

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
 Data File : VY008257.D
 Acq On : 08 Apr 2022 13:20
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 08 13:49:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 12:53:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	189039	128.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 257.640%#	
35) Dibromofluoromethane	7.715	113	215757	144.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 288.560%#	
50) Toluene-d8	10.178	98	738423	133.066	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 266.140%#	
62) 4-Bromofluorobenzene	12.483	95	264676	134.678	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 269.360%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	170559	132.008	ug/l	99
3) Chloromethane	2.113	50	193025	120.866	ug/l	94
4) Vinyl Chloride	2.247	62	272563	128.083	ug/l	98
5) Bromomethane	2.631	94	235592	133.701	ug/l	99
6) Chloroethane	2.783	64	197321	139.193	ug/l	99
7) Trichlorofluoromethane	3.119	101	363343	135.174	ug/l	91
8) Diethyl Ether	3.527	74	124480	141.585	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.893	101	235137	140.147	ug/l	94
10) Methyl Iodide	4.088	142	286743	167.065	ug/l	89
11) Tert butyl alcohol	4.954	59	94132	624.156	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	209940	135.775	ug/l #	79
13) Acrolein	3.722	56	101592	779.411	ug/l	96
14) Allyl chloride	4.478	41	260637	128.153	ug/l #	88
15) Acrylonitrile	5.161	53	279844	664.524	ug/l	97
16) Acetone	3.942	43	207005	619.117	ug/l #	82
17) Carbon Disulfide	4.192	76	530673	123.412	ug/l	99
18) Methyl Acetate	4.472	43	112961	99.240	ug/l #	76
19) Methyl tert-butyl Ether	5.216	73	619200	138.983	ug/l	92
20) Methylene Chloride	4.710	84	242274	120.576	ug/l #	75
21) trans-1,2-Dichloroethene	5.216	96	246502	136.864	ug/l #	78
22) Diisopropyl ether	6.118	45	580970	130.895	ug/l #	88
23) Vinyl Acetate	6.057	43	1912190	700.173	ug/l #	81
24) 1,1-Dichloroethane	6.015	63	394510	134.846	ug/l	96
25) 2-Butanone	6.984	43	325693	639.603	ug/l #	72
26) 2,2-Dichloropropane	6.978	77	388299	140.441	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	297392	141.303	ug/l	78
28) Bromochloromethane	7.331	49	164683	159.690	ug/l #	50
29) Tetrahydrofuran	7.344	42	208265	627.722	ug/l #	67
30) Chloroform	7.502	83	450552	141.496	ug/l	99
31) Cyclohexane	7.783	56	316313	115.885	ug/l #	81
32) 1,1,1-Trichloroethane	7.697	97	411562	140.991	ug/l	93
36) 1,1-Dichloropropene	7.917	75	324255	138.647	ug/l	94
37) Ethyl Acetate	7.069	43	148885	135.668	ug/l #	88
38) Carbon Tetrachloride	7.898	117	380943	149.606	ug/l	97
39) Methylcyclohexane	9.185	83	421987	134.455	ug/l #	81
40) Benzene	8.161	78	944057	140.220	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	197834	351.506	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	265171	139.698	ug/l	88
43) Isopropyl Acetate	8.270	43	286002	133.297	ug/l #	82
44) Trichloroethene	8.941	130	289840	148.782	ug/l	95
45) 1,2-Dichloropropane	9.215	63	225886	141.512	ug/l	94
46) Dibromomethane	9.307	93	152959	145.883	ug/l	96
47) Bromodichloromethane	9.496	83	356644	148.753	ug/l	99
48) Methyl methacrylate	9.294	41	122013	129.742	ug/l #	70
49) 1,4-Dioxane	9.294	88	39350	2846.255	ug/l #	71
51) 4-Methyl-2-Pentanone	10.069	43	717345	663.313	ug/l #	81
52) Toluene	10.246	92	633408	143.704	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	364400	148.826	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	405988	146.237	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	216757	149.250	ug/l	97
56) Ethyl methacrylate	10.508	69	270019	144.619	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	341455	143.897	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	506844	647.245	ug/l #	84
59) 2-Hexanone	10.831	43	495357	657.789	ug/l	78
60) Dibromochloromethane	10.983	129	280189	159.124	ug/l	99
61) 1,2-Dibromoethane	11.087	107	215905	149.970	ug/l	100
64) Tetrachloroethene	10.721	164	247434	144.478	ug/l	98
65) Chlorobenzene	11.514	112	727376	144.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	292140	156.829	ug/l	98
67) Ethyl Benzene	11.593	91	1231566	140.148	ug/l	94
68) m/p-Xylenes	11.703	106	1014978	290.920	ug/l	86
69) o-Xylene	12.032	106	490303	146.299	ug/l	86
70) Styrene	12.044	104	816391	148.840	ug/l	93
71) Bromoform	12.209	173	184157	164.744	ug/l #	99
73) Isopropylbenzene	12.331	105	1260470	135.394	ug/l	97
74) N-amyl acetate	12.142	43	243892	119.904	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	239178	131.387	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	295925	211.974	ug/l #	100
77) Bromobenzene	12.611	156	322961	150.603	ug/l	81
78) n-propylbenzene	12.672	91	1426186	129.683	ug/l	93
79) 2-Chlorotoluene	12.757	91	803236	131.829	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	1020698	133.789	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	80768	131.774	ug/l #	80
82) 4-Chlorotoluene	12.855	91	814483	130.224	ug/l	92
83) tert-Butylbenzene	13.074	119	945294	139.256	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	1017265	136.479	ug/l	95
85) sec-Butylbenzene	13.257	105	1345780	133.837	ug/l	97
86) p-Isopropyltoluene	13.373	119	1172813	140.167	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	627418	147.127	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	606821	142.823	ug/l	97
89) n-Butylbenzene	13.696	91	998175	129.695	ug/l	96
90) Hexachloroethane	13.964	117	224822	139.362	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	555425	148.070	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	36883	128.461	ug/l	60
93) 1,2,4-Trichlorobenzene	15.007	180	349272	155.624	ug/l	99
94) Hexachlorobutadiene	15.117	225	182105	153.328	ug/l	98
95) Naphthalene	15.239	128	729769	148.474	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	306235	157.689	ug/l	99

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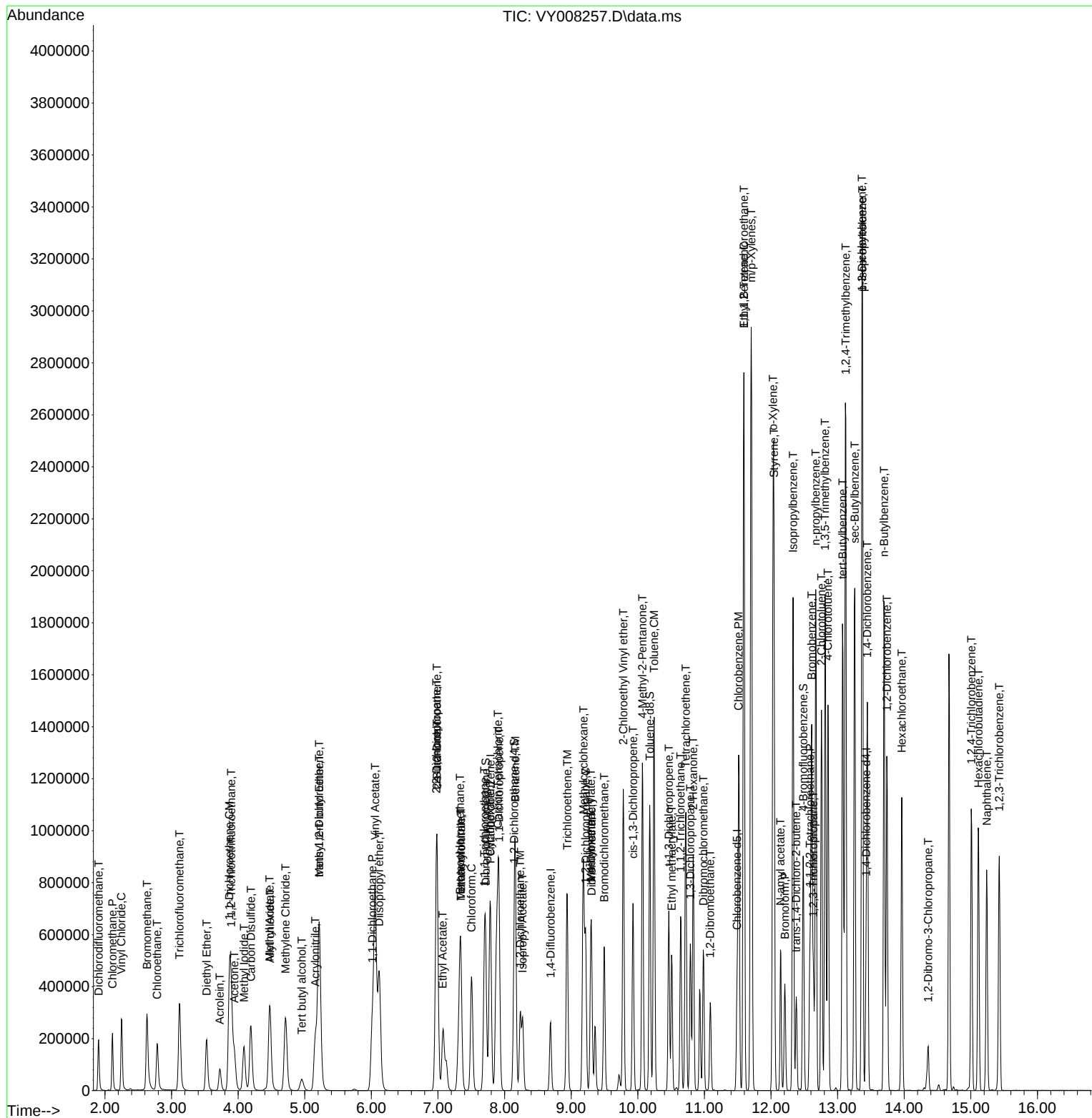
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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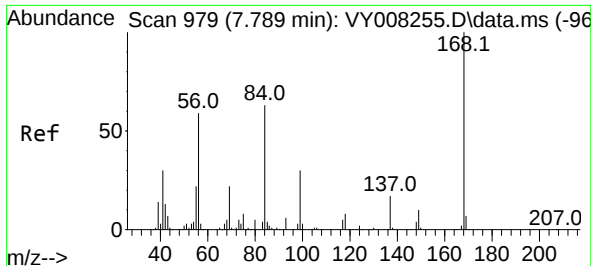
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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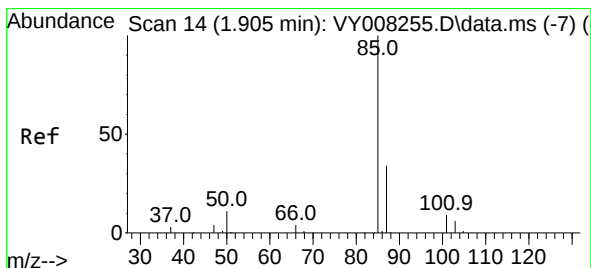
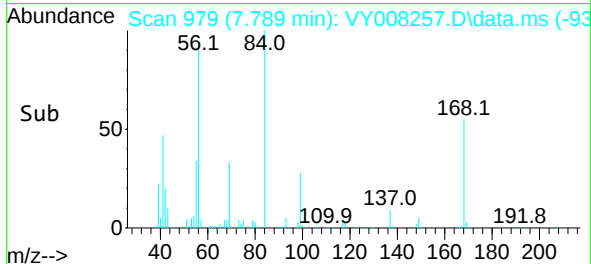
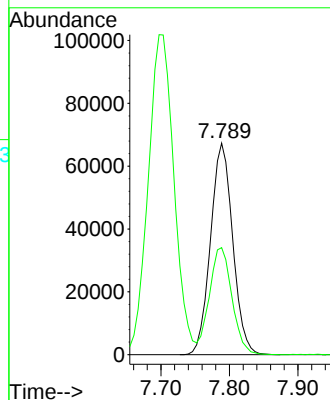
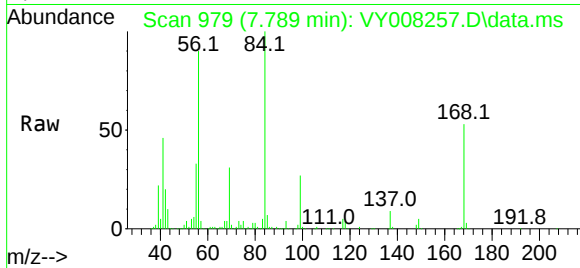




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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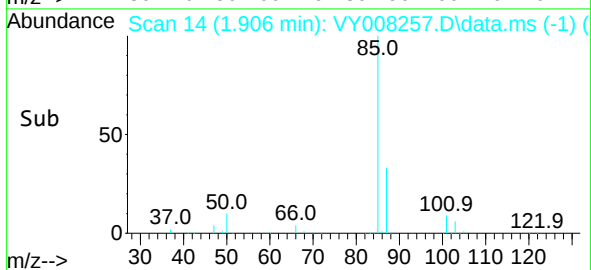
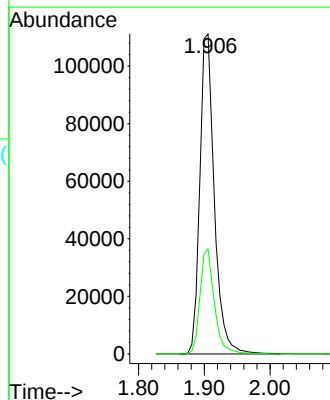
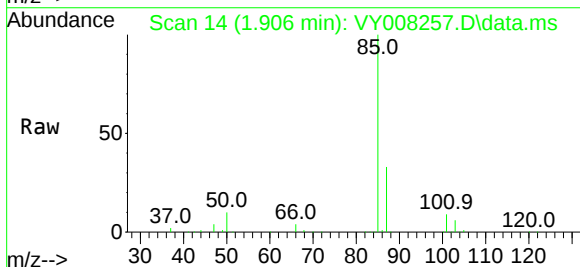
Instrument :
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ClientSampleId :
VSTDIC150

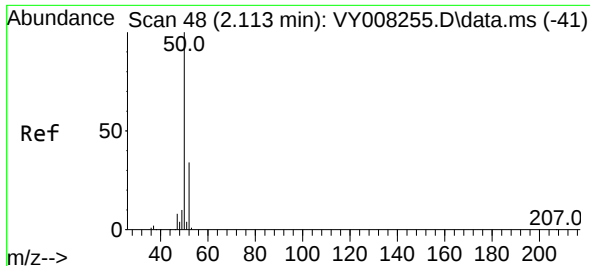
Tgt Ion:168 Resp: 151512
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 132.008 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 85 Resp: 170559
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

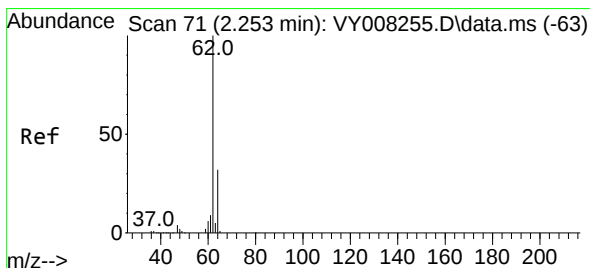
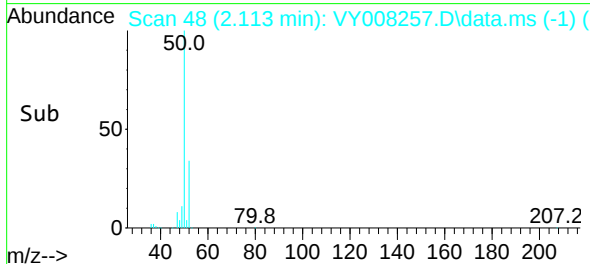
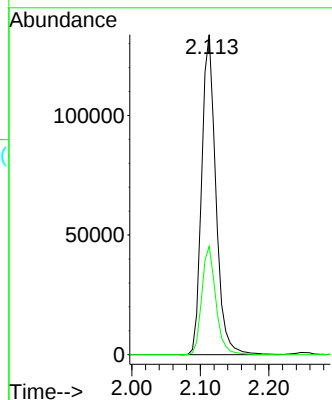
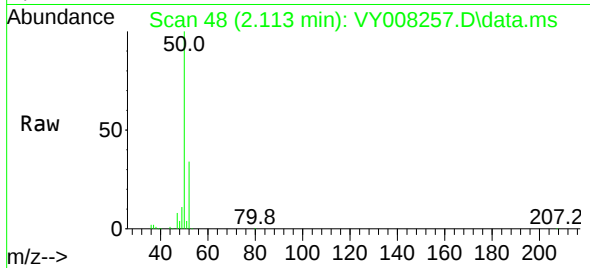




#3
Chloromethane
Concen: 120.866 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

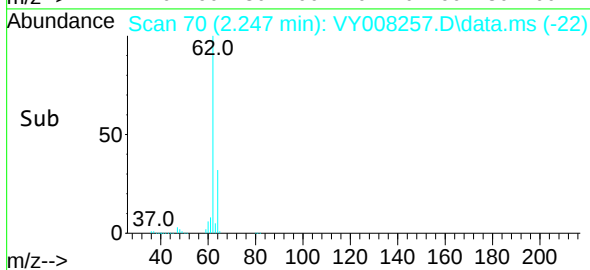
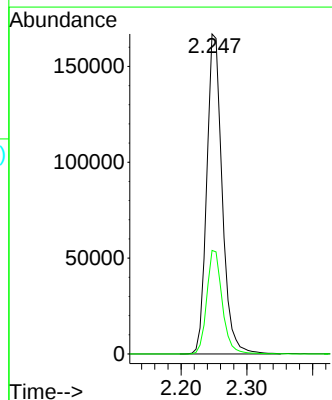
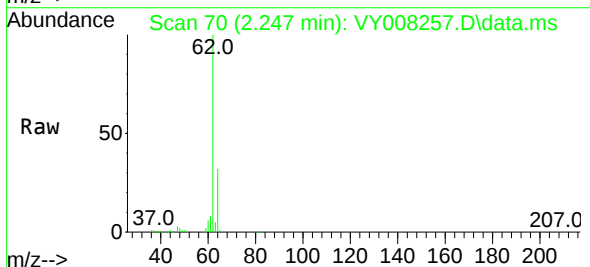
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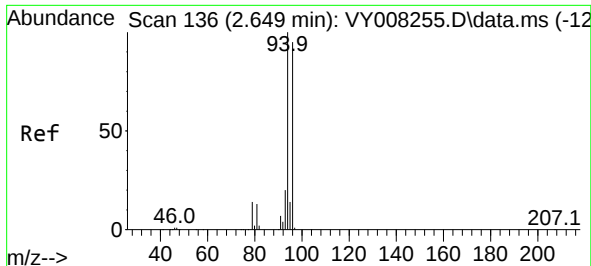
Tgt Ion: 50 Resp: 193025
Ion Ratio Lower Upper
50 100
52 33.9 24.6 37.0



#4
Vinyl Chloride
Concen: 128.083 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 62 Resp: 272563
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.6

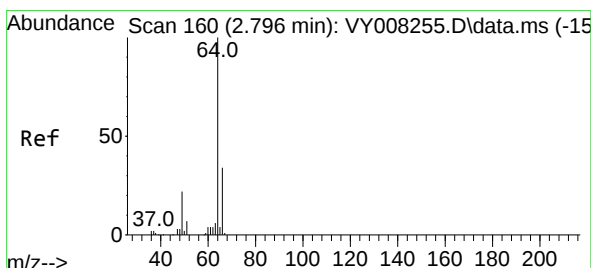
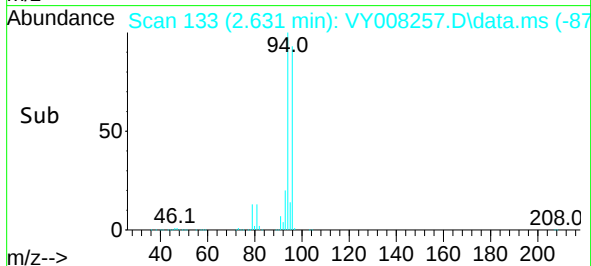
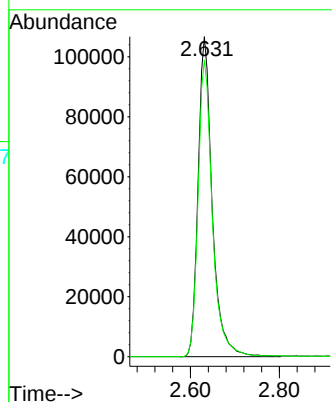
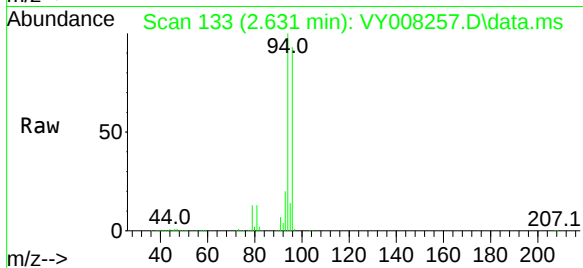




#5
Bromomethane
Concen: 133.701 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY008257.D
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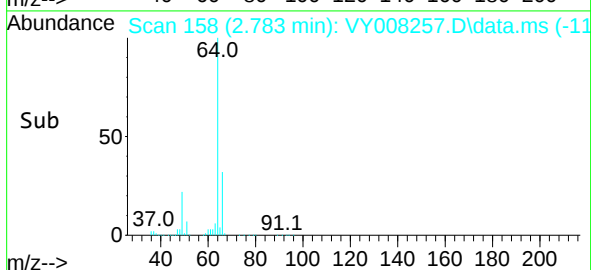
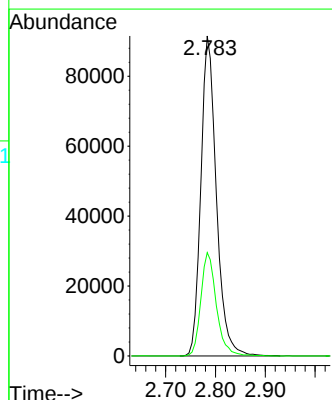
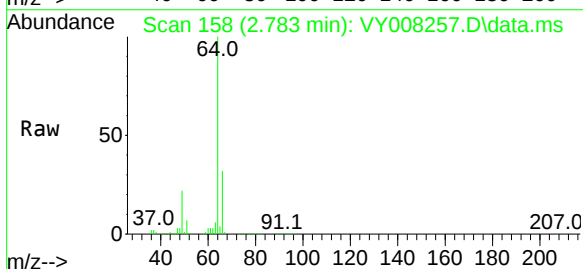
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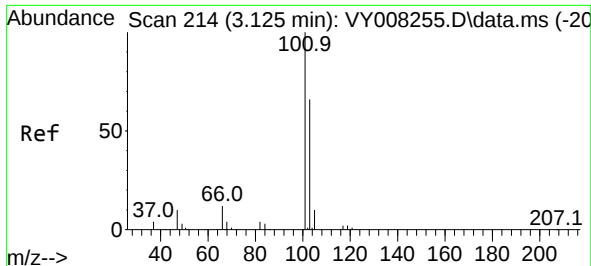
Tgt Ion: 94 Resp: 235592
Ion Ratio Lower Upper
94 100
96 92.8 73.5 110.3



#6
Chloroethane
Concen: 139.193 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 64 Resp: 197321
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0

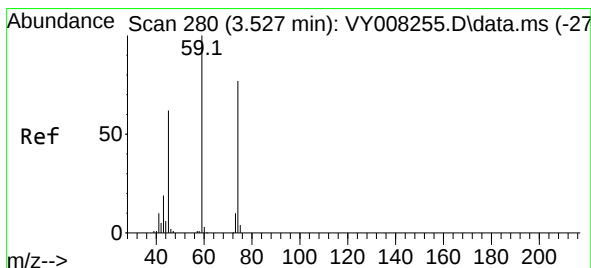
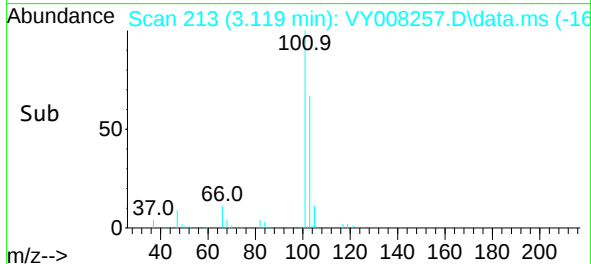
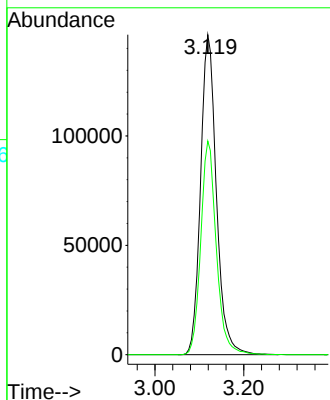
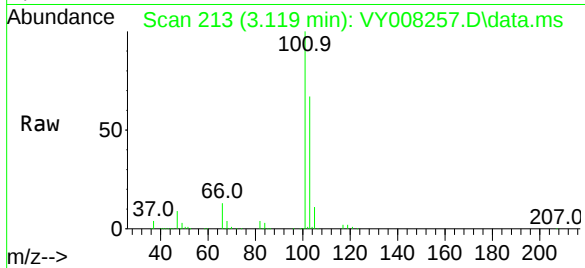




#7
Trichlorofluoromethane
Concen: 135.174 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

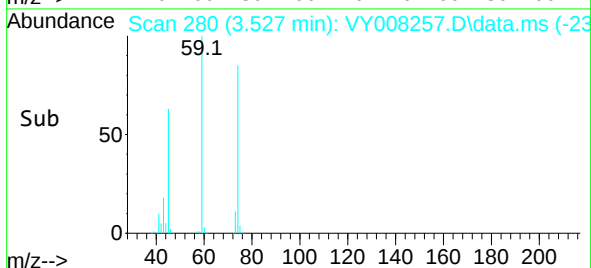
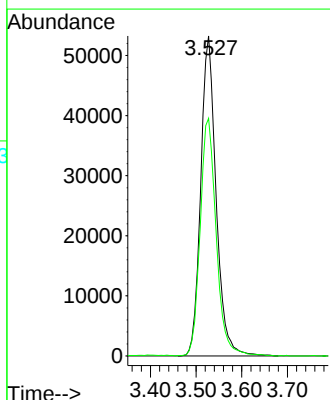
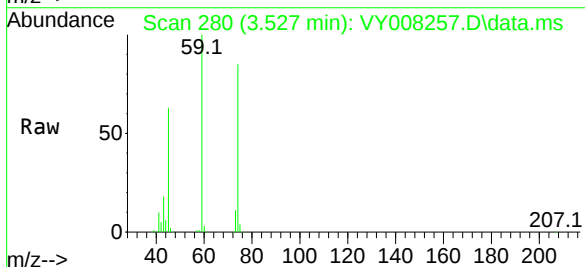
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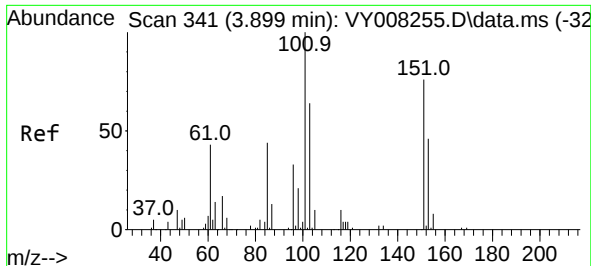
Tgt Ion:101 Resp: 363343
Ion Ratio Lower Upper
101 100
103 66.7 48.0 72.0



#8
Diethyl Ether
Concen: 141.585 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008257.D
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Tgt Ion: 74 Resp: 124480
Ion Ratio Lower Upper
74 100
45 77.8 55.1 165.5

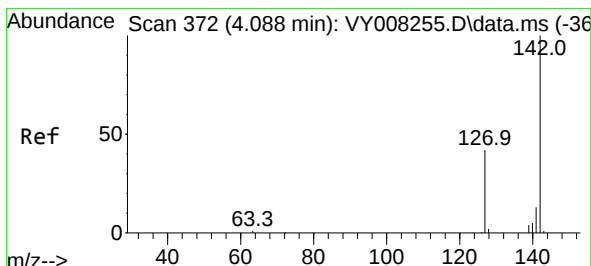
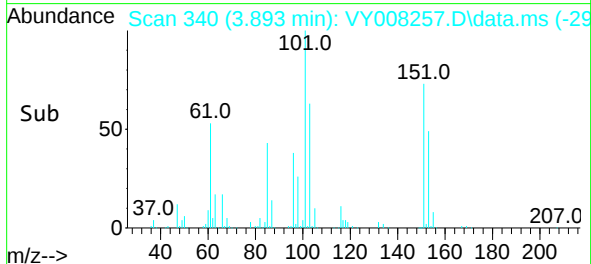
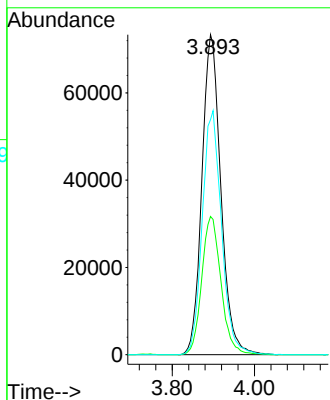
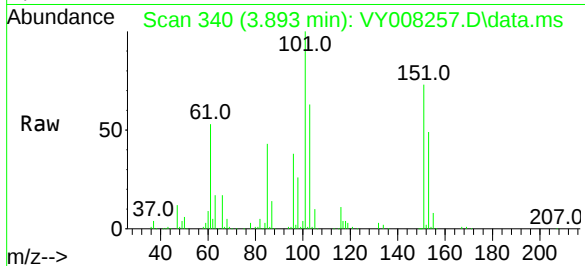




#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.147 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

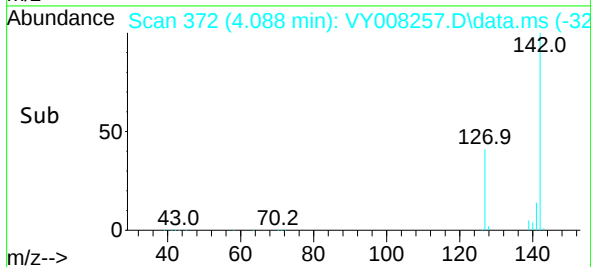
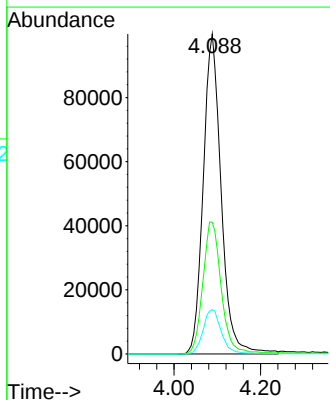
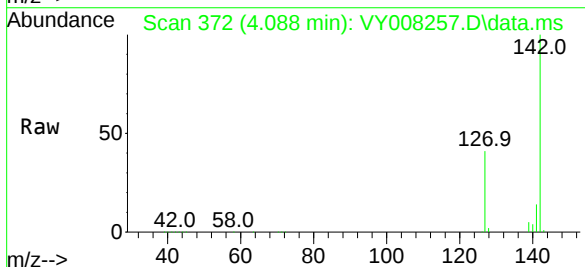
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

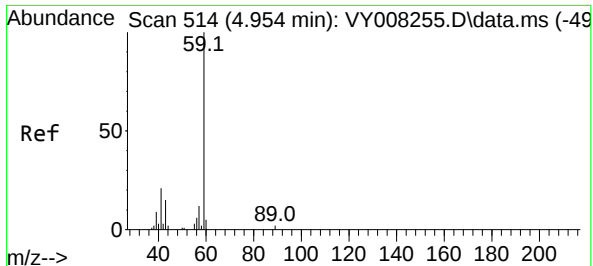
Tgt Ion:101 Resp: 235137
Ion Ratio Lower Upper
101 100
85 43.9 40.6 60.8
151 77.5 64.9 97.3



#10
Methyl Iodide
Concen: 167.065 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion:142 Resp: 286743
Ion Ratio Lower Upper
142 100
127 42.5 41.5 62.3
141 14.1 11.9 17.9

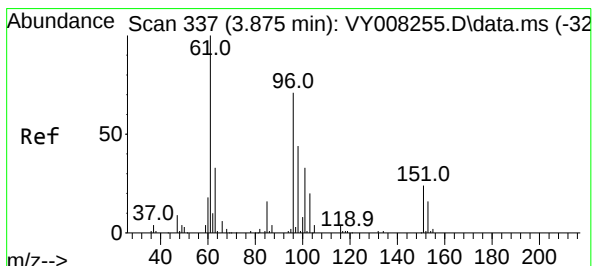
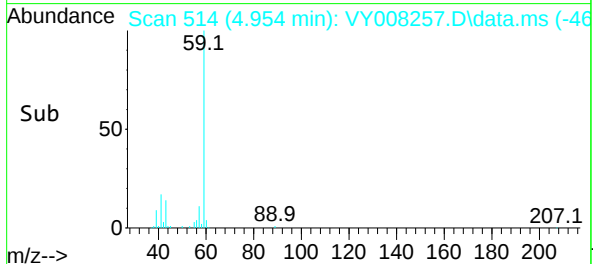
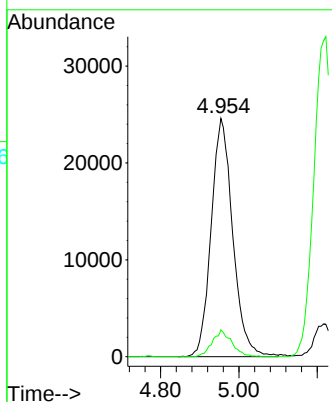
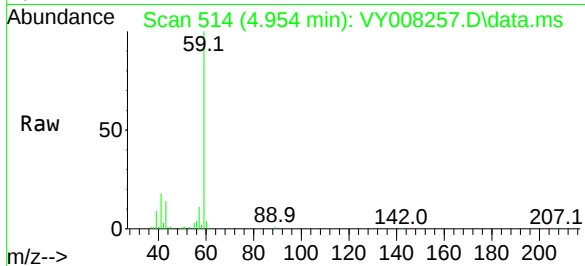




#11
Tert butyl alcohol
Concen: 624.156 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

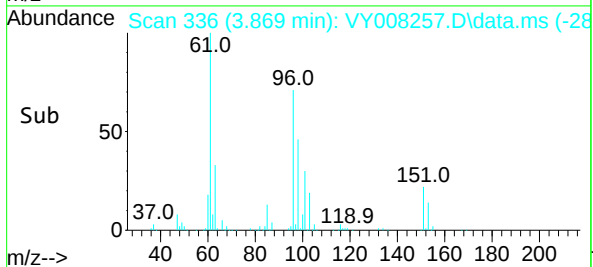
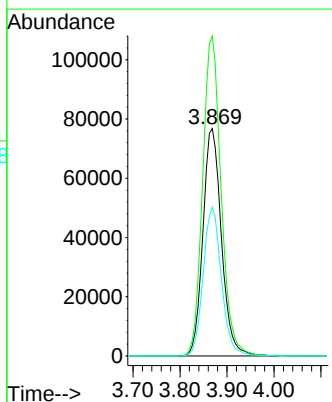
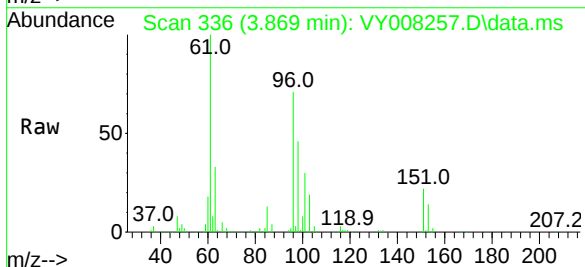
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

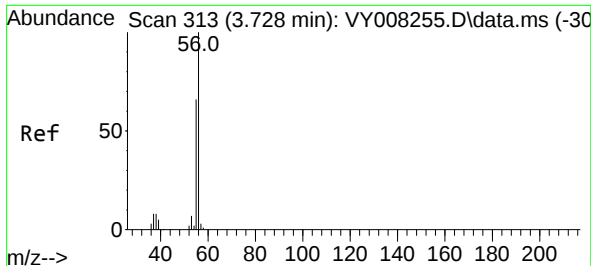
Tgt Ion: 59 Resp: 94132
Ion Ratio Lower Upper
59 100
57 10.1 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 135.775 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 96 Resp: 209940
Ion Ratio Lower Upper
96 100
61 140.8 145.8 218.6#
98 65.3 52.5 78.7





#13

Acrolein

Concen: 779.411 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

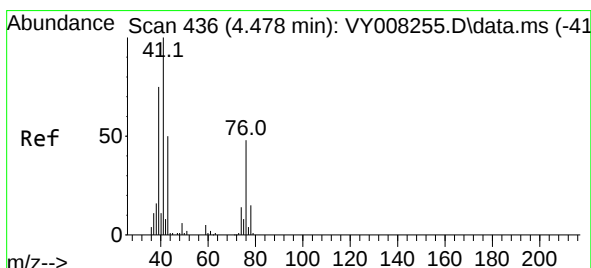
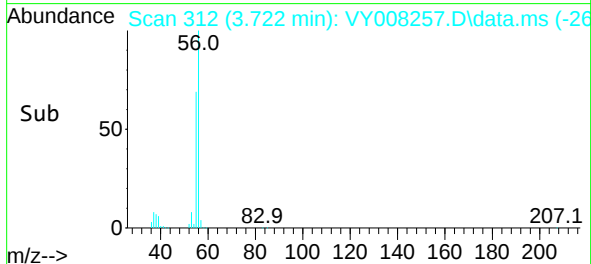
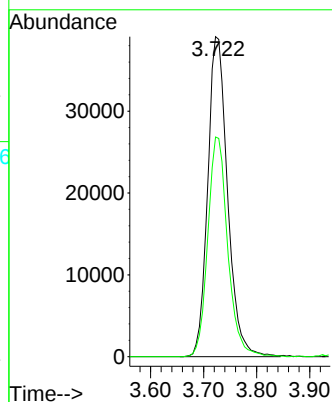
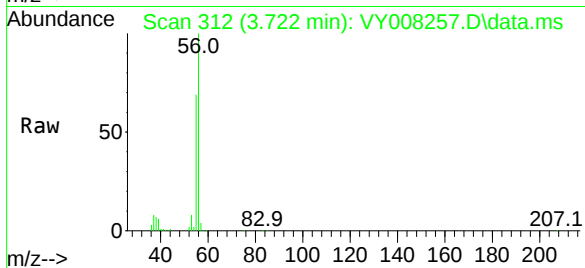
VSTDIC150

Tgt Ion: 56 Resp: 101592

Ion Ratio Lower Upper

56 100

55 68.9 57.6 86.4



#14

Allyl chloride

Concen: 128.153 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

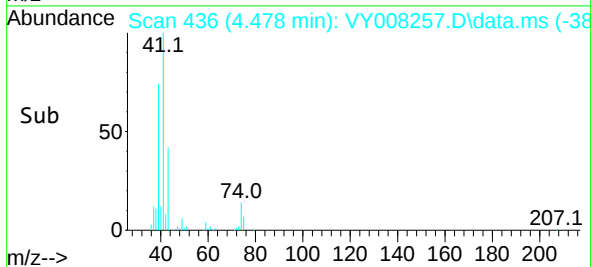
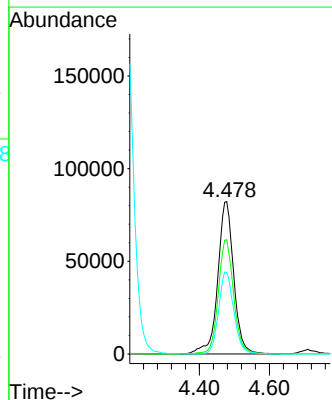
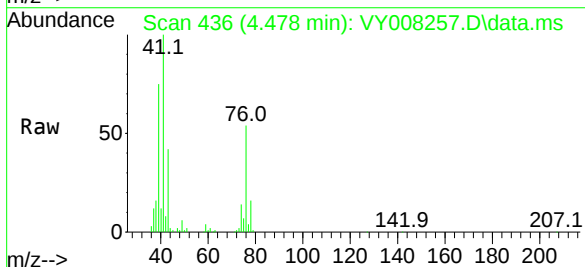
Tgt Ion: 41 Resp: 260637

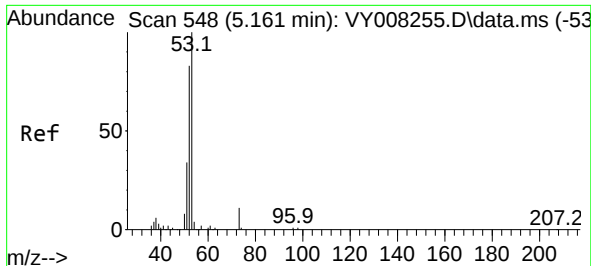
Ion Ratio Lower Upper

41 100

39 72.0 58.8 88.2

76 50.8 25.1 37.7#

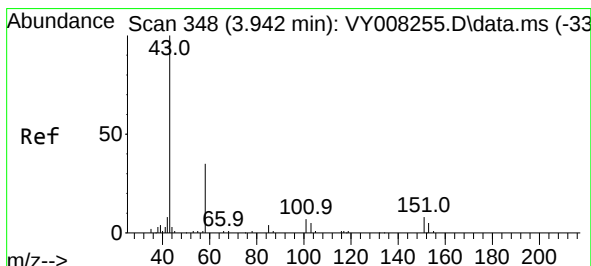
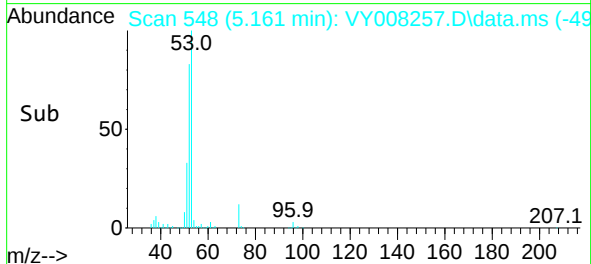
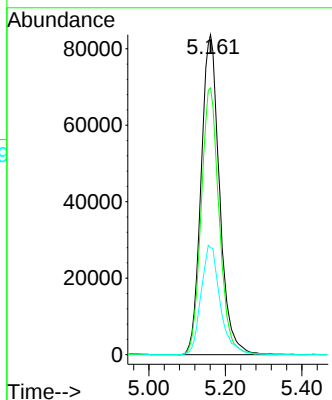
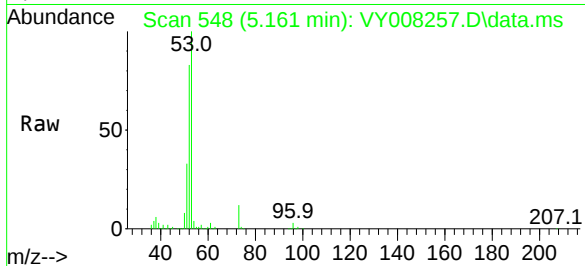




#15
Acrylonitrile
Concen: 664.524 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

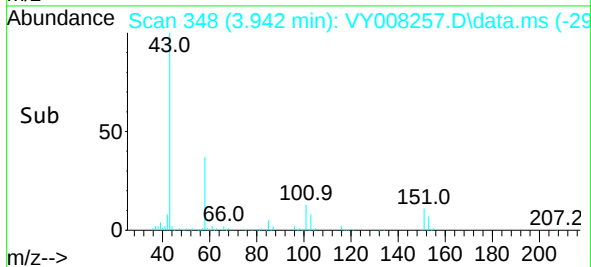
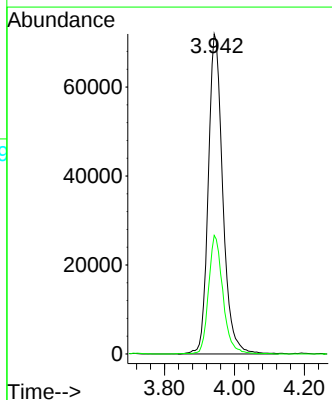
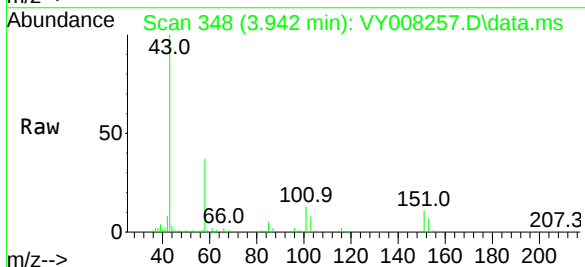
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

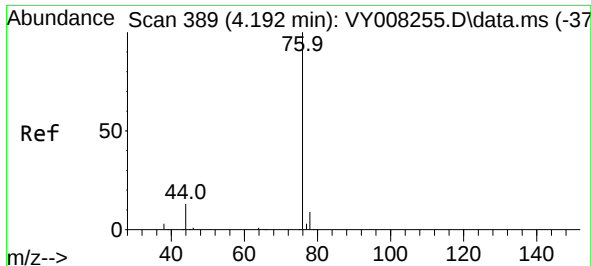
Tgt Ion: 53 Resp: 279844
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 35.4 29.8 44.6



#16
Acetone
Concen: 619.117 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 43 Resp: 207005
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#

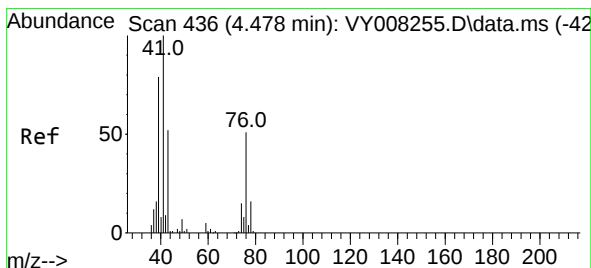
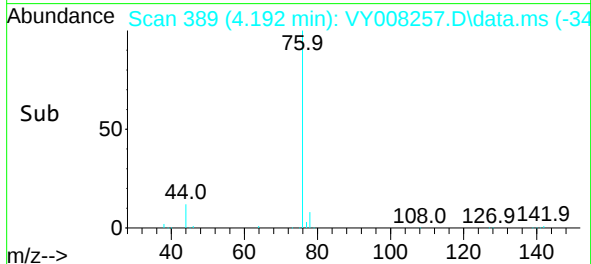
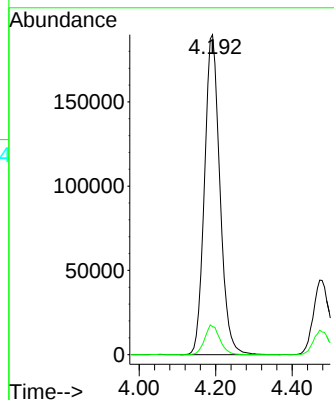
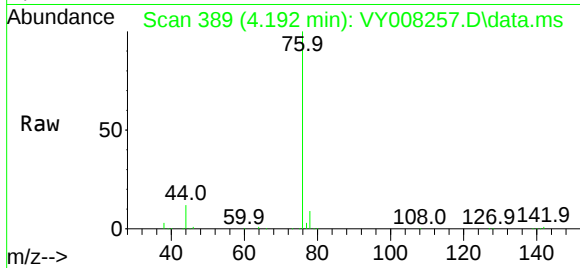




#17
Carbon Disulfide
Concen: 123.412 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

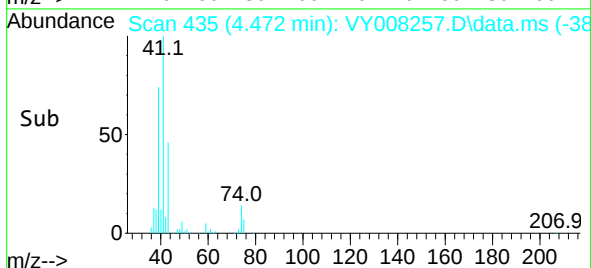
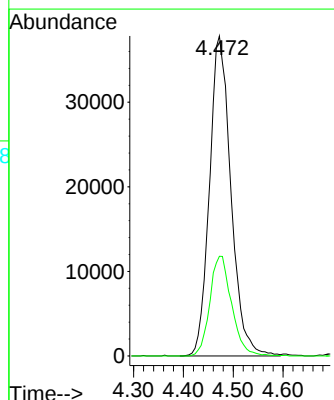
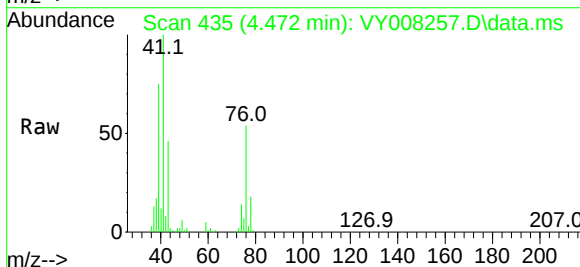
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

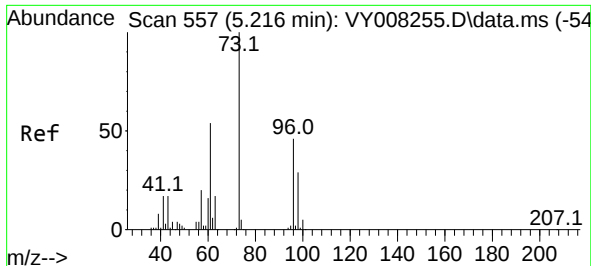
Tgt Ion: 76 Resp: 530673
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 99.240 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 43 Resp: 112961
Ion Ratio Lower Upper
43 100
74 31.8 16.6 24.8#

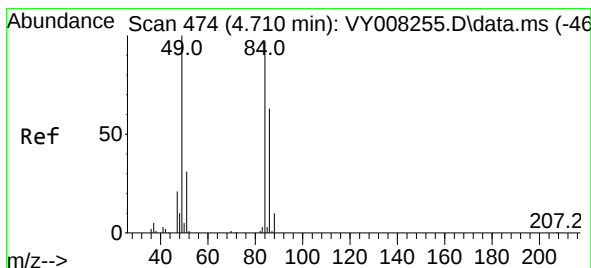
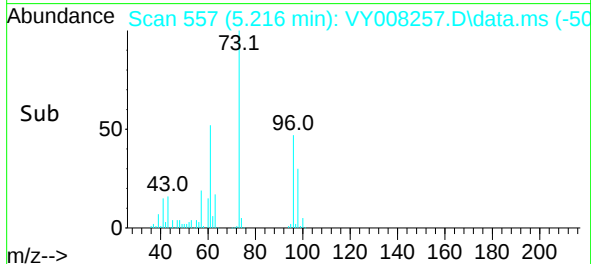
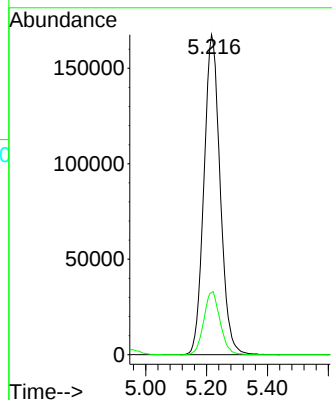
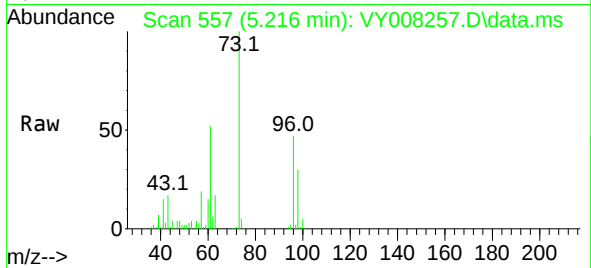




#19
Methyl tert-butyl Ether
Concen: 138.983 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

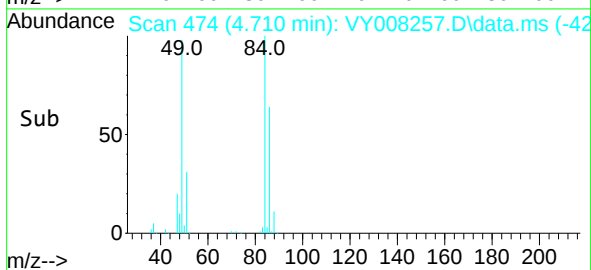
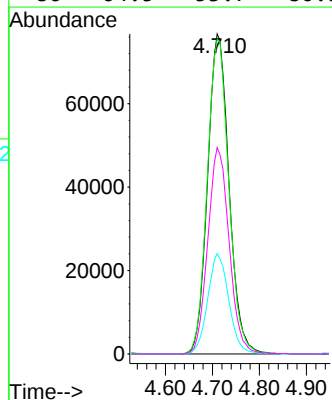
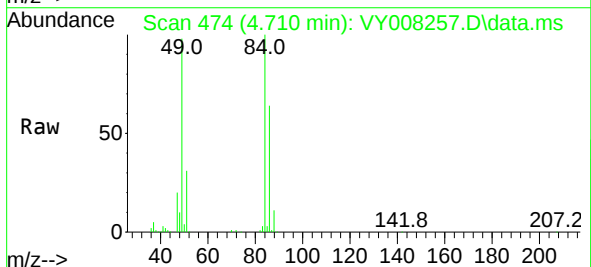
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

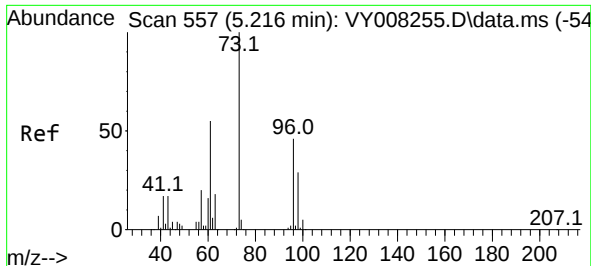
Tgt Ion: 73 Resp: 619200
Ion Ratio Lower Upper
73 100
57 19.4 18.6 27.8



#20
Methylene Chloride
Concen: 120.576 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 84 Resp: 242274
Ion Ratio Lower Upper
84 100
49 98.3 114.4 171.6#
51 31.3 35.3 52.9#
86 64.5 53.7 80.5

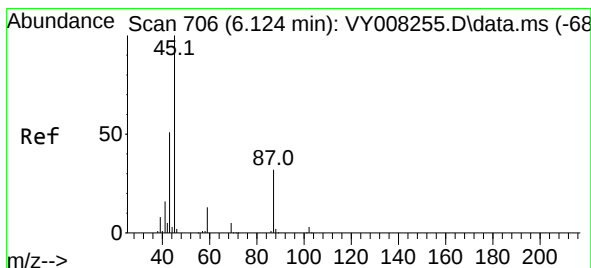
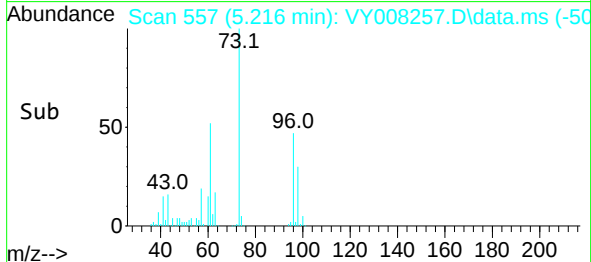
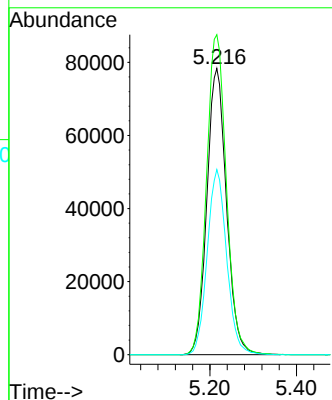
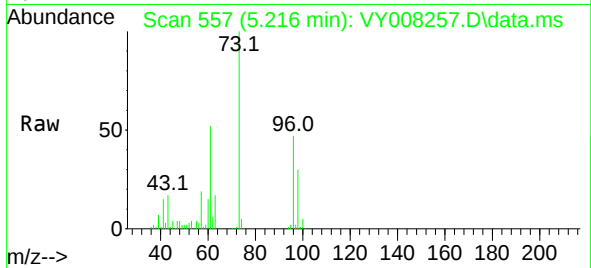




#21
trans-1,2-Dichloroethene
Concen: 136.864 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

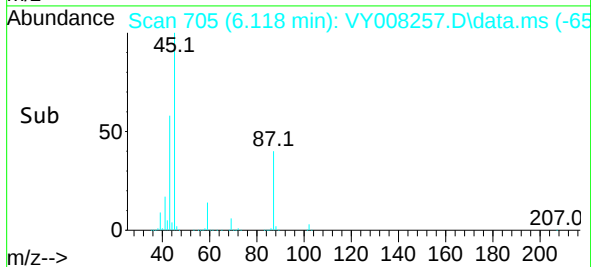
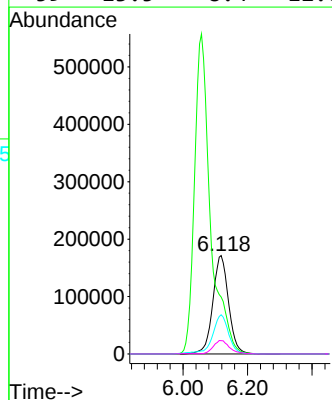
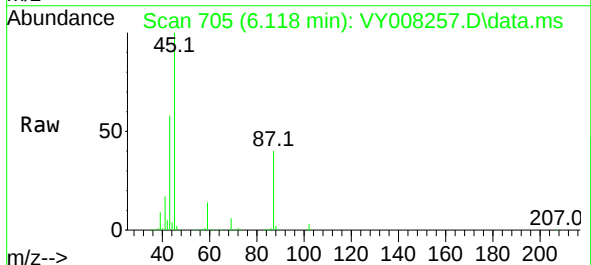
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

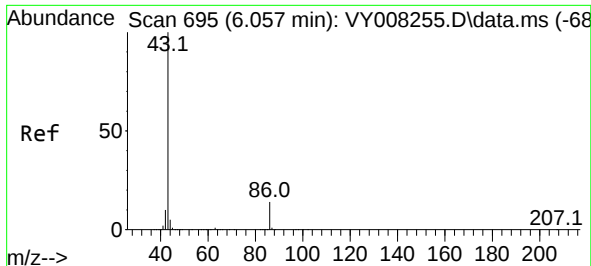
Tgt Ion: 96 Resp: 246502
Ion Ratio Lower Upper
96 100
61 111.8 120.5 180.7#
98 64.7 49.8 74.8



#22
Diisopropyl ether
Concen: 130.895 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 45 Resp: 580970
Ion Ratio Lower Upper
45 100
43 57.9 49.3 73.9
87 39.8 19.2 28.8#
59 13.5 8.4 12.6#

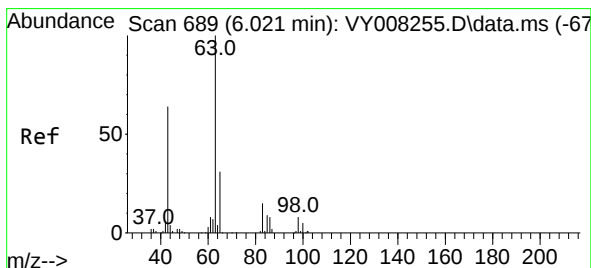
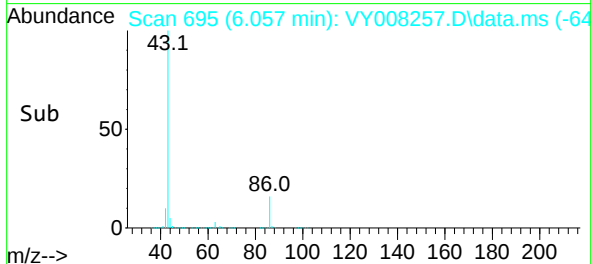
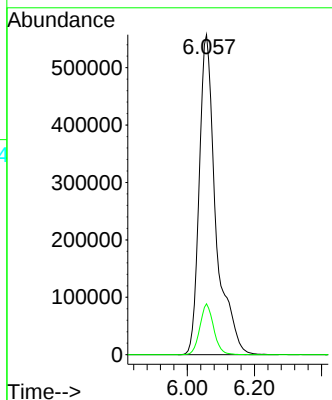
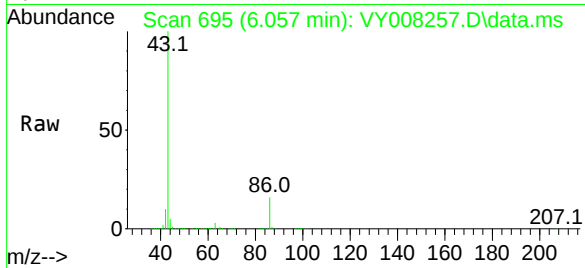




#23
 Vinyl Acetate
 Concen: 700.173 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

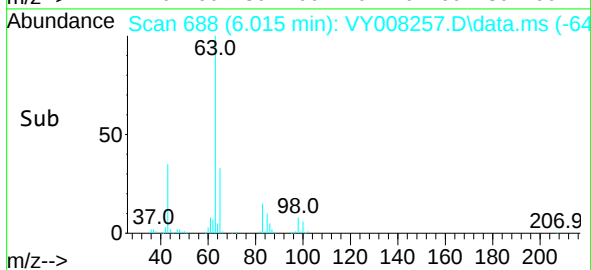
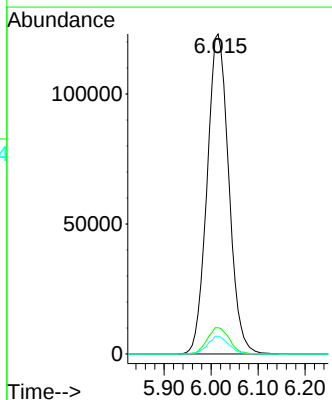
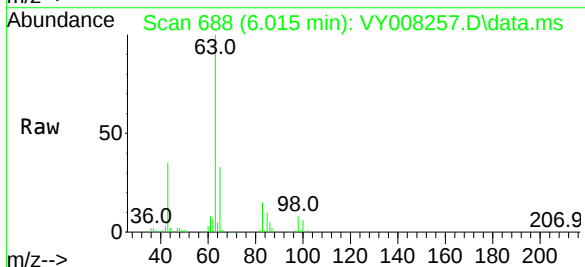
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

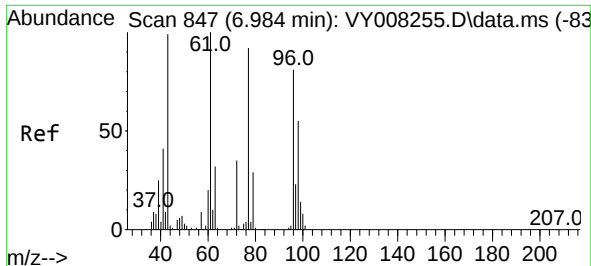
Tgt Ion: 43 Resp: 1912190
 Ion Ratio Lower Upper
 43 100
 86 15.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 134.846 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

Tgt Ion: 63 Resp: 394510
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 5.6 2.0 5.8





#25

2-Butanone

Concen: 639.603 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

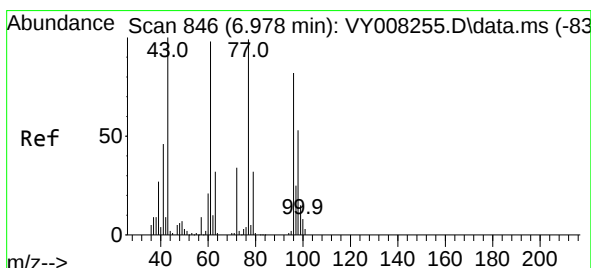
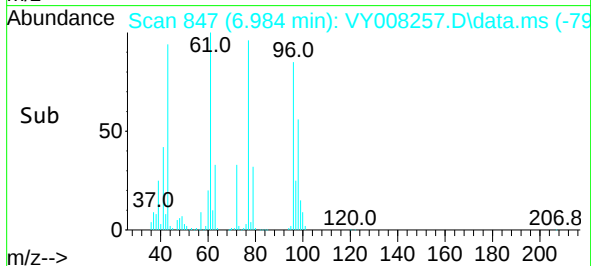
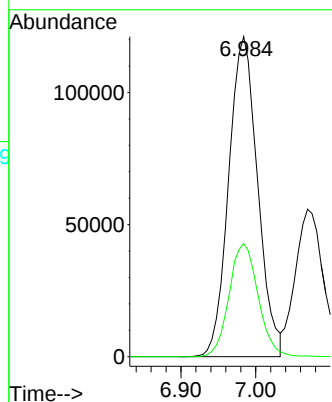
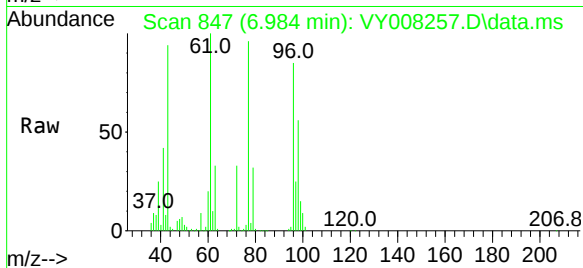
VSTDIC150

Tgt Ion: 43 Resp: 325693

Ion Ratio Lower Upper

43 100

72 35.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 140.441 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008257.D

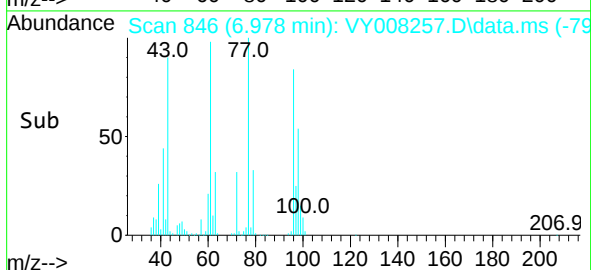
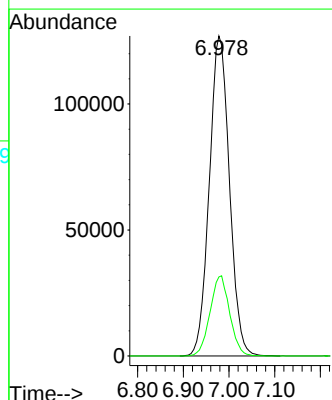
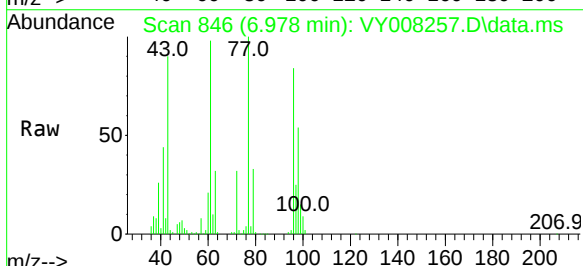
Acq: 08 Apr 2022 13:20

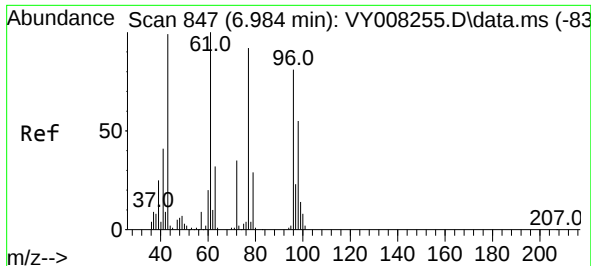
Tgt Ion: 77 Resp: 388299

Ion Ratio Lower Upper

77 100

97 24.4 10.4 31.4

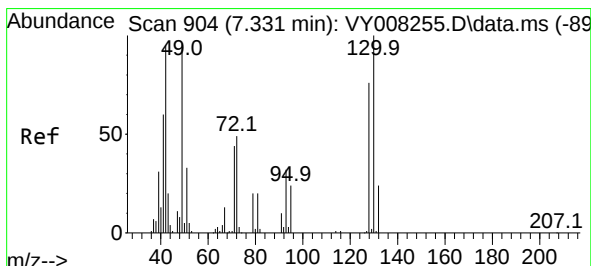
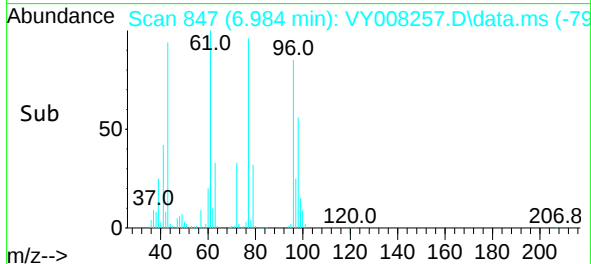
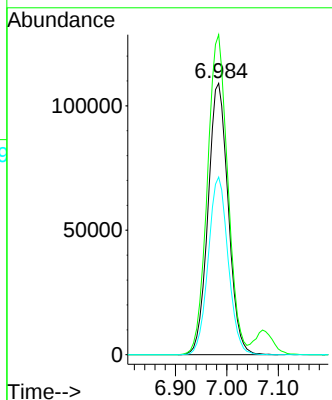
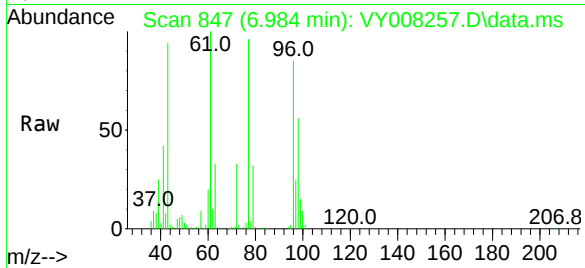




#27
 cis-1,2-Dichloroethene
 Concen: 141.303 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

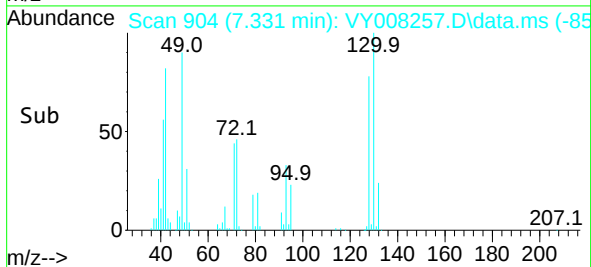
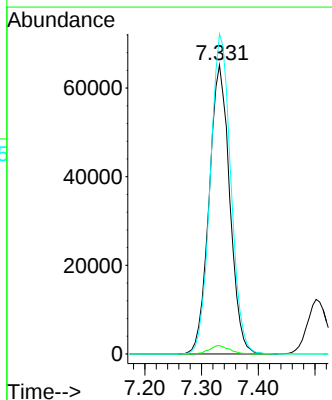
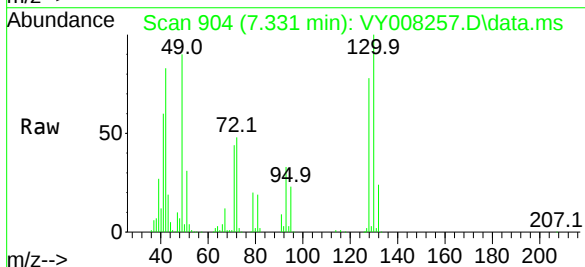
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

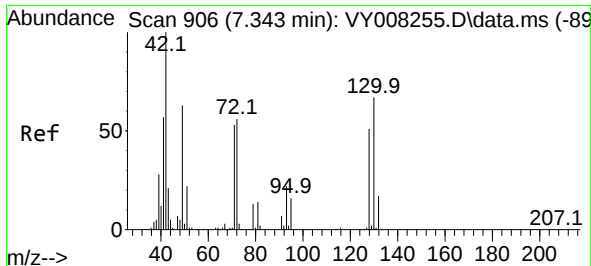
Tgt Ion: 96 Resp: 297392
 Ion Ratio Lower Upper
 96 100
 61 119.3 0.0 319.8
 98 64.6 0.0 127.0



#28
 Bromochloromethane
 Concen: 159.690 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

Tgt Ion: 49 Resp: 164683
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 2.2#
 130 110.3 55.4 83.0#





#29

Tetrahydrofuran

Concen: 627.722 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

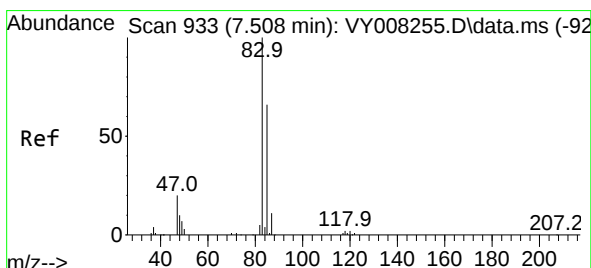
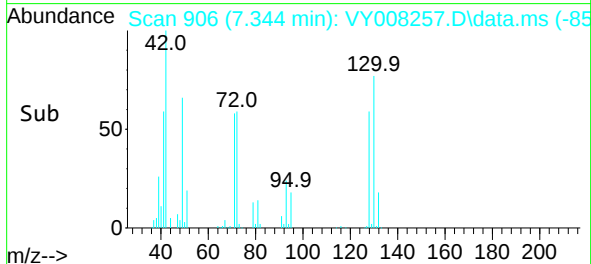
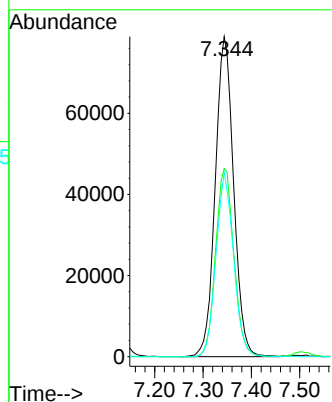
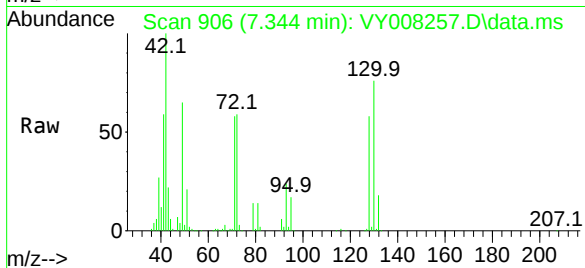
Tgt Ion: 42 Resp: 208265

Ion Ratio Lower Upper

42 100

72 58.6 30.3 45.5#

71 54.8 29.0 43.4#



#30

Chloroform

Concen: 141.496 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008257.D

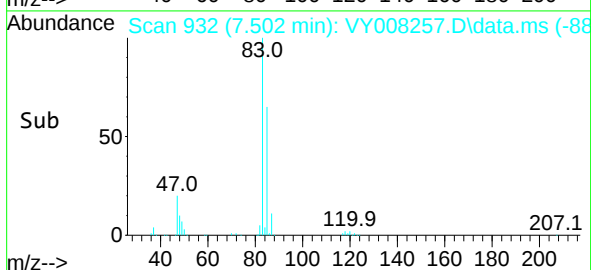
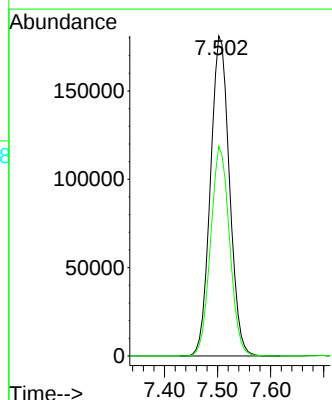
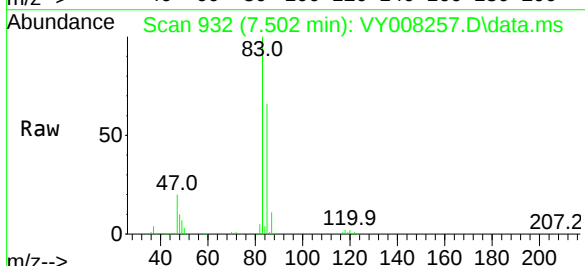
Acq: 08 Apr 2022 13:20

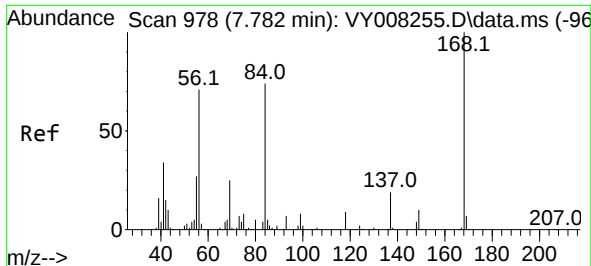
Tgt Ion: 83 Resp: 450552

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

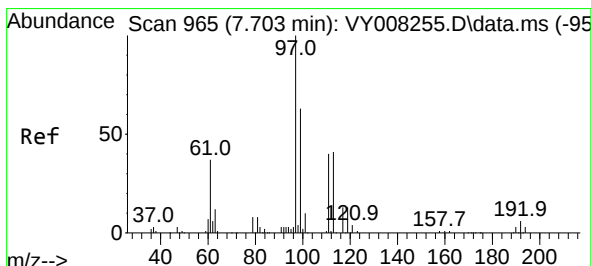
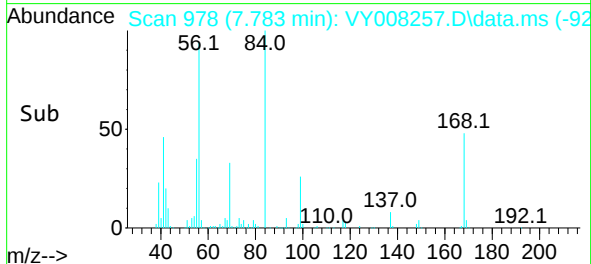
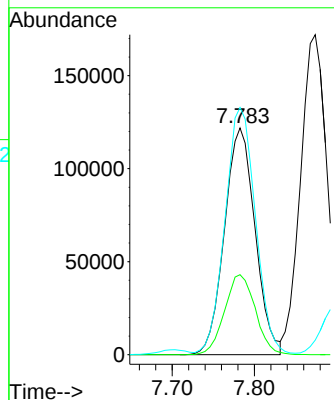
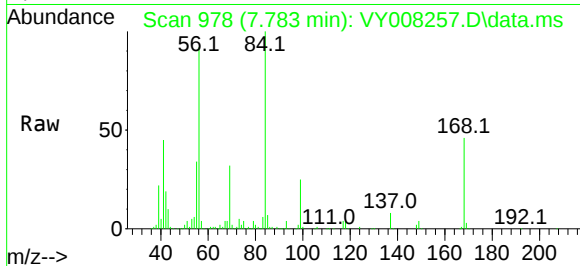




#31
Cyclohexane
Concen: 115.885 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

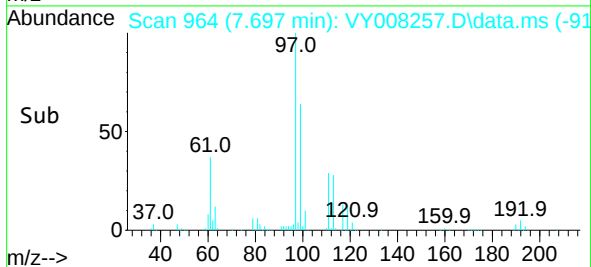
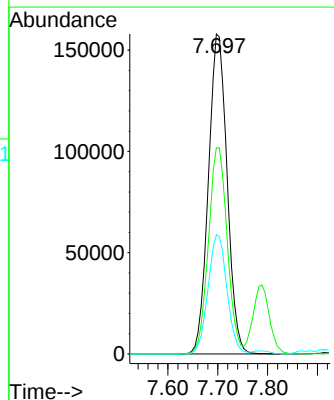
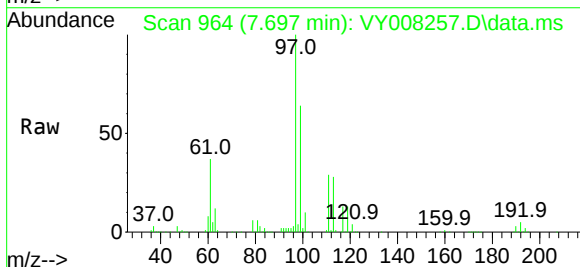
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

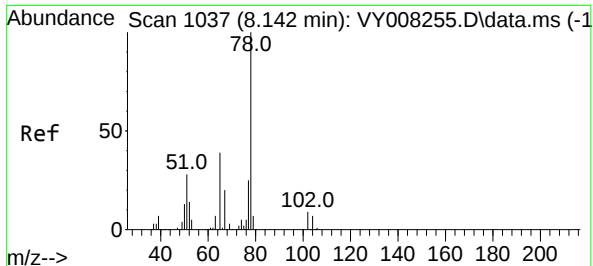
Tgt Ion: 56 Resp: 316313
Ion Ratio Lower Upper
56 100
69 35.3 26.7 40.1
84 107.2 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 140.991 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 97 Resp: 411562
Ion Ratio Lower Upper
97 100
99 65.0 50.7 76.1
61 37.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 128.820 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

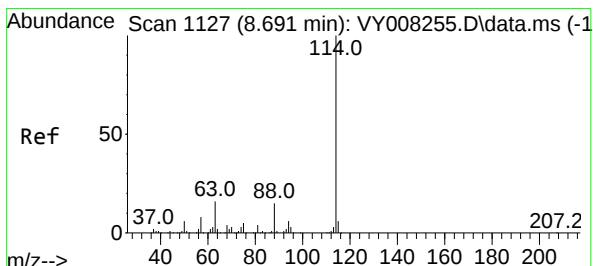
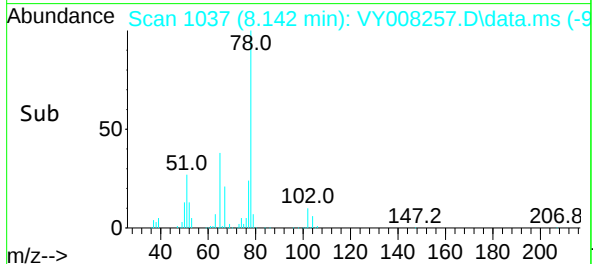
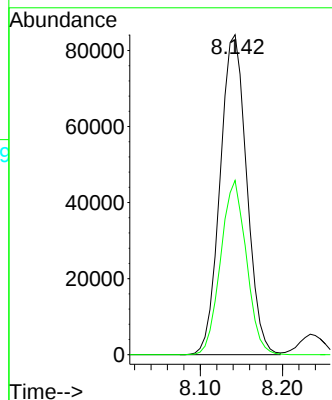
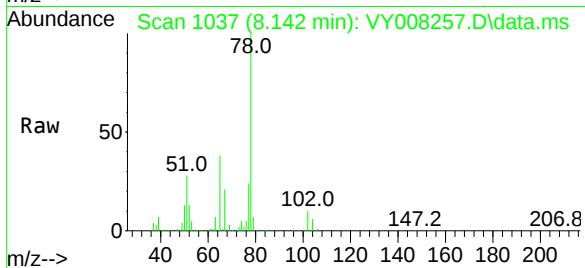
VSTDIC150

Tgt Ion: 65 Resp: 189039

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

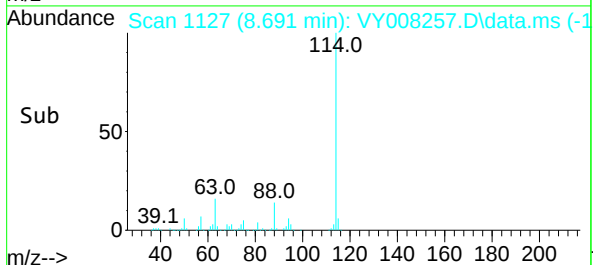
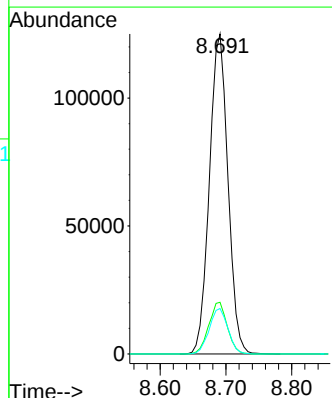
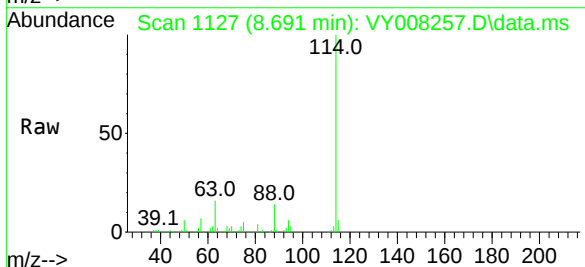
Tgt Ion: 114 Resp: 245276

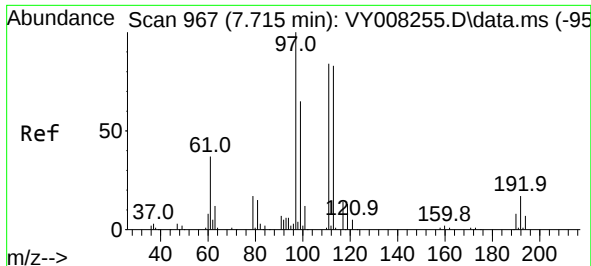
Ion Ratio Lower Upper

114 100

63 16.1 0.0 43.2

88 14.2 0.0 31.8

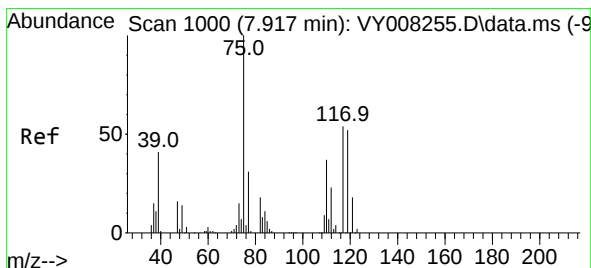
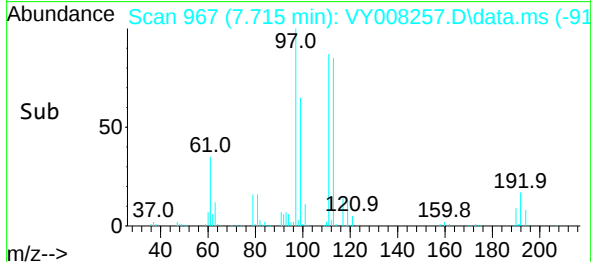
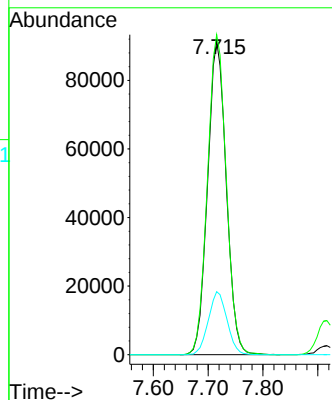
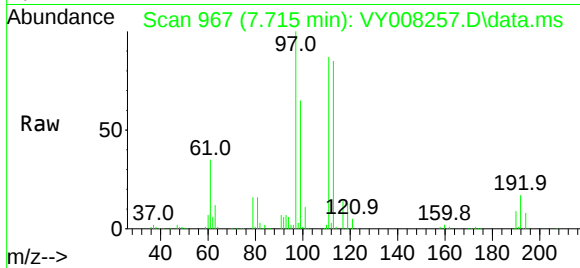




#35
 Dibromofluoromethane
 Concen: 144.283 ug/l
 RT: 7.715 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

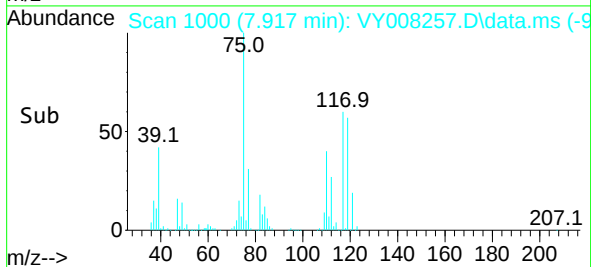
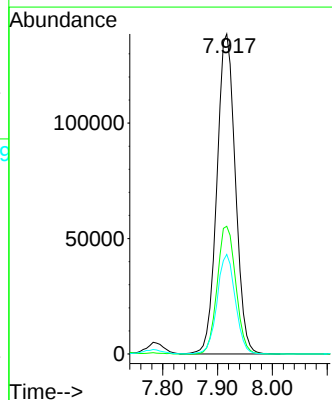
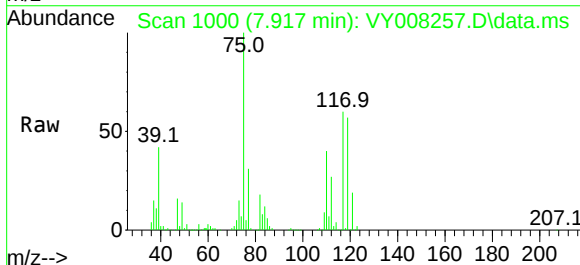
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

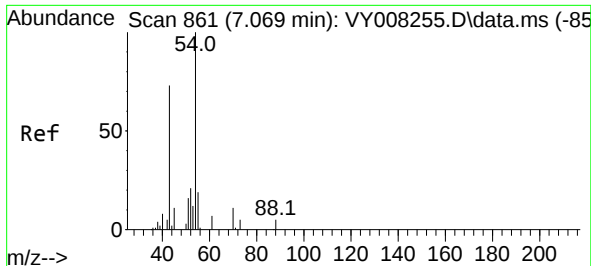
Tgt Ion:113 Resp: 215757
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.6 124.0
 192 20.1 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 138.647 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

Tgt Ion: 75 Resp: 324255
 Ion Ratio Lower Upper
 75 100
 110 40.1 17.1 51.2
 77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 135.668 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

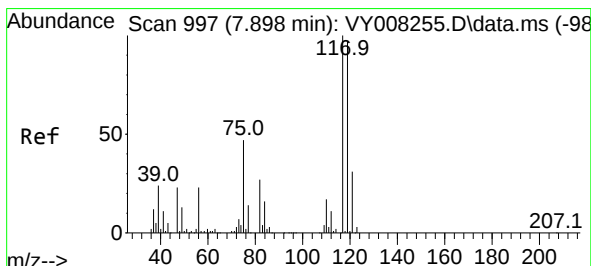
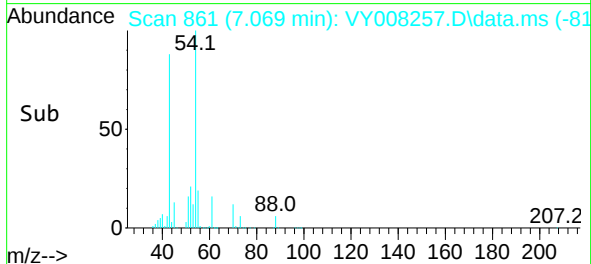
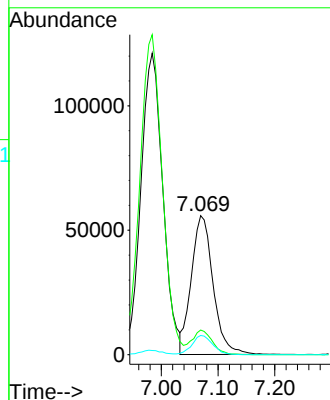
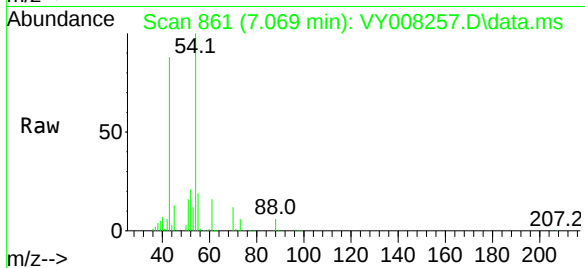
Tgt Ion: 43 Resp: 148885

Ion Ratio Lower Upper

43 100

61 16.9 9.7 14.5#

70 13.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 149.606 ug/l

RT: 7.898 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

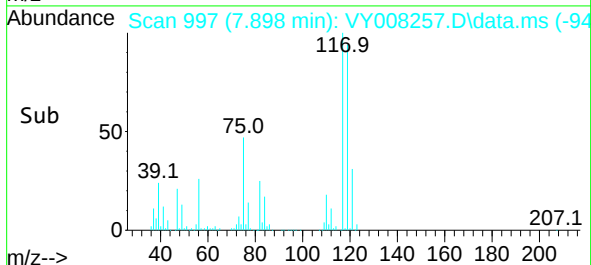
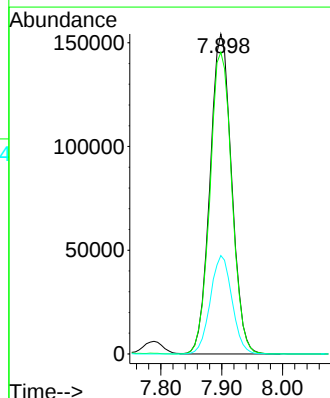
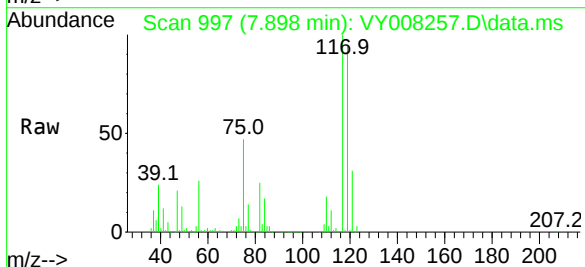
Tgt Ion: 117 Resp: 380943

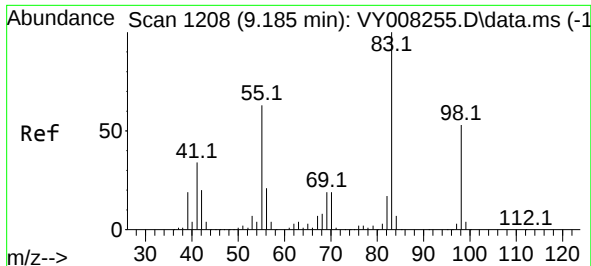
Ion Ratio Lower Upper

117 100

119 94.3 77.9 116.9

121 30.7 24.8 37.2

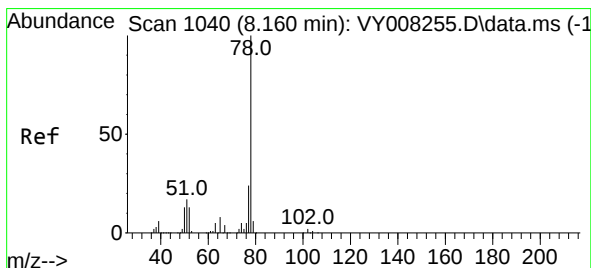
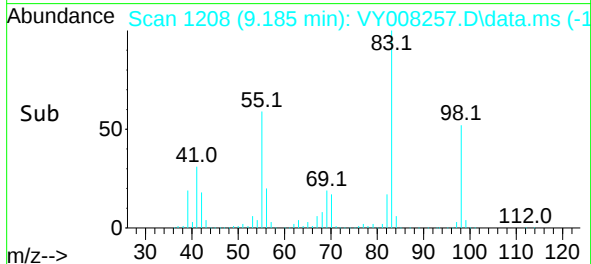
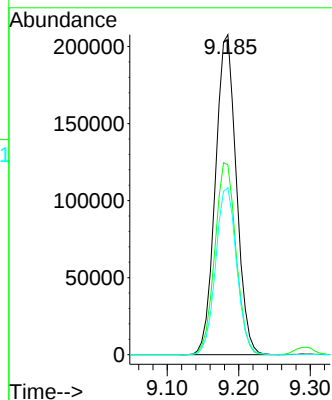
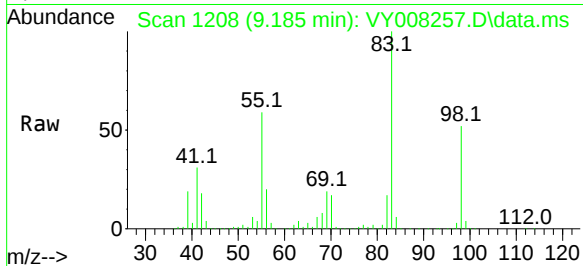




#39
Methylcyclohexane
Concen: 134.455 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

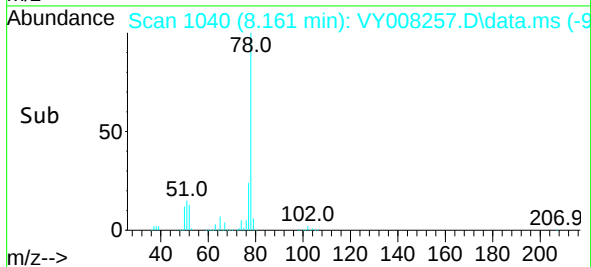
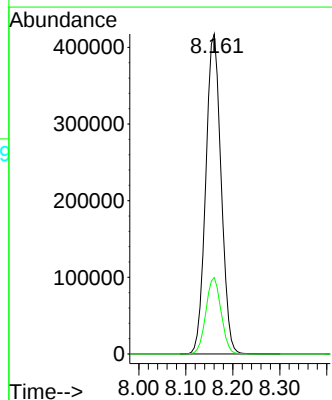
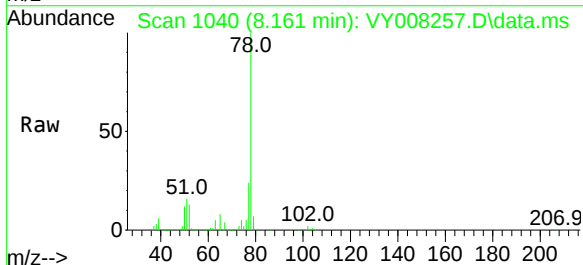
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

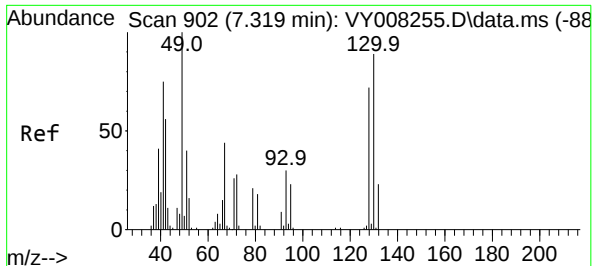
Tgt Ion: 83 Resp: 421987
Ion Ratio Lower Upper
83 100
55 59.3 66.5 99.7#
98 52.1 37.9 56.9



#40
Benzene
Concen: 140.220 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 78 Resp: 944057
Ion Ratio Lower Upper
78 100
77 23.9 20.4 30.6

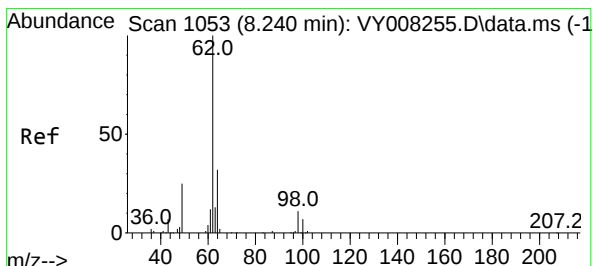
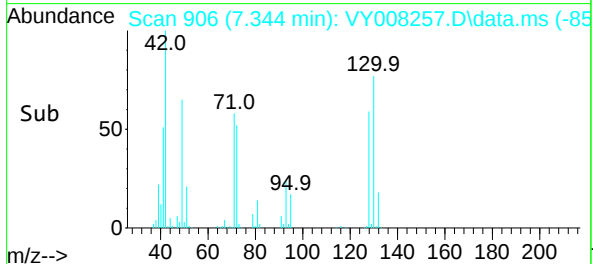
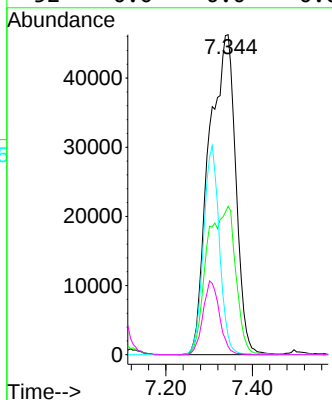
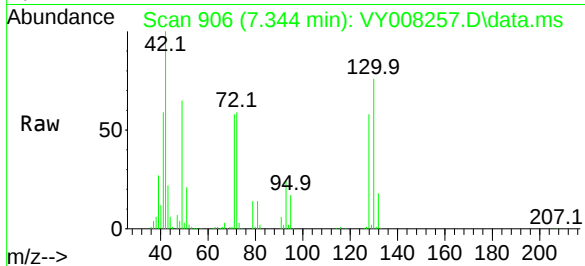




#41
Methacrylonitrile
Concen: 351.506 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.025 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

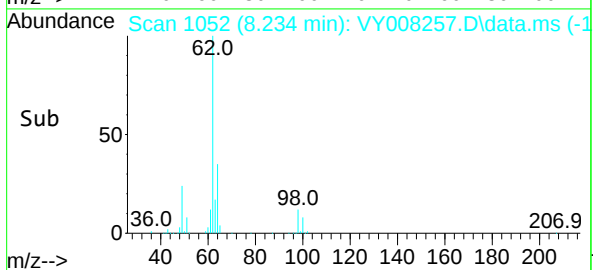
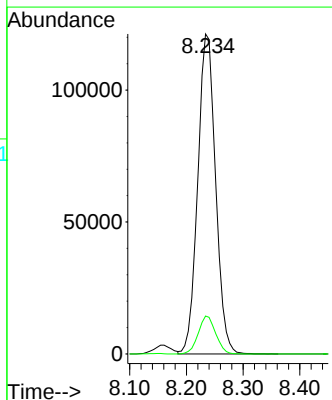
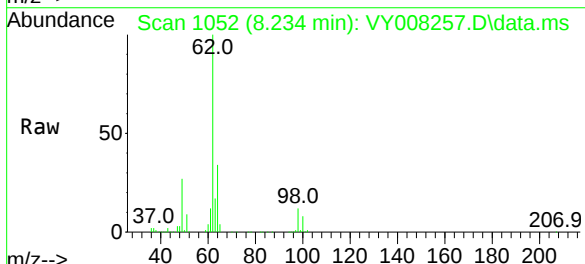
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

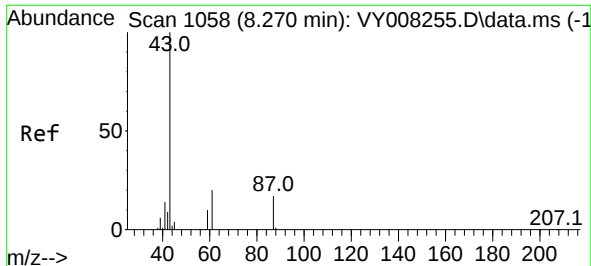
Tgt Ion: 41 Resp: 197834
Ion Ratio Lower Upper
41 100
39 49.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 139.698 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 62 Resp: 265171
Ion Ratio Lower Upper
62 100
98 11.6 0.0 14.8

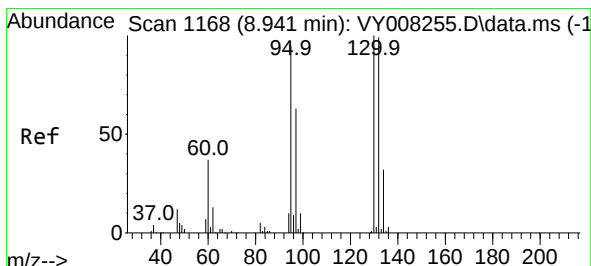
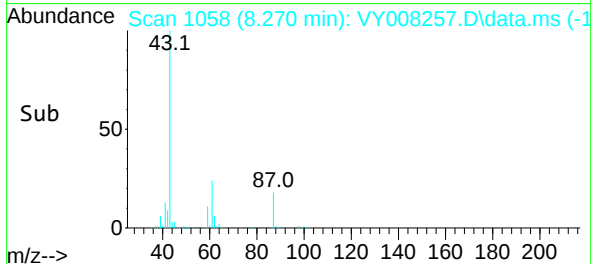
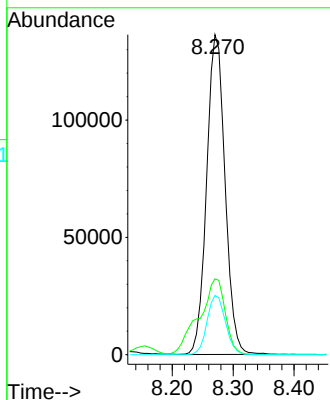
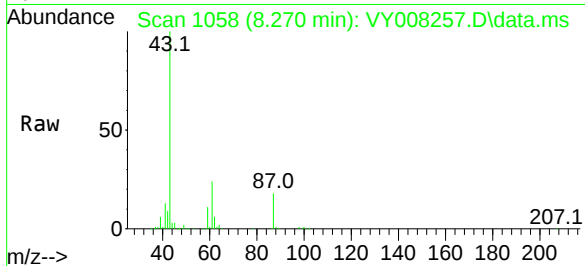




#43
Isopropyl Acetate
Concen: 133.297 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

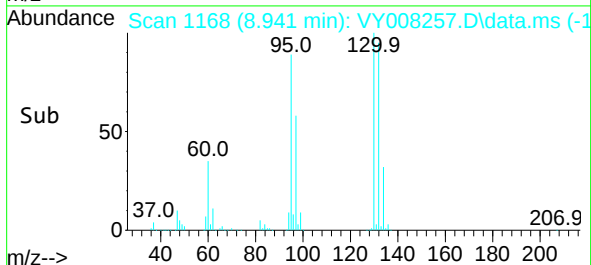
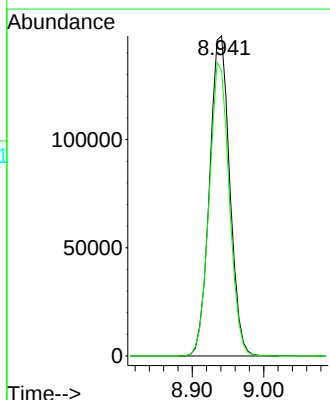
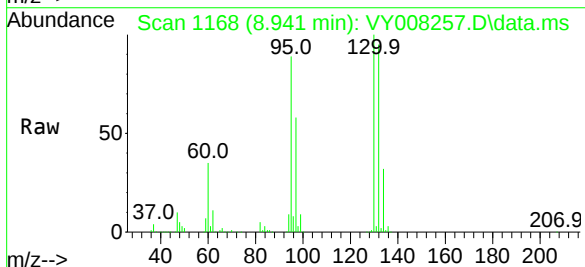
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

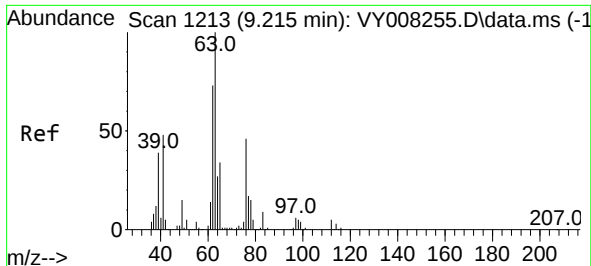
Tgt Ion: 43 Resp: 286002
Ion Ratio Lower Upper
43 100
61 34.0 20.2 30.2#
87 18.6 8.9 13.3#



#44
Trichloroethene
Concen: 148.782 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion:130 Resp: 289840
Ion Ratio Lower Upper
130 100
95 89.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 141.512 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

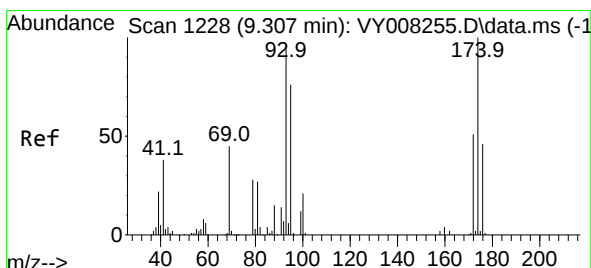
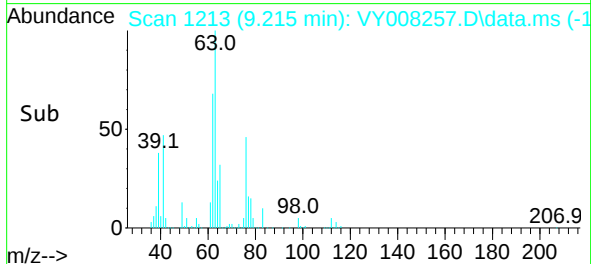
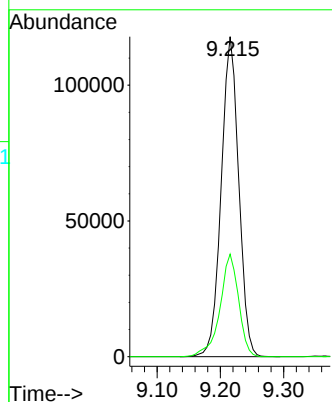
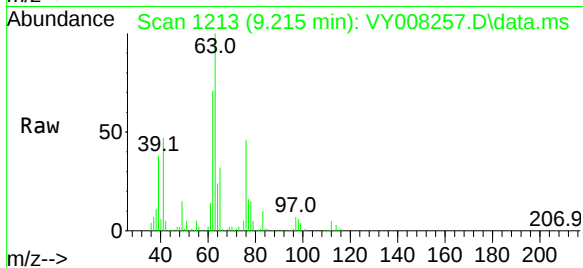
VSTDIC150

Tgt Ion: 63 Resp: 225886

Ion Ratio Lower Upper

63 100

65 32.1 23.0 34.6



#46

Dibromomethane

Concen: 145.883 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

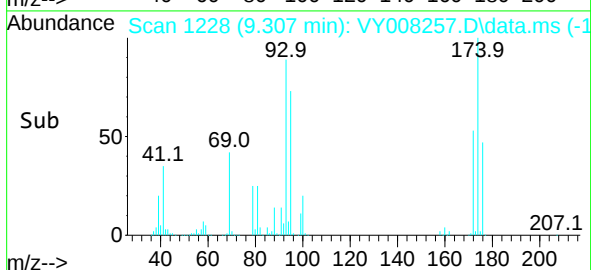
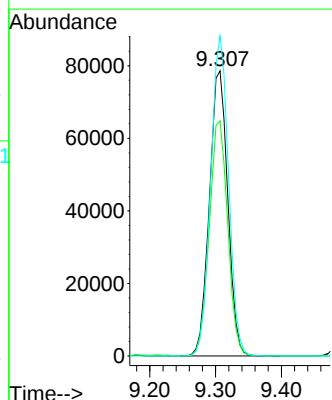
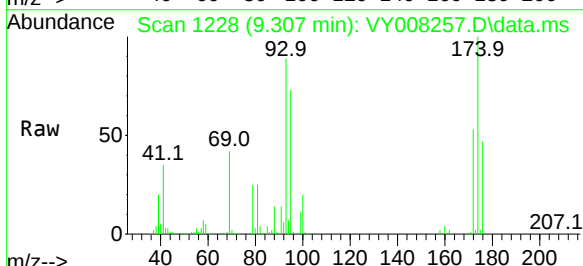
Tgt Ion: 93 Resp: 152959

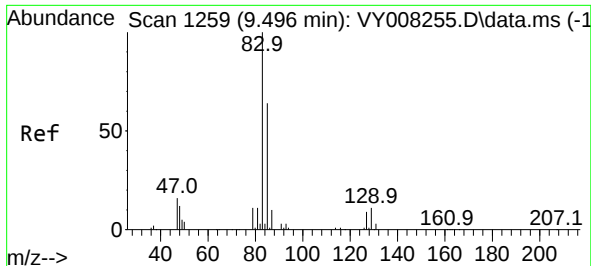
Ion Ratio Lower Upper

93 100

95 82.7 64.3 96.5

174 109.0 83.4 125.0

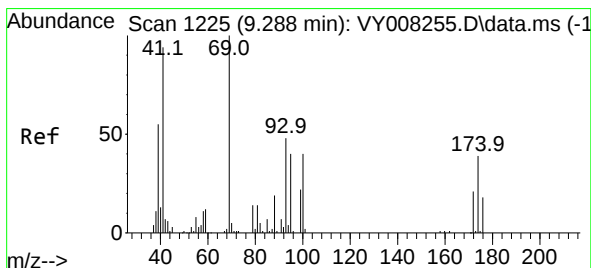
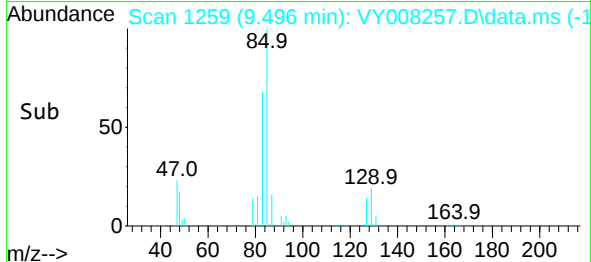
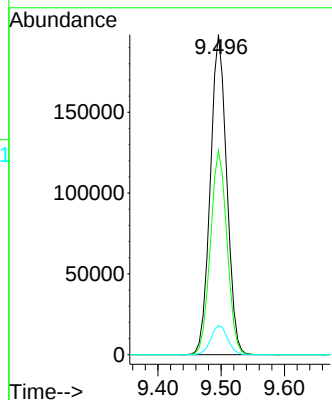
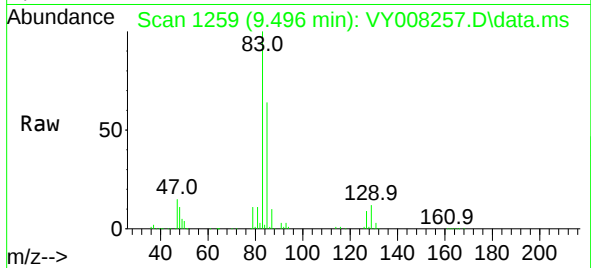




#47
Bromodichloromethane
Concen: 148.753 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

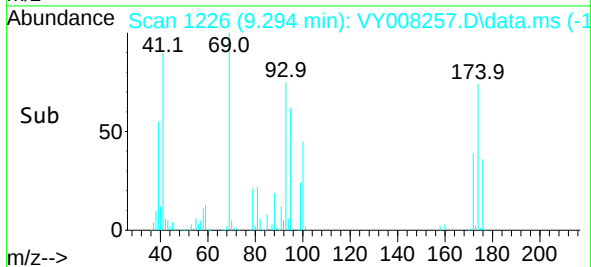
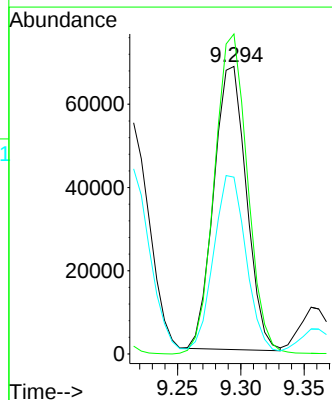
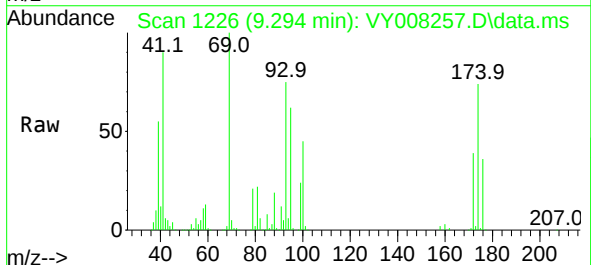
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

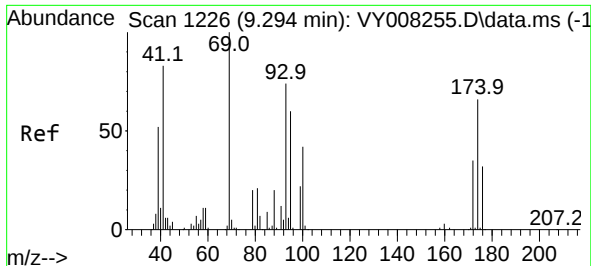
Tgt Ion: 83 Resp: 356644
Ion Ratio Lower Upper
83 100
85 63.8 51.9 77.9
127 9.1 6.6 10.0



#48
Methyl methacrylate
Concen: 129.742 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 41 Resp: 122013
Ion Ratio Lower Upper
41 100
69 114.5 58.2 87.2#
39 63.6 47.4 71.0





#49

1,4-Dioxane

Concen: 2846.255 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

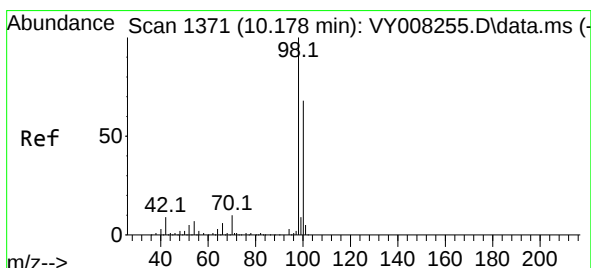
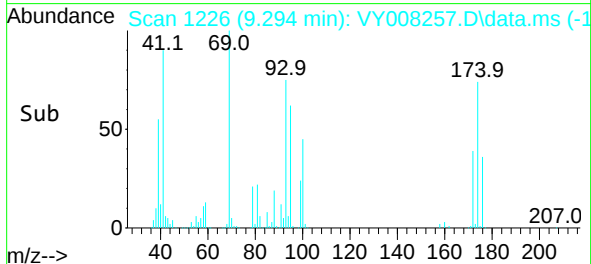
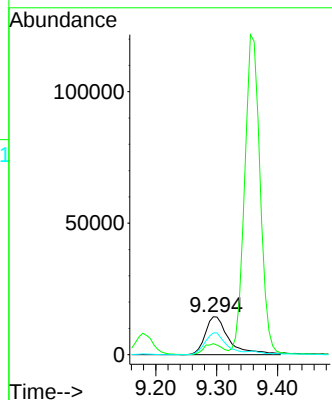
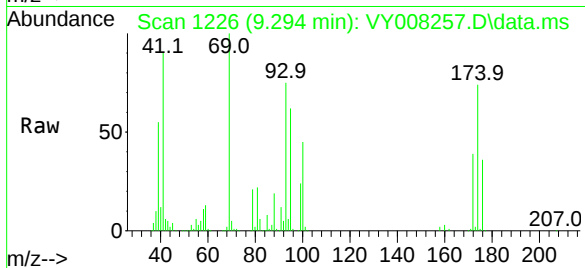
Tgt Ion: 88 Resp: 39350

Ion Ratio Lower Upper

88 100

43 22.1 32.8 49.2#

58 51.0 59.8 89.6#



#50

Toluene-d8

Concen: 133.066 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008257.D

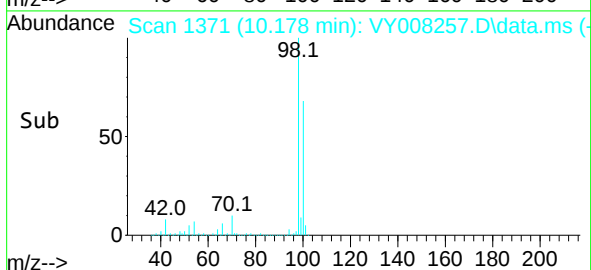
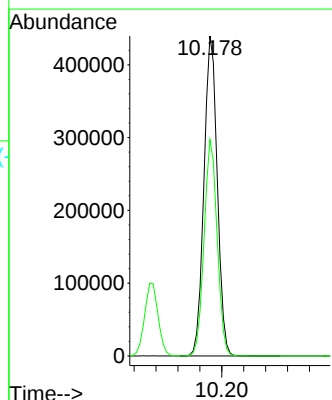
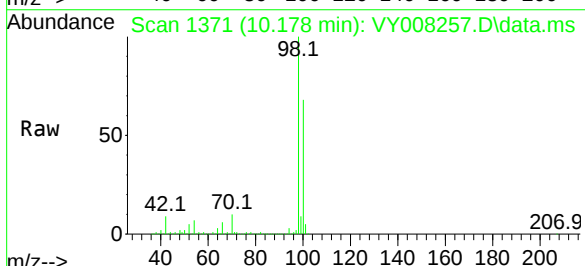
Acq: 08 Apr 2022 13:20

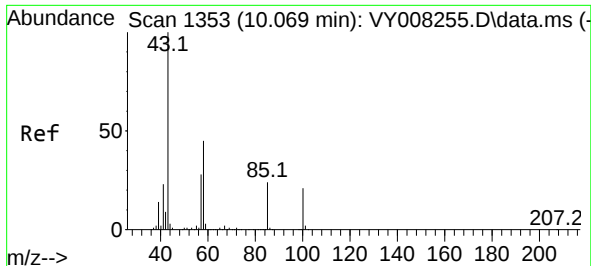
Tgt Ion: 98 Resp: 738423

Ion Ratio Lower Upper

98 100

100 66.5 50.2 75.2

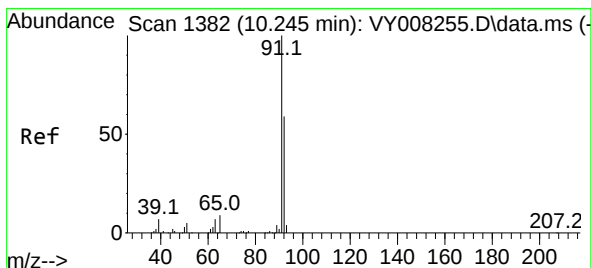
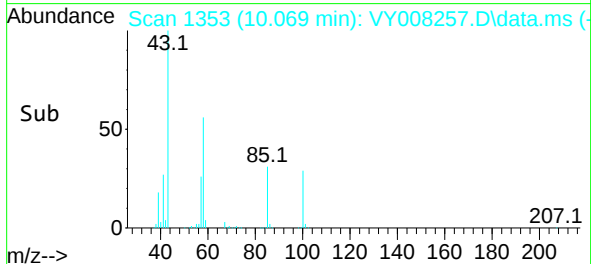
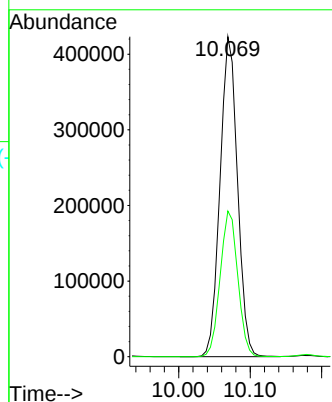
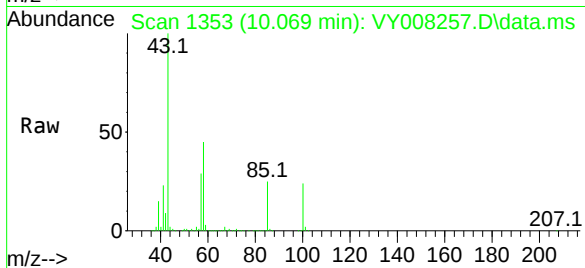




#51
4-Methyl-2-Pentanone
Concen: 663.313 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

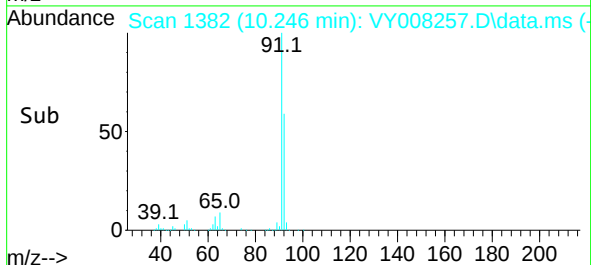
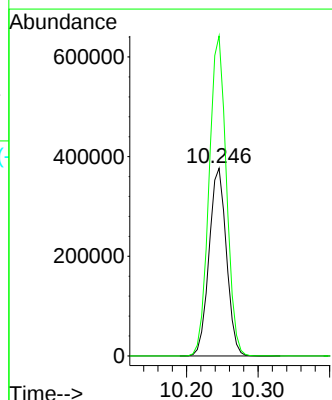
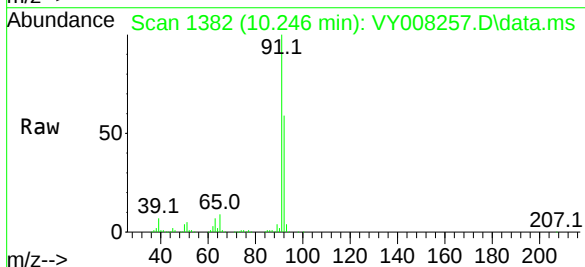
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

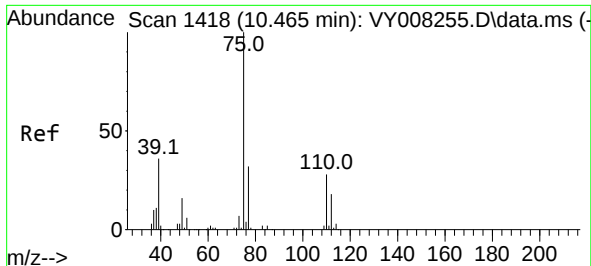
Tgt Ion: 43 Resp: 717345
Ion Ratio Lower Upper
43 100
58 45.9 28.1 42.1#



#52
Toluene
Concen: 143.704 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 92 Resp: 633408
Ion Ratio Lower Upper
92 100
91 170.4 142.6 213.8

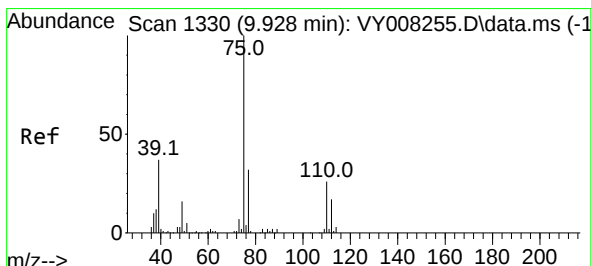
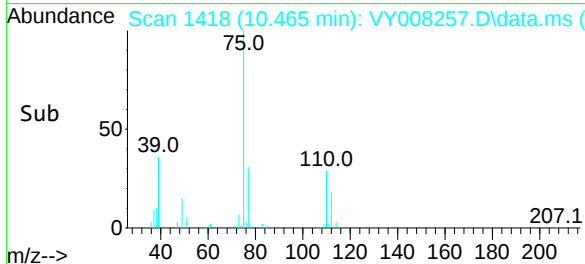
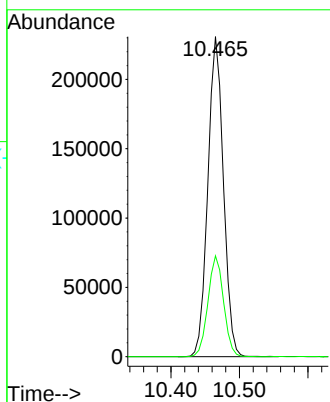
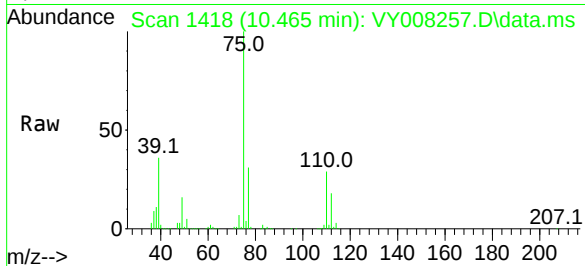




#53
 t-1,3-Dichloropropene
 Concen: 148.826 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

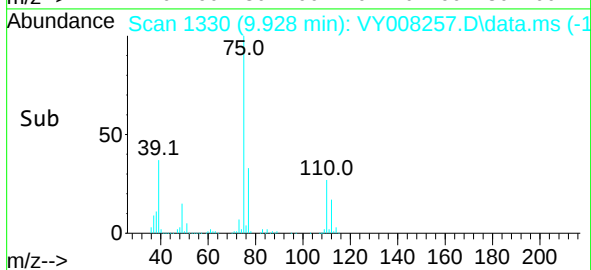
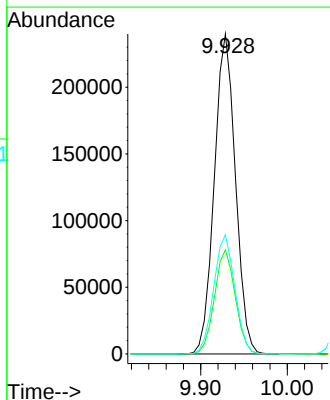
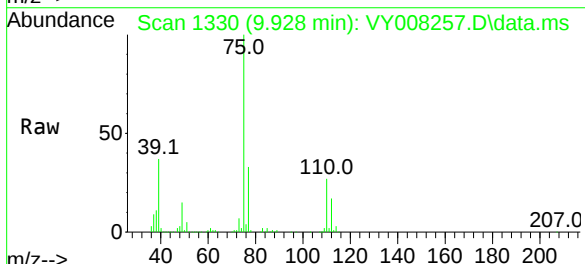
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

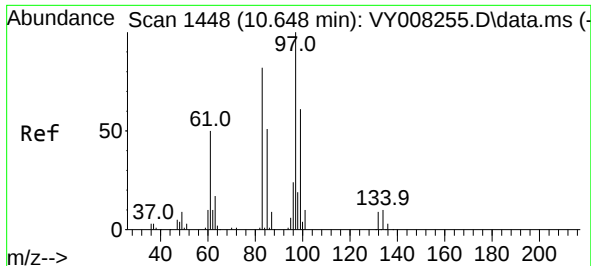
Tgt Ion: 75 Resp: 364400
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 146.237 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

Tgt Ion: 75 Resp: 405988
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.6 38.4
 39 37.3 47.6 71.4#



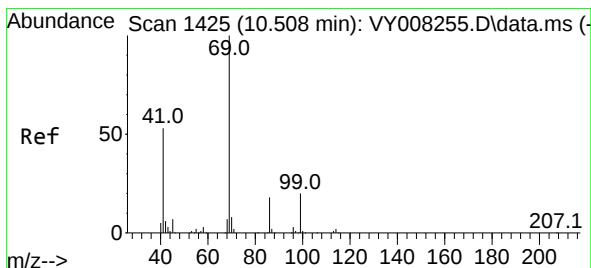
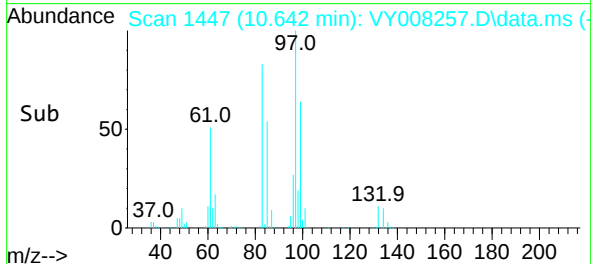
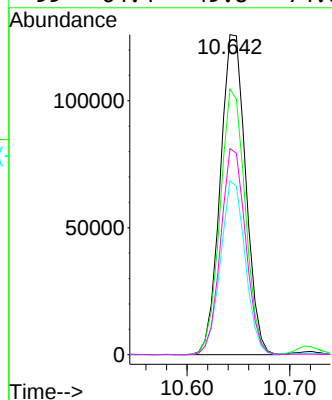
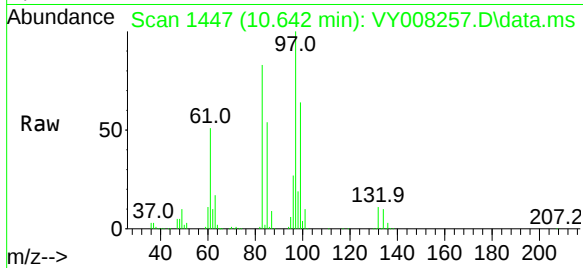


#55
1,1,2-Trichloroethane
Concen: 149.250 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 216757

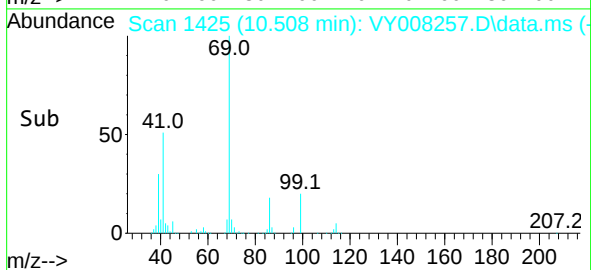
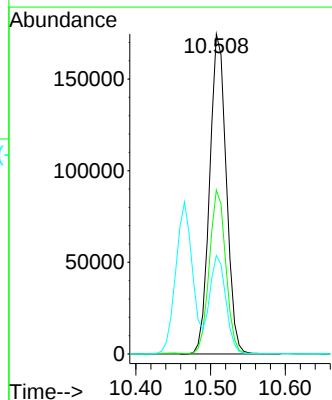
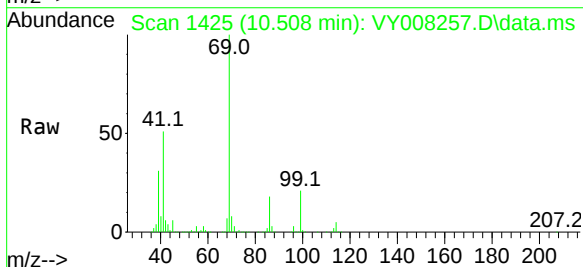
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.8	104.8
85	54.3	44.3	66.5
99	64.4	49.8	74.6

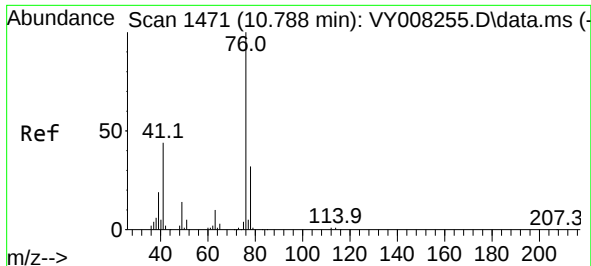


#56
Ethyl methacrylate
Concen: 144.619 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 69 Resp: 270019

Ion	Ratio	Lower	Upper
69	100		
41	50.5	63.4	95.0#
39	29.6	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 143.897 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

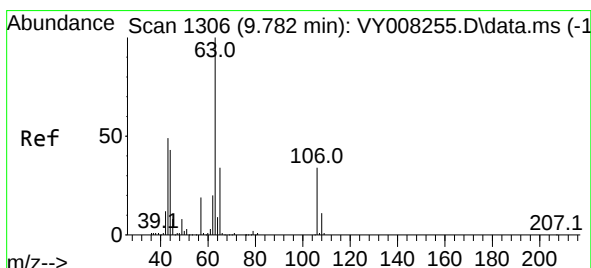
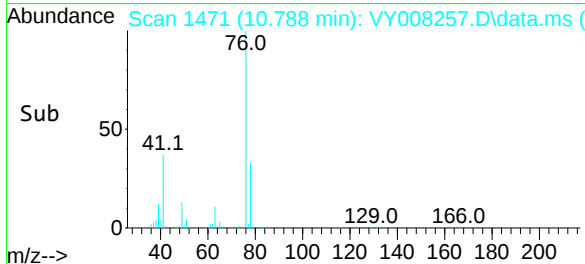
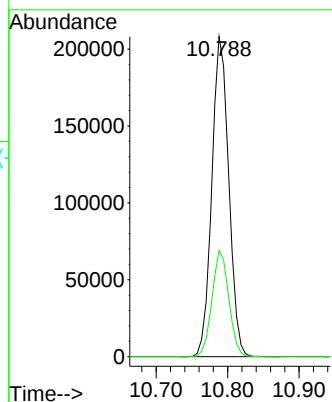
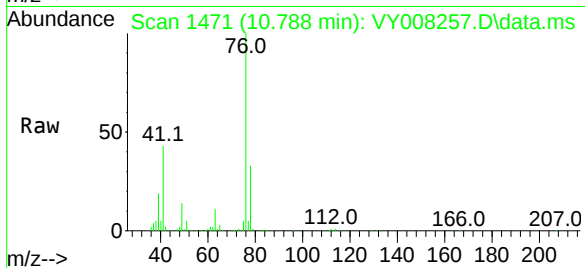
VSTDIC150

Tgt Ion: 76 Resp: 341455

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 647.245 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008257.D

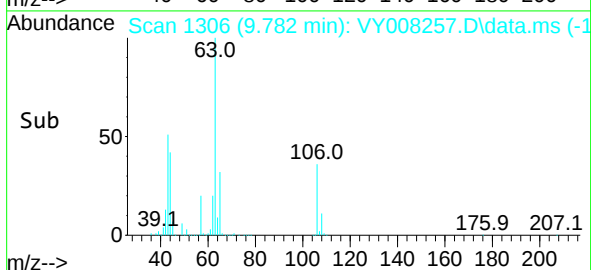
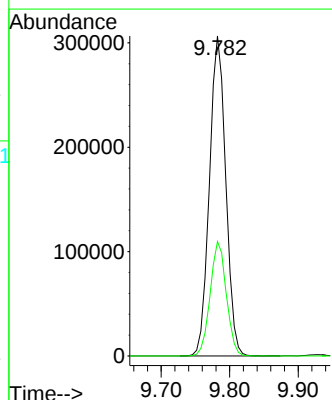
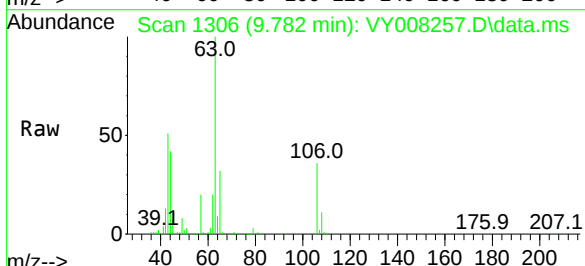
Acq: 08 Apr 2022 13:20

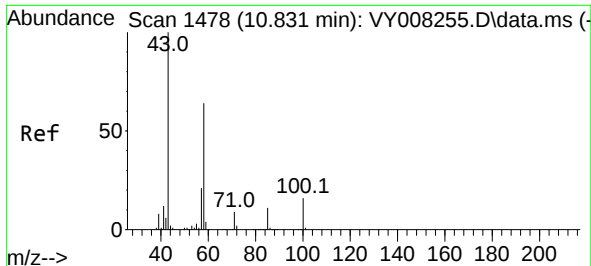
Tgt Ion: 63 Resp: 506844

Ion Ratio Lower Upper

63 100

106 35.4 21.5 32.3#

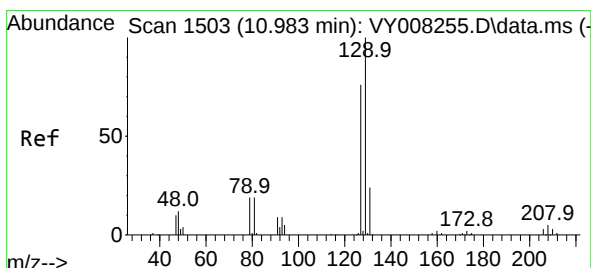
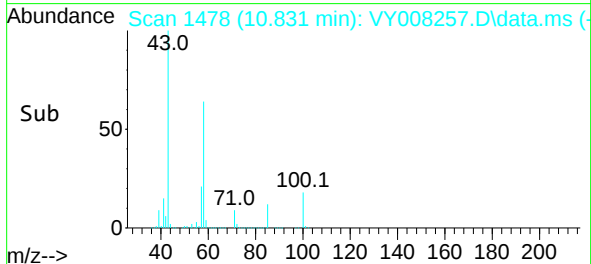
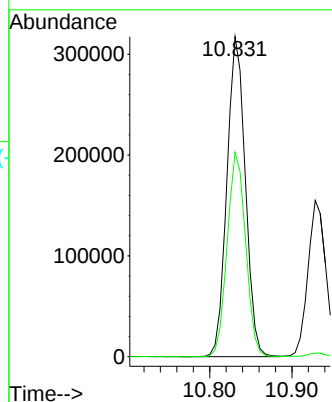
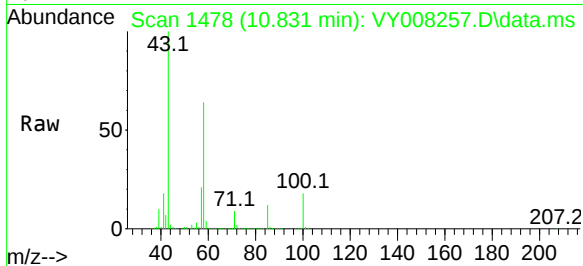




#59
2-Hexanone
Concen: 657.789 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

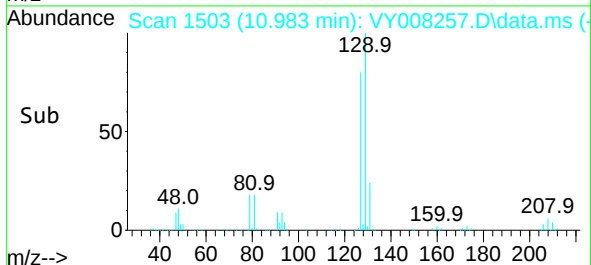
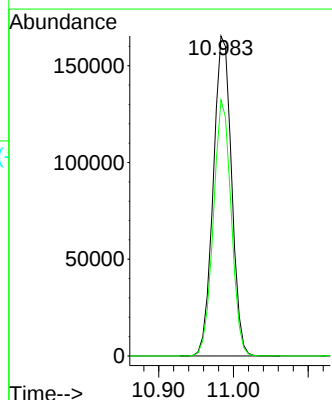
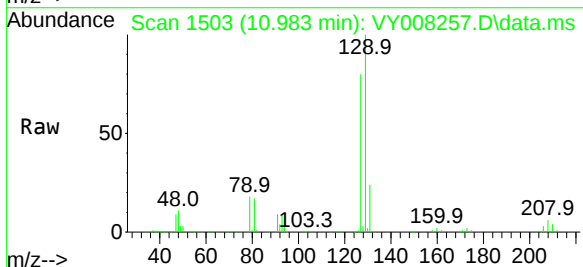
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

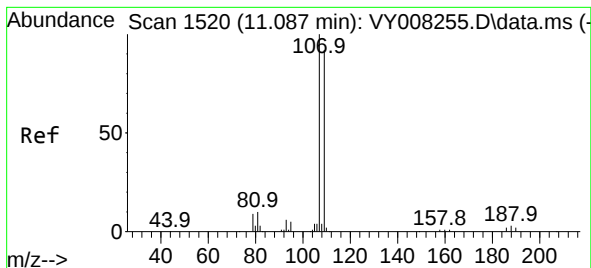
Tgt Ion: 43 Resp: 495357
Ion Ratio Lower Upper
43 100
58 64.0 24.4 73.4



#60
Dibromochloromethane
Concen: 159.124 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 129 Resp: 280189
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

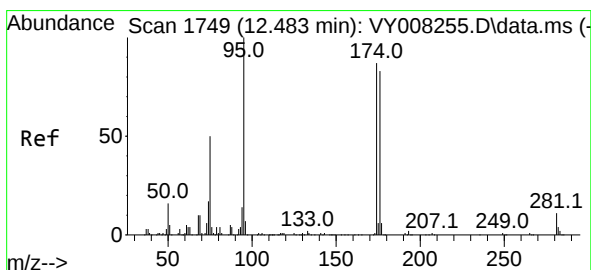
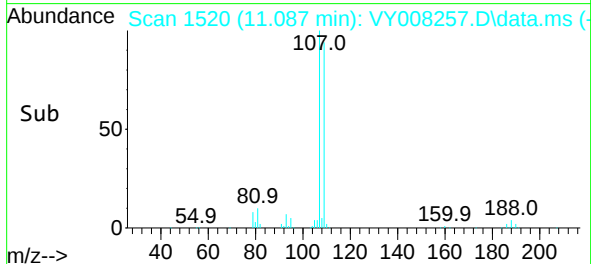
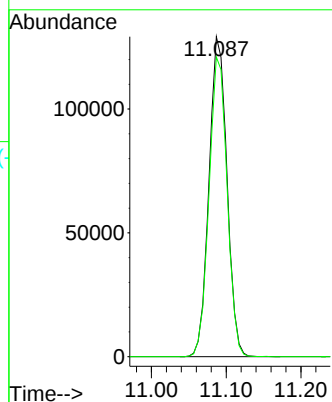
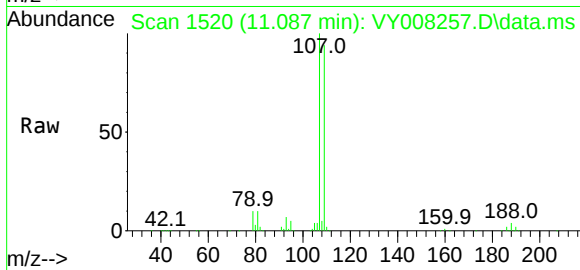




#61
1,2-Dibromoethane
Concen: 149.970 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

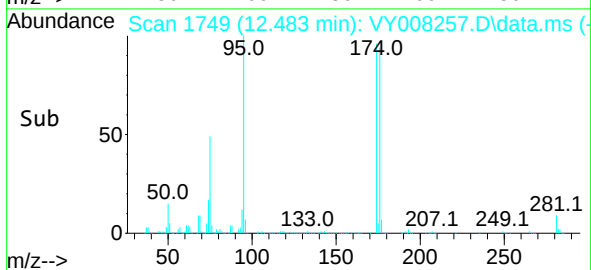
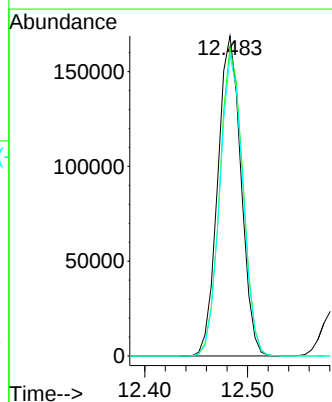
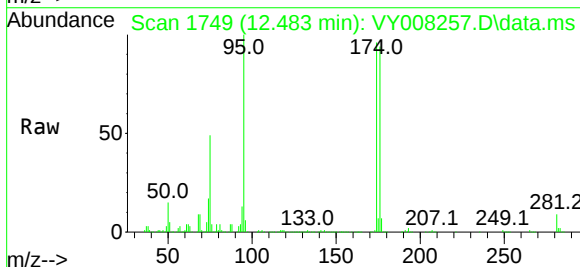
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

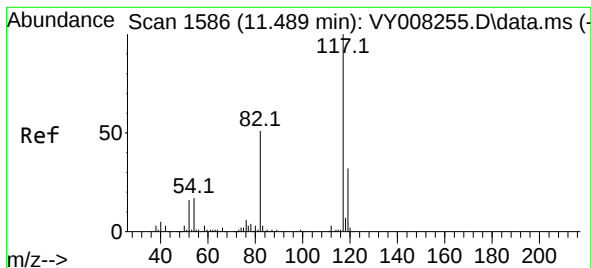
Tgt Ion:107 Resp: 215905
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 134.678 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 95 Resp: 264676
Ion Ratio Lower Upper
95 100
174 95.9 0.0 177.0
176 93.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

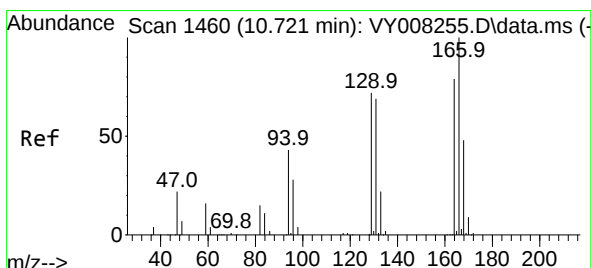
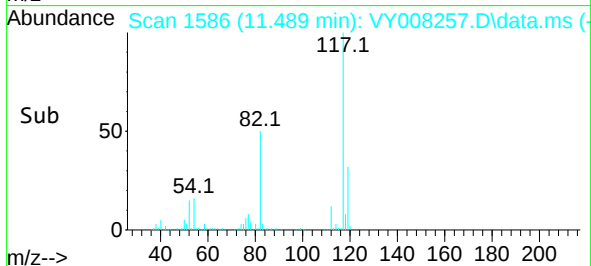
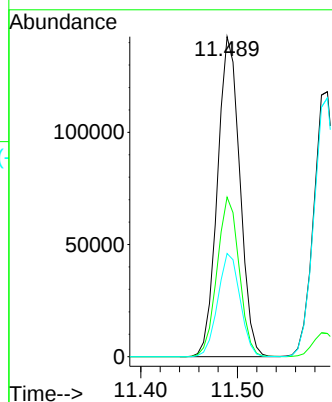
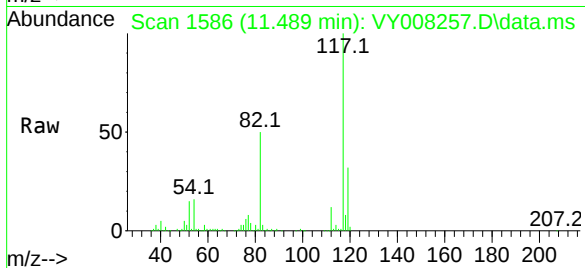
Tgt Ion:117 Resp: 229076

Ion Ratio Lower Upper

117 100

82 49.8 43.0 64.4

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 144.478 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Tgt Ion:164 Resp: 247434

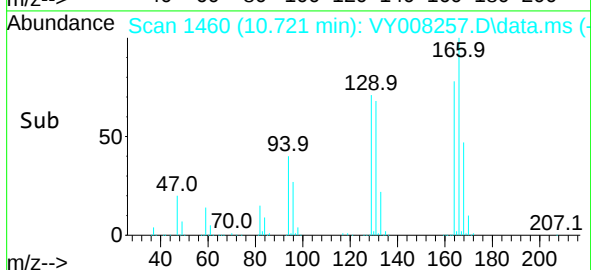
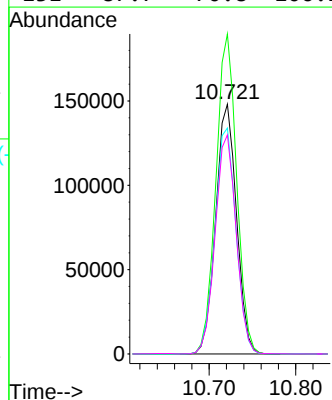
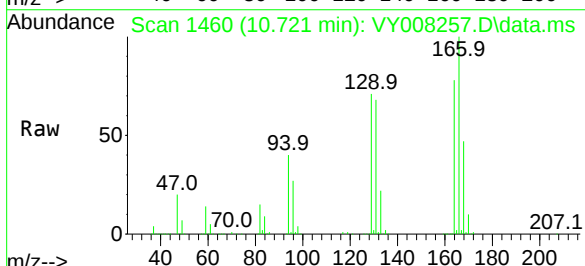
Ion Ratio Lower Upper

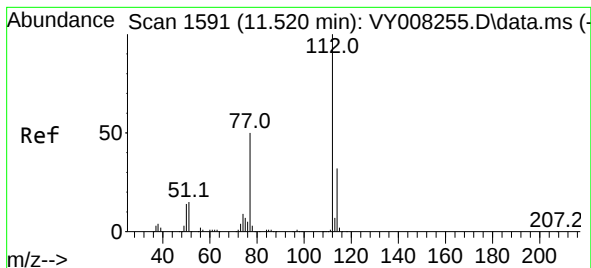
164 100

166 128.1 100.4 150.6

129 90.4 71.4 107.0

131 87.7 70.8 106.2





#65

Chlorobenzene

Concen: 144.565 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

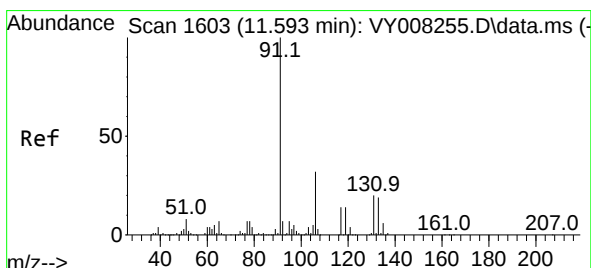
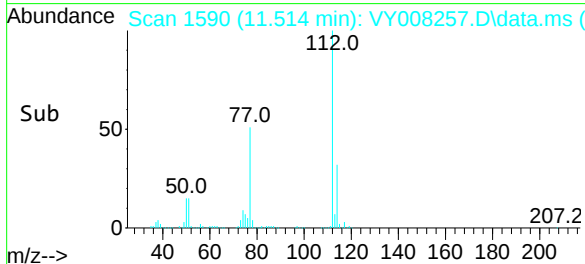
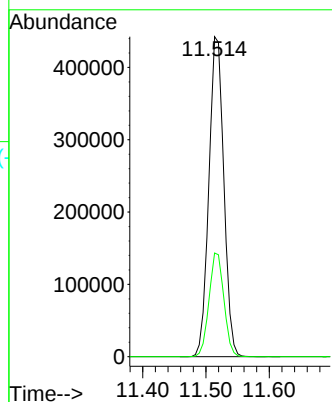
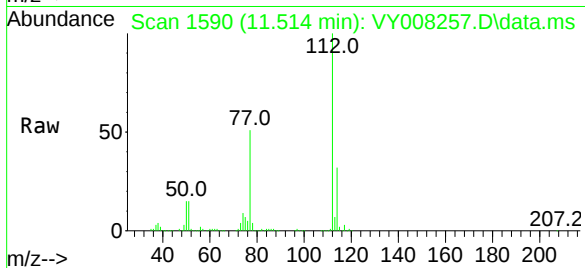
VSTDIC150

Tgt Ion:112 Resp: 727376

Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 156.829 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

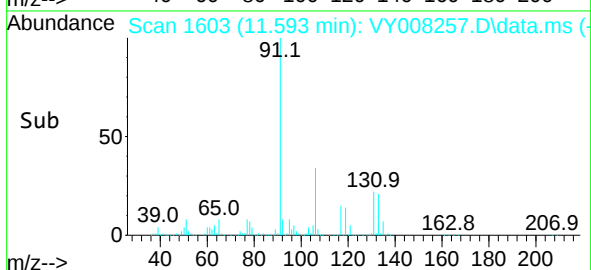
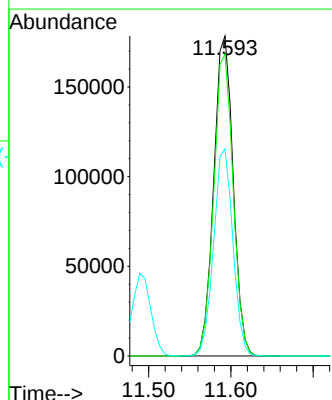
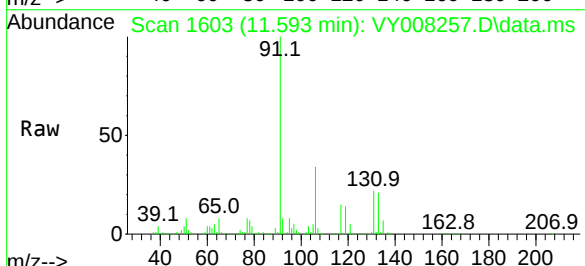
Tgt Ion:131 Resp: 292140

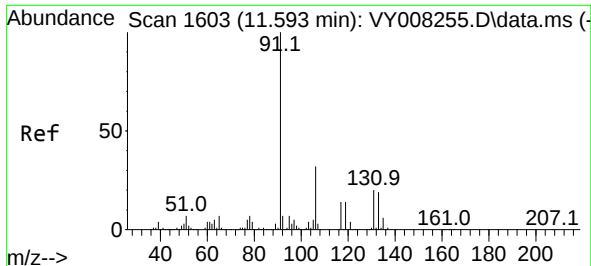
Ion Ratio Lower Upper

131 100

133 94.5 47.9 143.6

119 64.4 30.8 92.3





#67

Ethyl Benzene

Concen: 140.148 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

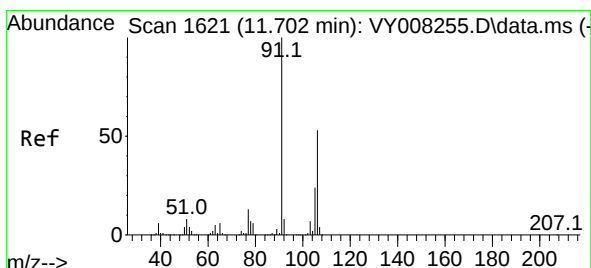
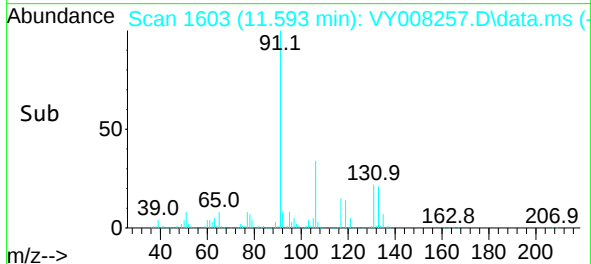
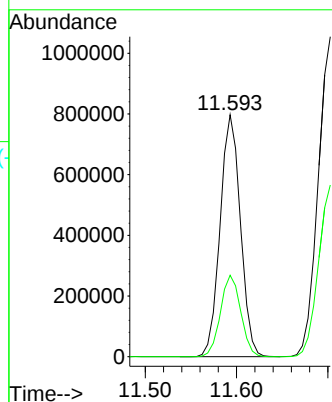
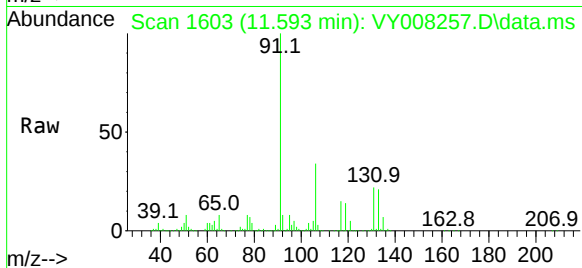
VSTDIC150

Tgt Ion: 91 Resp: 1231566

Ion Ratio Lower Upper

91 100

106 33.7 24.5 36.7



#68

m/p-Xylenes

Concen: 290.920 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008257.D

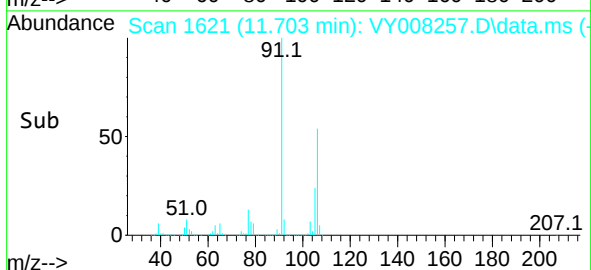
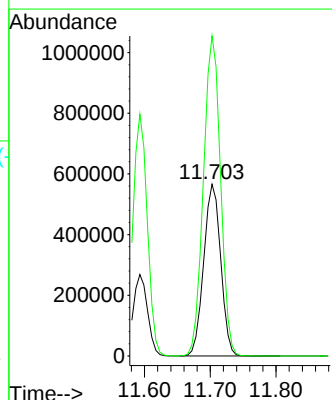
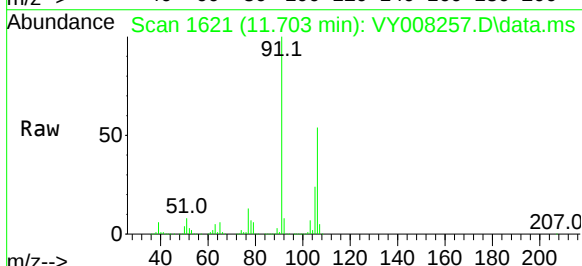
Acq: 08 Apr 2022 13:20

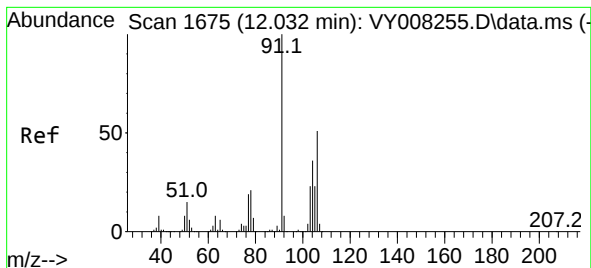
Tgt Ion:106 Resp: 1014978

Ion Ratio Lower Upper

106 100

91 187.2 166.6 249.8





#69

o-Xylene

Concen: 146.299 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

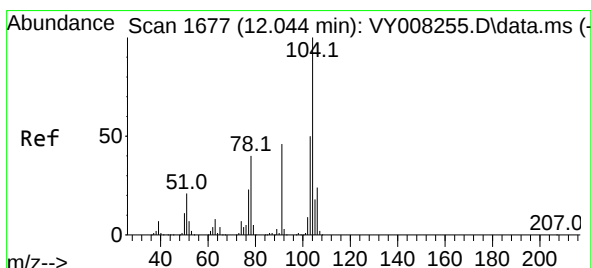
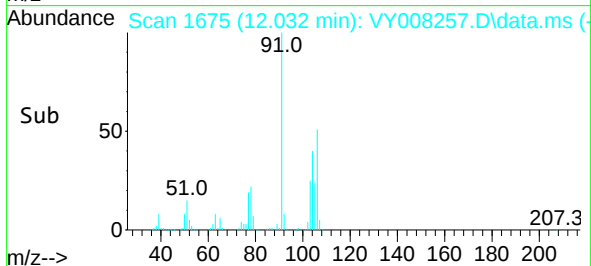
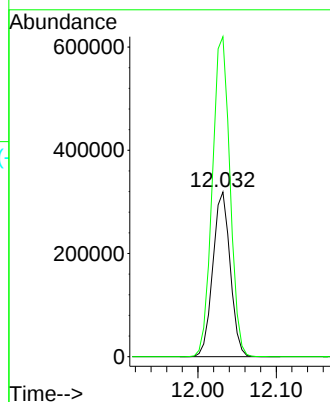
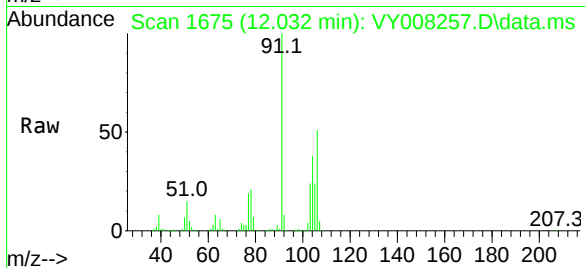
VSTDIC150

Tgt Ion:106 Resp: 490303

Ion Ratio Lower Upper

106 100

91 198.0 110.3 331.0



#70

Styrene

Concen: 148.840 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

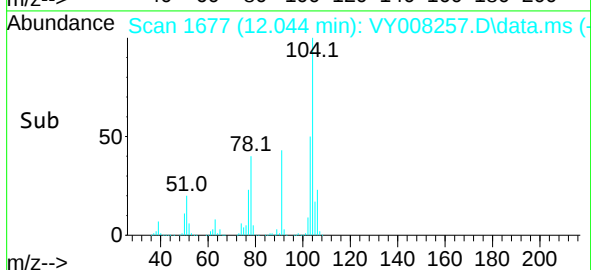
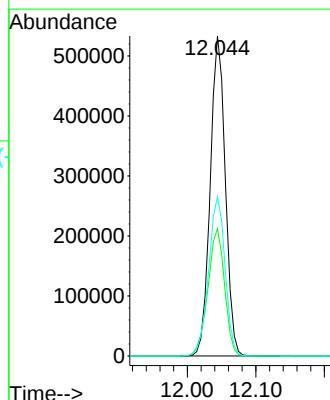
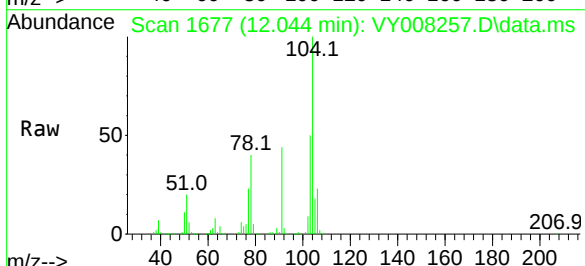
Tgt Ion:104 Resp: 816391

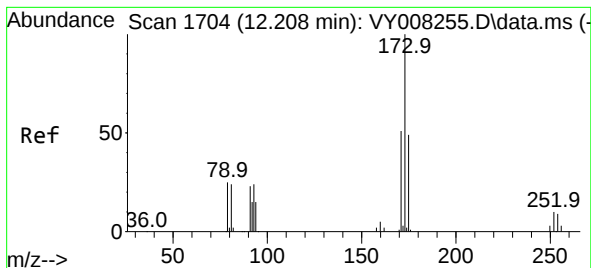
Ion Ratio Lower Upper

104 100

78 43.9 42.4 63.6

103 54.2 44.4 66.6





#71

Bromoform

Concen: 164.744 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

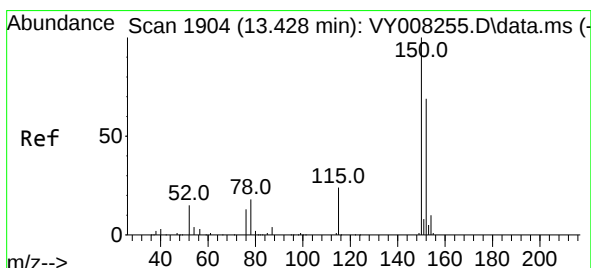
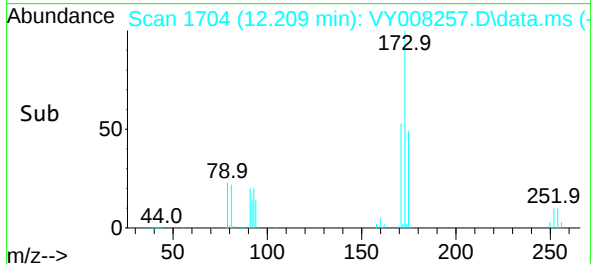
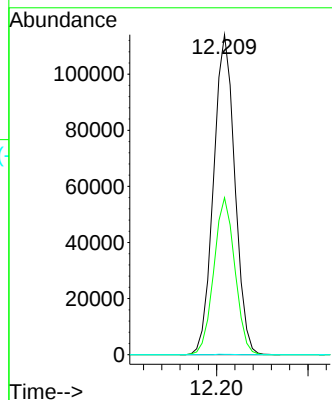
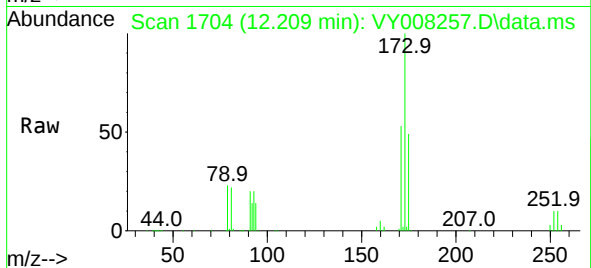
Tgt Ion:173 Resp: 184157

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

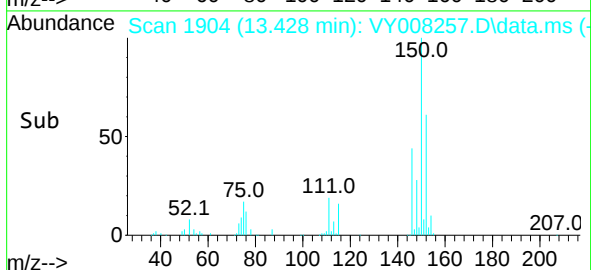
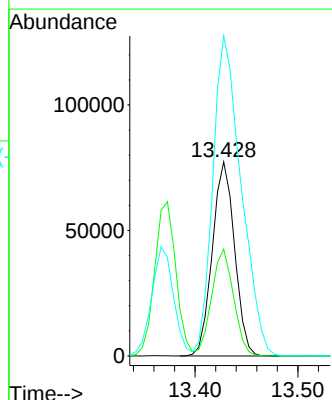
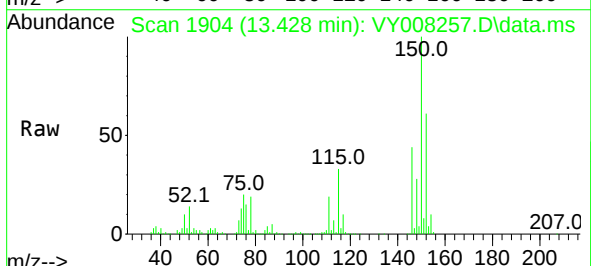
Tgt Ion:152 Resp: 116192

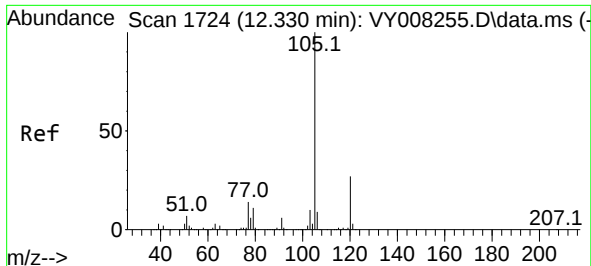
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 210.2 0.0 347.6

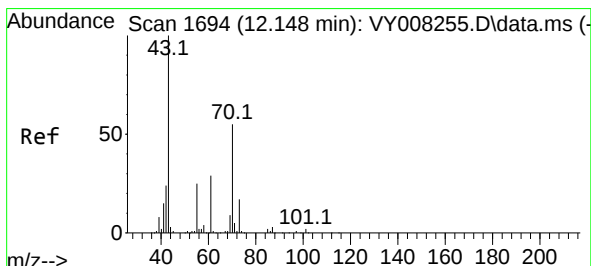
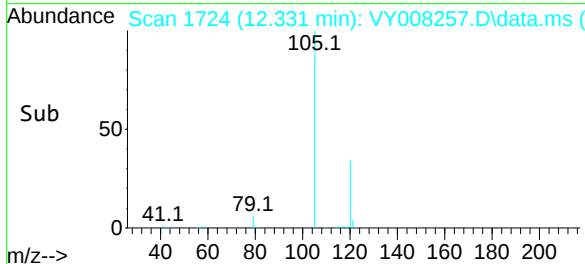
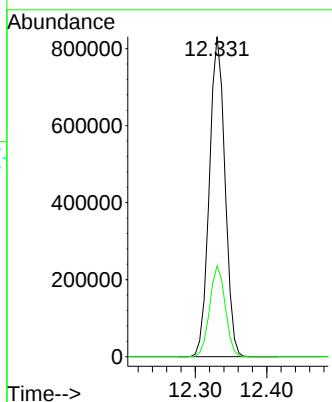
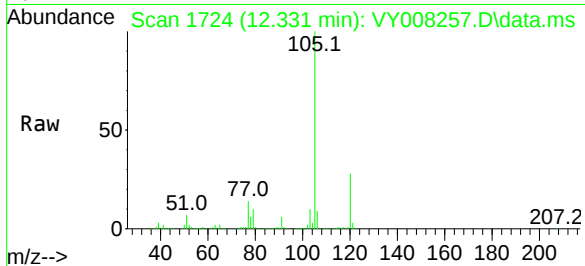




#73
Isopropylbenzene
Concen: 135.394 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

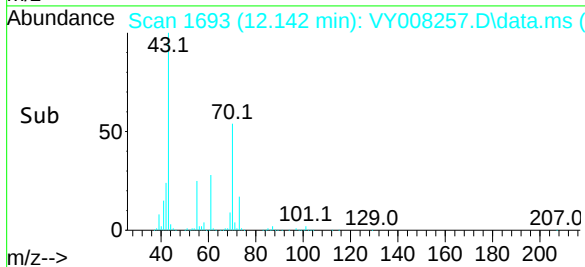
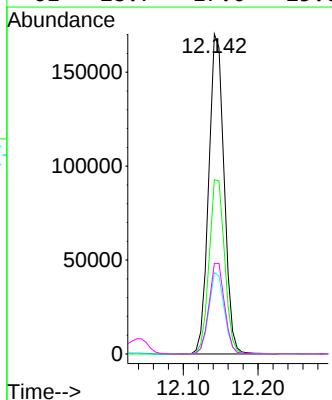
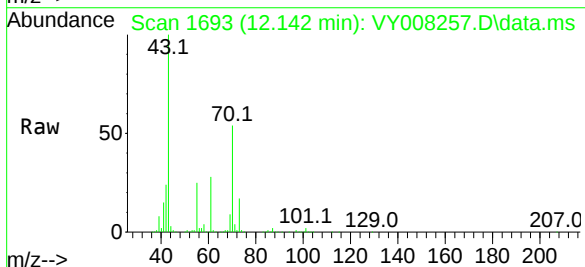
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

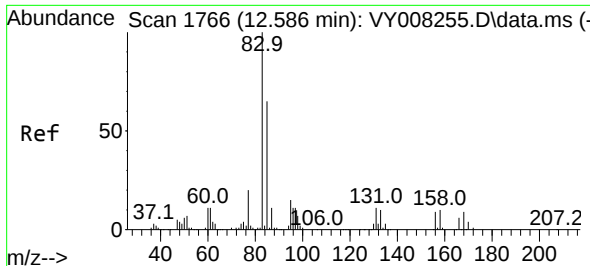
Tgt Ion:105 Resp: 1260470
Ion Ratio Lower Upper
105 100
120 28.2 13.4 40.2



#74
N-ethyl acetate
Concen: 119.904 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 43 Resp: 243892
Ion Ratio Lower Upper
43 100
70 55.0 28.7 43.1#
55 25.6 17.3 25.9
61 28.7 17.0 25.6#

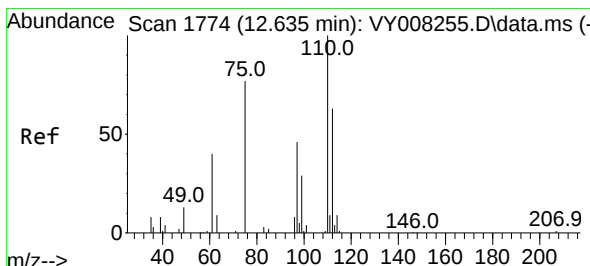
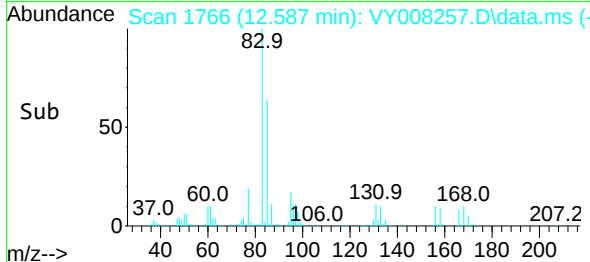
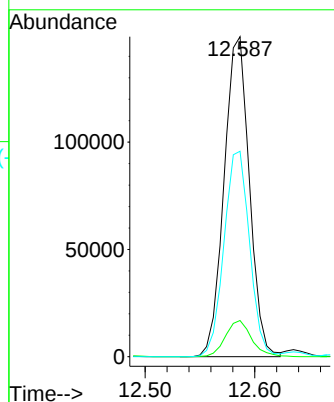
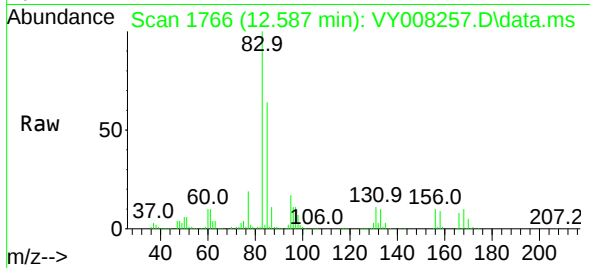




#75
 1,1,2,2-Tetrachloroethane
 Concen: 131.387 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

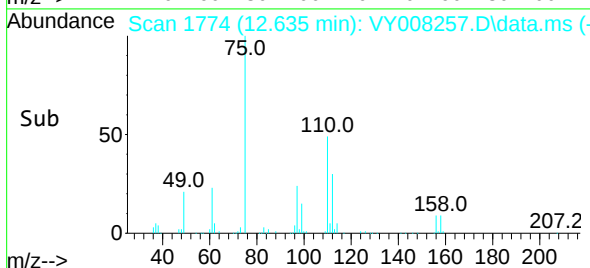
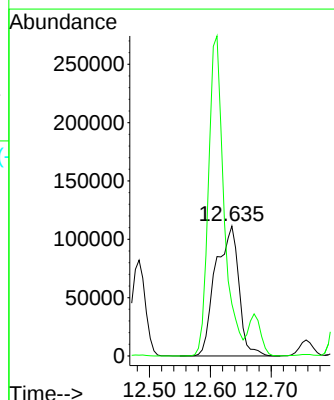
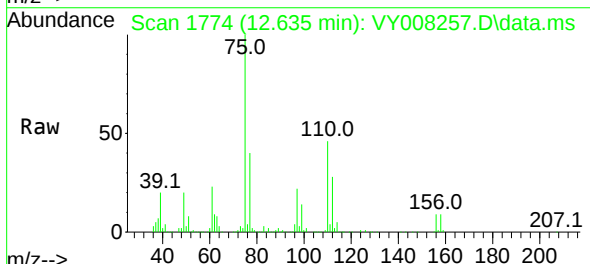
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

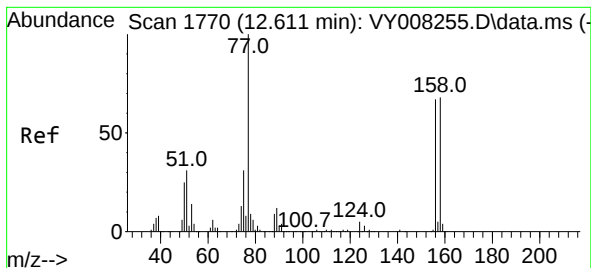
Tgt Ion: 83 Resp: 239178
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.6 16.8
 85 65.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 211.974 ug/l
 RT: 12.635 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

Tgt Ion: 75 Resp: 295925
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 150.603 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

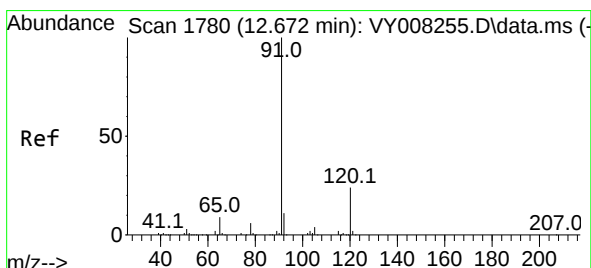
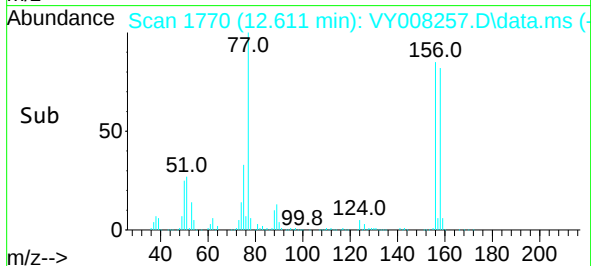
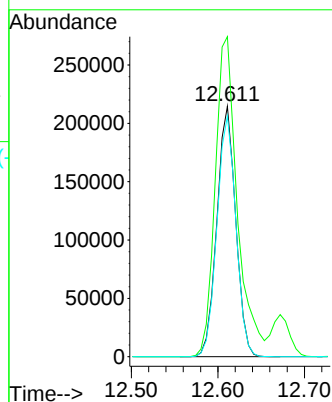
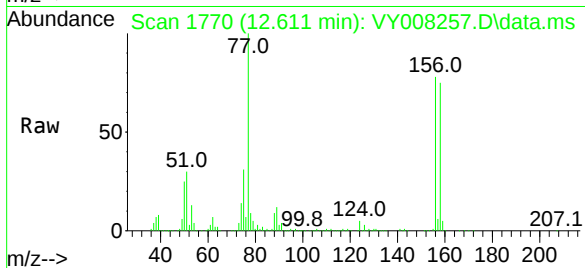
Tgt Ion:156 Resp: 322961

Ion Ratio Lower Upper

156 100

77 150.4 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 129.683 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008257.D

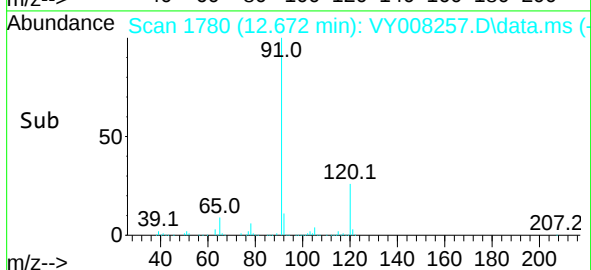
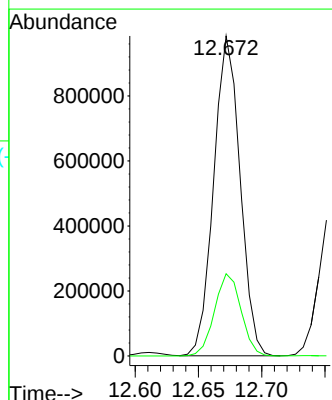
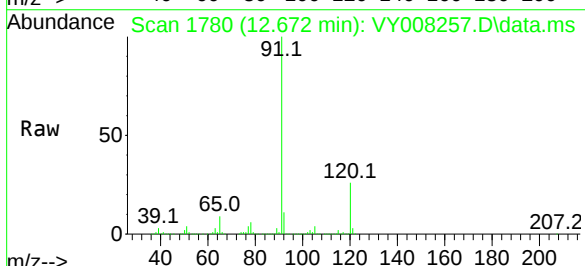
Acq: 08 Apr 2022 13:20

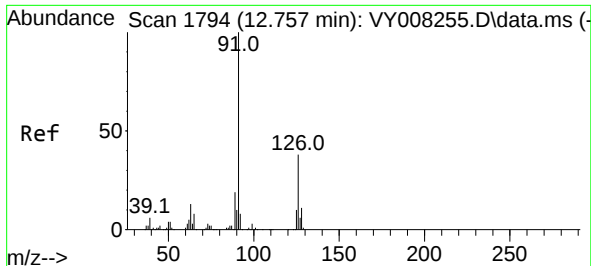
Tgt Ion: 91 Resp: 1426186

Ion Ratio Lower Upper

91 100

120 25.8 11.3 33.9

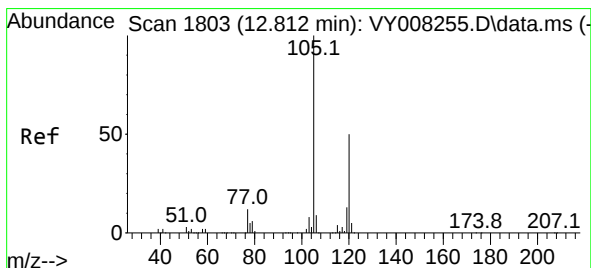
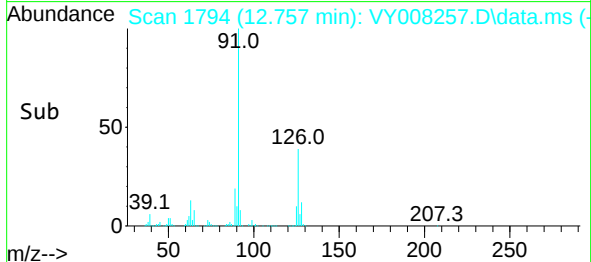
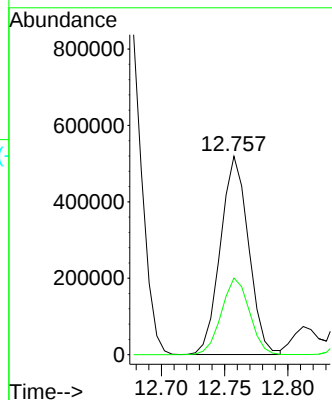
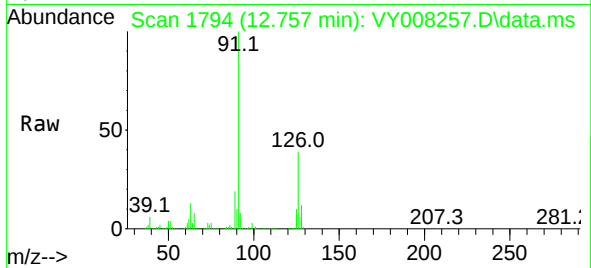




#79
2-Chlorotoluene
Concen: 131.829 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

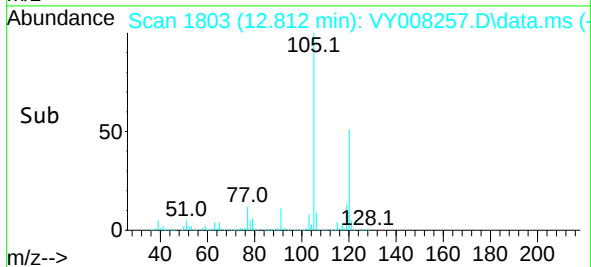
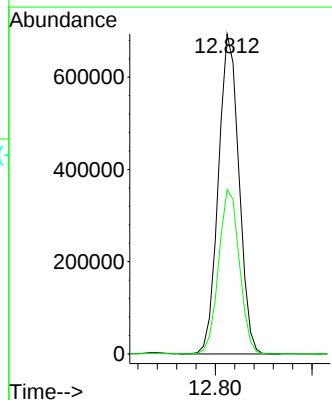
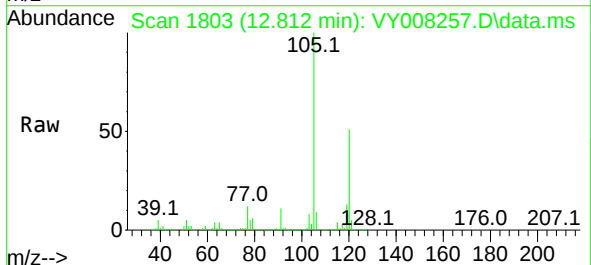
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

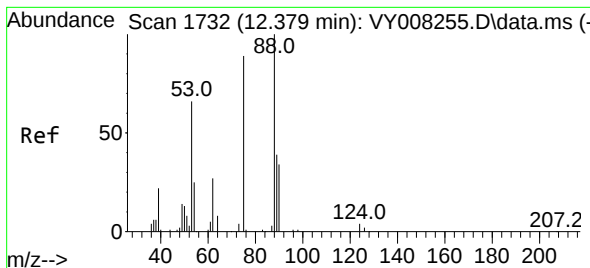
Tgt Ion: 91 Resp: 803236
Ion Ratio Lower Upper
91 100
126 38.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 133.789 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 105 Resp: 1020698
Ion Ratio Lower Upper
105 100
120 51.9 24.4 73.4

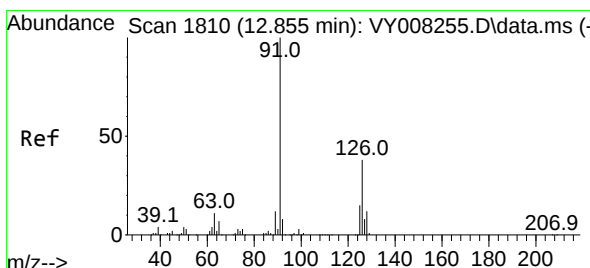
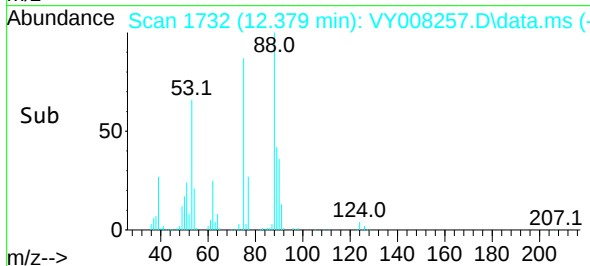
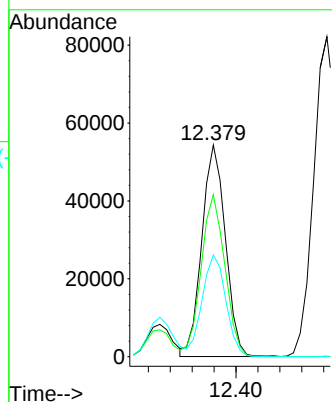
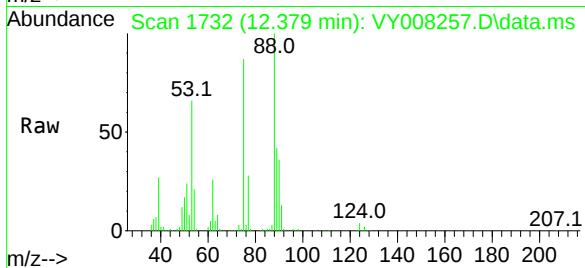




#81
trans-1,4-Dichloro-2-butene
Concen: 131.774 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

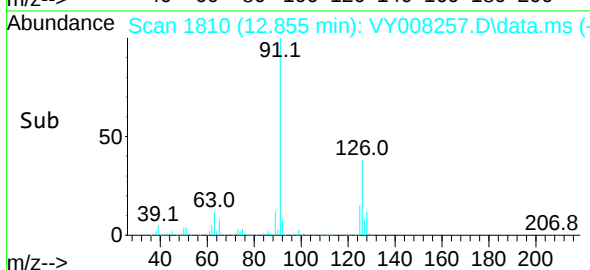
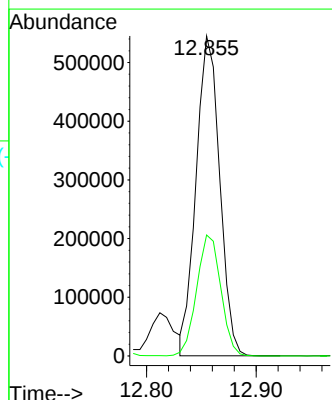
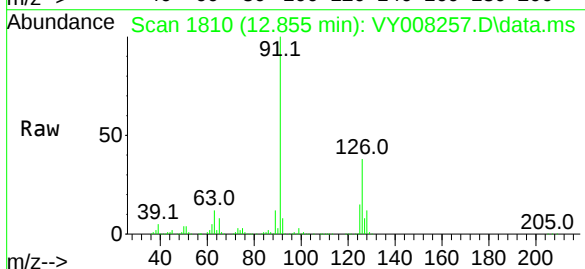
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

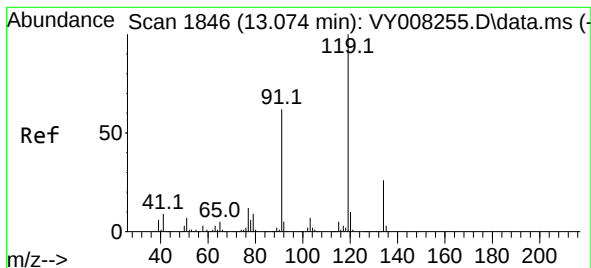
Tgt Ion: 75 Resp: 80768
Ion Ratio Lower Upper
75 100
53 77.6 85.3 127.9#
89 48.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 130.224 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 91 Resp: 814483
Ion Ratio Lower Upper
91 100
126 38.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 139.256 ug/l

RT: 13.074 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

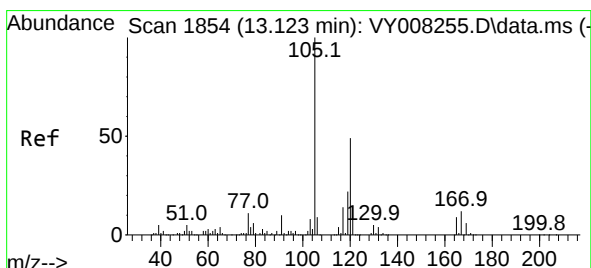
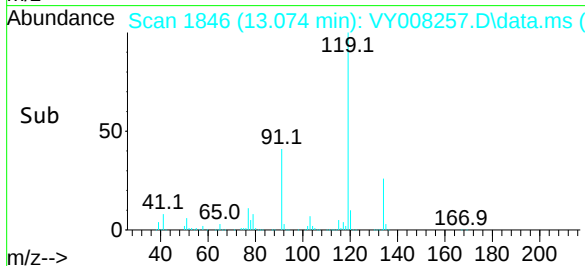
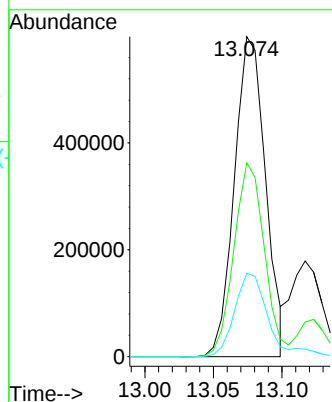
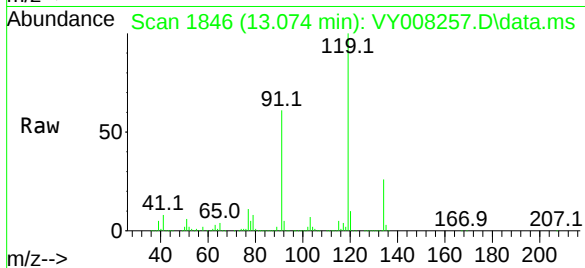
Tgt Ion:119 Resp: 945294

Ion Ratio Lower Upper

119 100

91 59.6 34.8 104.4

134 28.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 136.479 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008257.D

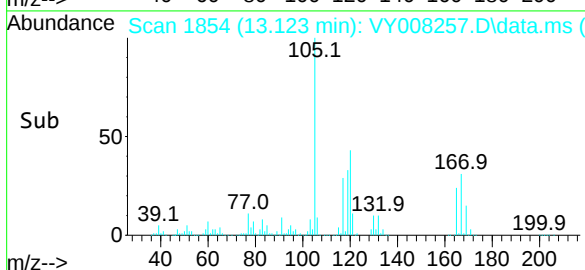
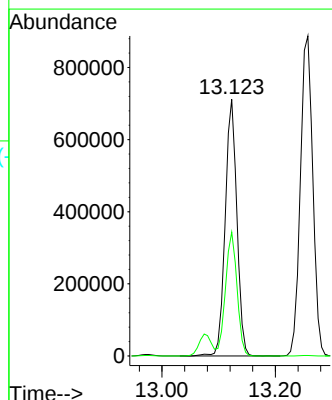
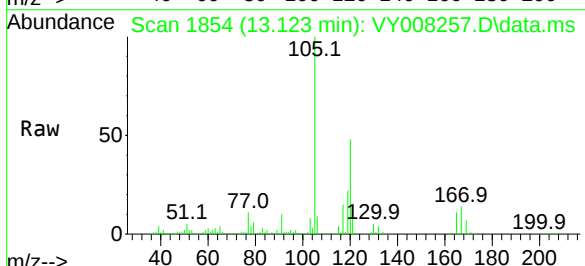
Acq: 08 Apr 2022 13:20

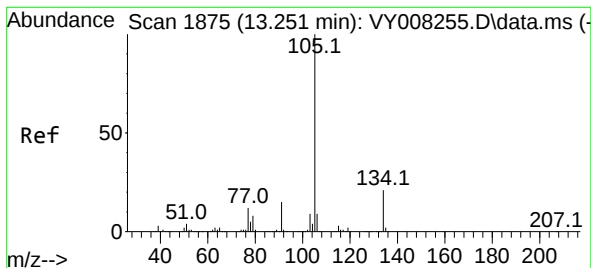
Tgt Ion:105 Resp: 1017265

Ion Ratio Lower Upper

105 100

120 47.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 133.837 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

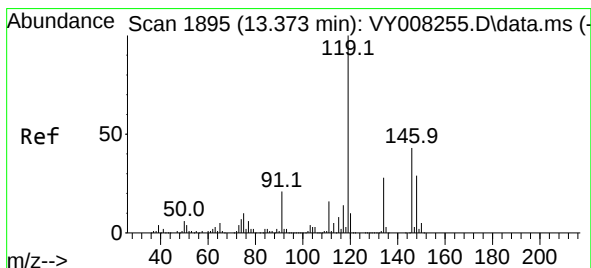
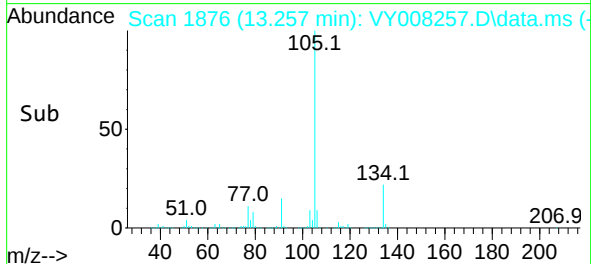
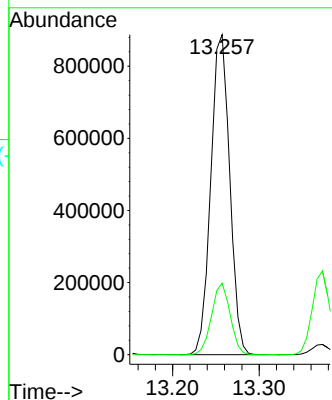
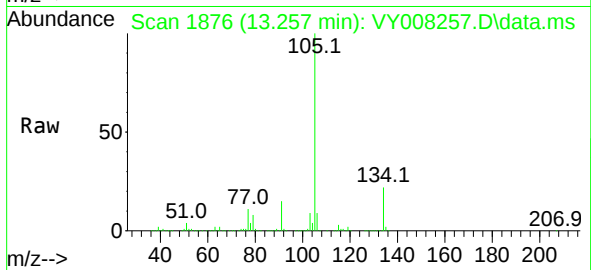
VSTDIC150

Tgt Ion:105 Resp: 1345780

Ion Ratio Lower Upper

105 100

134 21.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 140.167 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

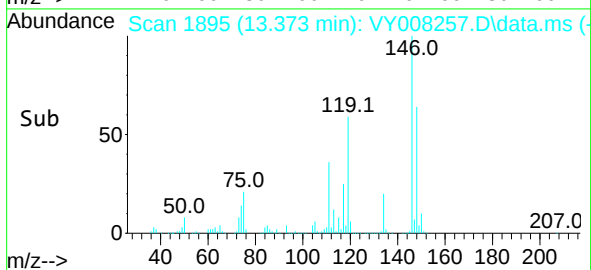
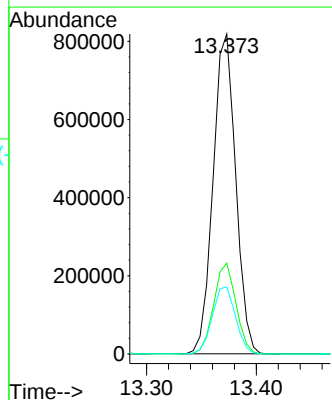
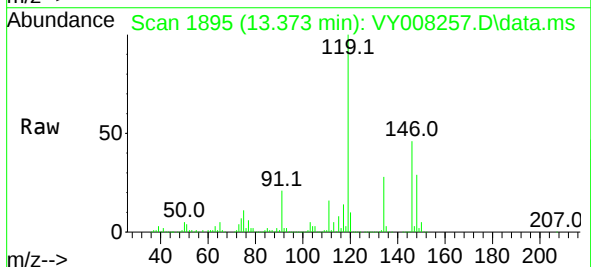
Tgt Ion:119 Resp: 1172813

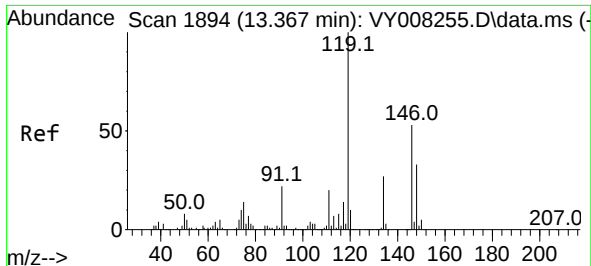
Ion Ratio Lower Upper

119 100

134 28.0 13.2 39.5

91 21.6 12.4 37.2

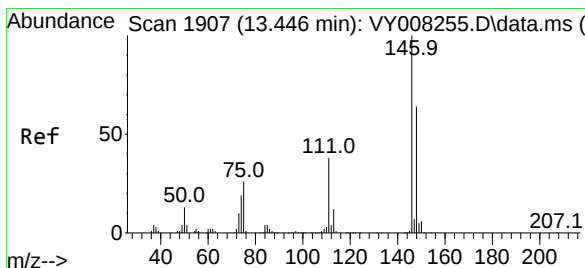
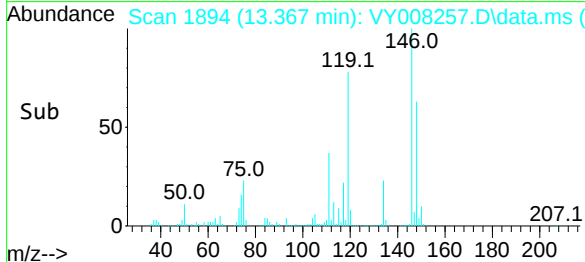
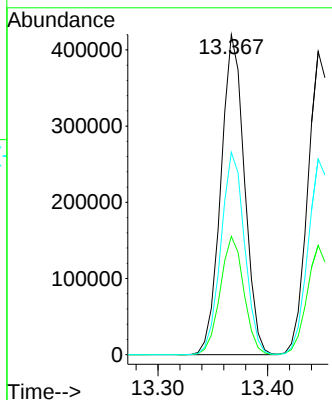
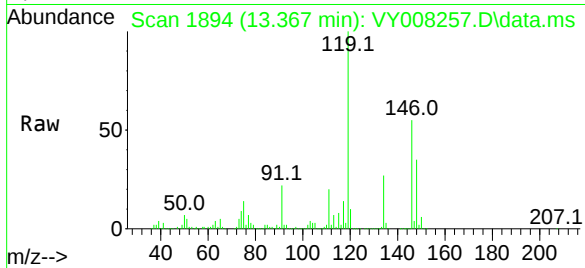




#87
 1,3-Dichlorobenzene
 Concen: 147.127 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

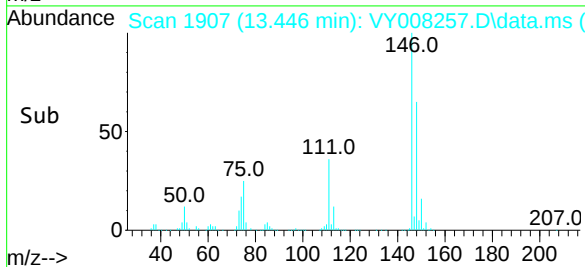
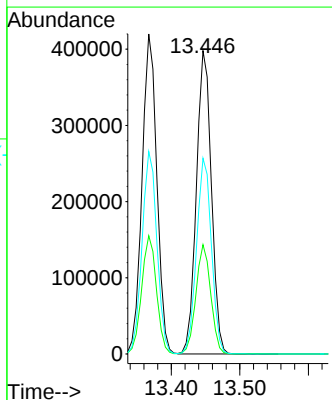
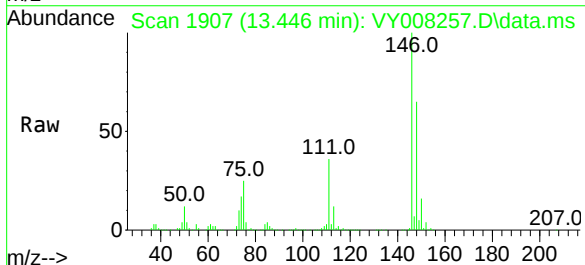
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

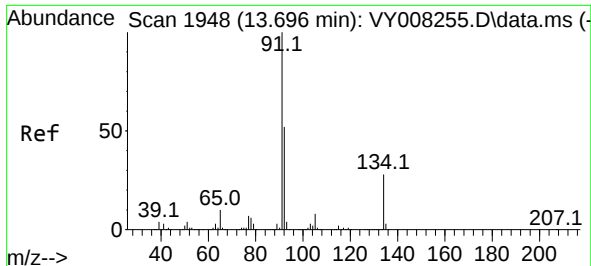
Tgt Ion:146 Resp: 627418
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.5 58.5
 148 63.6 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 142.823 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008257.D
 Acq: 08 Apr 2022 13:20

Tgt Ion:146 Resp: 606821
 Ion Ratio Lower Upper
 146 100
 111 35.5 19.3 57.8
 148 64.1 32.6 97.8





#89

n-Butylbenzene

Concen: 129.695 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

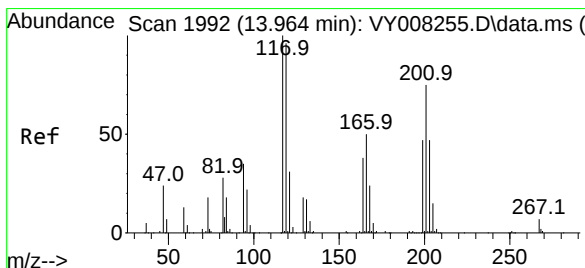
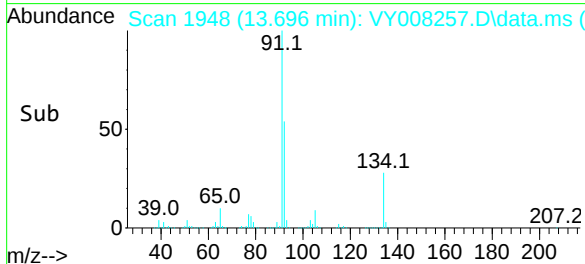
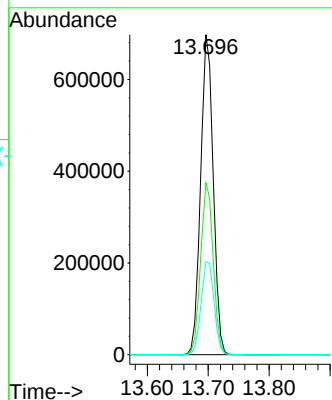
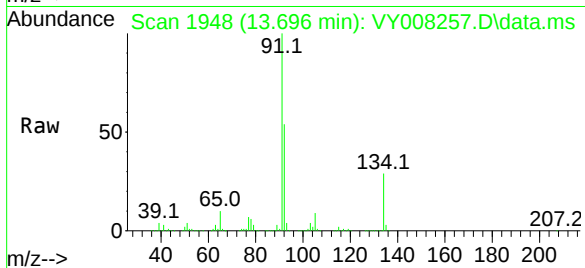
Tgt Ion: 91 Resp: 998175

Ion Ratio Lower Upper

91 100

92 53.8 26.3 78.9

134 30.0 13.0 38.9



#90

Hexachloroethane

Concen: 139.362 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY008257.D

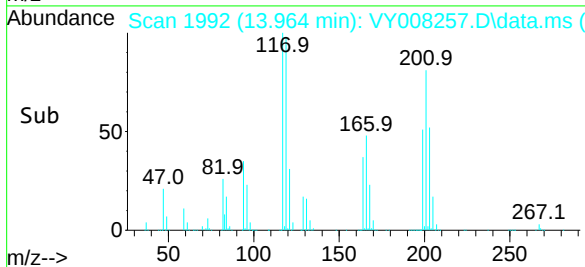
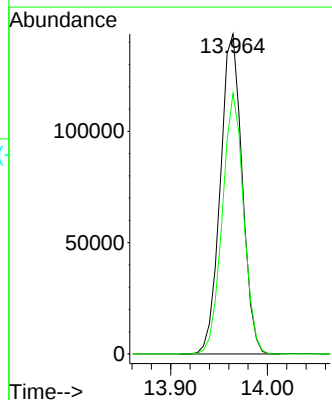
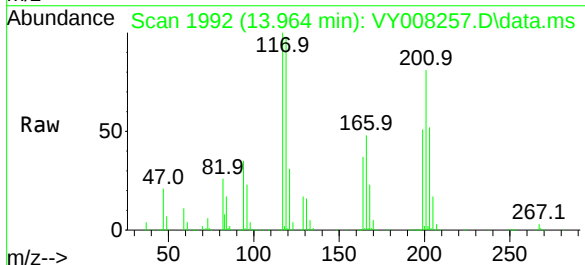
Acq: 08 Apr 2022 13:20

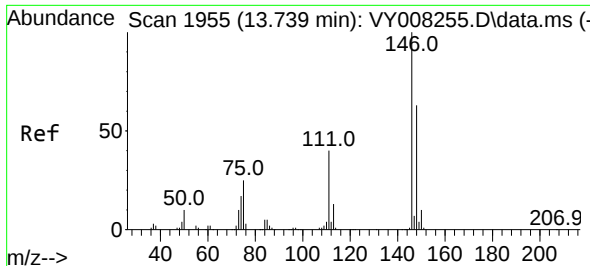
Tgt Ion: 117 Resp: 224822

Ion Ratio Lower Upper

117 100

201 79.5 43.0 128.8

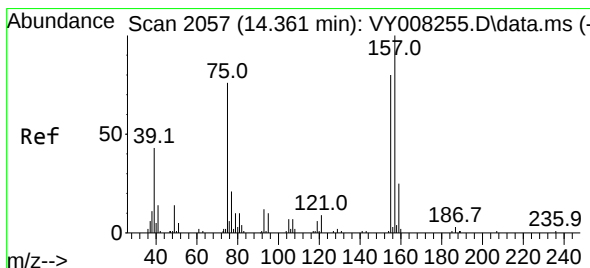
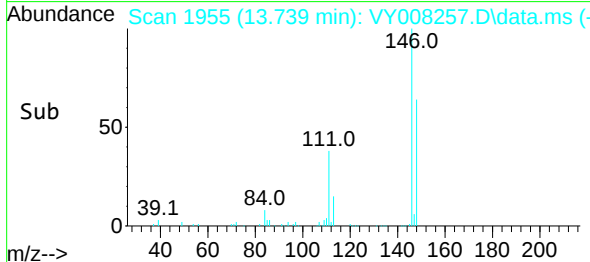
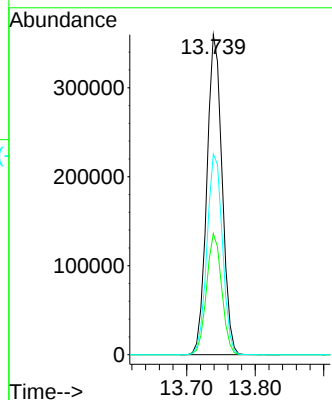
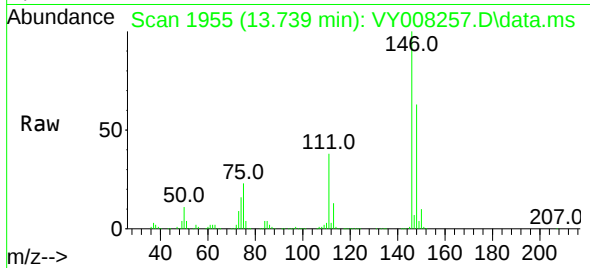




#91
1,2-Dichlorobenzene
Concen: 148.070 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

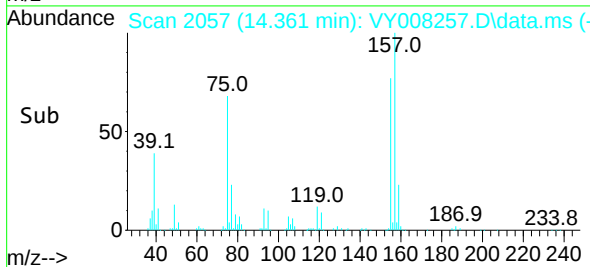
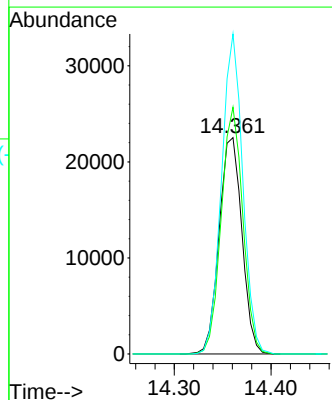
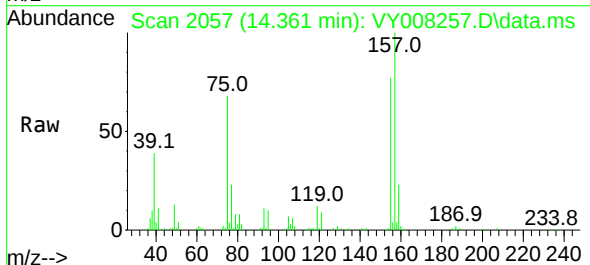
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

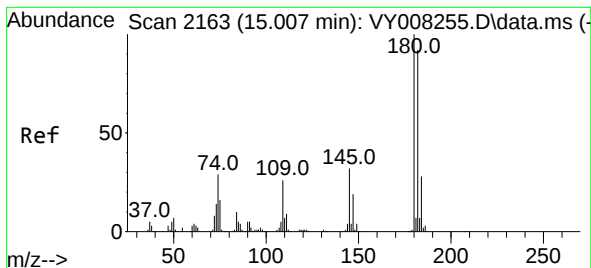
Tgt Ion:146 Resp: 555425
Ion Ratio Lower Upper
146 100
111 37.7 20.3 60.9
148 63.7 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 128.461 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion: 75 Resp: 36883
Ion Ratio Lower Upper
75 100
155 107.8 38.0 113.9
157 137.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 155.624 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

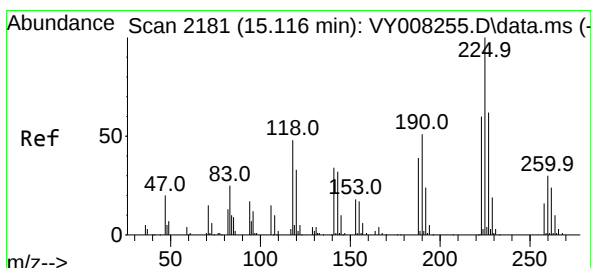
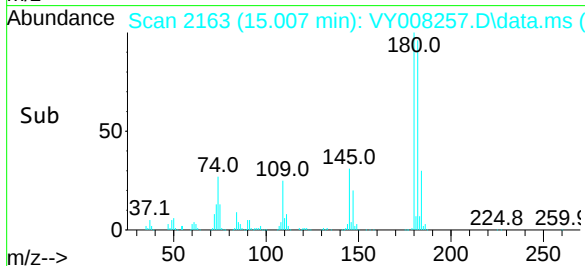
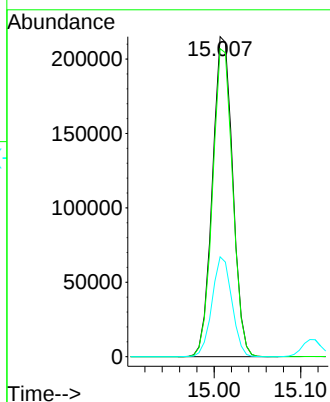
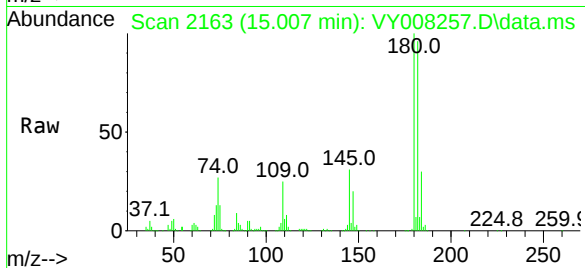
Tgt Ion:180 Resp: 349272

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 30.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 153.328 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY008257.D

Acq: 08 Apr 2022 13:20

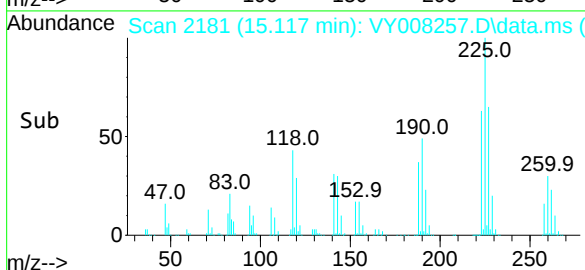
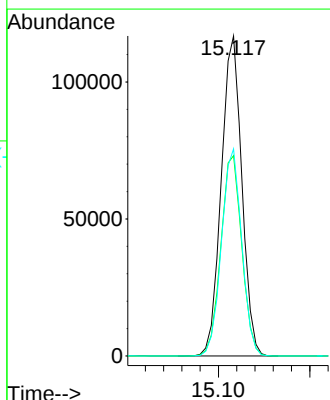
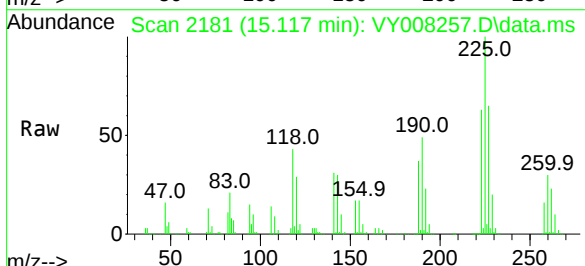
Tgt Ion:225 Resp: 182105

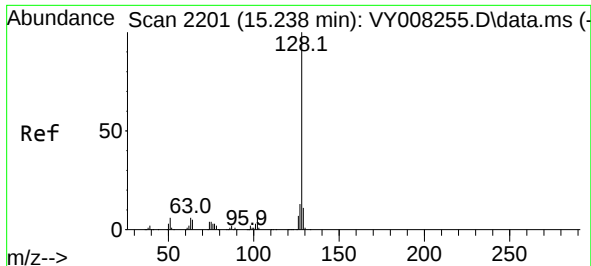
Ion Ratio Lower Upper

225 100

223 63.8 30.8 92.3

227 63.7 31.6 94.7

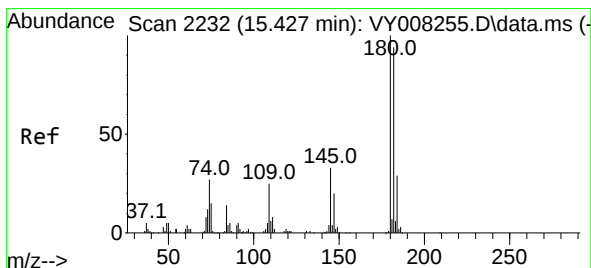
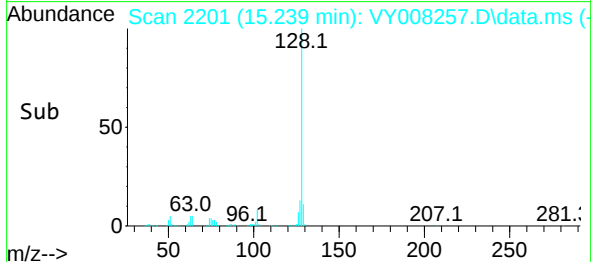
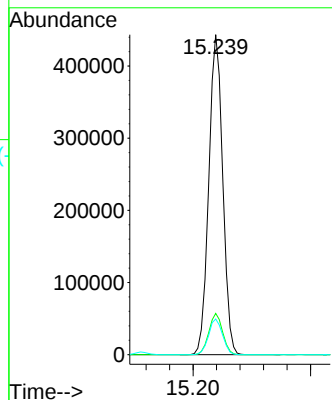
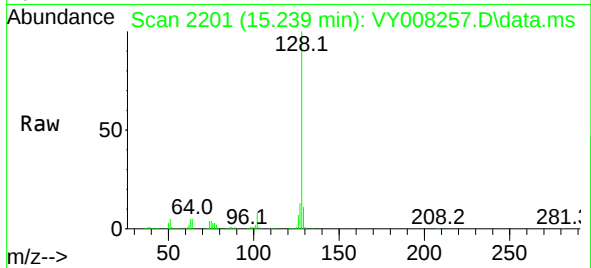




#95
Naphthalene
Concen: 148.474 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 729769
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 11.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 157.689 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY008257.D
Acq: 08 Apr 2022 13:20

Tgt Ion:180 Resp: 306235
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 31.8 15.3 45.9

