

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009255.D
 Acq On : 21 Jun 2022 13:41
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 21 14:03:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 13:44:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	178531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	276013	147.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 295.840%#	
35) Dibromofluoromethane	7.710	113	271078	152.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 304.640%#	
50) Toluene-d8	10.179	98	990249	146.460	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 292.920%#	
62) 4-Bromofluorobenzene	12.477	95	349955	145.877	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 291.760%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	199549	149.506	ug/l	99
3) Chloromethane	2.107	50	219127	132.175	ug/l	96
4) Vinyl Chloride	2.247	62	235270	134.553	ug/l	99
5) Bromomethane	2.613	94	163360	132.887	ug/l	97
6) Chloroethane	2.772	64	154749	141.016	ug/l	97
7) Trichlorofluoromethane	3.113	101	442946	158.915	ug/l	96
8) Diethyl Ether	3.521	74	165673	157.102	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.881	101	285818	165.805	ug/l	93
10) Methyl Iodide	4.082	142	372620	169.909	ug/l #	88
11) Tert butyl alcohol	4.954	59	173978	583.430	ug/l	98
12) 1,1-Dichloroethene	3.863	96	269907	160.675	ug/l	86
13) Acrolein	3.717	56	82653	1167.815	ug/l	98
14) Allyl chloride	4.466	41	452764	149.136	ug/l #	90
15) Acrylonitrile	5.155	53	416799	736.043	ug/l	98
16) Acetone	3.942	43	344596	736.973	ug/l #	88
17) Carbon Disulfide	4.180	76	741546	153.054	ug/l	100
18) Methyl Acetate	4.466	43	192013	123.477	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	785039	153.654	ug/l	96
20) Methylene Chloride	4.704	84	329469	135.840	ug/l #	82
21) trans-1,2-Dichloroethene	5.210	96	296566	149.913	ug/l	86
22) Diisopropyl ether	6.112	45	895801	141.212	ug/l #	93
23) Vinyl Acetate	6.051	43	2971611	748.968	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	529436	148.302	ug/l	99
25) 2-Butanone	6.978	43	507771	684.116	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	485695	152.633	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	346549	148.596	ug/l	87
28) Bromochloromethane	7.326	49	212375	138.732	ug/l #	78
29) Tetrahydrofuran	7.344	42	337493	687.990	ug/l #	88
30) Chloroform	7.502	83	553739	150.524	ug/l	99
31) Cyclohexane	7.777	56	454640	136.546	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	505991	157.046	ug/l	95
36) 1,1-Dichloropropene	7.911	75	411534	151.612	ug/l	96
37) Ethyl Acetate	7.070	43	231958	143.428	ug/l #	94
38) Carbon Tetrachloride	7.893	117	452481	160.779	ug/l	99
39) Methylcyclohexane	9.179	83	512906	156.307	ug/l	90
40) Benzene	8.155	78	1194276	149.392	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.338	41	314225	359.464	ug/l	#	1
42) 1,2-Dichloroethane	8.234	62	353838	152.453	ug/l		92
43) Isopropyl Acetate	8.271	43	443476	148.213	ug/l	#	92
44) Trichloroethene	8.935	130	345543	151.653	ug/l		99
45) 1,2-Dichloropropane	9.209	63	298699	147.158	ug/l		95
46) Dibromomethane	9.301	93	175382	151.068	ug/l		98
47) Bromodichloromethane	9.490	83	431245	155.414	ug/l		98
48) Methyl methacrylate	9.289	41	197139	148.708	ug/l	#	86
49) 1,4-Dioxane	9.295	88	47628	2912.058	ug/l		88
51) 4-Methyl-2-Pentanone	10.069	43	1120560	713.061	ug/l		91
52) Toluene	10.240	92	761608	149.507	ug/l		94
53) t-1,3-Dichloropropene	10.459	75	452170	155.473	ug/l		98
54) cis-1,3-Dichloropropene	9.923	75	504611	153.167	ug/l	#	89
55) 1,1,2-Trichloroethane	10.642	97	246624	149.882	ug/l		97
56) Ethyl methacrylate	10.508	69	346668	156.153	ug/l	#	83
57) 1,3-Dichloropropane	10.788	76	417220	148.832	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.776	63	658394	678.706	ug/l		93
59) 2-Hexanone	10.831	43	774805	718.134	ug/l		90
60) Dibromochloromethane	10.984	129	308294	153.020	ug/l		99
61) 1,2-Dibromoethane	11.087	107	241323	151.613	ug/l		99
64) Tetrachloroethene	10.715	164	331225	143.982	ug/l		95
65) Chlorobenzene	11.514	112	821607	152.713	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.587	131	304151	154.287	ug/l		98
67) Ethyl Benzene	11.587	91	1449202	154.396	ug/l		98
68) m/p-Xylenes	11.697	106	1135733	307.162	ug/l		93
69) o-Xylene	12.026	106	548663	156.191	ug/l		93
70) Styrene	12.044	104	931682	158.402	ug/l		97
71) Bromoform	12.203	173	197285	157.254	ug/l	#	99
73) Isopropylbenzene	12.325	105	1471158	162.725	ug/l		99
74) N-amyl acetate	12.142	43	395209	158.088	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	269190	151.342	ug/l		99
76) 1,2,3-Trichloropropane	12.630	75	368766	277.080	ug/l	#	100
77) Bromobenzene	12.605	156	341914	154.302	ug/l		94
78) n-propylbenzene	12.672	91	1726108	157.918	ug/l		97
79) 2-Chlorotoluene	12.752	91	979518	158.811	ug/l		97
80) 1,3,5-Trimethylbenzene	12.812	105	1203489	159.626	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.374	75	103645	156.425	ug/l		88
82) 4-Chlorotoluene	12.855	91	1009412	156.965	ug/l		97
83) tert-Butylbenzene	13.075	119	1072976	162.340	ug/l		95
84) 1,2,4-Trimethylbenzene	13.117	105	1180266	159.509	ug/l		98
85) sec-Butylbenzene	13.251	105	1562418	159.035	ug/l		98
86) p-Isopropyltoluene	13.367	119	1297981	159.269	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	652216	152.768	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	661299	152.877	ug/l		98
89) n-Butylbenzene	13.696	91	1207704	157.045	ug/l		98
90) Hexachloroethane	13.959	117	244737	158.513	ug/l		90
91) 1,2-Dichlorobenzene	13.739	146	598196	155.340	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	47937	151.660	ug/l		80
93) 1,2,4-Trichlorobenzene	15.007	180	375824	155.781	ug/l		98
94) Hexachlorobutadiene	15.111	225	188245	141.909	ug/l		98
95) Naphthalene	15.233	128	817944	163.450	ug/l		98
96) 1,2,3-Trichlorobenzene	15.422	180	327745	155.464	ug/l		98

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Response via : Initial Calibration

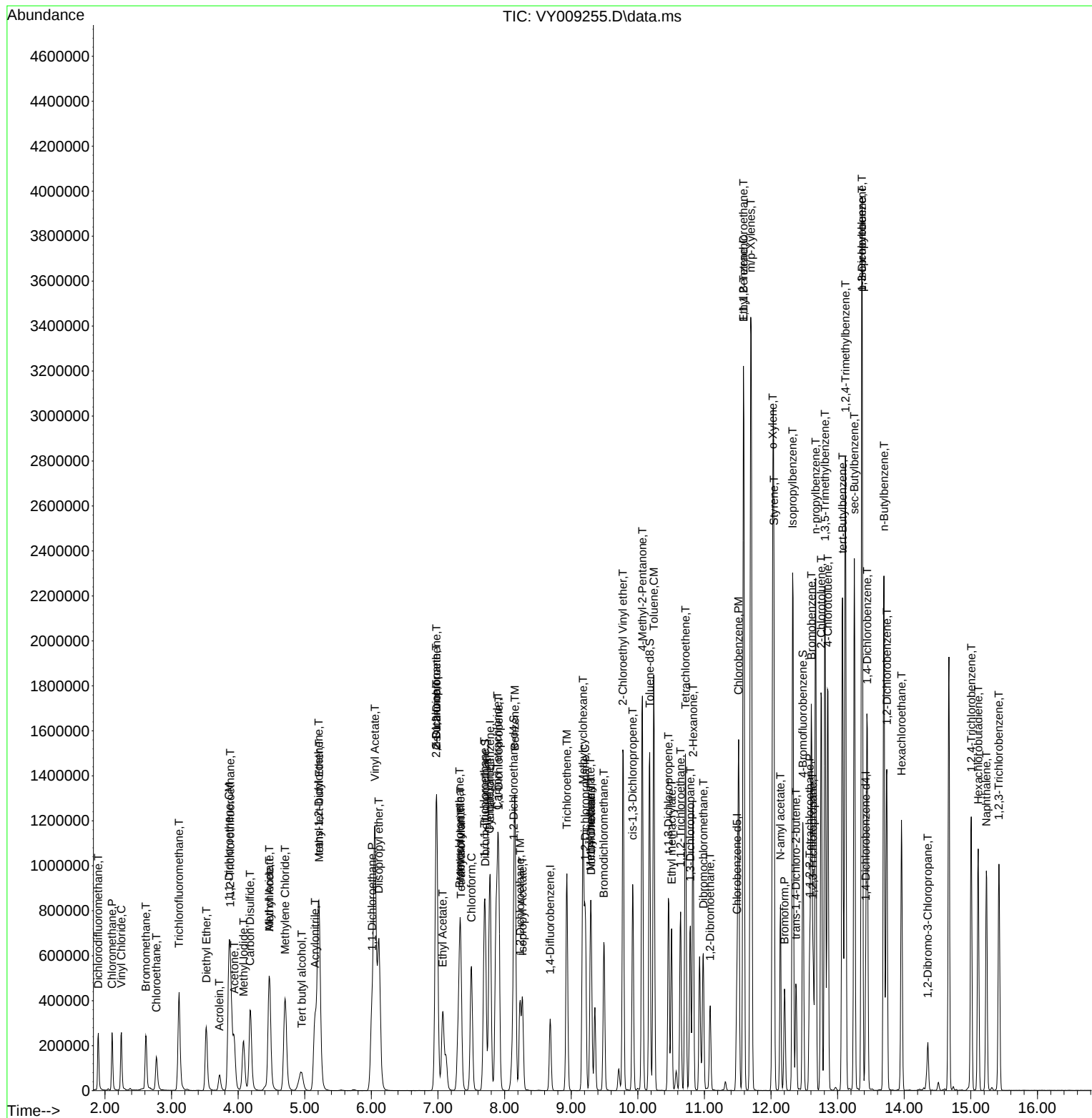
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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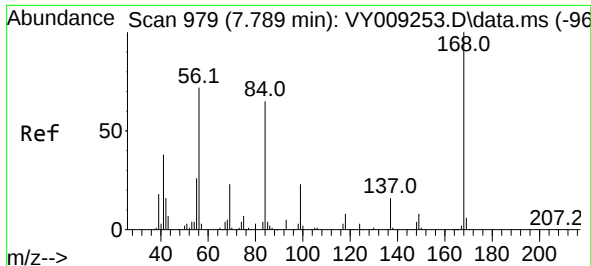
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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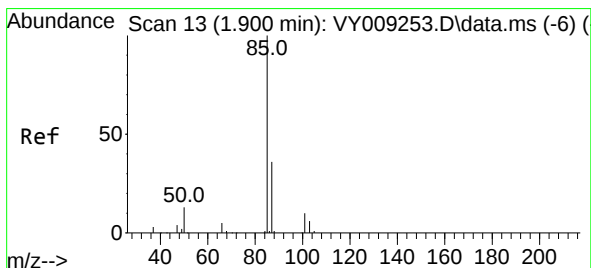
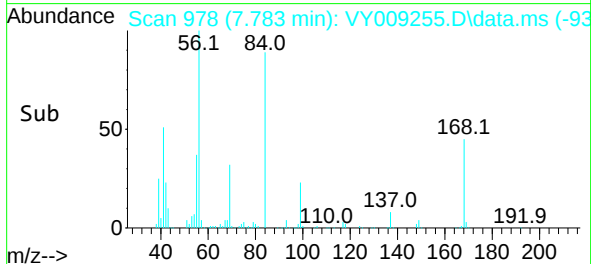
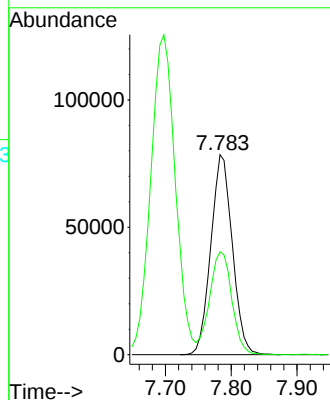
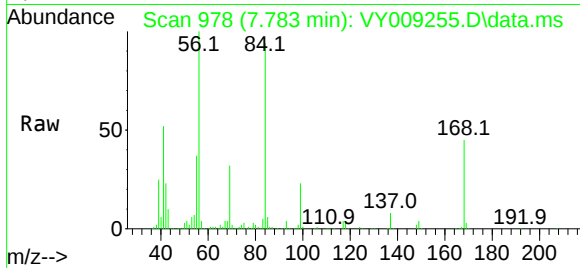




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009255.D
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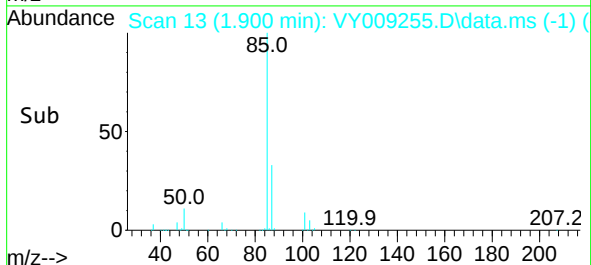
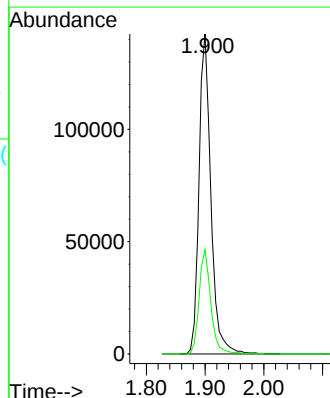
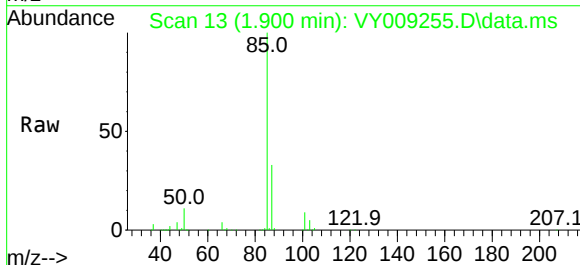
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

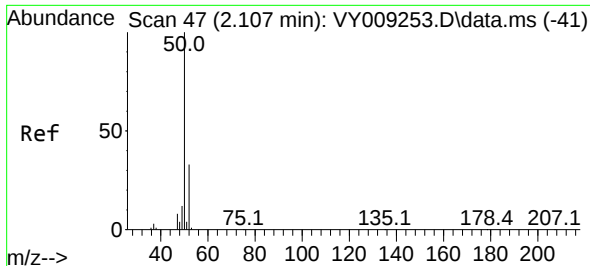
Tgt Ion:168 Resp: 178531
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 149.506 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 85 Resp: 199549
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

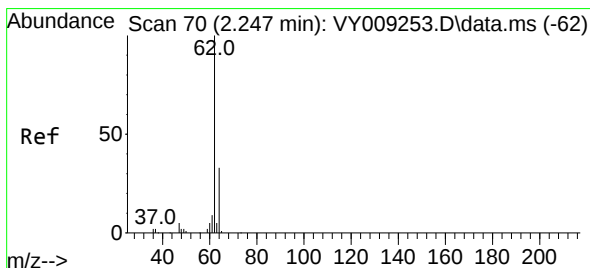
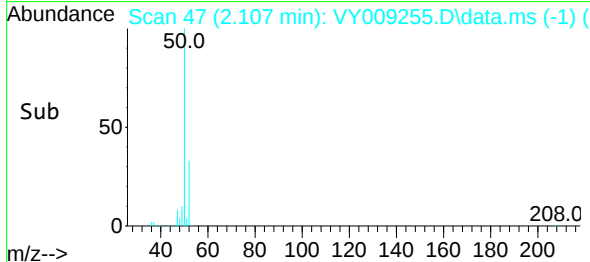
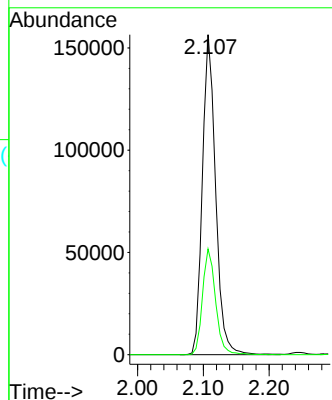
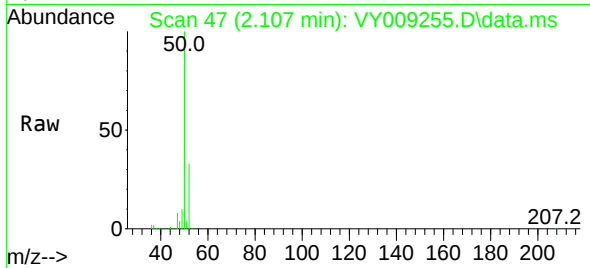




#3
Chloromethane
Concen: 132.175 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

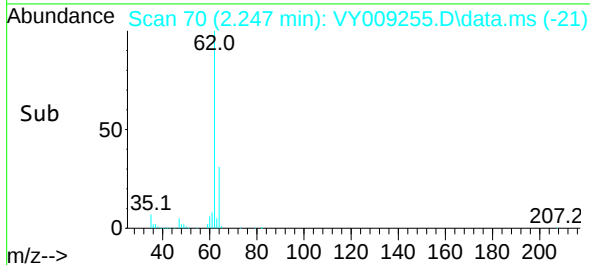
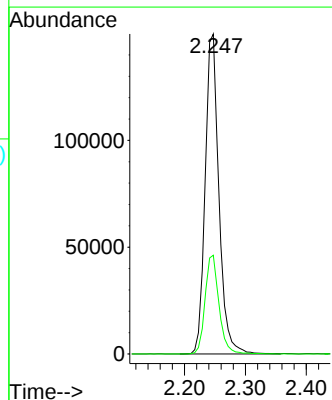
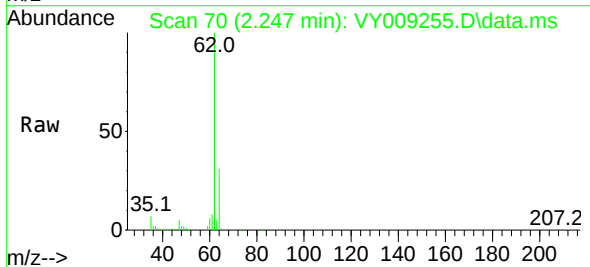
Instrument :
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ClientSampleId :
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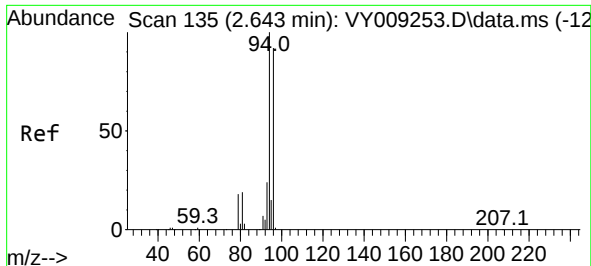
Tgt Ion: 50 Resp: 219127
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0



#4
Vinyl Chloride
Concen: 134.553 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 62 Resp: 235270
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.6

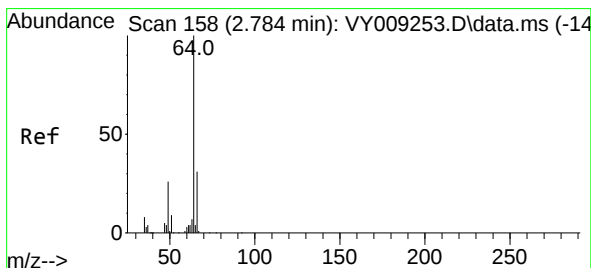
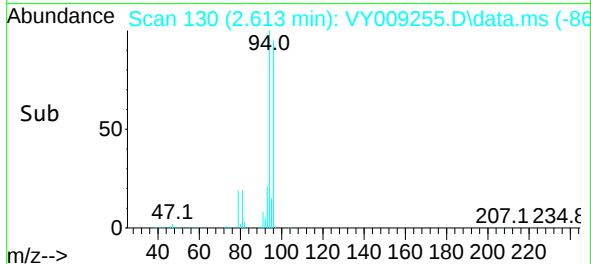
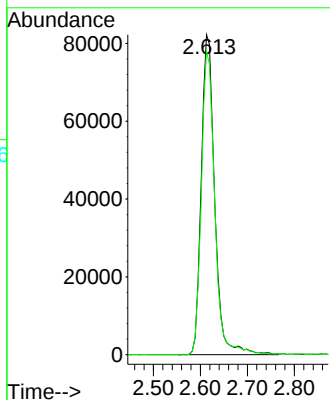
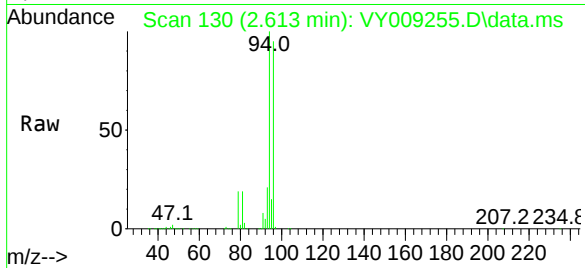




#5
Bromomethane
Concen: 132.887 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY009255.D
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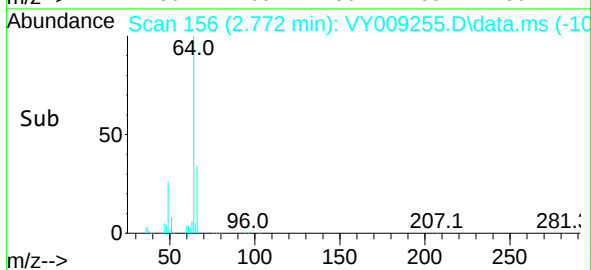
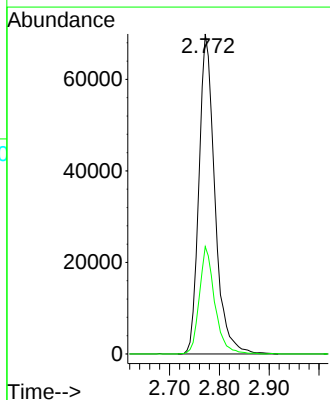
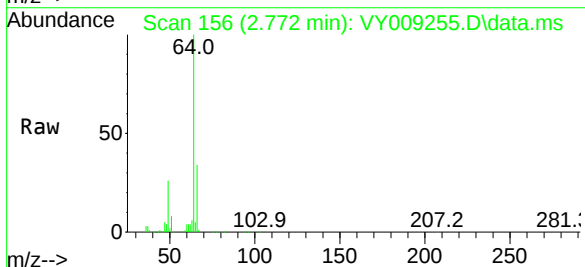
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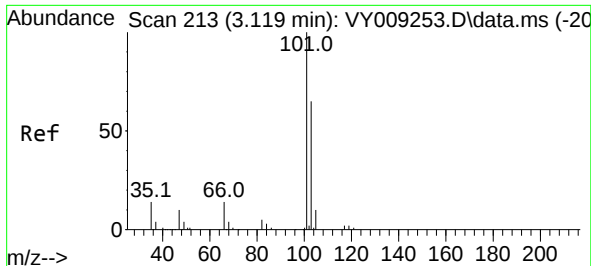
Tgt Ion: 94 Resp: 163360
Ion Ratio Lower Upper
94 100
96 94.8 73.5 110.3



#6
Chloroethane
Concen: 141.016 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 64 Resp: 154749
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.0

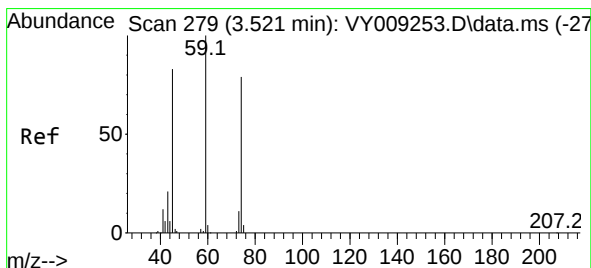
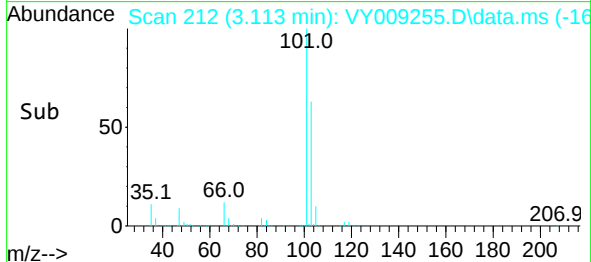
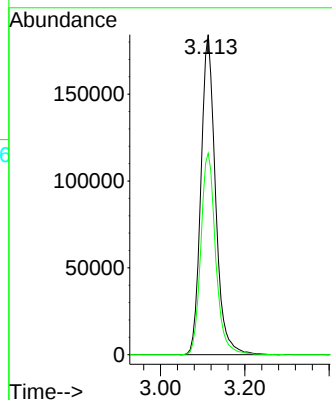
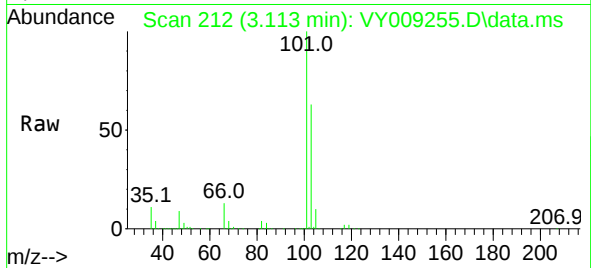




#7
 Trichlorofluoromethane
 Concen: 158.915 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

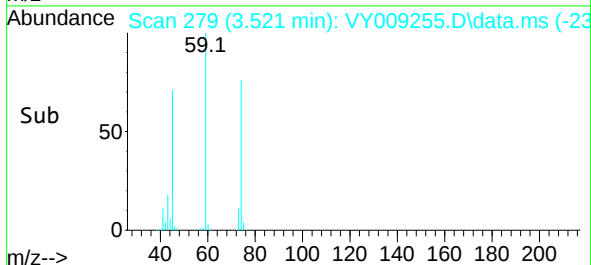
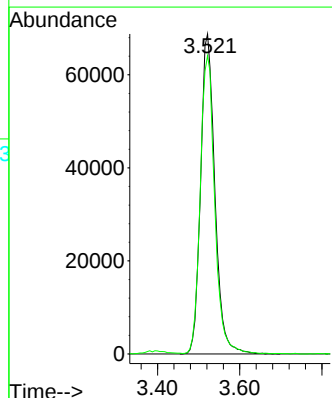
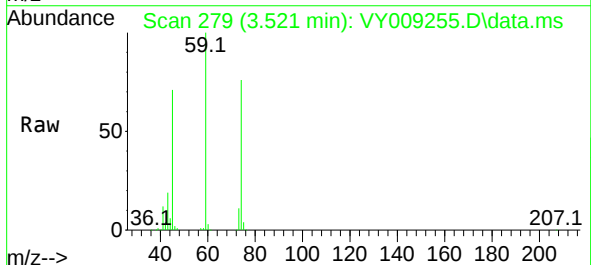
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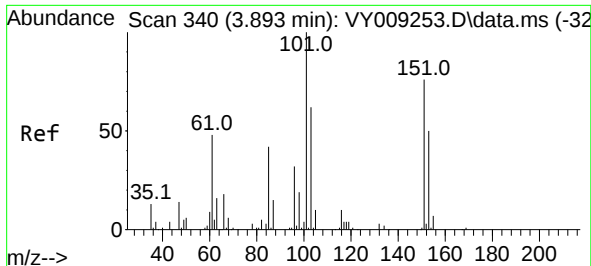
Tgt Ion:101 Resp: 442946
 Ion Ratio Lower Upper
 101 100
 103 63.0 48.0 72.0



#8
 Diethyl Ether
 Concen: 157.102 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

Tgt Ion: 74 Resp: 165673
 Ion Ratio Lower Upper
 74 100
 45 94.4 55.1 165.5

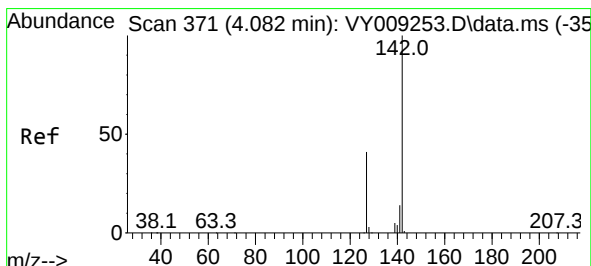
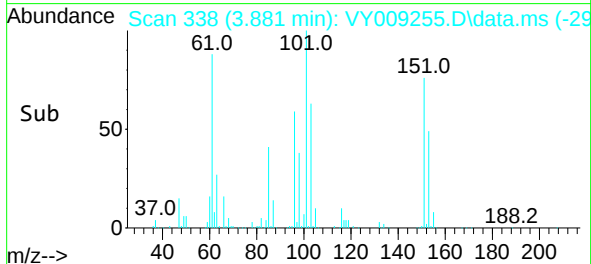
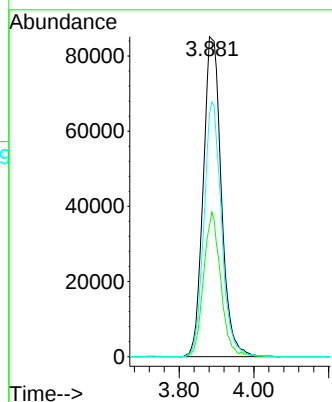
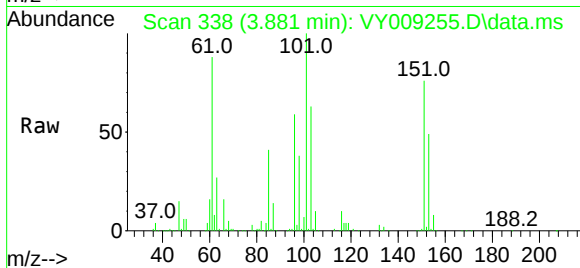




#9
1,1,2-Trichlorotrifluoroethane
Concen: 165.805 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

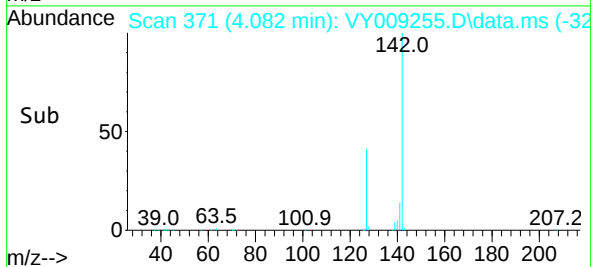
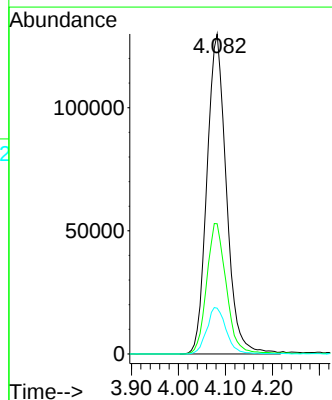
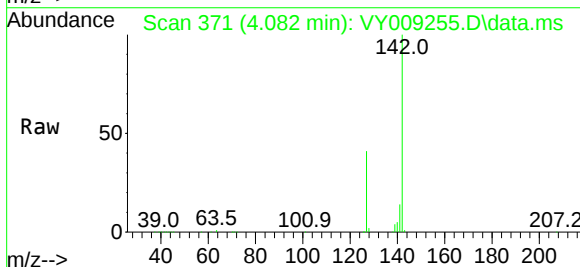
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

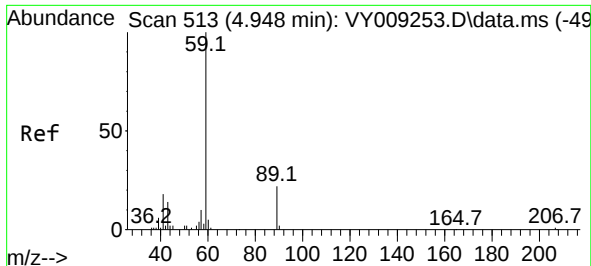
Tgt Ion:101 Resp: 285818
Ion Ratio Lower Upper
101 100
85 42.7 40.6 60.8
151 77.1 64.9 97.3



#10
Methyl Iodide
Concen: 169.909 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion:142 Resp: 372620
Ion Ratio Lower Upper
142 100
127 41.3 41.5 62.3#
141 14.5 11.9 17.9

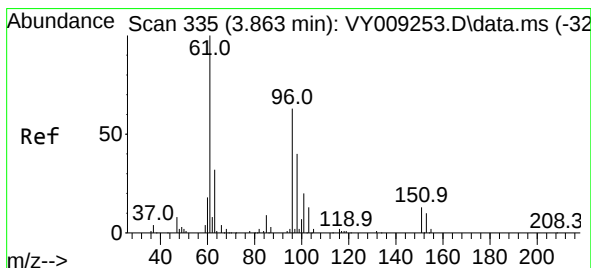
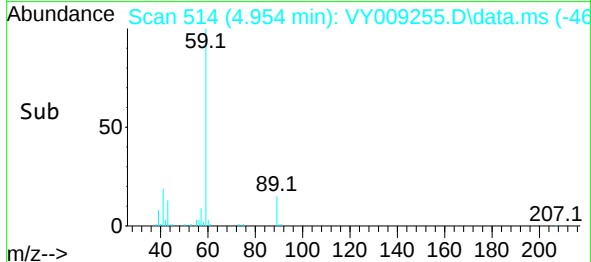
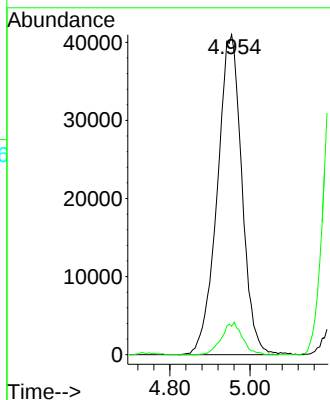
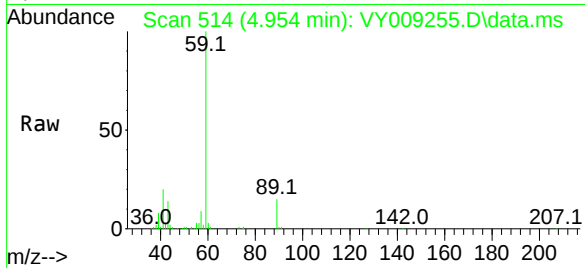




#11
Tert butyl alcohol
Concen: 583.430 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

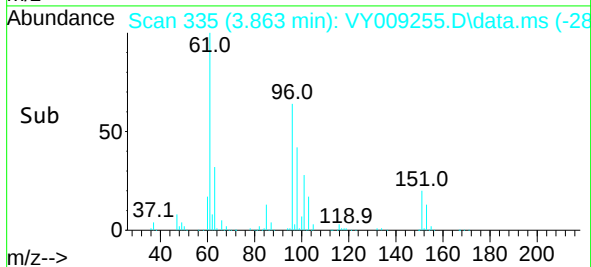
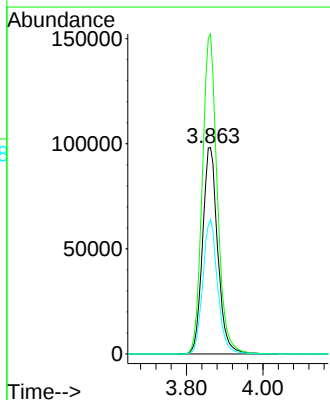
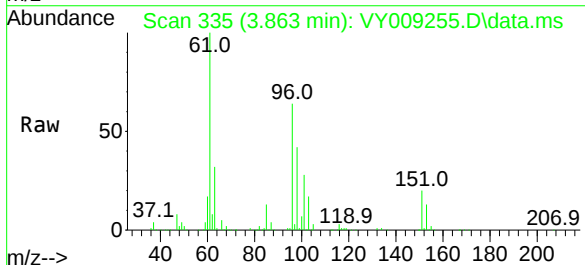
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

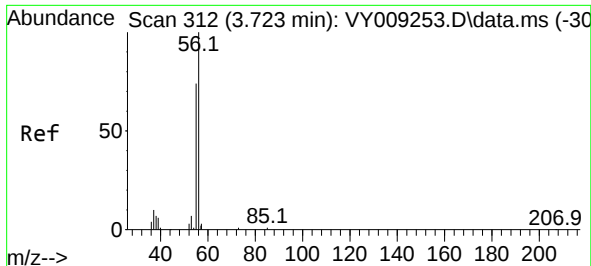
Tgt Ion: 59 Resp: 173978
Ion Ratio Lower Upper
59 100
57 8.6 6.4 9.6



#12
1,1-Dichloroethene
Concen: 160.675 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 96 Resp: 269907
Ion Ratio Lower Upper
96 100
61 155.1 145.8 218.6
98 65.2 52.5 78.7

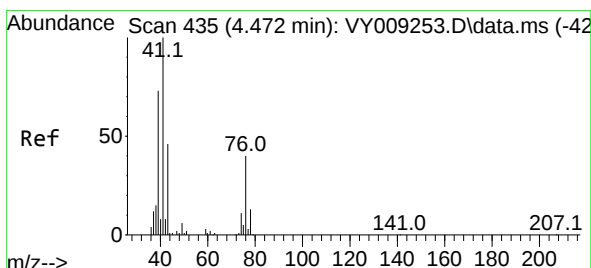
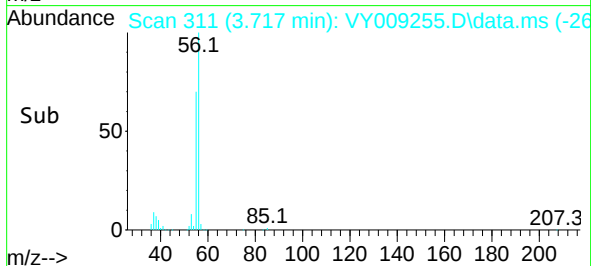
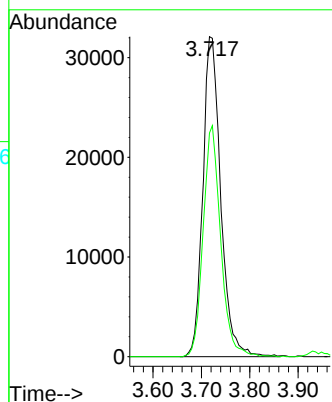
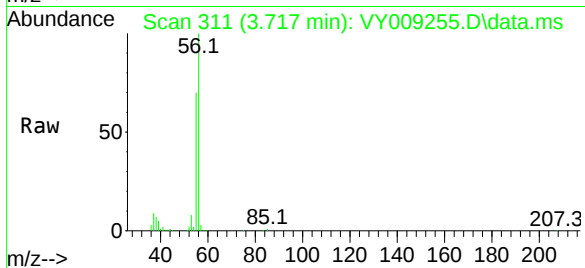




#13
Acrolein
Concen: 1167.815 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

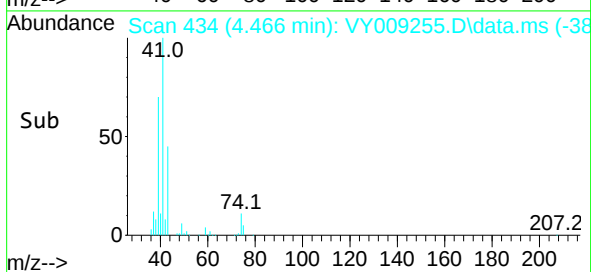
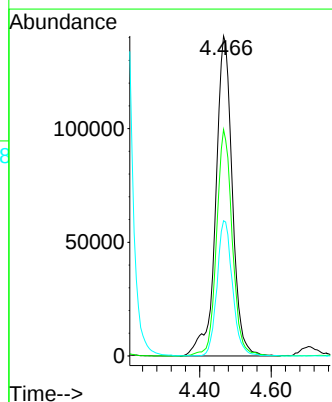
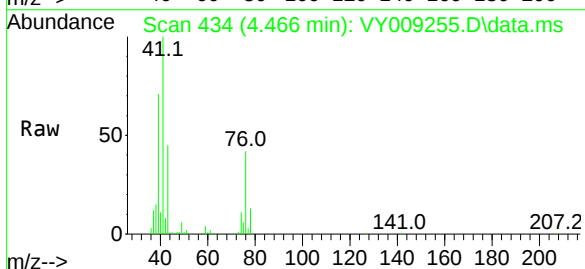
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

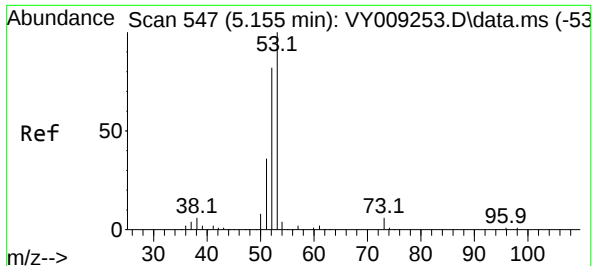
Tgt Ion: 56 Resp: 82653
Ion Ratio Lower Upper
56 100
55 70.7 57.6 86.4



#14
Allyl chloride
Concen: 149.136 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 41 Resp: 452764
Ion Ratio Lower Upper
41 100
39 66.9 58.8 88.2
76 39.4 25.1 37.7#

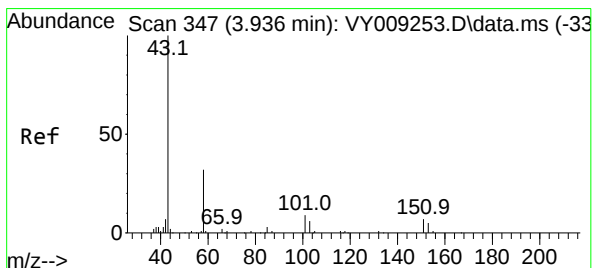
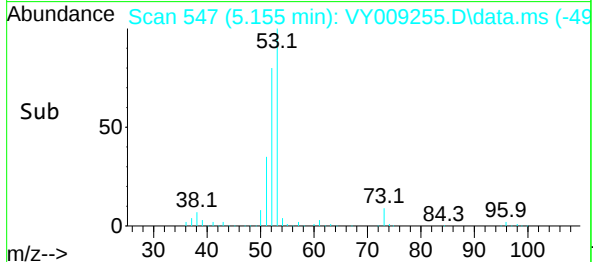
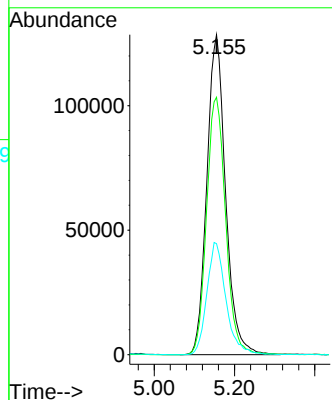
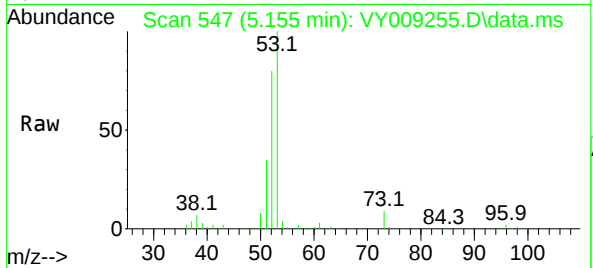




#15
Acrylonitrile
Concen: 736.043 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

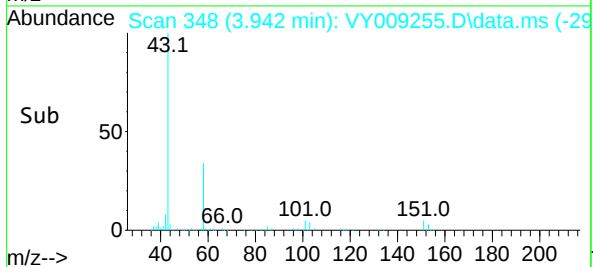
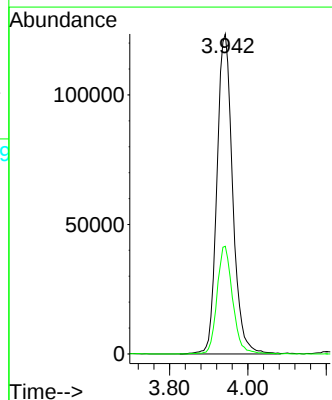
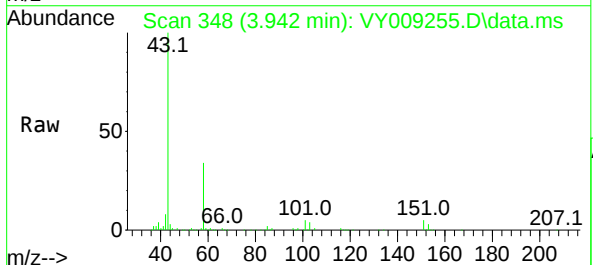
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

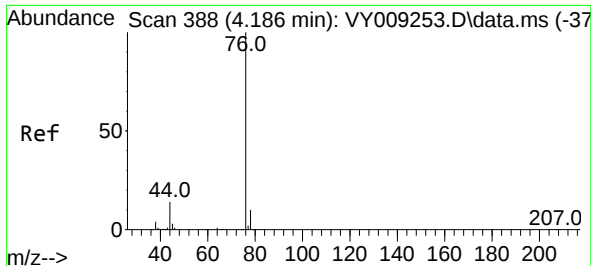
Tgt Ion: 53 Resp: 416799
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 35.7 29.8 44.6



#16
Acetone
Concen: 736.973 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 43 Resp: 344596
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#

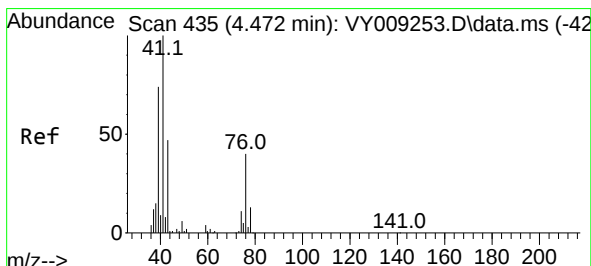
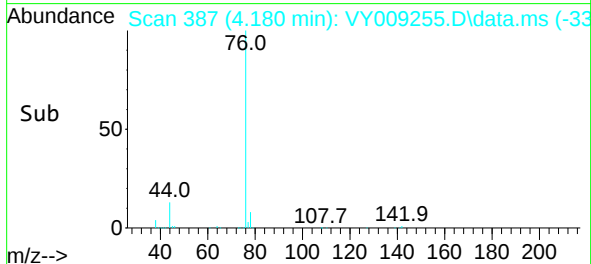
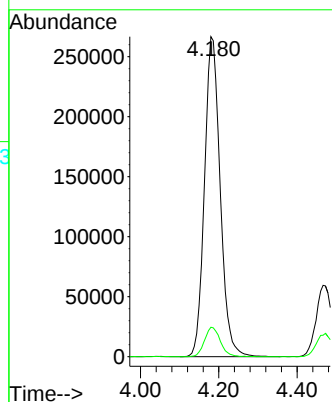
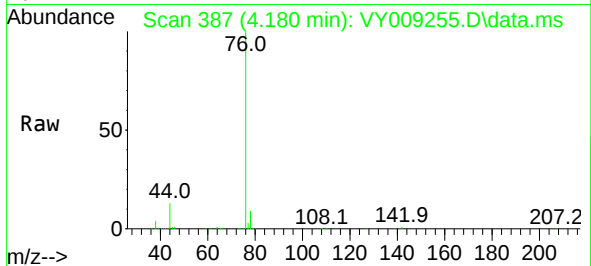




#17
Carbon Disulfide
Concen: 153.054 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

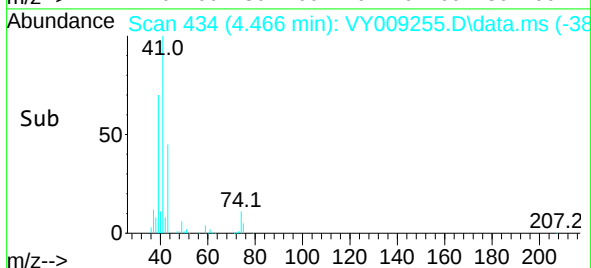
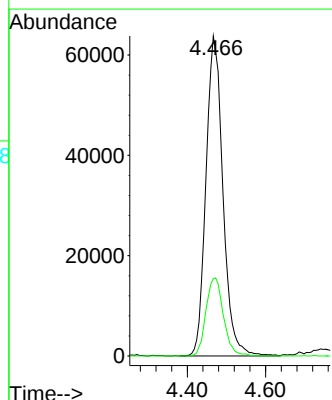
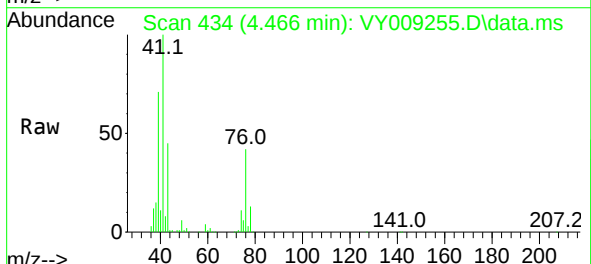
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

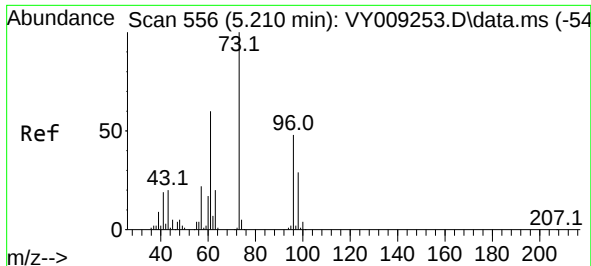
Tgt Ion: 76 Resp: 741546
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 123.477 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 43 Resp: 192013
Ion Ratio Lower Upper
43 100
74 25.1 16.6 24.8#

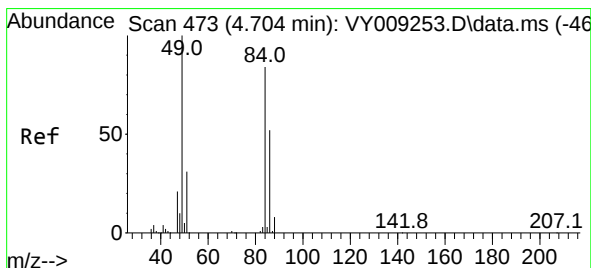
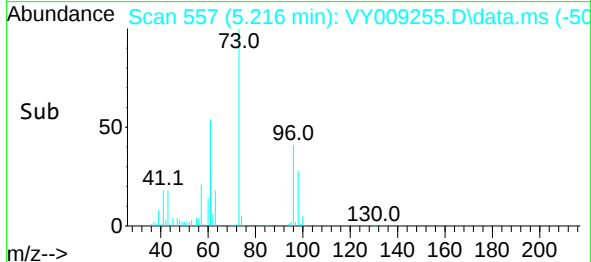
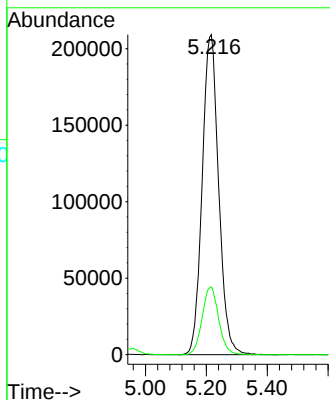
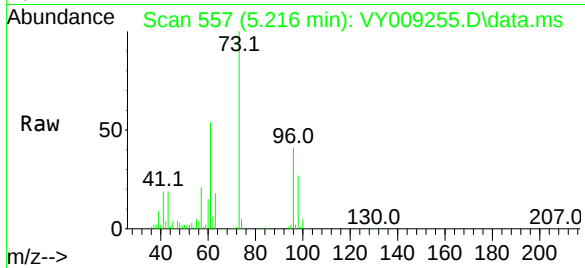




#19
Methyl tert-butyl Ether
Concen: 153.654 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

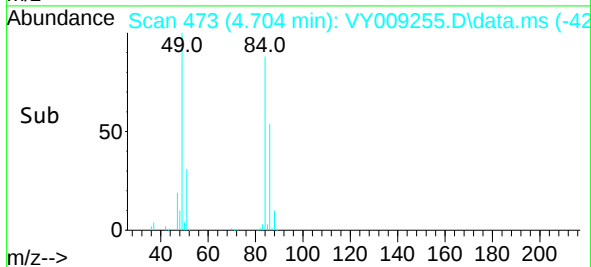
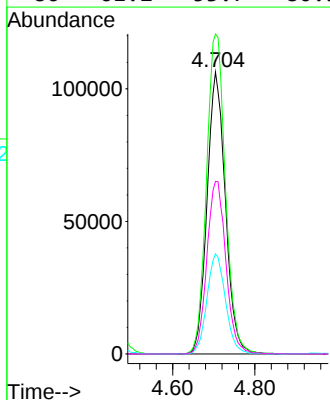
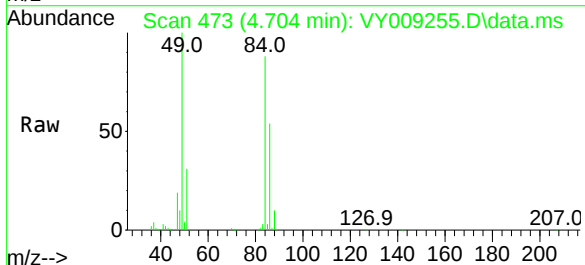
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

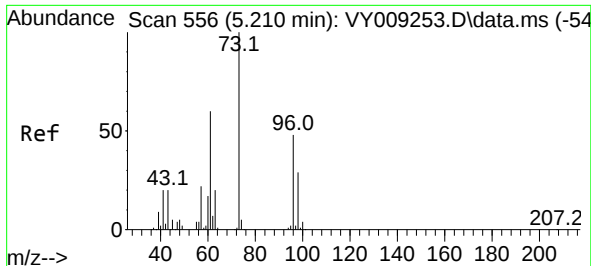
Tgt Ion: 73 Resp: 785039
Ion Ratio Lower Upper
73 100
57 21.2 18.6 27.8



#20
Methylene Chloride
Concen: 135.840 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 84 Resp: 329469
Ion Ratio Lower Upper
84 100
49 113.5 114.4 171.6#
51 35.5 35.3 52.9
86 61.2 53.7 80.5

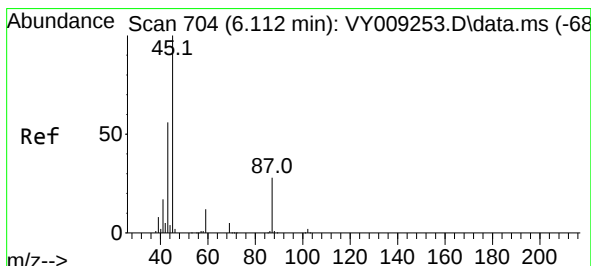
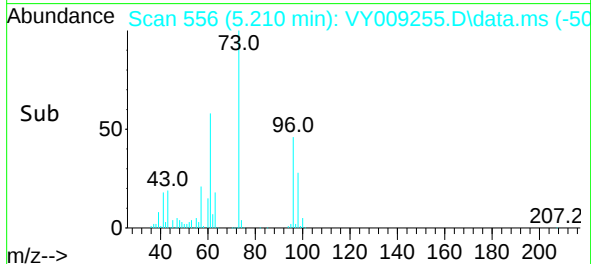
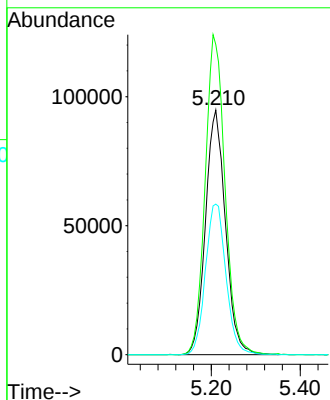
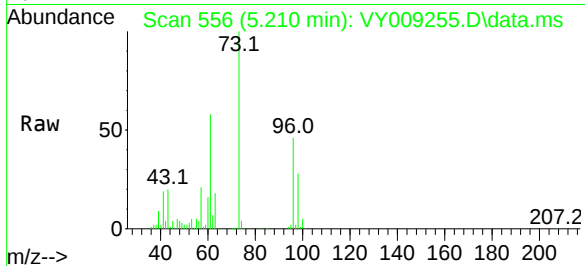




#21
trans-1,2-Dichloroethene
Concen: 149.913 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

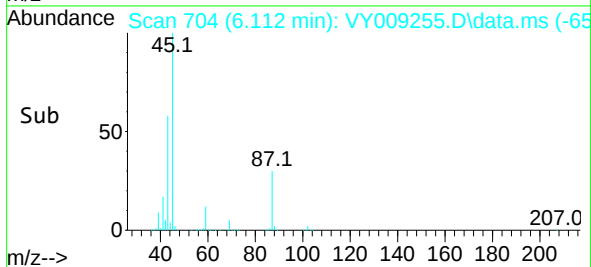
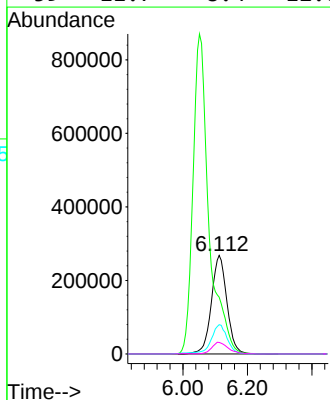
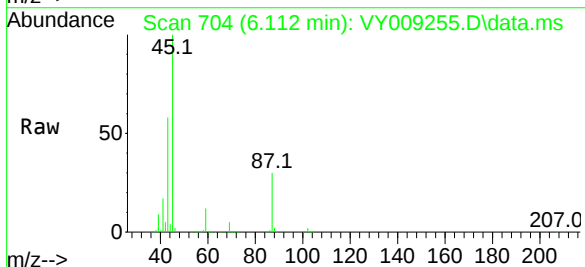
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

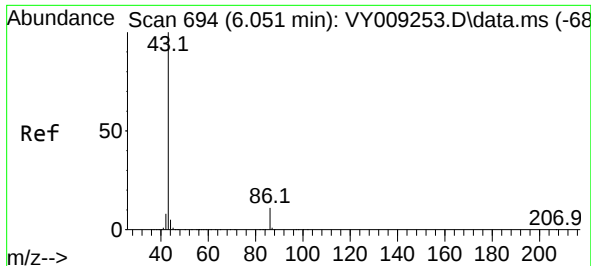
Tgt Ion: 96 Resp: 296566
Ion Ratio Lower Upper
96 100
61 126.8 120.5 180.7
98 61.6 49.8 74.8



#22
Diisopropyl ether
Concen: 141.212 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 45 Resp: 895801
Ion Ratio Lower Upper
45 100
43 57.5 49.3 73.9
87 29.7 19.2 28.8#
59 11.7 8.4 12.6

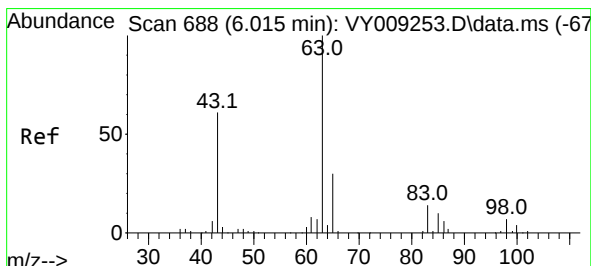
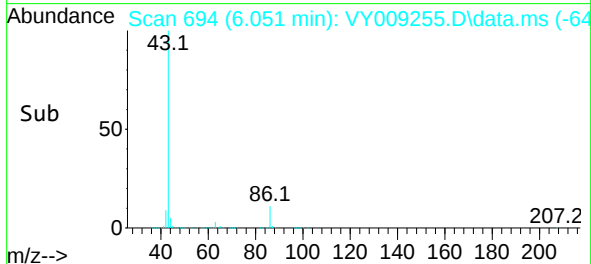
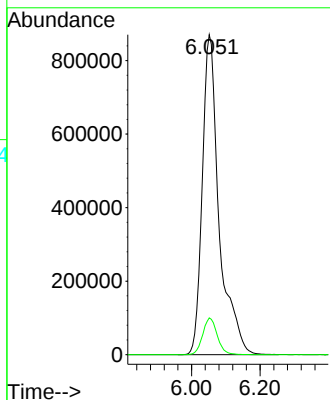
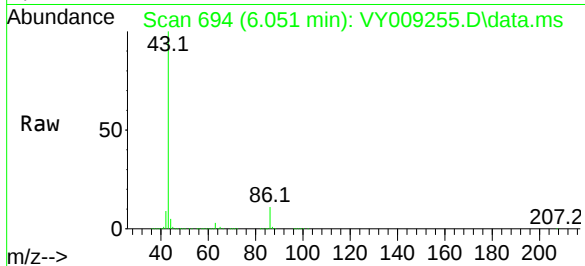




#23
 Vinyl Acetate
 Concen: 748.968 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

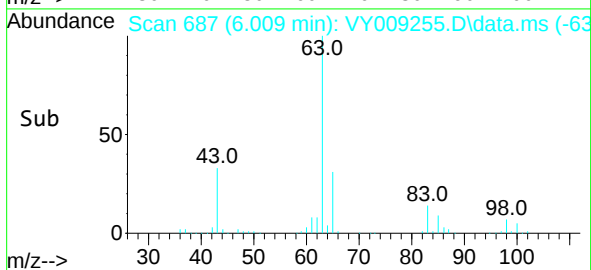
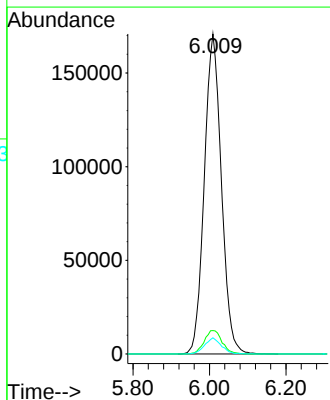
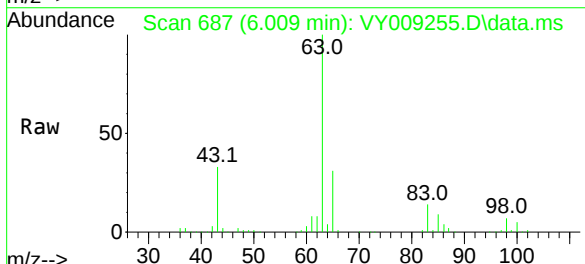
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

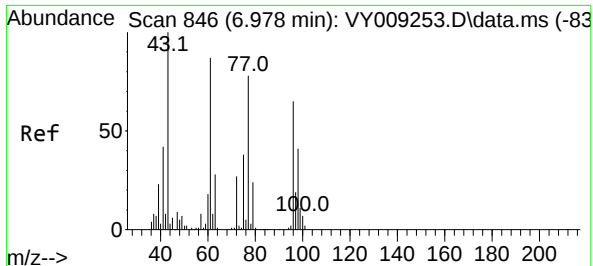
Tgt Ion: 43 Resp: 2971611
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 148.302 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

Tgt Ion: 63 Resp: 529436
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.0 2.0 5.8

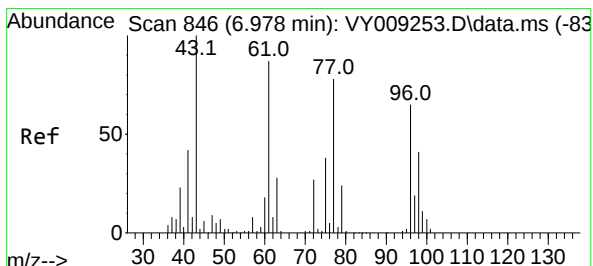
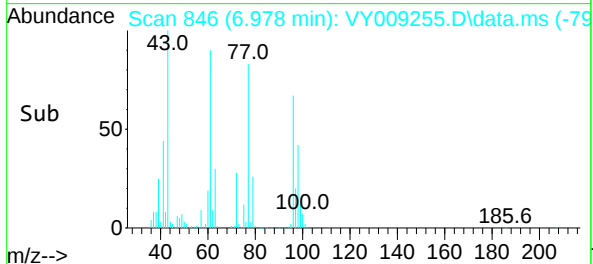
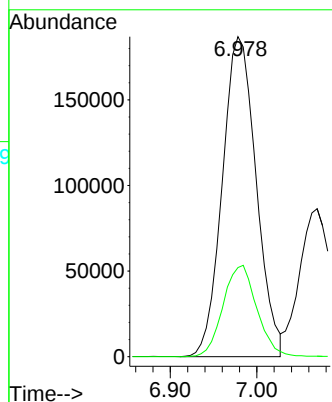
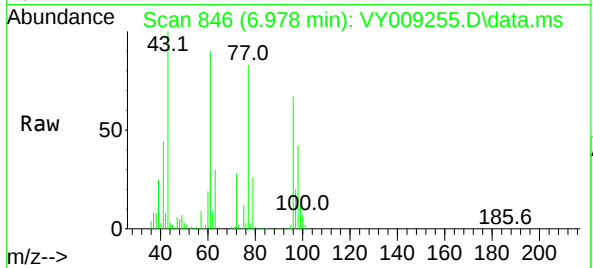




#25
2-Butanone
Concen: 684.116 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

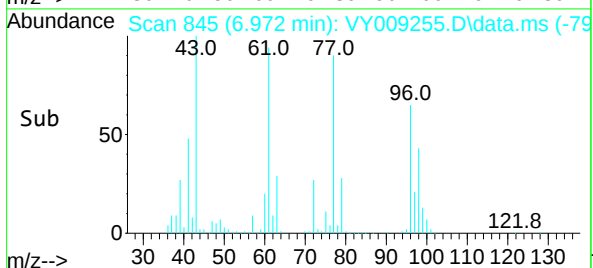
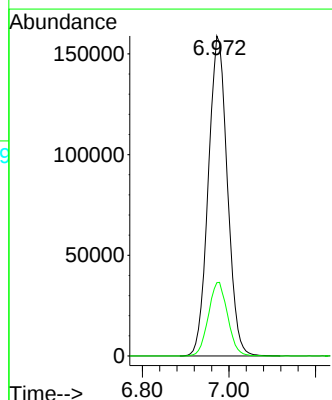
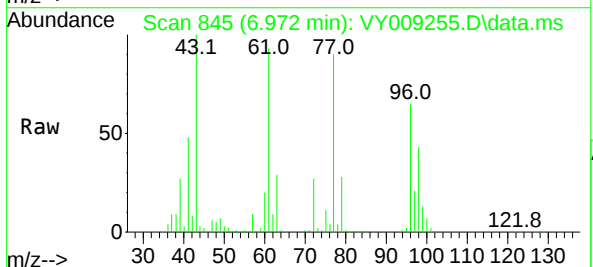
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

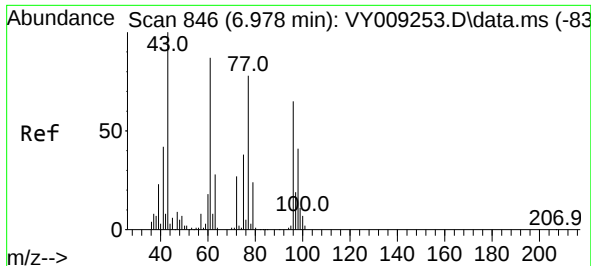
Tgt Ion: 43 Resp: 507771
Ion Ratio Lower Upper
43 100
72 27.8 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 152.633 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 77 Resp: 485695
Ion Ratio Lower Upper
77 100
97 23.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 148.596 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

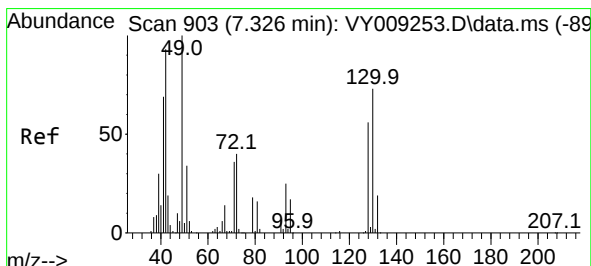
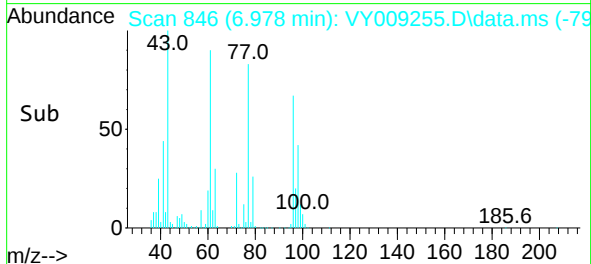
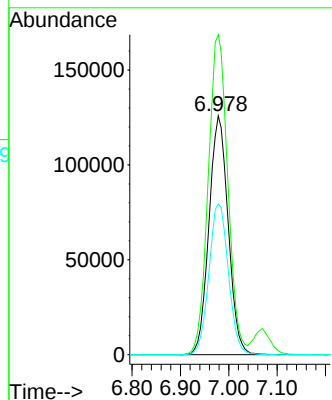
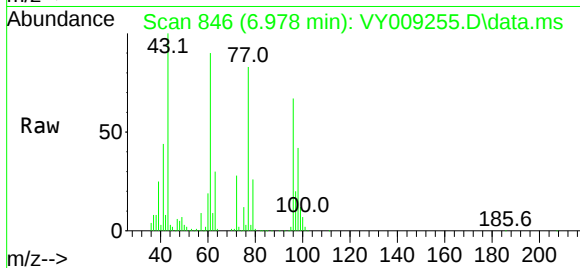
Tgt Ion: 96 Resp: 346549

Ion Ratio Lower Upper

96 100

61 136.7 0.0 319.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 138.732 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

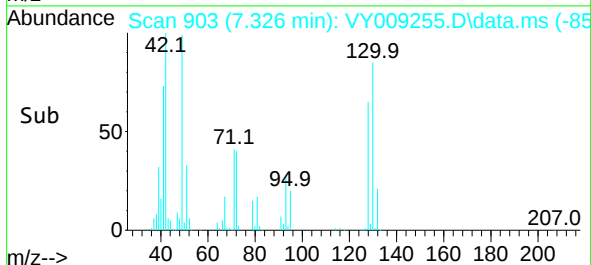
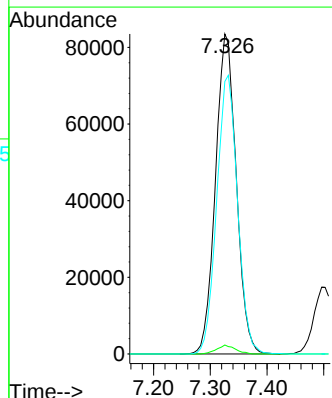
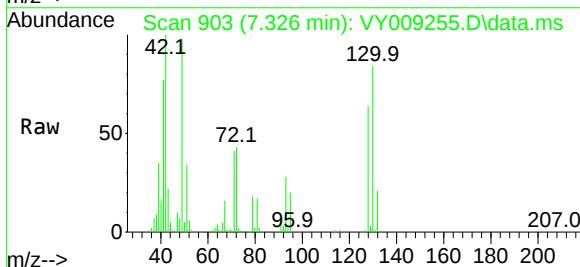
Tgt Ion: 49 Resp: 212375

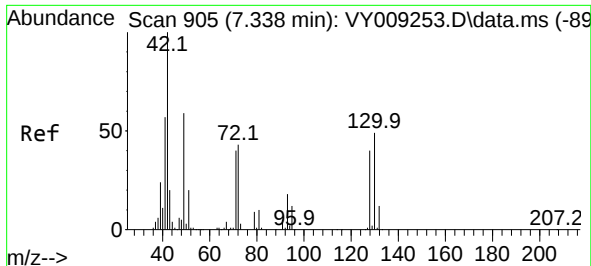
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 87.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 687.990 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

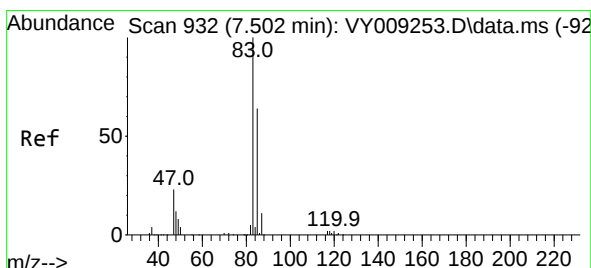
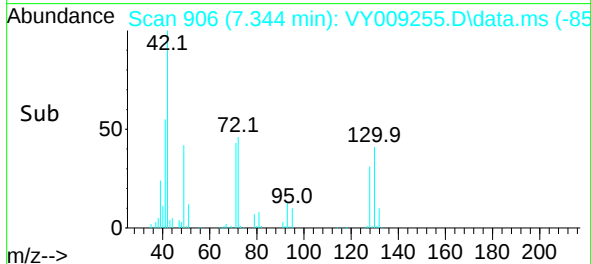
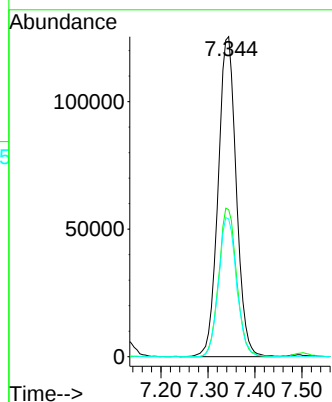
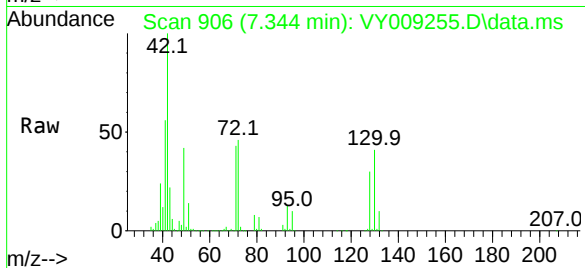
Tgt Ion: 42 Resp: 337493

Ion Ratio Lower Upper

42 100

72 45.8 30.3 45.5#

71 43.1 29.0 43.4



#30

Chloroform

Concen: 150.524 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY009255.D

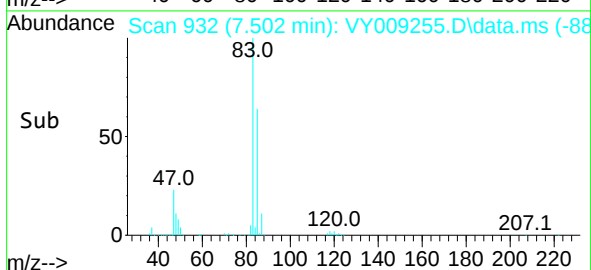
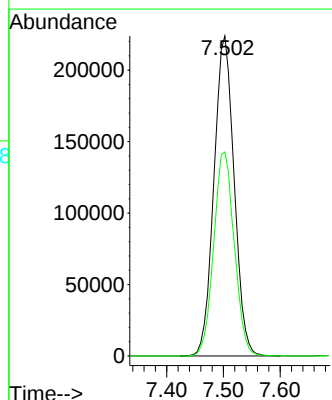
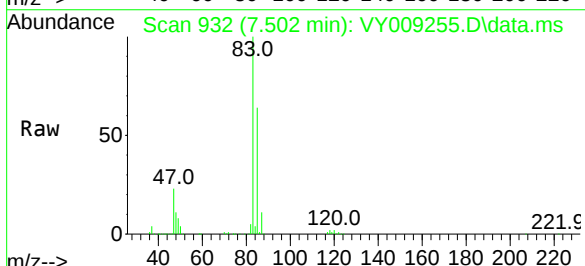
Acq: 21 Jun 2022 13:41

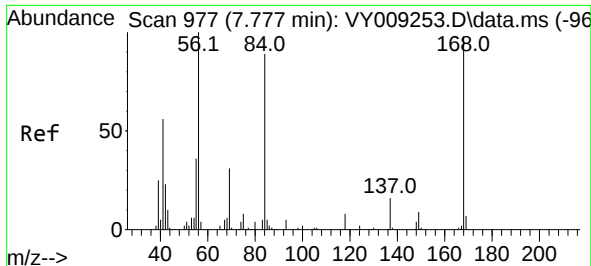
Tgt Ion: 83 Resp: 553739

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

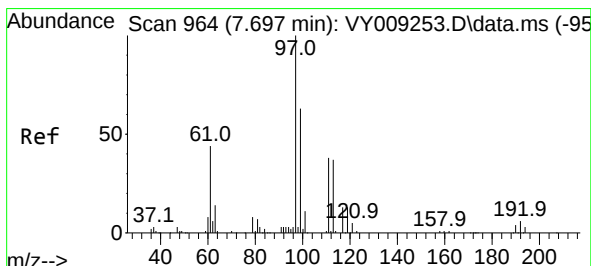
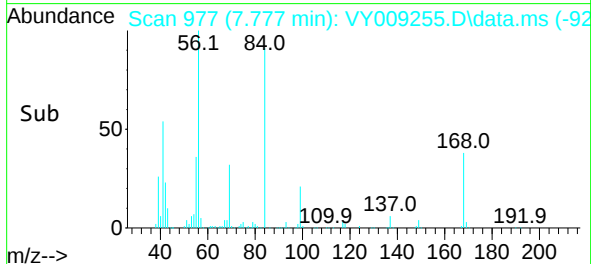
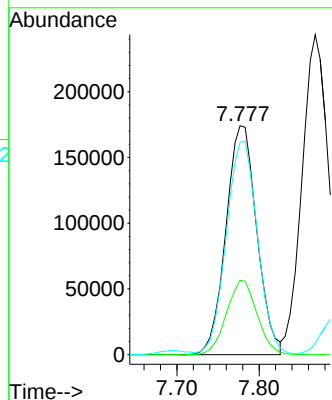
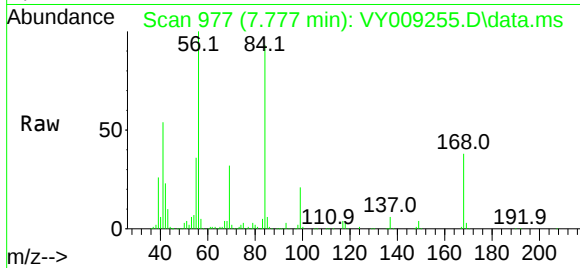




#31
Cyclohexane
Concen: 136.546 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

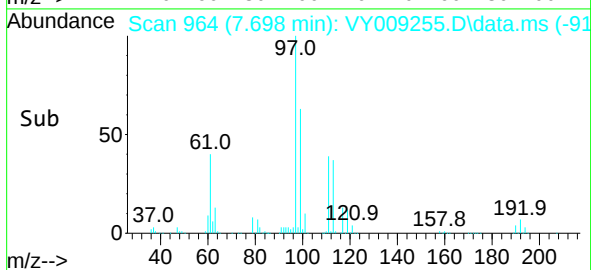
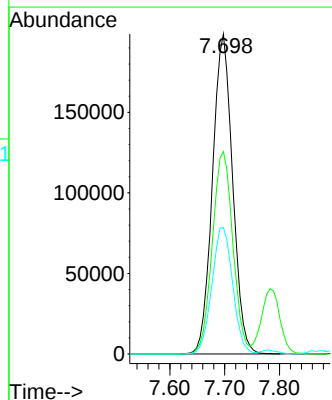
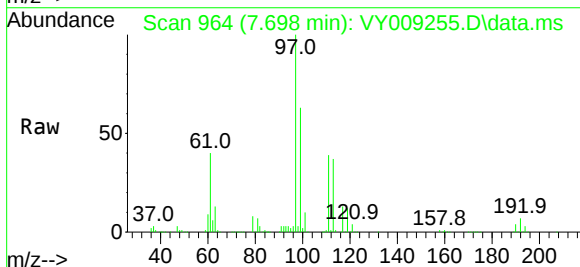
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

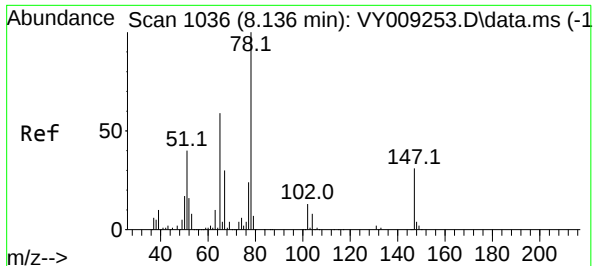
Tgt Ion: 56 Resp: 454640
Ion Ratio Lower Upper
56 100
69 32.5 26.7 40.1
84 91.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 157.046 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 97 Resp: 505991
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 40.8 37.6 56.4



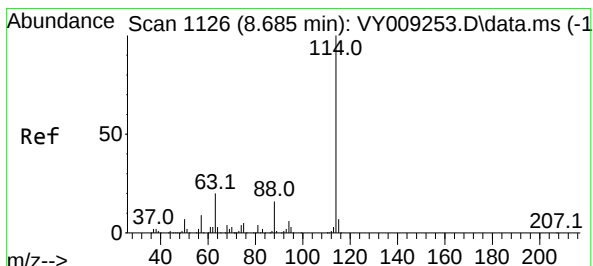
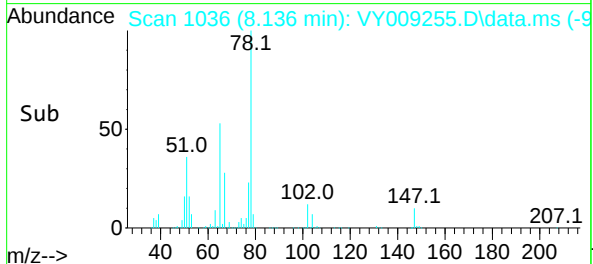
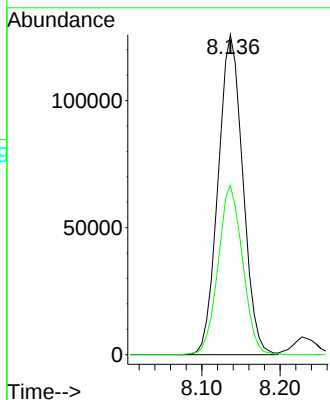
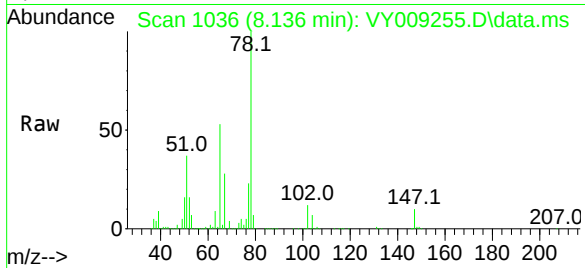


#33
 1,2-Dichloroethane-d4
 Concen: 147.916 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 65 Resp: 276013

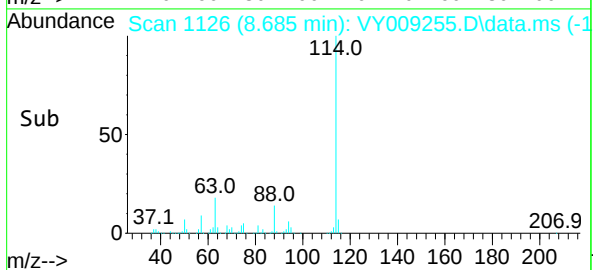
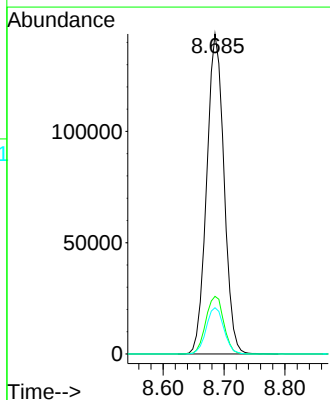
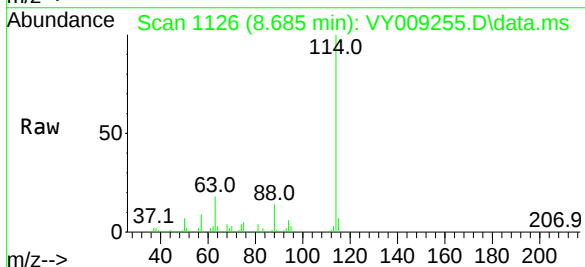
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	99.4

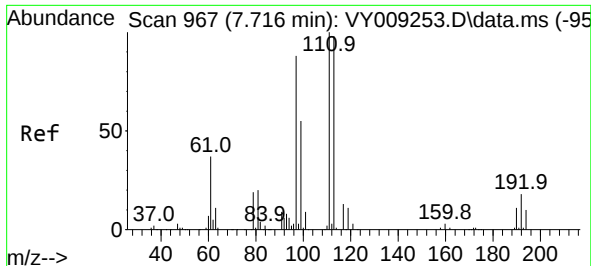


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

Tgt Ion: 114 Resp: 283512

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	43.2
88	14.4	0.0	31.8

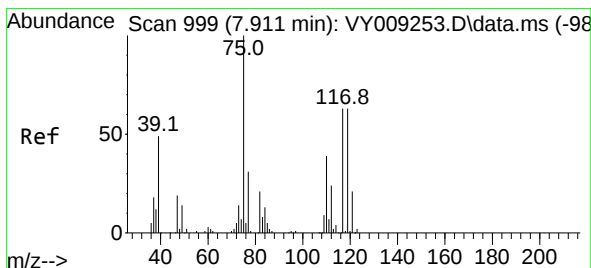
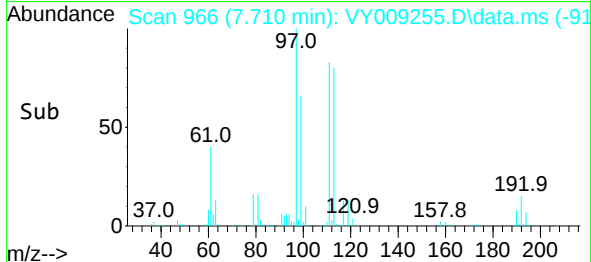
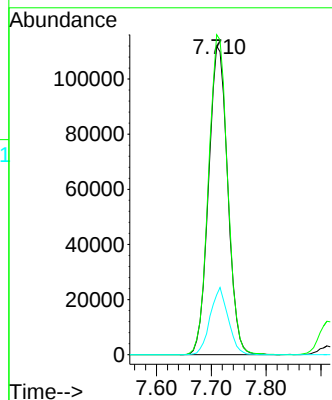
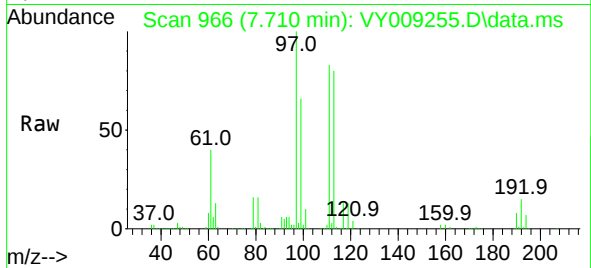




#35
Dibromofluoromethane
Concen: 152.318 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

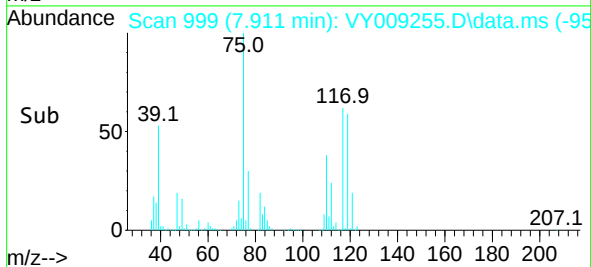
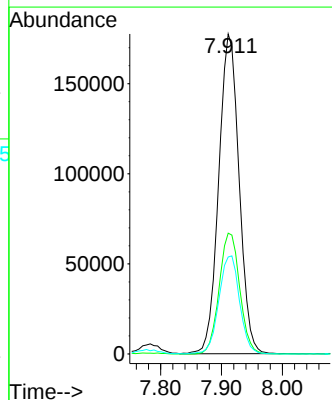
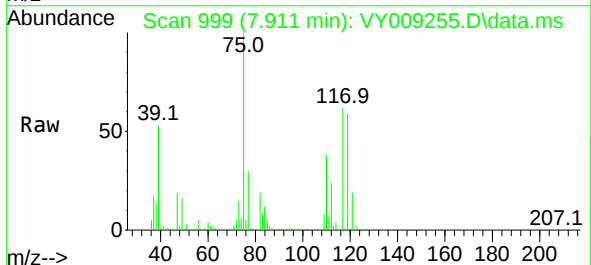
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

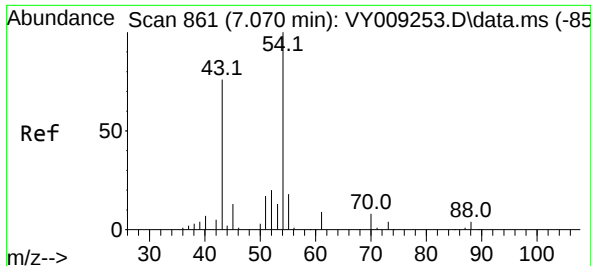
Tgt Ion:113 Resp: 271078
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 151.612 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 75 Resp: 411534
Ion Ratio Lower Upper
75 100
110 38.1 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 143.428 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

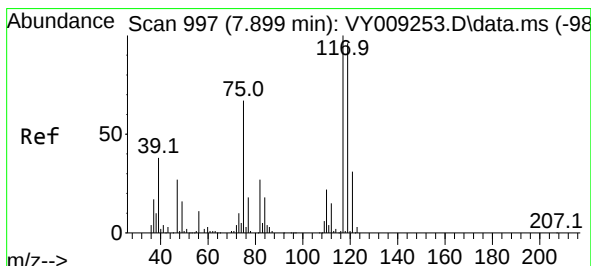
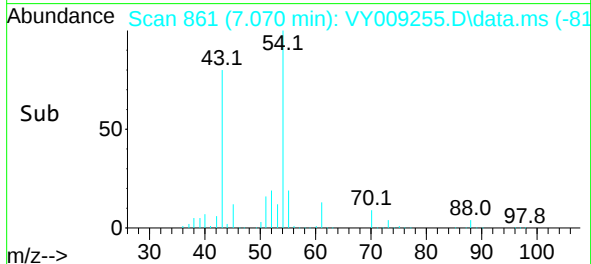
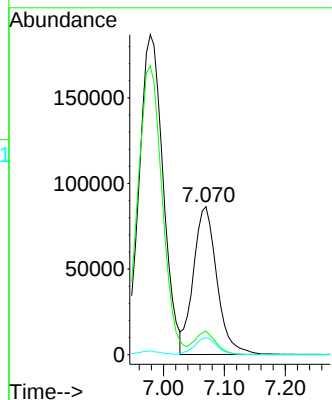
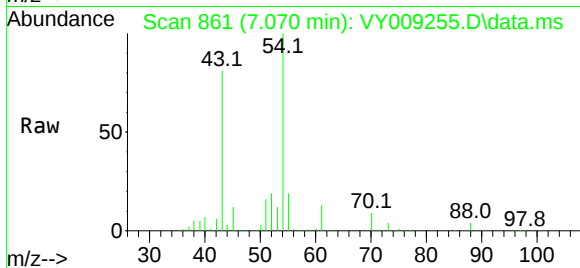
Tgt Ion: 43 Resp: 231958

Ion Ratio Lower Upper

43 100

61 14.2 9.7 14.5

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 160.779 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

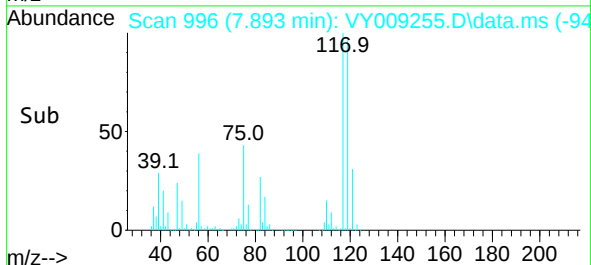
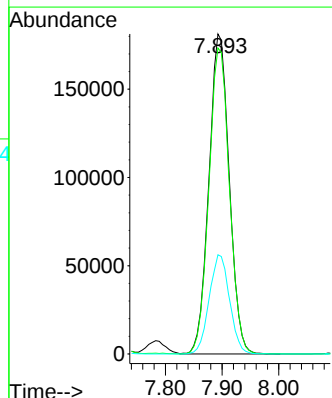
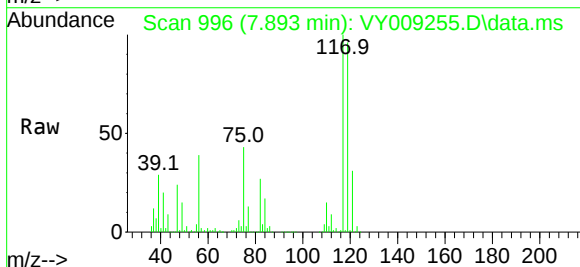
Tgt Ion: 117 Resp: 452481

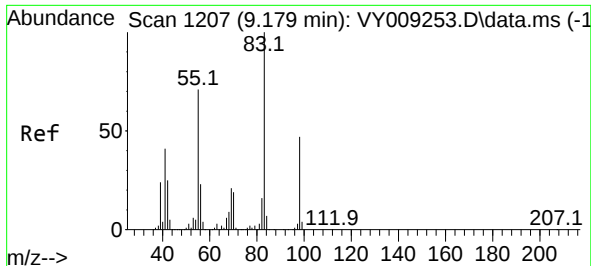
Ion Ratio Lower Upper

117 100

119 95.6 77.9 116.9

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 156.307 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

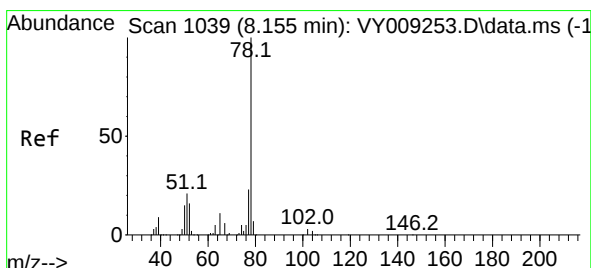
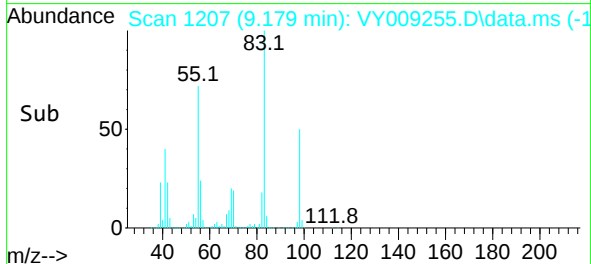
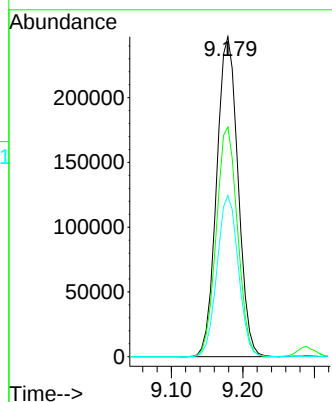
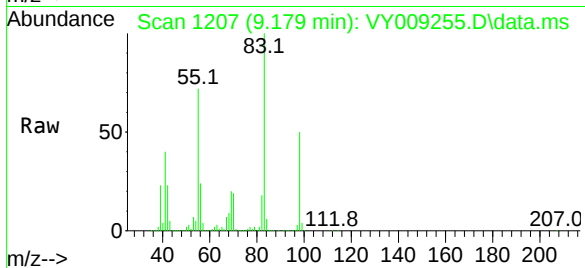
Tgt Ion: 83 Resp: 512906

Ion Ratio Lower Upper

83 100

55 71.8 66.5 99.7

98 50.4 37.9 56.9



#40

Benzene

Concen: 149.392 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009255.D

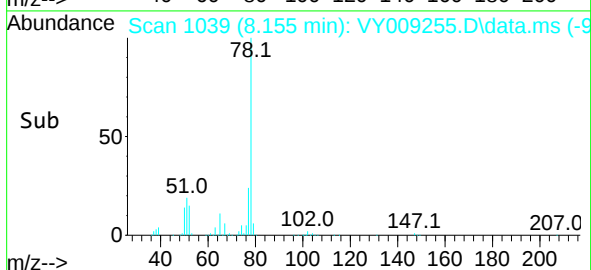
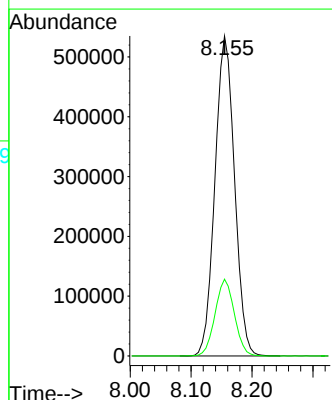
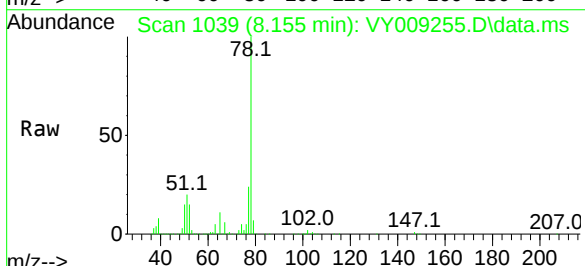
Acq: 21 Jun 2022 13:41

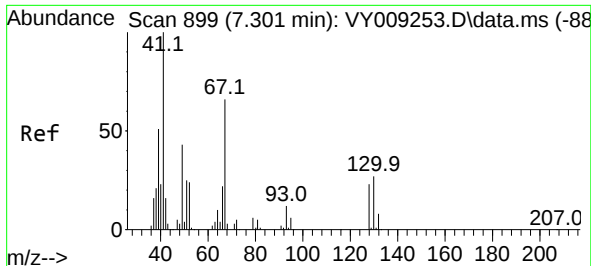
Tgt Ion: 78 Resp: 1194276

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

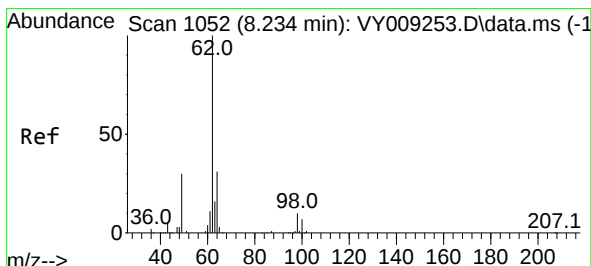
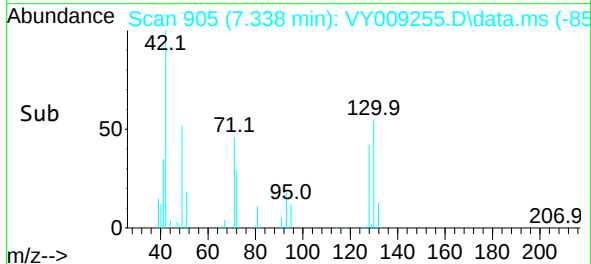
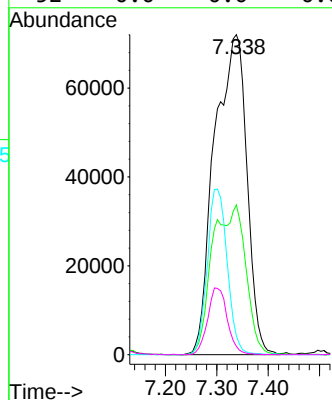
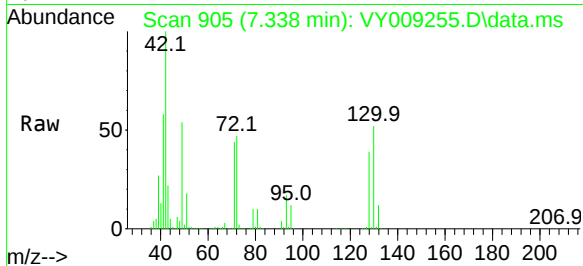




#41
Methacrylonitrile
Concen: 359.464 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

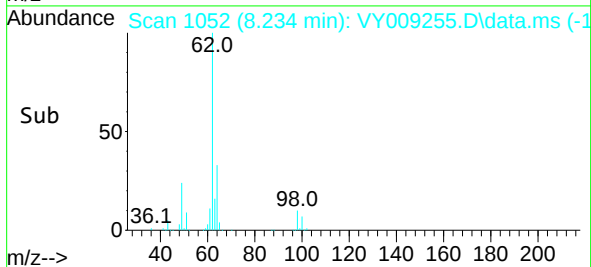
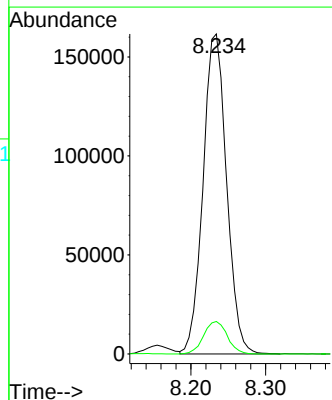
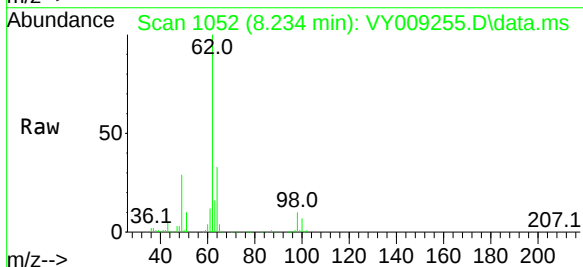
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

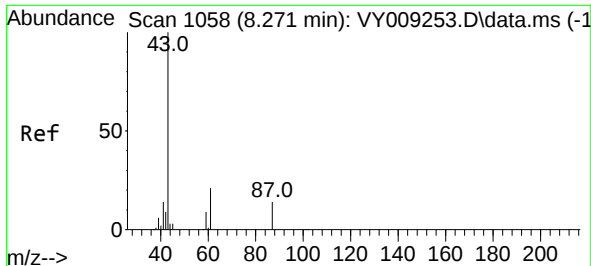
Tgt Ion: 41 Resp: 314225
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 152.453 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 62 Resp: 353838
Ion Ratio Lower Upper
62 100
98 10.2 0.0 14.8

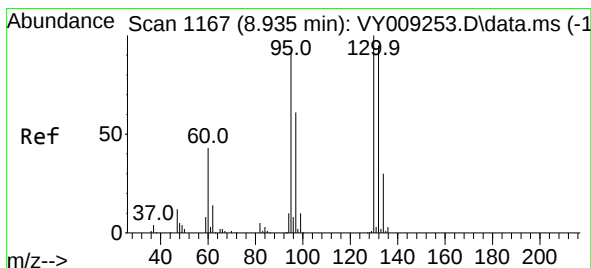
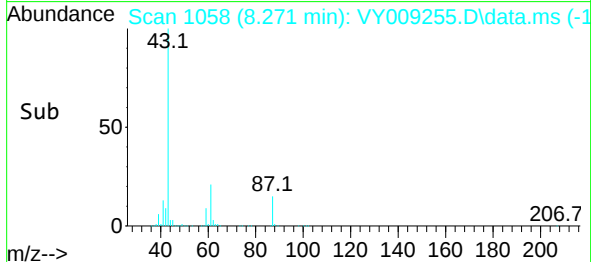
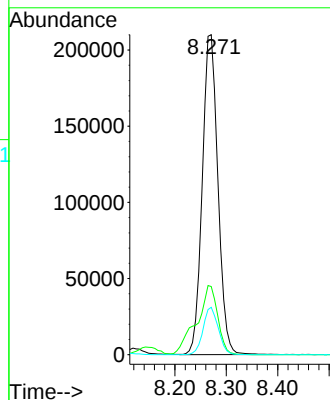
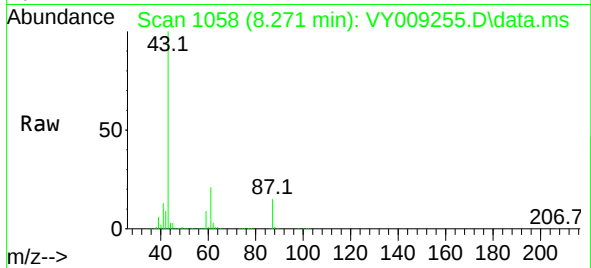




#43
Isopropyl Acetate
Concen: 148.213 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

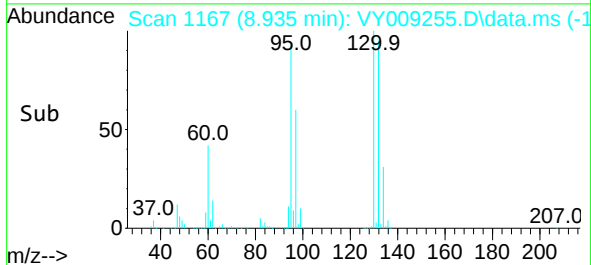
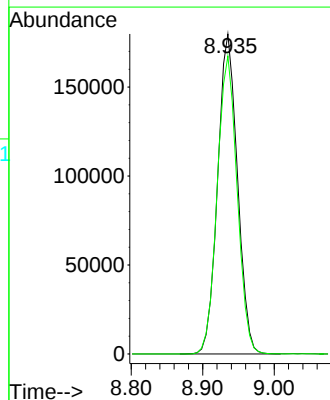
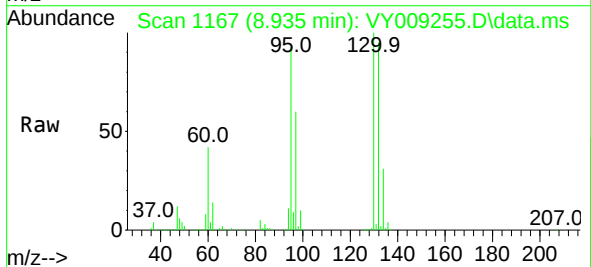
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

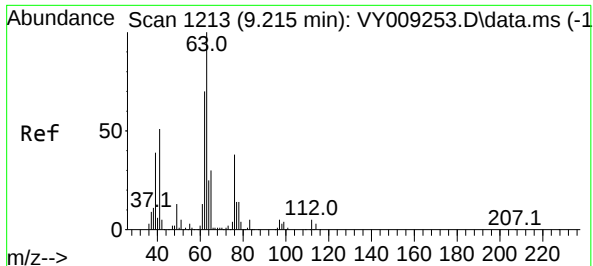
Tgt Ion: 43 Resp: 443476
Ion Ratio Lower Upper
43 100
61 29.2 20.2 30.2
87 14.5 8.9 13.3#



#44
Trichloroethene
Concen: 151.653 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion:130 Resp: 345543
Ion Ratio Lower Upper
130 100
95 93.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 147.158 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

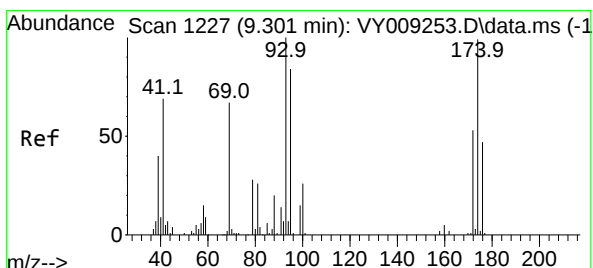
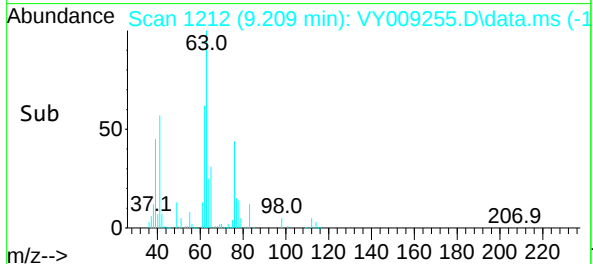
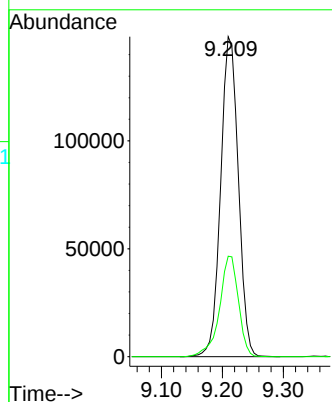
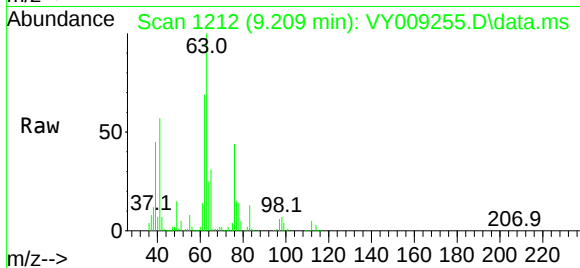
VSTDIC150

Tgt Ion: 63 Resp: 298699

Ion Ratio Lower Upper

63 100

65 31.4 23.0 34.6



#46

Dibromomethane

Concen: 151.068 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

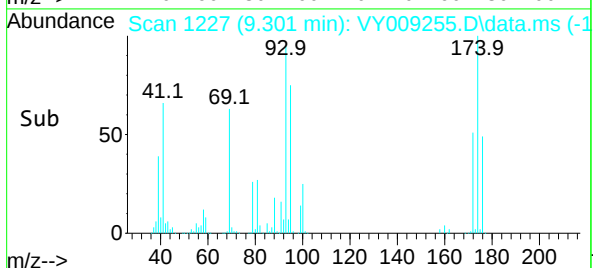
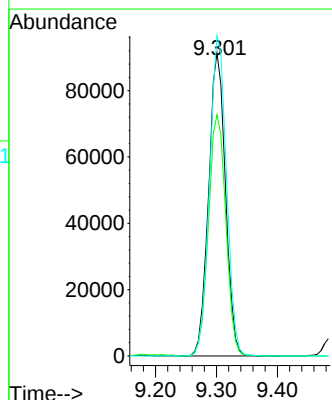
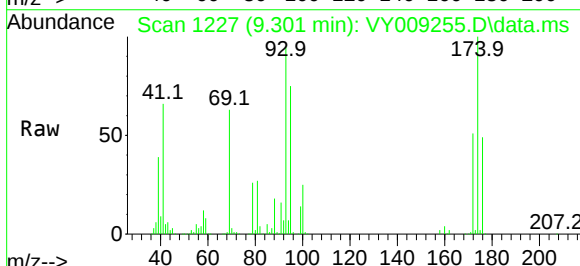
Tgt Ion: 93 Resp: 175382

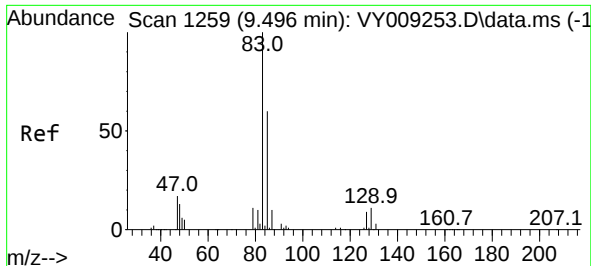
Ion Ratio Lower Upper

93 100

95 81.9 64.3 96.5

174 106.2 83.4 125.0

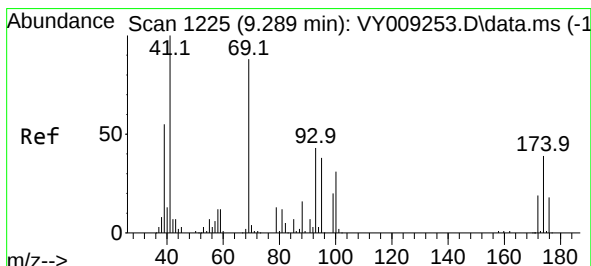
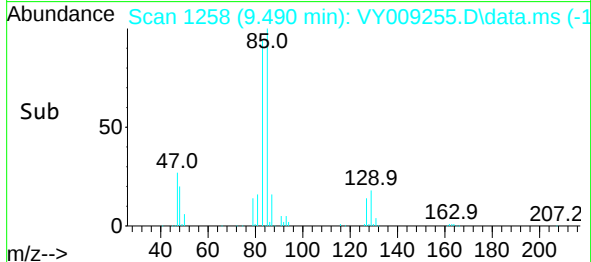
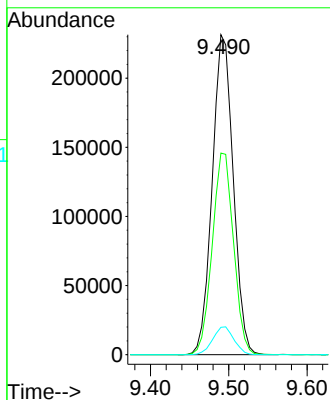
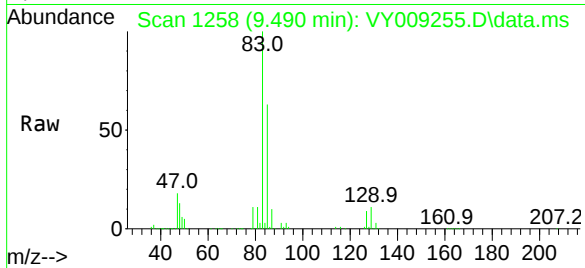




#47
Bromodichloromethane
Concen: 155.414 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

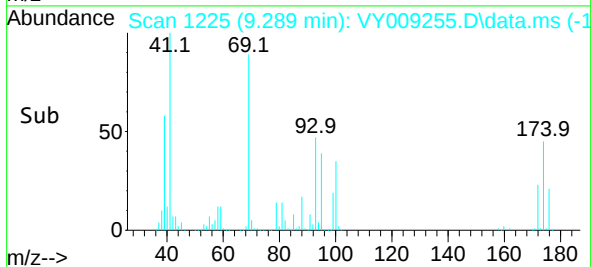
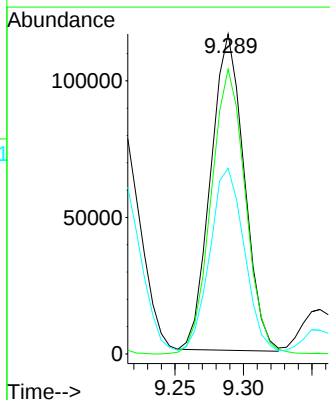
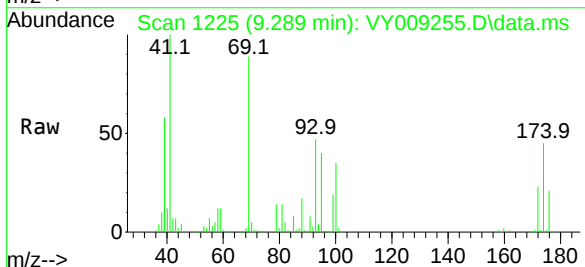
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

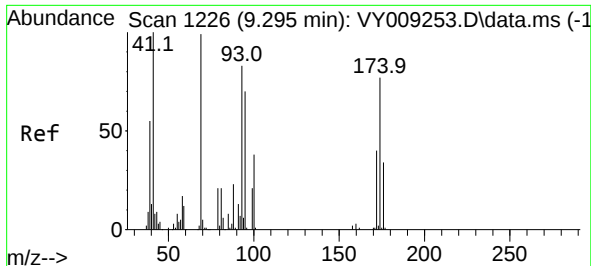
Tgt Ion: 83 Resp: 431245
Ion Ratio Lower Upper
83 100
85 63.0 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 148.708 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 41 Resp: 197139
Ion Ratio Lower Upper
41 100
69 92.4 58.2 87.2#
39 60.9 47.4 71.0





#49

1,4-Dioxane

Concen: 2912.058 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

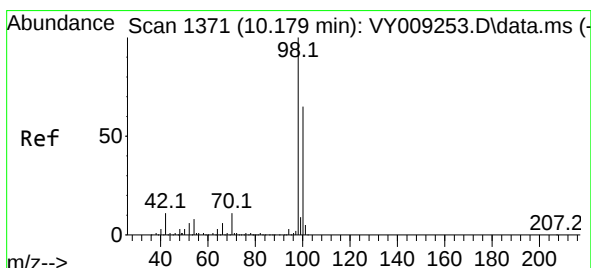
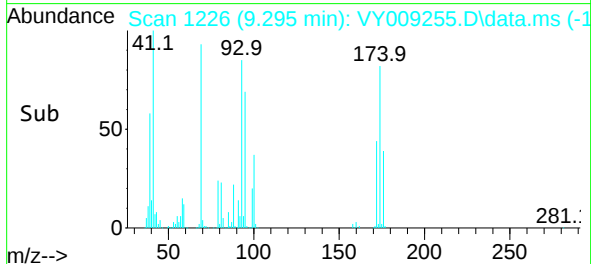
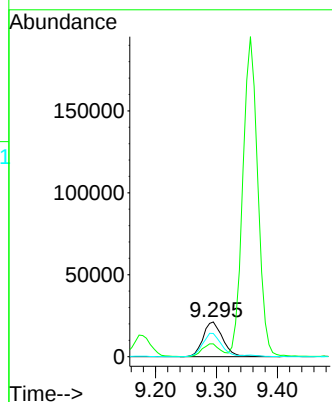
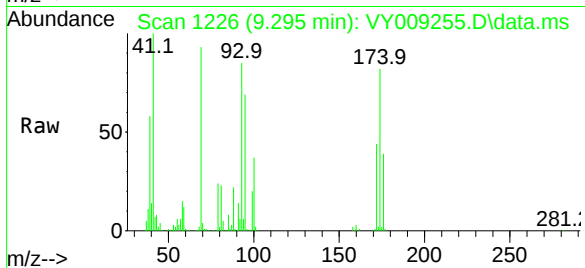
Tgt Ion: 88 Resp: 47628

Ion Ratio Lower Upper

88 100

43 33.8 32.8 49.2

58 63.9 59.8 89.6



#50

Toluene-d8

Concen: 146.460 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY009255.D

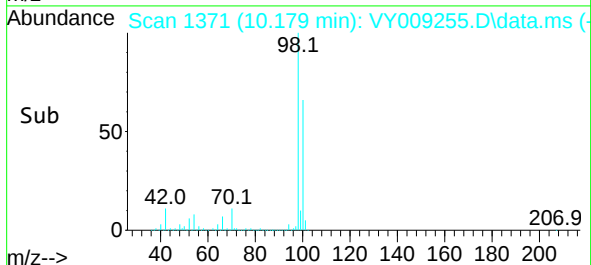
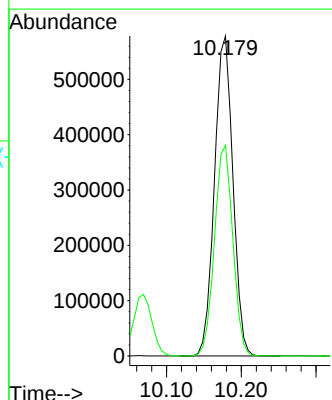
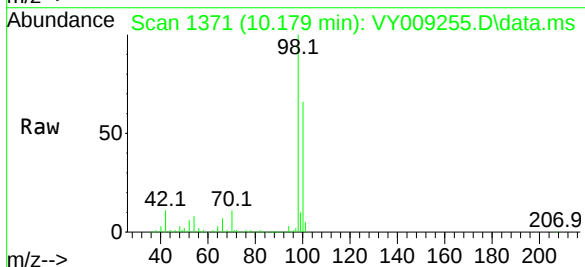
Acq: 21 Jun 2022 13:41

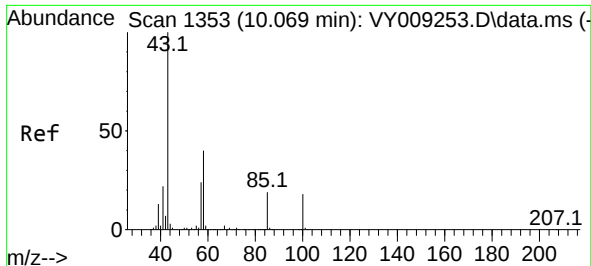
Tgt Ion: 98 Resp: 990249

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

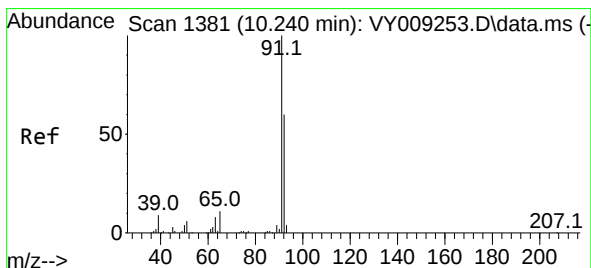
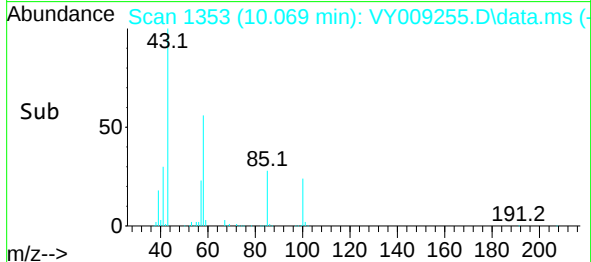
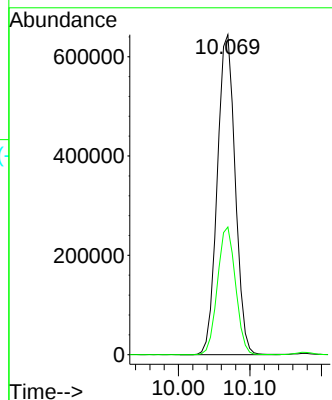
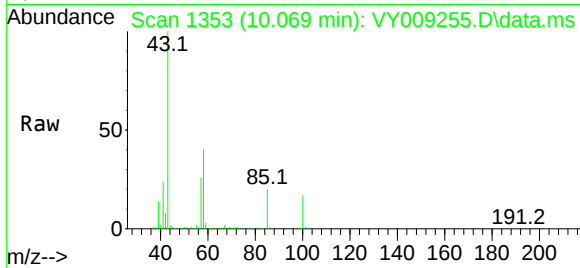




#51
4-Methyl-2-Pentanone
Concen: 713.061 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

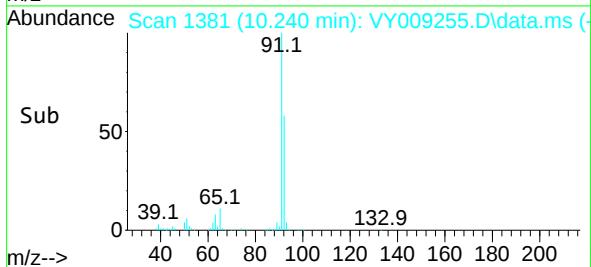
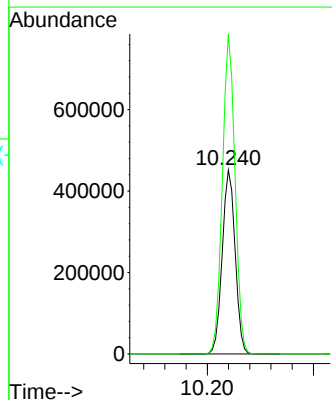
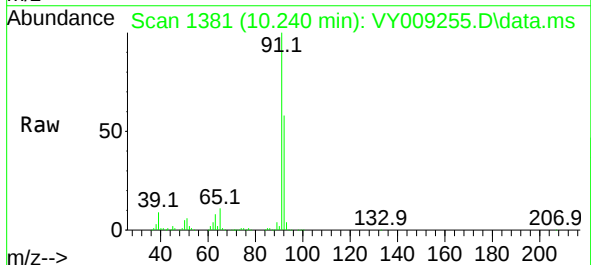
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

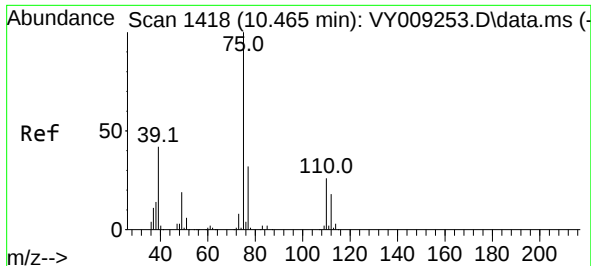
Tgt Ion: 43 Resp: 1120560
Ion Ratio Lower Upper
43 100
58 40.1 28.1 42.1



#52
Toluene
Concen: 149.507 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 92 Resp: 761608
Ion Ratio Lower Upper
92 100
91 170.4 142.6 213.8

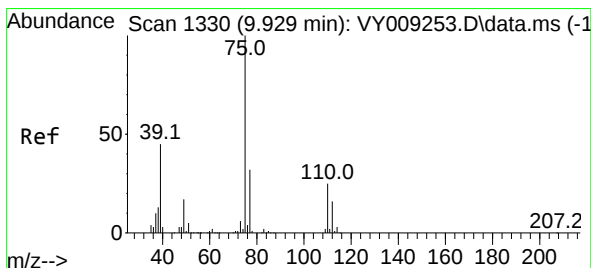
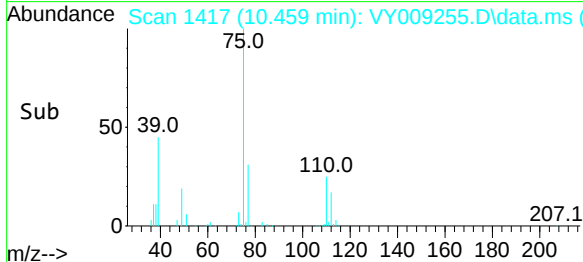
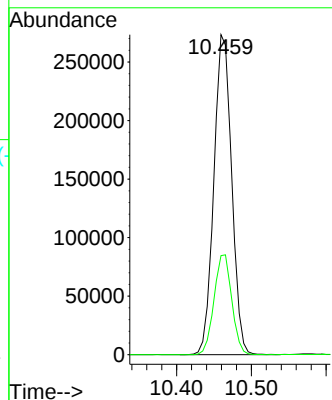
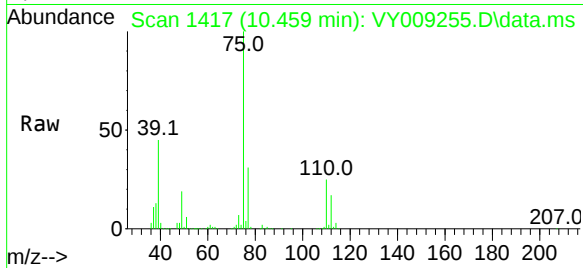




#53
 t-1,3-Dichloropropene
 Concen: 155.473 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

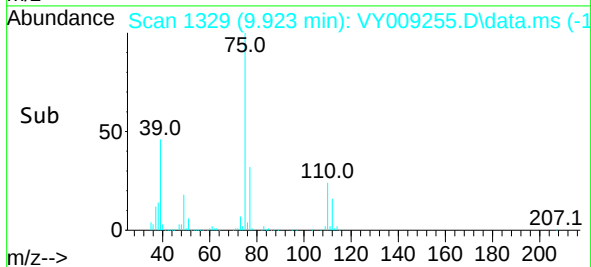
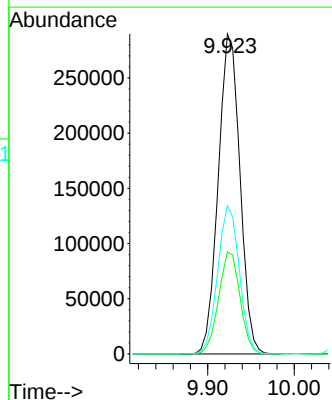
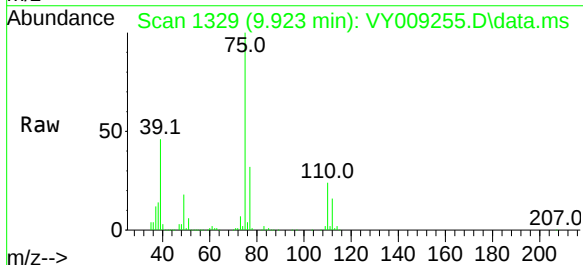
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

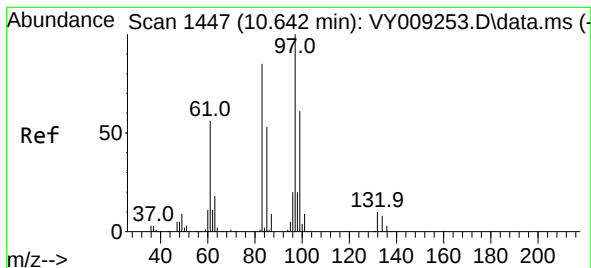
Tgt Ion: 75 Resp: 452170
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 153.167 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

Tgt Ion: 75 Resp: 504611
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 46.3 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 149.882 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 246624

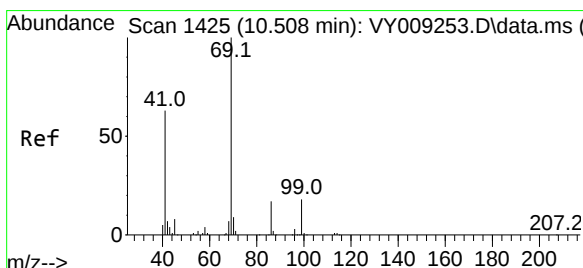
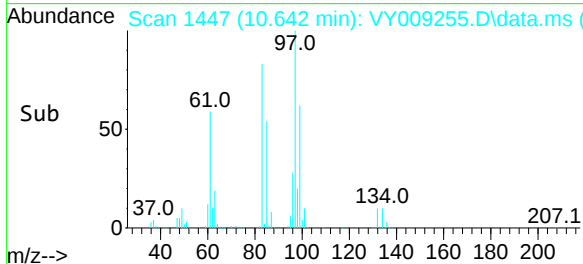
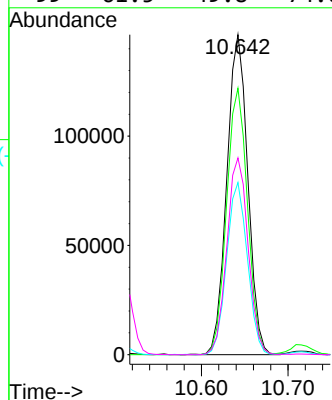
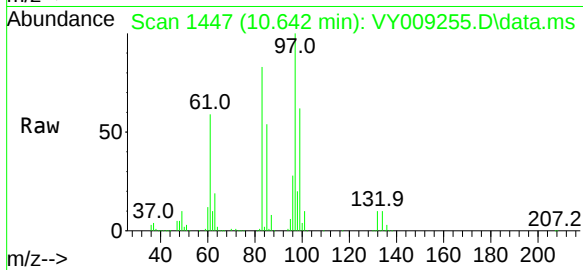
Ion Ratio Lower Upper

97 100

83 83.2 69.8 104.8

85 53.8 44.3 66.5

99 61.5 49.8 74.6



#56

Ethyl methacrylate

Concen: 156.153 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

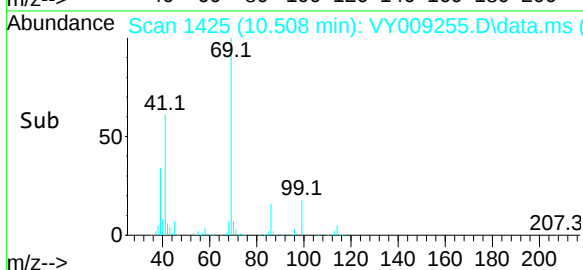
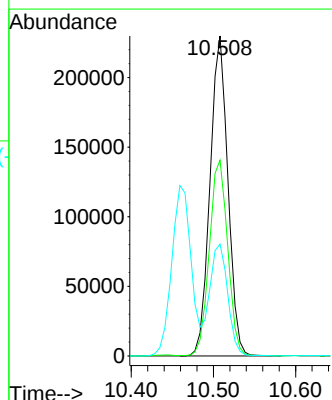
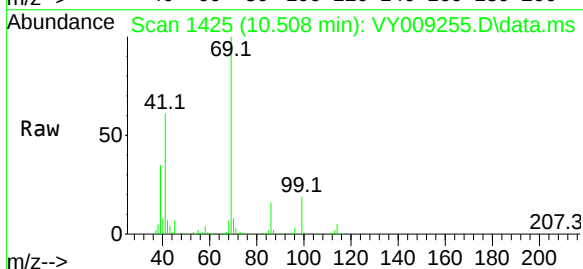
Tgt Ion: 69 Resp: 346668

Ion Ratio Lower Upper

69 100

41 62.8 63.4 95.0#

39 35.8 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 148.832 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

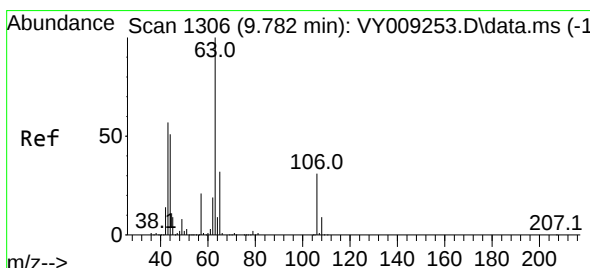
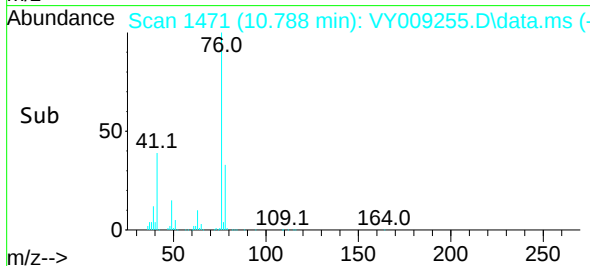
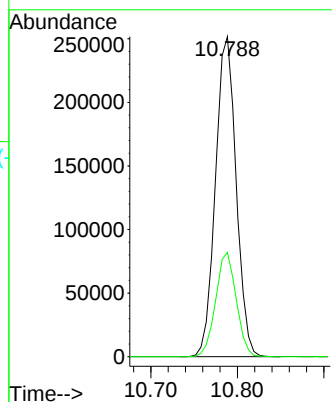
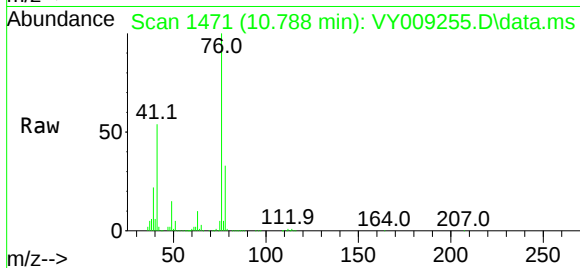
VSTDIC150

Tgt Ion: 76 Resp: 417220

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 678.706 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY009255.D

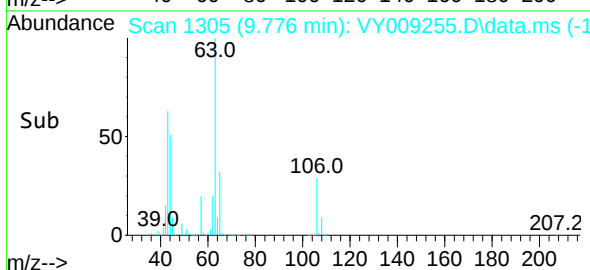
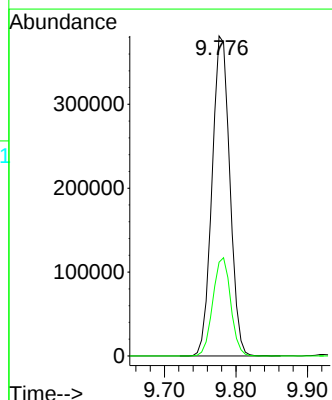
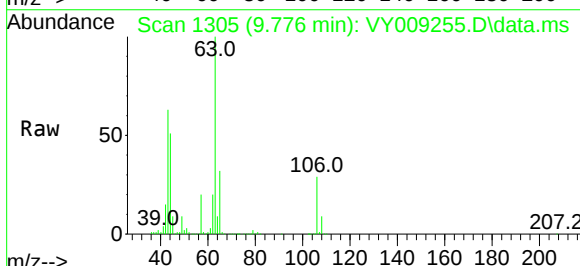
Acq: 21 Jun 2022 13:41

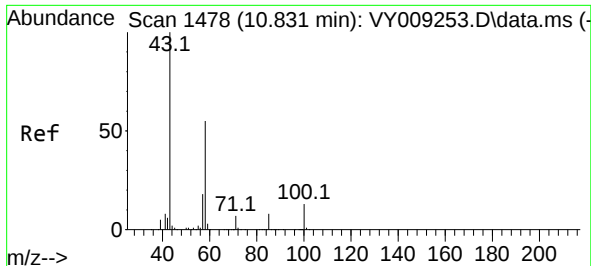
Tgt Ion: 63 Resp: 658394

Ion Ratio Lower Upper

63 100

106 30.7 21.5 32.3





#59

2-Hexanone

Concen: 718.134 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

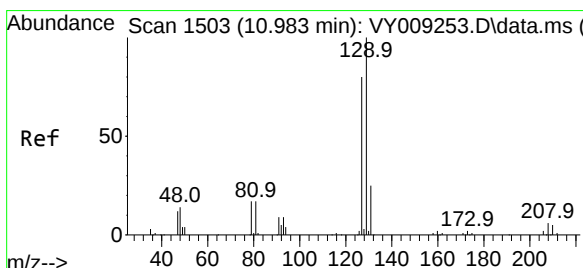
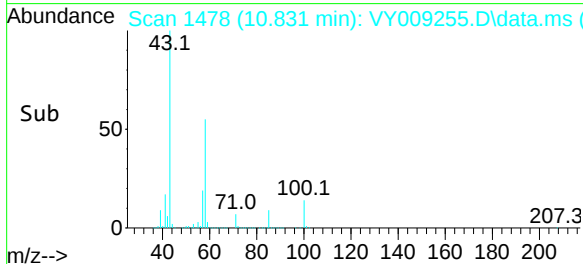
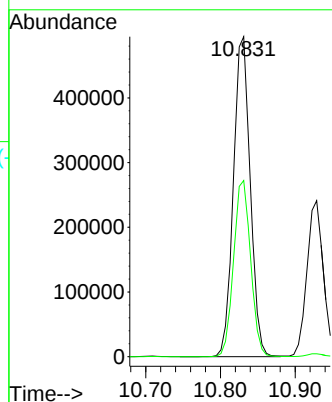
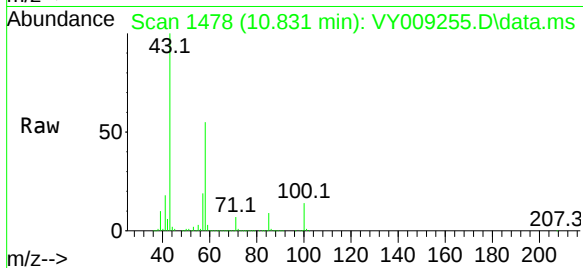
VSTDIC150

Tgt Ion: 43 Resp: 774805

Ion Ratio Lower Upper

43 100

58 55.8 24.4 73.4



#60

Dibromochloromethane

Concen: 153.020 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY009255.D

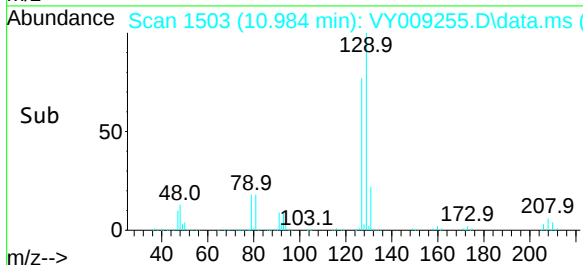
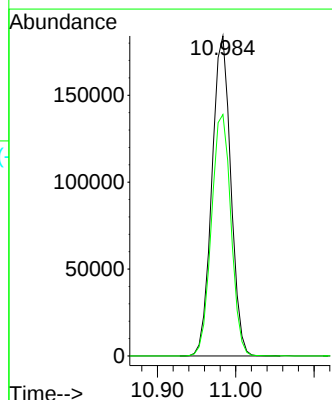
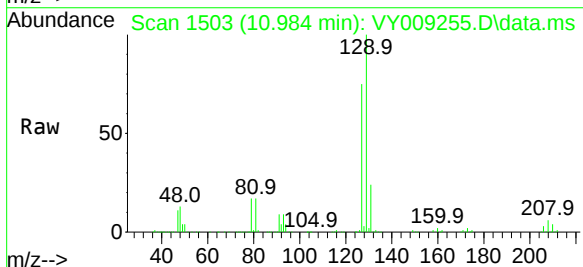
Acq: 21 Jun 2022 13:41

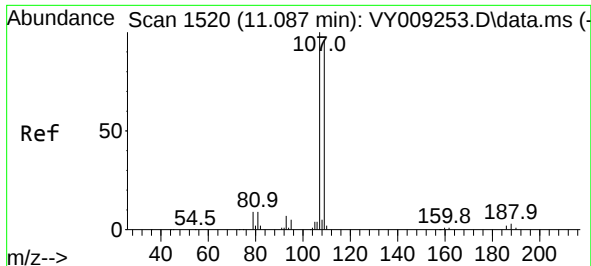
Tgt Ion: 129 Resp: 308294

Ion Ratio Lower Upper

129 100

127 78.0 38.7 116.1

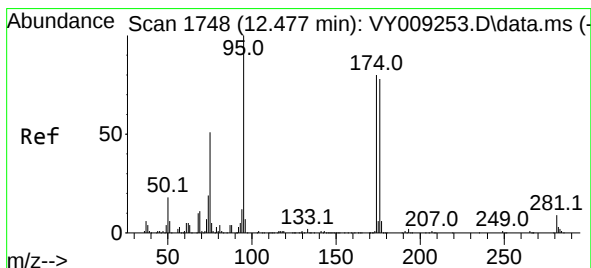
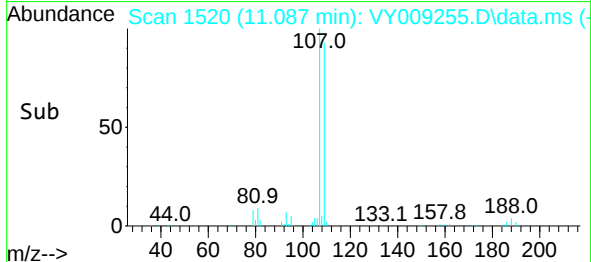
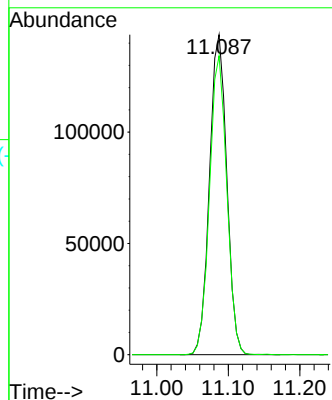
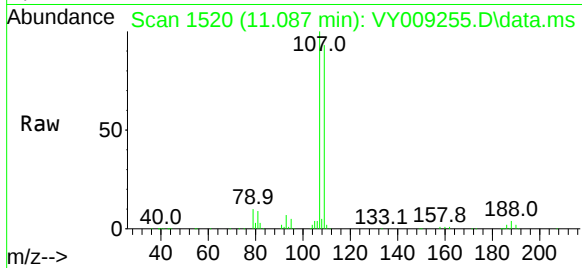




#61
1,2-Dibromoethane
Concen: 151.613 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

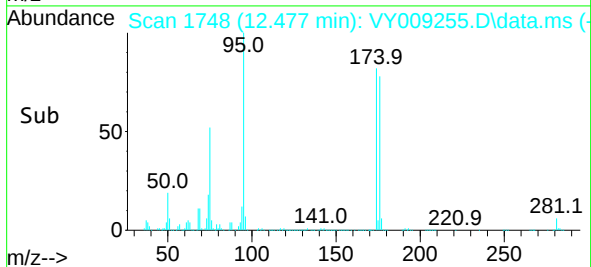
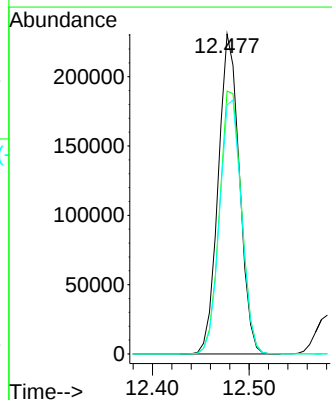
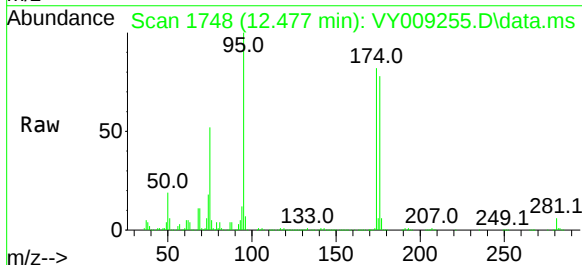
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

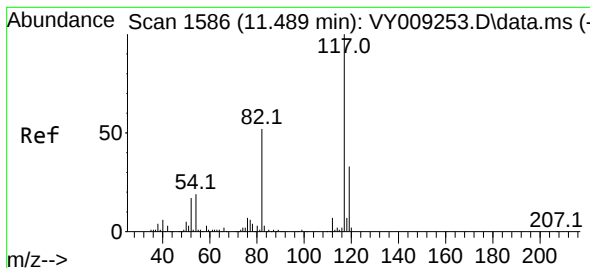
Tgt Ion:107 Resp: 241323
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 145.877 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 95 Resp: 349955
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 82.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

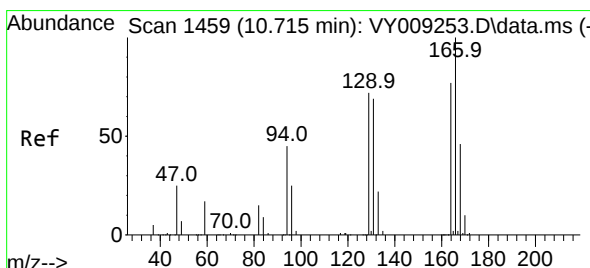
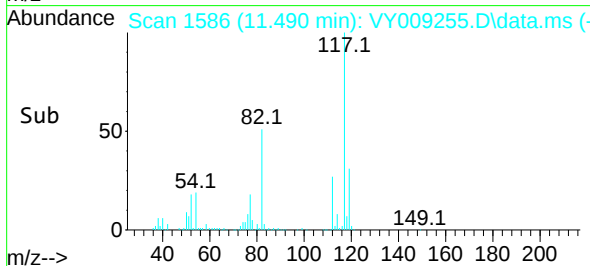
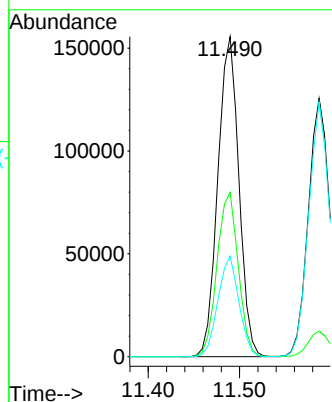
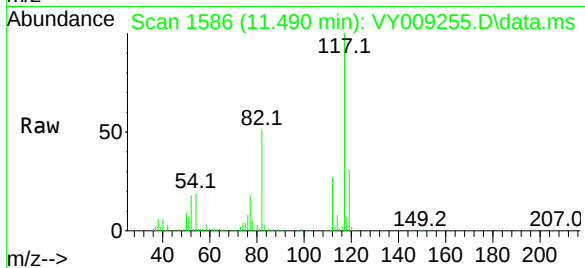
Tgt Ion:117 Resp: 249162

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.4

119 31.5 25.4 38.0



#64

Tetrachloroethene

Concen: 143.982 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Tgt Ion:164 Resp: 331225

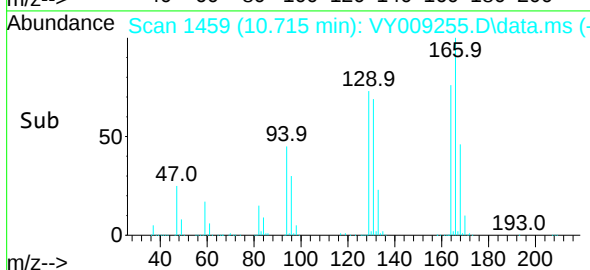
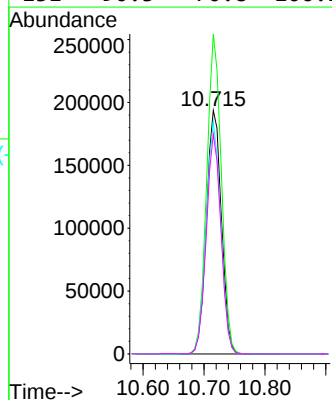
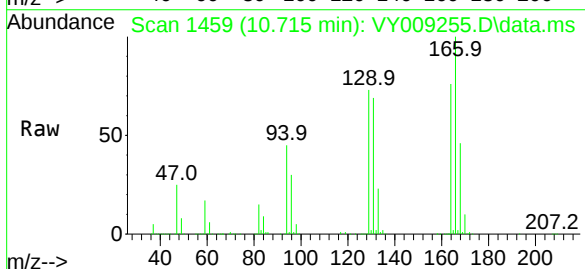
Ion Ratio Lower Upper

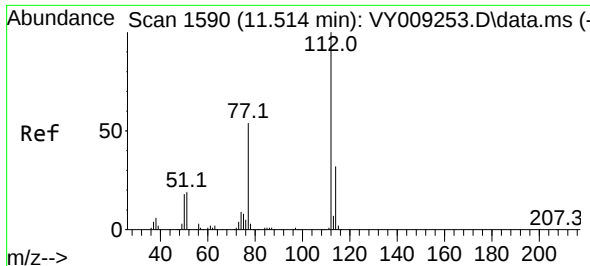
164 100

166 131.4 100.4 150.6

129 95.4 71.4 107.0

131 90.3 70.8 106.2

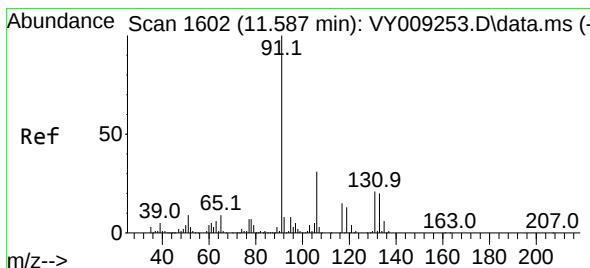
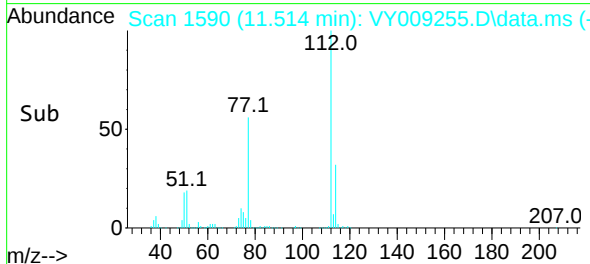
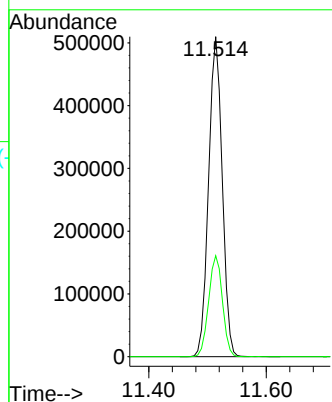
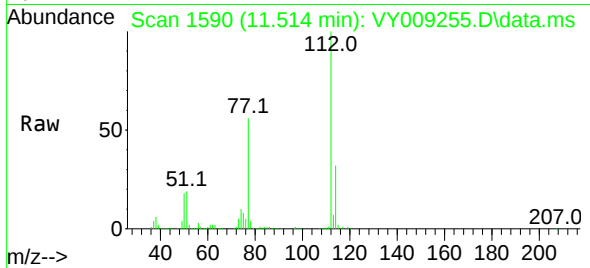




#65
Chlorobenzene
Concen: 152.713 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

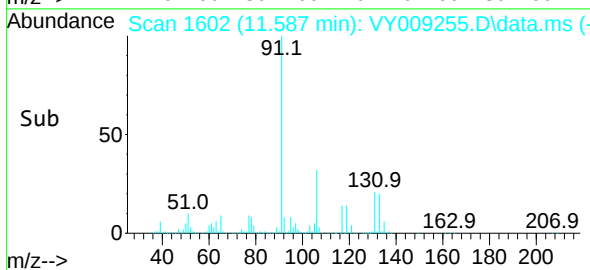
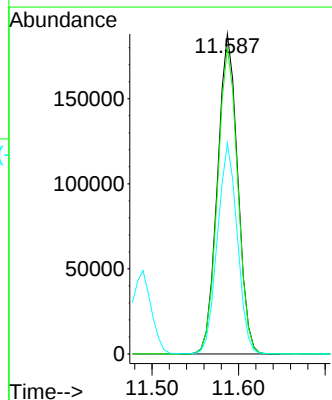
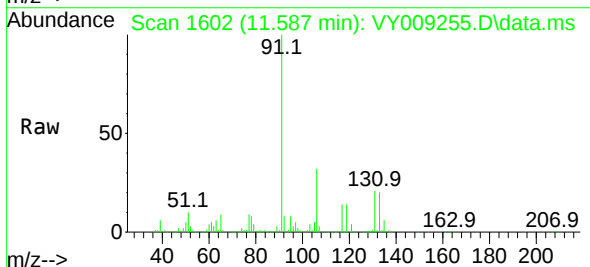
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

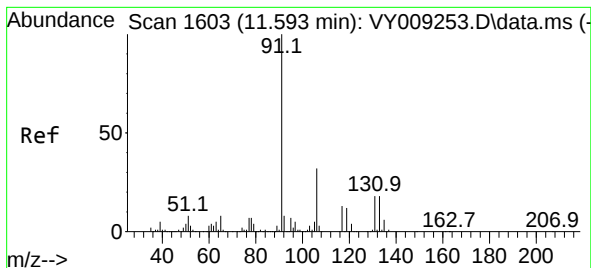
Tgt Ion:112 Resp: 821607
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 154.287 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion:131 Resp: 304151
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 64.9 30.8 92.3





#67

Ethyl Benzene

Concen: 154.396 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

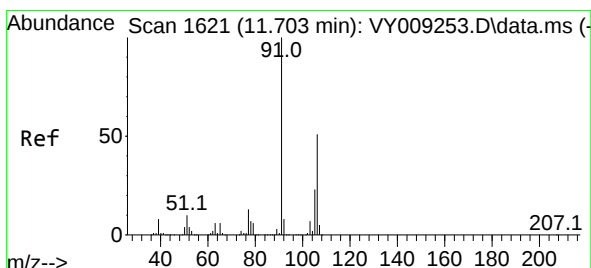
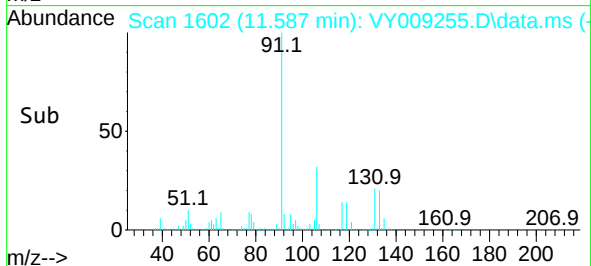
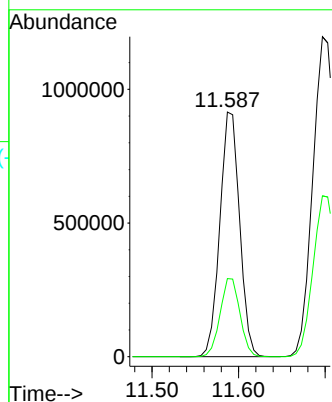
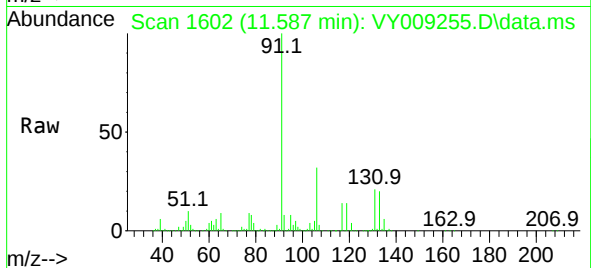
VSTDIC150

Tgt Ion: 91 Resp: 1449202

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 307.162 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY009255.D

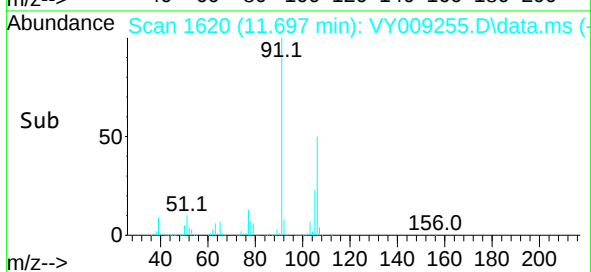
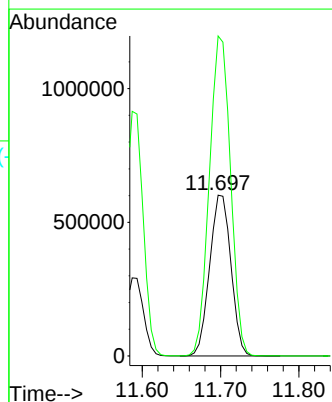
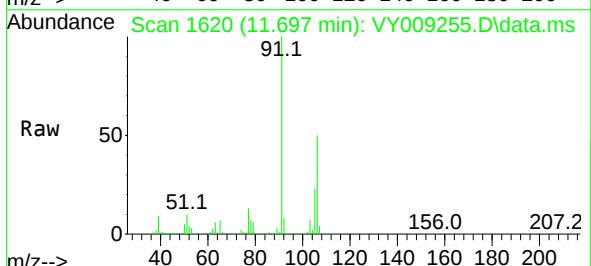
Acq: 21 Jun 2022 13:41

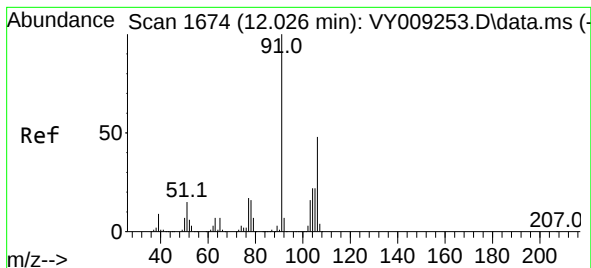
Tgt Ion:106 Resp: 1135733

Ion Ratio Lower Upper

106 100

91 198.0 166.6 249.8

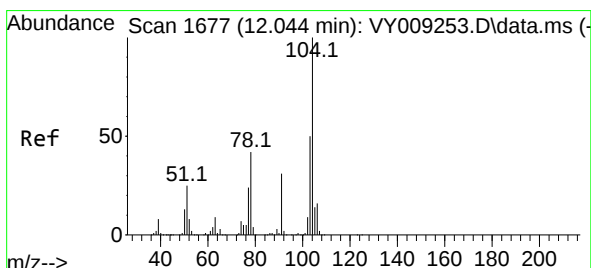
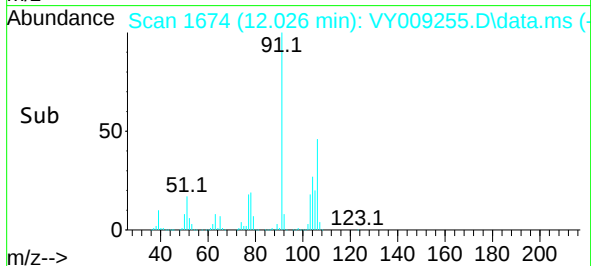
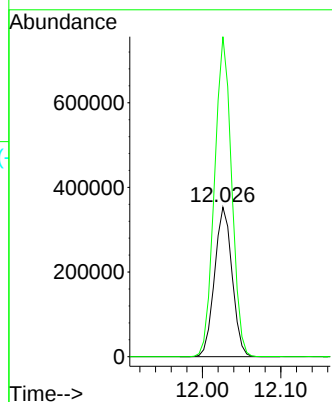
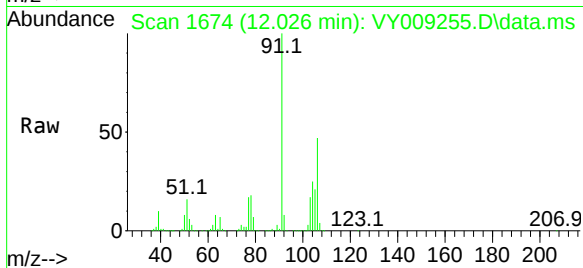




#69
o-Xylene
Concen: 156.191 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

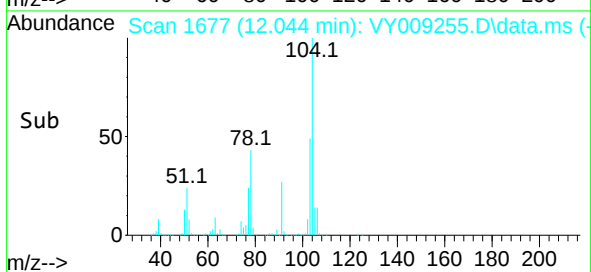
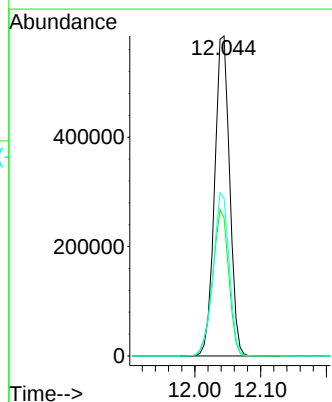
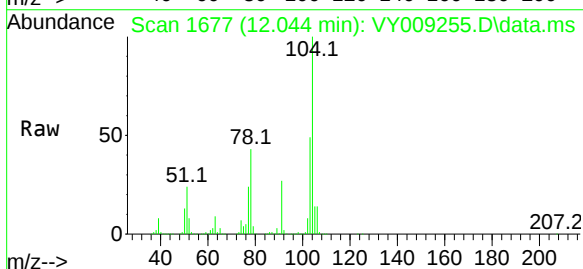
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

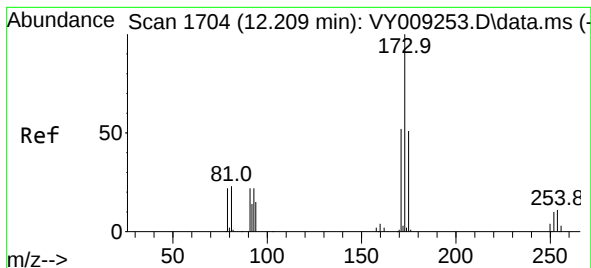
Tgt Ion:106 Resp: 548663
Ion Ratio Lower Upper
106 100
91 209.4 110.3 331.0



#70
Styrene
Concen: 158.402 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion:104 Resp: 931682
Ion Ratio Lower Upper
104 100
78 49.3 42.4 63.6
103 54.3 44.4 66.6





#71

Bromoform

Concen: 157.254 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

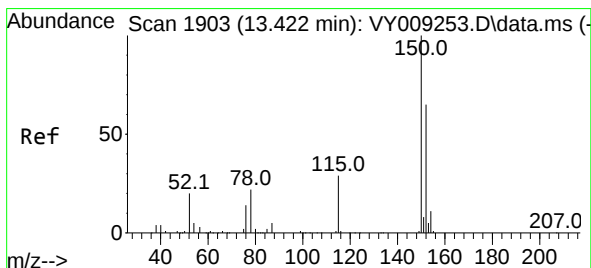
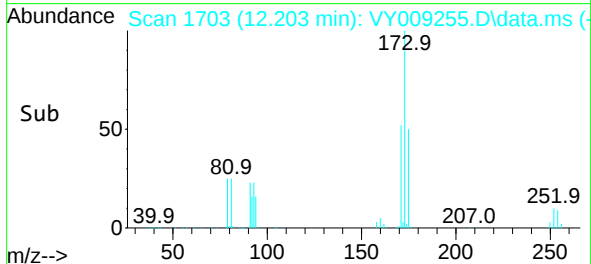
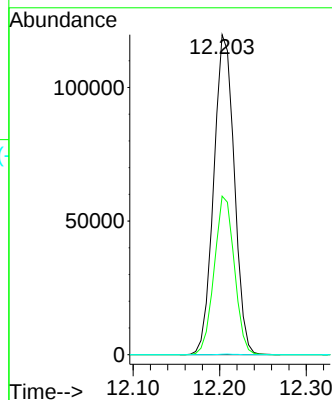
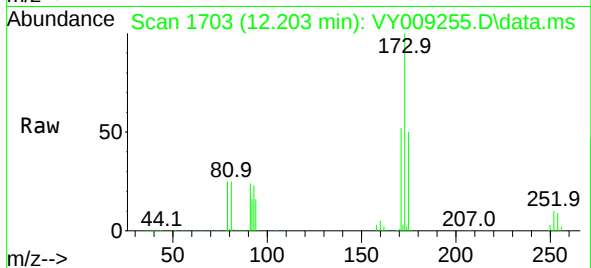
Tgt Ion:173 Resp: 197285

Ion Ratio Lower Upper

173 100

175 48.7 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

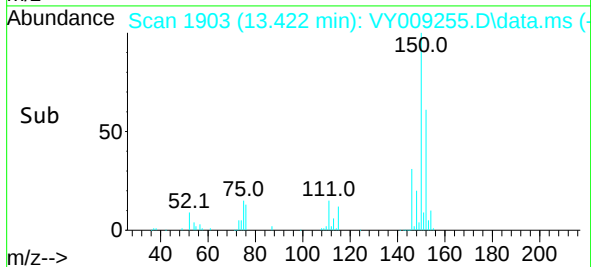
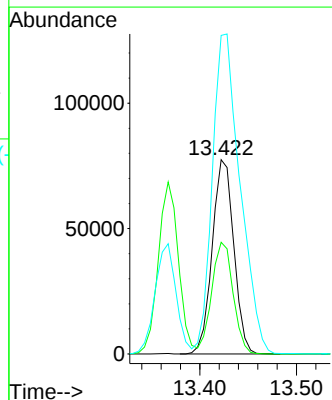
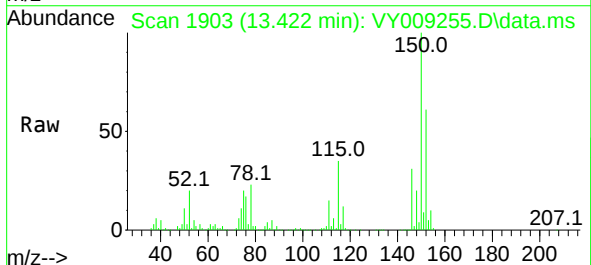
Tgt Ion:152 Resp: 120112

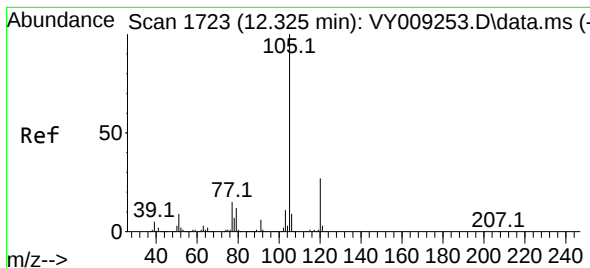
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 212.7 0.0 347.6





#73

Isopropylbenzene

Concen: 162.725 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

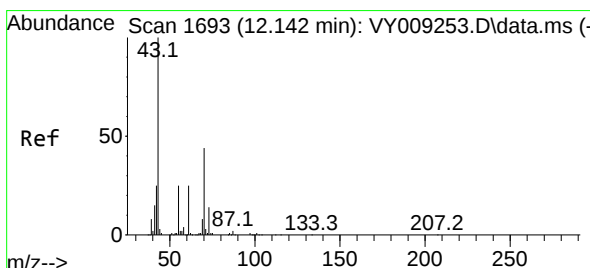
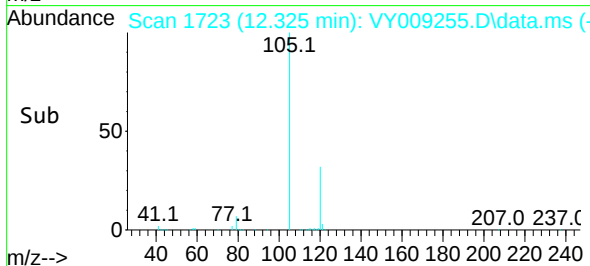
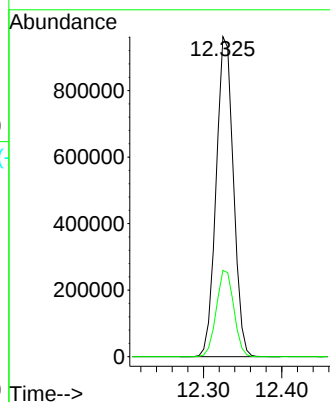
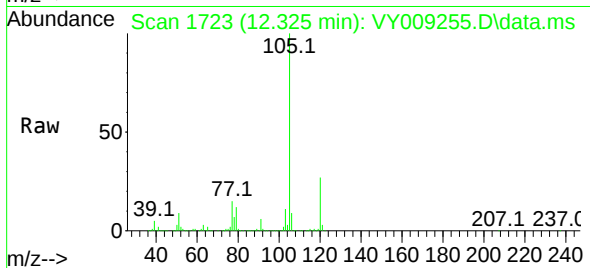
VSTDIC150

Tgt Ion:105 Resp: 1471158

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 158.088 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Tgt Ion: 43 Resp: 395209

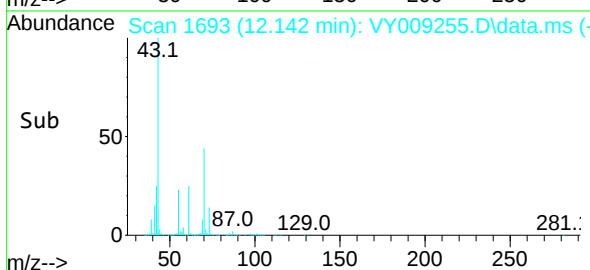
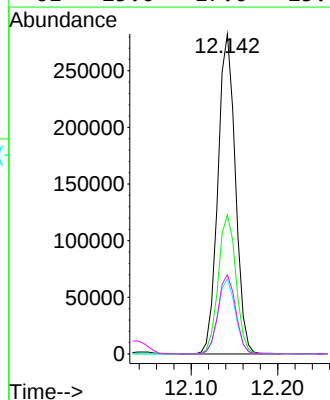
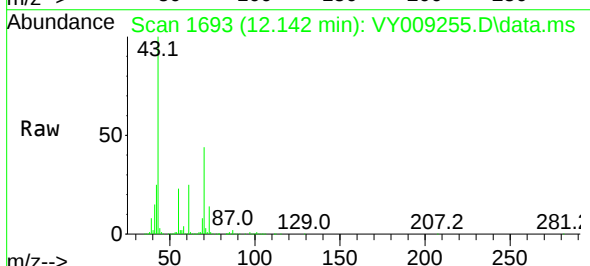
Ion Ratio Lower Upper

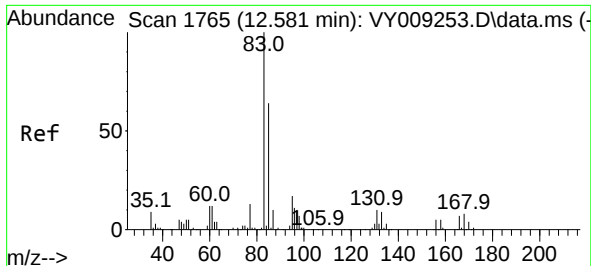
43 100

70 44.2 28.7 43.1#

55 23.5 17.3 25.9

61 25.0 17.0 25.6

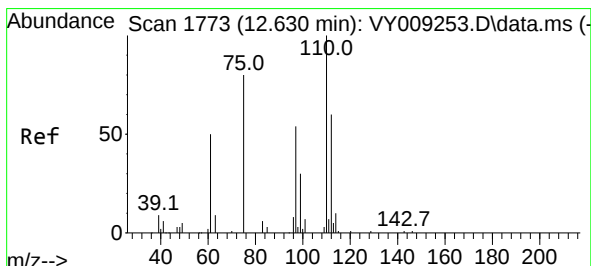
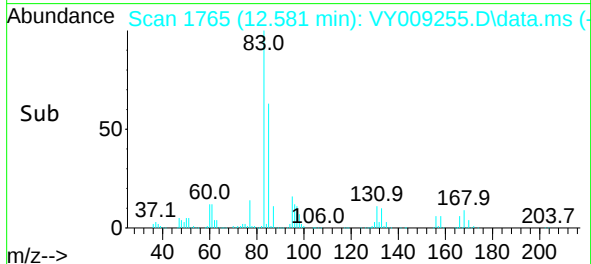
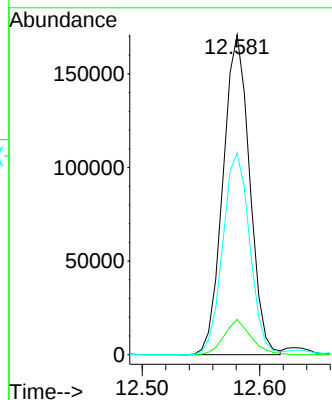
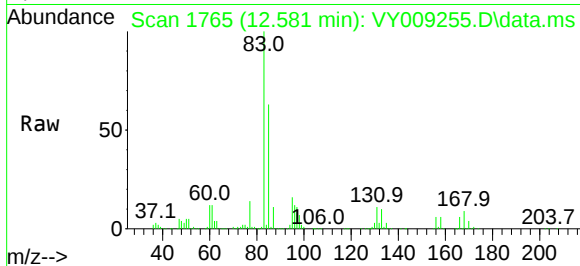




#75
 1,1,2,2-Tetrachloroethane
 Concen: 151.342 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

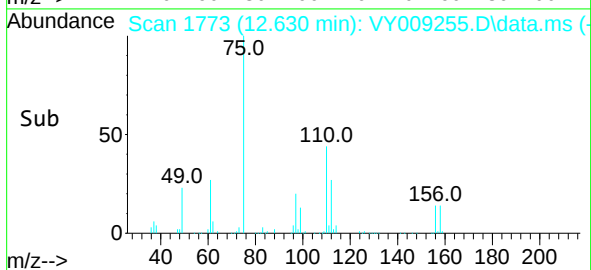
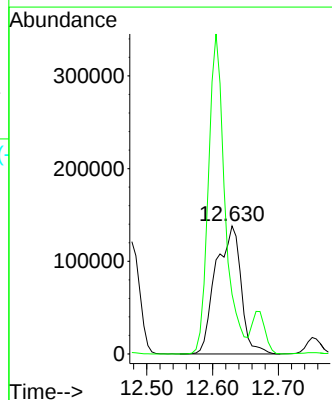
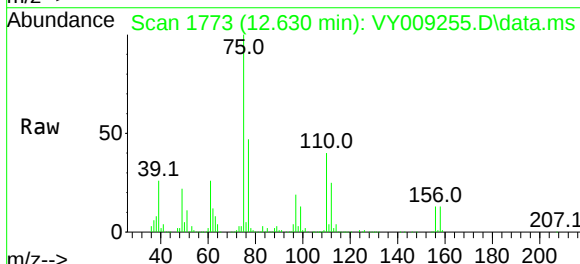
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

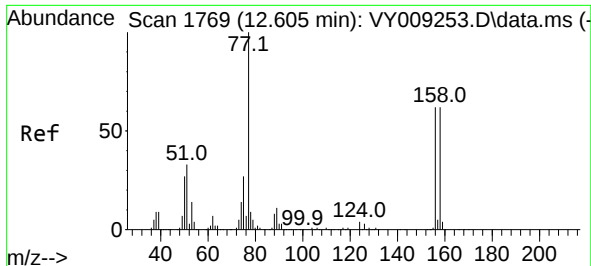
Tgt Ion: 83 Resp: 269190
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.6 16.8
 85 64.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 277.080 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

Tgt Ion: 75 Resp: 368766
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

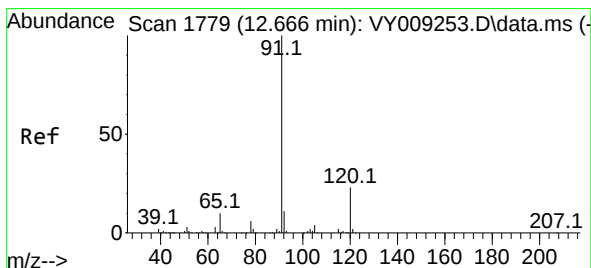
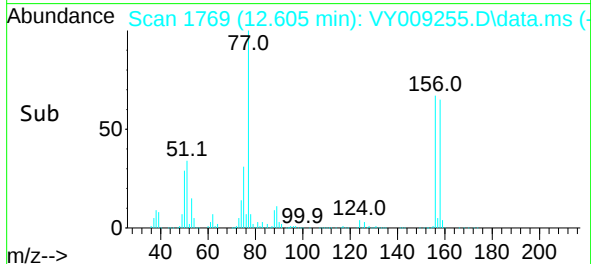
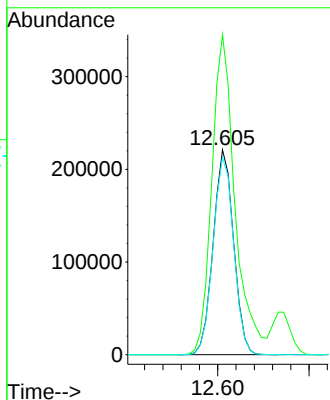
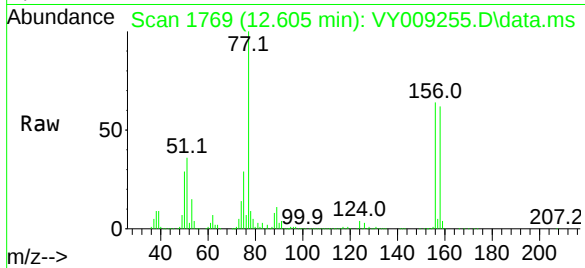




#77
Bromobenzene
Concen: 154.302 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

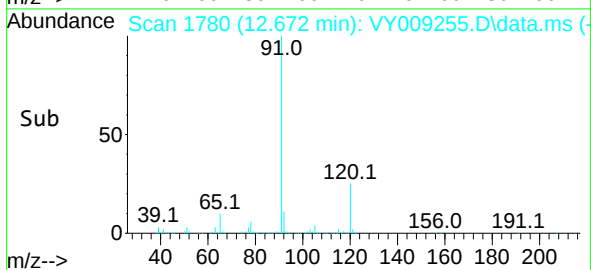
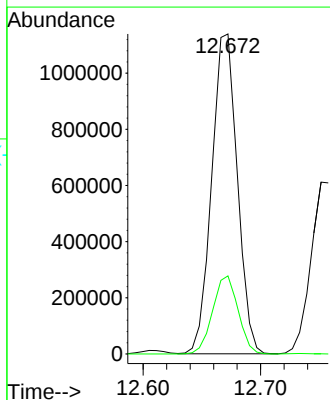
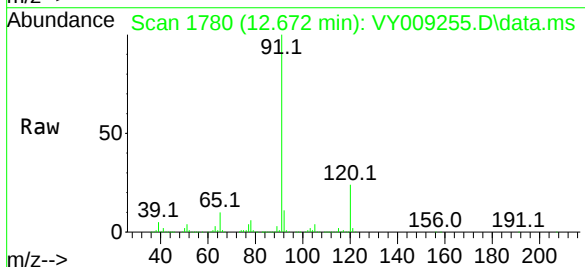
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

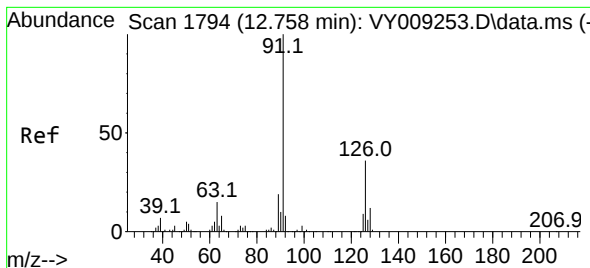
Tgt Ion:156 Resp: 341914
Ion Ratio Lower Upper
156 100
77 178.4 95.5 286.4
158 97.6 48.0 144.0



#78
n-propylbenzene
Concen: 157.918 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 91 Resp: 1726108
Ion Ratio Lower Upper
91 100
120 24.2 11.3 33.9

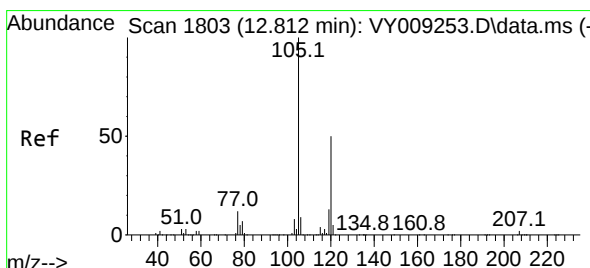
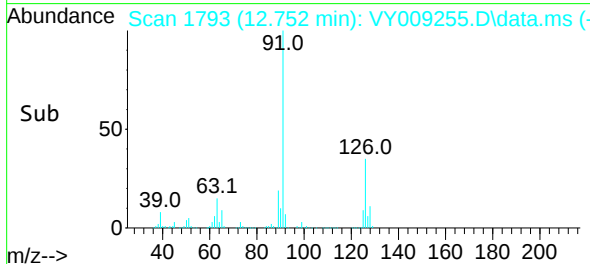
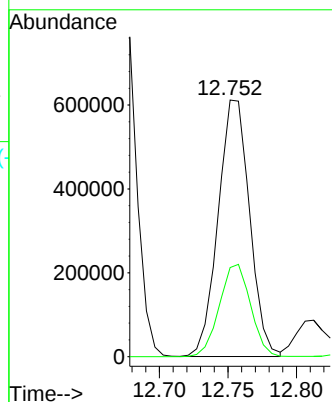
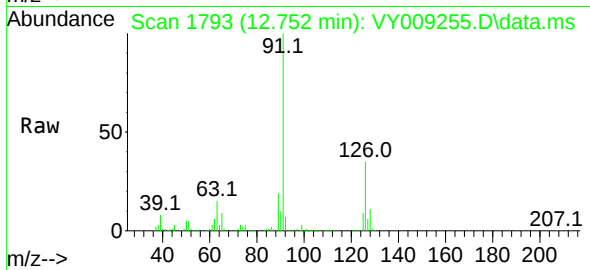




#79
2-Chlorotoluene
Concen: 158.811 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

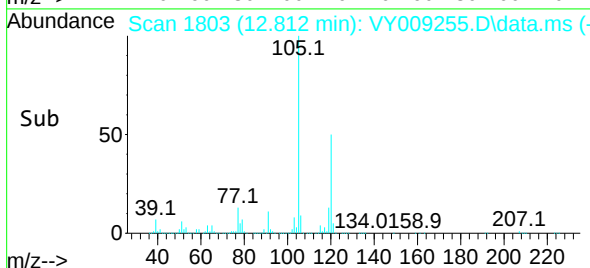
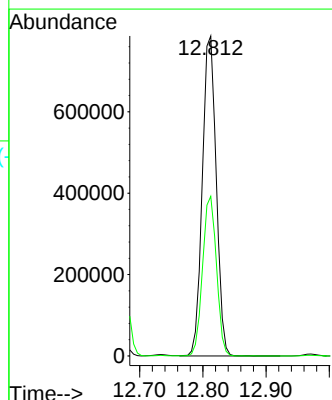
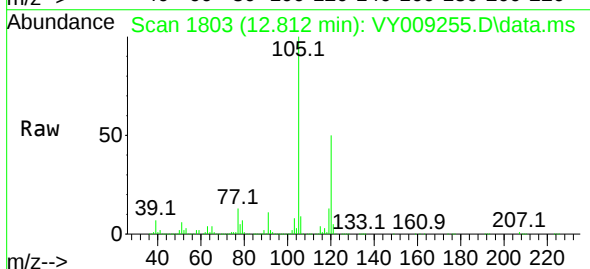
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

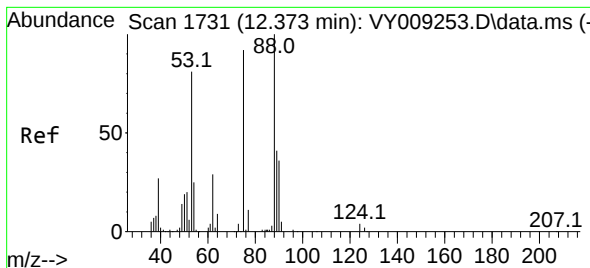
Tgt Ion: 91 Resp: 979518
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 159.626 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 105 Resp: 1203489
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

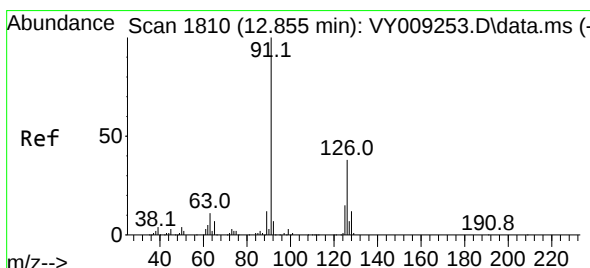
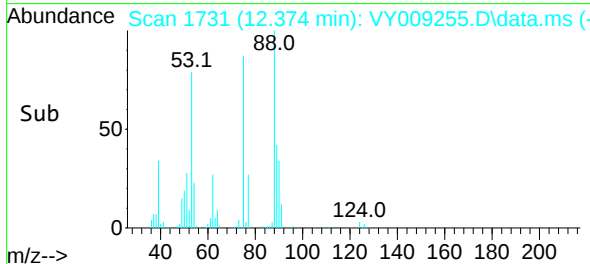
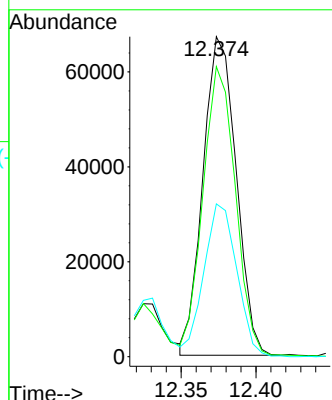
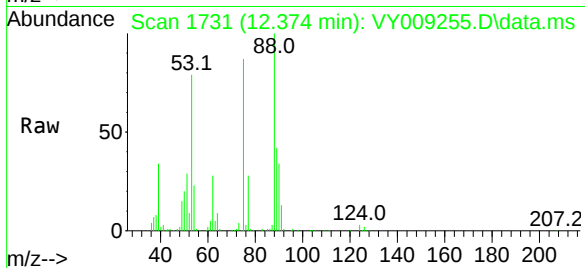




#81
trans-1,4-Dichloro-2-butene
Concen: 156.425 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

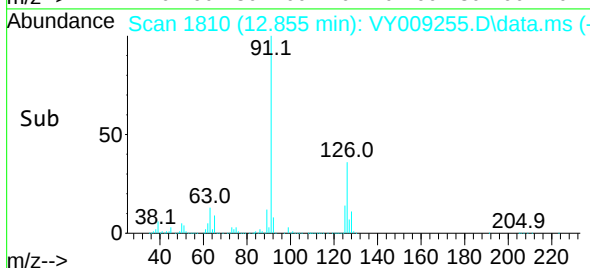
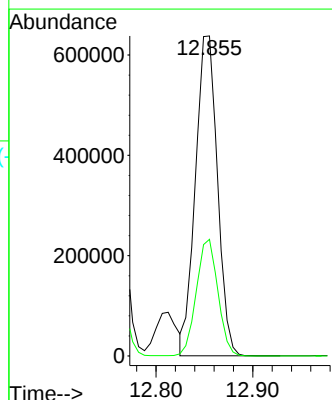
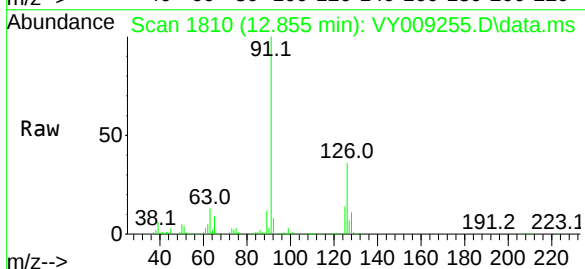
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

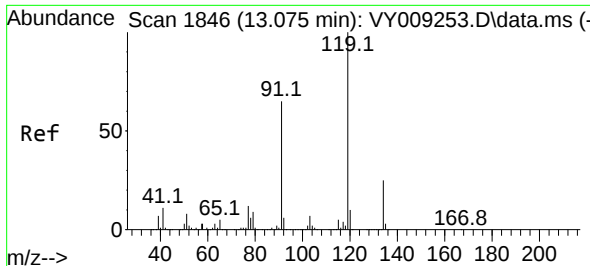
Tgt Ion: 75 Resp: 103645
Ion Ratio Lower Upper
75 100
53 89.9 85.3 127.9
89 47.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 156.965 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 91 Resp: 1009412
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0

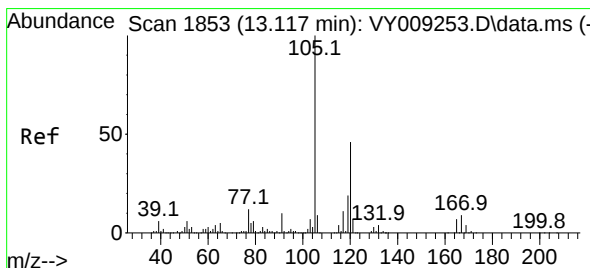
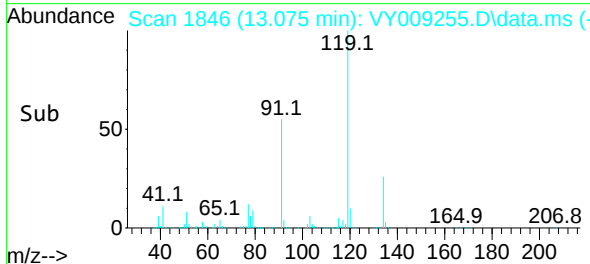
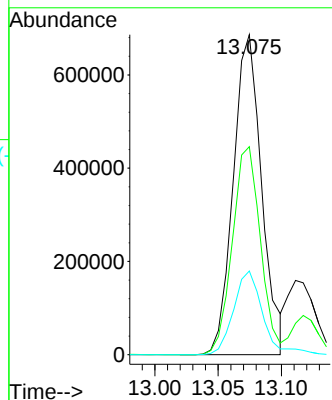
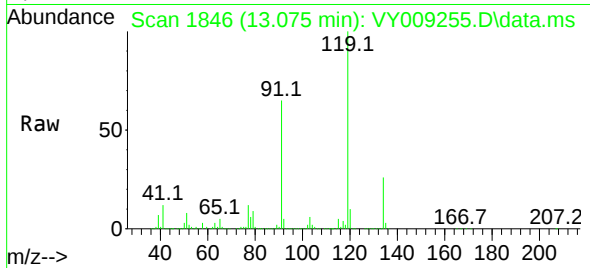




#83
tert-Butylbenzene
Concen: 162.340 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

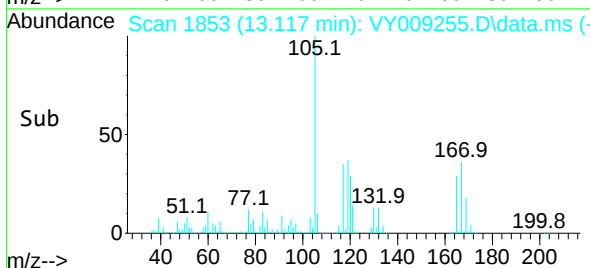
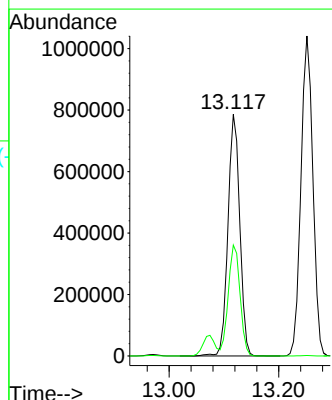
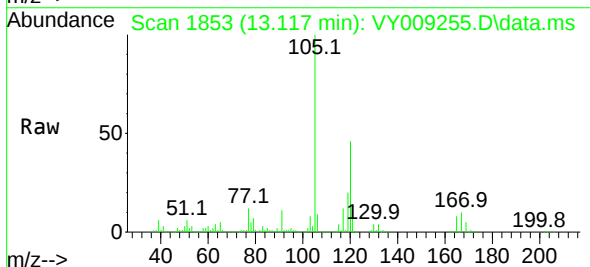
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

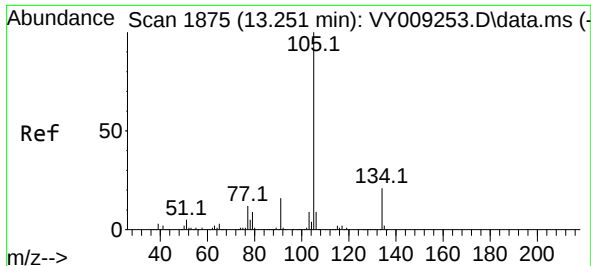
Tgt Ion:119 Resp: 1072976
Ion Ratio Lower Upper
119 100
91 64.3 34.8 104.4
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 159.509 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion:105 Resp: 1180266
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9

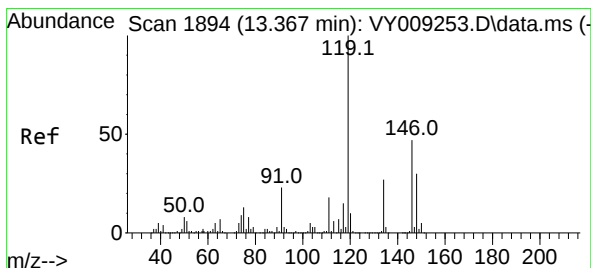
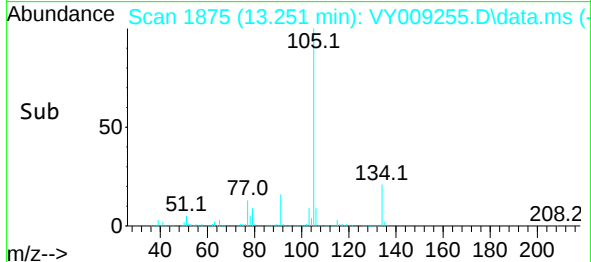
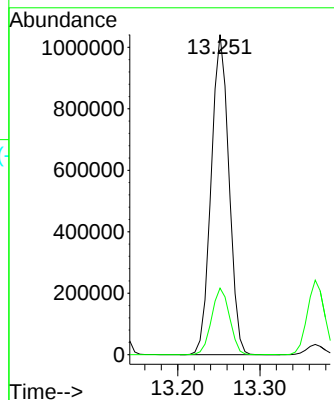
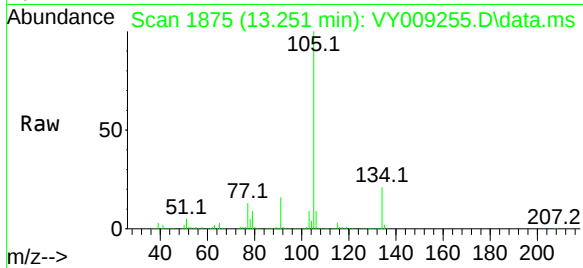




#85
 sec-Butylbenzene
 Concen: 159.035 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

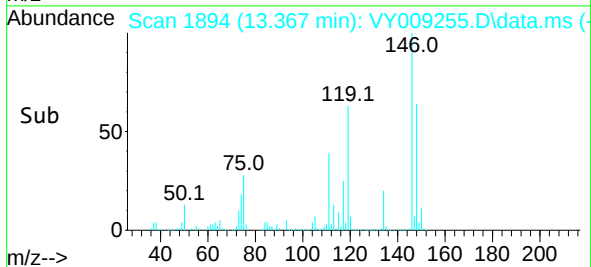
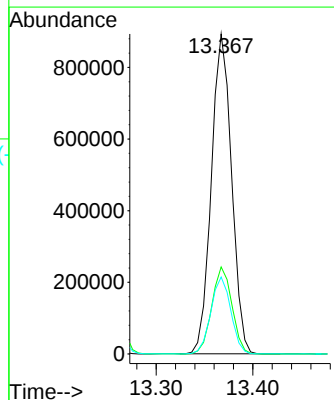
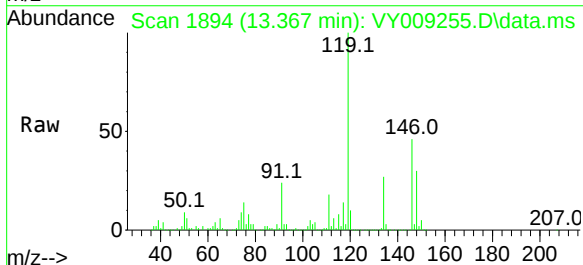
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

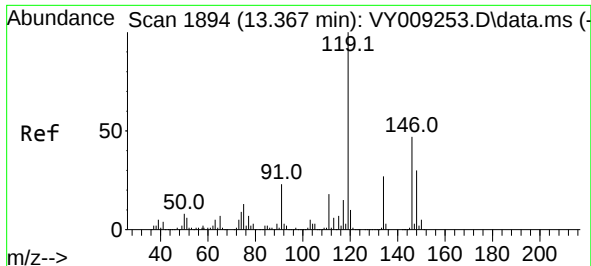
Tgt Ion:105 Resp: 1562418
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 159.269 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009255.D
 Acq: 21 Jun 2022 13:41

Tgt Ion:119 Resp: 1297981
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 152.768 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

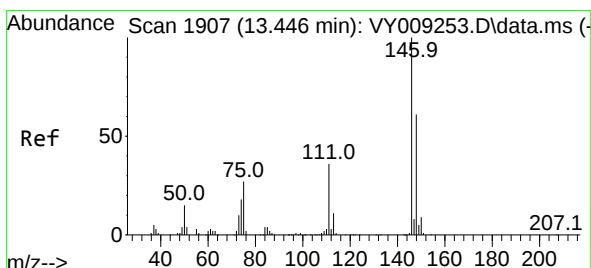
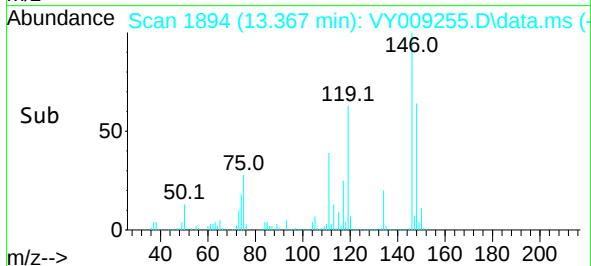
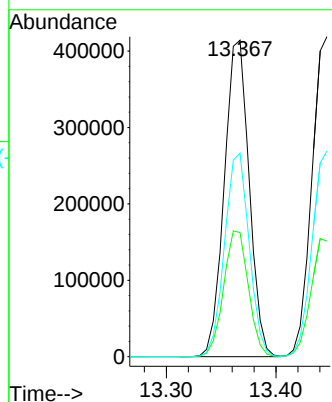
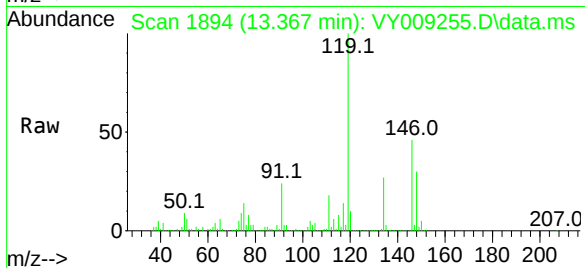
Tgt Ion:146 Resp: 652216

Ion Ratio Lower Upper

146 100

111 39.7 19.5 58.5

148 63.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 152.877 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

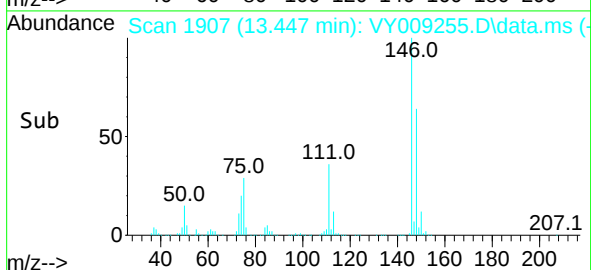
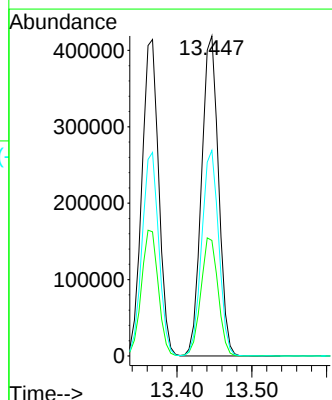
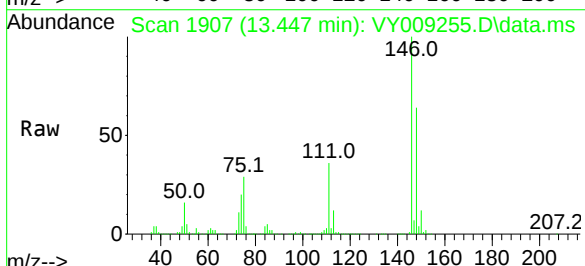
Tgt Ion:146 Resp: 661299

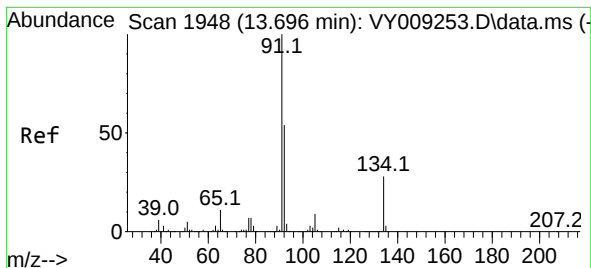
Ion Ratio Lower Upper

146 100

111 37.1 19.3 57.8

148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 157.045 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

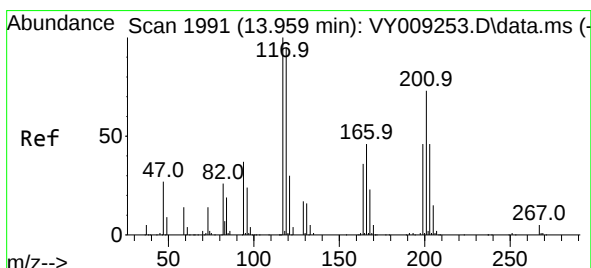
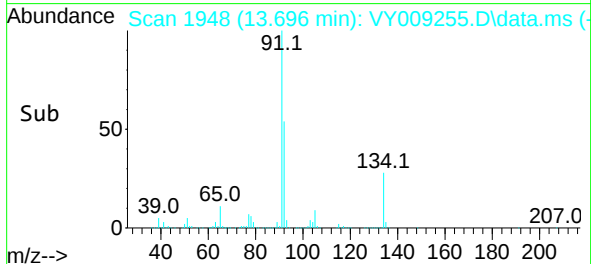
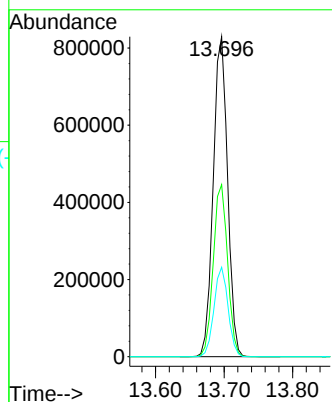
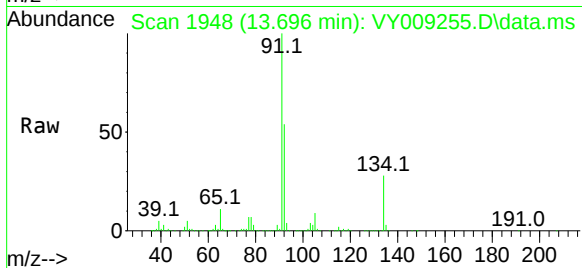
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1207704

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.3	78.9
134	27.4	13.0	38.9



#90

Hexachloroethane

Concen: 158.513 ug/l

RT: 13.959 min Scan# 1991

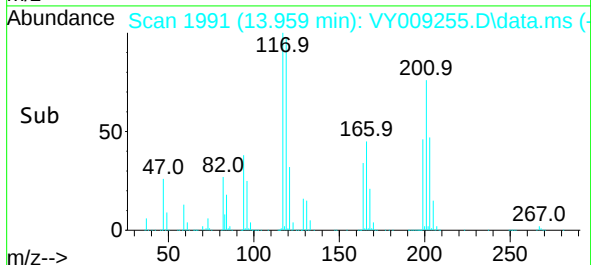
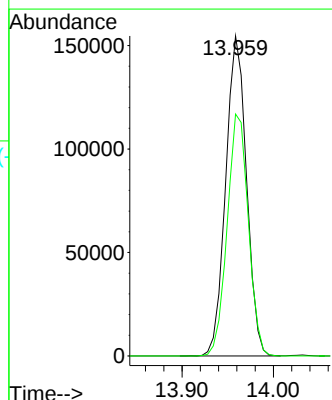
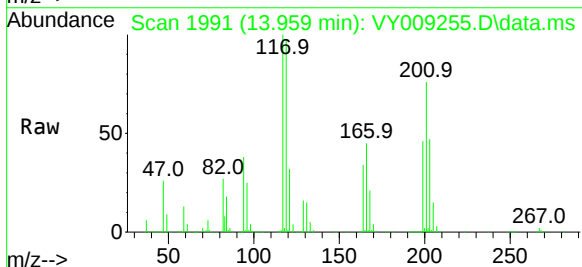
Delta R.T. 0.000 min

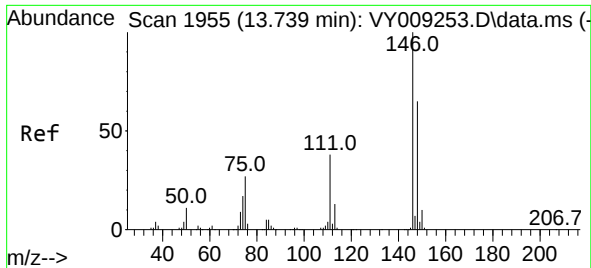
Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Tgt Ion: 117 Resp: 244737

Ion	Ratio	Lower	Upper
117	100		
201	76.9	43.0	128.8

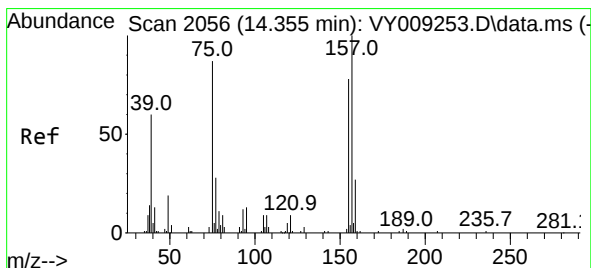
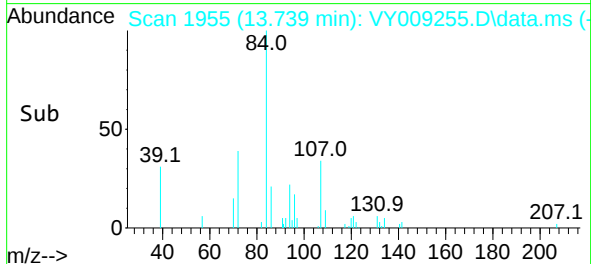
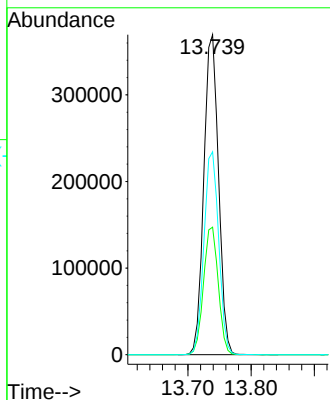
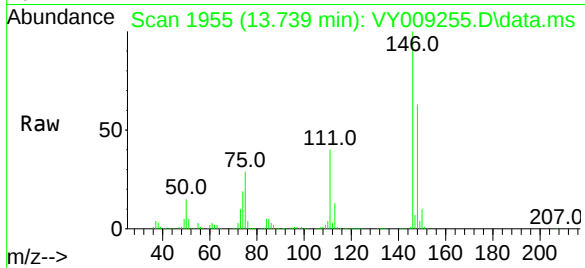




#91
1,2-Dichlorobenzene
Concen: 155.340 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

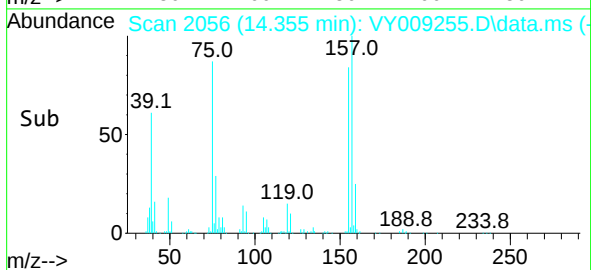
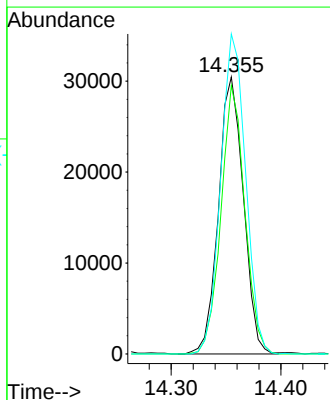
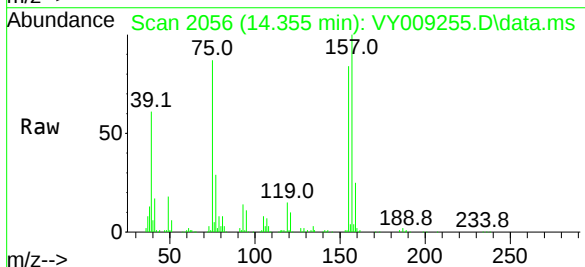
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

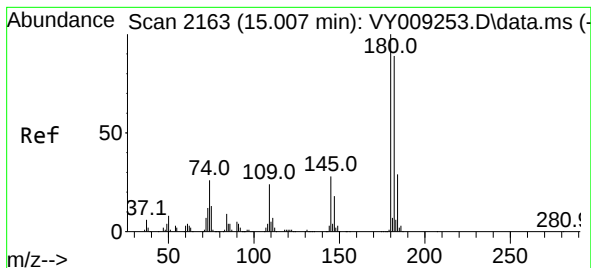
Tgt Ion:146 Resp: 598196
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 63.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 151.660 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009255.D
Acq: 21 Jun 2022 13:41

Tgt Ion: 75 Resp: 47937
Ion Ratio Lower Upper
75 100
155 92.9 38.0 113.9
157 115.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 155.781 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

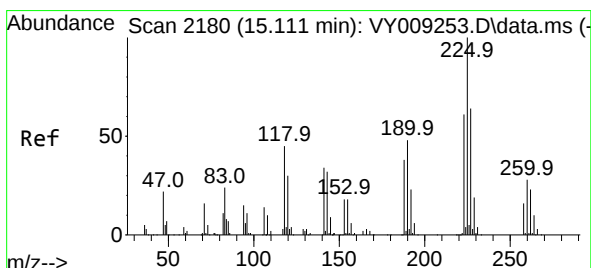
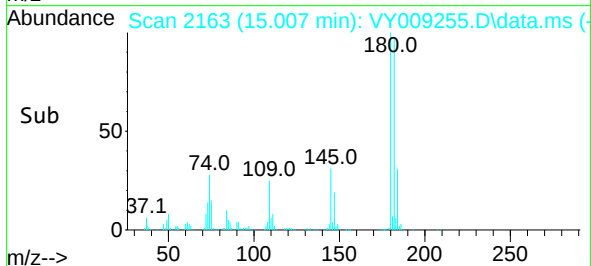
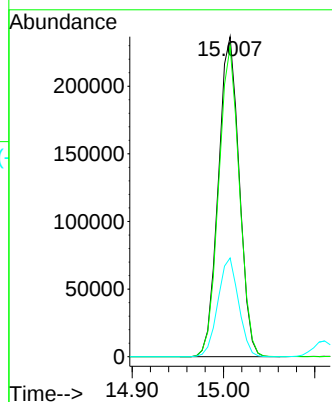
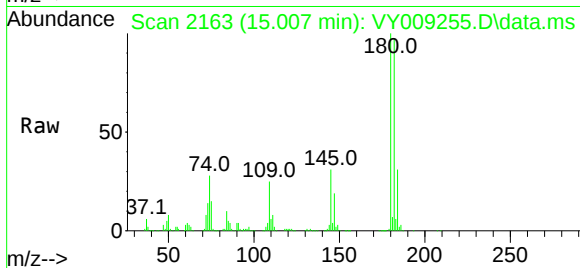
Tgt Ion:180 Resp: 375824

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 30.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 141.909 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

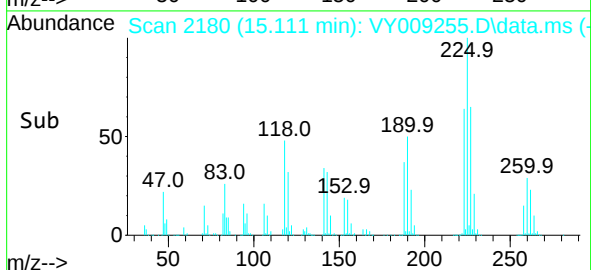
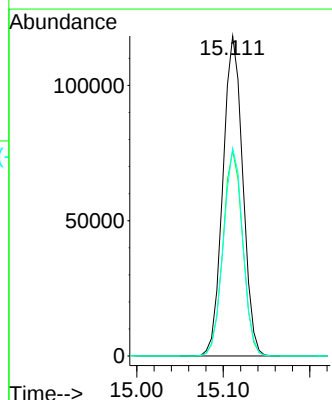
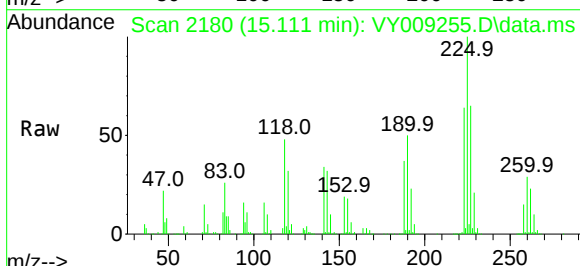
Tgt Ion:225 Resp: 188245

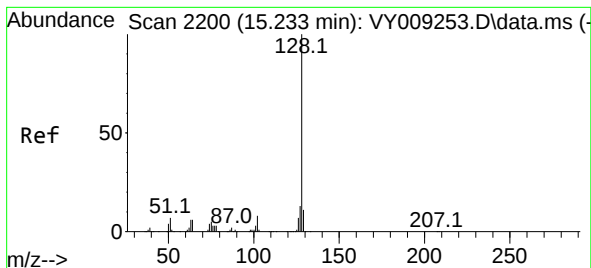
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 163.450 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

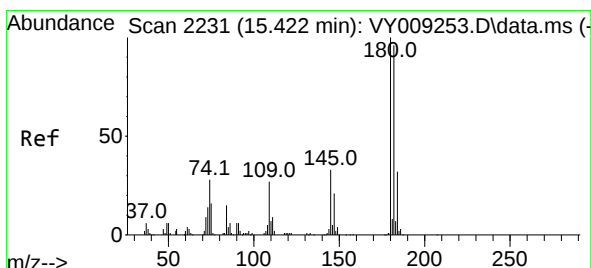
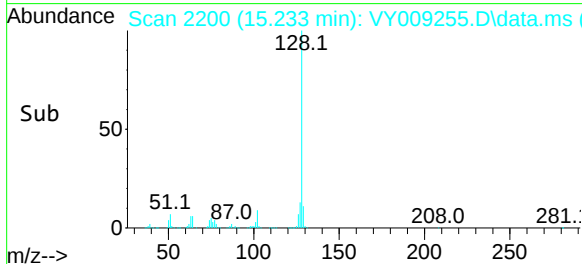
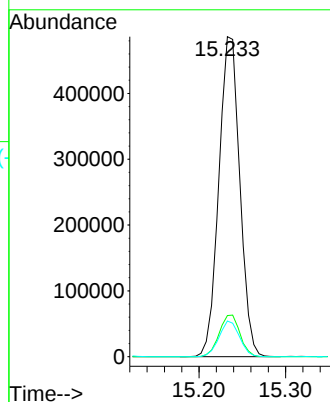
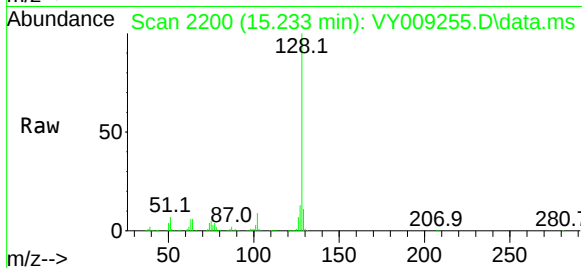
Tgt Ion:128 Resp: 817944

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: 155.464 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009255.D

Acq: 21 Jun 2022 13:41

Tgt Ion:180 Resp: 327745

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 32.3 15.3 45.9

