

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071822\
 Data File : VY009575.D
 Acq On : 18 Jul 2022 16:03
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 19 02:51:58 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	209606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	285006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	195661	98.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 197.400%#	
35) Dibromofluoromethane	7.710	113	196739	100.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 201.840%#	
50) Toluene-d8	10.173	98	761951	101.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 203.340%#	
62) 4-Bromofluorobenzene	12.477	95	249904	102.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 205.820%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	176791	96.123	ug/l	99
3) Chloromethane	2.107	50	257487	94.471	ug/l	98
4) Vinyl Chloride	2.241	62	273207	95.855	ug/l	97
5) Bromomethane	2.625	94	178439	92.497	ug/l	99
6) Chloroethane	2.778	64	166160	95.972	ug/l	98
7) Trichlorofluoromethane	3.113	101	329385	97.525	ug/l	93
8) Diethyl Ether	3.515	74	111462	100.868	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	191355	96.888	ug/l	94
10) Methyl Iodide	4.076	142	269811	102.844	ug/l	88
11) Tert butyl alcohol	4.948	59	90286	386.609	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	190278	98.714	ug/l	82
13) Acrolein	3.716	56	69009	486.929	ug/l	97
14) Allyl chloride	4.466	41	303050	101.634	ug/l #	92
15) Acrylonitrile	5.149	53	277974	509.333	ug/l	98
16) Acetone	3.936	43	264333	527.110	ug/l #	88
17) Carbon Disulfide	4.180	76	586395	97.858	ug/l	99
18) Methyl Acetate	4.466	43	129656	92.107	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	530074	104.341	ug/l	98
20) Methylene Chloride	4.698	84	225419	62.862	ug/l	87
21) trans-1,2-Dichloroethene	5.204	96	217095	99.509	ug/l	87
22) Diisopropyl ether	6.106	45	662963	104.122	ug/l	94
23) Vinyl Acetate	6.051	43	2183236	543.455	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	366254	99.593	ug/l	98
25) 2-Butanone	6.978	43	391036	534.570	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	324408	98.471	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	242646	100.596	ug/l	88
28) Bromochloromethane	7.325	49	165568	105.077	ug/l	85
29) Tetrahydrofuran	7.338	42	252978	526.756	ug/l	91
30) Chloroform	7.496	83	374419	99.528	ug/l	99
31) Cyclohexane	7.777	56	337685	96.607	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	337914	100.143	ug/l	96
36) 1,1-Dichloropropene	7.911	75	294880	102.360	ug/l	96
37) Ethyl Acetate	7.063	43	168116	104.853	ug/l	96
38) Carbon Tetrachloride	7.892	117	306859	101.755	ug/l	97
39) Methylcyclohexane	9.179	83	374867	105.533	ug/l	91
40) Benzene	8.155	78	854892	101.417	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	229953	289.372	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	239792	101.405	ug/l	91
43) Isopropyl Acetate	8.264	43	314322	106.988	ug/l #	93
44) Trichloroethene	8.935	130	242419	101.120	ug/l	96
45) 1,2-Dichloropropane	9.209	63	212850	102.920	ug/l	93
46) Dibromomethane	9.301	93	124528	103.675	ug/l	97
47) Bromodichloromethane	9.490	83	289747	102.875	ug/l	100
48) Methyl methacrylate	9.289	41	143793	110.779	ug/l #	87
49) 1,4-Dioxane	9.295	88	35206	2198.908	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	834934	547.340	ug/l	92
52) Toluene	10.240	92	555428	104.022	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	310944	106.890	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	350657	106.014	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	174393	103.092	ug/l	98
56) Ethyl methacrylate	10.508	69	246359	113.832	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	291193	103.732	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	644232	801.481	ug/l	96
59) 2-Hexanone	10.825	43	594736	560.558	ug/l	90
60) Dibromochloromethane	10.977	129	213525	104.313	ug/l	99
61) 1,2-Dibromoethane	11.087	107	171174	103.714	ug/l	99
64) Tetrachloroethene	10.715	164	224508	100.654	ug/l	98
65) Chlorobenzene	11.514	112	581583	99.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	222607	102.876	ug/l	98
67) Ethyl Benzene	11.587	91	1059936	103.477	ug/l	96
68) m/p-Xylenes	11.697	106	848848	208.224	ug/l	91
69) o-Xylene	12.026	106	402559	105.522	ug/l	90
70) Styrene	12.038	104	683788	107.765	ug/l	94
71) Bromoform	12.203	173	141328	103.498	ug/l #	100
73) Isopropylbenzene	12.325	105	1033817	103.143	ug/l	99
74) N-amyl acetate	12.142	43	296293	111.151	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	199537	99.405	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	264325	185.339	ug/l #	100
77) Bromobenzene	12.605	156	254140	100.830	ug/l	90
78) n-propylbenzene	12.666	91	1247953	103.039	ug/l	98
79) 2-Chlorotoluene	12.751	91	688683	102.559	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	856287	103.388	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	74177	106.059	ug/l #	85
82) 4-Chlorotoluene	12.849	91	709783	101.887	ug/l	96
83) tert-Butylbenzene	13.068	119	771241	104.813	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	861537	104.014	ug/l	97
85) sec-Butylbenzene	13.251	105	1126543	103.262	ug/l	99
86) p-Isopropyltoluene	13.367	119	967873	105.568	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	503084	100.900	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	491921	99.507	ug/l	97
89) n-Butylbenzene	13.690	91	876449	104.673	ug/l	99
90) Hexachloroethane	13.958	117	177201	100.322	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	438520	100.677	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31863	104.340	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	285969	104.604	ug/l	99
94) Hexachlorobutadiene	15.111	225	161523	99.595	ug/l	98
95) Naphthalene	15.233	128	580473	111.213	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	251960	104.920	ug/l	100

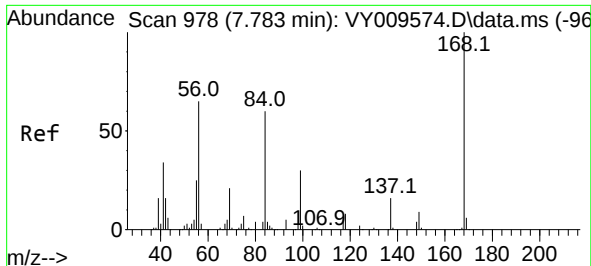
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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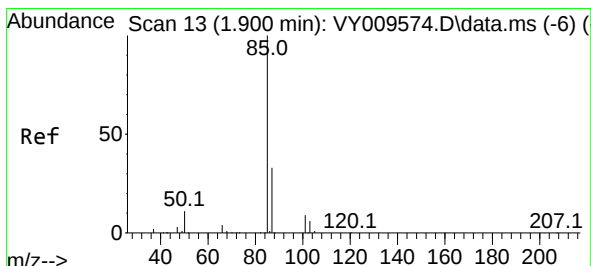
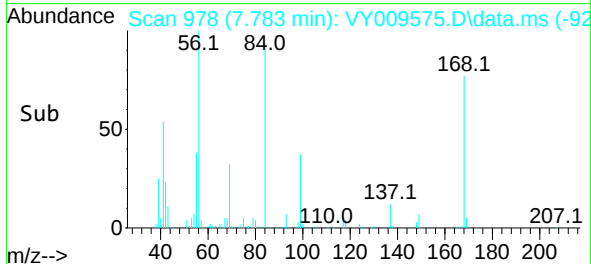
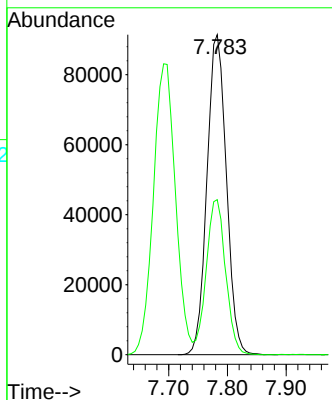
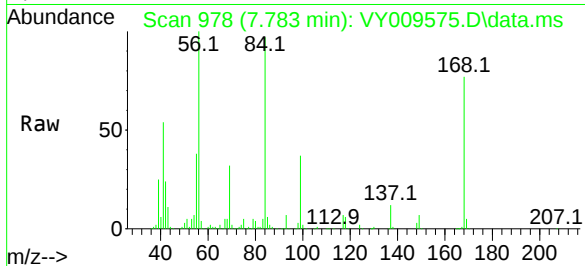
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

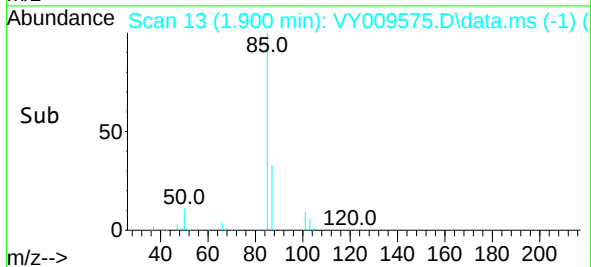
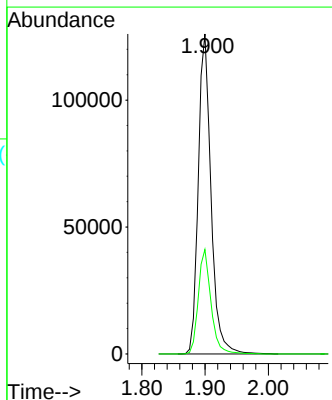
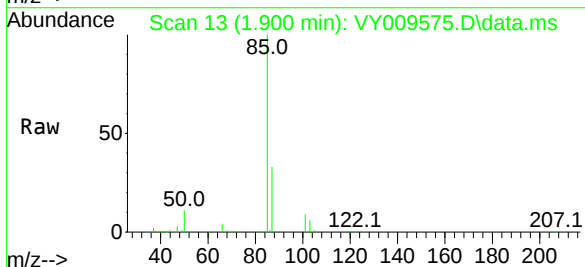
Instrument :
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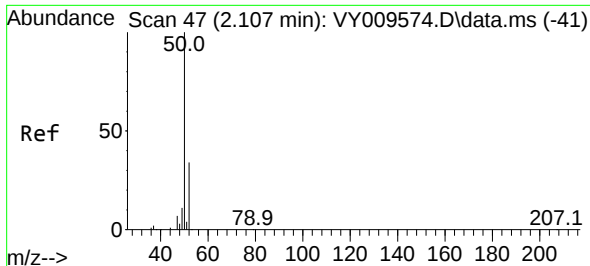
Tgt Ion:168 Resp: 209606
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 96.123 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 85 Resp: 176791
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

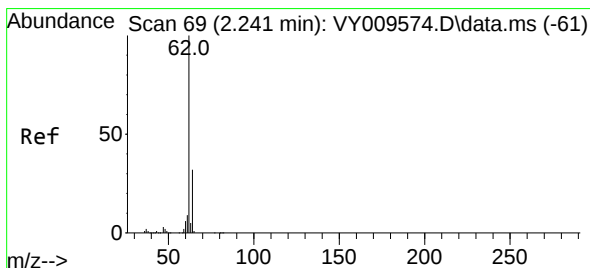
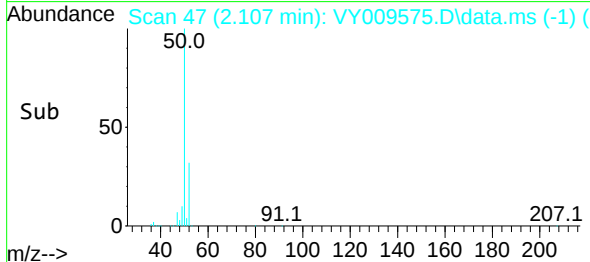
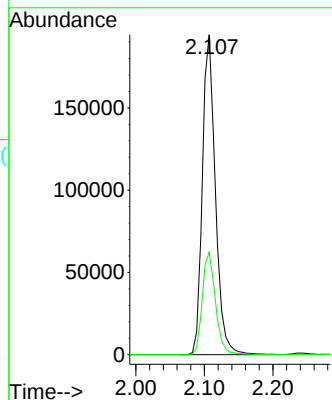
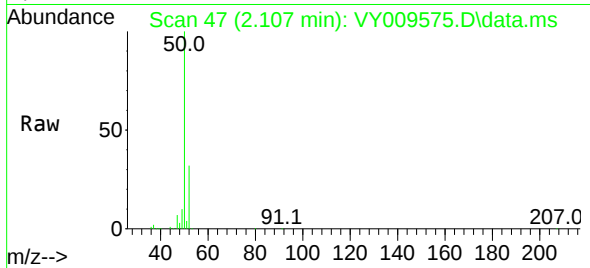




#3
Chloromethane
Concen: 94.471 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

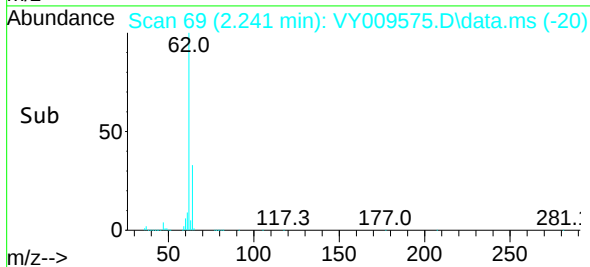
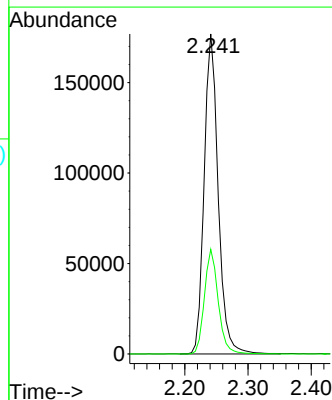
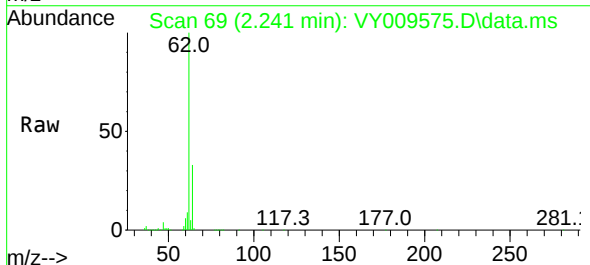
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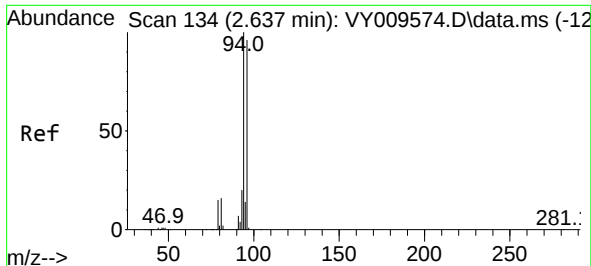
Tgt Ion: 50 Resp: 257487
Ion Ratio Lower Upper
50 100
52 32.1 24.6 37.0



#4
Vinyl Chloride
Concen: 95.855 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 62 Resp: 273207
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

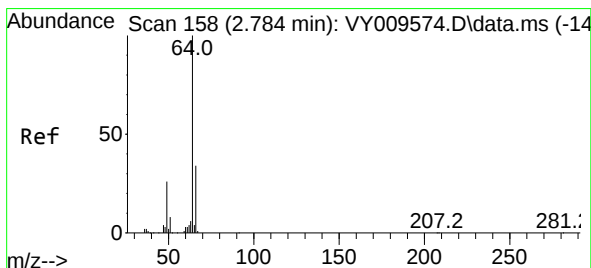
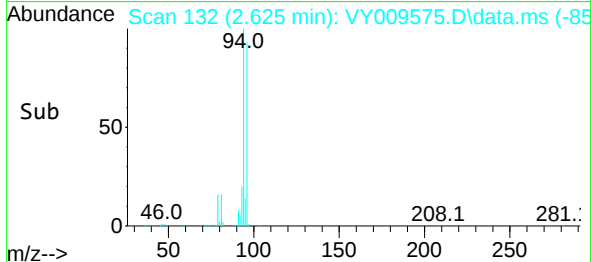
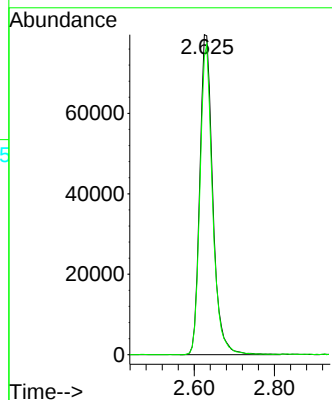
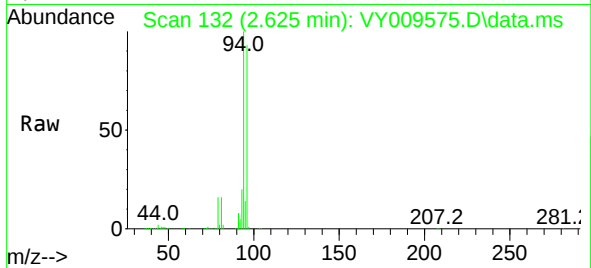




#5
Bromomethane
Concen: 92.497 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

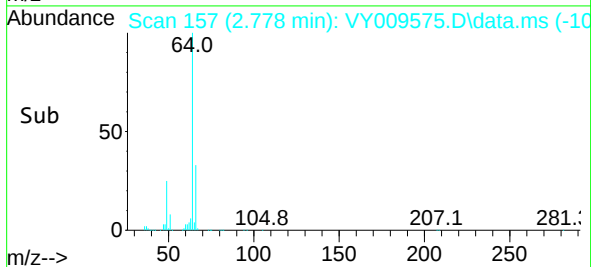
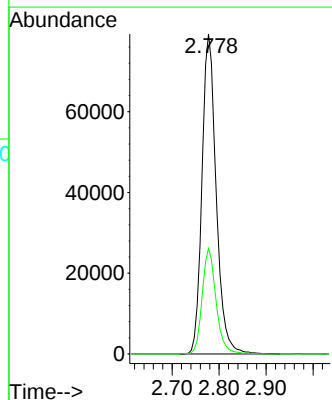
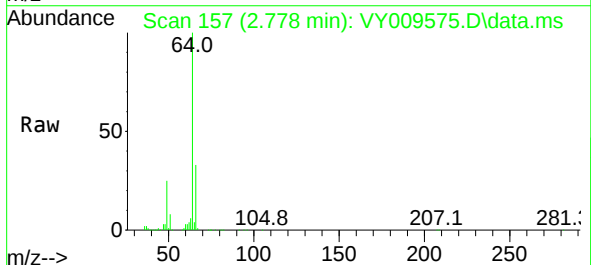
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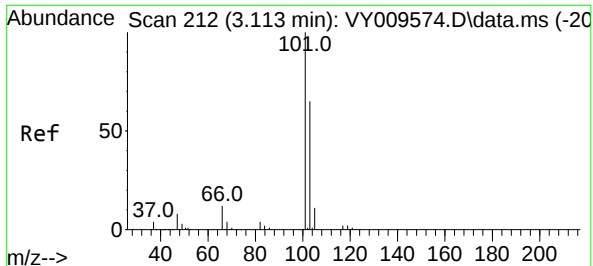
Tgt Ion: 94 Resp: 178439
Ion Ratio Lower Upper
94 100
96 93.2 73.5 110.3



#6
Chloroethane
Concen: 95.972 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 64 Resp: 166160
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.0

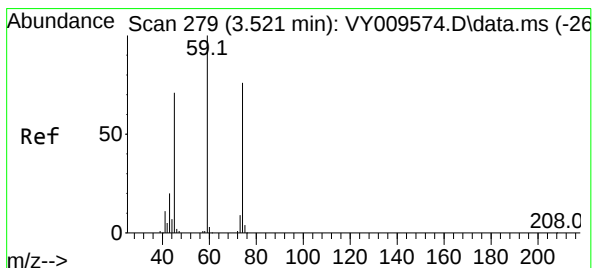
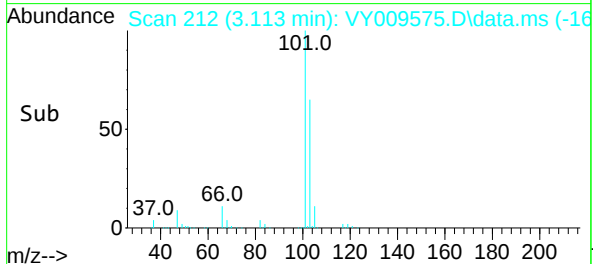
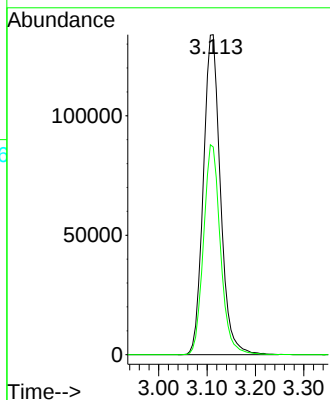
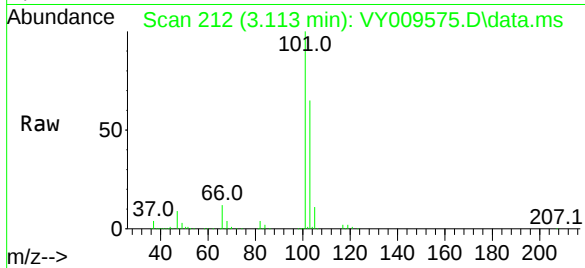




#7
 Trichlorofluoromethane
 Concen: 97.525 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY009575.D
 Acq: 18 Jul 2022 16:03

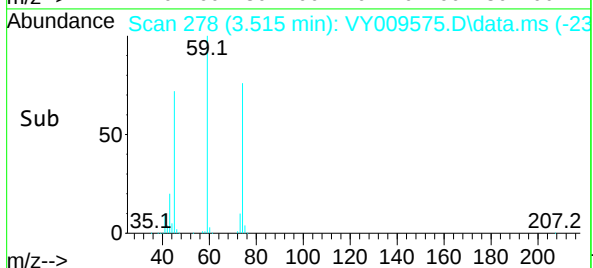
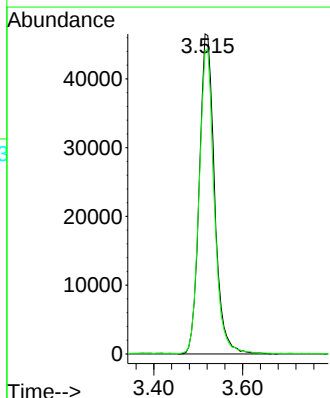
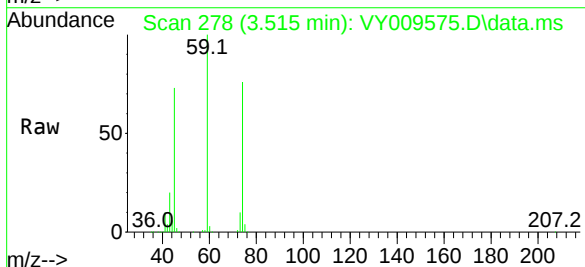
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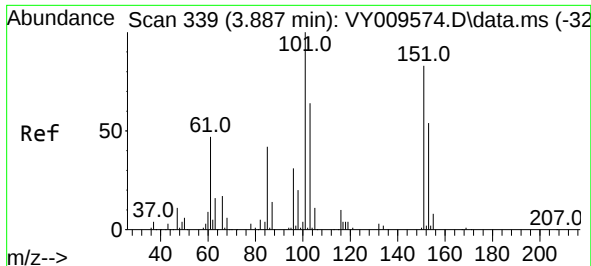
Tgt Ion:101 Resp: 329385
 Ion Ratio Lower Upper
 101 100
 103 64.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 100.868 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY009575.D
 Acq: 18 Jul 2022 16:03

Tgt Ion: 74 Resp: 111462
 Ion Ratio Lower Upper
 74 100
 45 93.9 55.1 165.5

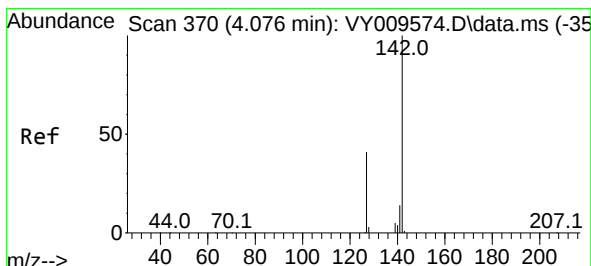
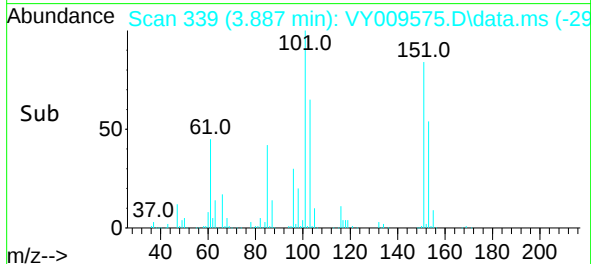
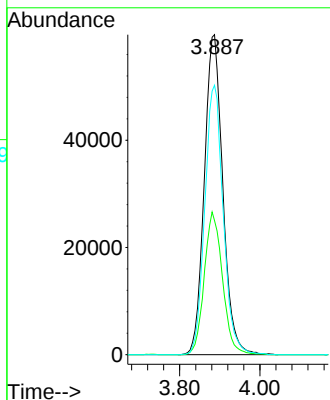
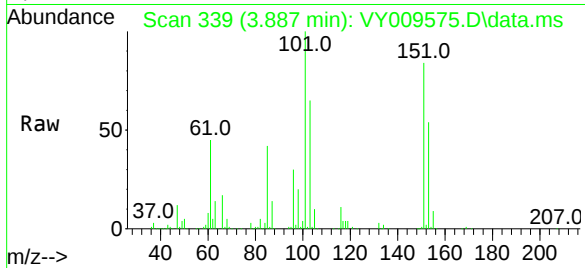




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.888 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009575.D
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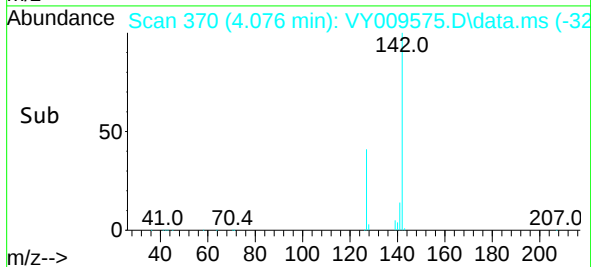
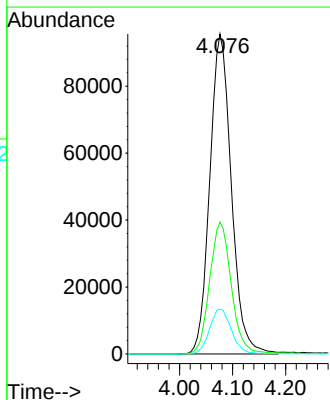
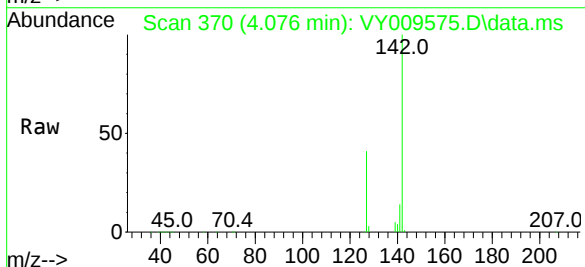
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

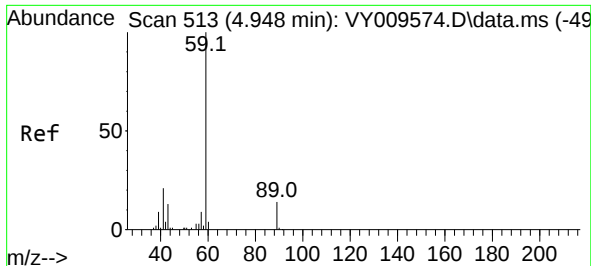
Tgt Ion:101 Resp: 191355
Ion Ratio Lower Upper
101 100
85 44.0 40.6 60.8
151 84.1 64.9 97.3



#10
Methyl Iodide
Concen: 102.844 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion:142 Resp: 269811
Ion Ratio Lower Upper
142 100
127 41.6 41.5 62.3
141 14.2 11.9 17.9

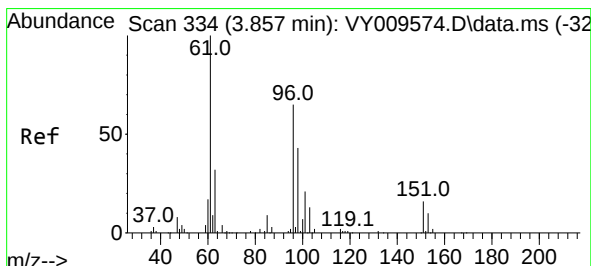
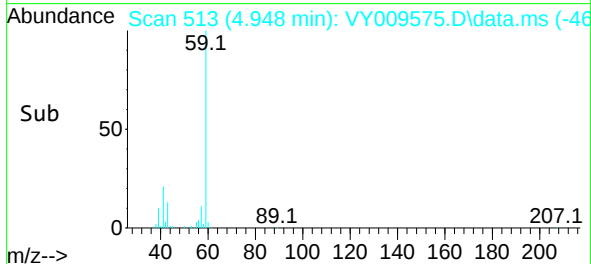
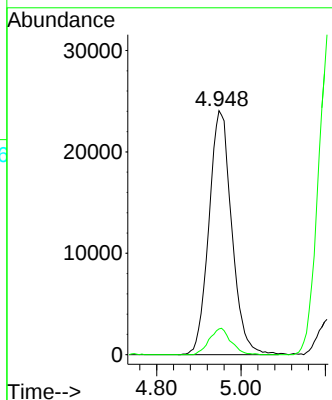
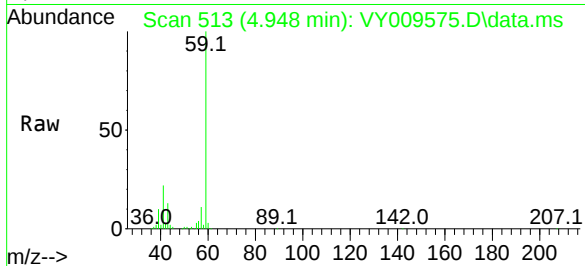




#11
Tert butyl alcohol
Concen: 386.609 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

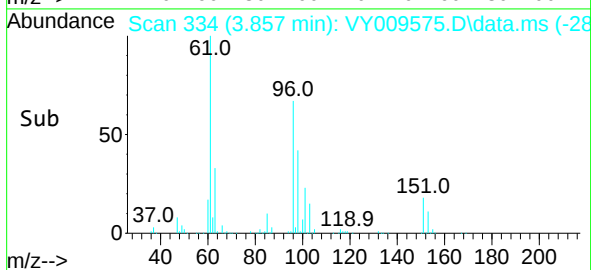
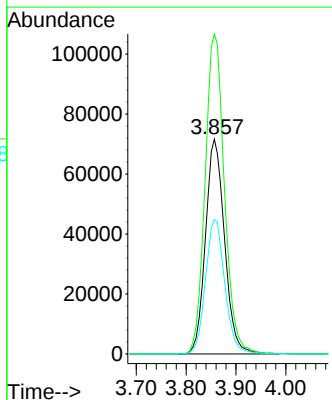
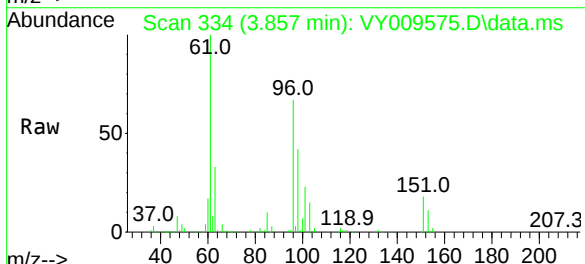
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

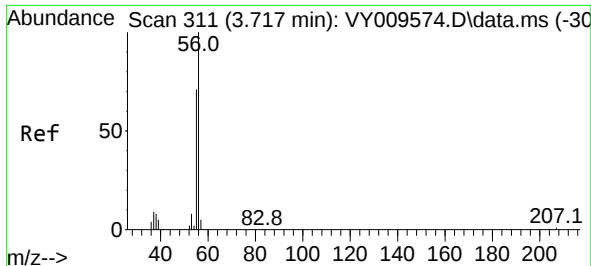
Tgt Ion: 59 Resp: 90286
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 98.714 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 96 Resp: 190278
Ion Ratio Lower Upper
96 100
61 148.9 145.8 218.6
98 62.6 52.5 78.7





#13

Acrolein

Concen: 486.929 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

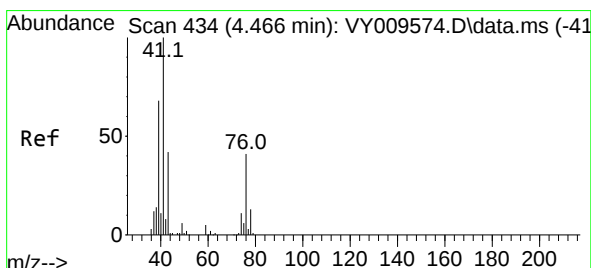
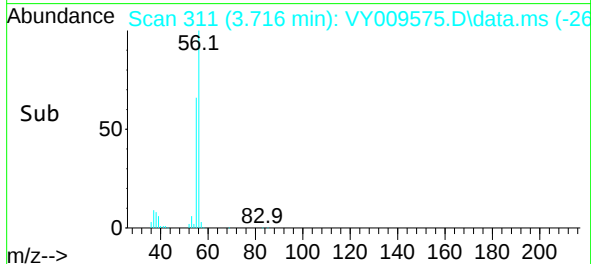
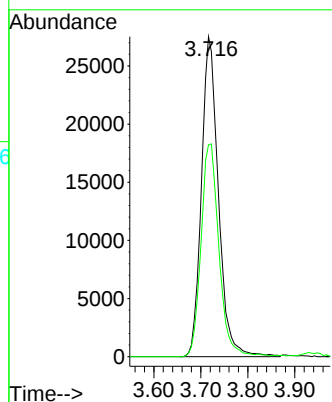
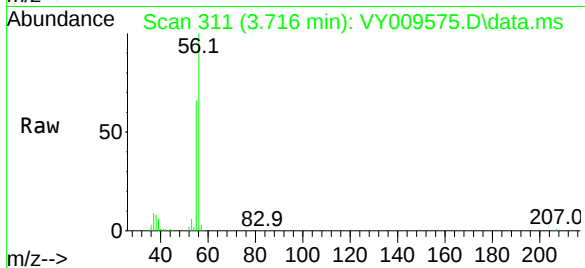
VSTDIC100

Tgt Ion: 56 Resp: 69009

Ion Ratio Lower Upper

56 100

55 69.7 57.6 86.4



#14

Allyl chloride

Concen: 101.634 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

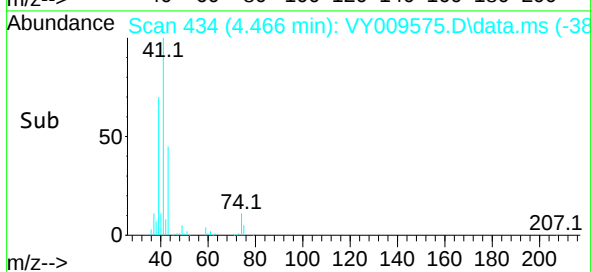
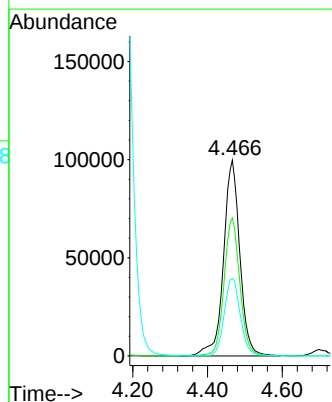
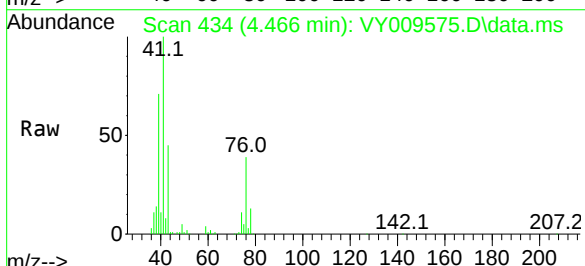
Tgt Ion: 41 Resp: 303050

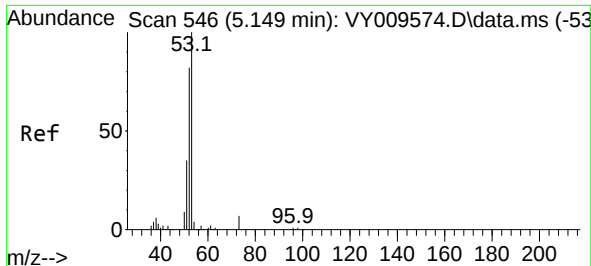
Ion Ratio Lower Upper

41 100

39 68.5 58.8 88.2

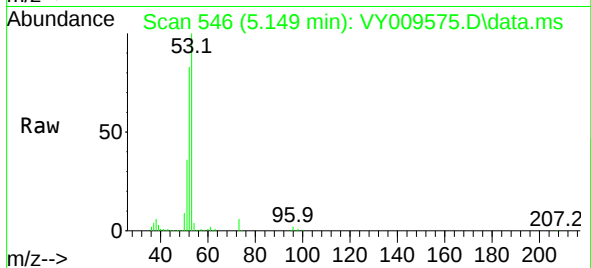
76 38.9 25.1 37.7#



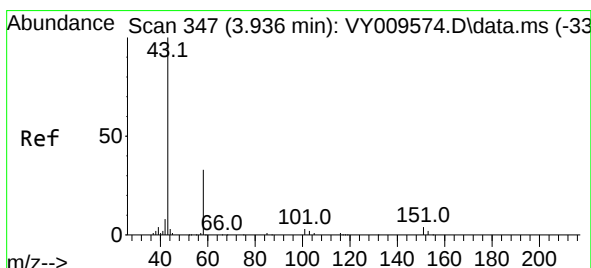
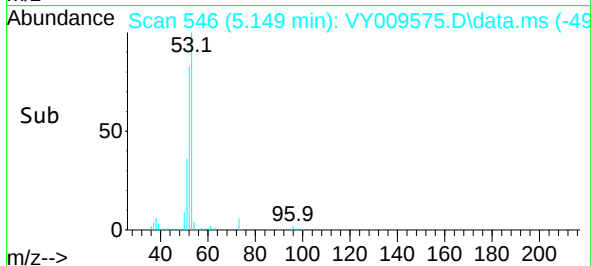
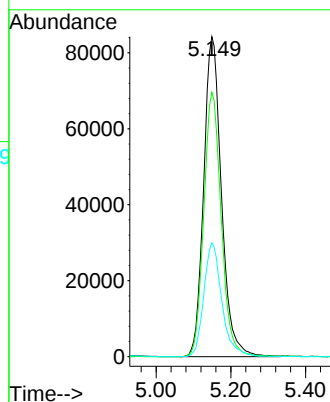


#15
Acrylonitrile
Concen: 509.333 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

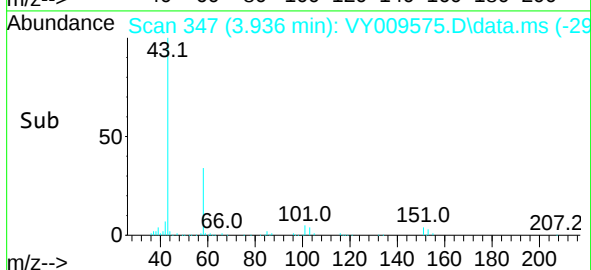
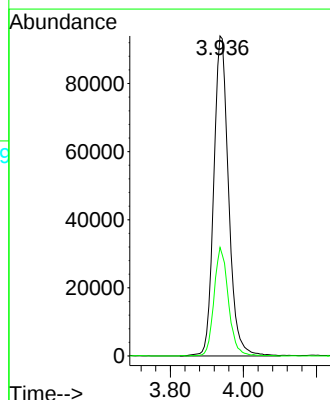
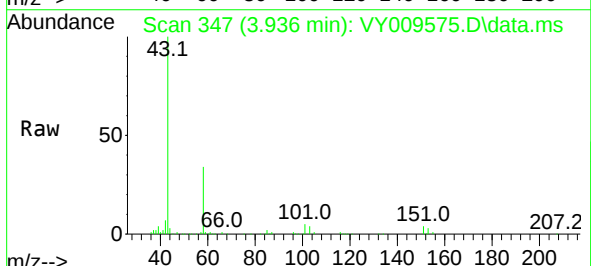


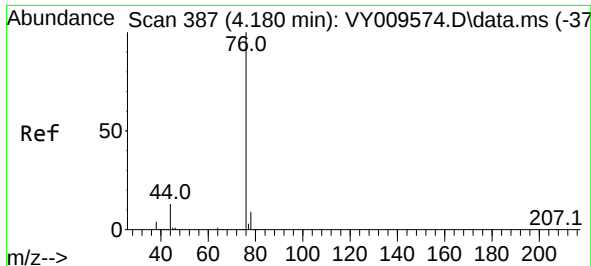
Tgt Ion: 53 Resp: 277974
Ion Ratio Lower Upper
53 100
52 81.3 67.0 100.4
51 36.1 29.8 44.6



#16
Acetone
Concen: 527.110 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 43 Resp: 264333
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#

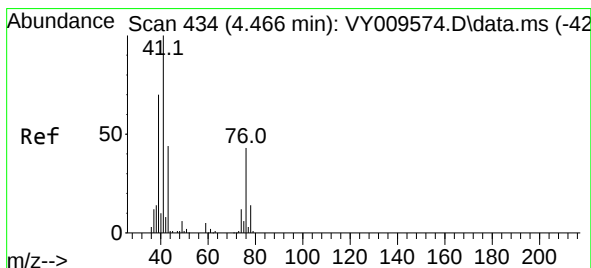
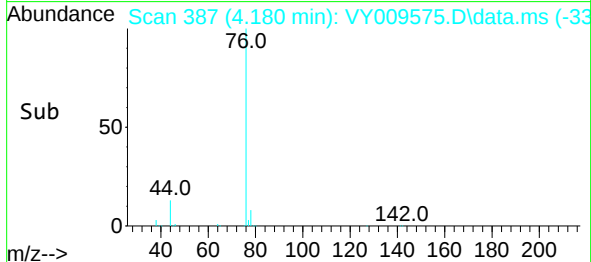
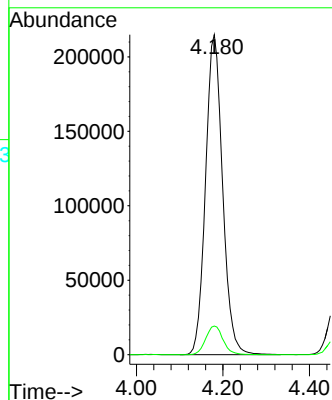
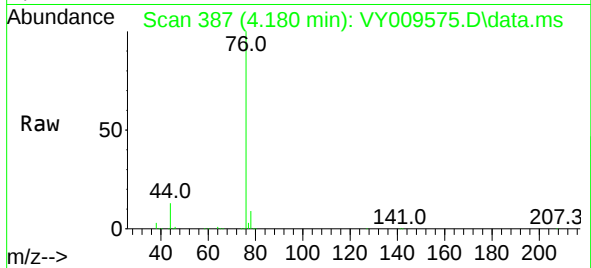




#17
Carbon Disulfide
Concen: 97.858 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

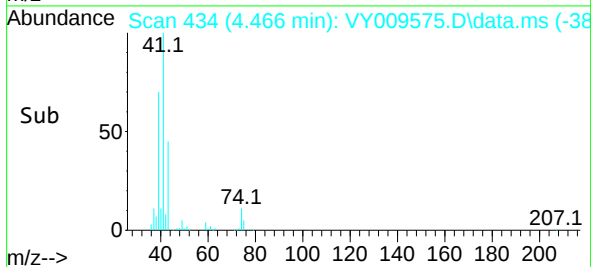
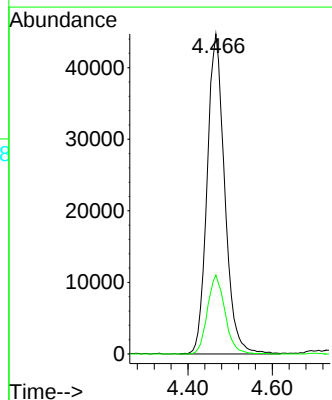
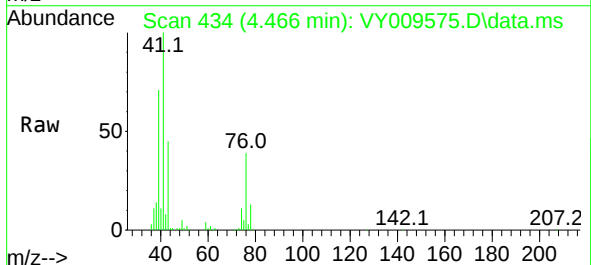
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

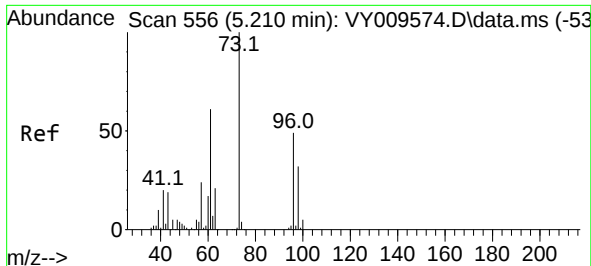
Tgt Ion: 76 Resp: 586395
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 92.107 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 43 Resp: 129656
Ion Ratio Lower Upper
43 100
74 24.6 16.6 24.8

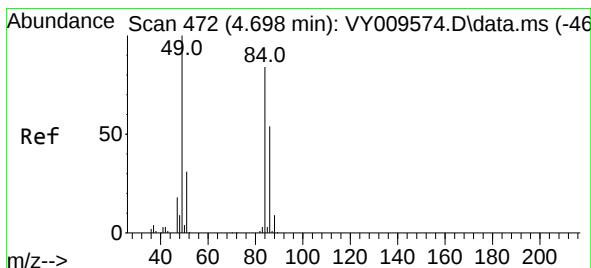
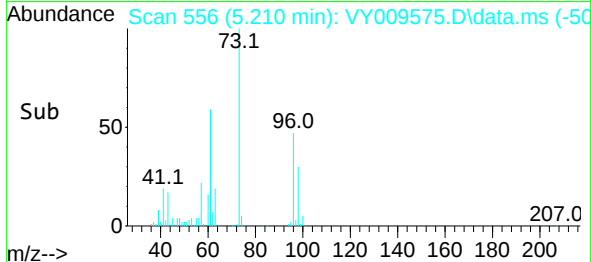
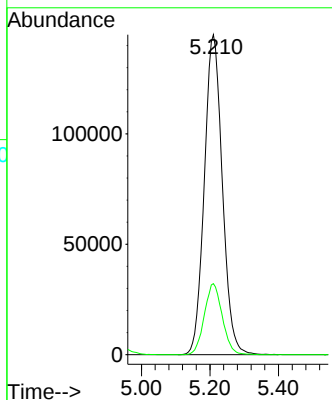
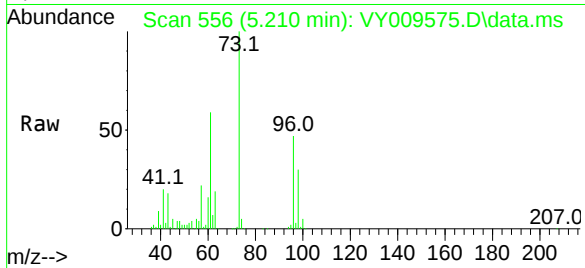




#19
Methyl tert-butyl Ether
Concen: 104.341 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

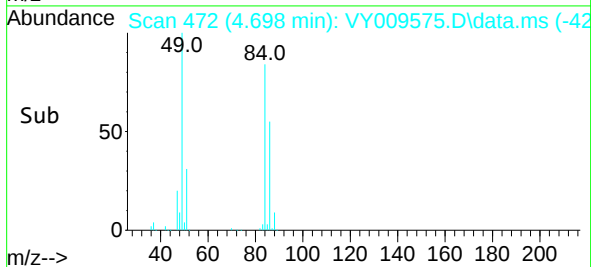
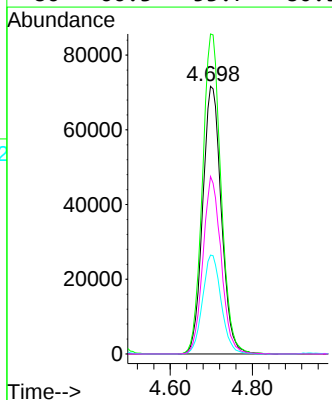
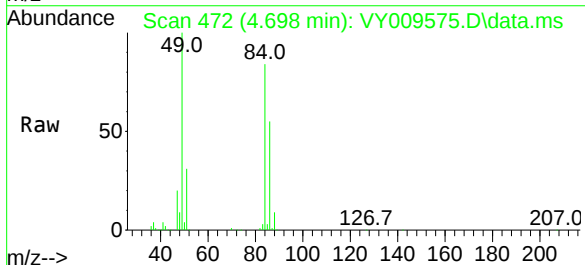
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

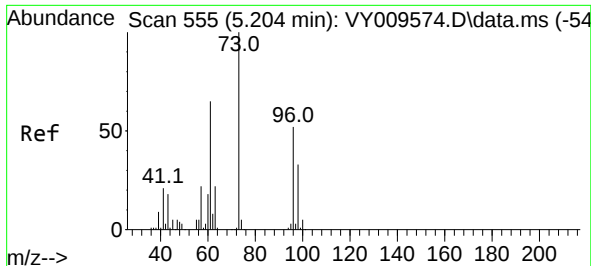
Tgt Ion: 73 Resp: 530074
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8



#20
Methylene Chloride
Concen: 62.862 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 84 Resp: 225419
Ion Ratio Lower Upper
84 100
49 119.5 114.4 171.6
51 36.9 35.3 52.9
86 66.3 53.7 80.5

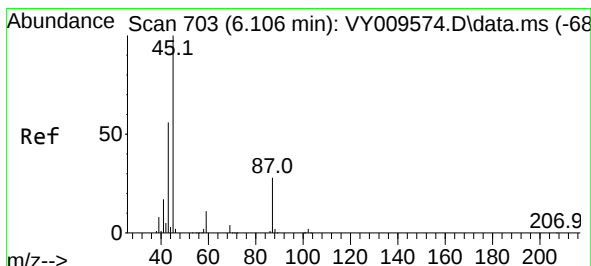
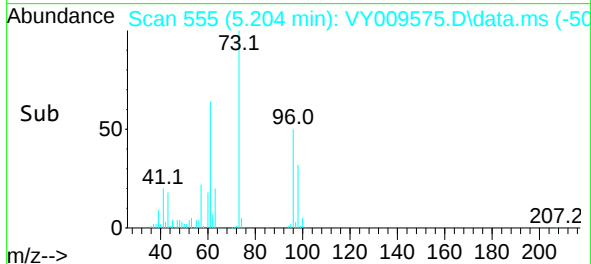
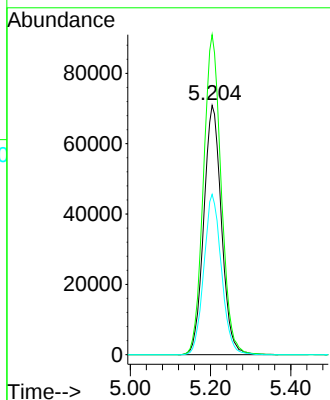
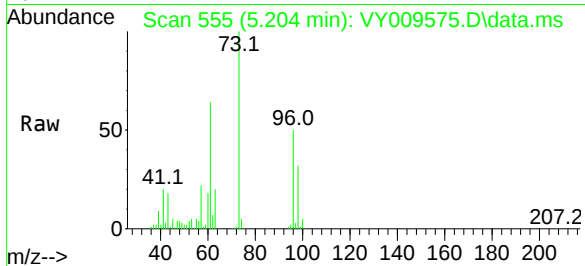




#21
trans-1,2-Dichloroethene
Concen: 99.509 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

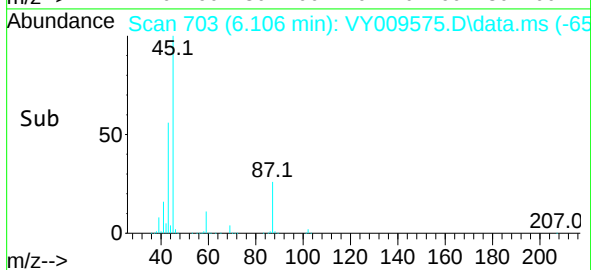
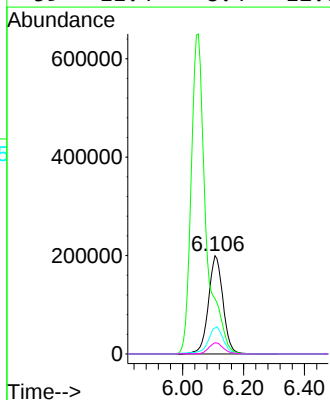
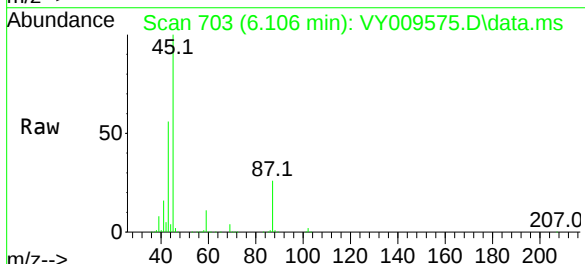
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

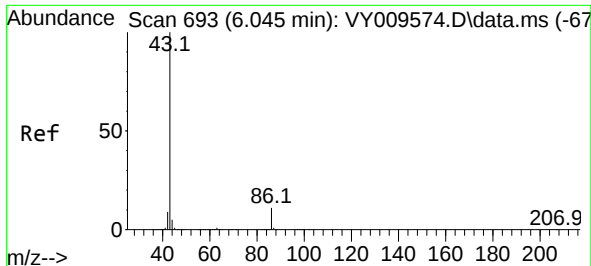
Tgt Ion: 96 Resp: 217095
Ion Ratio Lower Upper
96 100
61 128.3 120.5 180.7
98 64.3 49.8 74.8



#22
Diisopropyl ether
Concen: 104.122 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 45 Resp: 662963
Ion Ratio Lower Upper
45 100
43 56.3 49.3 73.9
87 26.3 19.2 28.8
59 11.4 8.4 12.6

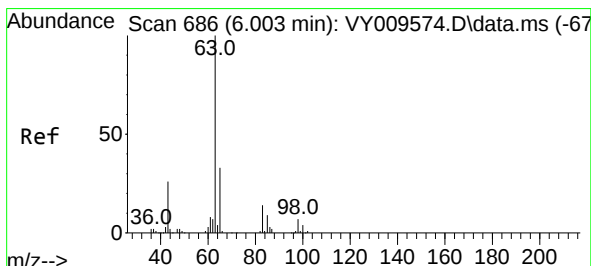
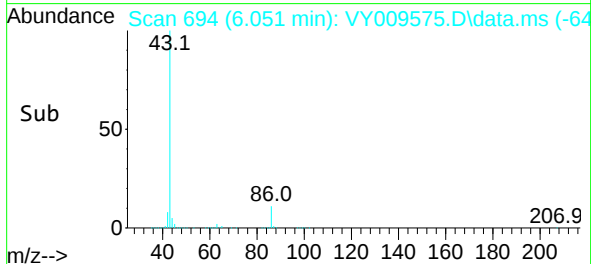
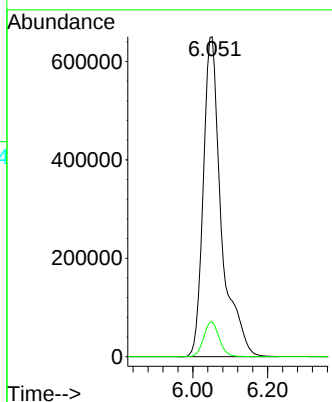
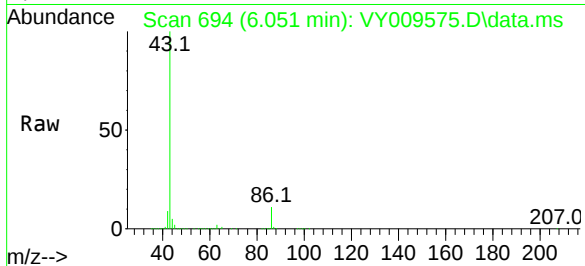




#23
 Vinyl Acetate
 Concen: 543.455 ug/l
 RT: 6.051 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY009575.D
 Acq: 18 Jul 2022 16:03

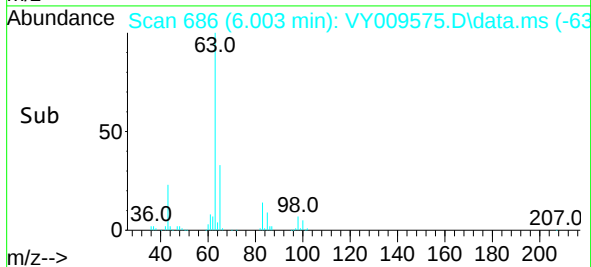
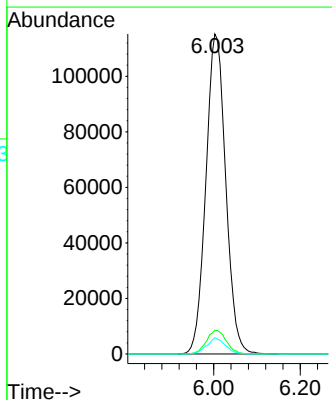
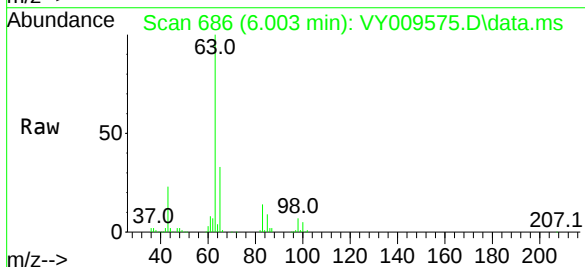
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

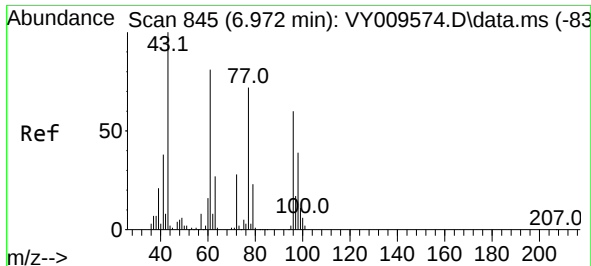
Tgt Ion: 43 Resp: 2183236
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 99.593 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009575.D
 Acq: 18 Jul 2022 16:03

Tgt Ion: 63 Resp: 366254
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 5.0 2.0 5.8

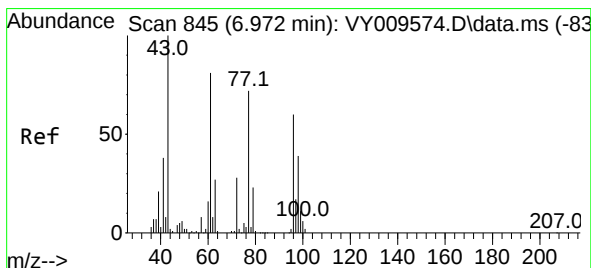
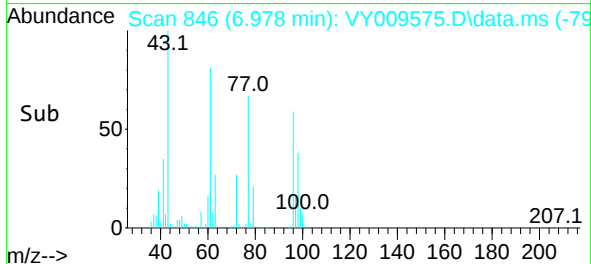
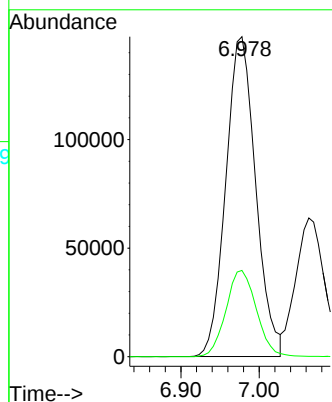
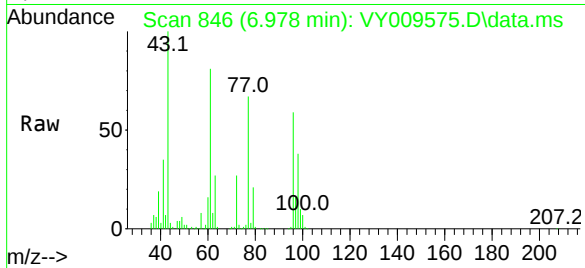




#25
2-Butanone
Concen: 534.570 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

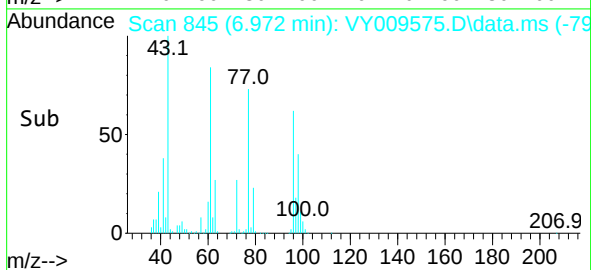
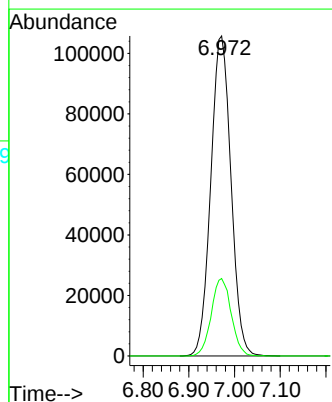
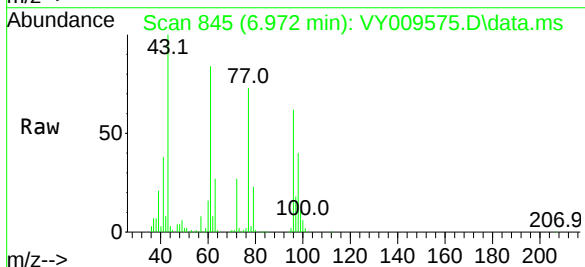
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

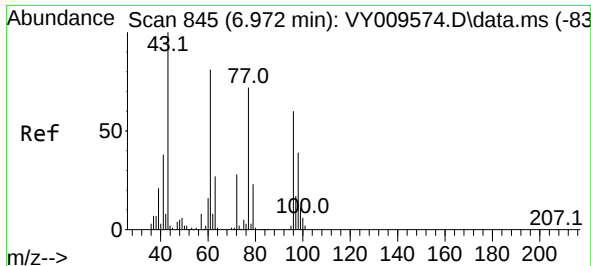
Tgt Ion: 43 Resp: 391036
Ion Ratio Lower Upper
43 100
72 27.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 98.471 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 77 Resp: 324408
Ion Ratio Lower Upper
77 100
97 23.8 10.4 31.4

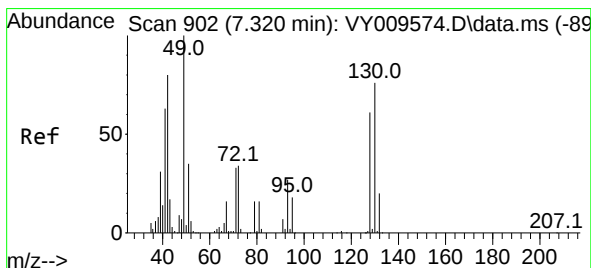
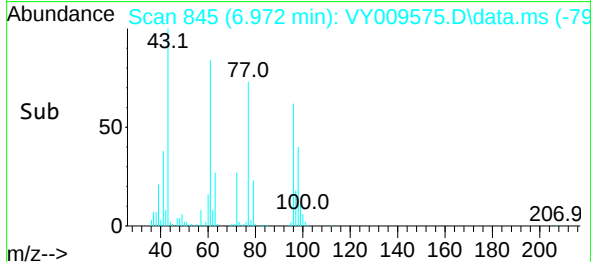
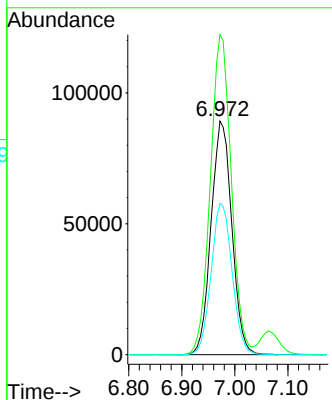
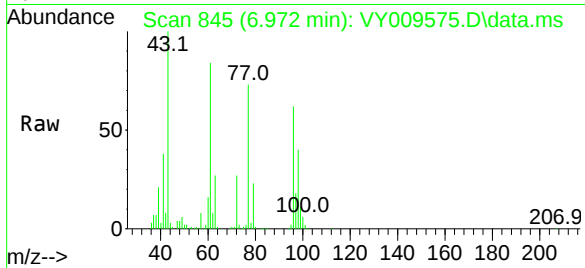




#27
 cis-1,2-Dichloroethene
 Concen: 100.596 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. -0.000 min
 Lab File: VY009575.D
 Acq: 18 Jul 2022 16:03

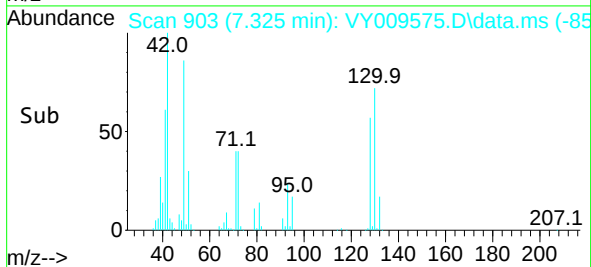
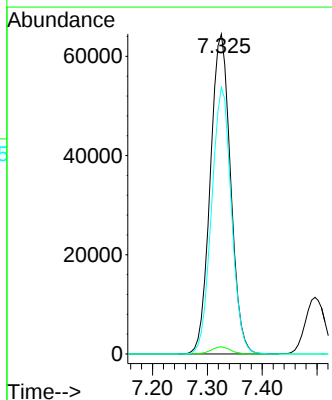
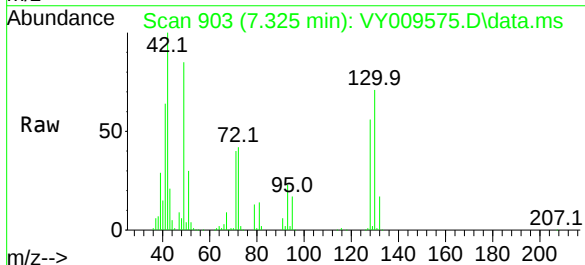
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

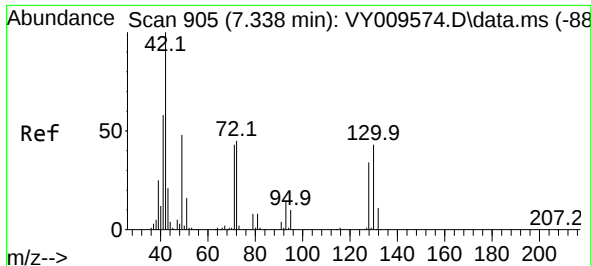
Tgt Ion: 96 Resp: 242646
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 319.8
 98 65.3 0.0 127.0



#28
 Bromochloromethane
 Concen: 105.077 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. 0.006 min
 Lab File: VY009575.D
 Acq: 18 Jul 2022 16:03

Tgt Ion: 49 Resp: 165568
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 2.2
 130 81.4 55.4 83.0





#29

Tetrahydrofuran

Concen: 526.756 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

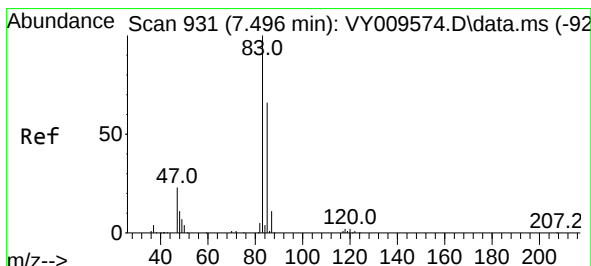
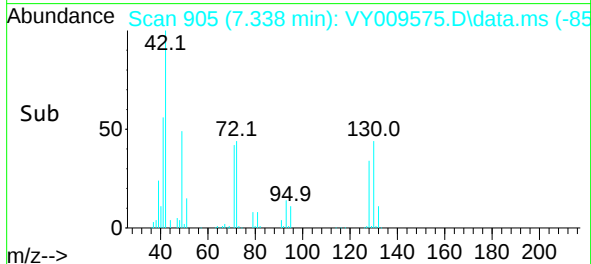
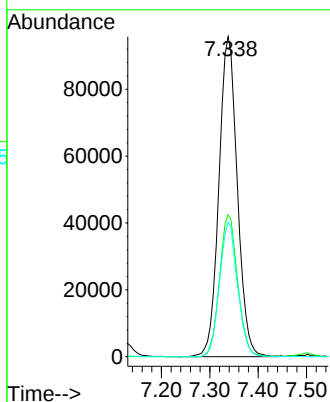
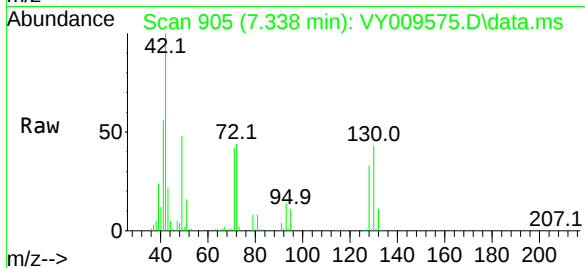
Tgt Ion: 42 Resp: 252978

Ion Ratio Lower Upper

42 100

72 43.8 30.3 45.5

71 40.9 29.0 43.4



#30

Chloroform

Concen: 99.528 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009575.D

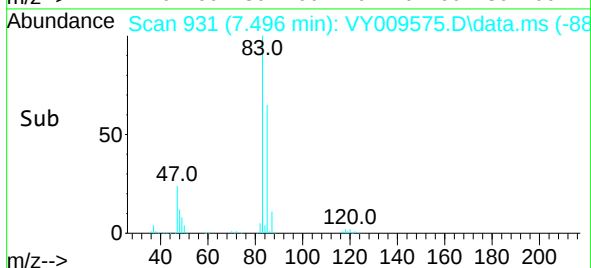
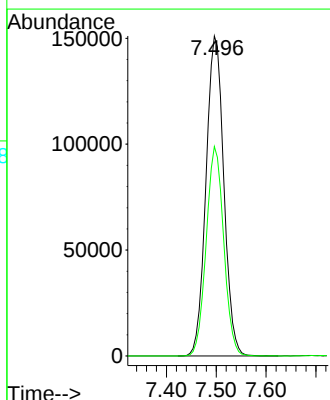
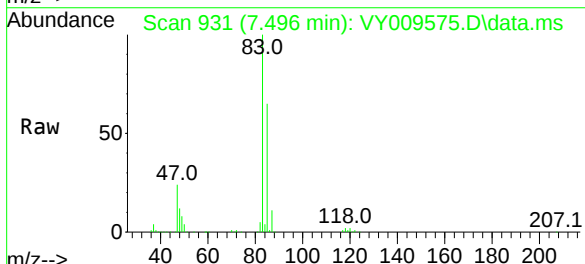
Acq: 18 Jul 2022 16:03

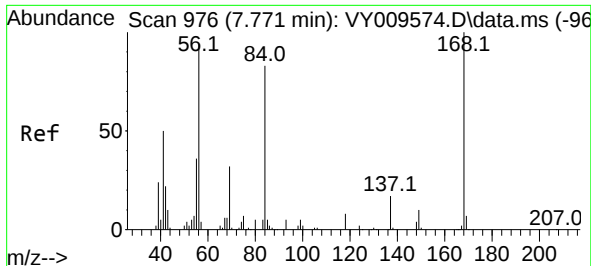
Tgt Ion: 83 Resp: 374419

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

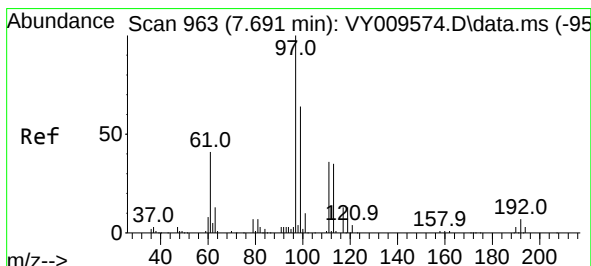
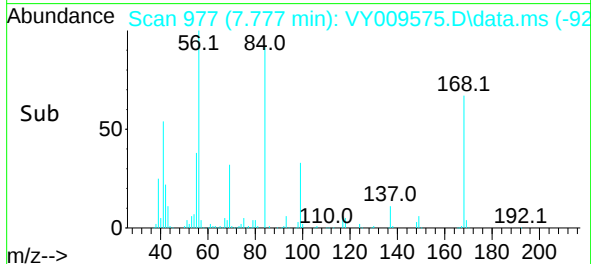
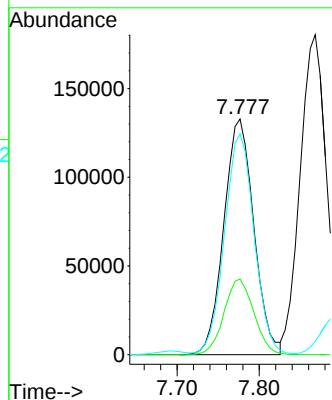
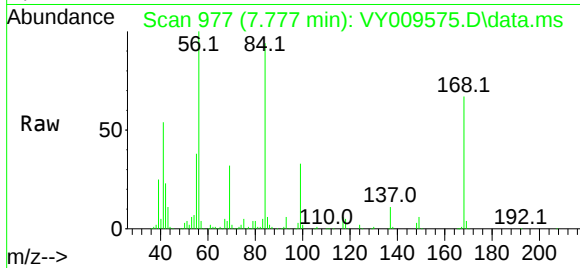




#31
Cyclohexane
Concen: 96.607 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

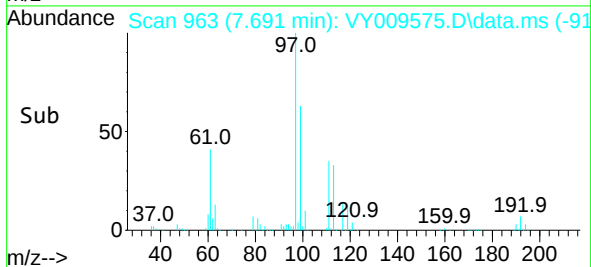
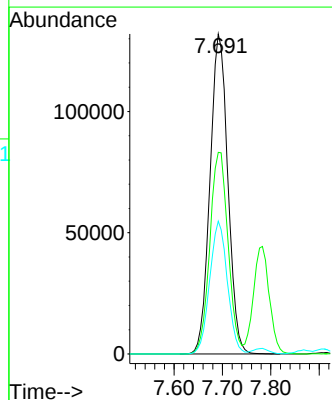
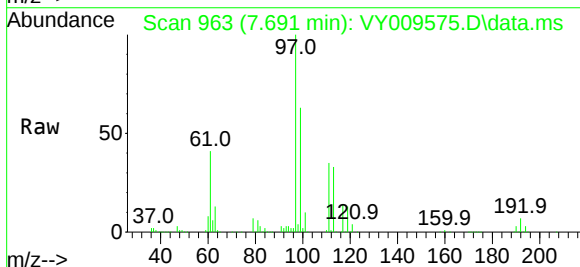
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

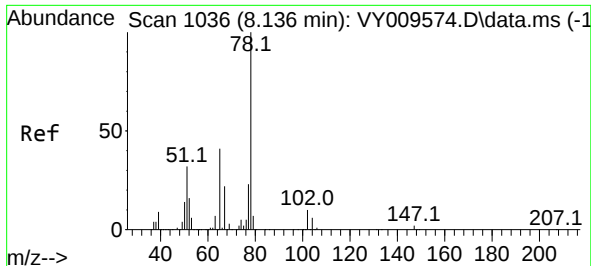
Tgt Ion: 56 Resp: 337685
Ion Ratio Lower Upper
56 100
69 32.1 26.7 40.1
84 92.5 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 100.143 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 97 Resp: 337914
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 41.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 98.701 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

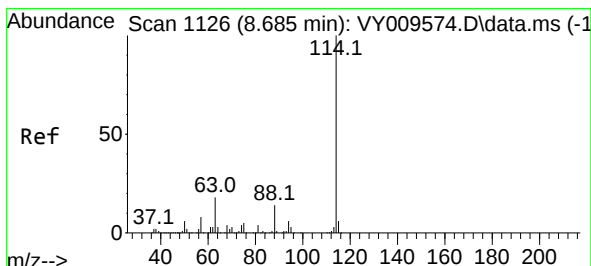
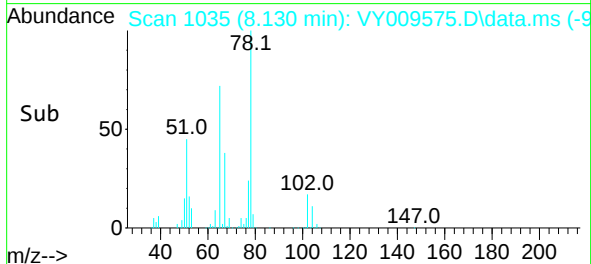
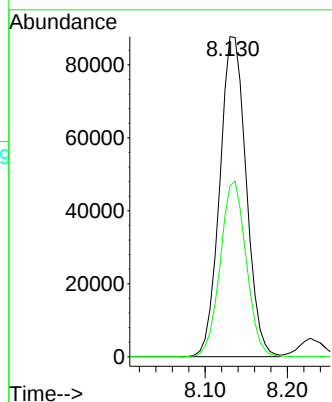
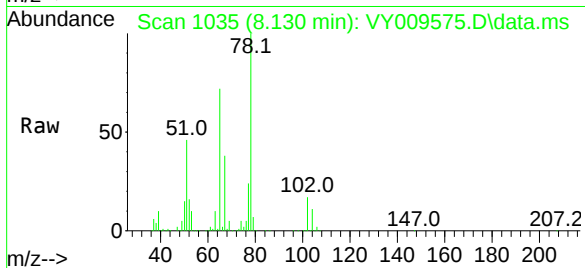
VSTDIC100

Tgt Ion: 65 Resp: 195661

Ion Ratio Lower Upper

65 100

67 53.9 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: VY009575.D

Acq: 18 Jul 2022 16:03

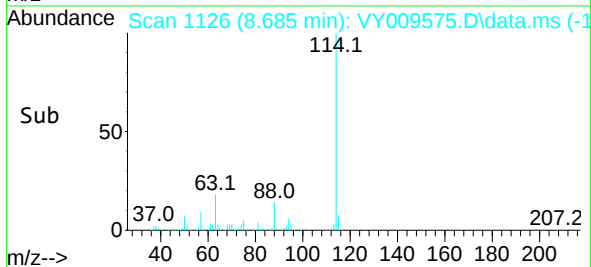
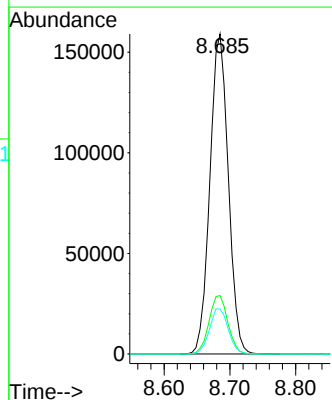
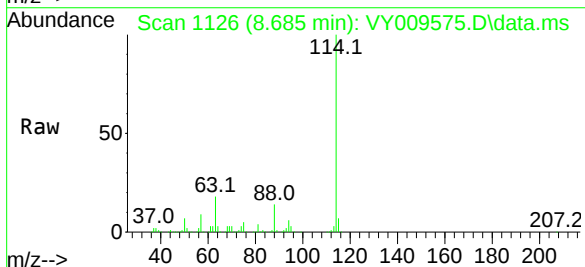
Tgt Ion: 114 Resp: 309443

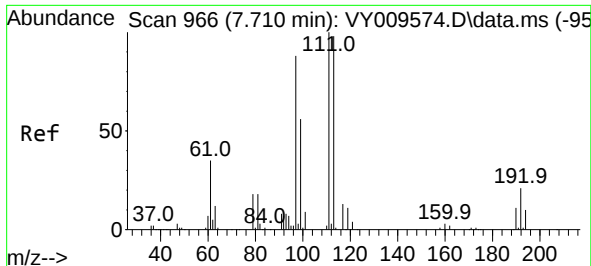
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.1 0.0 31.8

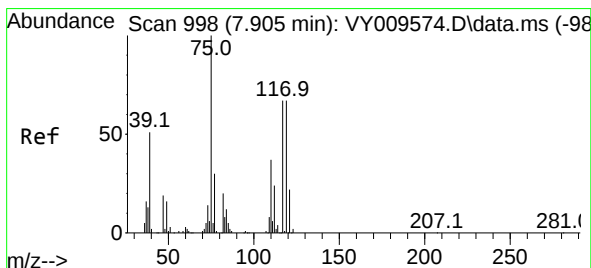
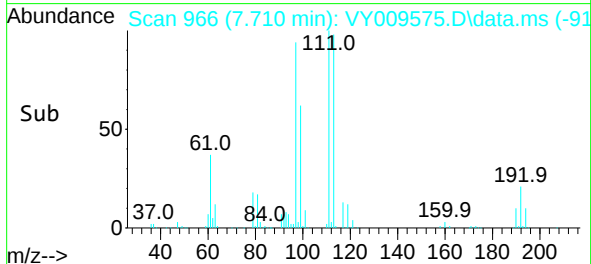
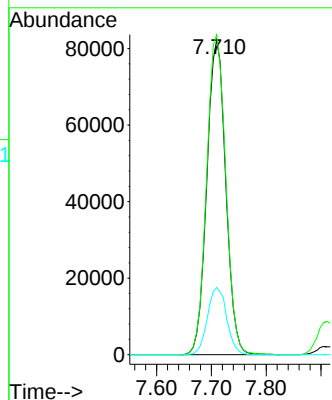
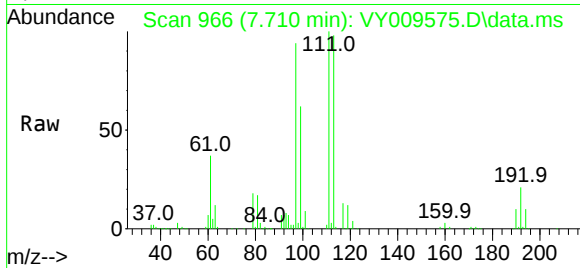




#35
Dibromofluoromethane
Concen: 100.919 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

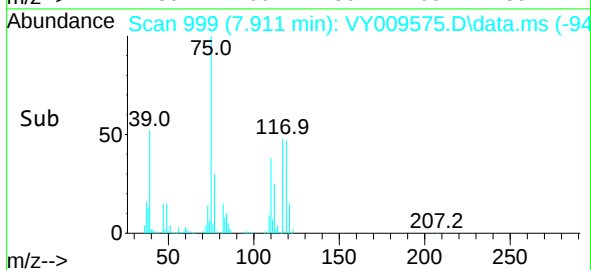
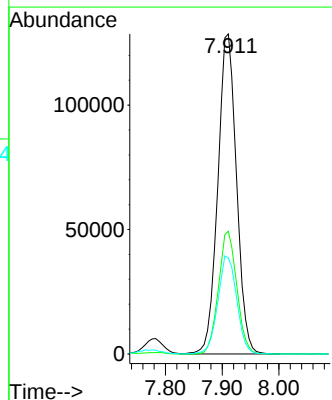
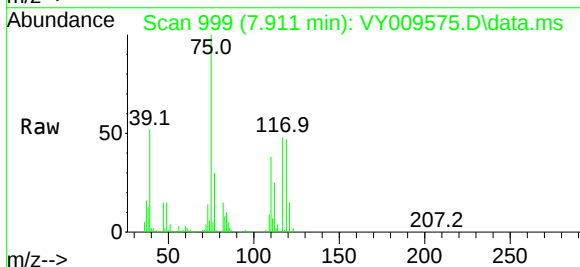
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

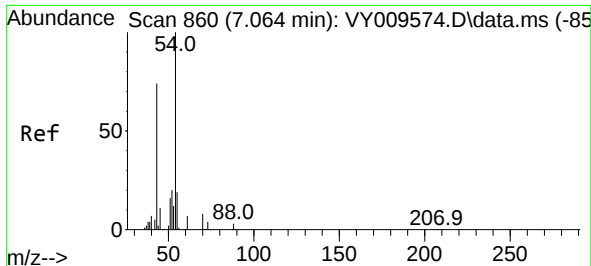
Tgt Ion:113 Resp: 196739
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 102.360 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 75 Resp: 294880
Ion Ratio Lower Upper
75 100
110 37.6 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 104.853 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

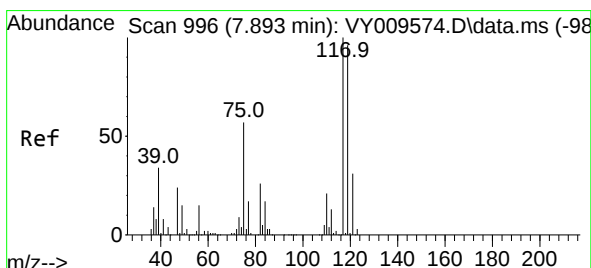
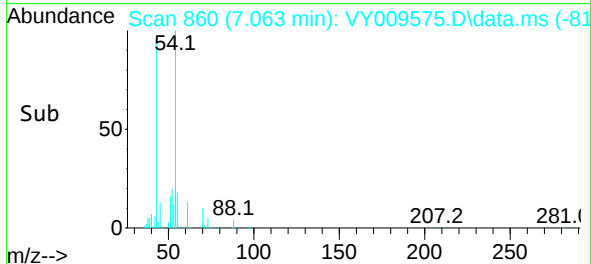
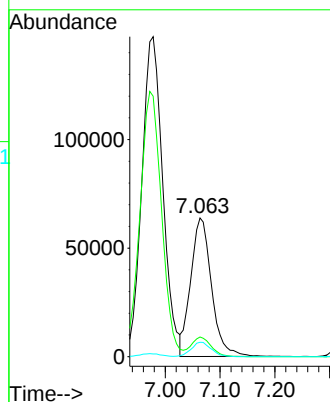
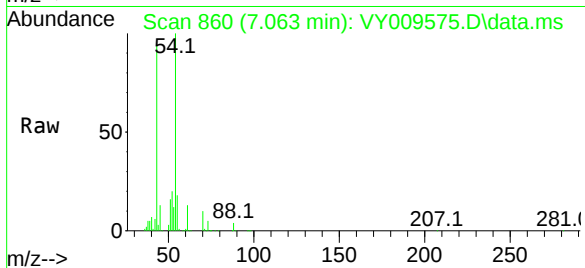
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 168116

Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.7	14.5
70	10.1	7.1	10.7



#38

Carbon Tetrachloride

Concen: 101.755 ug/l

RT: 7.892 min Scan# 996

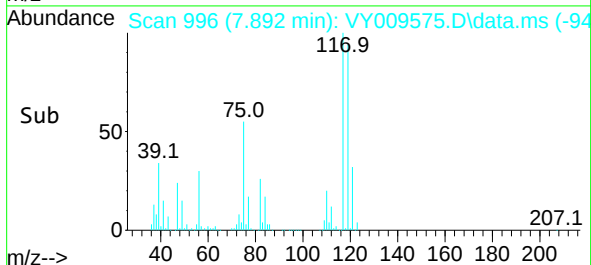
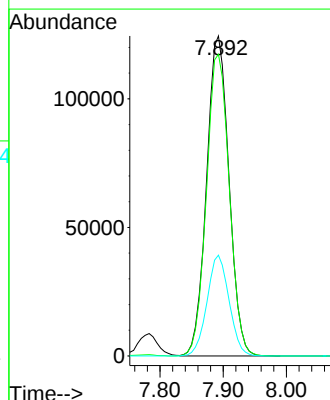
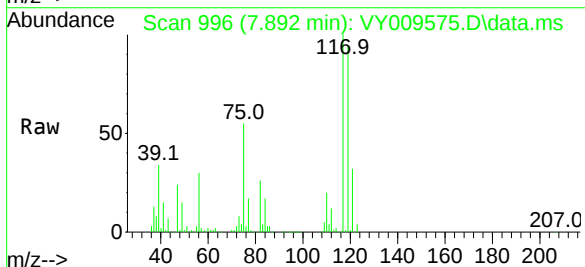
Delta R.T. -0.000 min

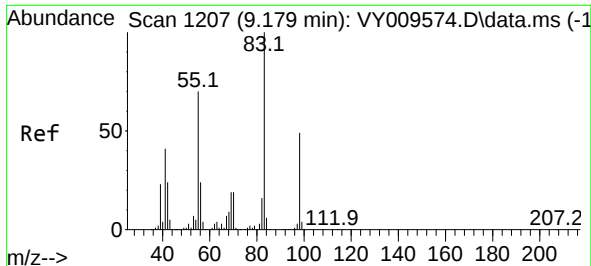
Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Tgt Ion: 117 Resp: 306859

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.9	116.9
121	31.5	24.8	37.2





#39

Methylcyclohexane

Concen: 105.533 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

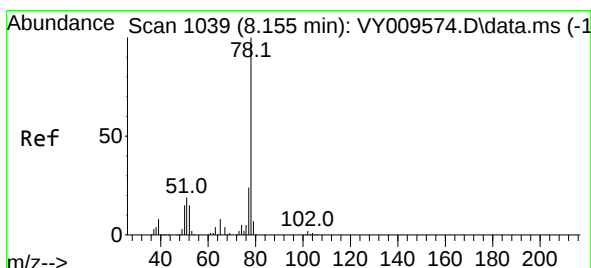
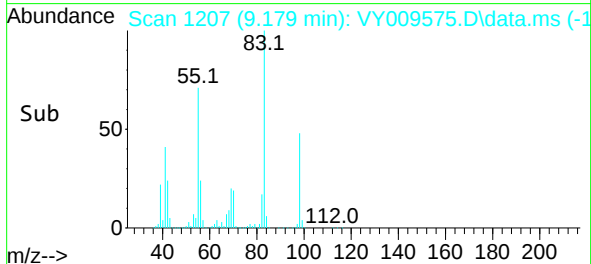
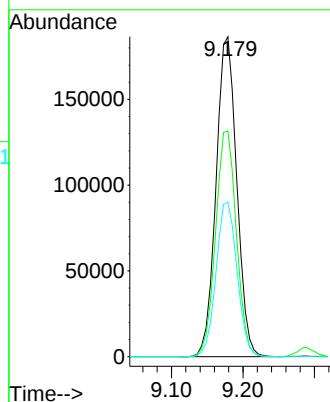
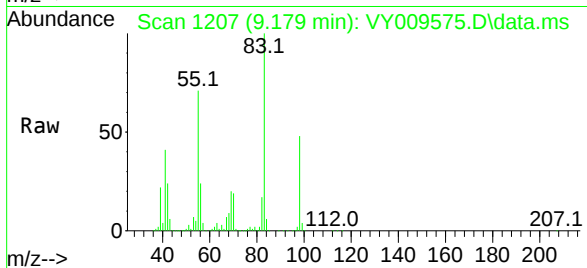
Tgt Ion: 83 Resp: 374867

Ion Ratio Lower Upper

83 100

55 70.6 66.5 99.7

98 48.3 37.9 56.9



#40

Benzene

Concen: 101.417 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009575.D

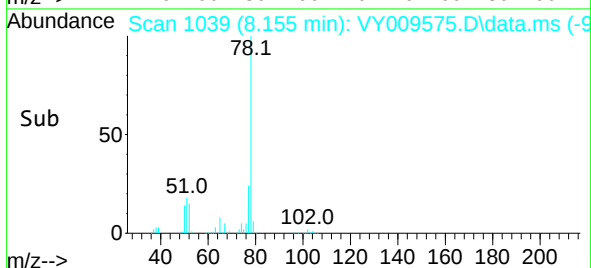
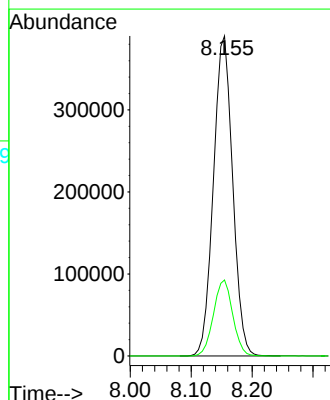
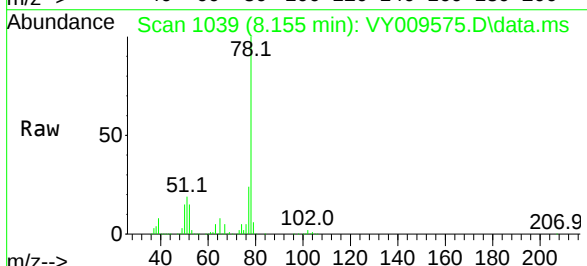
Acq: 18 Jul 2022 16:03

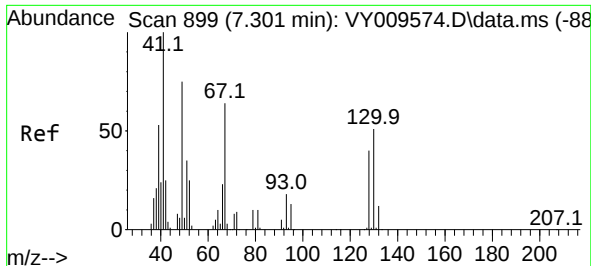
Tgt Ion: 78 Resp: 854892

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

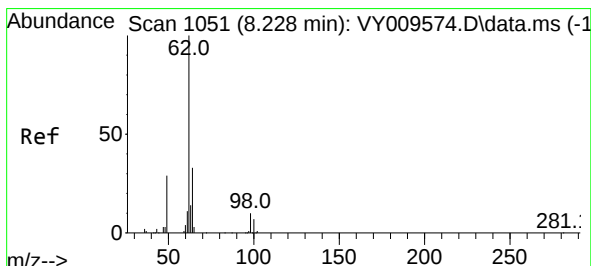
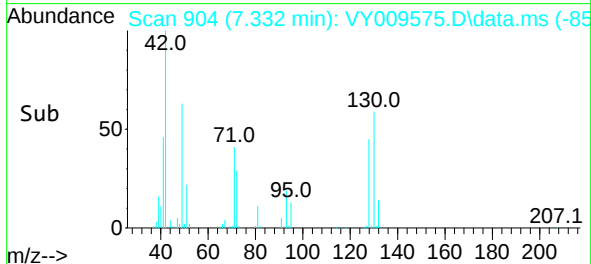
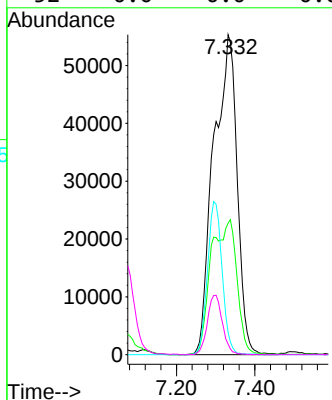
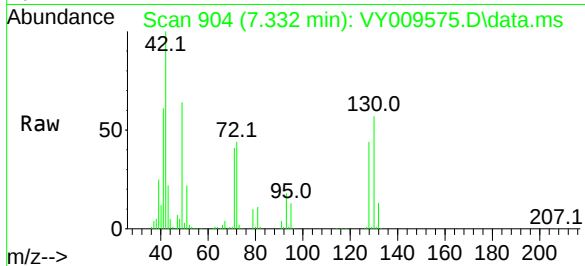




#41
Methacrylonitrile
Concen: 289.372 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

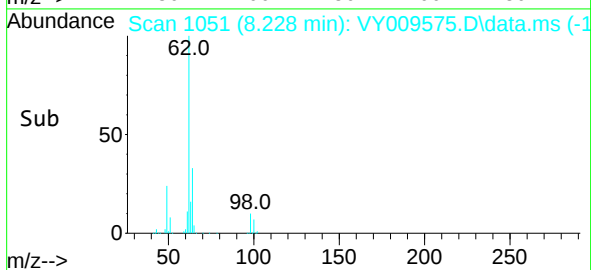
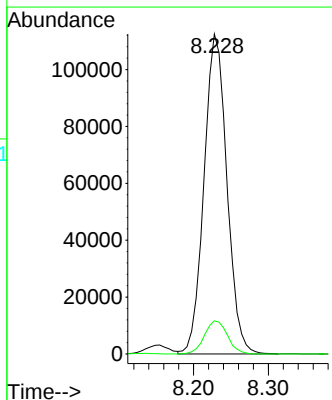
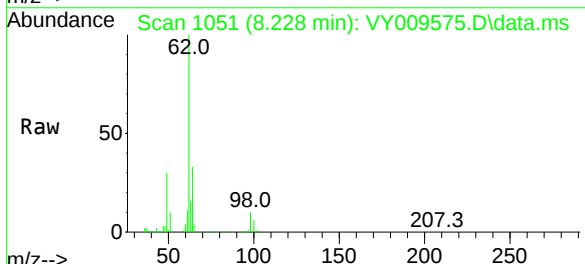
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

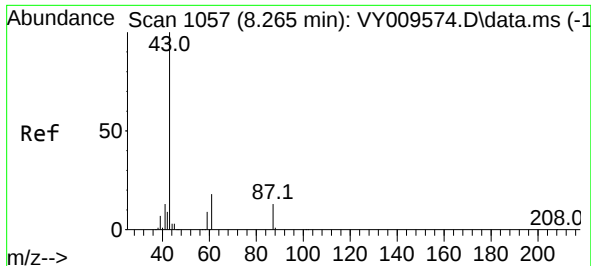
Tgt Ion: 41 Resp: 229953
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 101.405 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 62 Resp: 239792
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8

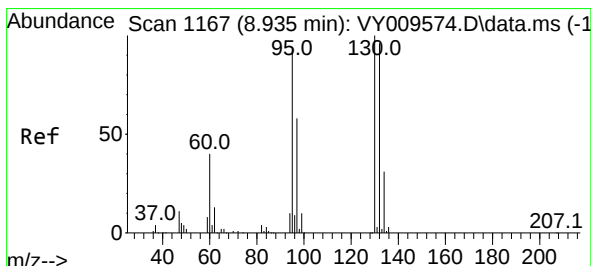
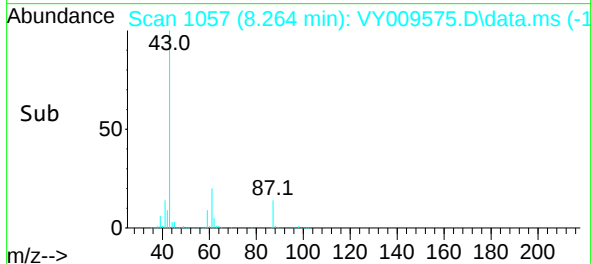
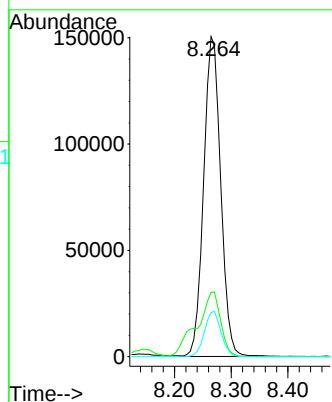
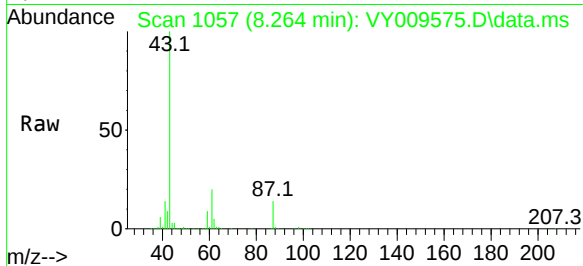




#43
Isopropyl Acetate
Concen: 106.988 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

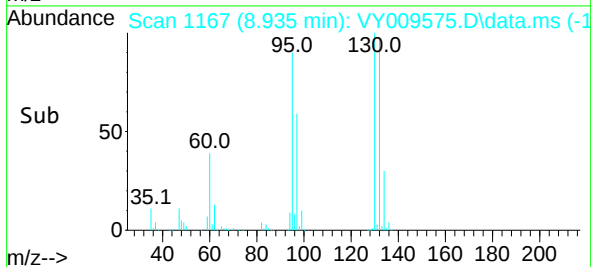
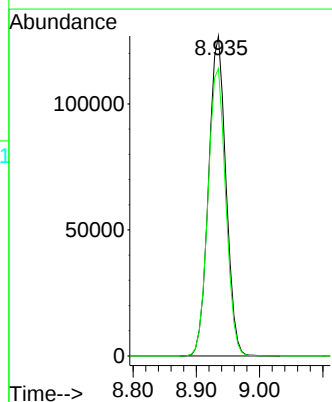
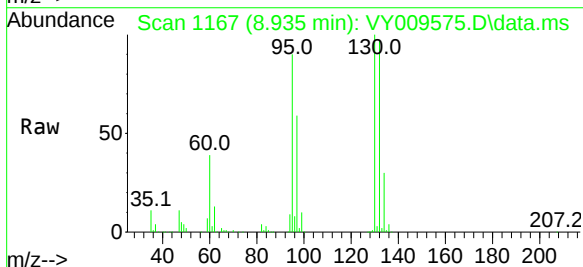
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

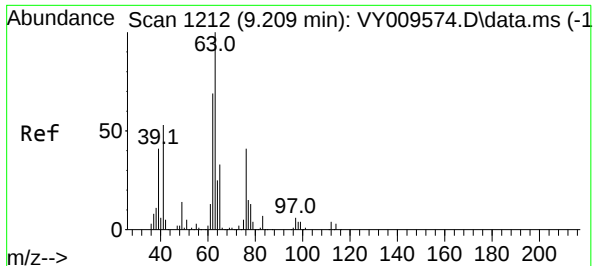
Tgt Ion: 43 Resp: 314322
Ion Ratio Lower Upper
43 100
61 28.4 20.2 30.2
87 13.8 8.9 13.3#



#44
Trichloroethene
Concen: 101.120 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion:130 Resp: 242419
Ion Ratio Lower Upper
130 100
95 89.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 102.920 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

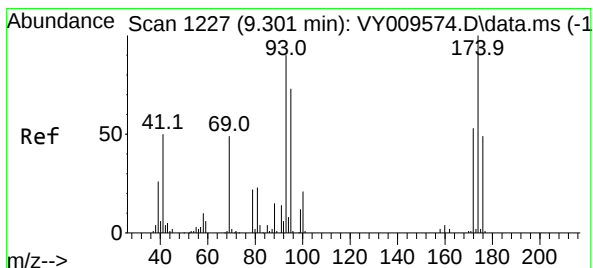
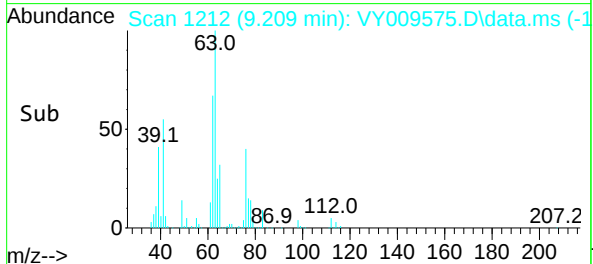
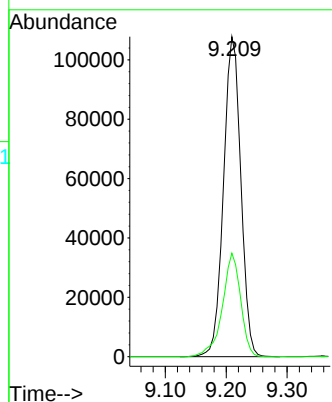
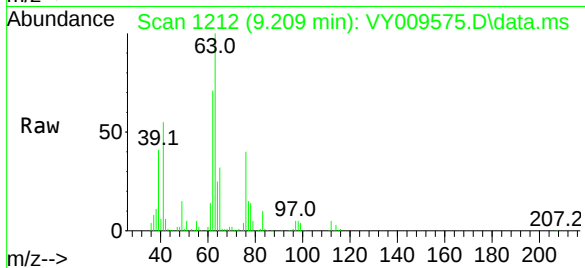
VSTDIC100

Tgt Ion: 63 Resp: 212850

Ion Ratio Lower Upper

63 100

65 32.4 23.0 34.6



#46

Dibromomethane

Concen: 103.675 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

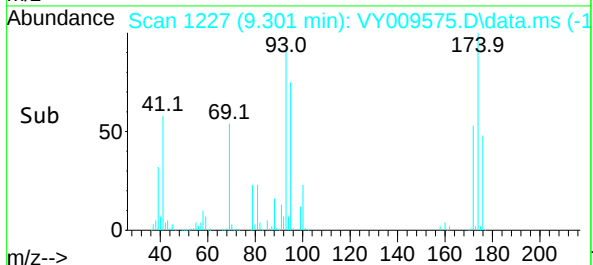
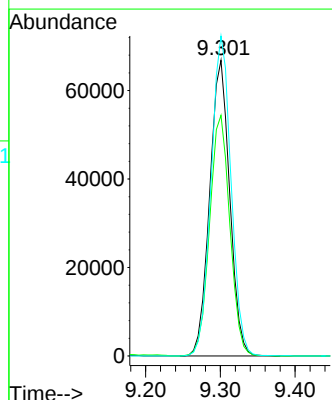
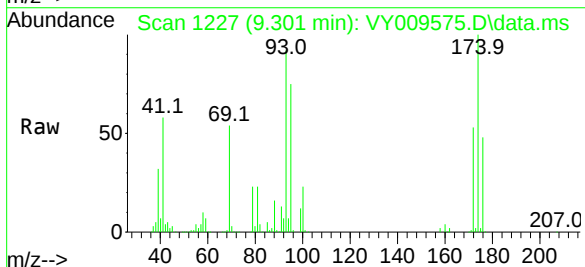
Tgt Ion: 93 Resp: 124528

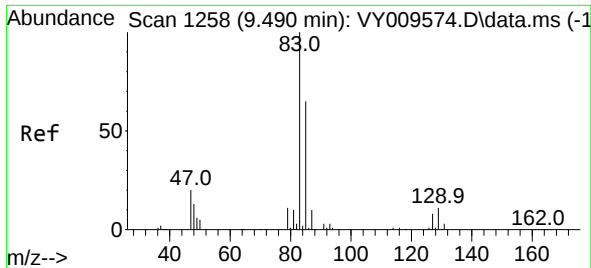
Ion Ratio Lower Upper

93 100

95 82.2 64.3 96.5

174 108.3 83.4 125.0

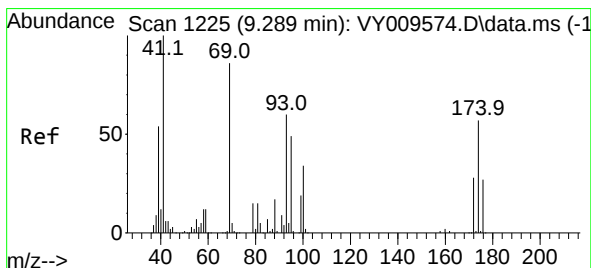
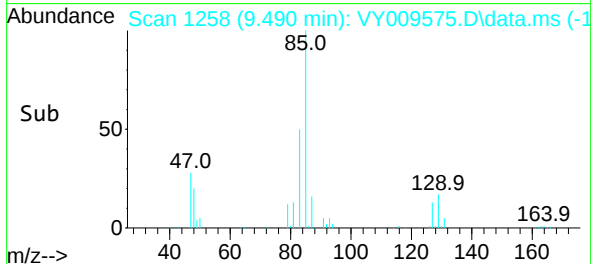
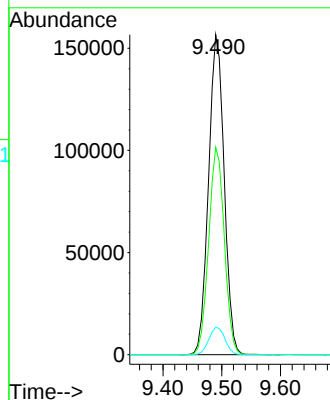
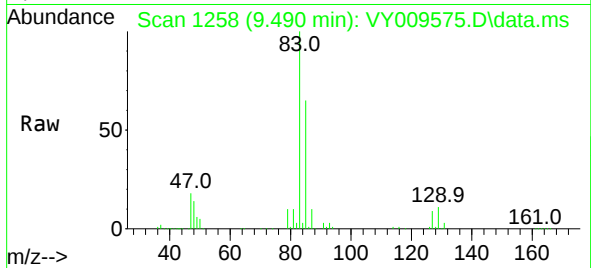




#47
Bromodichloromethane
Concen: 102.875 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

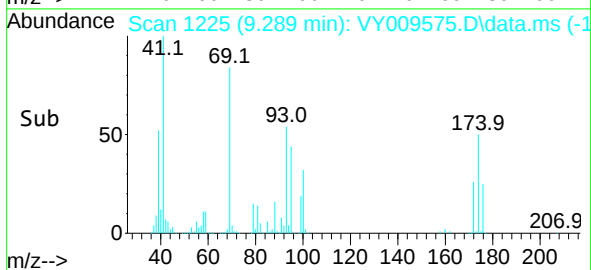
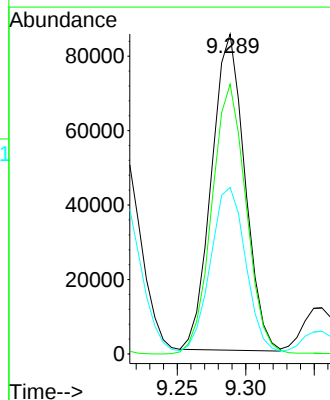
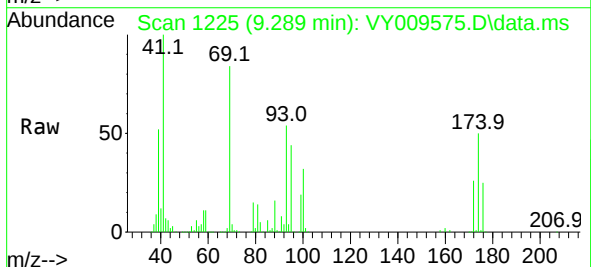
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

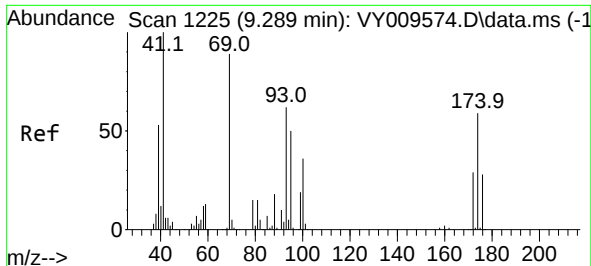
Tgt Ion: 83 Resp: 289747
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 110.779 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 41 Resp: 143793
Ion Ratio Lower Upper
41 100
69 87.6 58.2 87.2#
39 54.1 47.4 71.0





#49

1,4-Dioxane

Concen: 2198.908 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

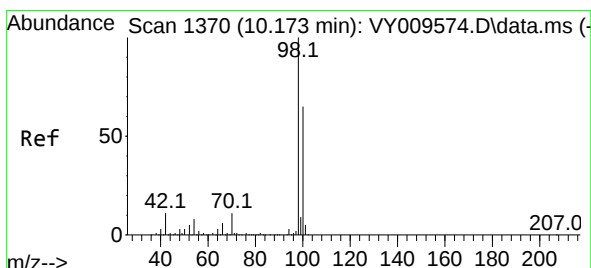
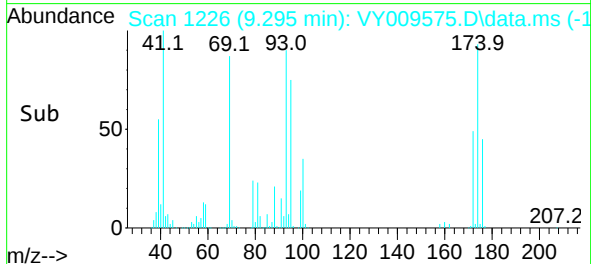
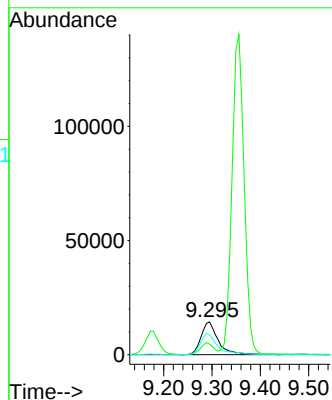
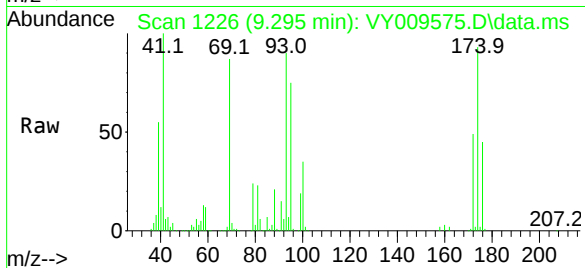
Tgt Ion: 88 Resp: 35206

Ion Ratio Lower Upper

88 100

43 27.6 32.8 49.2#

58 66.4 59.8 89.6



#50

Toluene-d8

Concen: 101.670 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009575.D

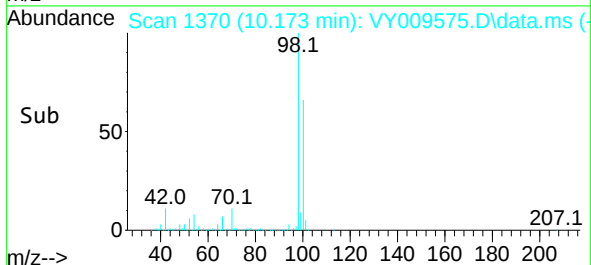
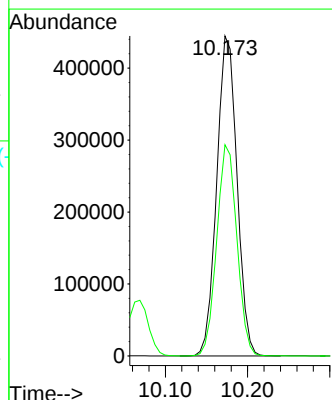
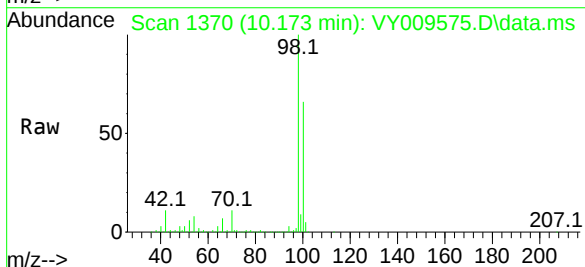
Acq: 18 Jul 2022 16:03

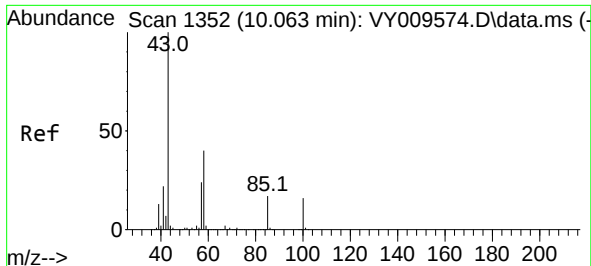
Tgt Ion: 98 Resp: 761951

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

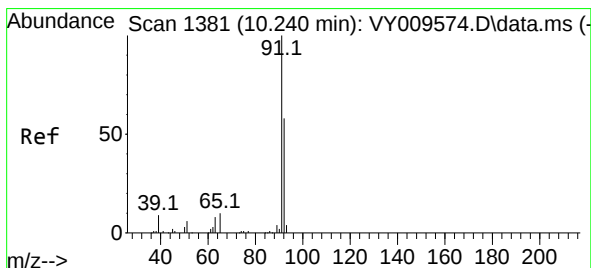
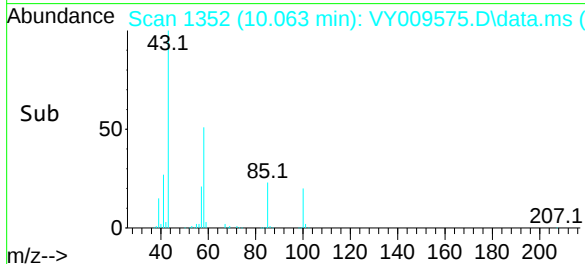
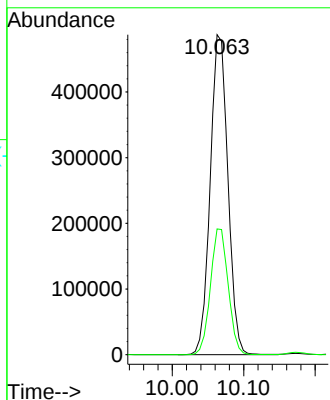
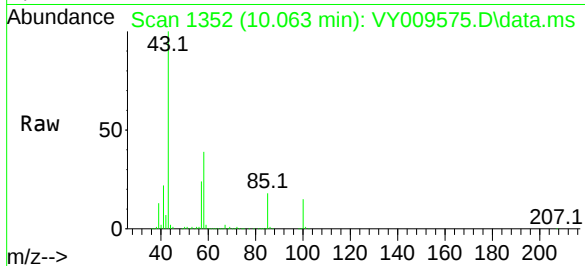




#51
4-Methyl-2-Pentanone
Concen: 547.340 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

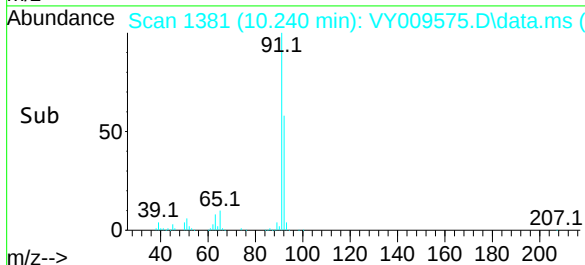
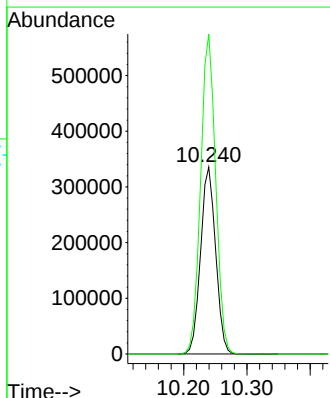
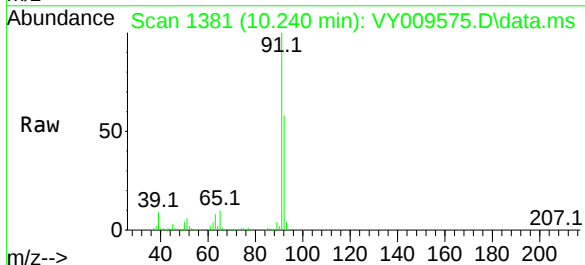
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

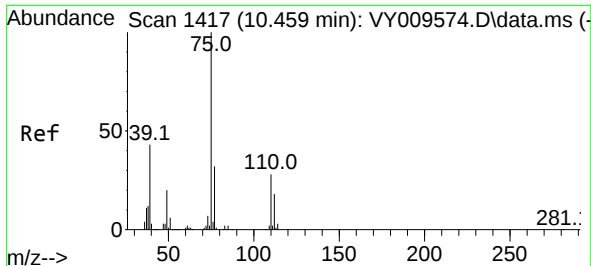
Tgt Ion: 43 Resp: 834934
Ion Ratio Lower Upper
43 100
58 39.5 28.1 42.1



#52
Toluene
Concen: 104.022 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 92 Resp: 555428
Ion Ratio Lower Upper
92 100
91 171.0 142.6 213.8

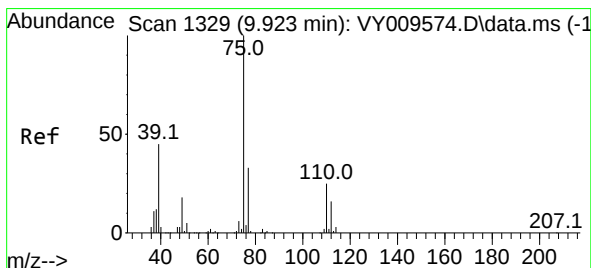
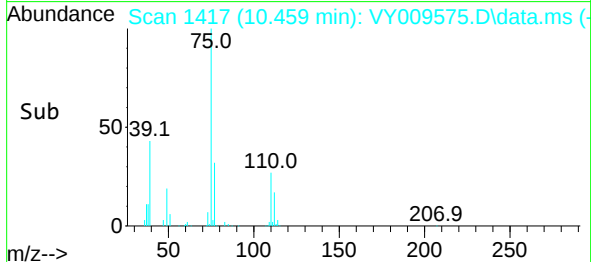
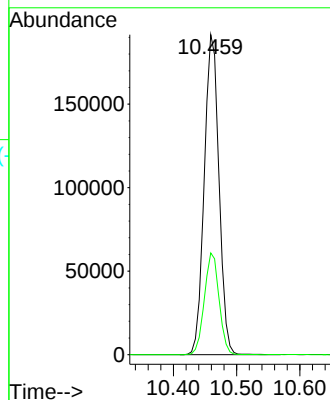
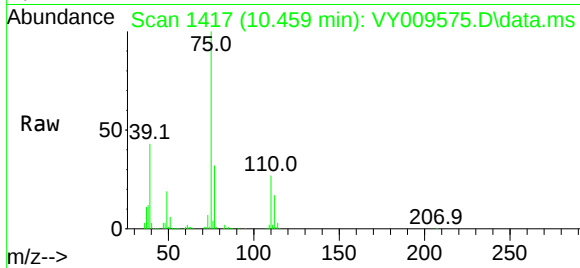




#53
t-1,3-Dichloropropene
Concen: 106.890 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

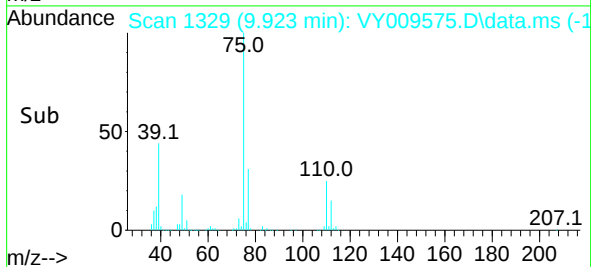
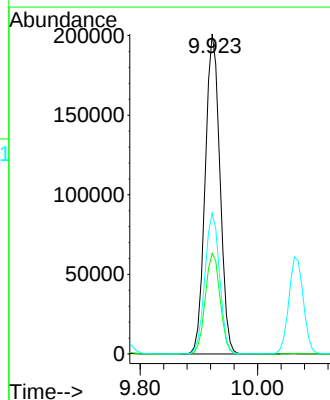
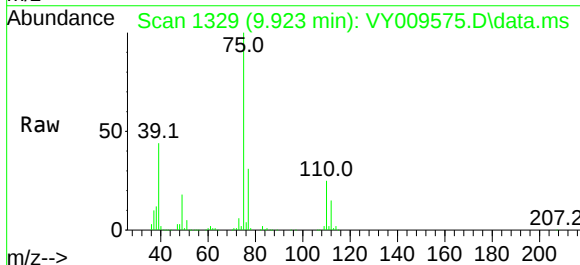
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

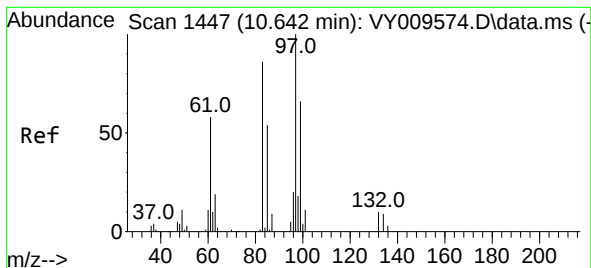
Tgt Ion: 75 Resp: 310944
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 106.014 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 75 Resp: 350657
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 44.0 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 103.092 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 174393

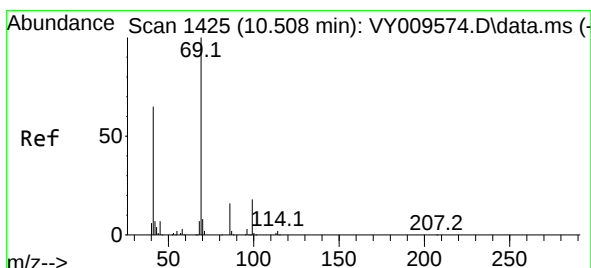
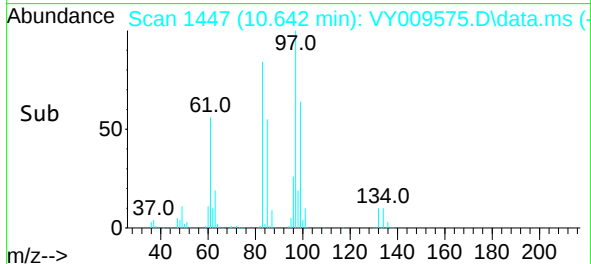
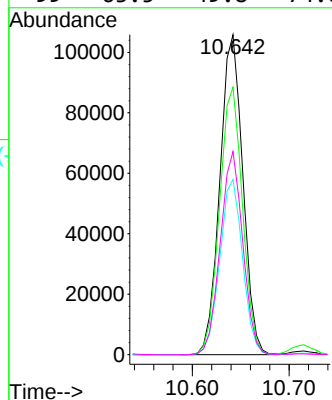
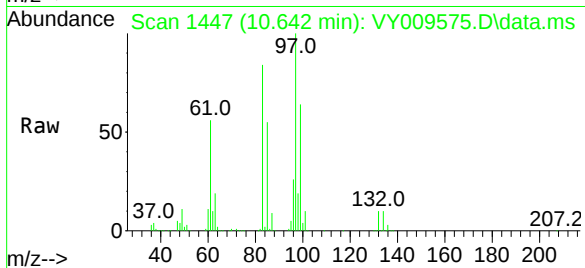
Ion Ratio Lower Upper

97 100

83 83.6 69.8 104.8

85 54.8 44.3 66.5

99 63.5 49.8 74.6



#56

Ethyl methacrylate

Concen: 113.832 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

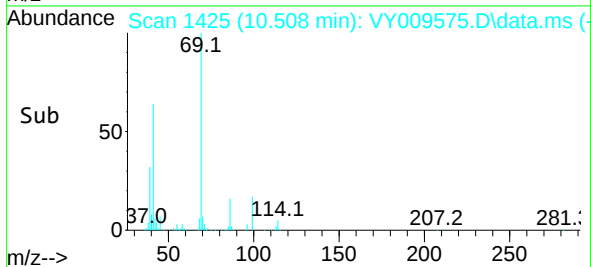
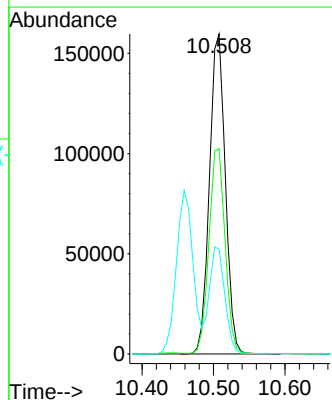
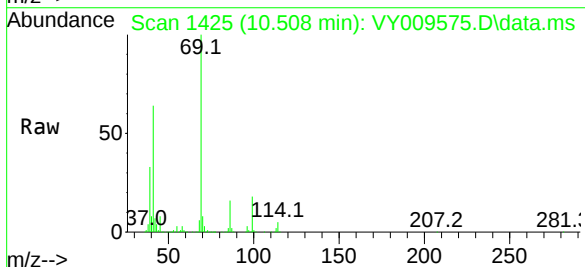
Tgt Ion: 69 Resp: 246359

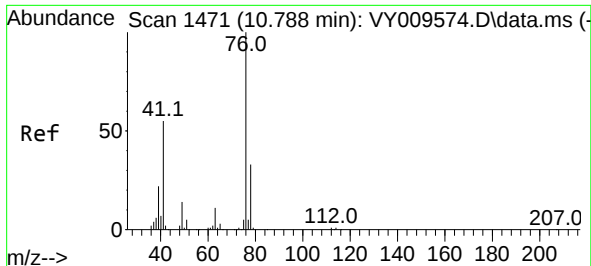
Ion Ratio Lower Upper

69 100

41 65.3 63.4 95.0

39 33.0 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 103.732 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

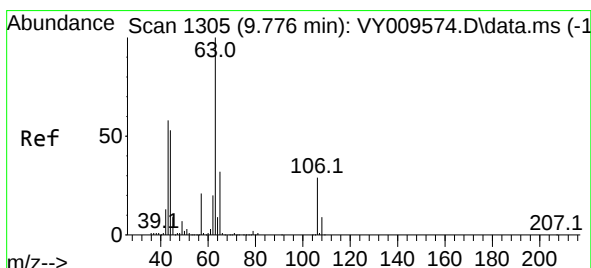
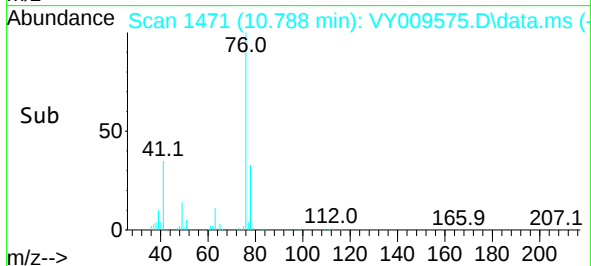
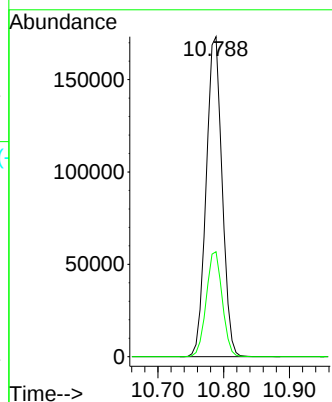
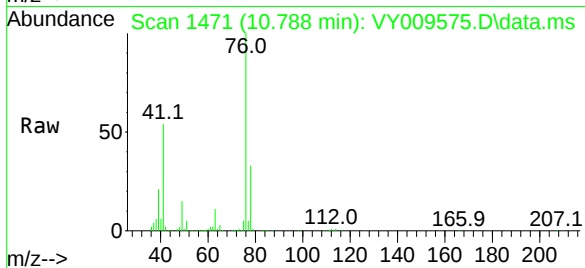
VSTDIC100

Tgt Ion: 76 Resp: 291193

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 801.481 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY009575.D

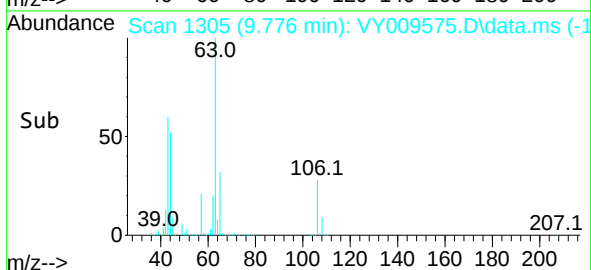
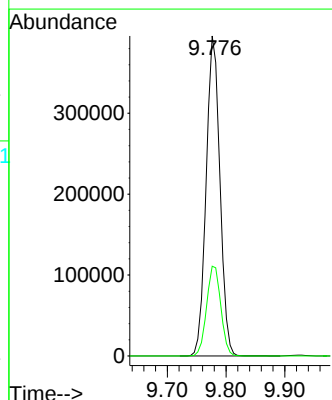
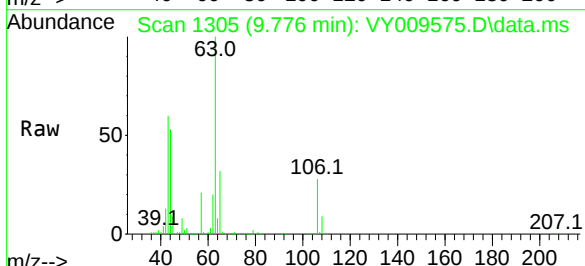
Acq: 18 Jul 2022 16:03

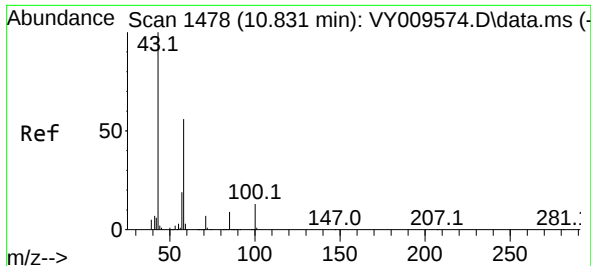
Tgt Ion: 63 Resp: 644232

Ion Ratio Lower Upper

63 100

106 29.0 21.5 32.3

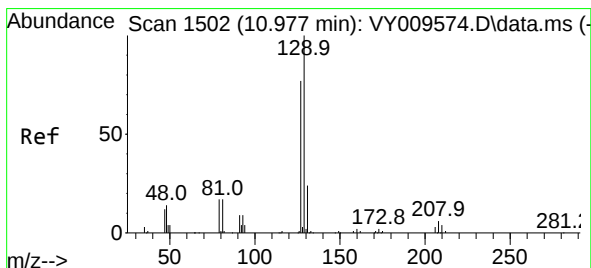
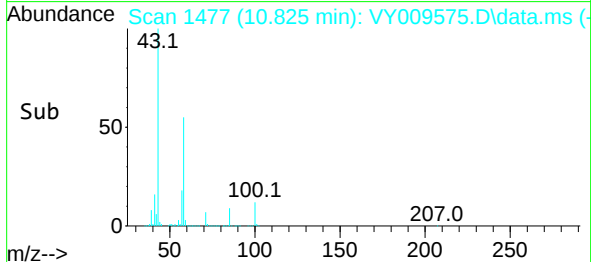
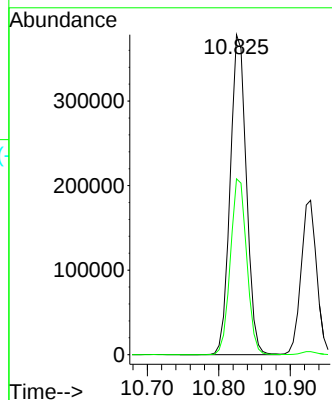
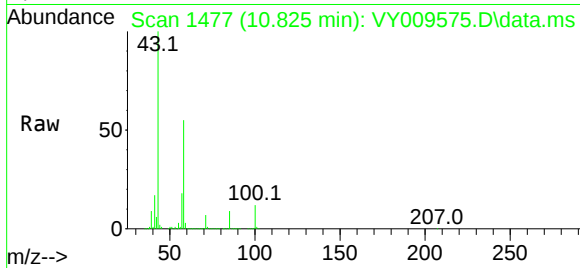




#59
2-Hexanone
Concen: 560.558 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

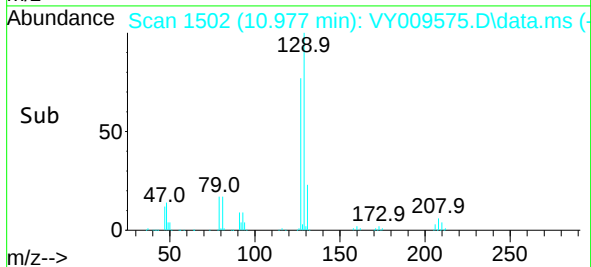
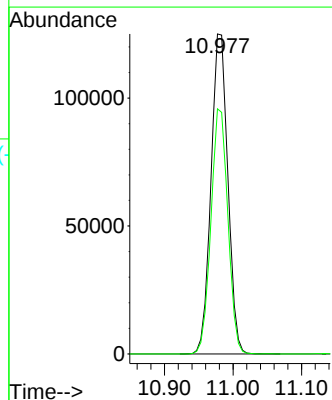
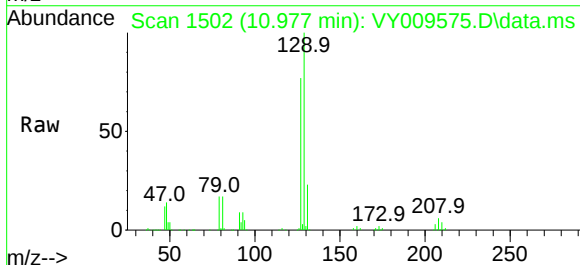
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

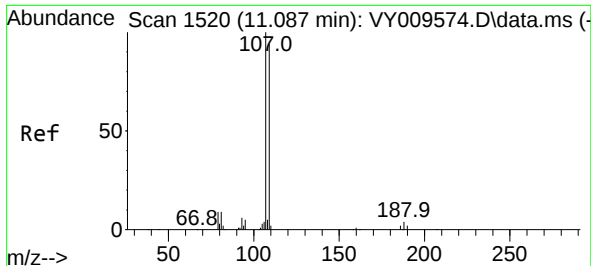
Tgt Ion: 43 Resp: 594736
Ion Ratio Lower Upper
43 100
58 55.5 24.4 73.4



#60
Dibromochloromethane
Concen: 104.313 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion:129 Resp: 213525
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

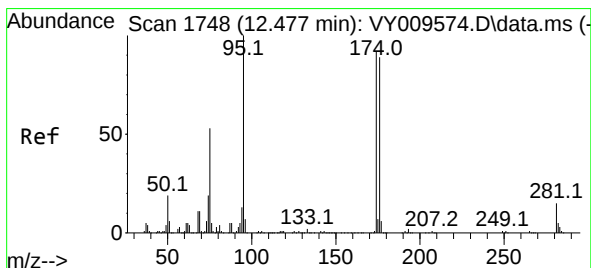
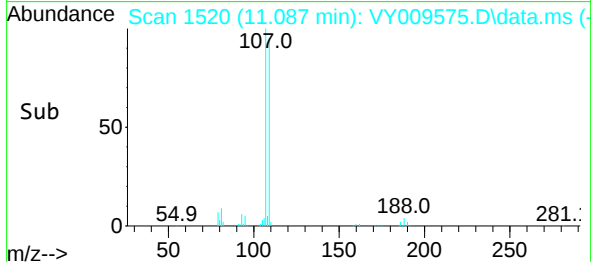
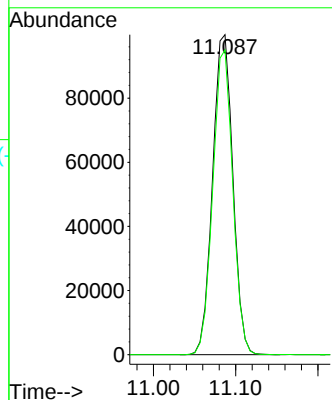
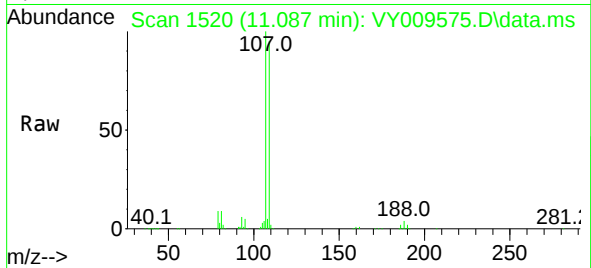




#61
1,2-Dibromoethane
Concen: 103.714 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

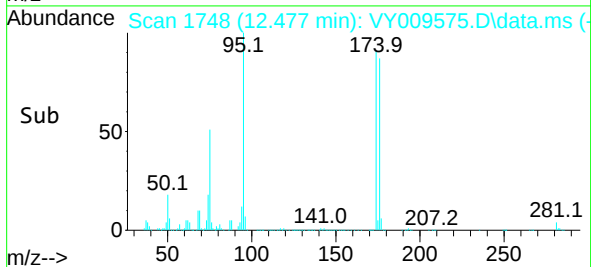
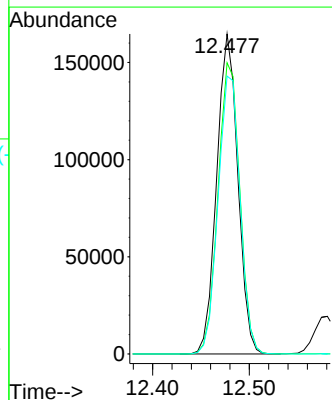
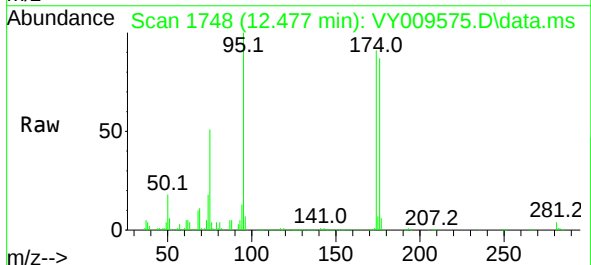
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

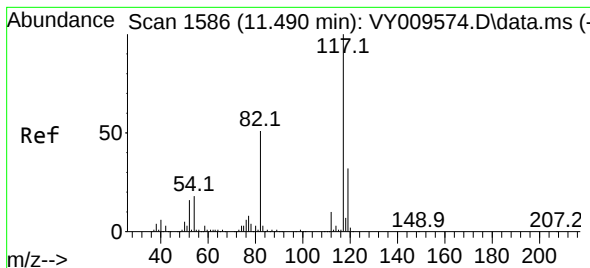
Tgt Ion:107 Resp: 171174
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 102.909 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 95 Resp: 249904
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.0
176 90.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

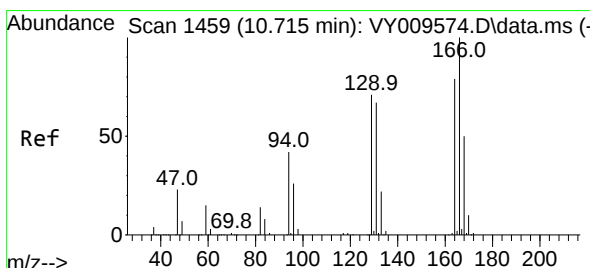
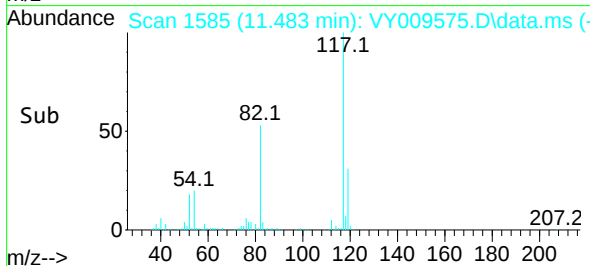
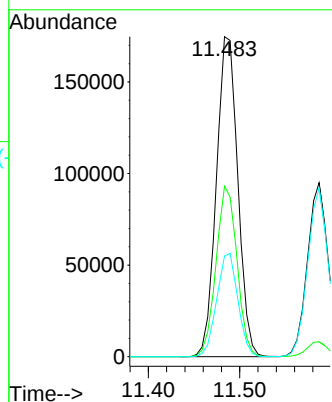
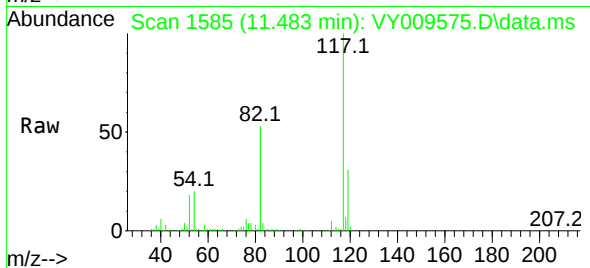
Tgt Ion:117 Resp: 285006

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 31.4 25.4 38.0



#64

Tetrachloroethene

Concen: 100.654 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Tgt Ion:164 Resp: 224508

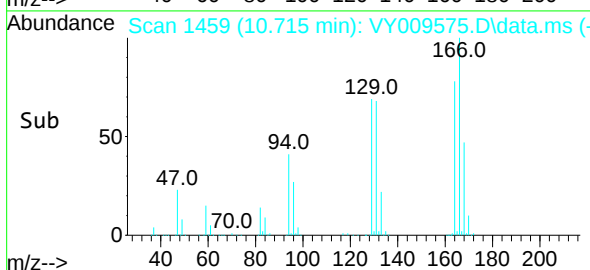
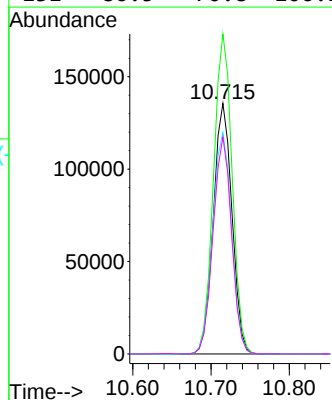
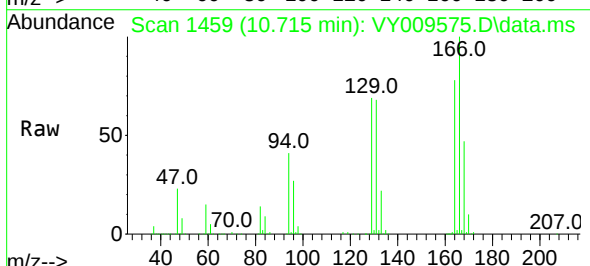
Ion Ratio Lower Upper

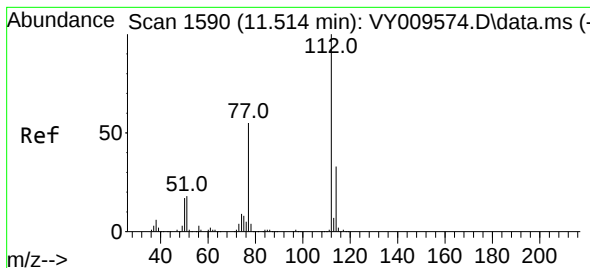
164 100

166 127.7 100.4 150.6

129 88.4 71.4 107.0

131 86.5 70.8 106.2

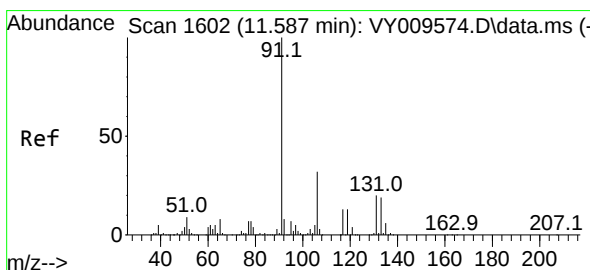
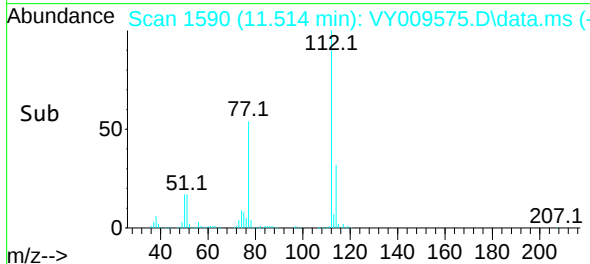
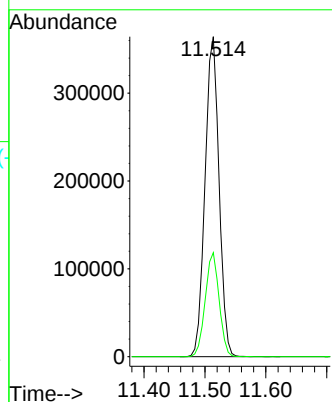
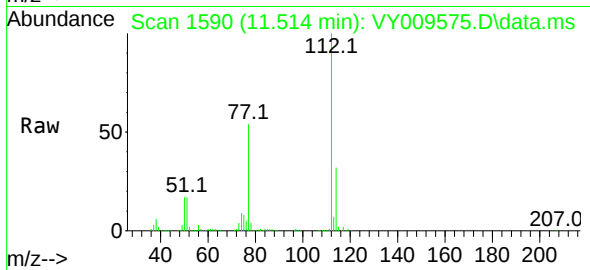




#65
Chlorobenzene
Concen: 99.860 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

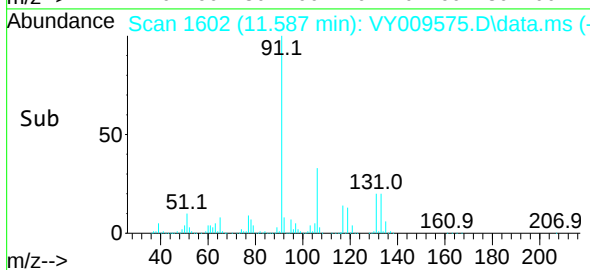
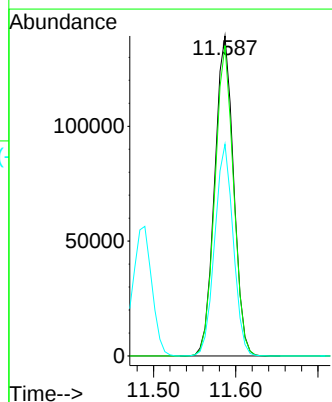
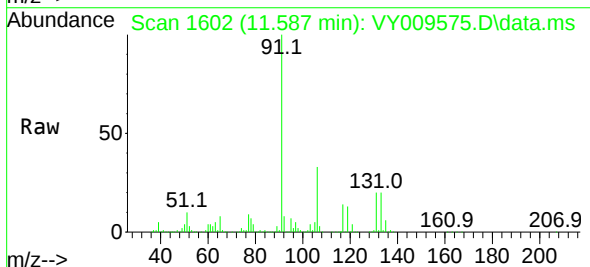
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

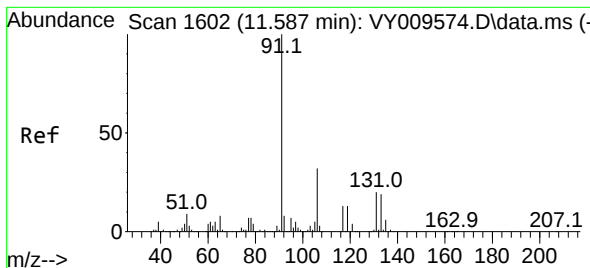
Tgt Ion:112 Resp: 581583
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 102.876 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion:131 Resp: 222607
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 64.7 30.8 92.3





#67

Ethyl Benzene

Concen: 103.477 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

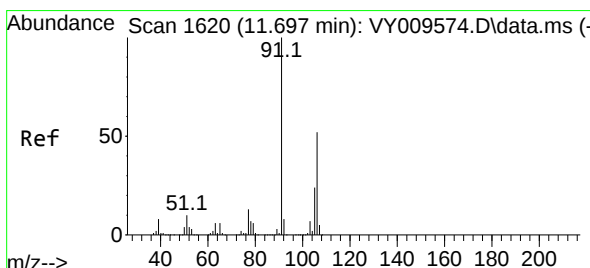
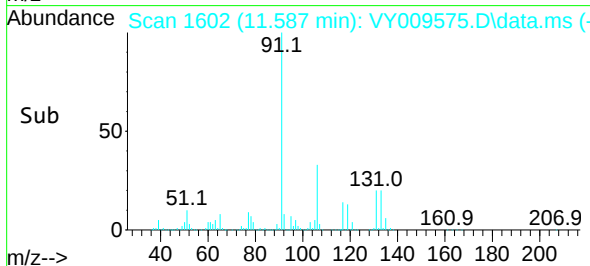
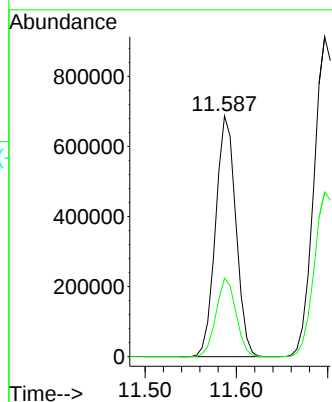
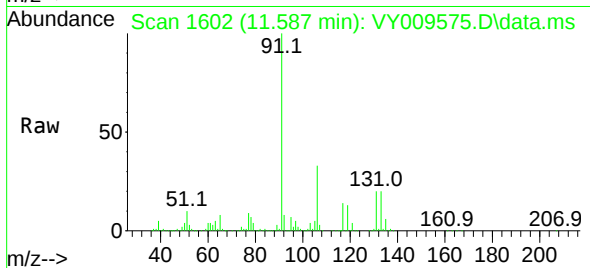
VSTDIC100

Tgt Ion: 91 Resp: 1059936

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 208.224 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009575.D

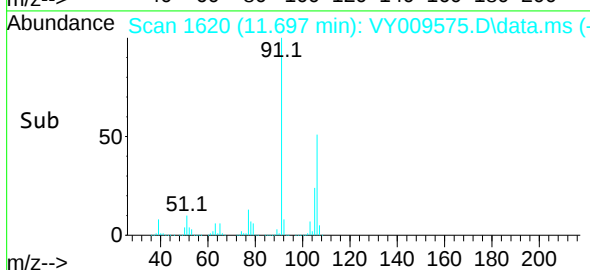
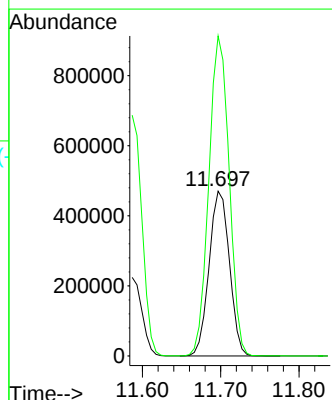
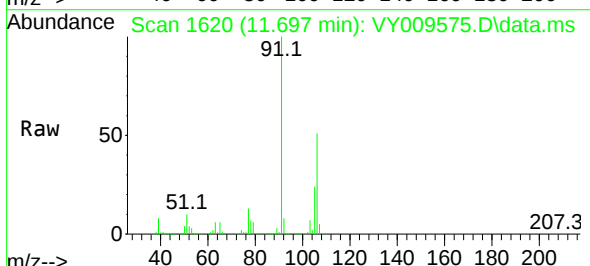
Acq: 18 Jul 2022 16:03

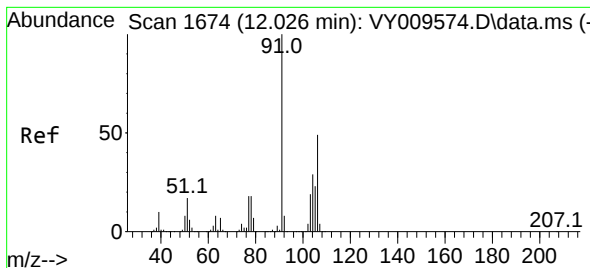
Tgt Ion:106 Resp: 848848

Ion Ratio Lower Upper

106 100

91 193.8 166.6 249.8

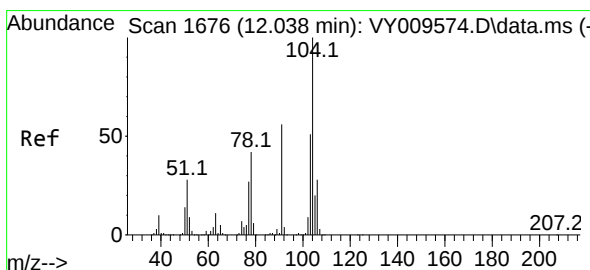
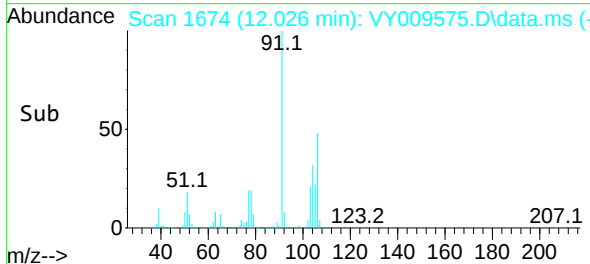
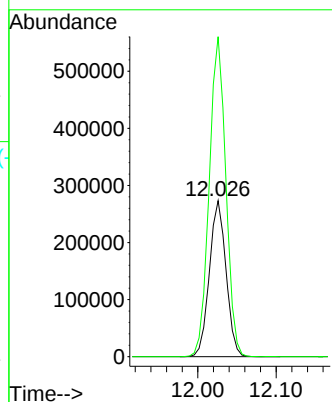
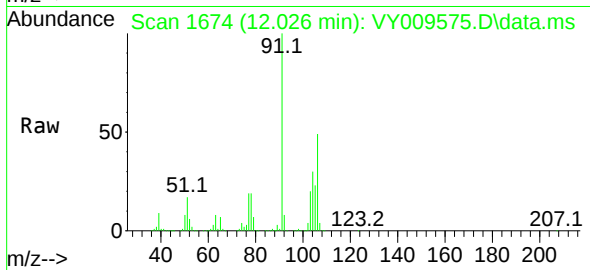




#69
o-Xylene
Concen: 105.522 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

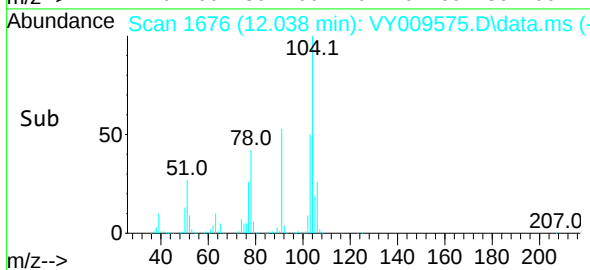
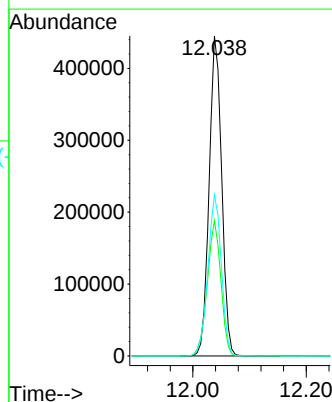
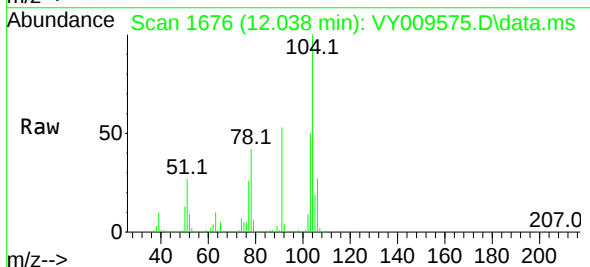
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

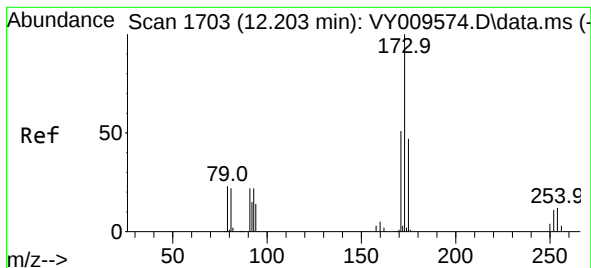
Tgt Ion:106 Resp: 402559
Ion Ratio Lower Upper
106 100
91 205.0 110.3 331.0



#70
Styrene
Concen: 107.765 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion:104 Resp: 683788
Ion Ratio Lower Upper
104 100
78 45.9 42.4 63.6
103 54.2 44.4 66.6





#71

Bromoform

Concen: 103.498 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

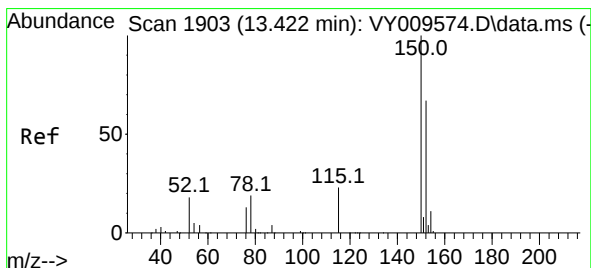
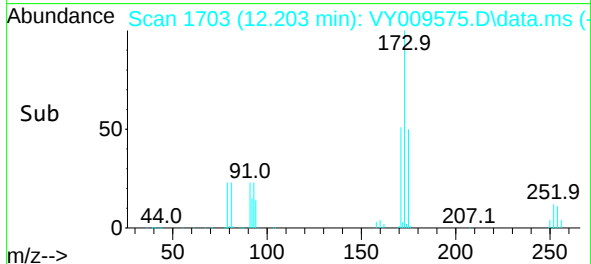
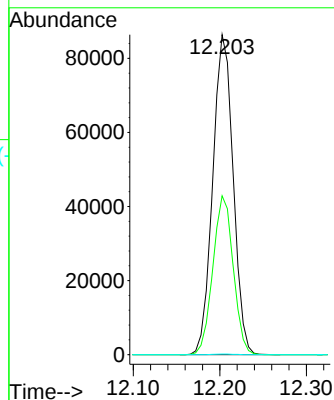
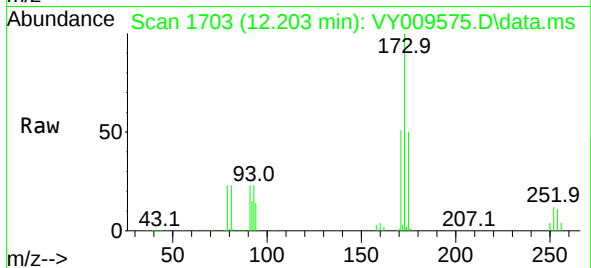
Tgt Ion:173 Resp: 141328

Ion Ratio Lower Upper

173 100

175 49.5 24.6 74.0

254 0.2 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: VY009575.D

Acq: 18 Jul 2022 16:03

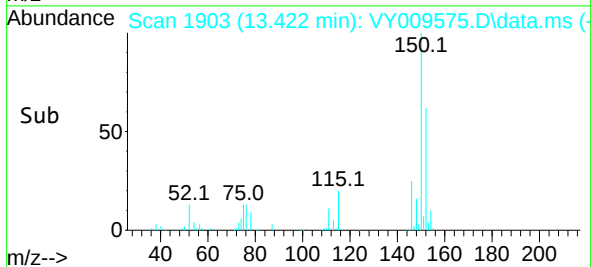
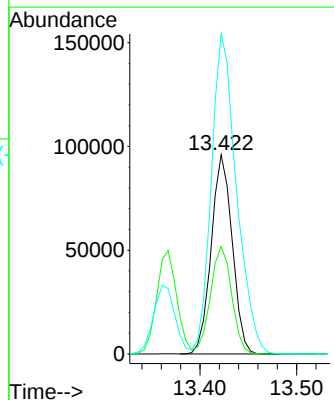
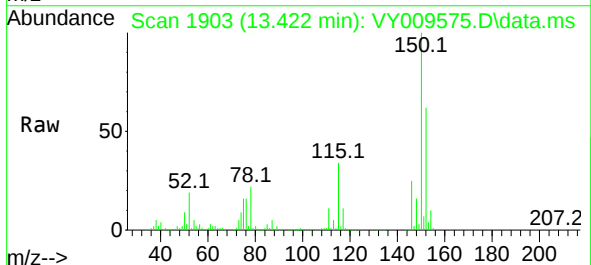
Tgt Ion:152 Resp: 144766

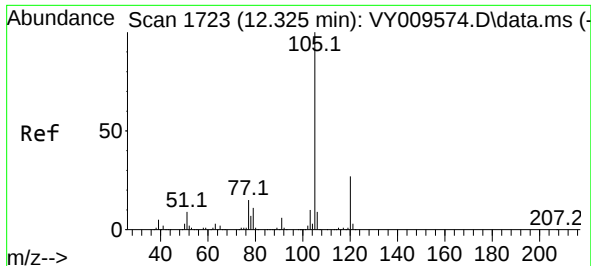
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 192.4 0.0 347.6

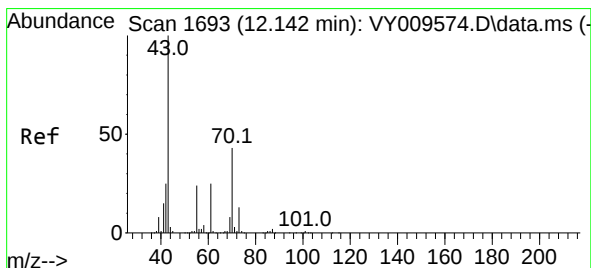
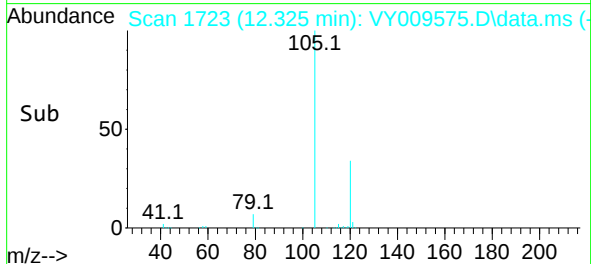
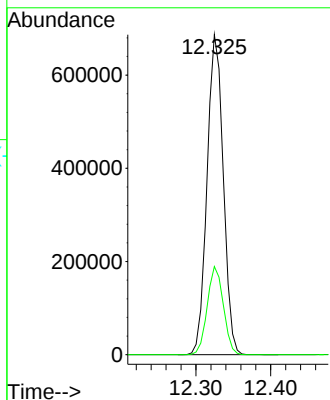
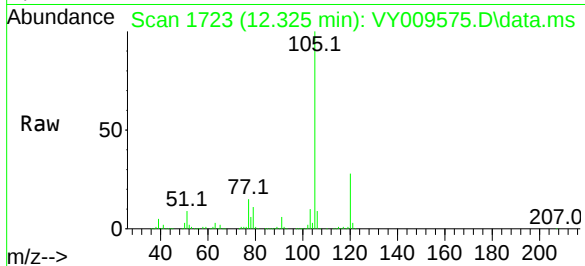




#73
Isopropylbenzene
Concen: 103.143 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

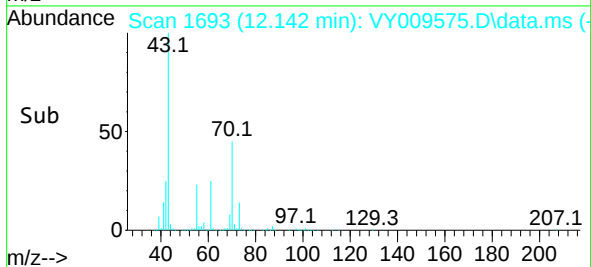
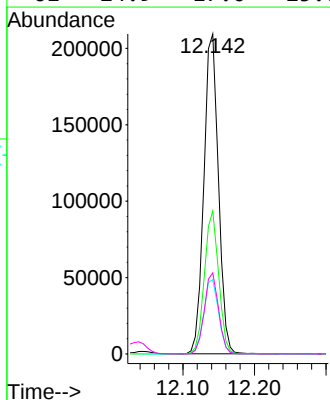
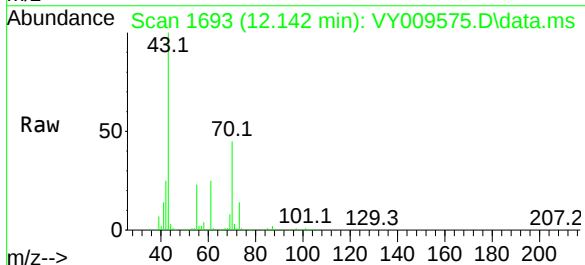
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

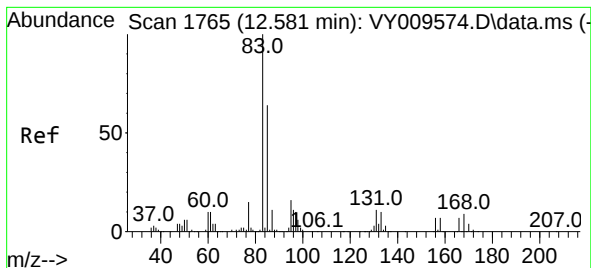
Tgt Ion:105 Resp: 1033817
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 111.151 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 43 Resp: 296293
Ion Ratio Lower Upper
43 100
70 43.9 28.7 43.1#
55 23.8 17.3 25.9
61 24.9 17.0 25.6

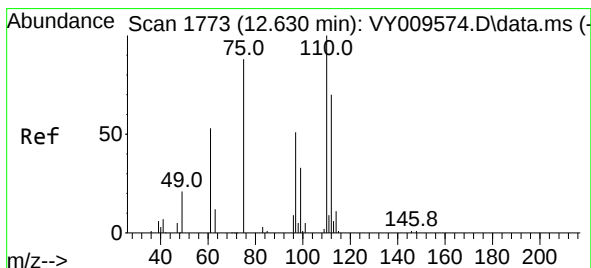
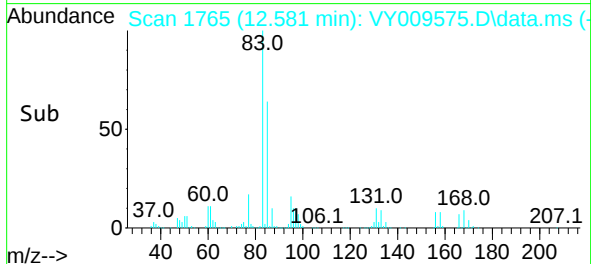
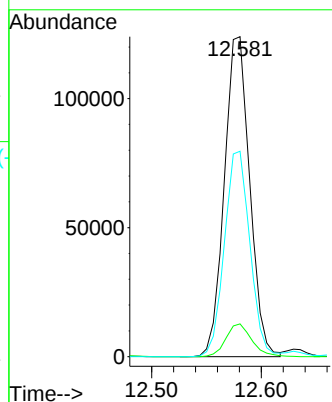
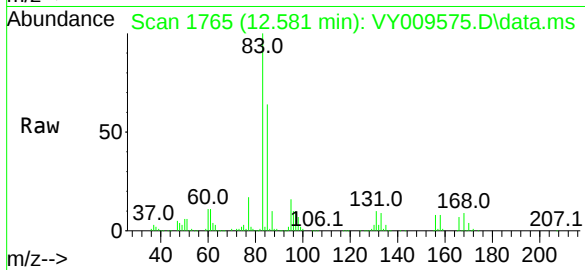




#75
 1,1,2-Tetrachloroethane
 Concen: 99.405 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY009575.D
 Acq: 18 Jul 2022 16:03

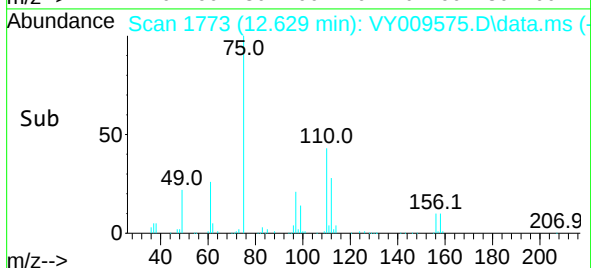
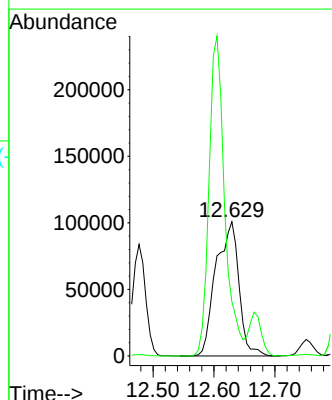
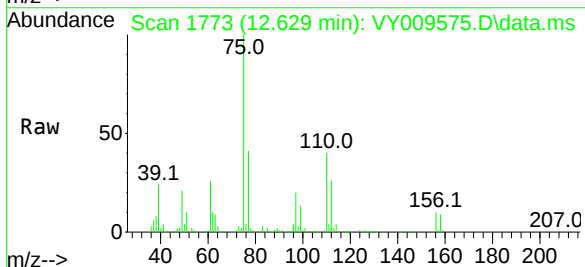
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

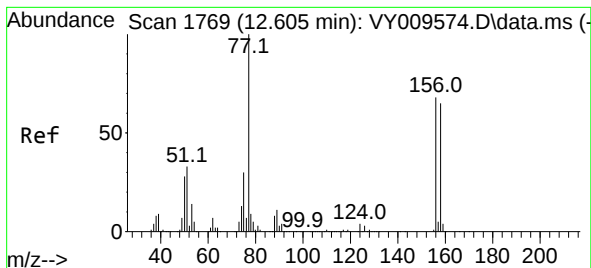
Tgt Ion: 83 Resp: 199537
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.6 16.8
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 185.339 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY009575.D
 Acq: 18 Jul 2022 16:03

Tgt Ion: 75 Resp: 264325
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 100.830 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

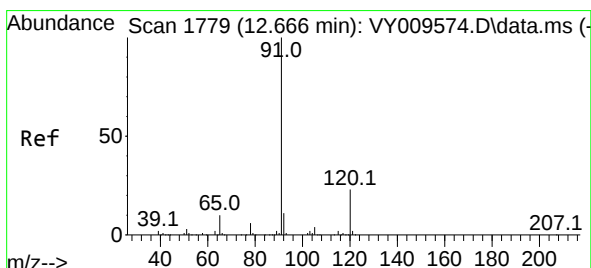
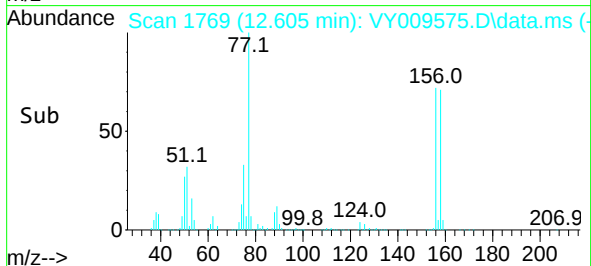
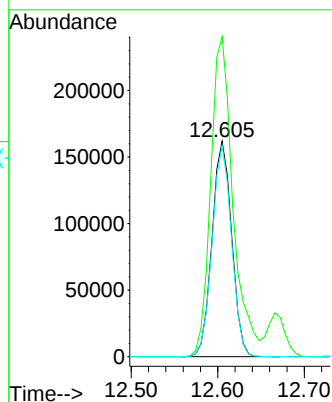
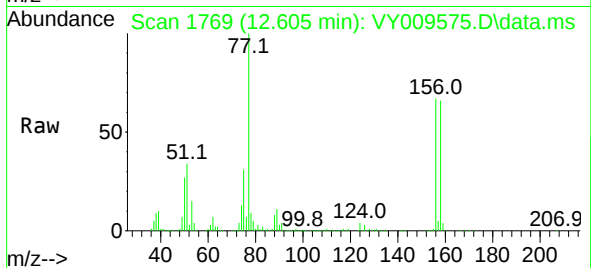
Tgt Ion:156 Resp: 254140

Ion Ratio Lower Upper

156 100

77 169.0 95.5 286.4

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 103.039 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY009575.D

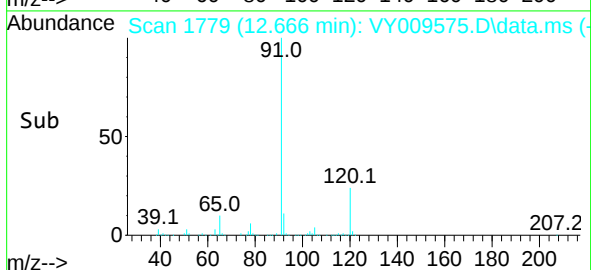
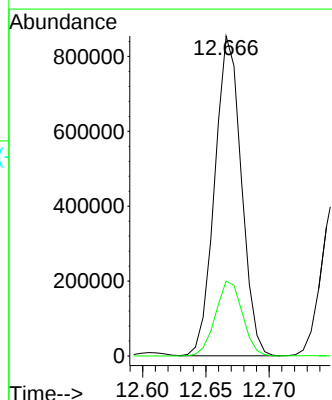
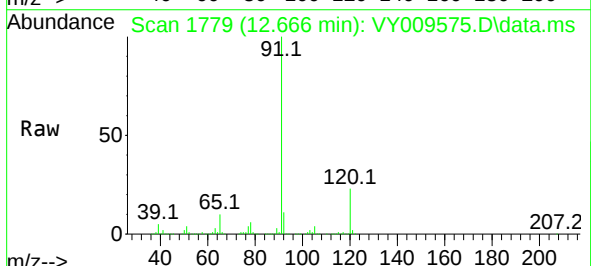
Acq: 18 Jul 2022 16:03

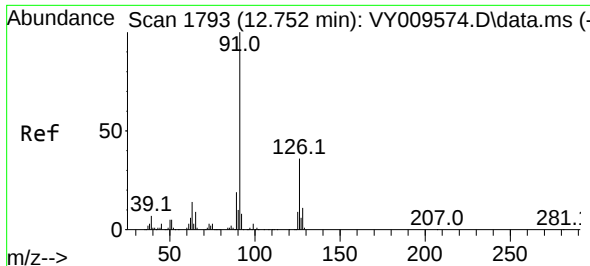
Tgt Ion: 91 Resp: 1247953

Ion Ratio Lower Upper

91 100

120 23.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 102.559 ug/l

RT: 12.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

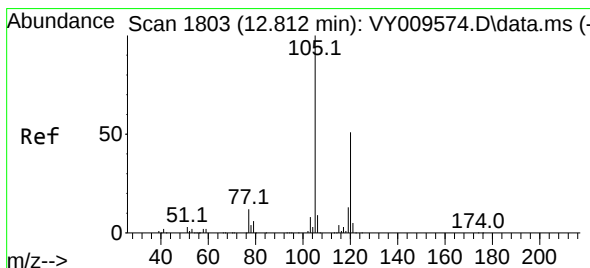
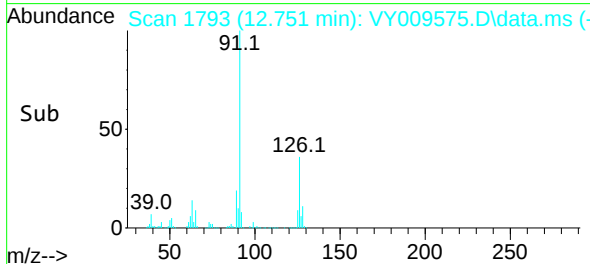
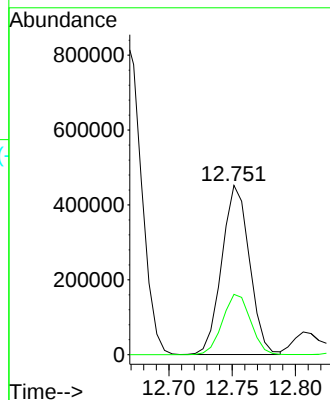
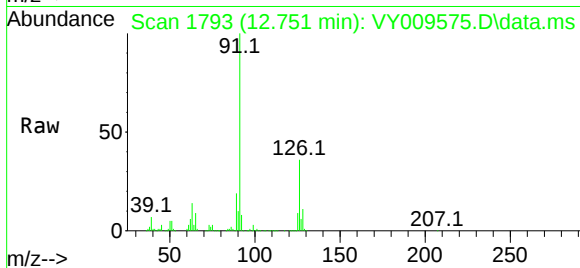
VSTDIC100

Tgt Ion: 91 Resp: 688683

Ion Ratio Lower Upper

91 100

126 36.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 103.388 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY009575.D

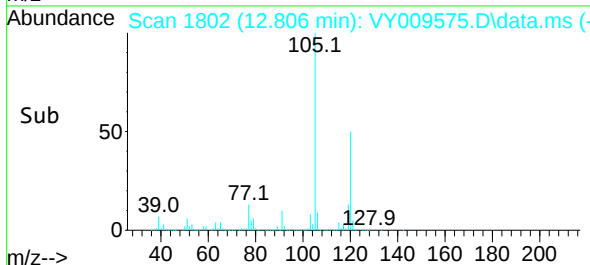
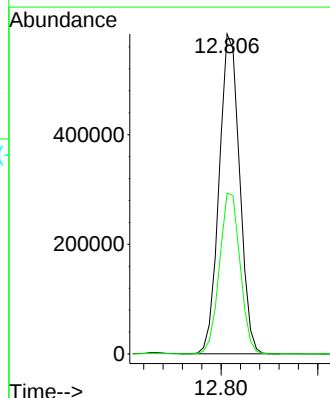
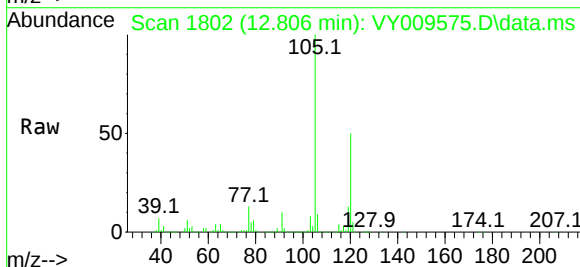
Acq: 18 Jul 2022 16:03

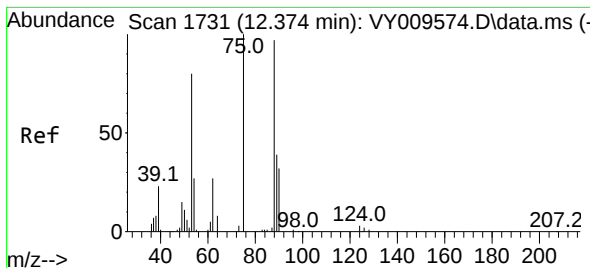
Tgt Ion:105 Resp: 856287

Ion Ratio Lower Upper

105 100

120 50.8 24.4 73.4

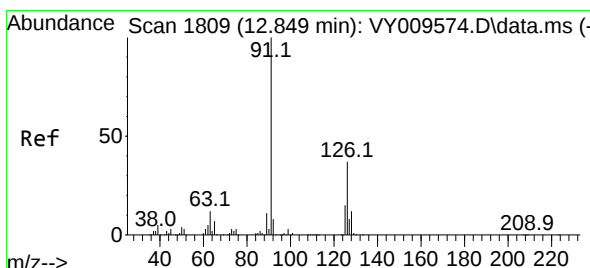
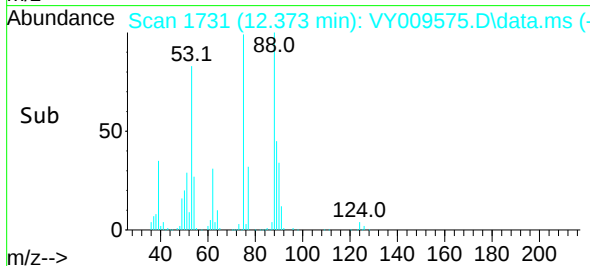
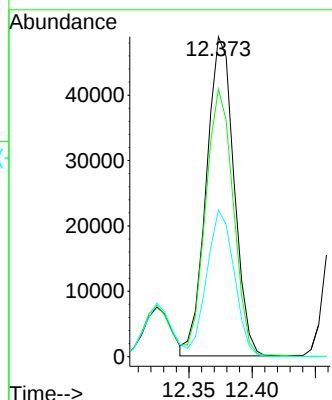
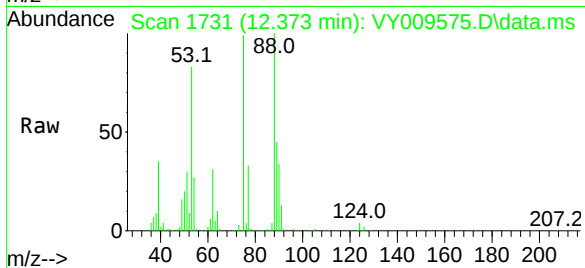




#81
trans-1,4-Dichloro-2-butene
Concen: 106.059 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

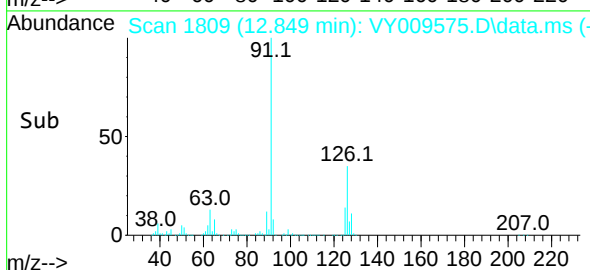
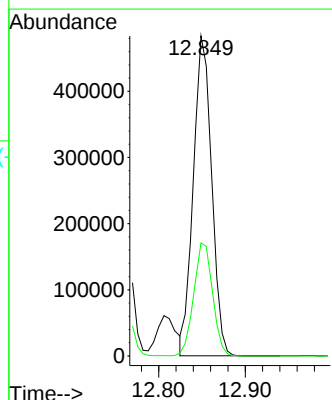
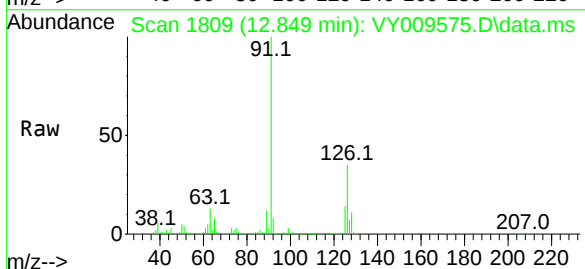
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

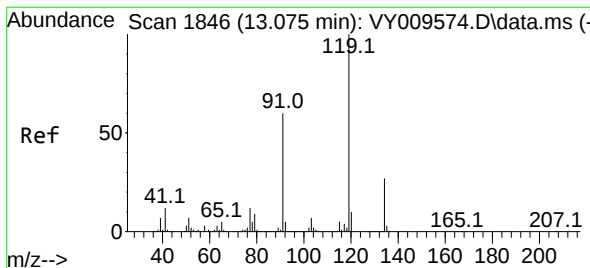
Tgt Ion: 75 Resp: 74177
Ion Ratio Lower Upper
75 100
53 84.6 85.3 127.9#
89 45.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 101.887 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 91 Resp: 709783
Ion Ratio Lower Upper
91 100
126 36.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 104.813 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

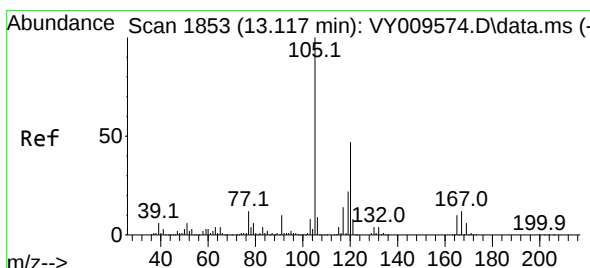
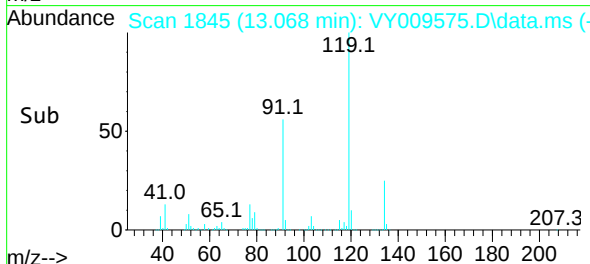
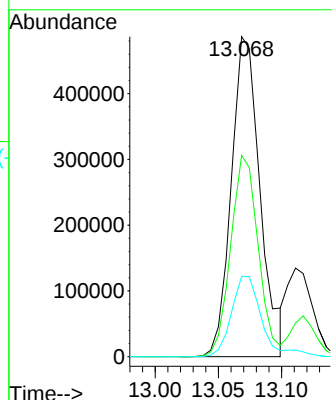
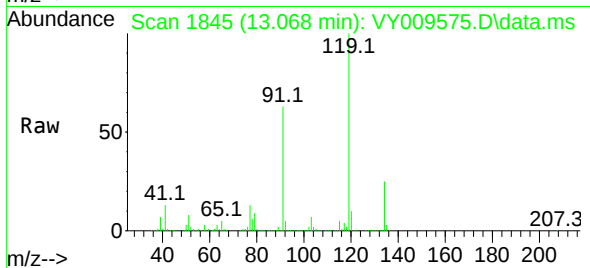
Tgt Ion:119 Resp: 771241

Ion Ratio Lower Upper

119 100

91 60.1 34.8 104.4

134 26.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 104.014 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009575.D

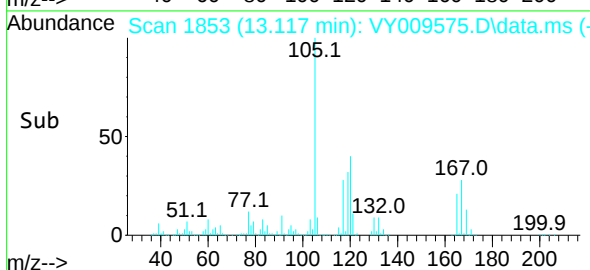
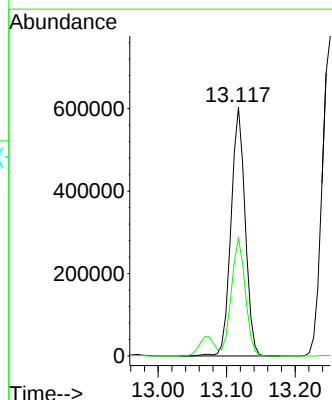
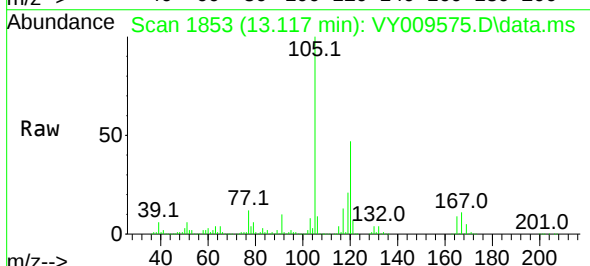
Acq: 18 Jul 2022 16:03

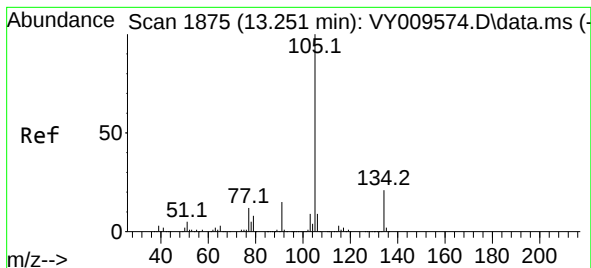
Tgt Ion:105 Resp: 861537

Ion Ratio Lower Upper

105 100

120 46.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 103.262 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

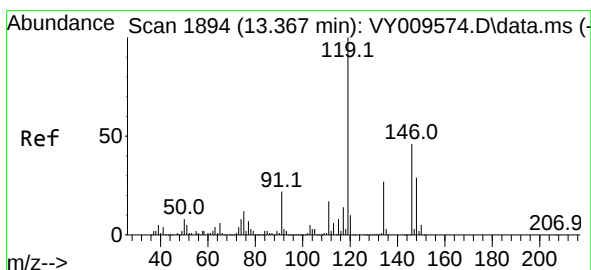
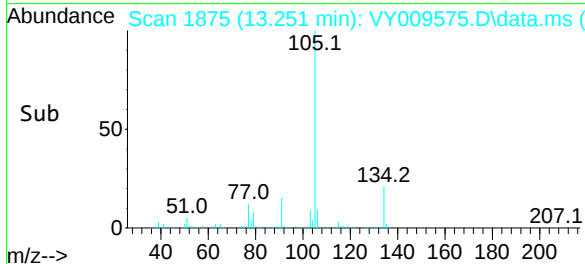
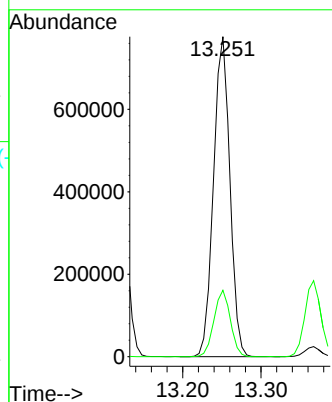
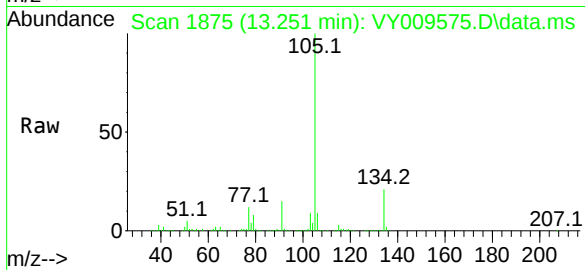
VSTDIC100

Tgt Ion:105 Resp: 1126543

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 105.568 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

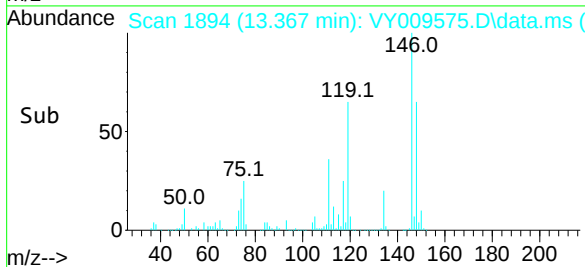
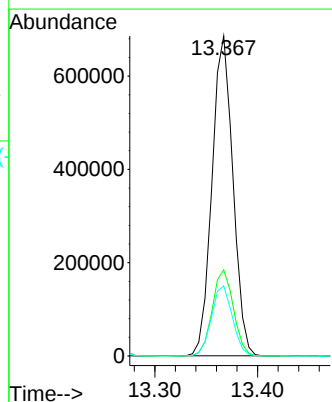
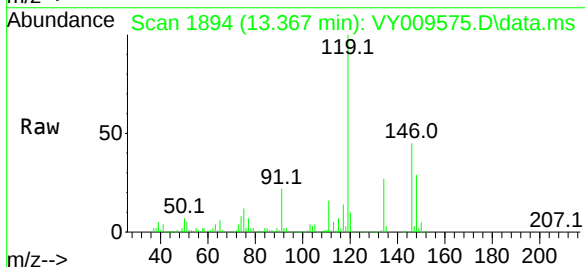
Tgt Ion:119 Resp: 967873

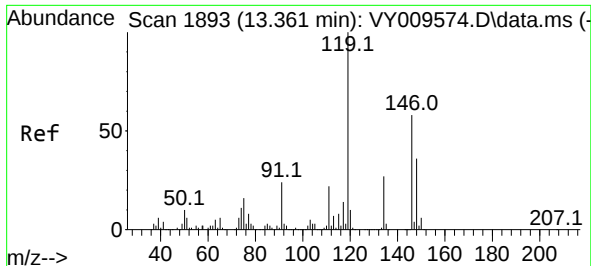
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 21.9 12.4 37.2

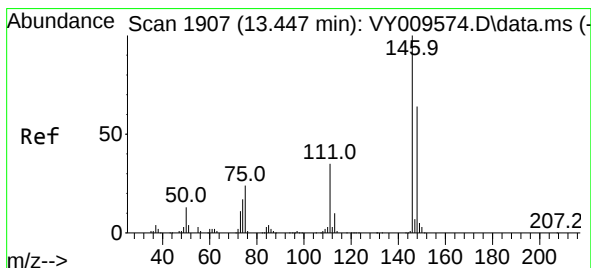
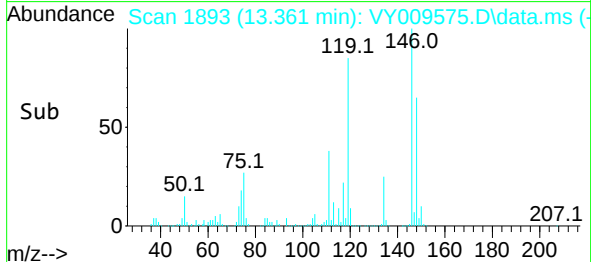
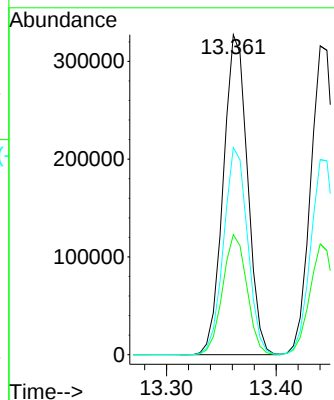
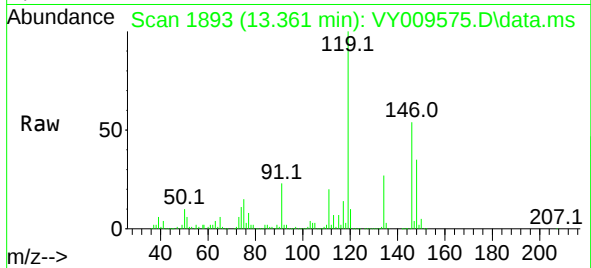




#87
 1,3-Dichlorobenzene
 Concen: 100.900 ug/l
 RT: 13.361 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY009575.D
 Acq: 18 Jul 2022 16:03

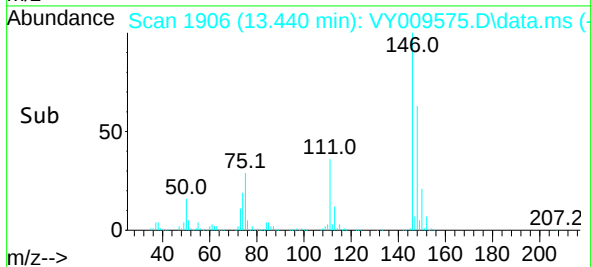
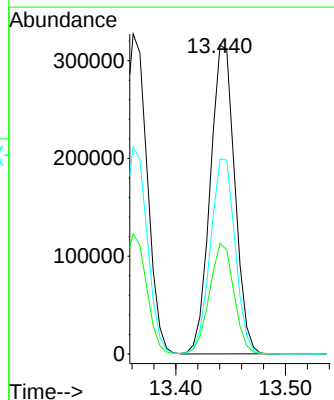
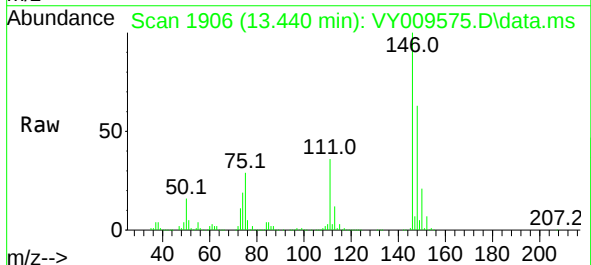
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

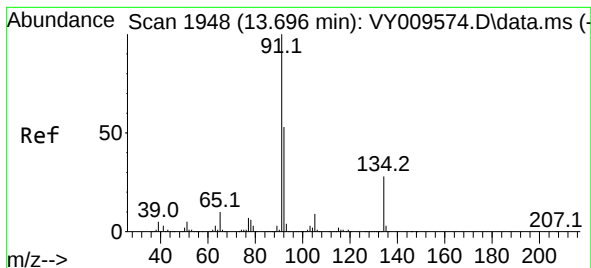
Tgt Ion:146 Resp: 503084
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.5 58.5
 148 63.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 99.507 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY009575.D
 Acq: 18 Jul 2022 16:03

Tgt Ion:146 Resp: 491921
 Ion Ratio Lower Upper
 146 100
 111 35.6 19.3 57.8
 148 63.7 32.6 97.8





#89

n-Butylbenzene

Concen: 104.673 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

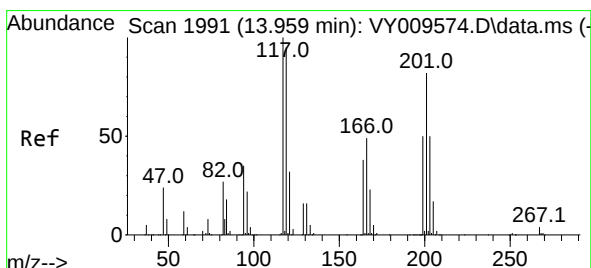
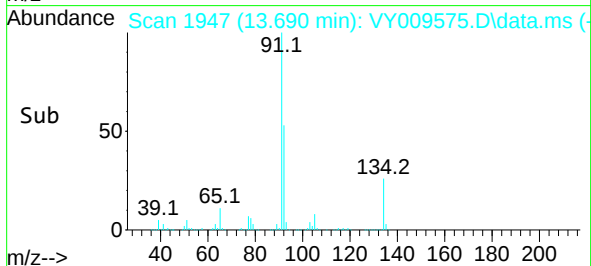
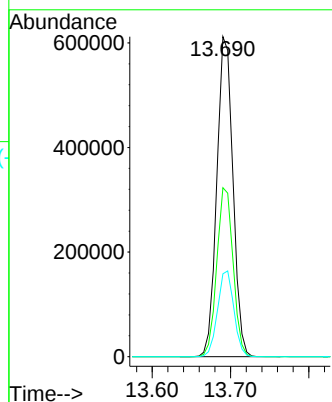
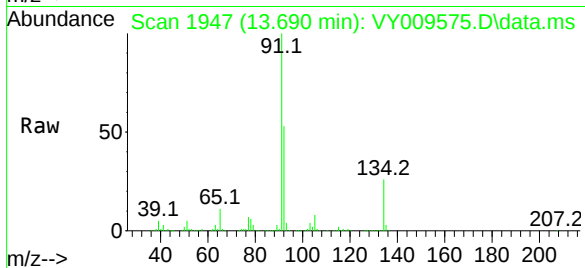
Tgt Ion: 91 Resp: 876449

Ion Ratio Lower Upper

91 100

92 53.3 26.3 78.9

134 27.0 13.0 38.9



#90

Hexachloroethane

Concen: 100.322 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009575.D

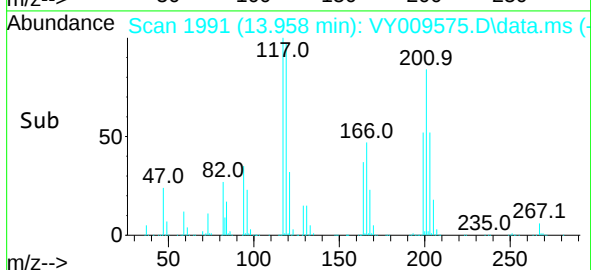
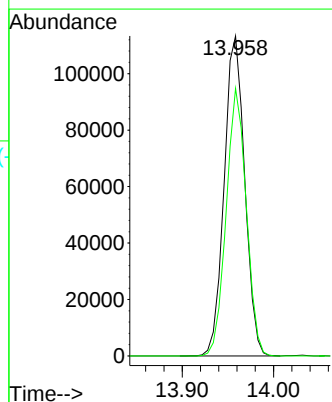
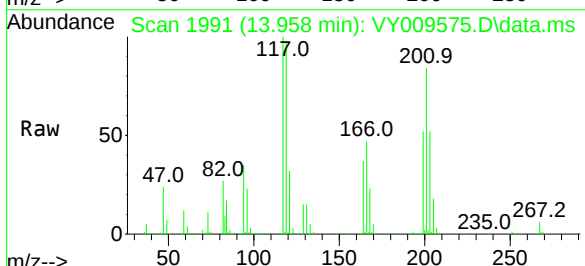
Acq: 18 Jul 2022 16:03

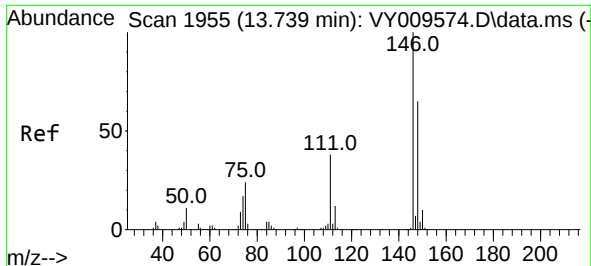
Tgt Ion: 117 Resp: 177201

Ion Ratio Lower Upper

117 100

201 81.8 43.0 128.8

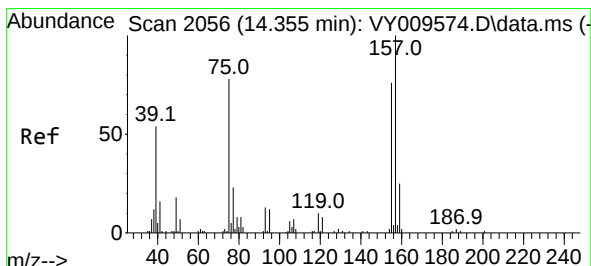
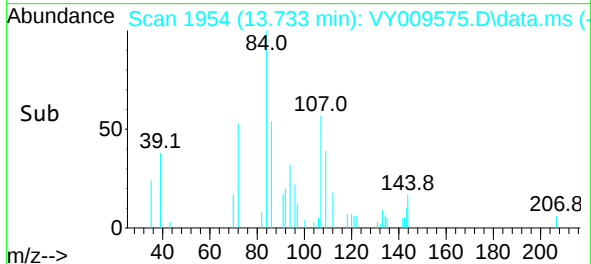
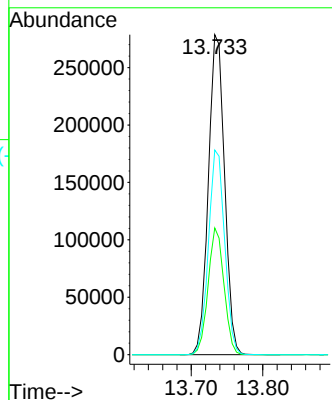
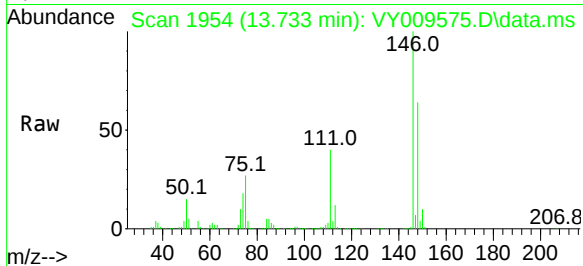




#91
1,2-Dichlorobenzene
Concen: 100.677 ug/l
RT: 13.733 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

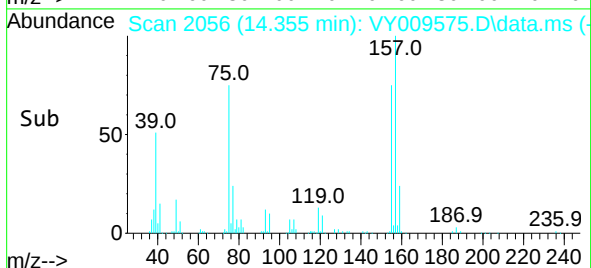
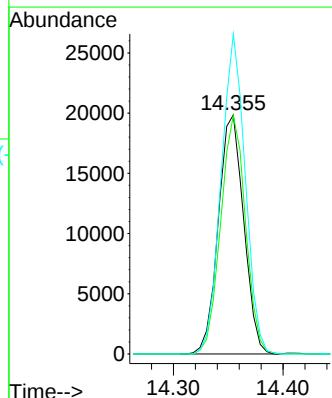
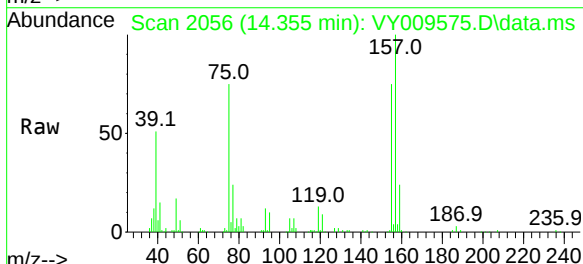
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

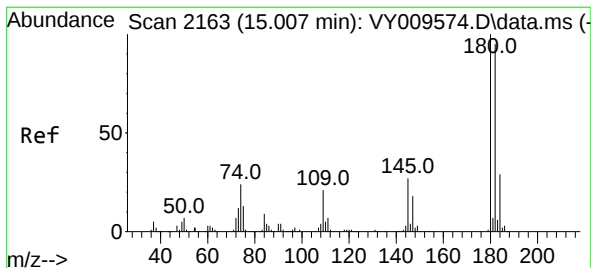
Tgt Ion:146 Resp: 438520
Ion Ratio Lower Upper
146 100
111 38.7 20.3 60.9
148 64.0 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 104.340 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009575.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 75 Resp: 31863
Ion Ratio Lower Upper
75 100
155 97.6 38.0 113.9
157 126.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 104.604 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

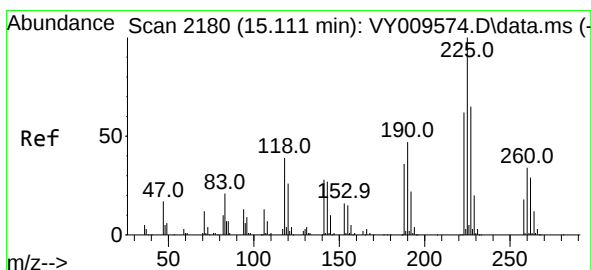
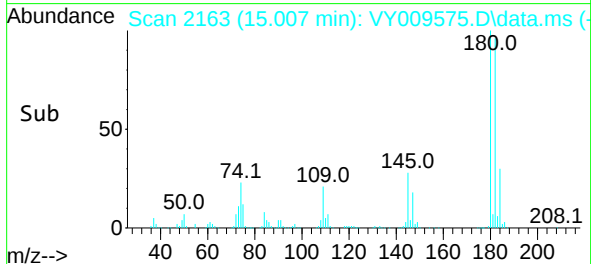
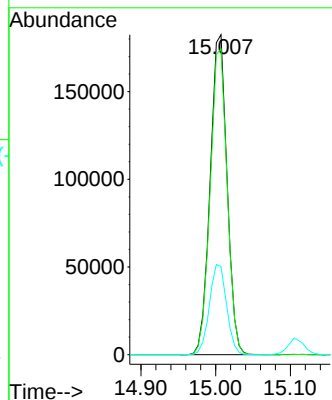
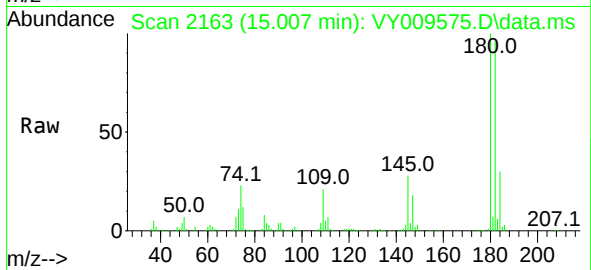
Tgt Ion:180 Resp: 285969

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 28.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 99.595 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

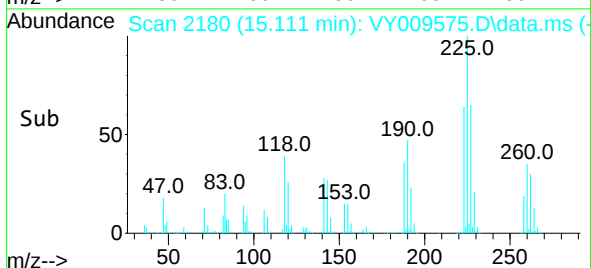
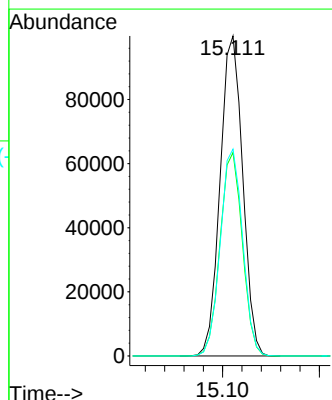
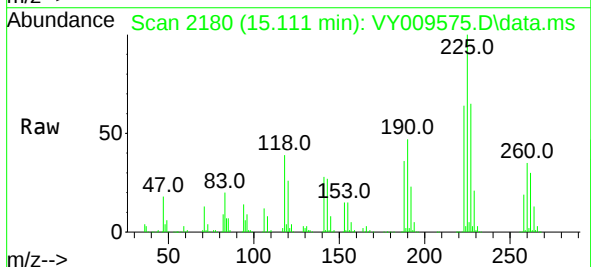
Tgt Ion:225 Resp: 161523

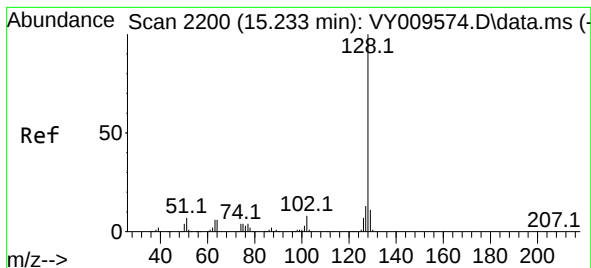
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 111.213 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

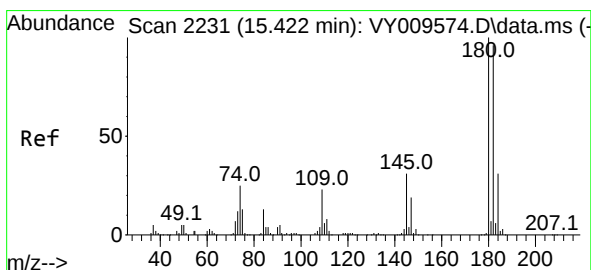
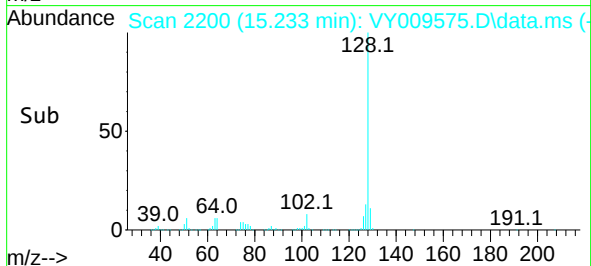
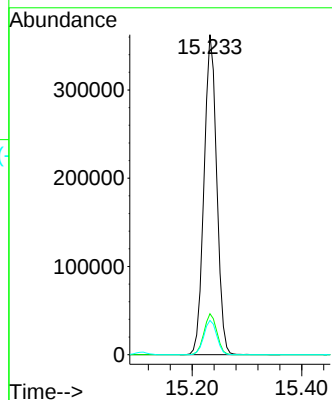
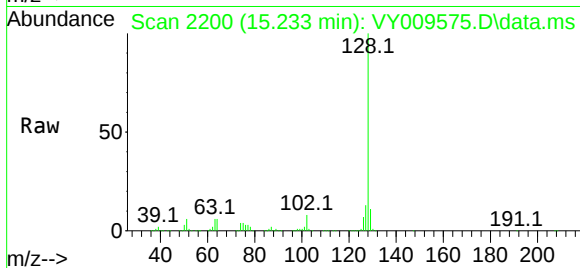
Tgt Ion:128 Resp: 580473

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: 104.920 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009575.D

Acq: 18 Jul 2022 16:03

Tgt Ion:180 Resp: 251960

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 30.5 15.3 45.9

