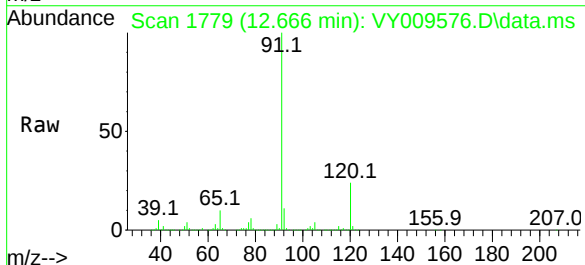
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

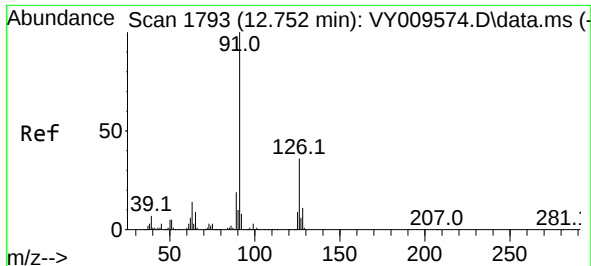
Tgt Ion:156 Resp: 383252
Ion Ratio Lower Upper
156 100
77 171.0 95.5 286.4
158 97.1 48.0 144.0



#78
n-propylbenzene
Concen: 150.402 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 91 Resp: 1857997
Ion Ratio Lower Upper
91 100
120 24.0 11.3 33.9

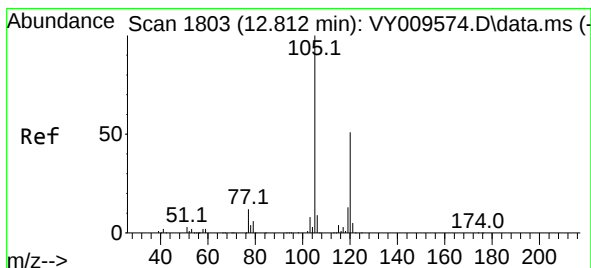
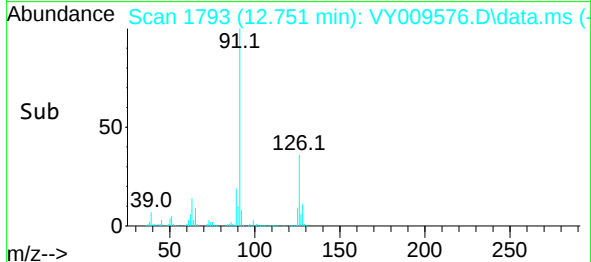
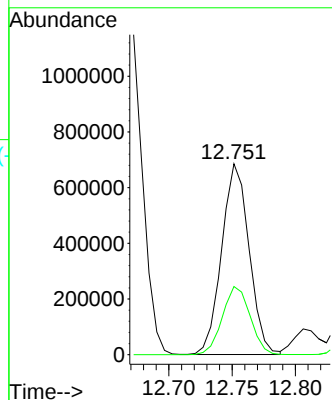
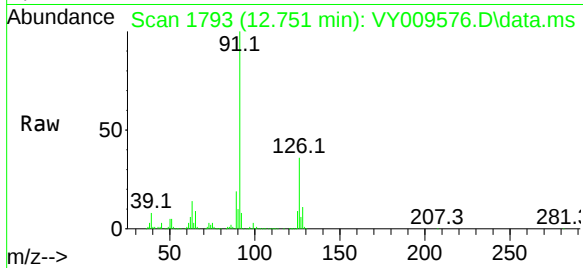




#79
2-Chlorotoluene
Concen: 151.164 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

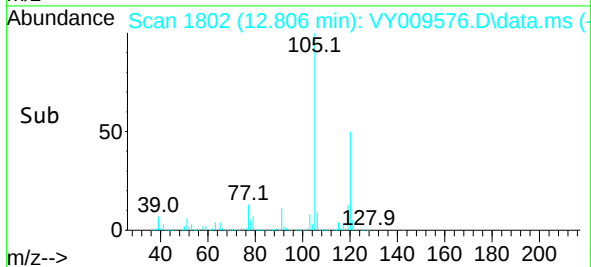
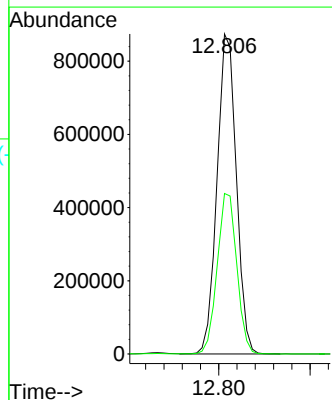
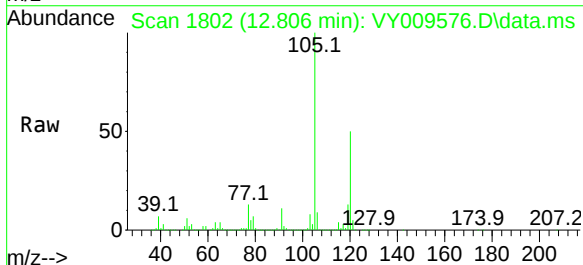
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

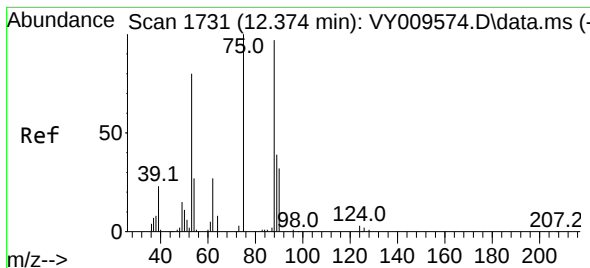
Tgt Ion: 91 Resp: 1035360
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 151.941 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 105 Resp: 1283568
Ion Ratio Lower Upper
105 100
120 50.8 24.4 73.4

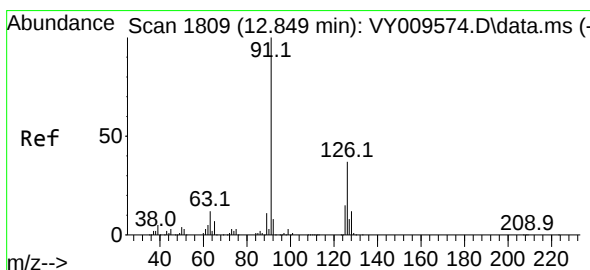
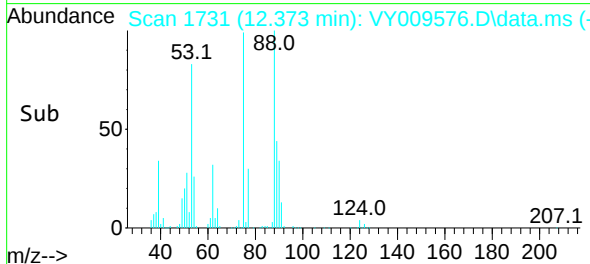
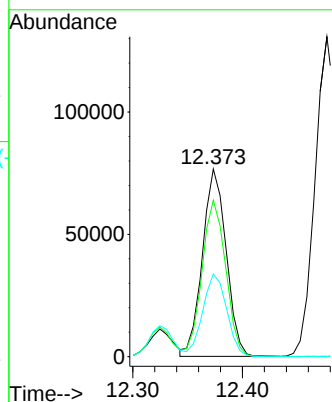
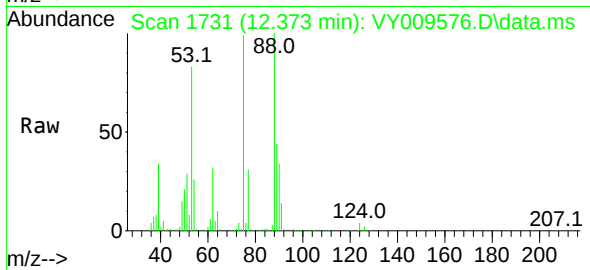




#81
trans-1,4-Dichloro-2-butene
Concen: 161.318 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

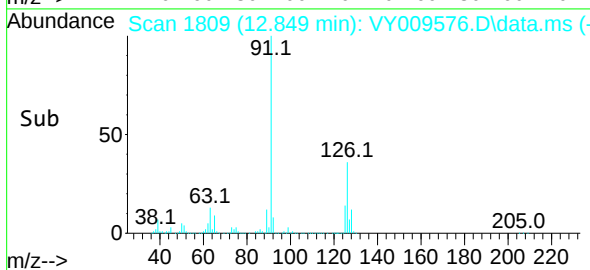
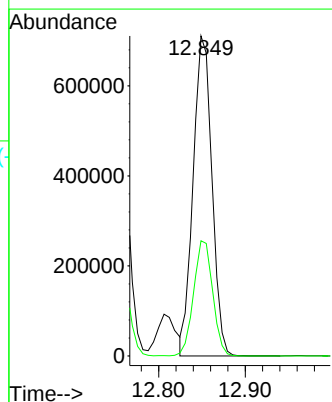
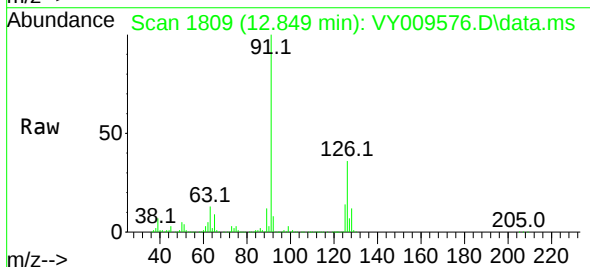
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

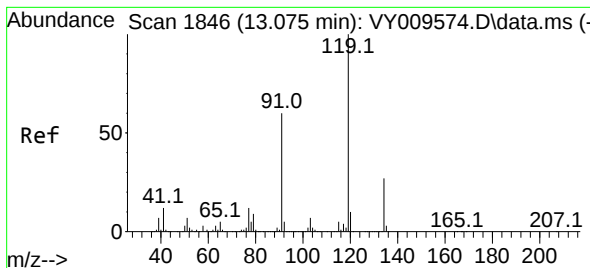
Tgt Ion: 75 Resp: 115080
Ion Ratio Lower Upper
75 100
53 84.1 85.3 127.9#
89 44.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 150.478 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion: 91 Resp: 1069240
Ion Ratio Lower Upper
91 100
126 36.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 153.187 ug/l

RT: 13.074 min Scan# 1149718

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

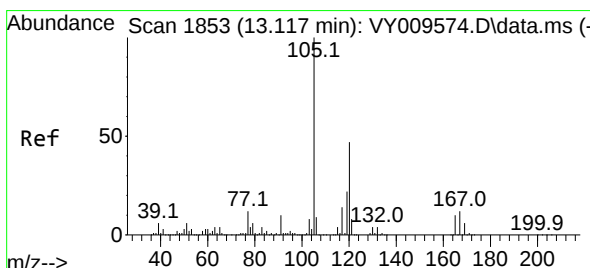
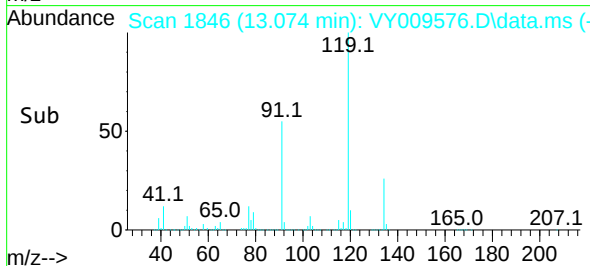
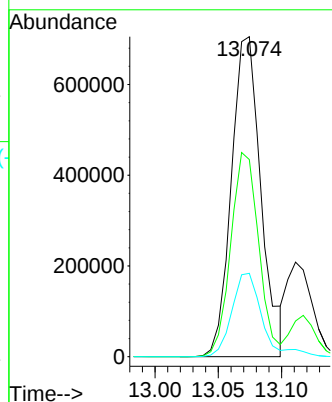
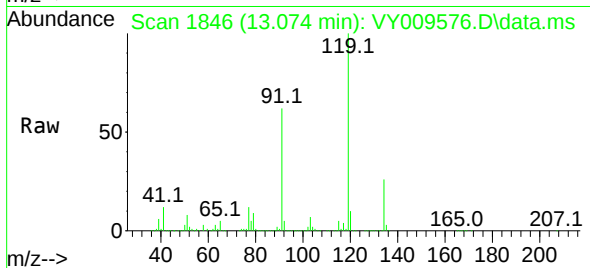
Tgt Ion:119 Resp: 1149718

Ion Ratio Lower Upper

119 100

91 60.5 34.8 104.4

134 26.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 154.373 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009576.D

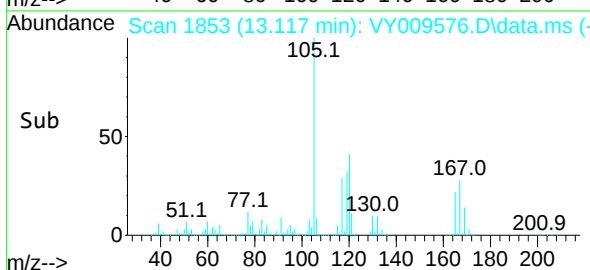
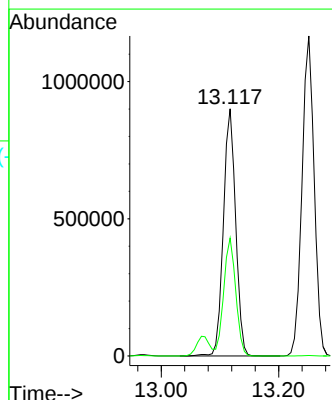
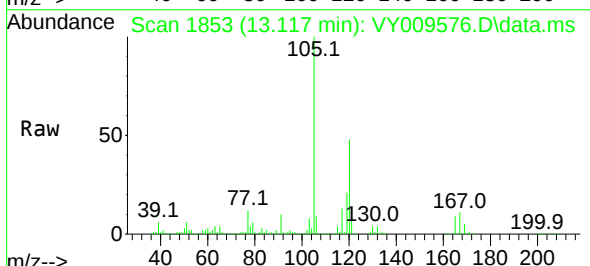
Acq: 18 Jul 2022 16:25

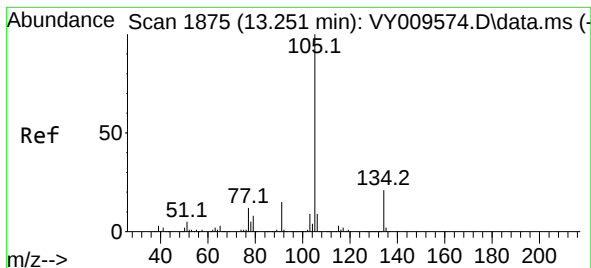
Tgt Ion:105 Resp: 1304220

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 150.117 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

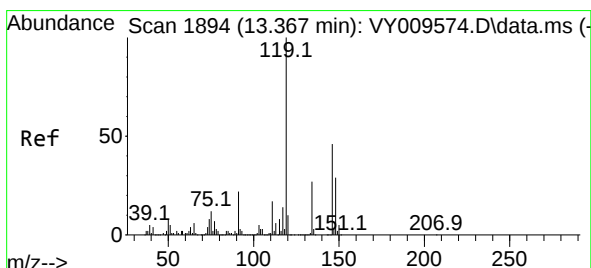
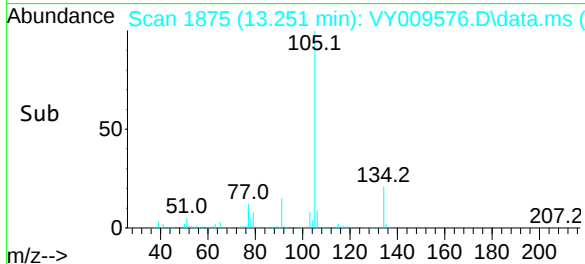
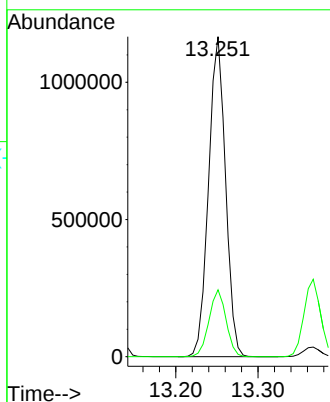
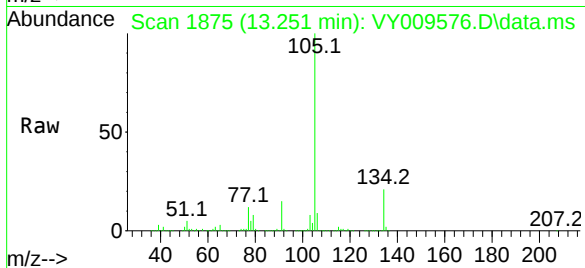
VSTDIC150

Tgt Ion:105 Resp: 1670444

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 154.800 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

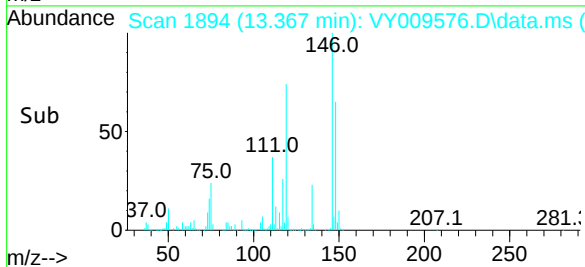
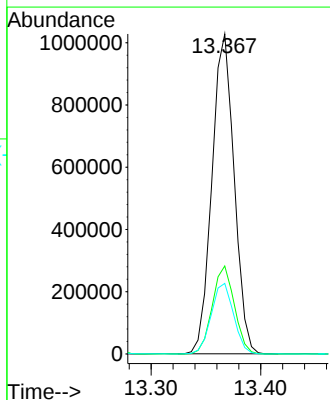
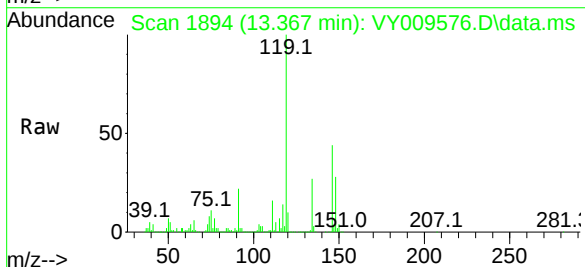
Tgt Ion:119 Resp: 1447611

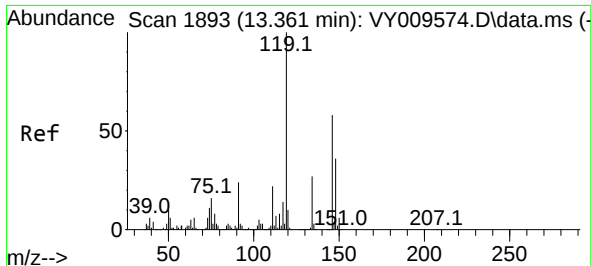
Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 22.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 150.341 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

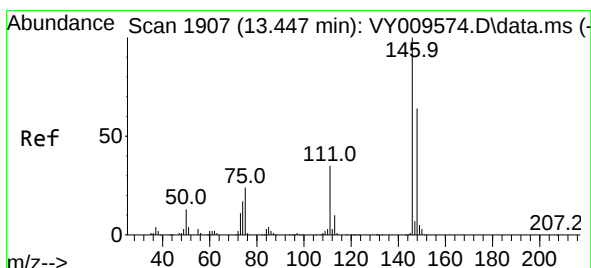
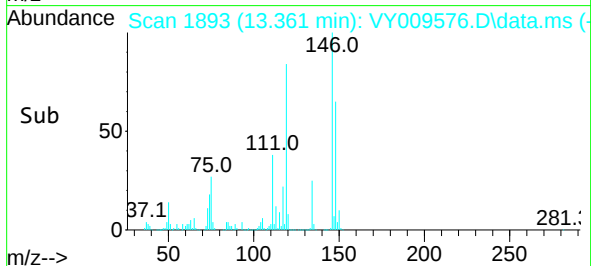
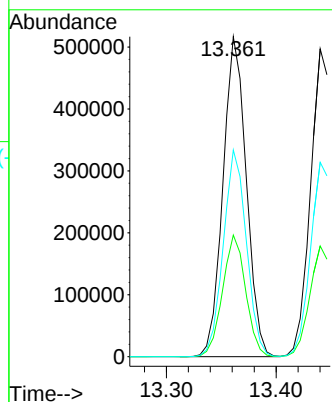
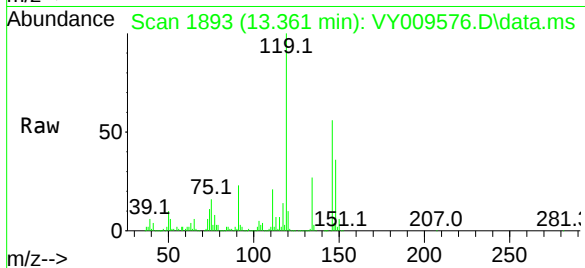
Tgt Ion:146 Resp: 764575

Ion Ratio Lower Upper

146 100

111 37.6 19.5 58.5

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 146.801 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

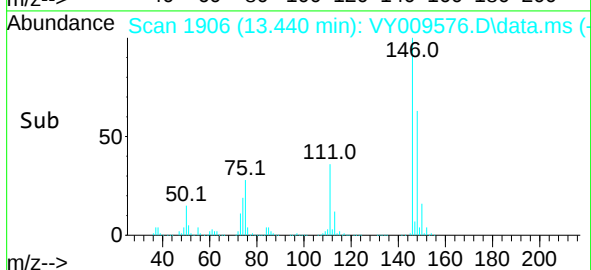
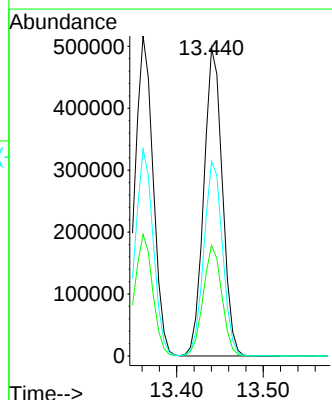
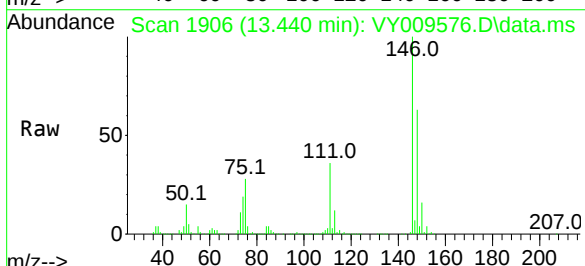
Tgt Ion:146 Resp: 740229

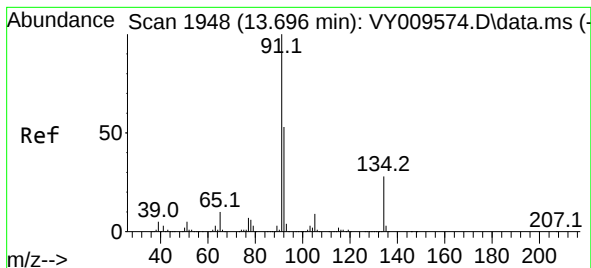
Ion Ratio Lower Upper

146 100

111 35.9 19.3 57.8

148 63.7 32.6 97.8





#89

n-Butylbenzene

Concen: 152.545 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

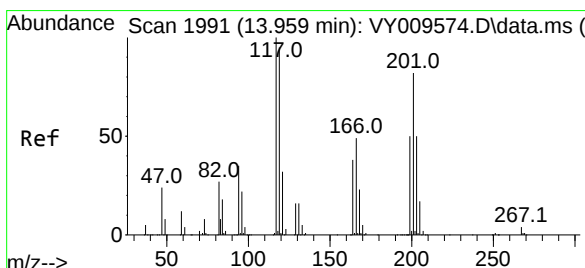
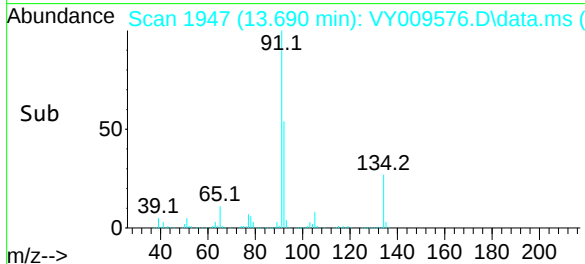
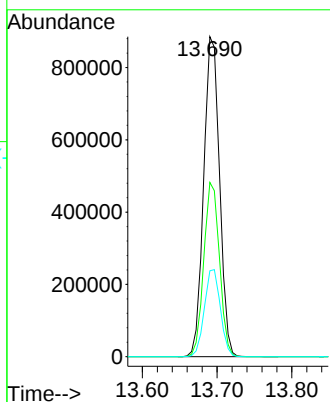
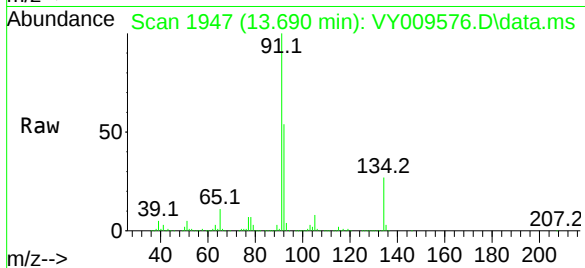
Tgt Ion: 91 Resp: 1302832

Ion Ratio Lower Upper

91 100

92 53.9 26.3 78.9

134 27.5 13.0 38.9



#90

Hexachloroethane

Concen: 146.560 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009576.D

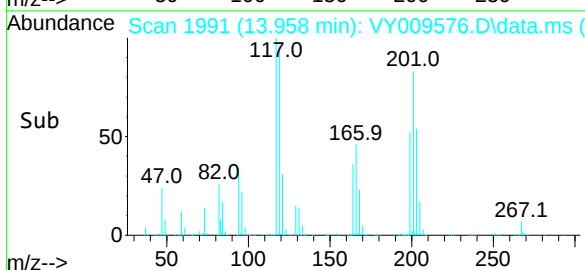
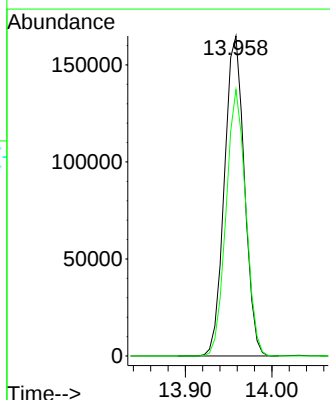
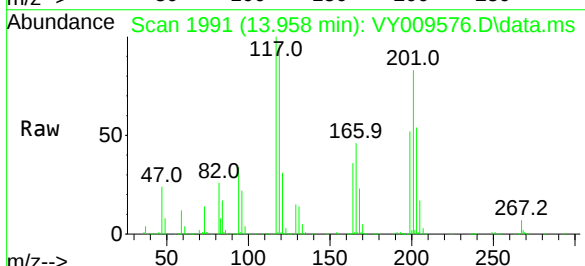
Acq: 18 Jul 2022 16:25

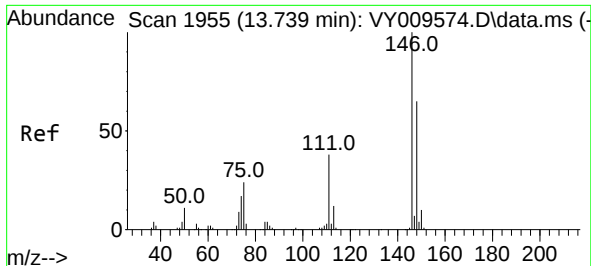
Tgt Ion: 117 Resp: 264048

Ion Ratio Lower Upper

117 100

201 82.2 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 150.361 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

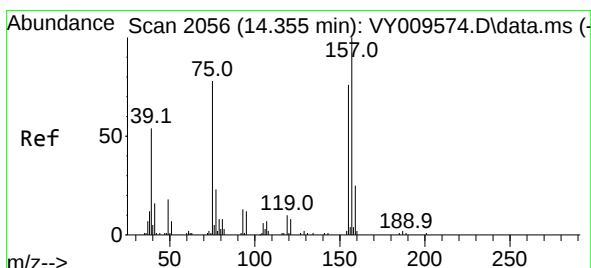
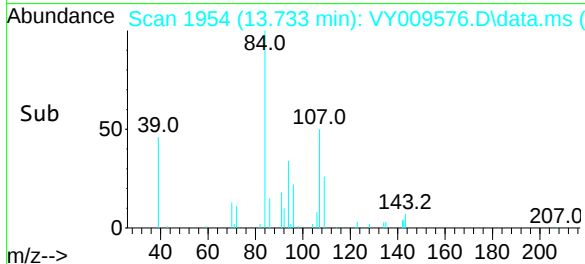
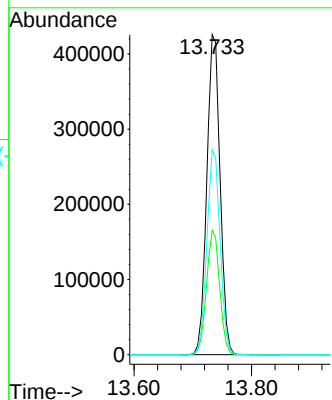
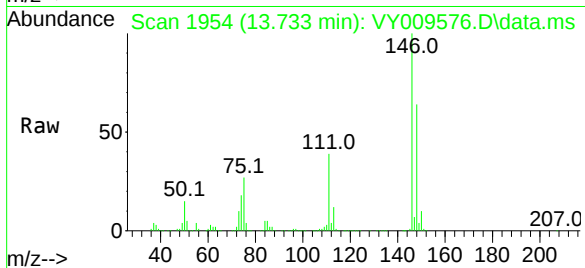
Tgt Ion:146 Resp: 668020

Ion Ratio Lower Upper

146 100

111 38.6 20.3 60.9

148 63.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 157.316 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

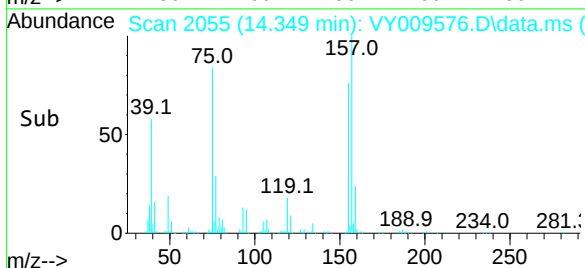
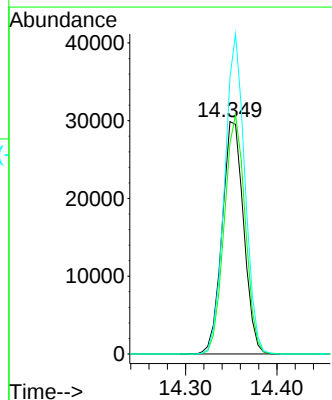
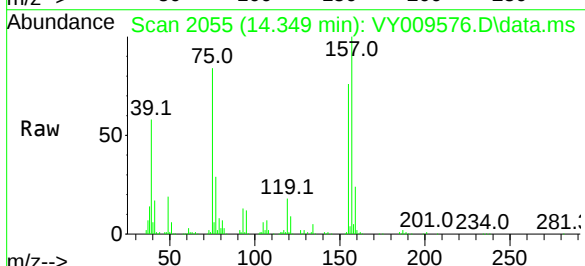
Tgt Ion: 75 Resp: 49001

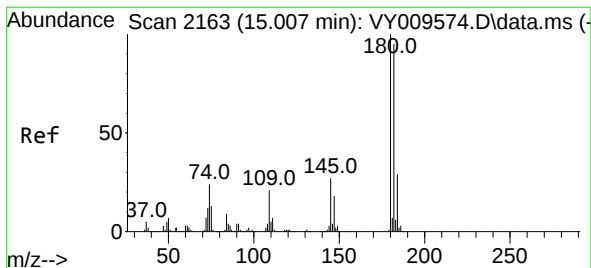
Ion Ratio Lower Upper

75 100

155 99.4 38.0 113.9

157 128.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 162.580 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

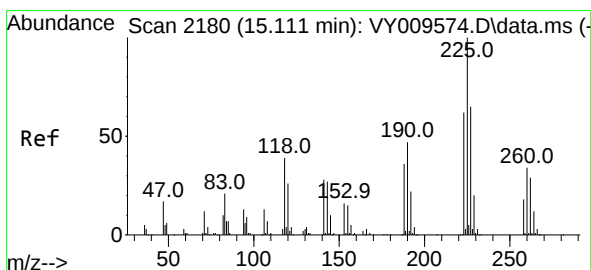
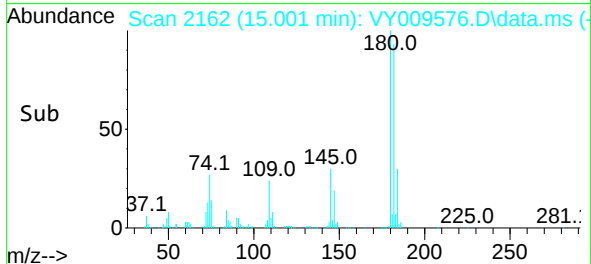
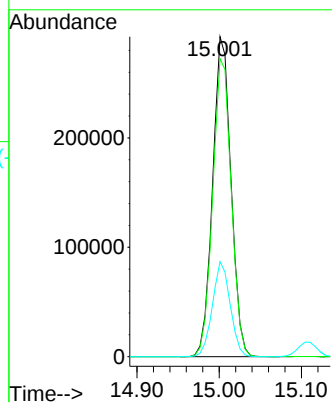
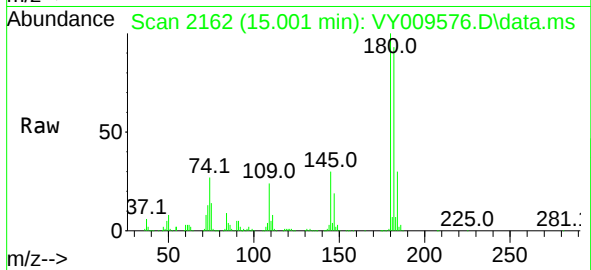
Tgt Ion:180 Resp: 453350

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 28.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 148.301 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009576.D

Acq: 18 Jul 2022 16:25

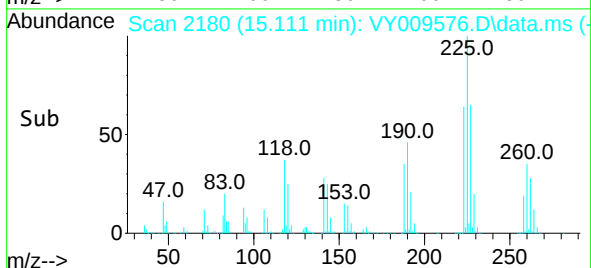
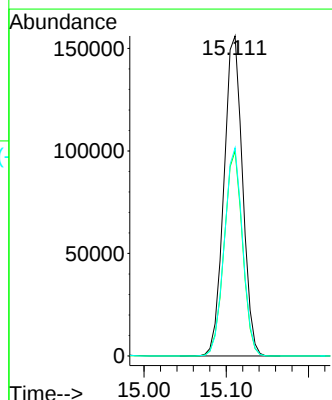
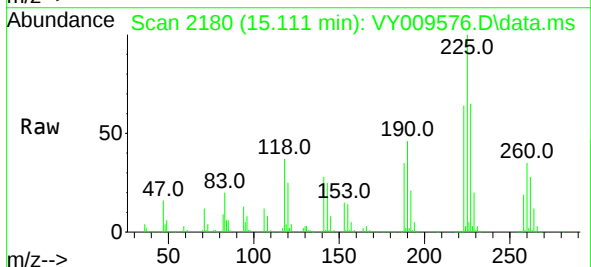
Tgt Ion:225 Resp: 245321

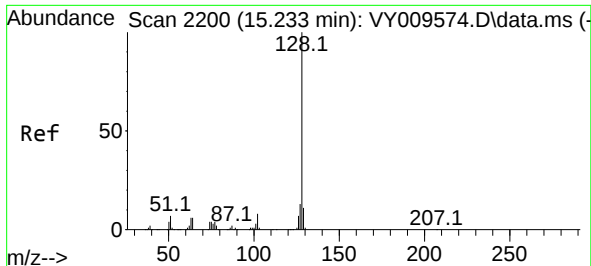
Ion Ratio Lower Upper

225 100

223 62.9 30.8 92.3

227 64.0 31.6 94.7

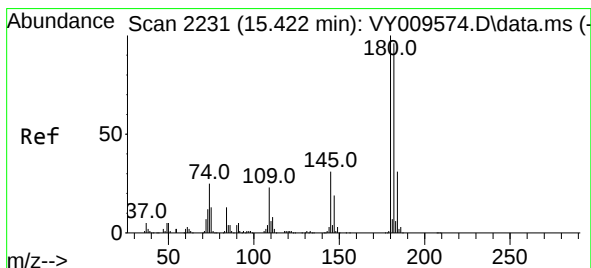
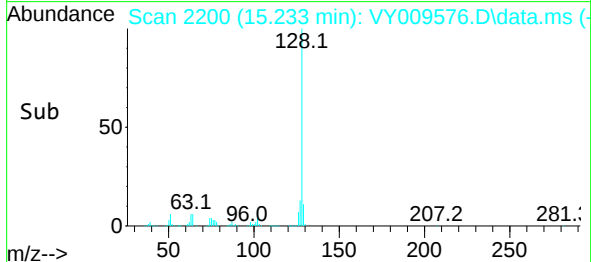
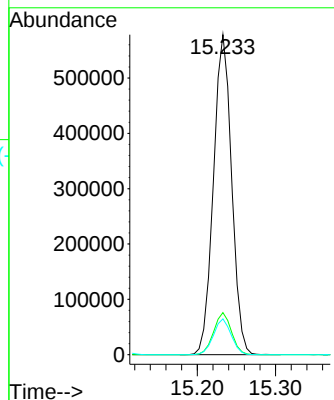
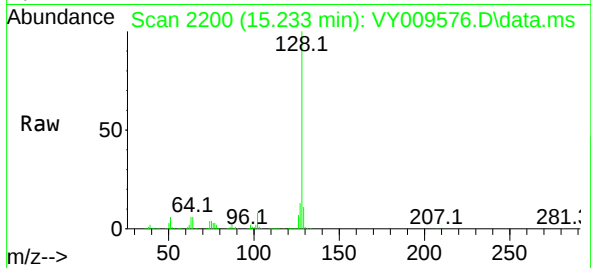




#95
Naphthalene
Concen: 175.022 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 931782
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 162.695 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009576.D
Acq: 18 Jul 2022 16:25

Tgt Ion:180 Resp: 398512
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.9
145 30.5 15.3 45.9

