

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008576.D
 Acq On : 02 May 2022 17:04
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: May 03 02:39:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151146	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	225664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	242459	165.047	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	330.100%#
35) Dibromofluoromethane	7.716	113	261632	175.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	350.420%#
50) Toluene-d8	10.179	98	962289	181.901	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	363.800%#
62) 4-Bromofluorobenzene	12.483	95	333077	171.780	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	343.560%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	205726	135.808	ug/l	98
3) Chloromethane	2.113	50	239735	136.151	ug/l	94
4) Vinyl Chloride	2.253	62	300491	141.942	ug/l	98
5) Bromomethane	2.631	94	223959	149.560	ug/l	96
6) Chloroethane	2.784	64	194706	143.513	ug/l	99
7) Trichlorofluoromethane	3.119	101	424498	148.255	ug/l	93
8) Diethyl Ether	3.528	74	134797	146.998	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.893	101	253459	150.579	ug/l	92
10) Methyl Iodide	4.088	142	356803	170.988	ug/l	88
11) Tert butyl alcohol	4.954	59	106345	746.281	ug/l	# 95
12) 1,1-Dichloroethene	3.869	96	236995	149.419	ug/l	# 76
13) Acrolein	3.729	56	143658	723.738	ug/l	97
14) Allyl chloride	4.479	41	291601	153.565	ug/l	# 88
15) Acrylonitrile	5.161	53	305102	729.765	ug/l	97
16) Acetone	3.942	43	215547	680.986	ug/l	# 86
17) Carbon Disulfide	4.192	76	687038	152.342	ug/l	99
18) Methyl Acetate	4.472	43	131752	149.594	ug/l	# 79
19) Methyl tert-butyl Ether	5.216	73	656077	150.006	ug/l	93
20) Methylene Chloride	4.710	84	259500	150.018	ug/l	# 77
21) trans-1,2-Dichloroethene	5.216	96	272448	151.208	ug/l	# 80
22) Diisopropyl ether	6.119	45	664267	151.532	ug/l	# 90
23) Vinyl Acetate	6.058	43	2223287	776.634	ug/l	# 85
24) 1,1-Dichloroethane	6.015	63	417454	151.073	ug/l	97
25) 2-Butanone	6.984	43	367537	723.403	ug/l	# 76
26) 2,2-Dichloropropane	6.978	77	400014	151.144	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	308091	149.409	ug/l	80
28) Bromochloromethane	7.332	49	159761	151.207	ug/l	# 56
29) Tetrahydrofuran	7.344	42	248050	736.108	ug/l	# 74
30) Chloroform	7.509	83	460492	148.731	ug/l	100
31) Cyclohexane	7.783	56	371347	146.453	ug/l	# 84
32) 1,1,1-Trichloroethane	7.704	97	432130	152.159	ug/l	# 93
36) 1,1-Dichloropropene	7.917	75	350240	150.838	ug/l	93
37) Ethyl Acetate	7.070	43	171648	144.149	ug/l	# 90
38) Carbon Tetrachloride	7.899	117	408282	154.125	ug/l	98
39) Methylcyclohexane	9.185	83	479353	156.499	ug/l	# 82
40) Benzene	8.161	78	1014349	151.240	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	229799	439.883	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	285811	147.231	ug/l	89
43) Isopropyl Acetate	8.271	43	326038	150.485	ug/l #	85
44) Trichloroethene	8.941	130	316787	150.577	ug/l	94
45) 1,2-Dichloropropane	9.216	63	238474	152.413	ug/l	95
46) Dibromomethane	9.307	93	160263	146.726	ug/l	92
47) Bromodichloromethane	9.496	83	362741	152.416	ug/l	99
48) Methyl methacrylate	9.289	41	146829	154.178	ug/l #	76
49) 1,4-Dioxane	9.295	88	42330	3056.499	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	837926	736.840	ug/l #	83
52) Toluene	10.246	92	692770	154.537	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	387455	153.998	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	427533	152.952	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	222951	146.481	ug/l	97
56) Ethyl methacrylate	10.508	69	301278	156.695	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	358920	147.721	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	766439	785.386	ug/l #	86
59) 2-Hexanone	10.831	43	580062	749.011	ug/l	79
60) Dibromochloromethane	10.984	129	291521	153.119	ug/l	100
61) 1,2-Dibromoethane	11.087	107	227452	147.656	ug/l	100
64) Tetrachloroethene	10.721	164	282215	147.017	ug/l	97
65) Chlorobenzene	11.514	112	768358	151.588	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	294292	153.789	ug/l	98
67) Ethyl Benzene	11.593	91	1333212	156.344	ug/l	94
68) m/p-Xylenes	11.703	106	1096061	314.643	ug/l	88
69) o-Xylene	12.032	106	525853	157.510	ug/l	88
70) Styrene	12.044	104	889487	160.273	ug/l	93
71) Bromoform	12.209	173	197831	155.513	ug/l #	99
73) Isopropylbenzene	12.331	105	1349189	158.247	ug/l	98
74) N-amyl acetate	12.142	43	298880	156.867	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	257821	149.435	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	327015	280.309	ug/l #	100
77) Bromobenzene	12.611	156	340716	151.462	ug/l	83
78) n-propylbenzene	12.672	91	1552744	156.505	ug/l	95
79) 2-Chlorotoluene	12.758	91	859999	153.957	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	1095147	155.472	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	92536	160.813	ug/l #	80
82) 4-Chlorotoluene	12.855	91	883886	153.606	ug/l	93
83) tert-Butylbenzene	13.075	119	985529	156.205	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	1090792	155.796	ug/l	95
85) sec-Butylbenzene	13.258	105	1431831	153.990	ug/l	97
86) p-Isopropyltoluene	13.373	119	1254377	158.901	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	662101	152.187	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	637628	148.586	ug/l	97
89) n-Butylbenzene	13.696	91	1075895	154.729	ug/l	97
90) Hexachloroethane	13.965	117	229530	156.995	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	576200	148.411	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	40210	153.139	ug/l	59
93) 1,2,4-Trichlorobenzene	15.007	180	379650	153.250	ug/l	99
94) Hexachlorobutadiene	15.117	225	211079	150.873	ug/l	98
95) Naphthalene	15.239	128	781485	157.308	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	333277	151.571	ug/l	99

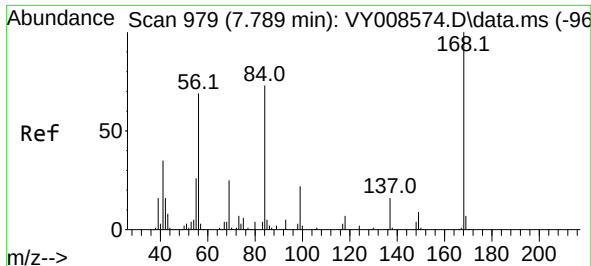
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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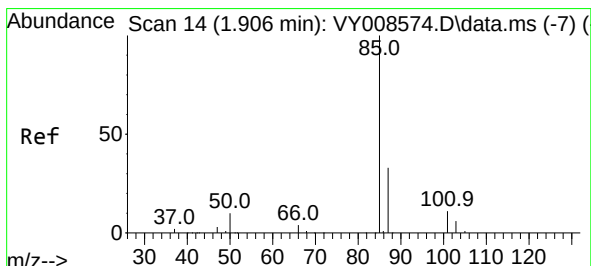
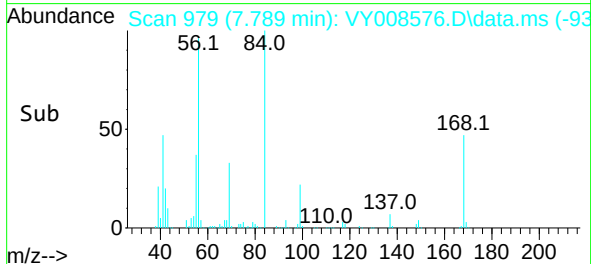
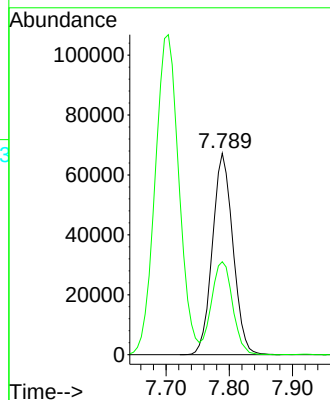
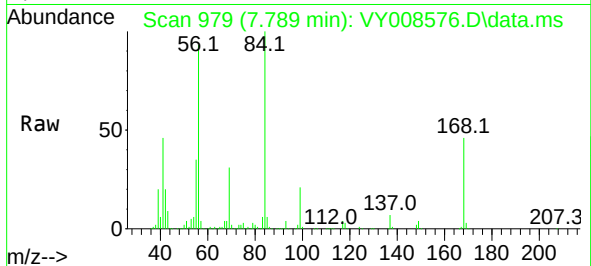
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

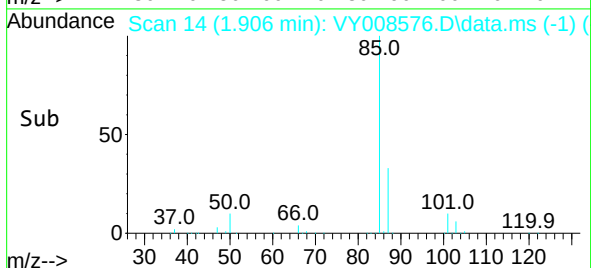
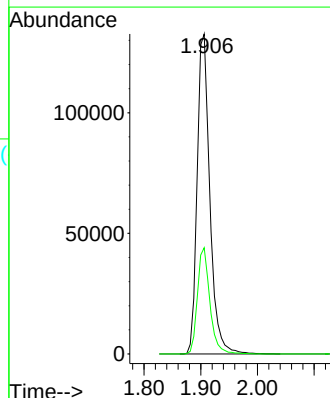
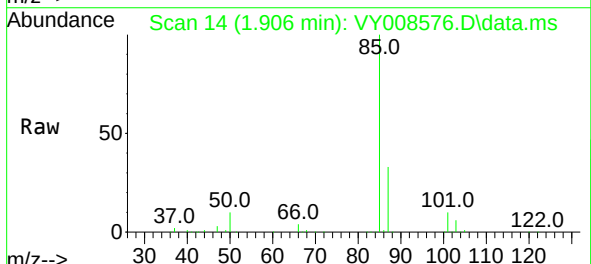
Instrument :
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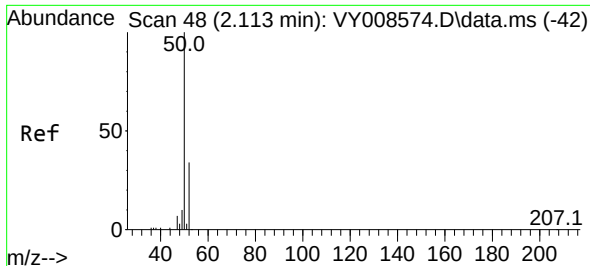
Tgt Ion:168 Resp: 151146
Ion Ratio Lower Upper
168 100
99 46.2 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 135.808 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 85 Resp: 205726
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2

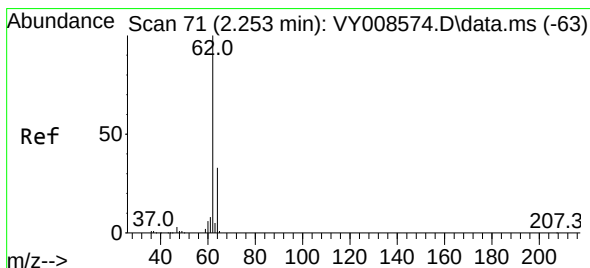
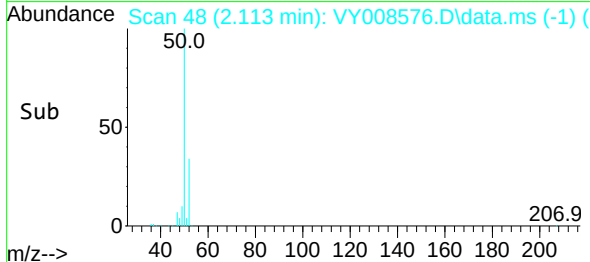
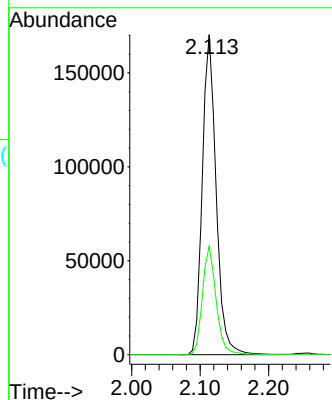
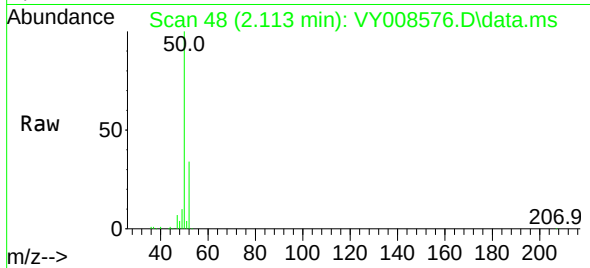




#3
Chloromethane
Concen: 136.151 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

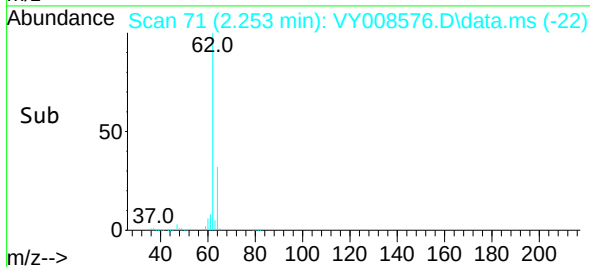
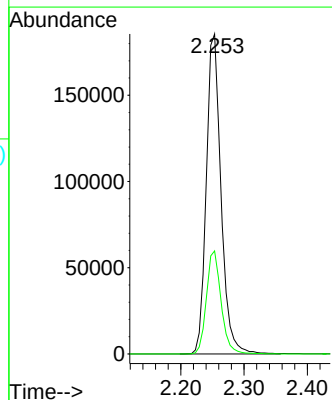
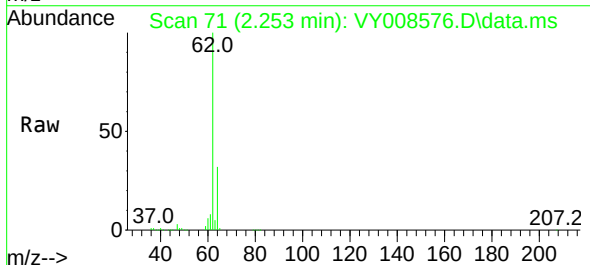
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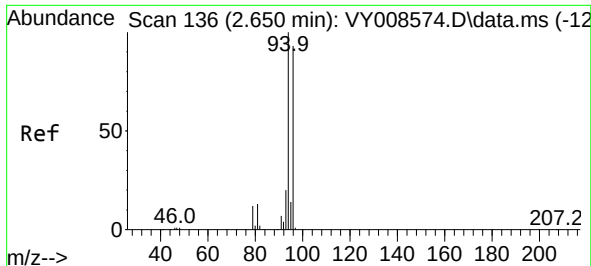
Tgt Ion: 50 Resp: 239735
Ion Ratio Lower Upper
50 100
52 33.9 24.6 37.0



#4
Vinyl Chloride
Concen: 141.942 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 62 Resp: 300491
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

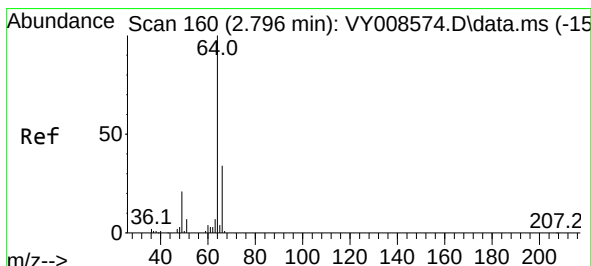
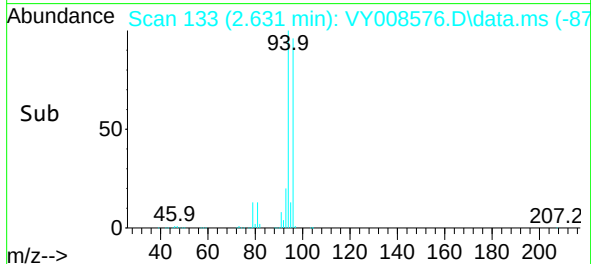
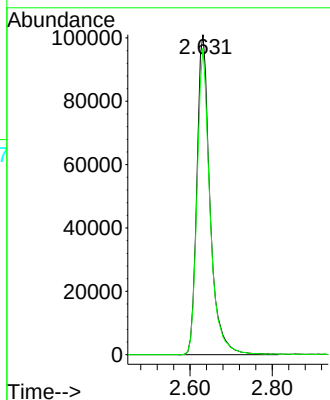
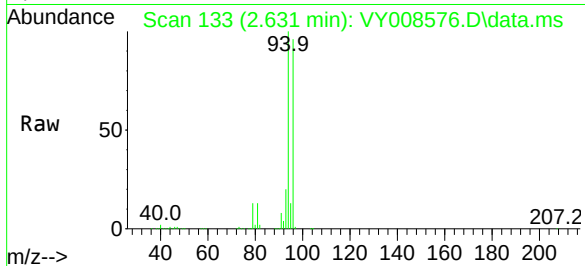




#5
Bromomethane
Concen: 149.560 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

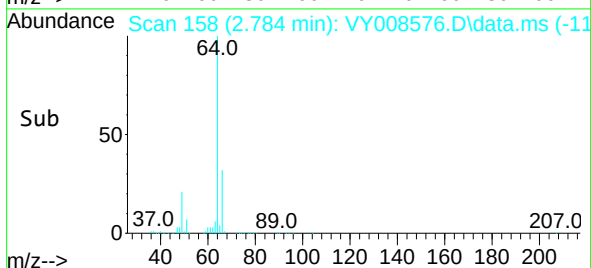
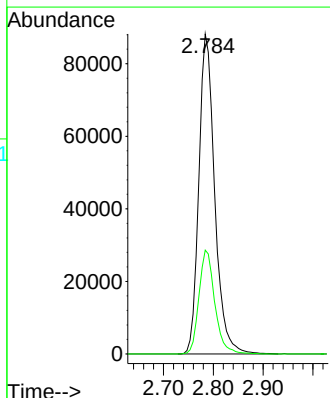
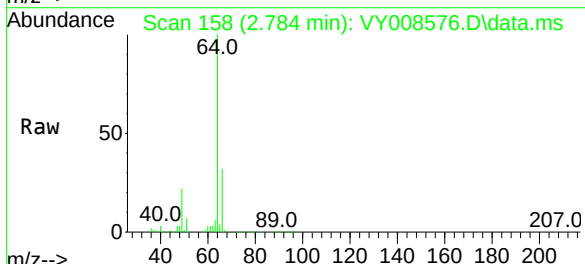
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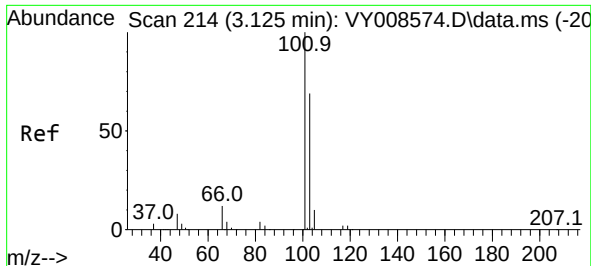
Tgt Ion: 94 Resp: 223959
Ion Ratio Lower Upper
94 100
96 95.7 73.5 110.3



#6
Chloroethane
Concen: 143.513 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 64 Resp: 194706
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

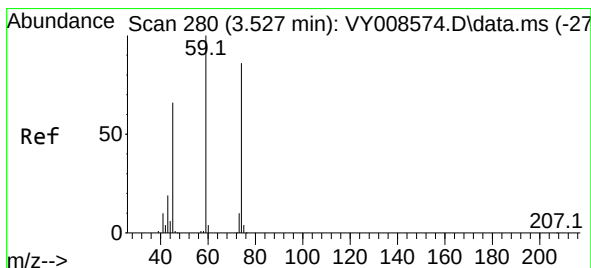
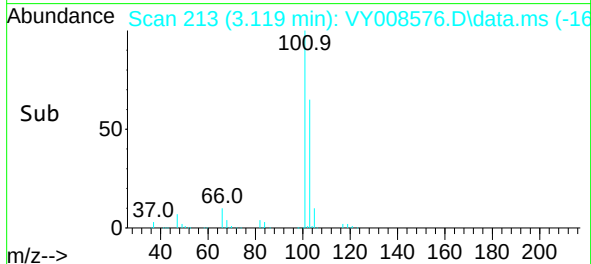
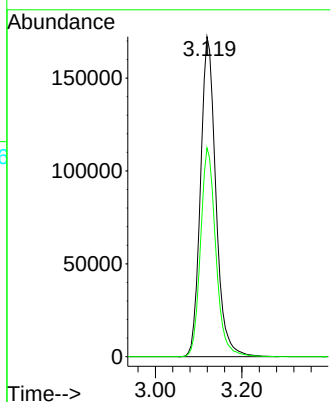
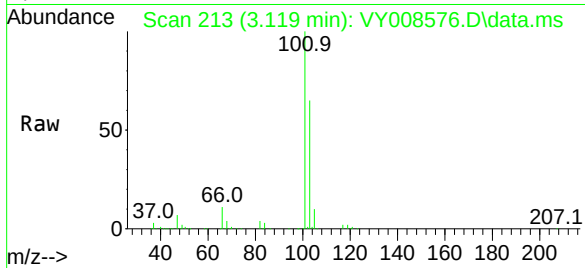




#7
 Trichlorofluoromethane
 Concen: 148.255 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY008576.D
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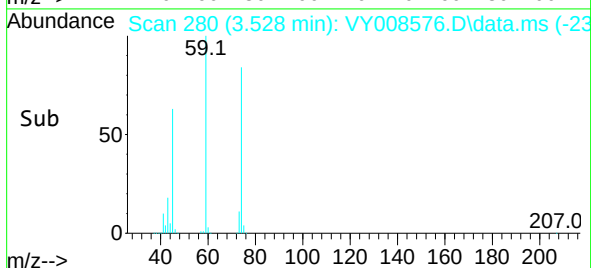
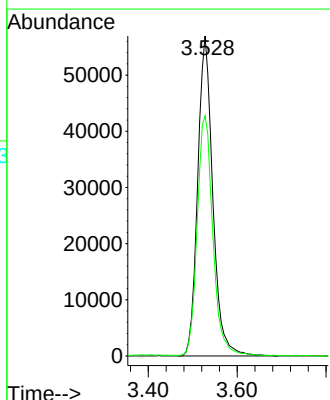
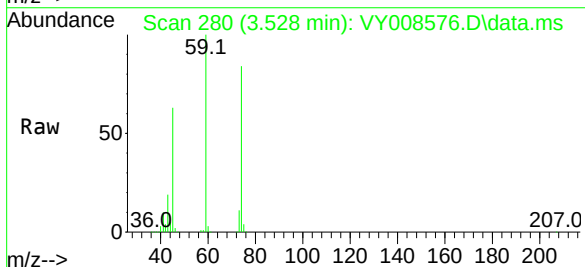
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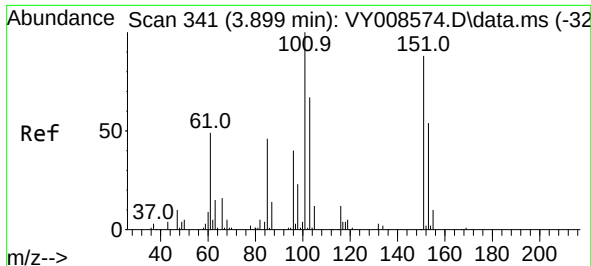
Tgt Ion:101 Resp: 424498
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.0 72.0



#8
 Diethyl Ether
 Concen: 146.998 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY008576.D
 Acq: 02 May 2022 17:04

Tgt Ion: 74 Resp: 134797
 Ion Ratio Lower Upper
 74 100
 45 77.5 55.1 165.5

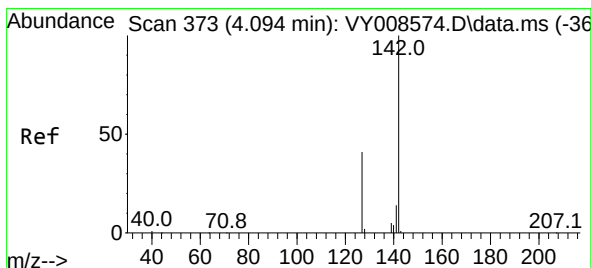
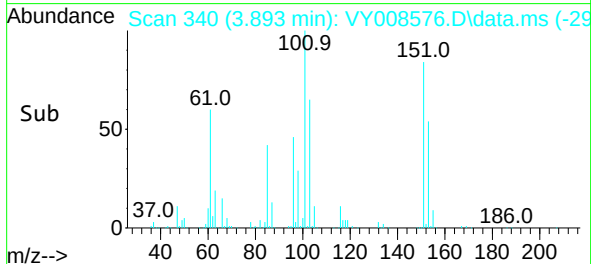
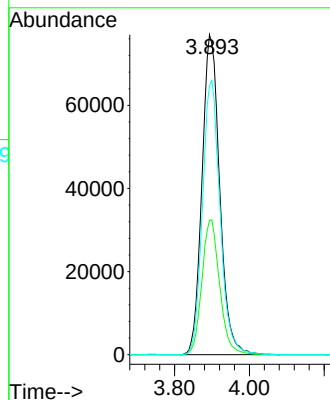
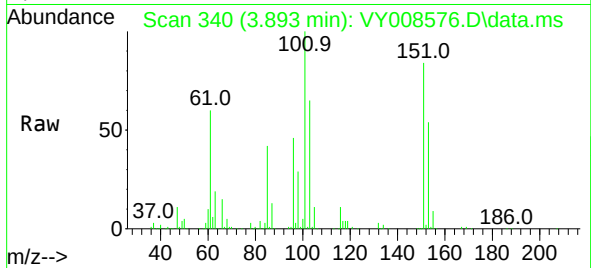




#9
1,1,2-Trichlorotrifluoroethane
Concen: 150.579 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
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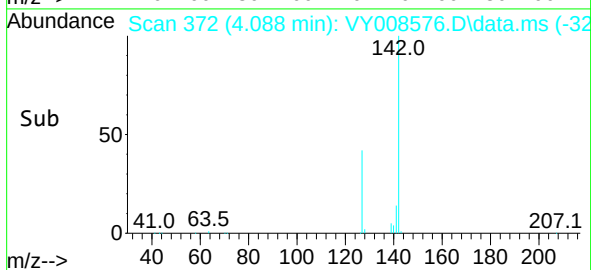
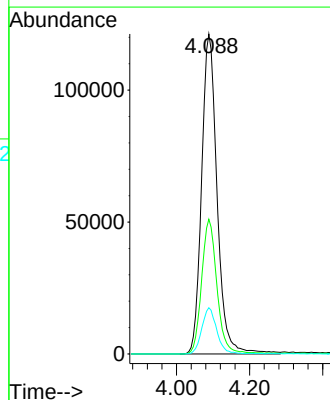
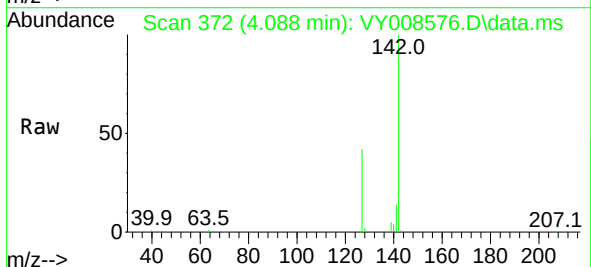
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ClientSampleId :
VSTDIC150

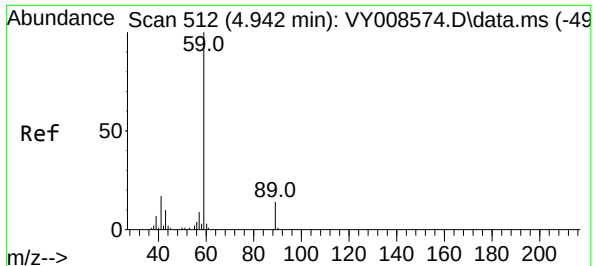
Tgt Ion:101 Resp: 253459
Ion Ratio Lower Upper
101 100
85 42.1 40.6 60.8
151 85.1 64.9 97.3



#10
Methyl Iodide
Concen: 170.988 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion:142 Resp: 356803
Ion Ratio Lower Upper
142 100
127 41.6 41.5 62.3
141 14.0 11.9 17.9





#11

Tert butyl alcohol

Concen: 746.281 ug/l

RT: 4.954 min Scan# 512

Delta R.T. 0.012 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

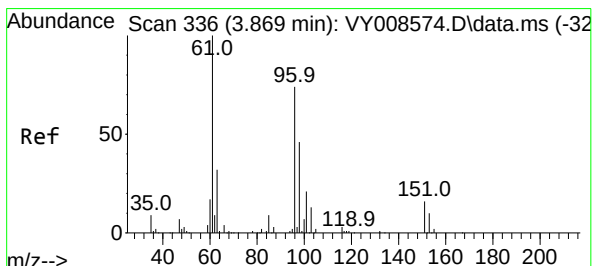
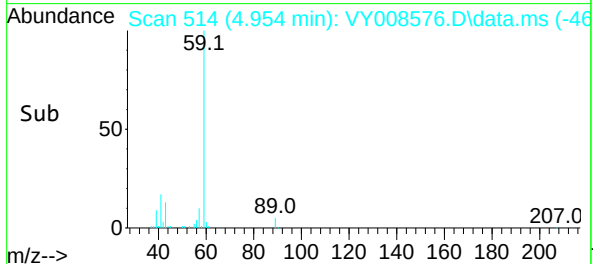
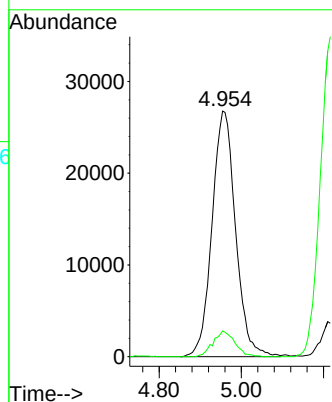
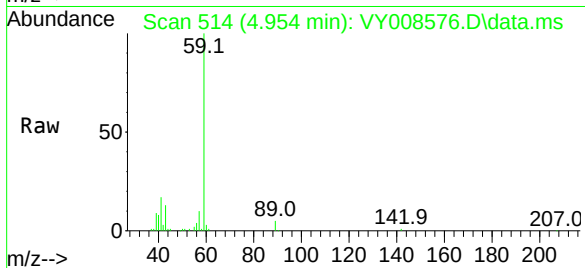
VSTDIC150

Tgt Ion: 59 Resp: 106345

Ion Ratio Lower Upper

59 100

57 9.7 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 149.419 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

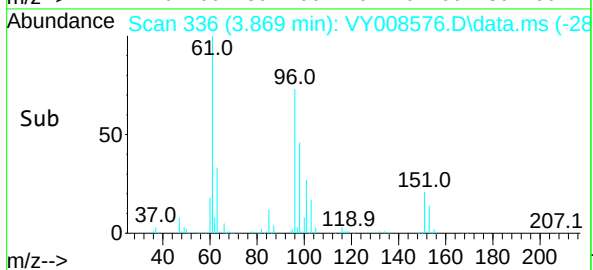
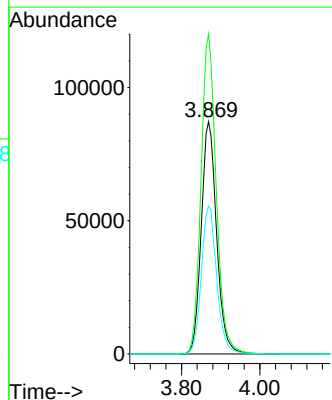
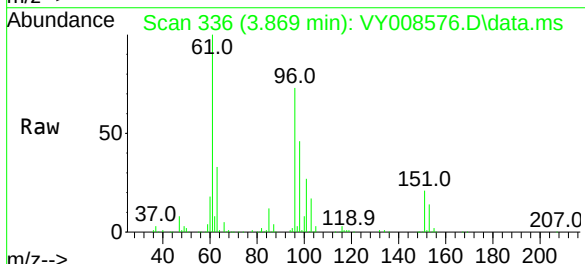
Tgt Ion: 96 Resp: 236995

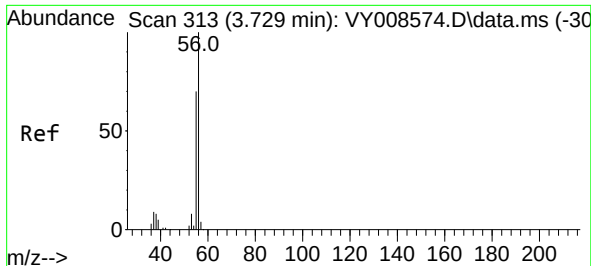
Ion Ratio Lower Upper

96 100

61 137.7 145.8 218.6#

98 63.6 52.5 78.7





#13

Acrolein

Concen: 723.738 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

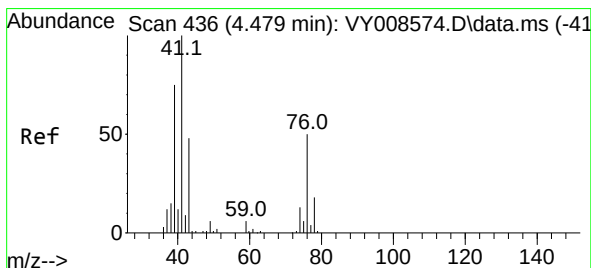
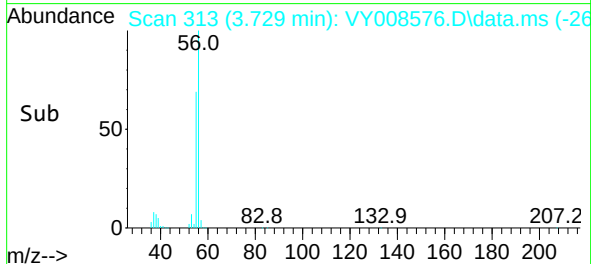
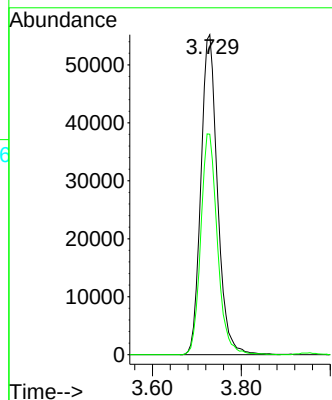
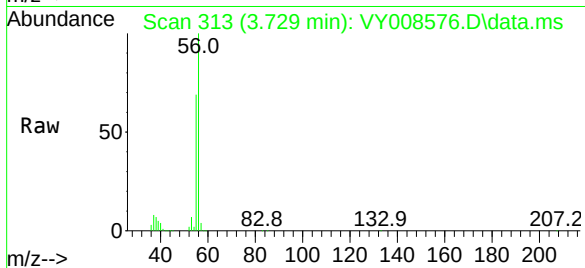
VSTDICC150

Tgt Ion: 56 Resp: 143658

Ion Ratio Lower Upper

56 100

55 69.3 57.6 86.4



#14

Allyl chloride

Concen: 153.565 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

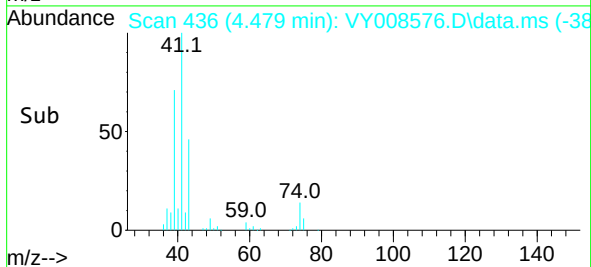
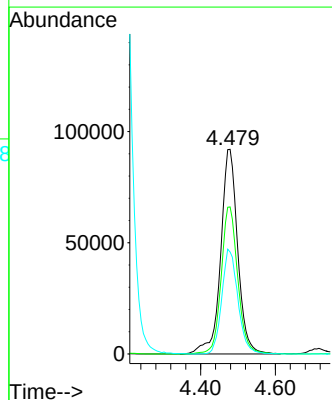
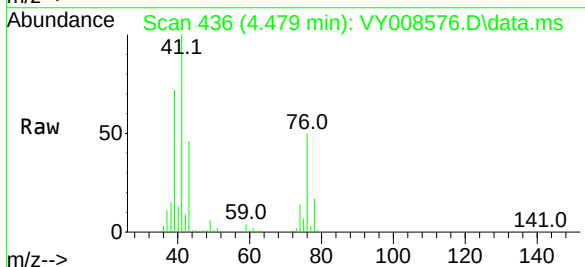
Tgt Ion: 41 Resp: 291601

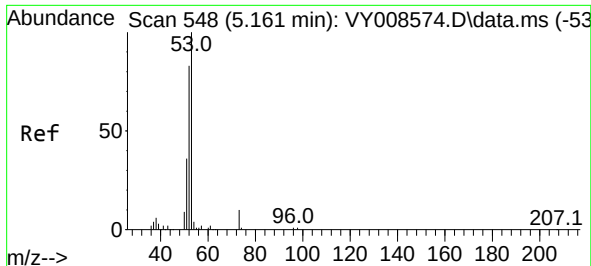
Ion Ratio Lower Upper

41 100

39 70.1 58.8 88.2

76 48.4 25.1 37.7#

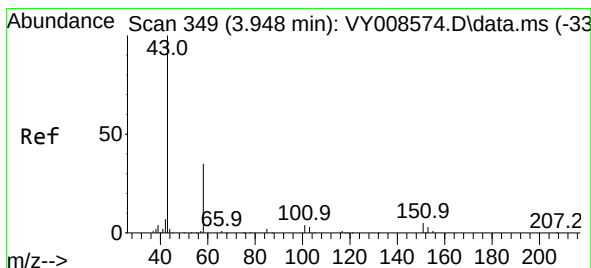
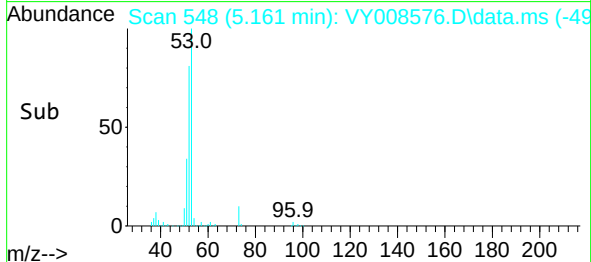
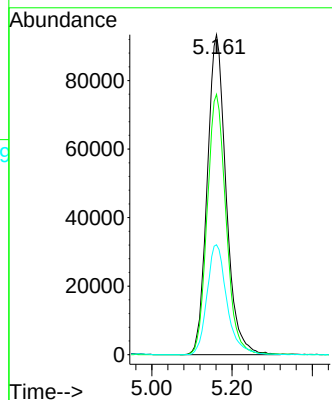
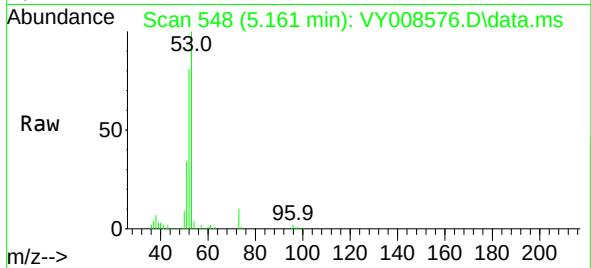




#15
Acrylonitrile
Concen: 729.765 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

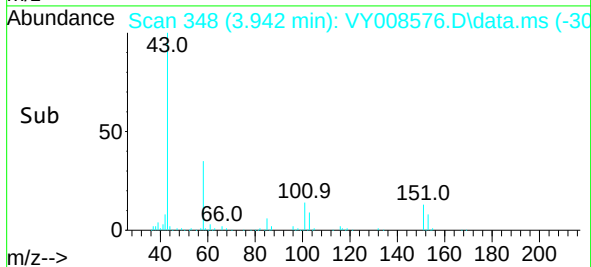
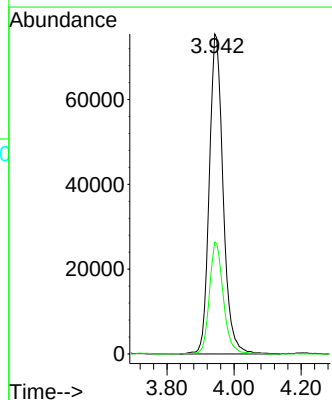
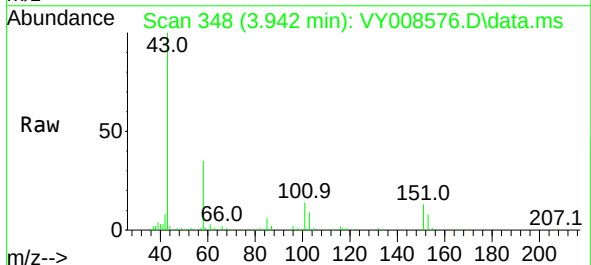
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

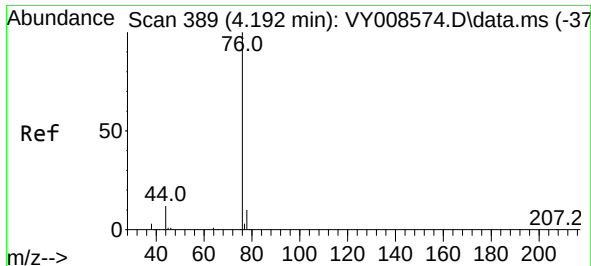
Tgt Ion: 53 Resp: 305102
Ion Ratio Lower Upper
53 100
52 81.1 67.0 100.4
51 36.2 29.8 44.6



#16
Acetone
Concen: 680.986 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 43 Resp: 215547
Ion Ratio Lower Upper
43 100
58 35.0 22.0 33.0#

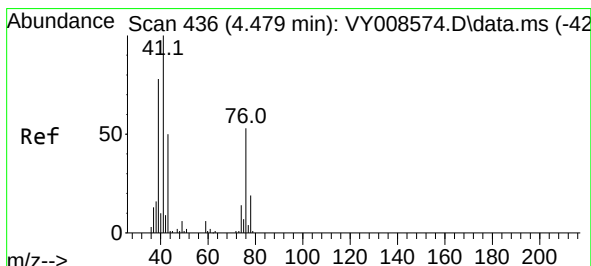
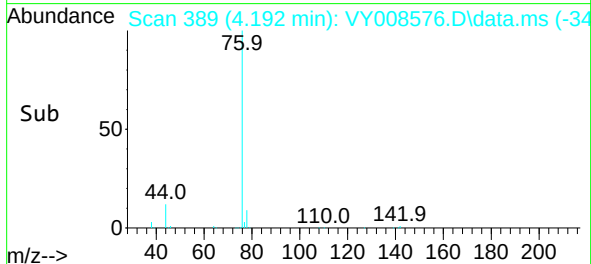
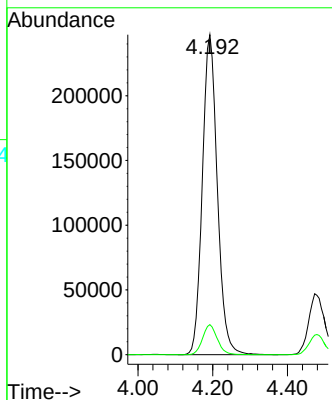
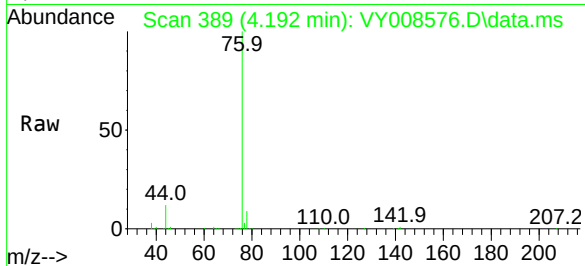




#17
Carbon Disulfide
Concen: 152.342 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

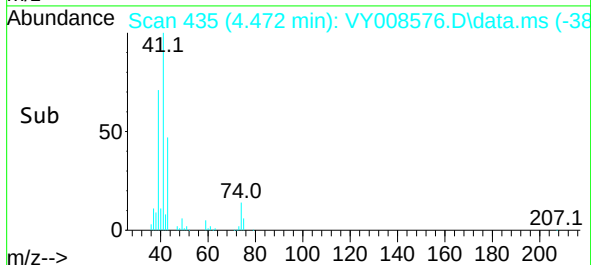
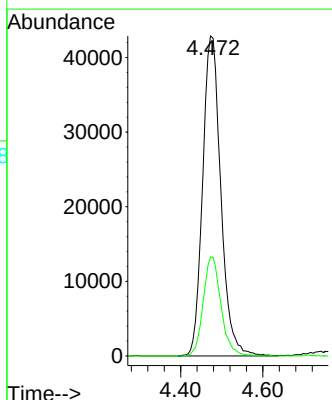
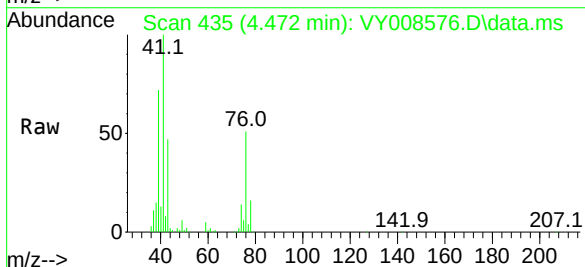
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

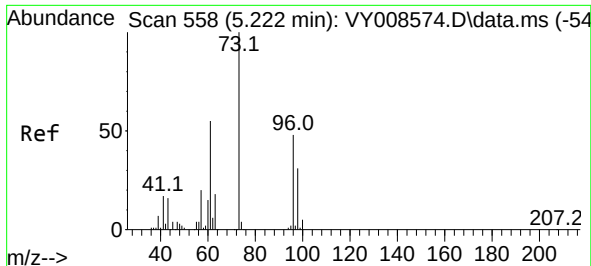
Tgt Ion: 76 Resp: 687038
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 149.594 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 43 Resp: 131752
Ion Ratio Lower Upper
43 100
74 30.3 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 150.006 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

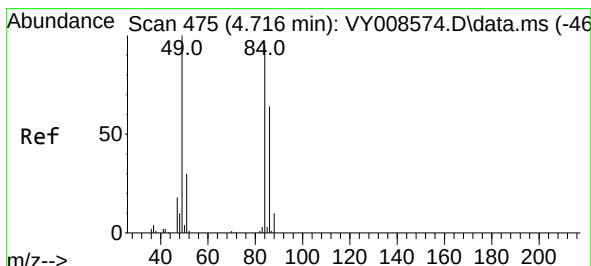
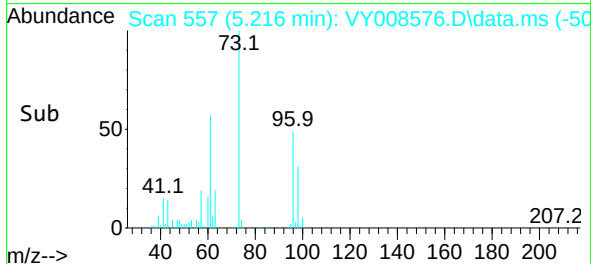
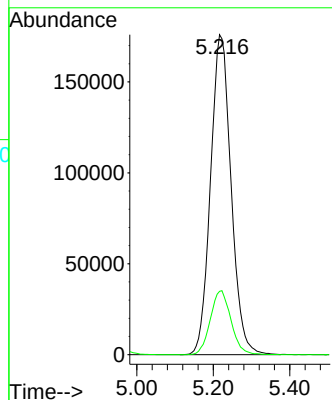
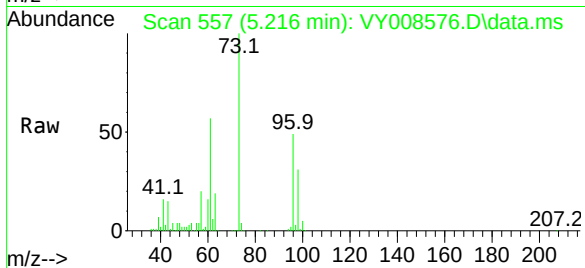
VSTDIC150

Tgt Ion: 73 Resp: 656077

Ion Ratio Lower Upper

73 100

57 19.8 18.6 27.8



#20

Methylene Chloride

Concen: 150.018 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Tgt Ion: 84 Resp: 259500

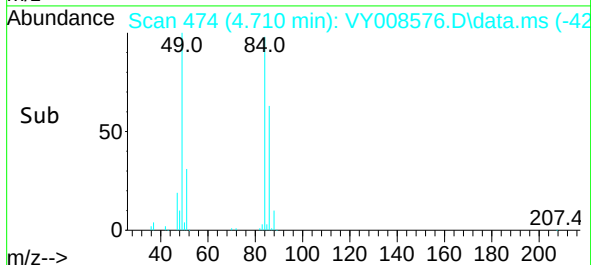
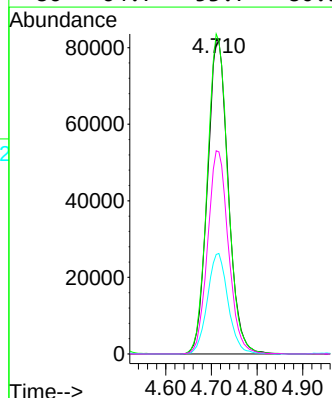
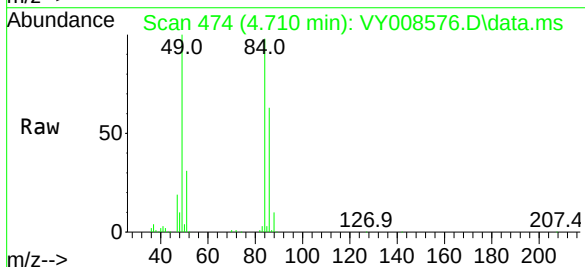
Ion Ratio Lower Upper

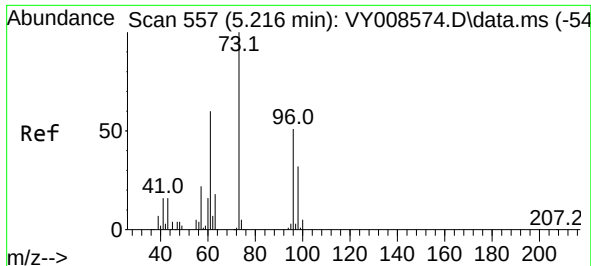
84 100

49 101.9 114.4 171.6#

51 31.7 35.3 52.9#

86 64.7 53.7 80.5

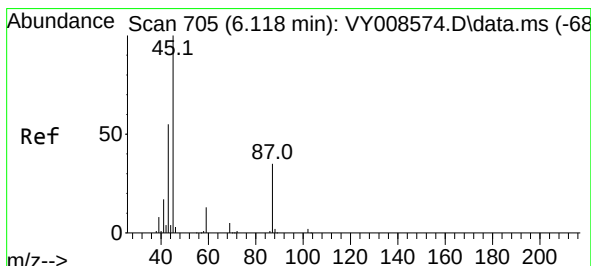
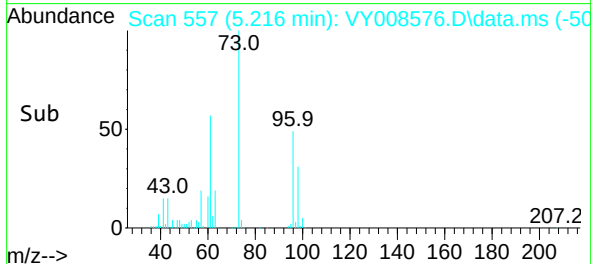
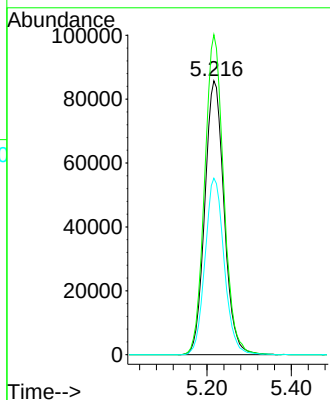
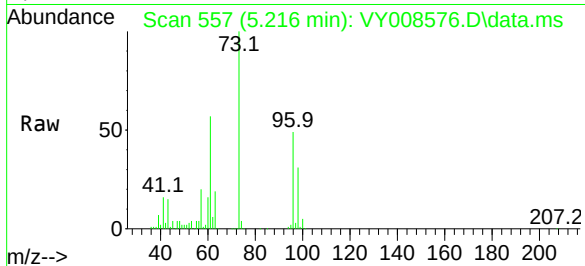




#21
trans-1,2-Dichloroethene
Concen: 151.208 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

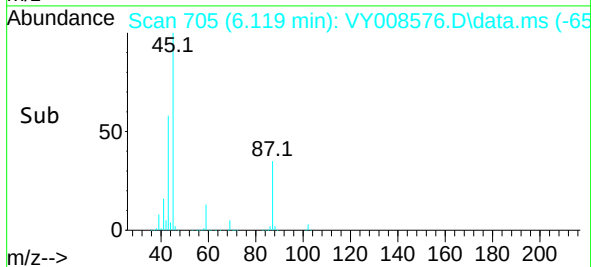
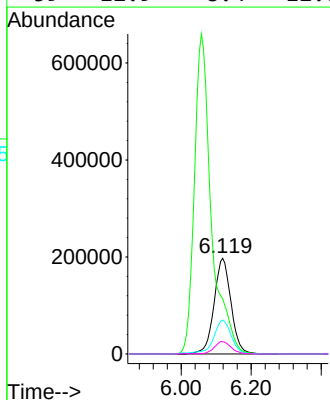
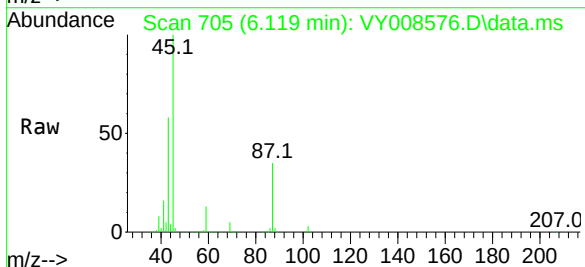
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

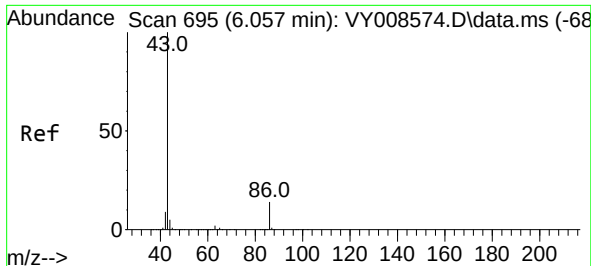
Tgt Ion: 96 Resp: 272448
Ion Ratio Lower Upper
96 100
61 116.8 120.5 180.7#
98 64.4 49.8 74.8



#22
Diisopropyl ether
Concen: 151.532 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 45 Resp: 664267
Ion Ratio Lower Upper
45 100
43 57.4 49.3 73.9
87 35.4 19.2 28.8#
59 12.9 8.4 12.6#

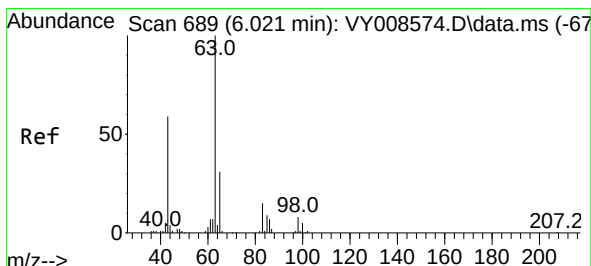
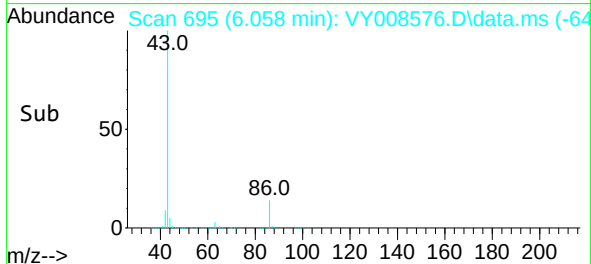
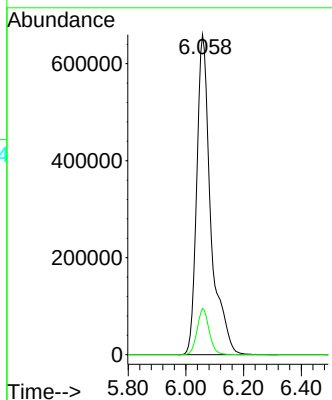
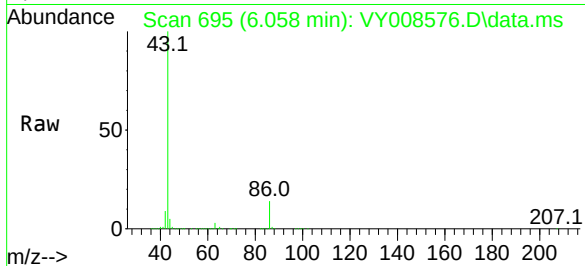




#23
 Vinyl Acetate
 Concen: 776.634 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008576.D
 Acq: 02 May 2022 17:04

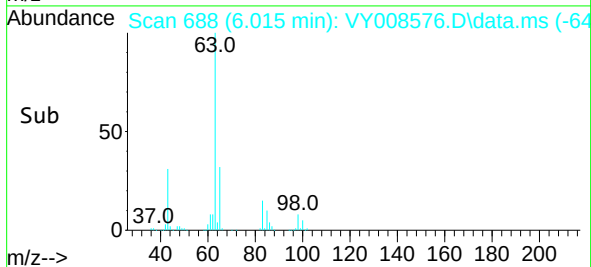
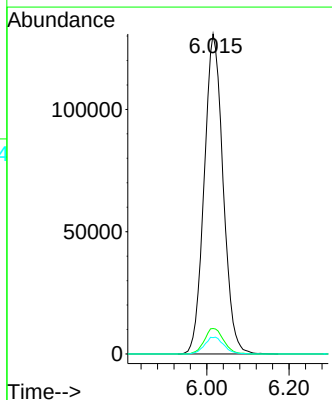
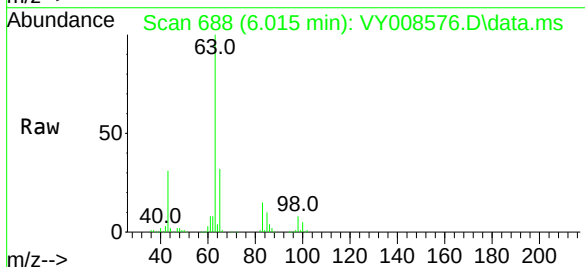
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

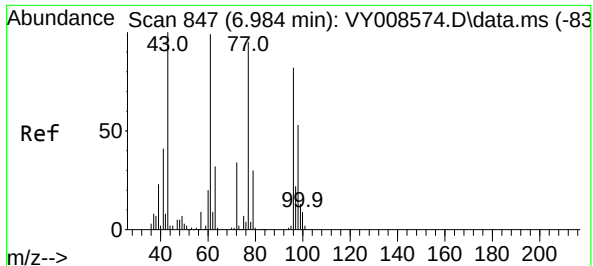
Tgt Ion: 43 Resp: 2223287
 Ion Ratio Lower Upper
 43 100
 86 14.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 151.073 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008576.D
 Acq: 02 May 2022 17:04

Tgt Ion: 63 Resp: 417454
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 723.403 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

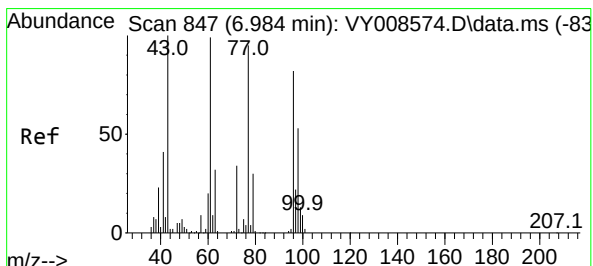
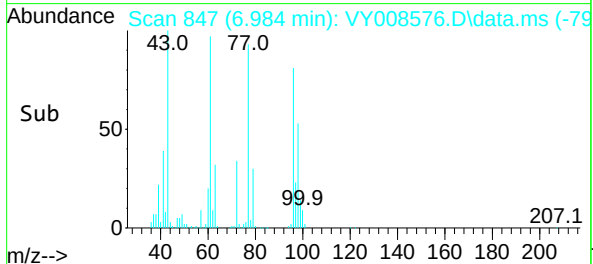
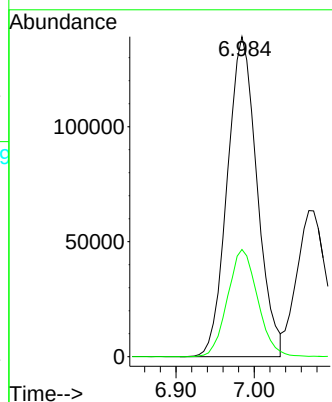
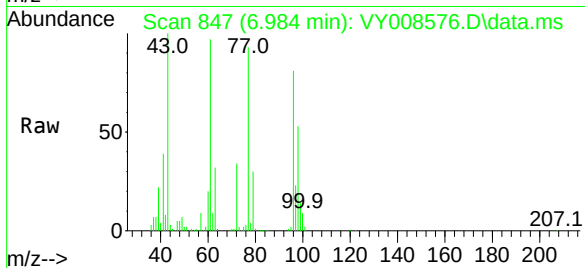
VSTDIC150

Tgt Ion: 43 Resp: 367537

Ion Ratio Lower Upper

43 100

72 33.5 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 151.144 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY008576.D

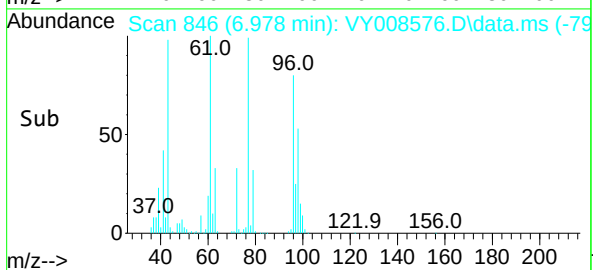
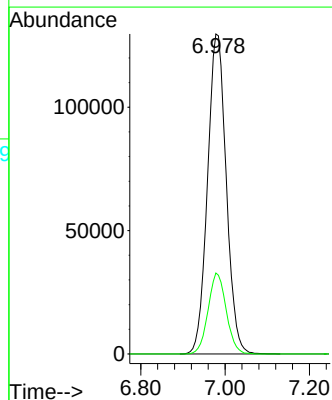
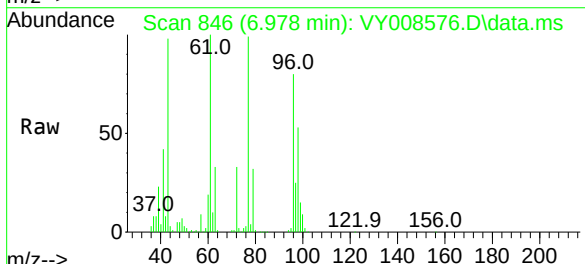
Acq: 02 May 2022 17:04

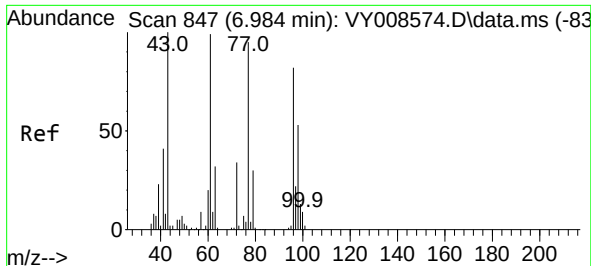
Tgt Ion: 77 Resp: 400014

Ion Ratio Lower Upper

77 100

97 24.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 149.409 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

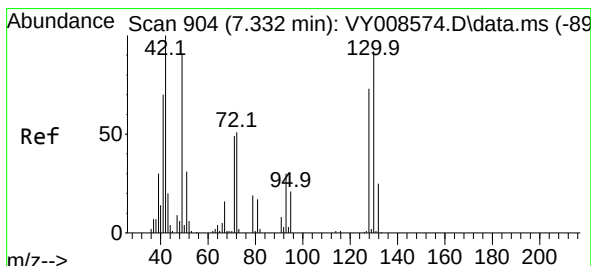
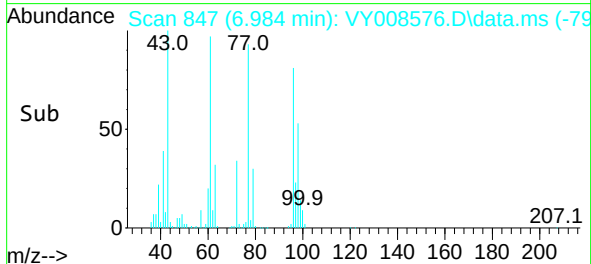
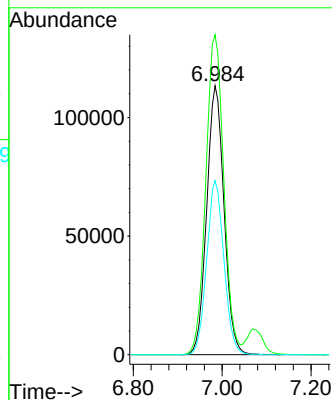
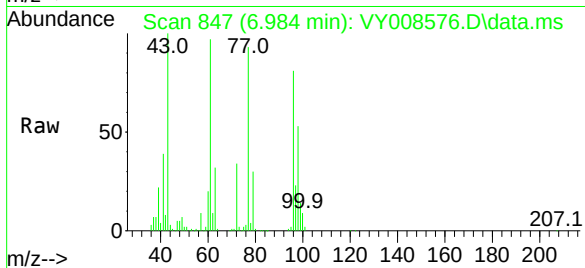
Tgt Ion: 96 Resp: 308091

Ion Ratio Lower Upper

96 100

61 123.3 0.0 319.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 151.207 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

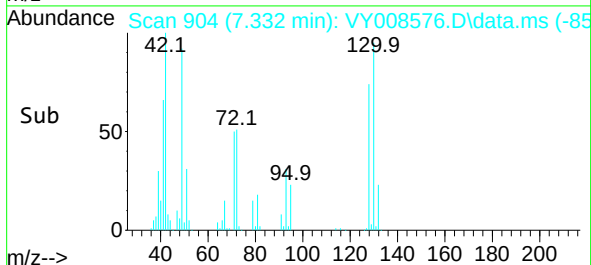
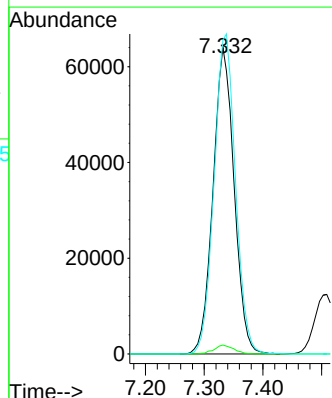
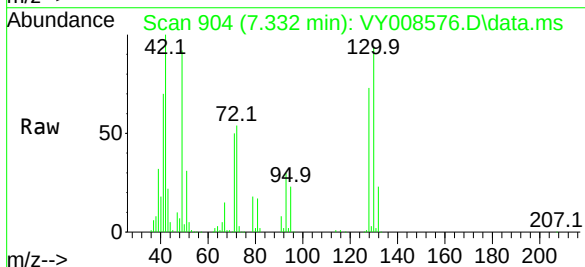
Tgt Ion: 49 Resp: 159761

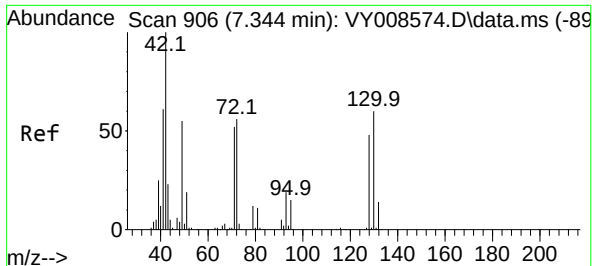
Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.2#

130 105.6 55.4 83.0#





#29

Tetrahydrofuran

Concen: 736.108 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

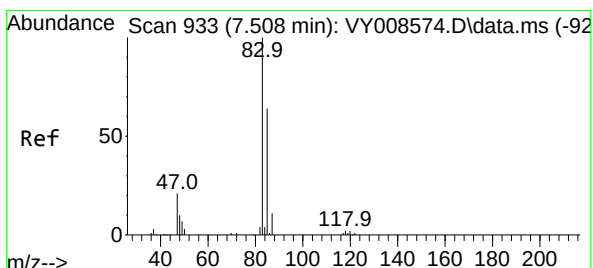
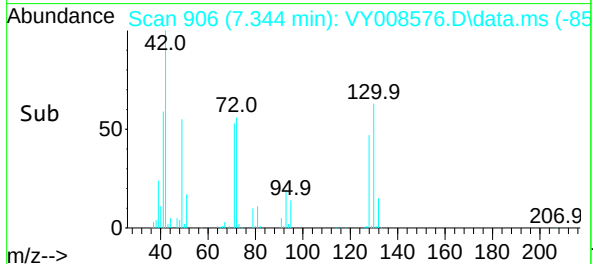
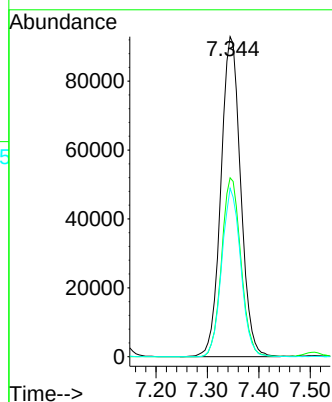
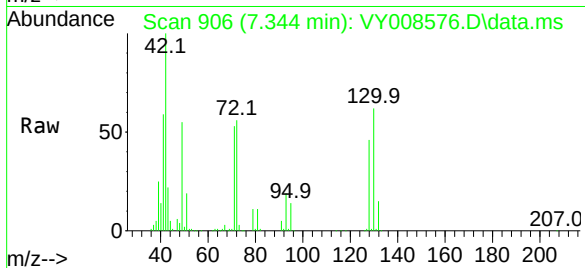
Tgt Ion: 42 Resp: 248050

Ion Ratio Lower Upper

42 100

72 54.6 30.3 45.5#

71 50.7 29.0 43.4#



#30

Chloroform

Concen: 148.731 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008576.D

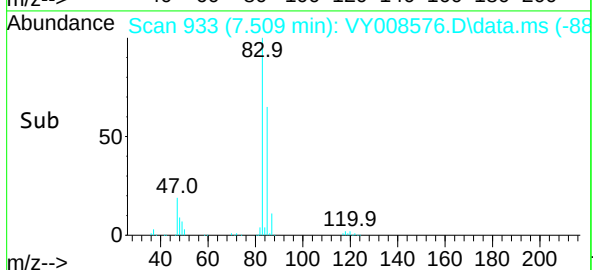
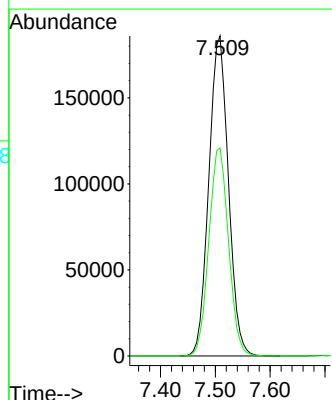
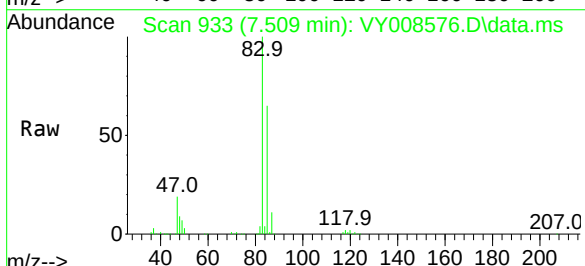
Acq: 02 May 2022 17:04

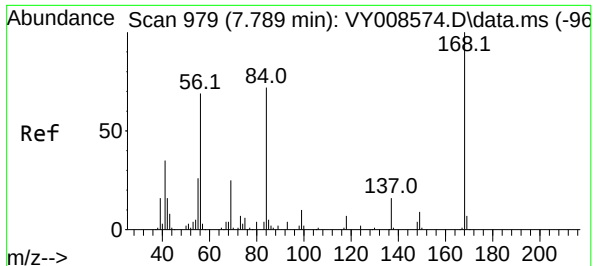
Tgt Ion: 83 Resp: 460492

Ion Ratio Lower Upper

83 100

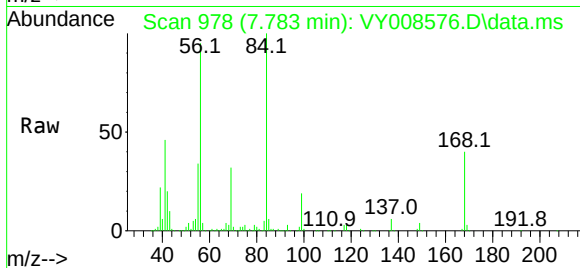
85 65.1 51.8 77.6



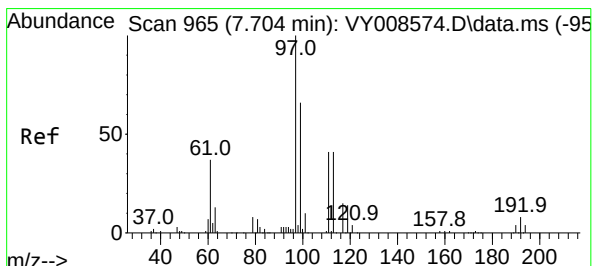
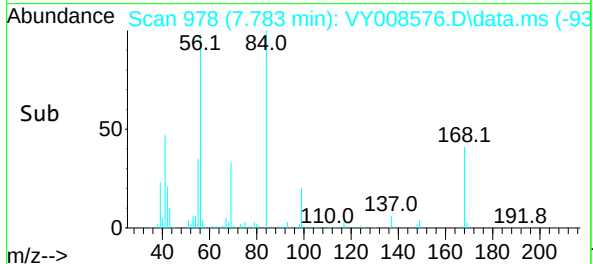
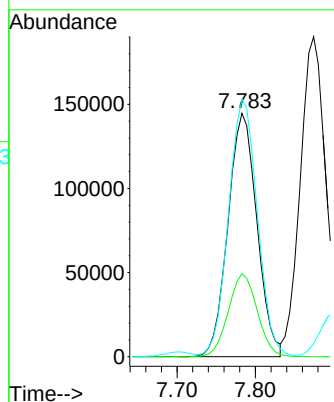


#31
Cyclohexane
Concen: 146.453 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

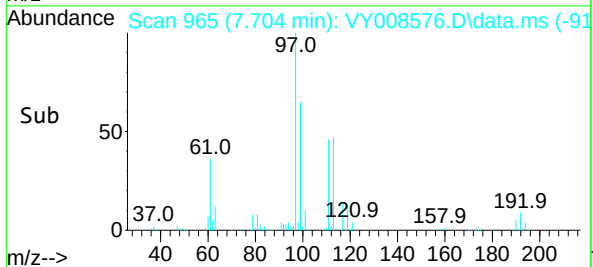
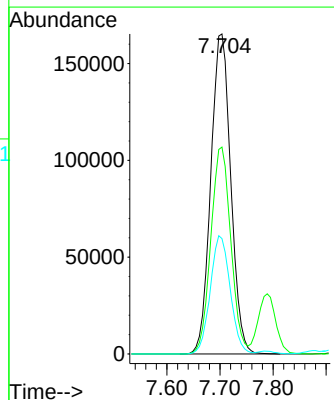
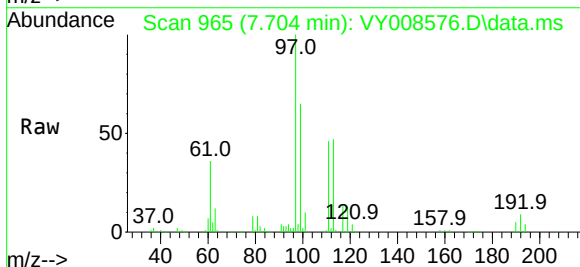


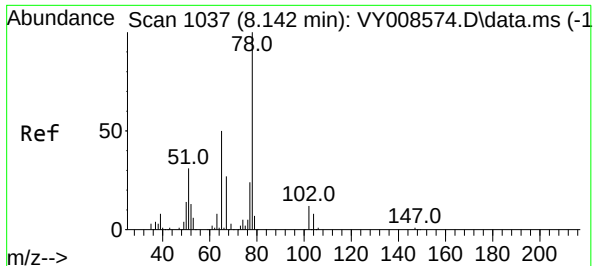
Tgt Ion: 56 Resp: 371347
Ion Ratio Lower Upper
56 100
69 34.0 26.7 40.1
84 103.8 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 152.159 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 97 Resp: 432130
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 36.9 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 165.047 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

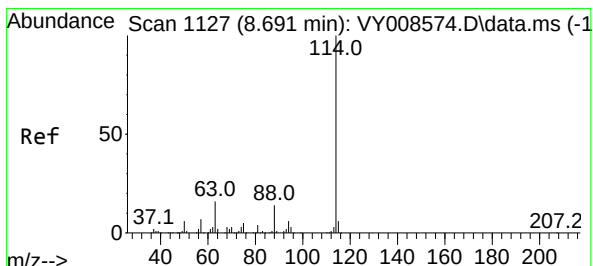
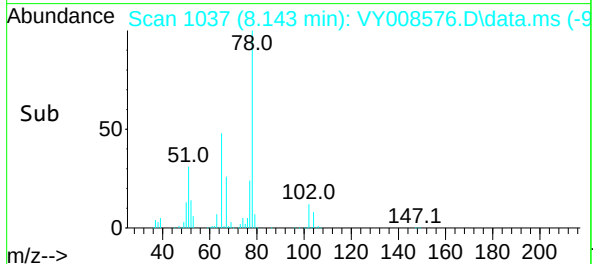
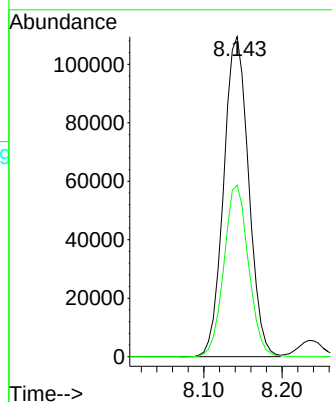
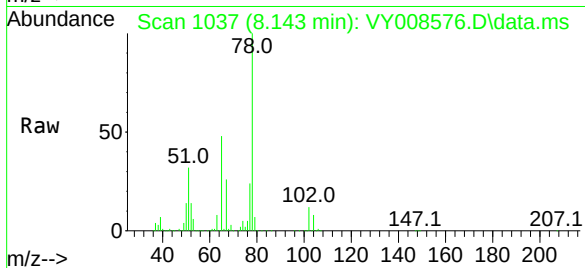
VSTDIC150

Tgt Ion: 65 Resp: 242459

Ion Ratio Lower Upper

65 100

67 52.7 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: VY008576.D

Acq: 02 May 2022 17:04

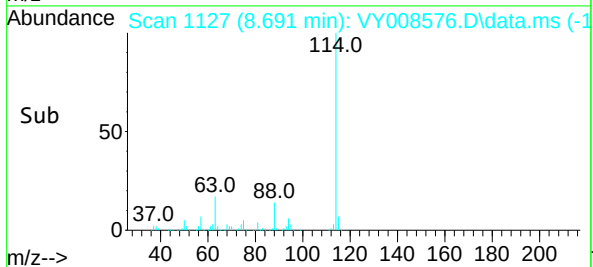
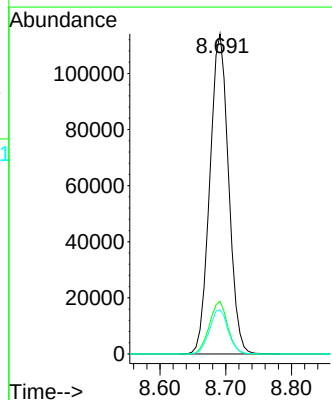
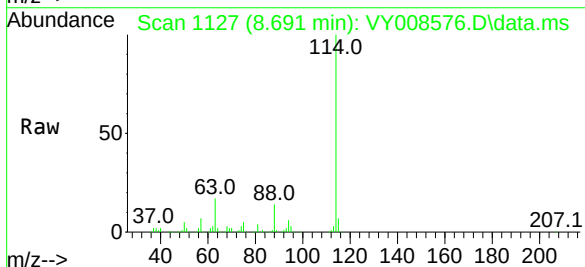
Tgt Ion: 114 Resp: 225664

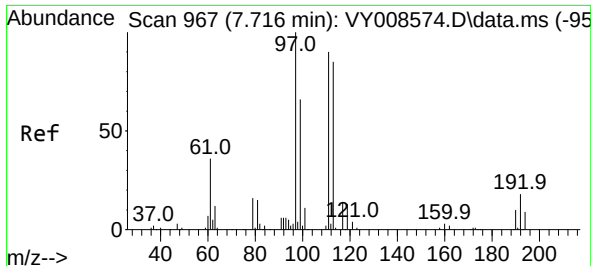
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.8 0.0 31.8

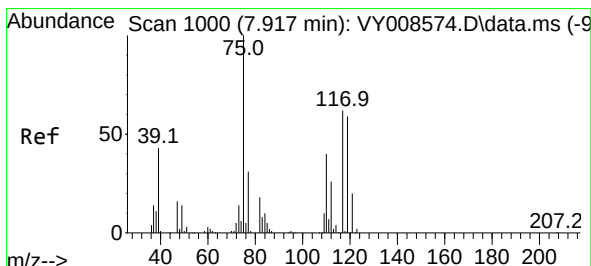
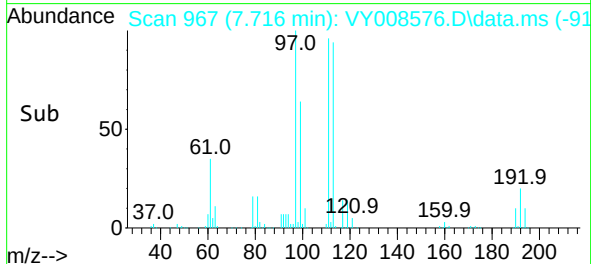
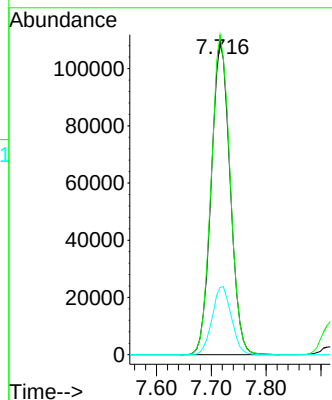
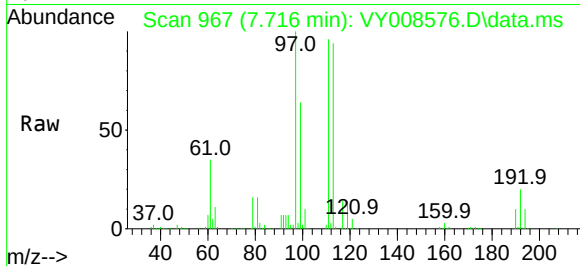




#35
Dibromofluoromethane
Concen: 175.214 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

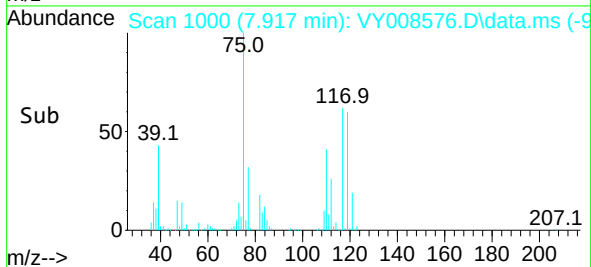
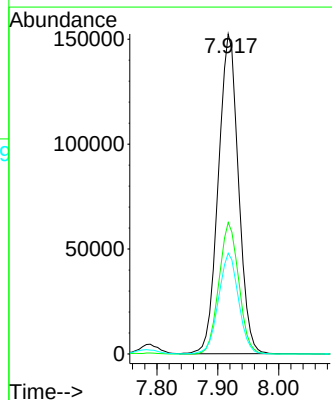
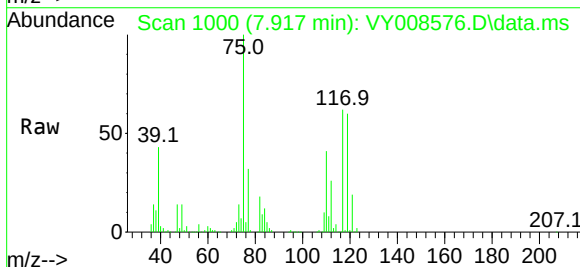
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

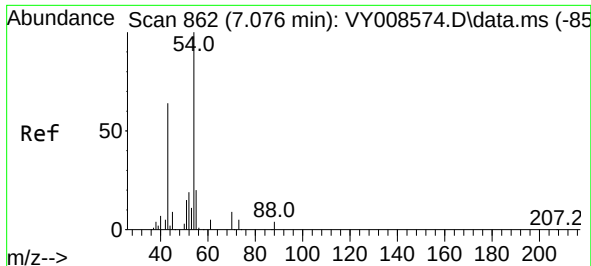
Tgt Ion:113 Resp: 261632
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 150.838 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 75 Resp: 350240
Ion Ratio Lower Upper
75 100
110 40.4 17.1 51.2
77 31.4 24.4 36.6

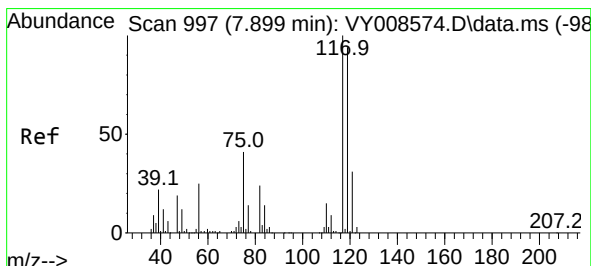
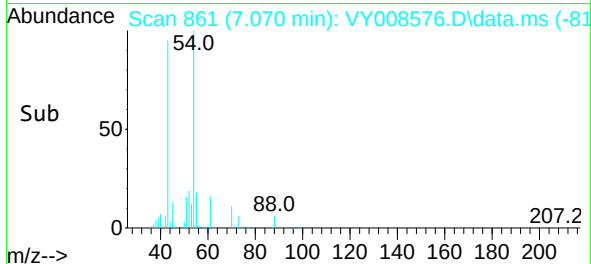
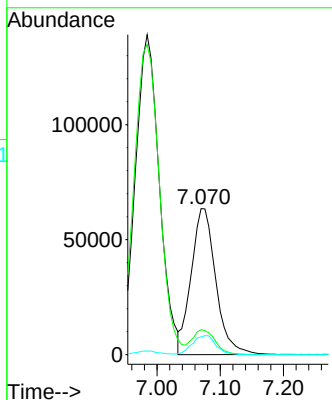
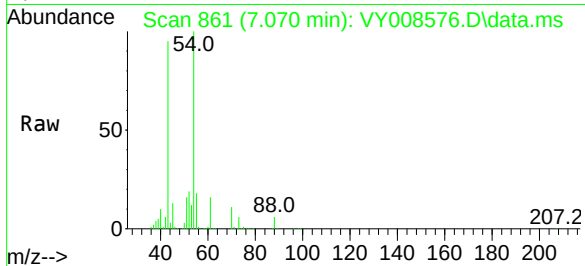




#37
Ethyl Acetate
Concen: 144.149 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

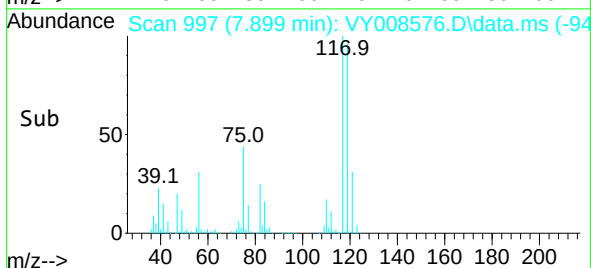
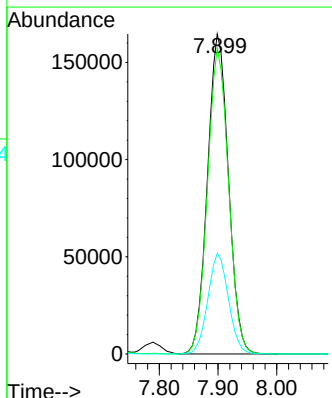
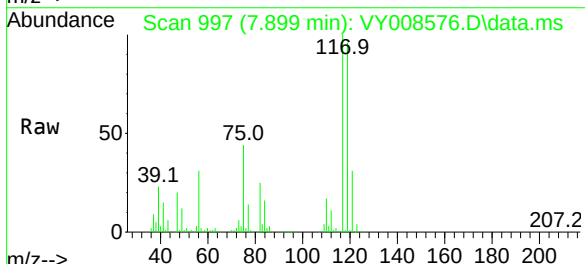
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

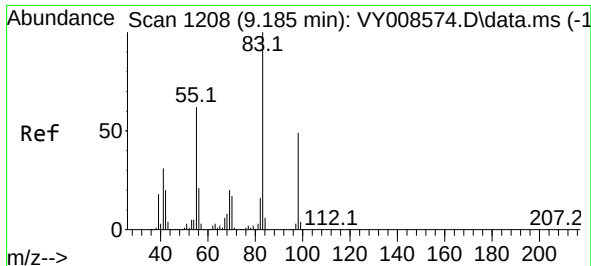
Tgt Ion: 43 Resp: 171648
Ion Ratio Lower Upper
43 100
61 15.7 9.7 14.5#
70 12.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 154.125 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 117 Resp: 408282
Ion Ratio Lower Upper
117 100
119 95.6 77.9 116.9
121 31.4 24.8 37.2

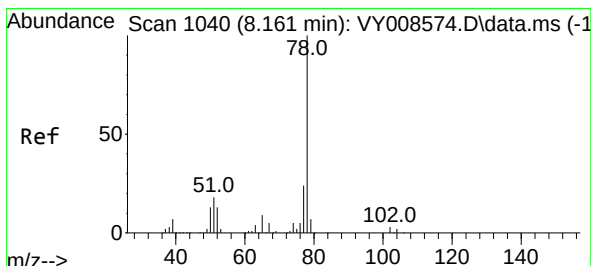
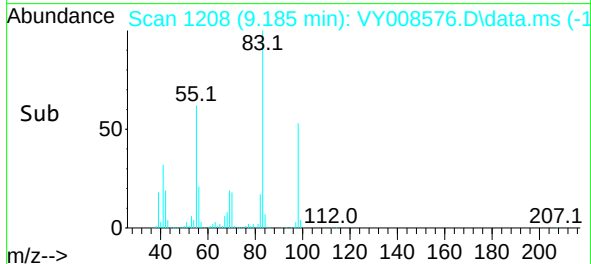
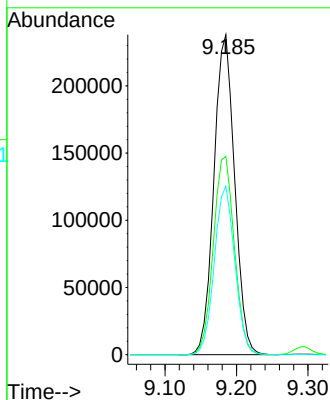
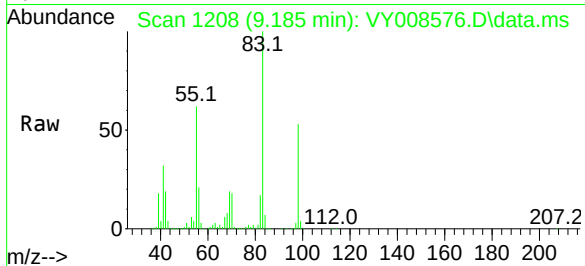




#39
Methylcyclohexane
Concen: 156.499 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

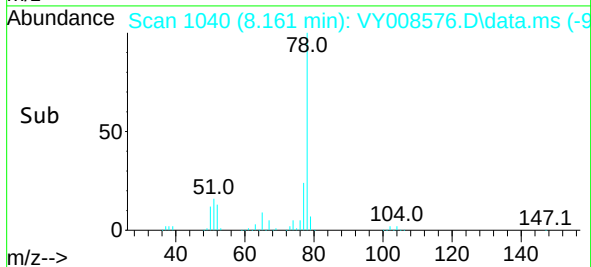
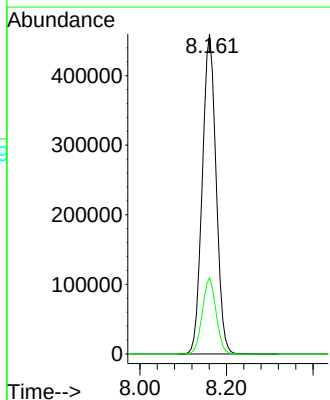
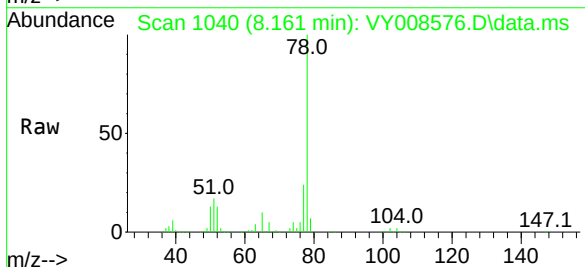
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

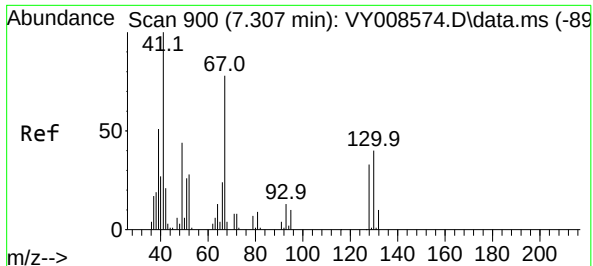
Tgt Ion: 83 Resp: 479353
Ion Ratio Lower Upper
83 100
55 62.0 66.5 99.7#
98 52.6 37.9 56.9



#40
Benzene
Concen: 151.240 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 78 Resp: 1014349
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6

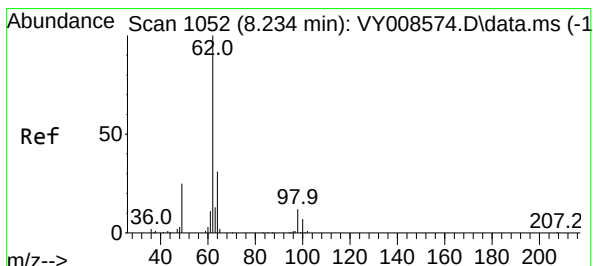
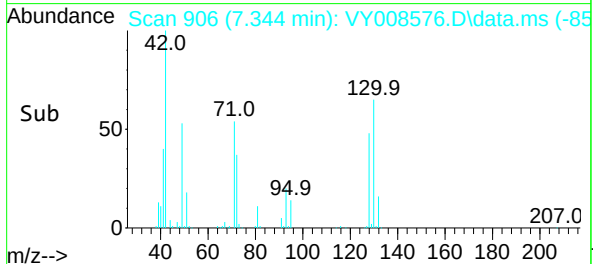
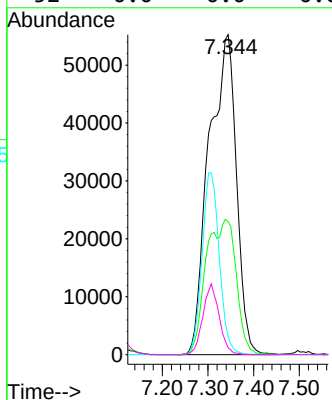
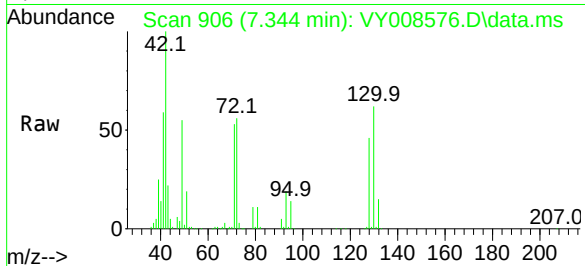




#41
Methacrylonitrile
Concen: 439.883 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

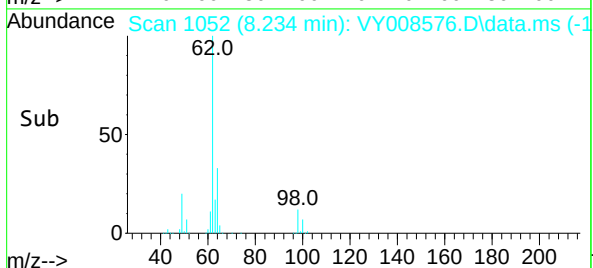
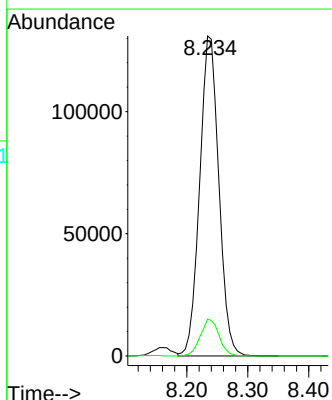
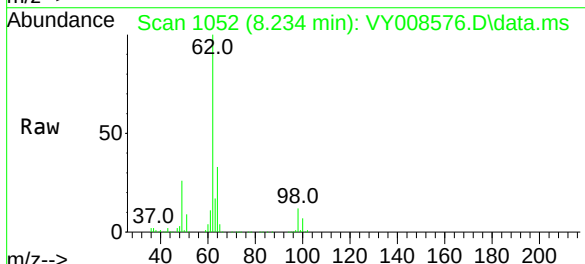
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

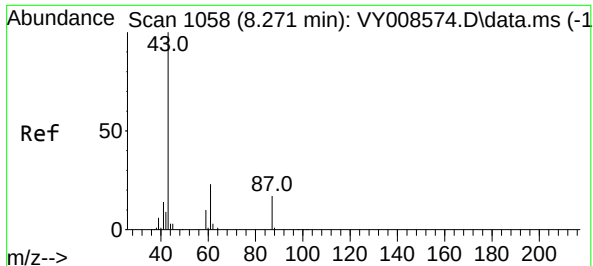
Tgt Ion: 41 Resp: 229799
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 147.231 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 62 Resp: 285811
Ion Ratio Lower Upper
62 100
98 11.2 0.0 14.8





#43

Isopropyl Acetate

Concen: 150.485 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

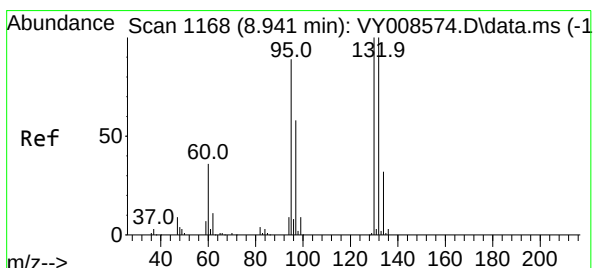
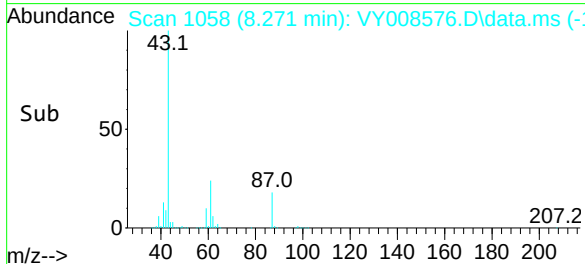
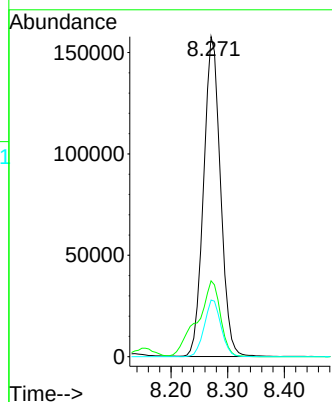
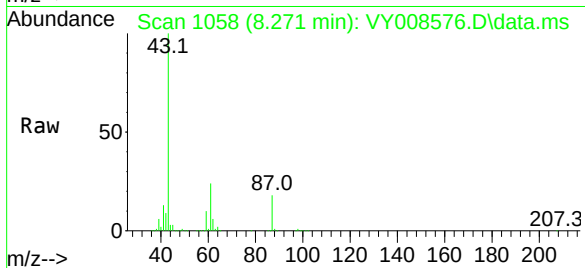
Tgt Ion: 43 Resp: 326038

Ion Ratio Lower Upper

43 100

61 32.4 20.2 30.2#

87 17.6 8.9 13.3#



#44

Trichloroethene

Concen: 150.577 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY008576.D

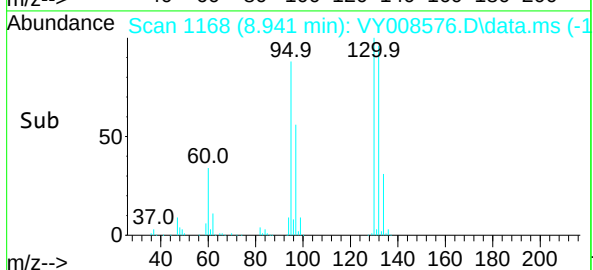
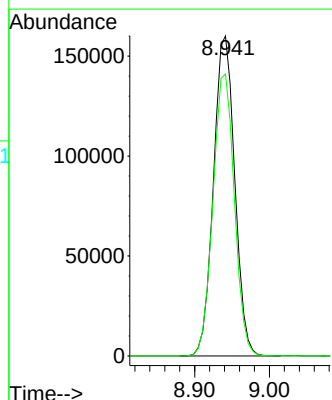
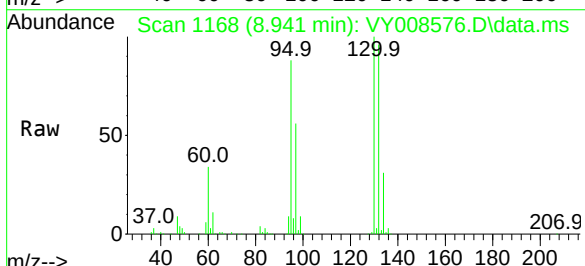
Acq: 02 May 2022 17:04

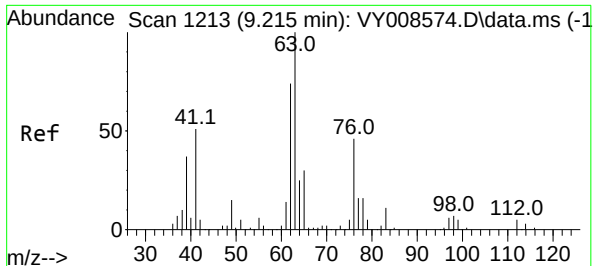
Tgt Ion:130 Resp: 316787

Ion Ratio Lower Upper

130 100

95 88.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 152.413 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

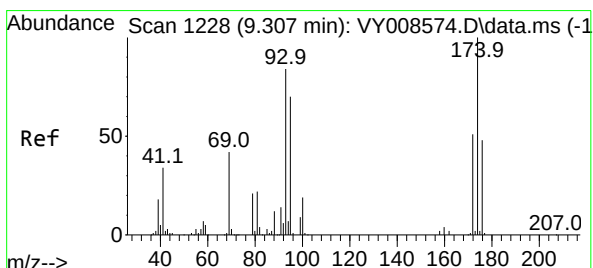
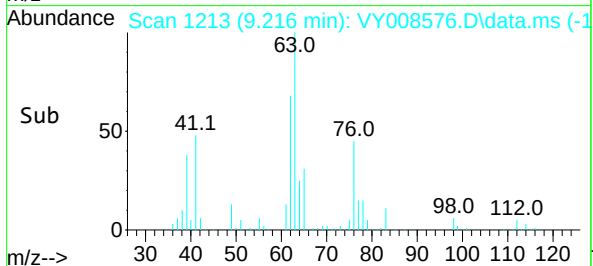
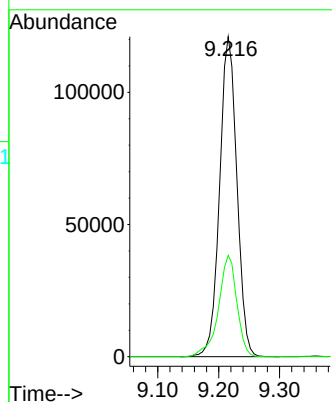
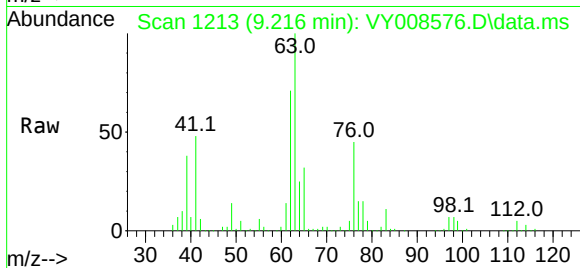
VSTDIC150

Tgt Ion: 63 Resp: 238474

Ion Ratio Lower Upper

63 100

65 31.6 23.0 34.6



#46

Dibromomethane

Concen: 146.726 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

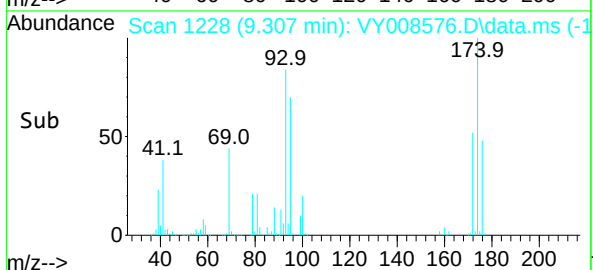
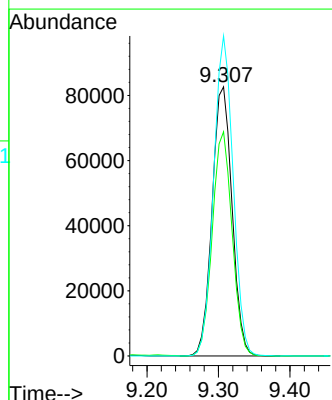
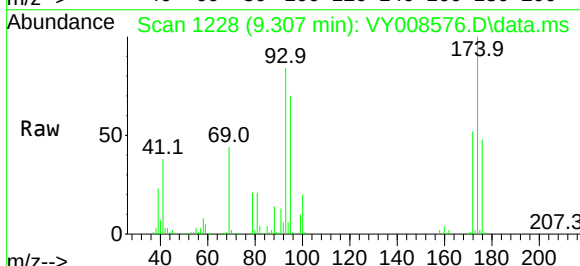
Tgt Ion: 93 Resp: 160263

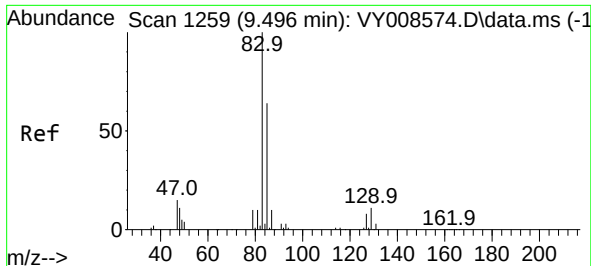
Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

174 116.0 83.4 125.0

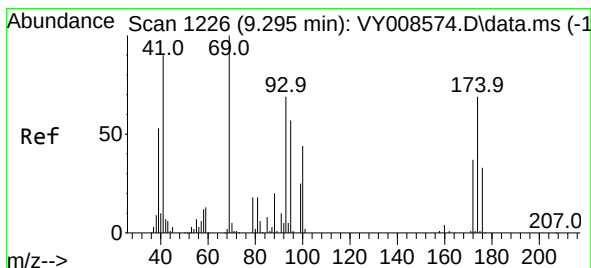
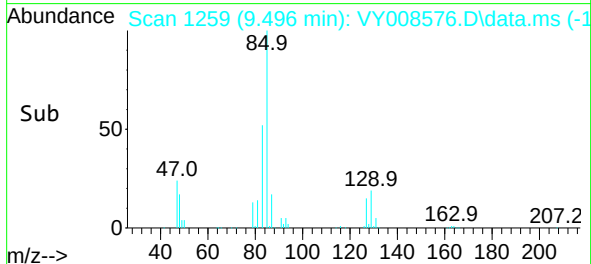
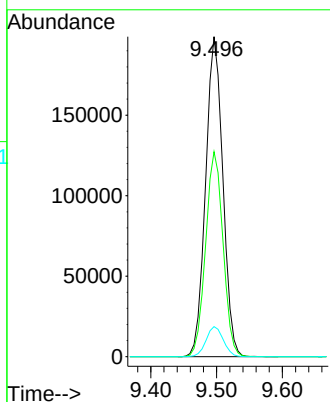
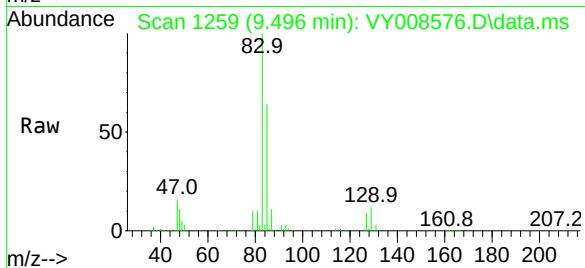




#47
Bromodichloromethane
Concen: 152.416 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

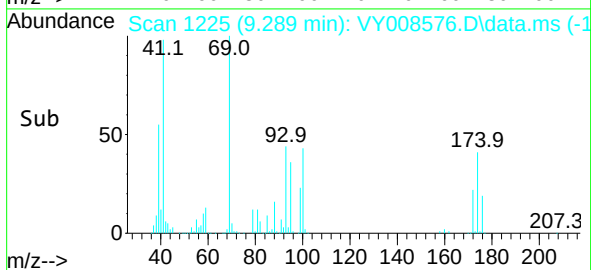
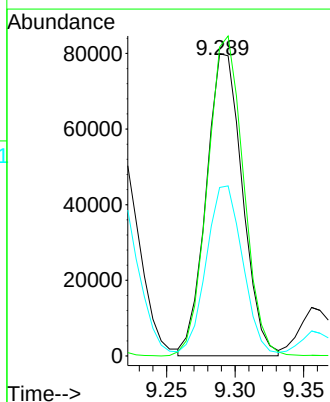
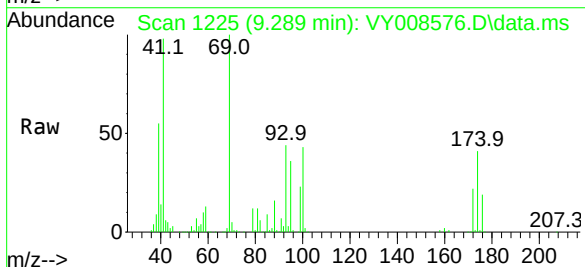
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

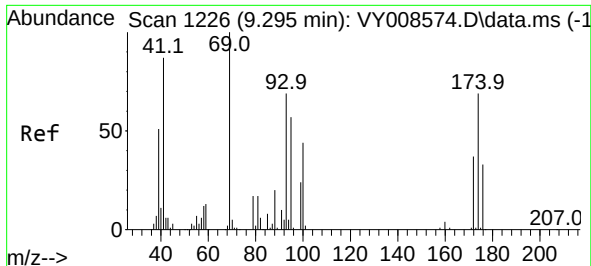
Tgt Ion: 83 Resp: 362741
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 154.178 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 41 Resp: 146829
Ion Ratio Lower Upper
41 100
69 105.3 58.2 87.2#
39 54.7 47.4 71.0





#49

1,4-Dioxane

Concen: 3056.499 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

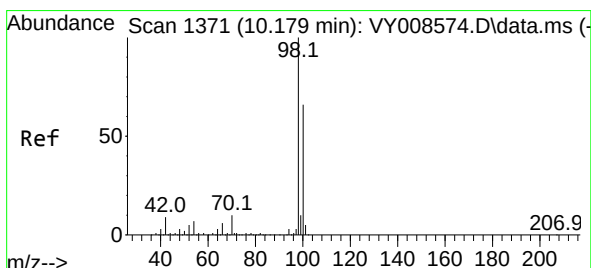
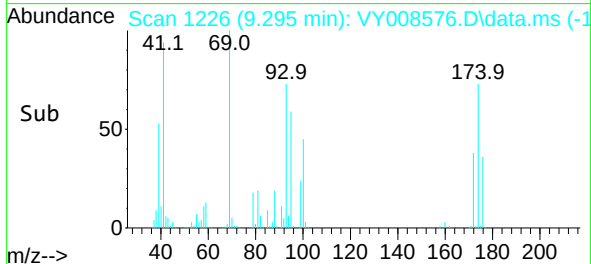
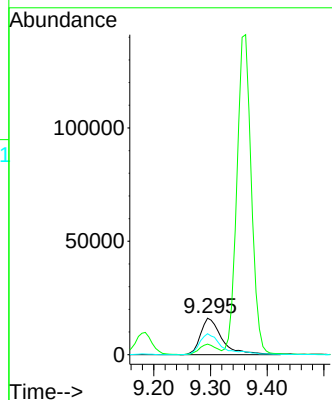
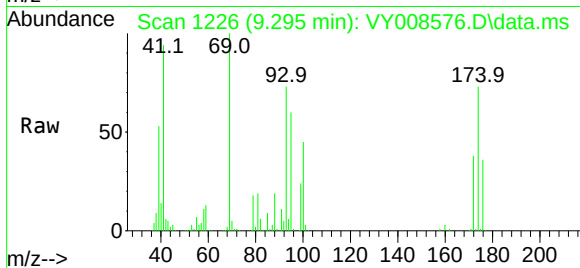
Tgt Ion: 88 Resp: 42330

Ion Ratio Lower Upper

88 100

43 23.2 32.8 49.2#

58 60.7 59.8 89.6



#50

Toluene-d8

Concen: 181.901 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008576.D

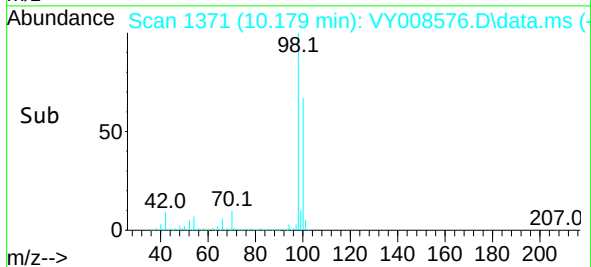
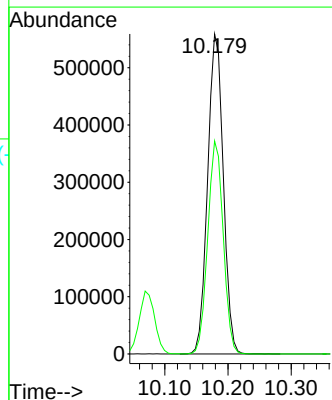
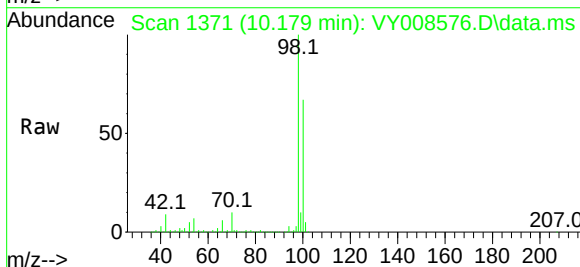
Acq: 02 May 2022 17:04

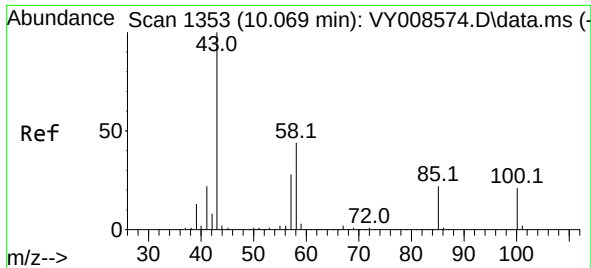
Tgt Ion: 98 Resp: 962289

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2

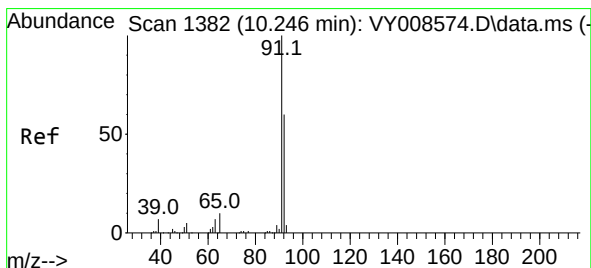
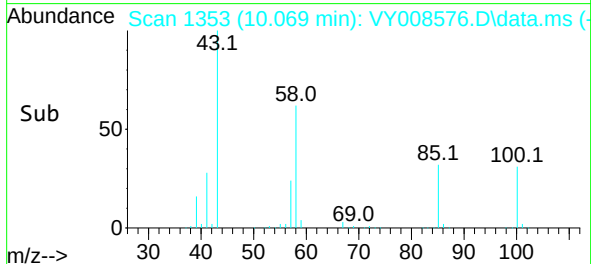
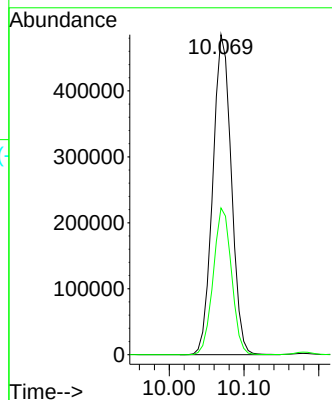
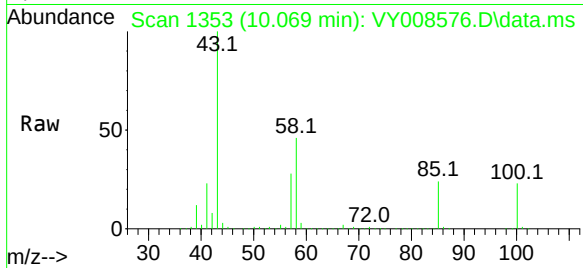




#51
4-Methyl-2-Pentanone
Concen: 736.840 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

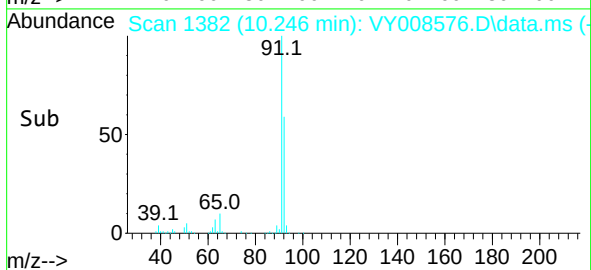
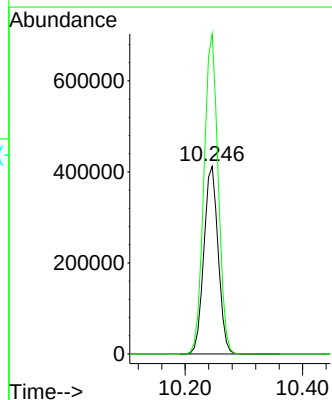
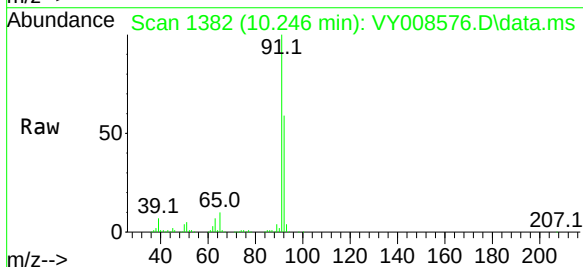
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

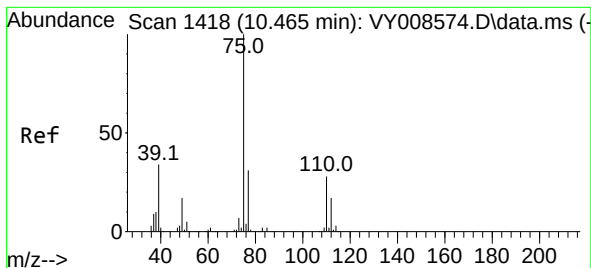
Tgt Ion: 43 Resp: 837926
Ion Ratio Lower Upper
43 100
58 45.2 28.1 42.1#



#52
Toluene
Concen: 154.537 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 92 Resp: 692770
Ion Ratio Lower Upper
92 100
91 170.4 142.6 213.8

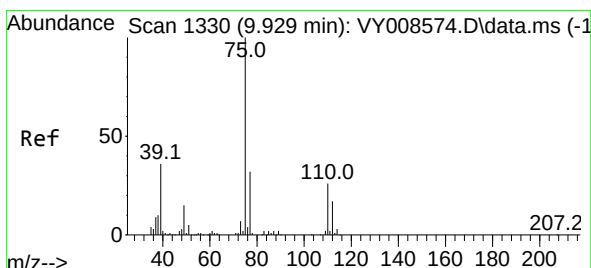
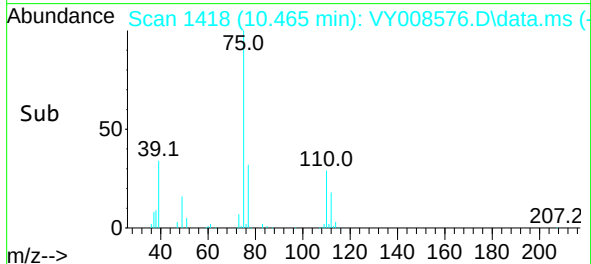
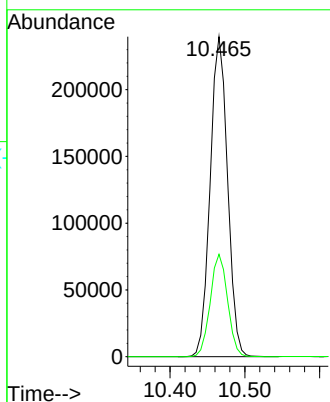
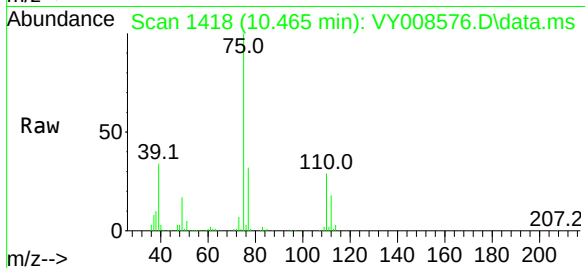




#53
 t-1,3-Dichloropropene
 Concen: 153.998 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008576.D
 Acq: 02 May 2022 17:04

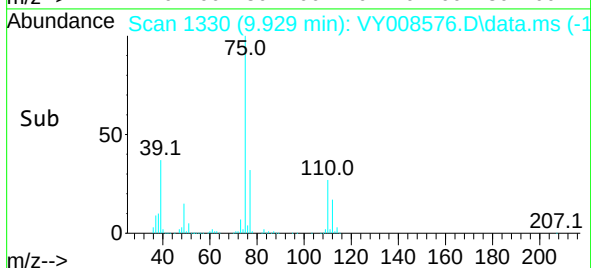
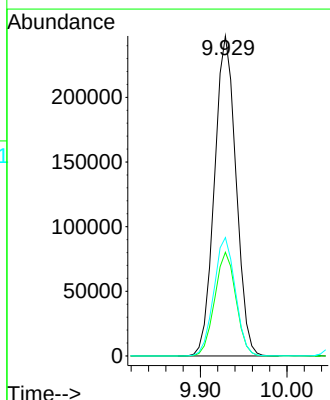
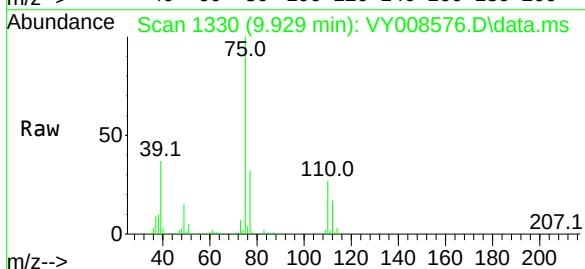
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

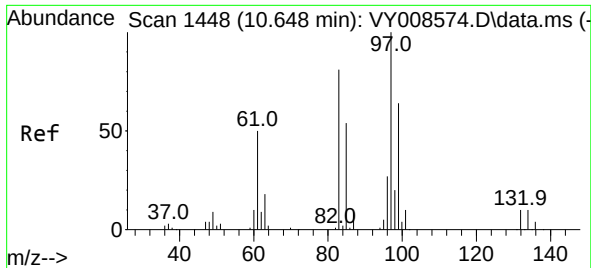
Tgt Ion: 75 Resp: 387455
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 152.952 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008576.D
 Acq: 02 May 2022 17:04

Tgt Ion: 75 Resp: 427533
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.6 38.4
 39 37.0 47.6 71.4#



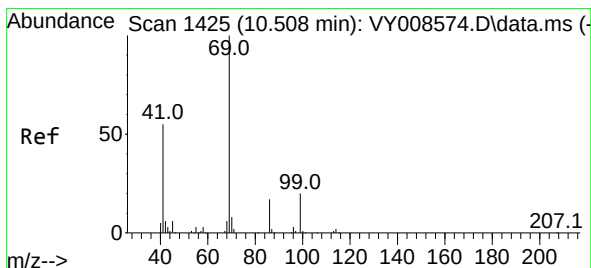
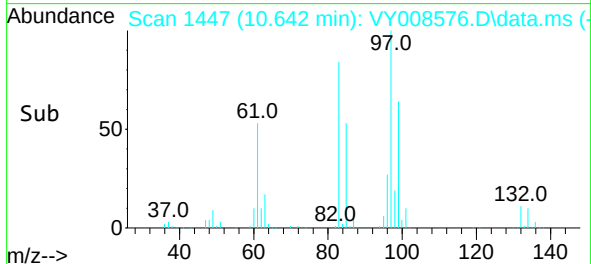
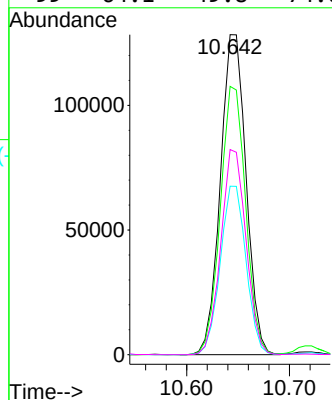
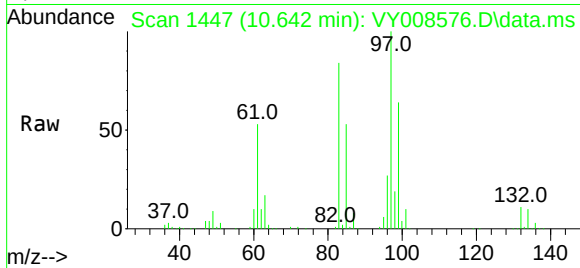


#55
1,1,2-Trichloroethane
Concen: 146.481 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 222951

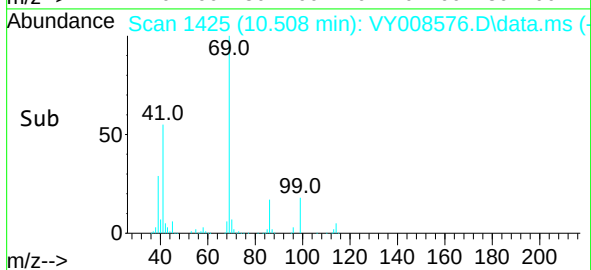
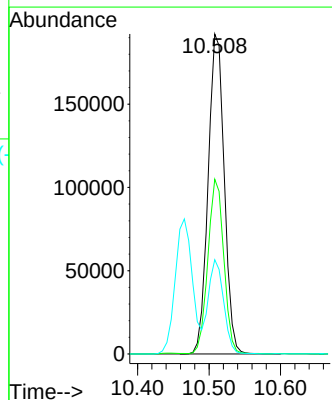
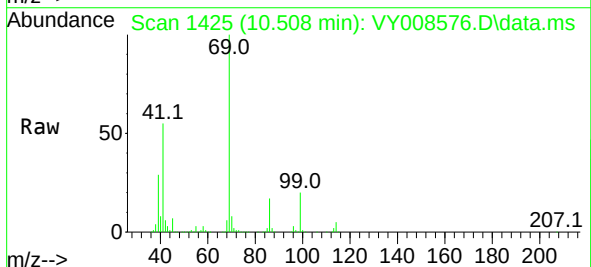
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.8	104.8
85	52.7	44.3	66.5
99	64.1	49.8	74.6

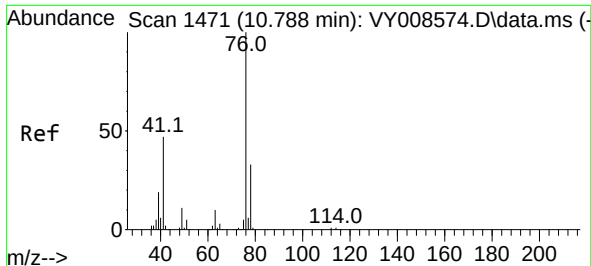


#56
Ethyl methacrylate
Concen: 156.695 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 69 Resp: 301278

Ion	Ratio	Lower	Upper
69	100		
41	53.6	63.4	95.0#
39	27.8	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 147.721 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

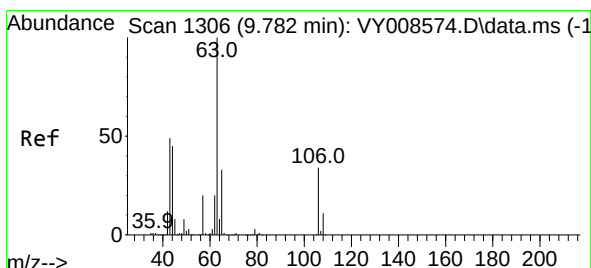
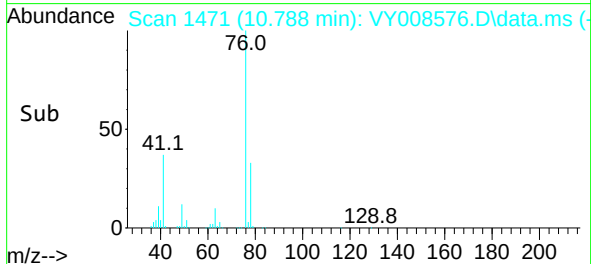
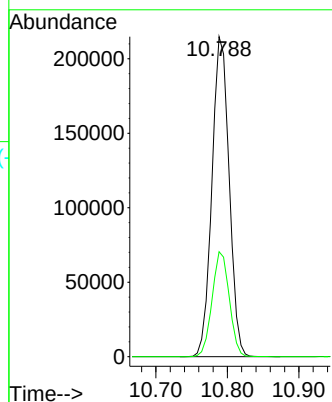
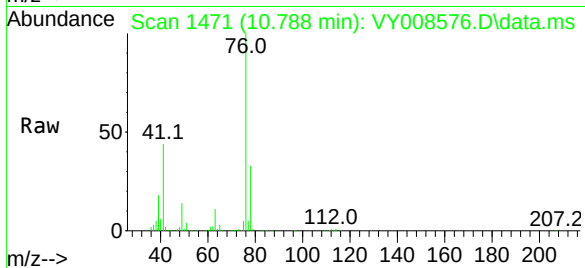
VSTDIC150

Tgt Ion: 76 Resp: 358920

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 785.386 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008576.D

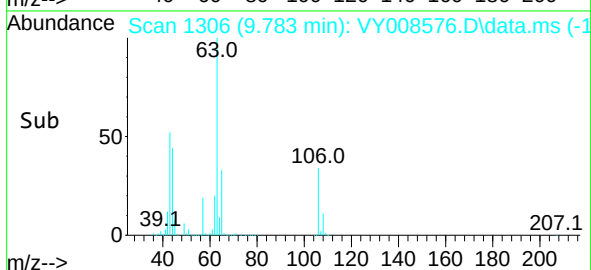
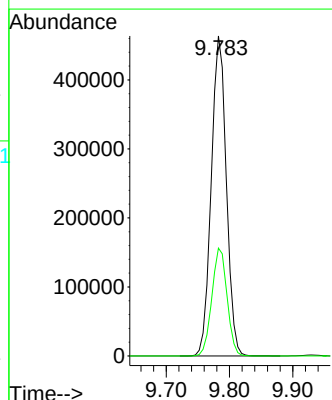
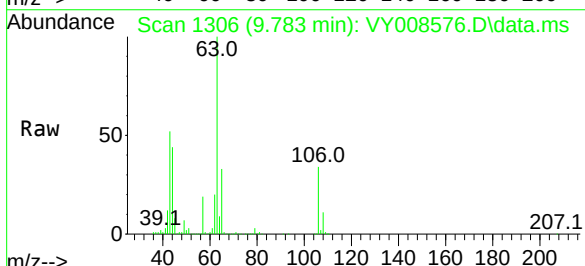
Acq: 02 May 2022 17:04

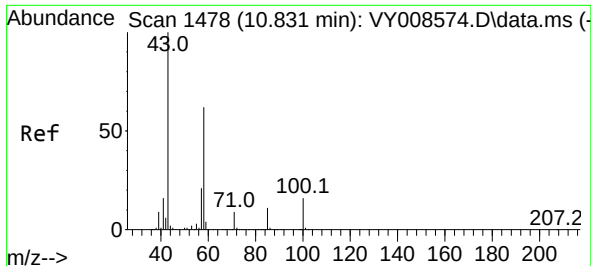
Tgt Ion: 63 Resp: 766439

Ion Ratio Lower Upper

63 100

106 34.0 21.5 32.3#

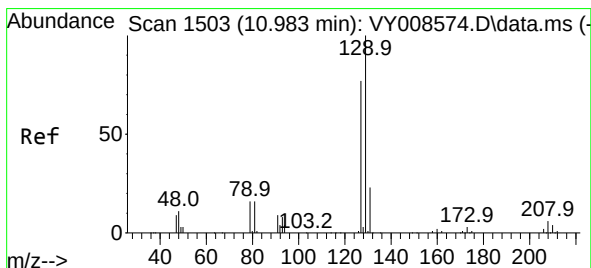
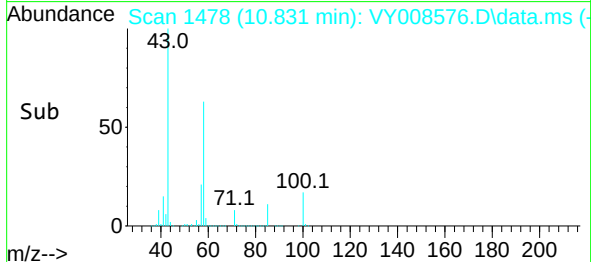
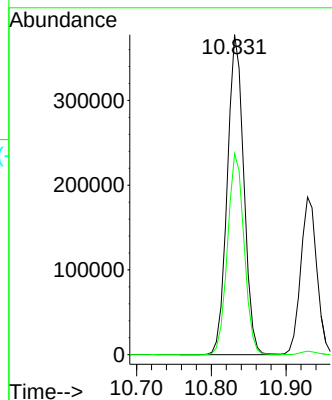
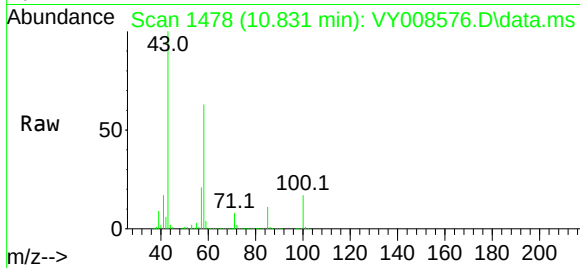




#59
2-Hexanone
Concen: 749.011 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

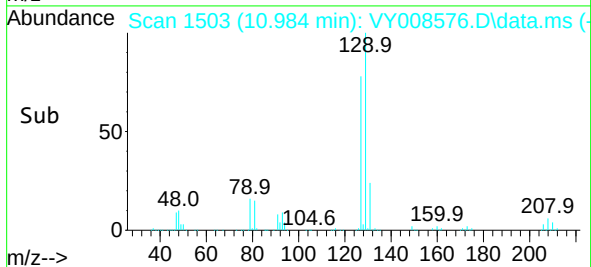
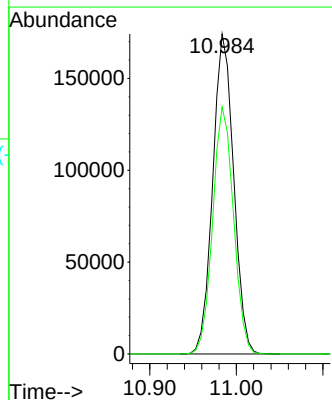
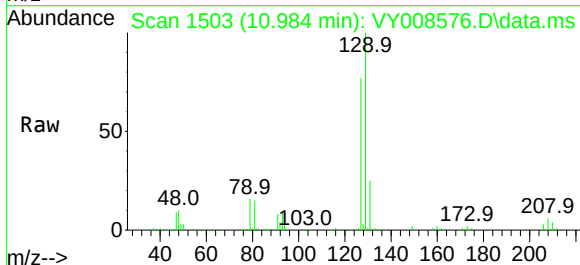
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

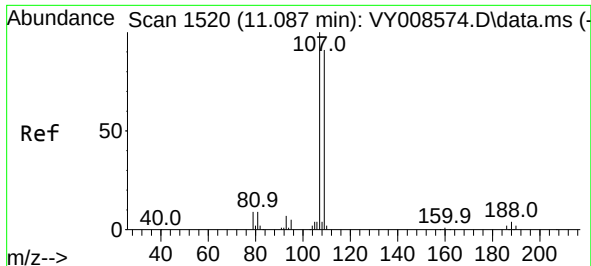
Tgt Ion: 43 Resp: 580062
Ion Ratio Lower Upper
43 100
58 63.1 24.4 73.4



#60
Dibromochloromethane
Concen: 153.119 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 129 Resp: 291521
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

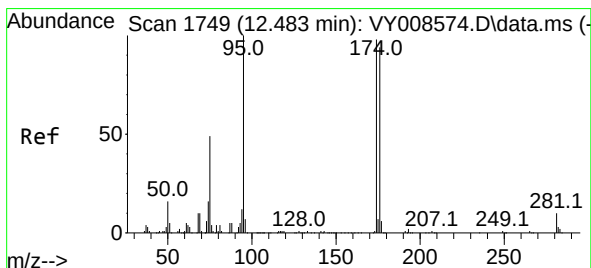
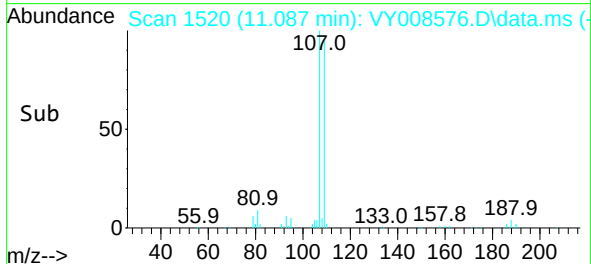
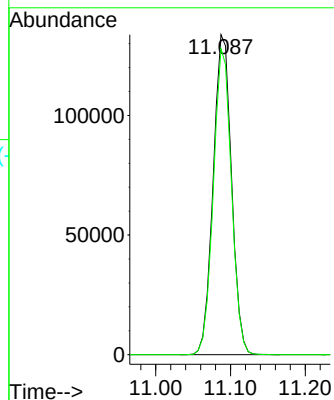
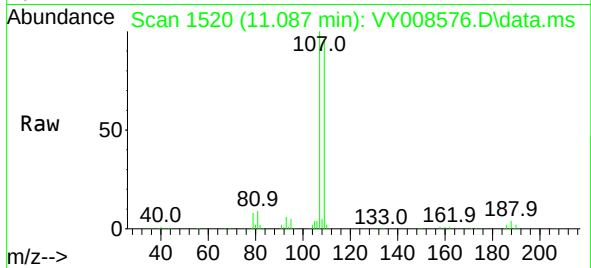




#61
1,2-Dibromoethane
Concen: 147.656 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

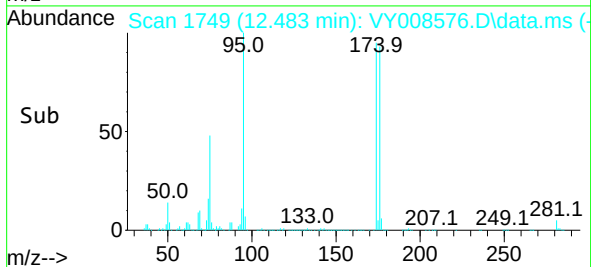
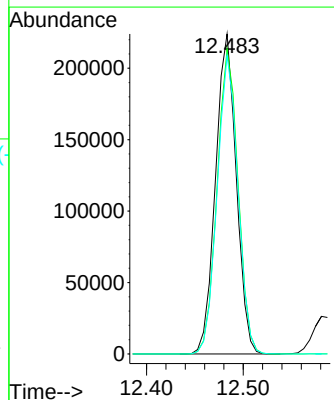
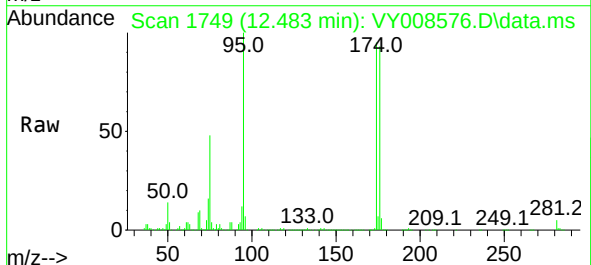
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

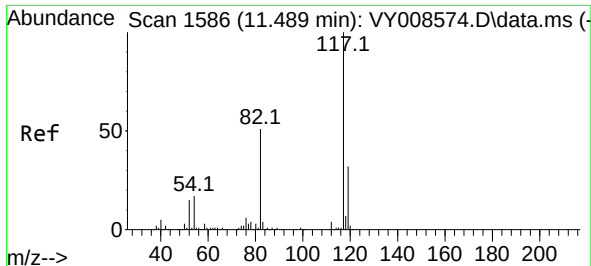
Tgt Ion:107 Resp: 227452
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 171.780 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 95 Resp: 333077
Ion Ratio Lower Upper
95 100
174 96.0 0.0 177.0
176 93.3 0.0 175.8

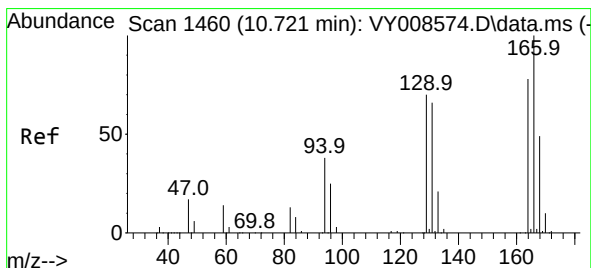
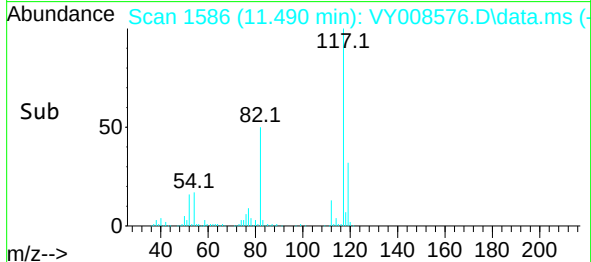
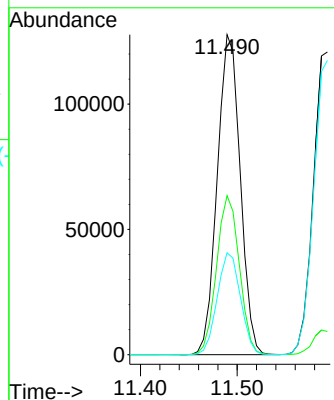
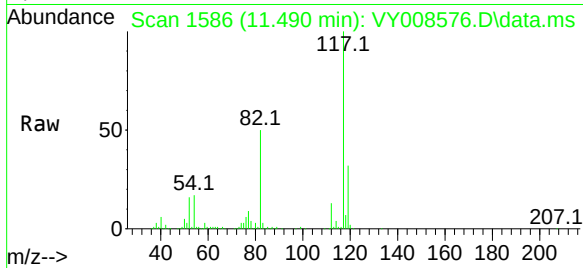




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

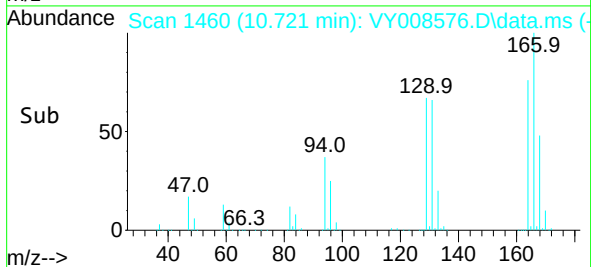
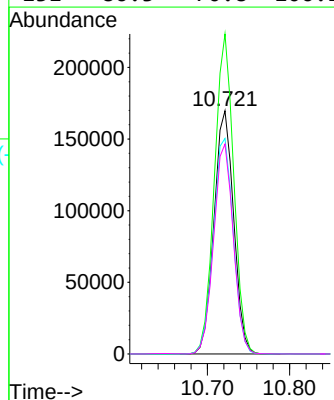
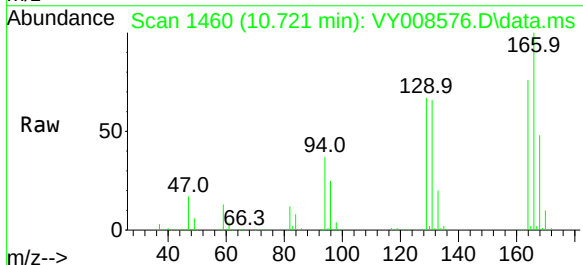
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

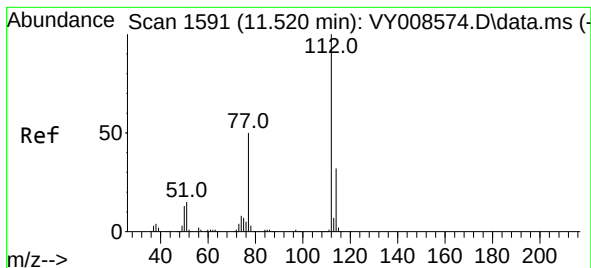
Tgt Ion:117 Resp: 210429
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 147.017 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion:164 Resp: 282215
Ion Ratio Lower Upper
164 100
166 131.5 100.4 150.6
129 88.6 71.4 107.0
131 86.3 70.8 106.2





#65

Chlorobenzene

Concen: 151.588 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

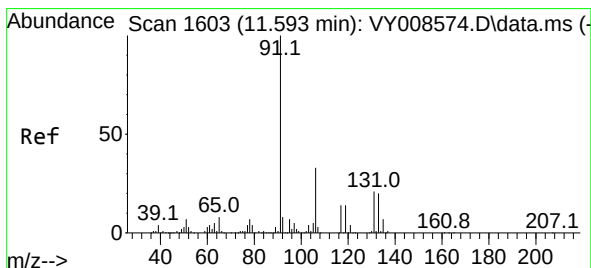
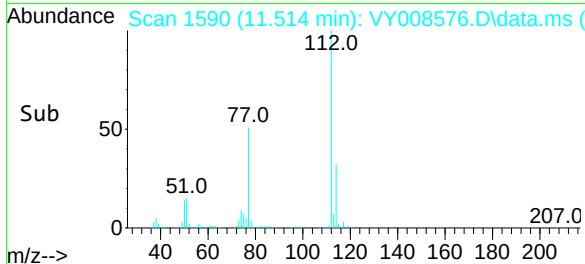
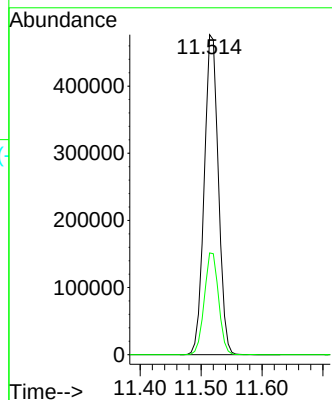
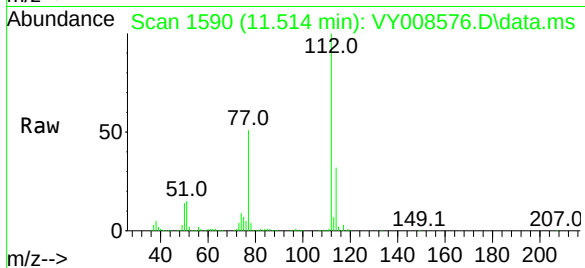
VSTDIC150

Tgt Ion:112 Resp: 768358

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 153.789 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

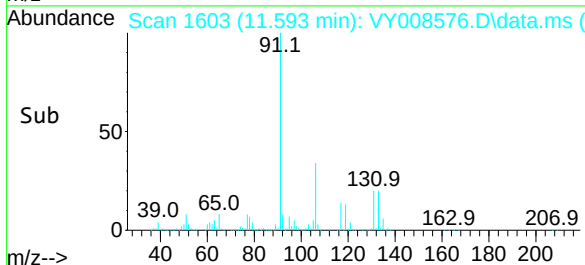
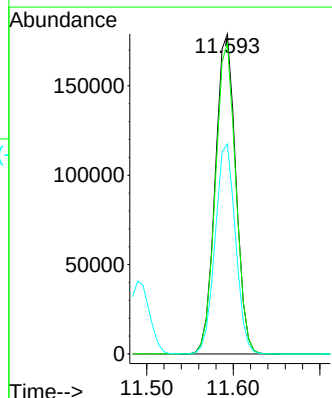
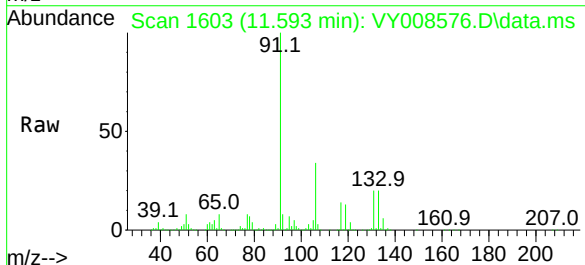
Tgt Ion:131 Resp: 294292

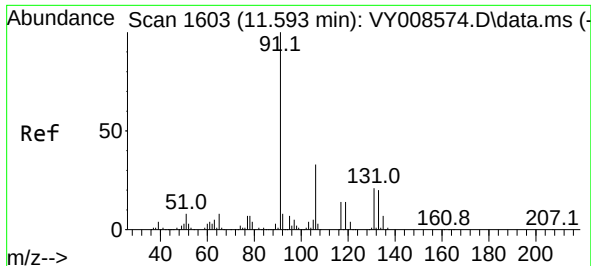
Ion Ratio Lower Upper

131 100

133 96.4 47.9 143.6

119 65.3 30.8 92.3

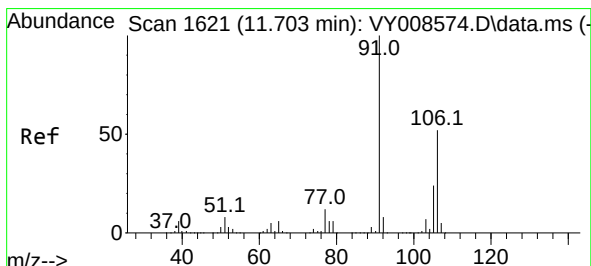
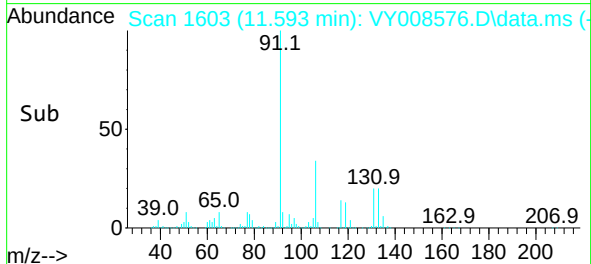
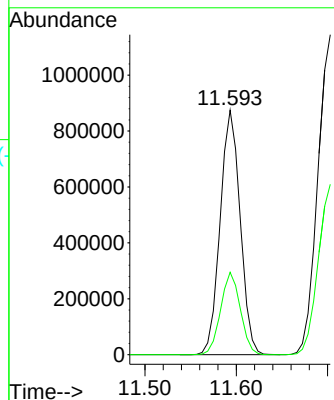
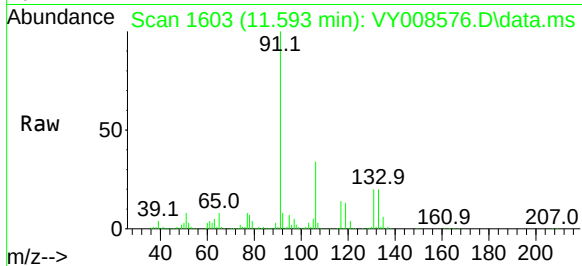




#67
Ethyl Benzene
Concen: 156.344 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

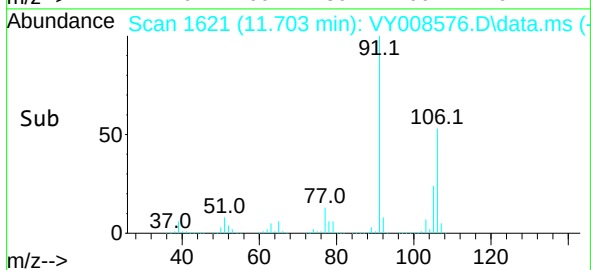
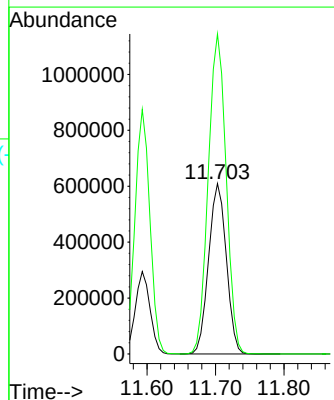
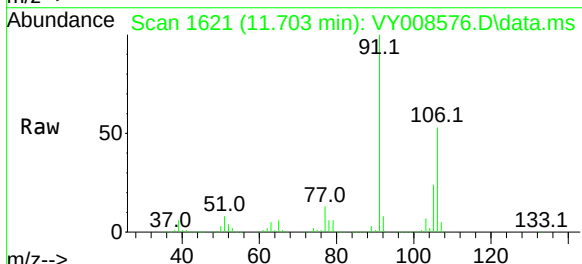
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

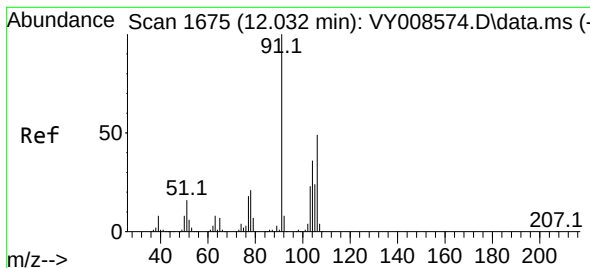
Tgt Ion: 91 Resp: 1333212
Ion Ratio Lower Upper
91 100
106 33.7 24.5 36.7



#68
m/p-Xylenes
Concen: 314.643 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion:106 Resp: 1096061
Ion Ratio Lower Upper
106 100
91 189.4 166.6 249.8

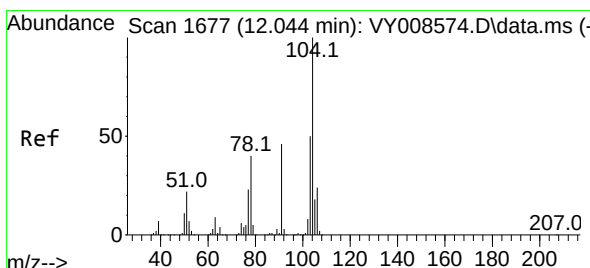
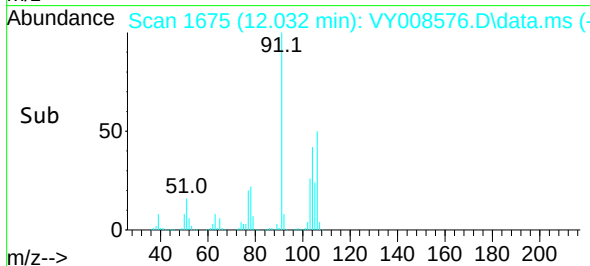
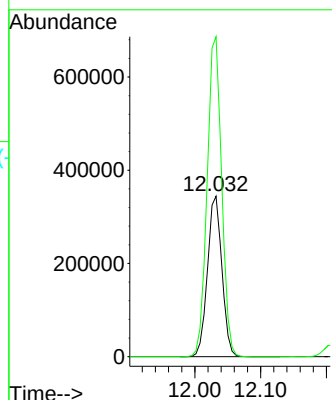
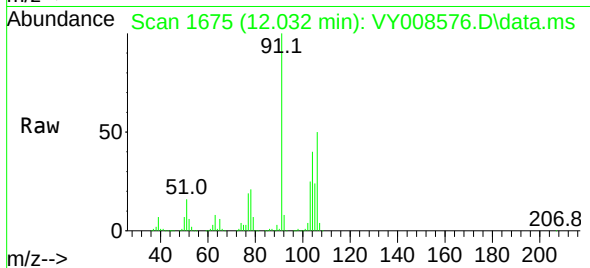




#69
o-Xylene
Concen: 157.510 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

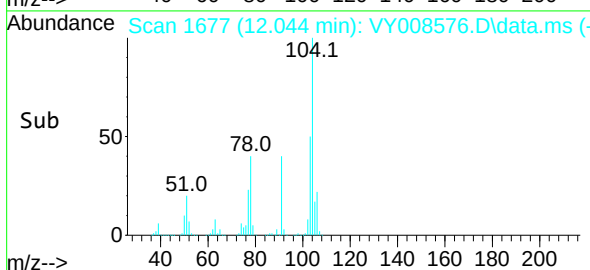
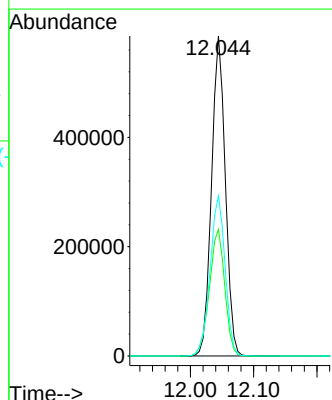
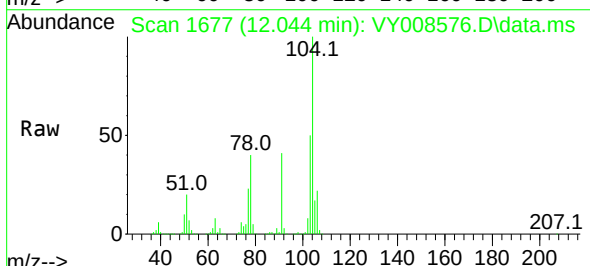
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

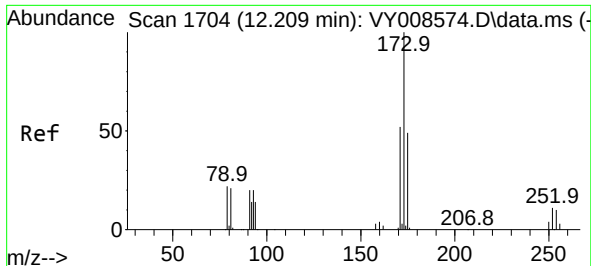
Tgt Ion:106 Resp: 525853
Ion Ratio Lower Upper
106 100
91 200.6 110.3 331.0



#70
Styrene
Concen: 160.273 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion:104 Resp: 889487
Ion Ratio Lower Upper
104 100
78 44.1 42.4 63.6
103 54.4 44.4 66.6

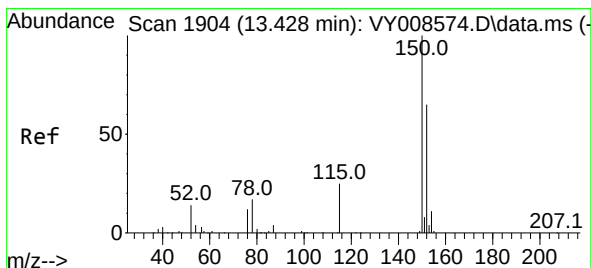
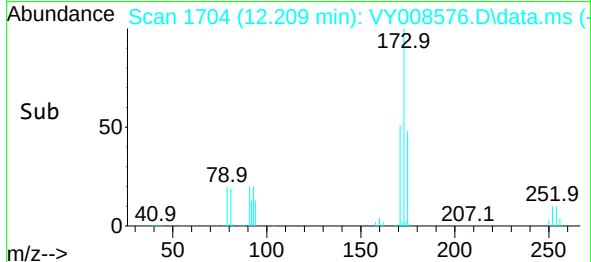
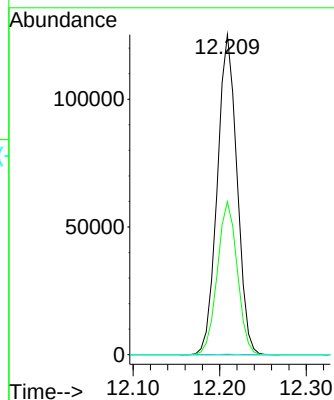
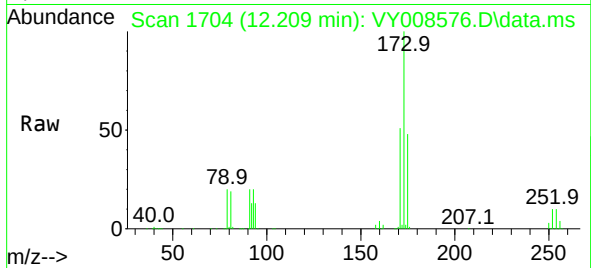




#71
Bromoform
Concen: 155.513 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

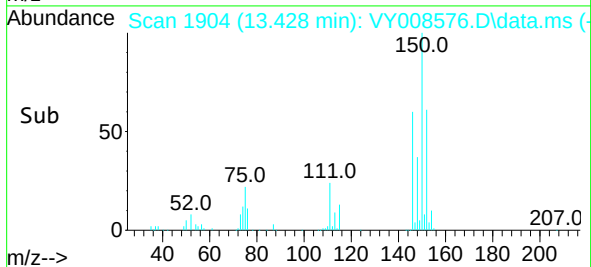
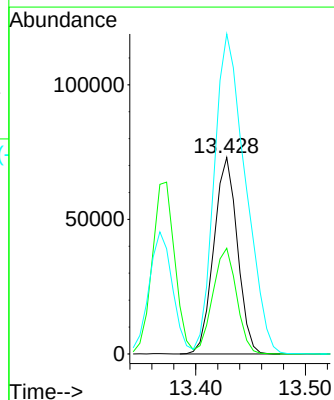
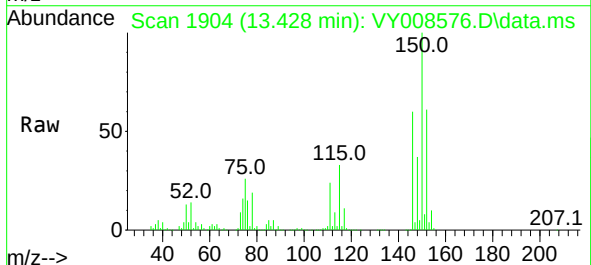
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

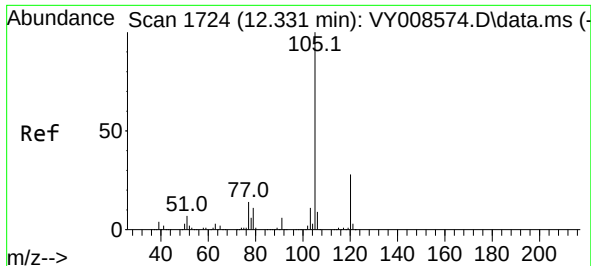
Tgt Ion:173 Resp: 197831
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion:152 Resp: 109288
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 214.7 0.0 347.6

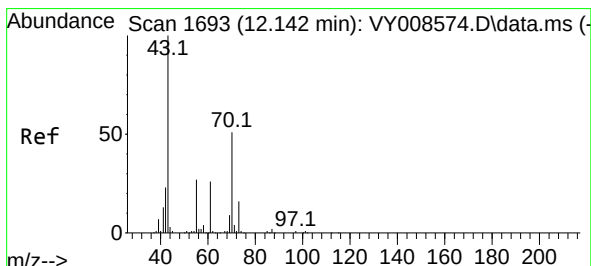
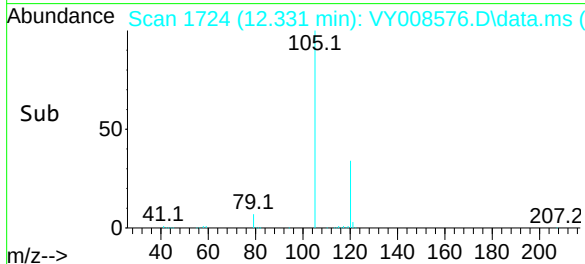
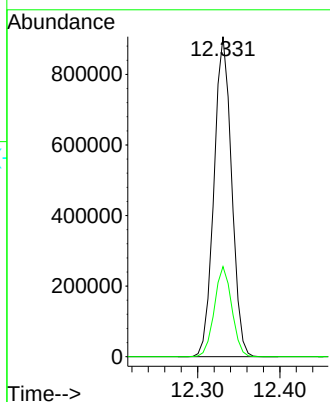
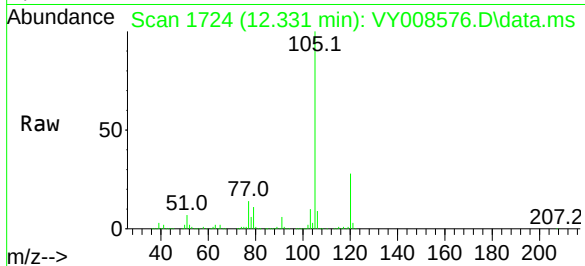




#73
Isopropylbenzene
Concen: 158.247 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

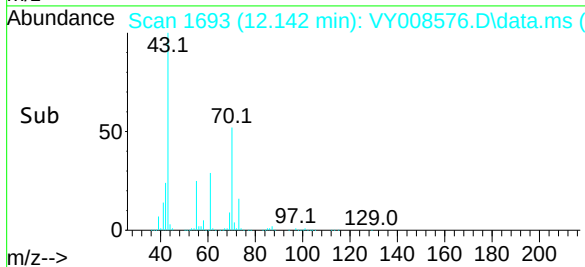
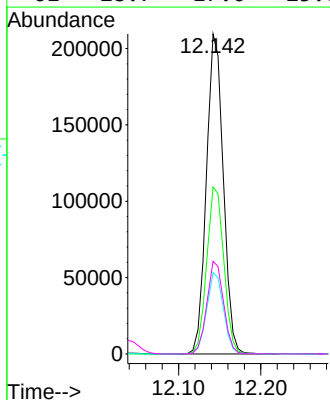
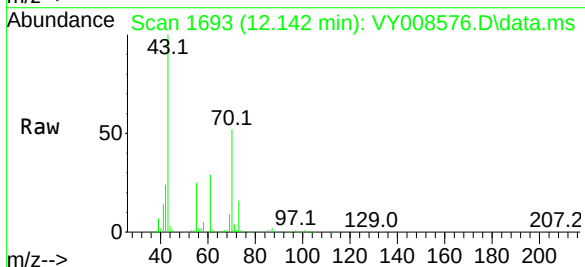
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

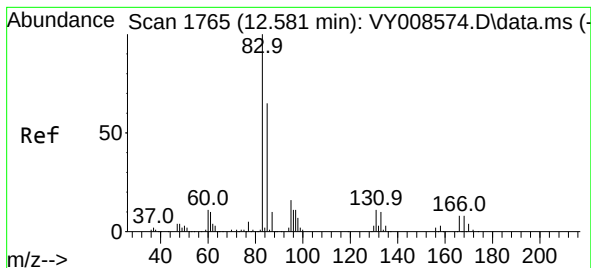
Tgt Ion:105 Resp: 1349189
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2



#74
N-ethyl acetate
Concen: 156.867 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 43 Resp: 298880
Ion Ratio Lower Upper
43 100
70 52.9 28.7 43.1#
55 25.4 17.3 25.9
61 28.7 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 149.435 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

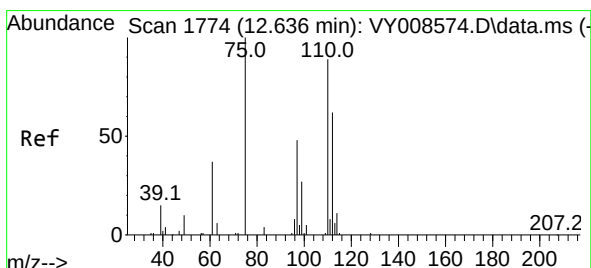
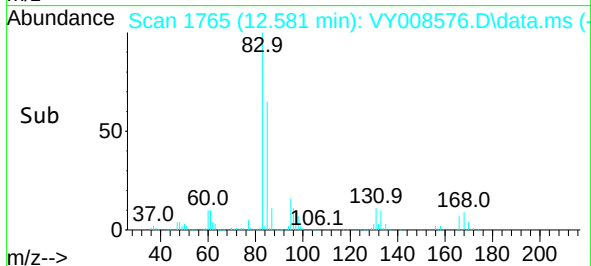
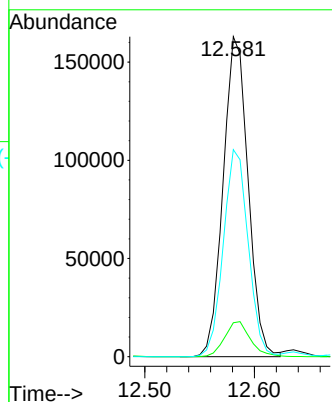
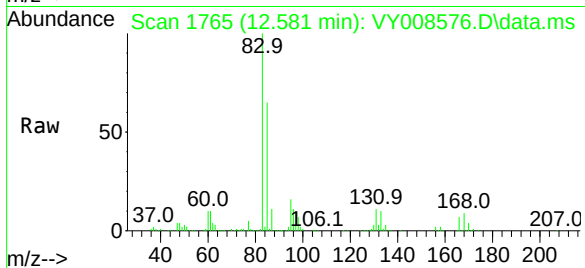
Tgt Ion: 83 Resp: 257821

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

85 64.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 280.309 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY008576.D

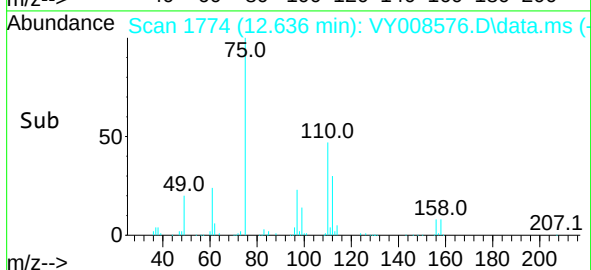
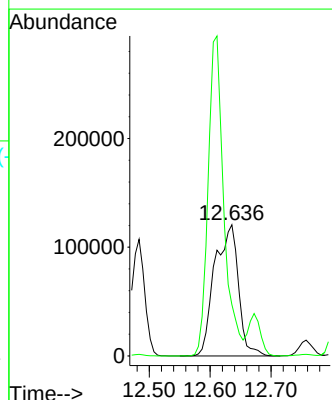
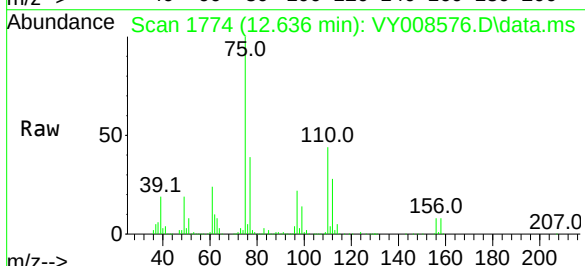
Acq: 02 May 2022 17:04

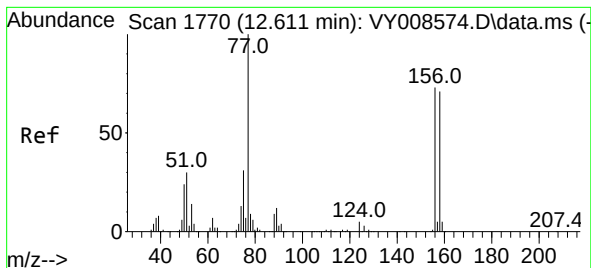
Tgt Ion: 75 Resp: 327015

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 151.462 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

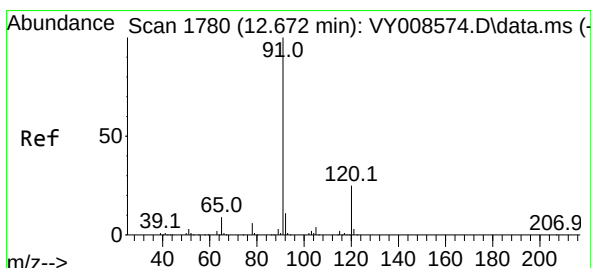
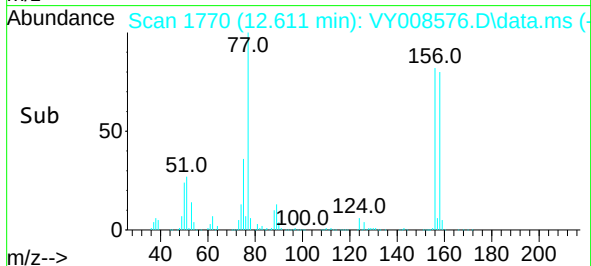
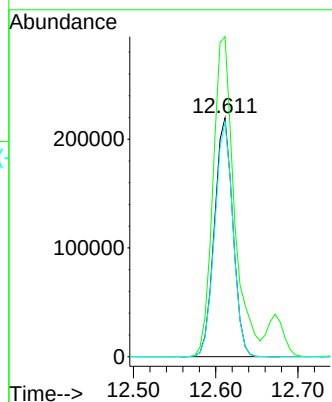
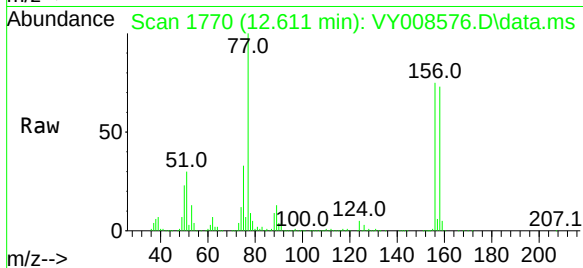
Tgt Ion:156 Resp: 340716

Ion Ratio Lower Upper

156 100

77 155.2 95.5 286.4

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 156.505 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008576.D

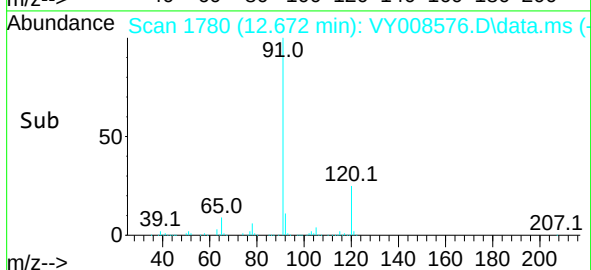
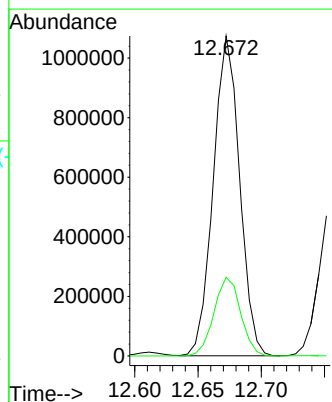
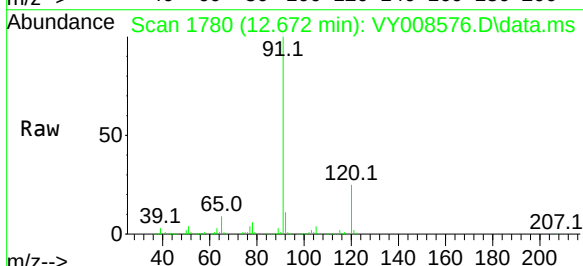
Acq: 02 May 2022 17:04

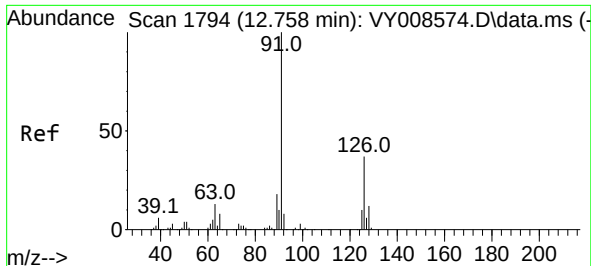
Tgt Ion: 91 Resp: 1552744

Ion Ratio Lower Upper

91 100

120 24.9 11.3 33.9

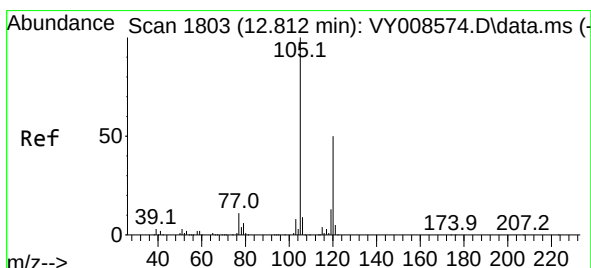
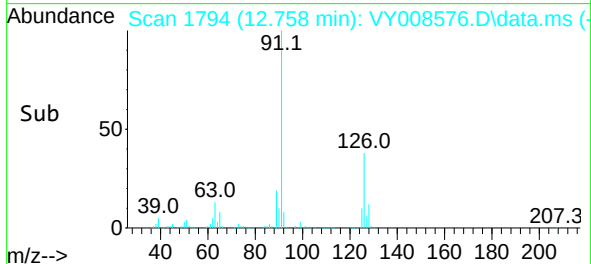
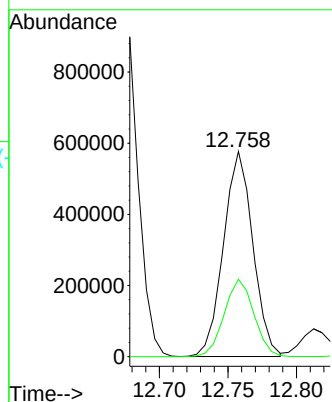
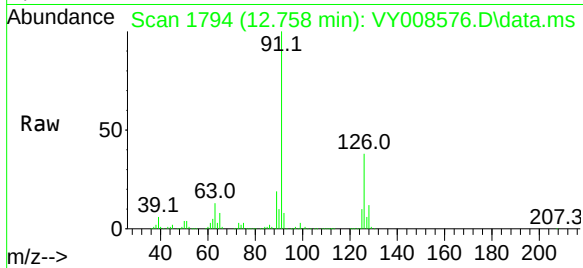




#79
2-Chlorotoluene
Concen: 153.957 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

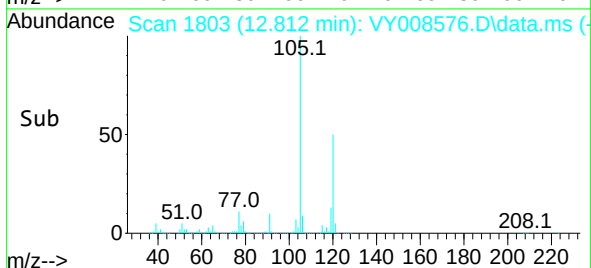
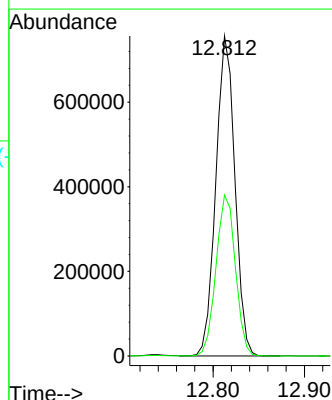
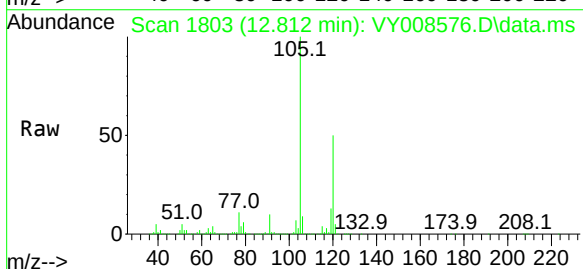
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

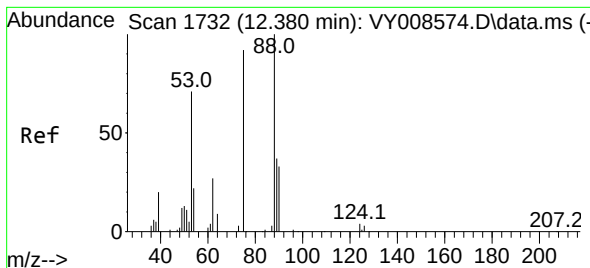
Tgt Ion: 91 Resp: 859999
Ion Ratio Lower Upper
91 100
126 38.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 155.472 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 105 Resp: 1095147
Ion Ratio Lower Upper
105 100
120 51.3 24.4 73.4

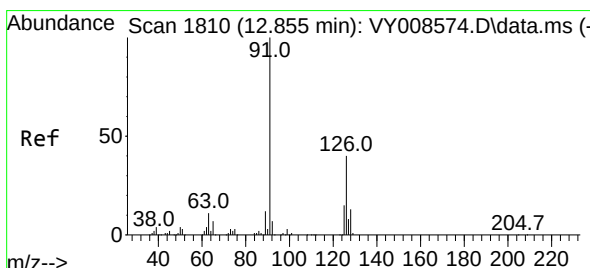
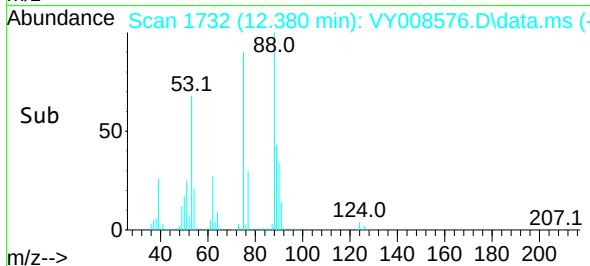
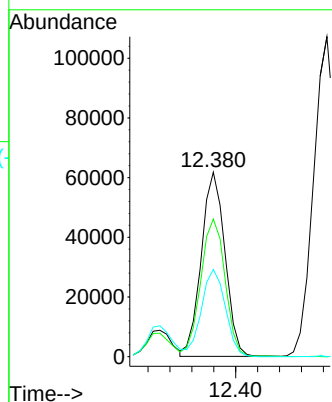
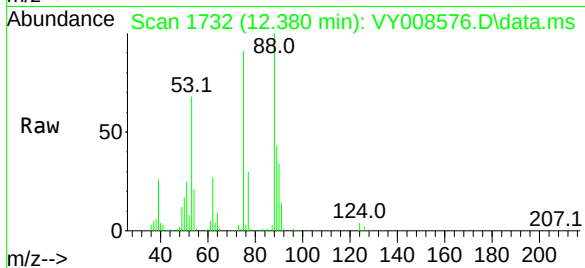




#81
trans-1,4-Dichloro-2-butene
Concen: 160.813 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

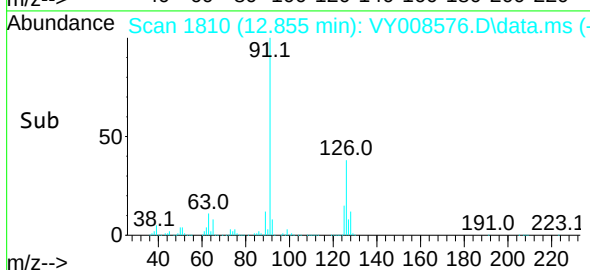
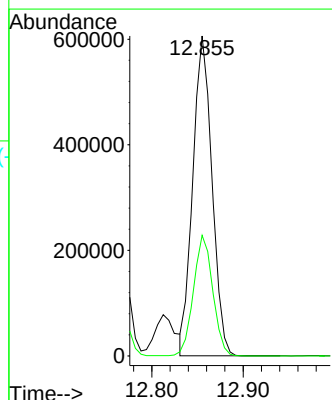
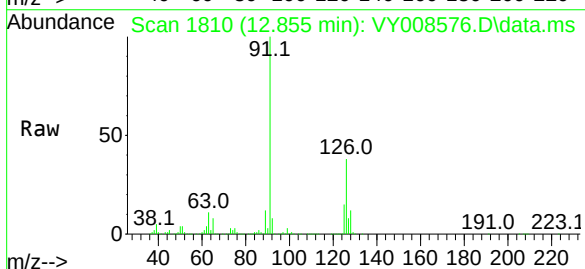
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

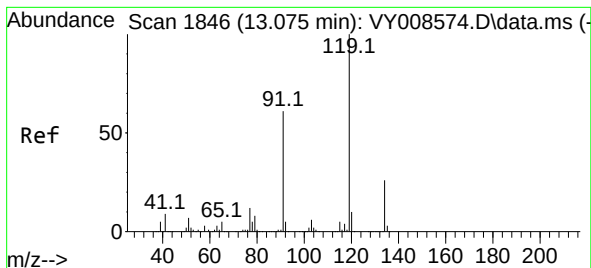
Tgt Ion: 75 Resp: 92536
Ion Ratio Lower Upper
75 100
53 77.0 85.3 127.9#
89 47.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 153.606 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 91 Resp: 883886
Ion Ratio Lower Upper
91 100
126 38.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 156.205 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

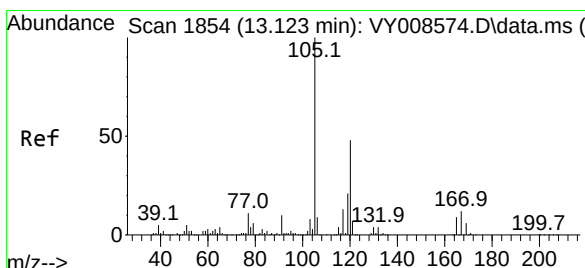
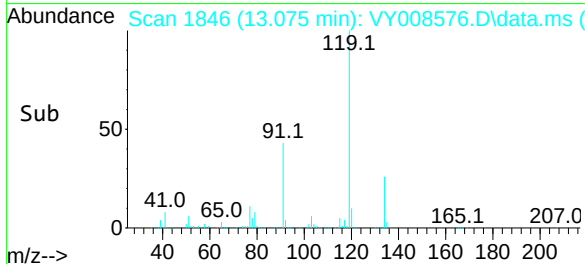
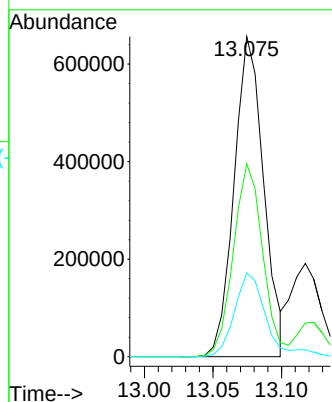
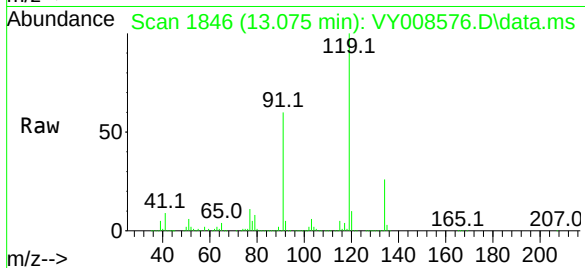
Tgt Ion:119 Resp: 985529

Ion Ratio Lower Upper

119 100

91 60.0 34.8 104.4

134 28.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 155.796 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008576.D

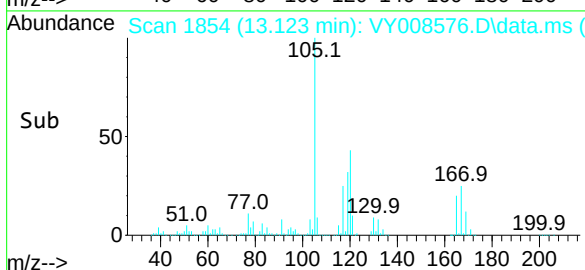
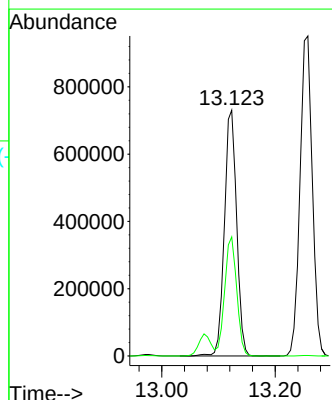
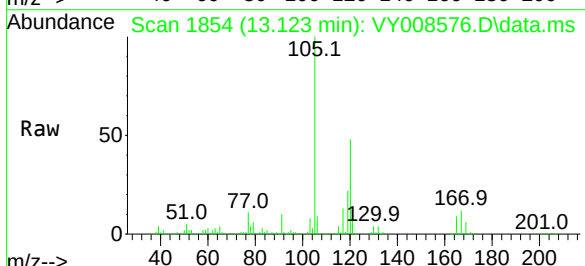
Acq: 02 May 2022 17:04

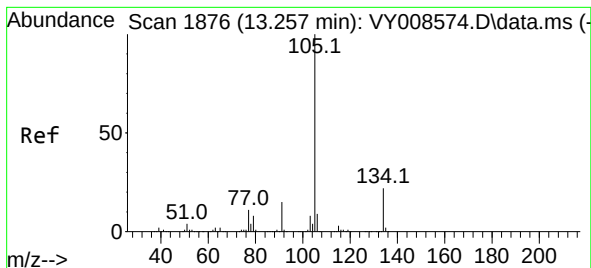
Tgt Ion:105 Resp: 1090792

Ion Ratio Lower Upper

105 100

120 47.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 153.990 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

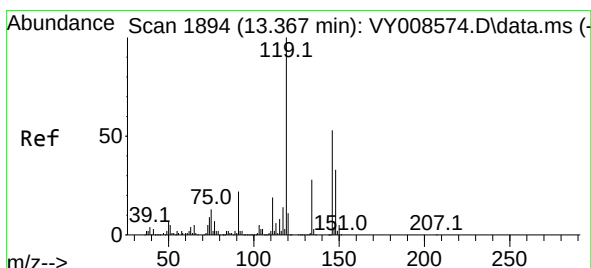
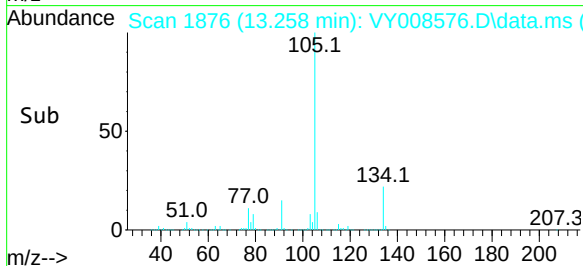
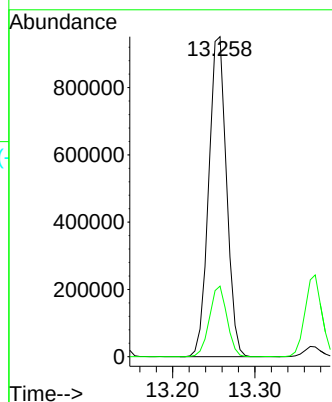
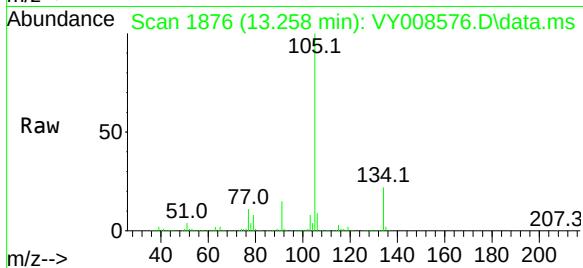
VSTDIC150

Tgt Ion:105 Resp: 1431831

Ion Ratio Lower Upper

105 100

134 21.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 158.901 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

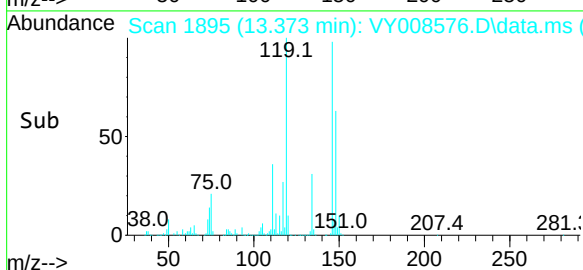
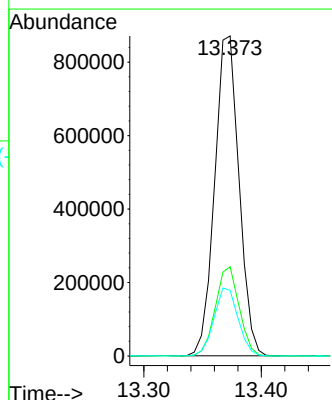
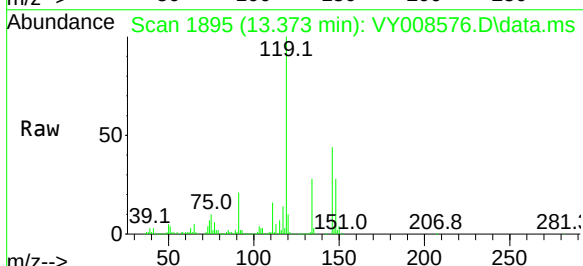
Tgt Ion:119 Resp: 1254377

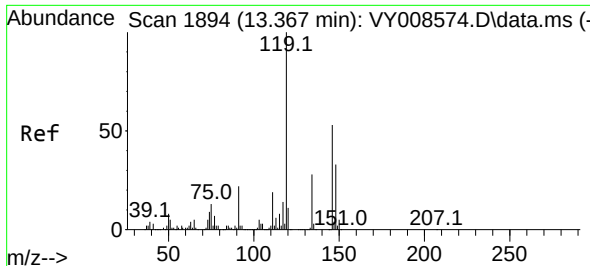
Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 21.1 12.4 37.2

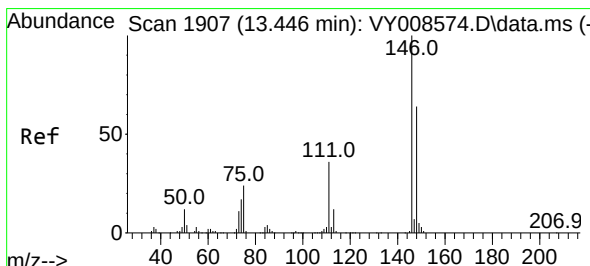
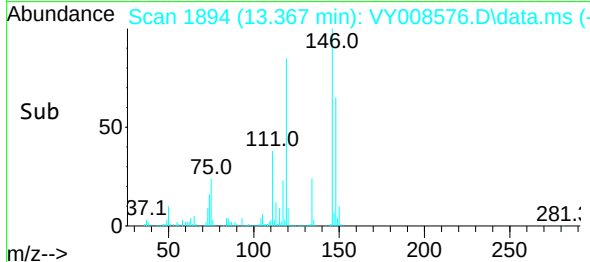
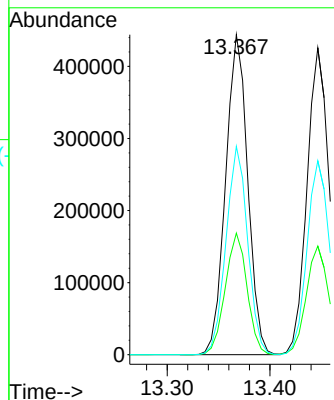
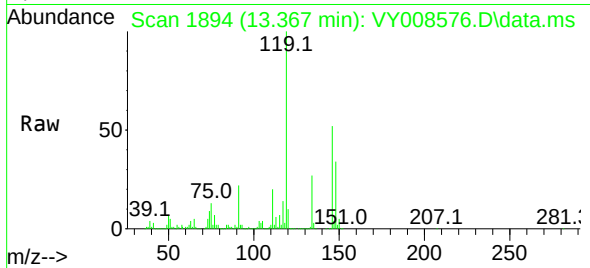




#87
1,3-Dichlorobenzene
Concen: 152.187 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

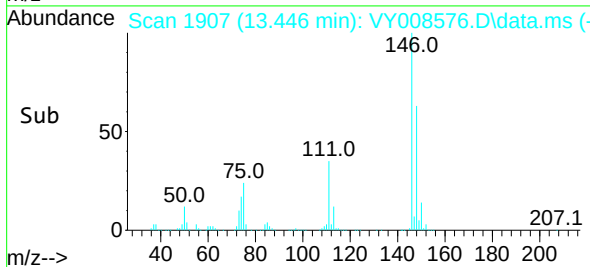
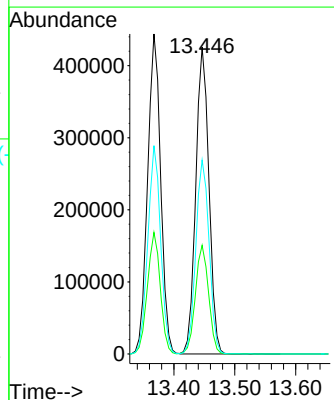
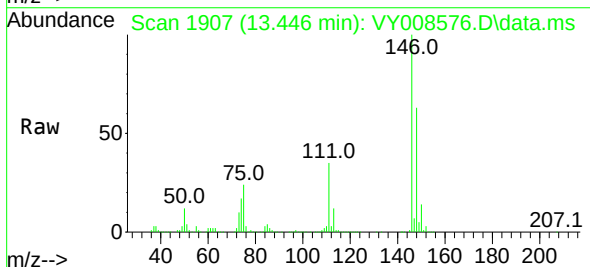
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

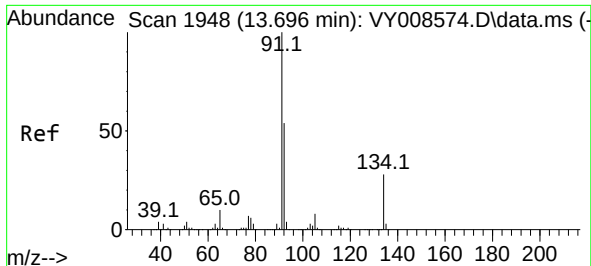
Tgt Ion:146 Resp: 662101
Ion Ratio Lower Upper
146 100
111 37.5 19.5 58.5
148 63.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 148.586 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion:146 Resp: 637628
Ion Ratio Lower Upper
146 100
111 35.4 19.3 57.8
148 63.9 32.6 97.8

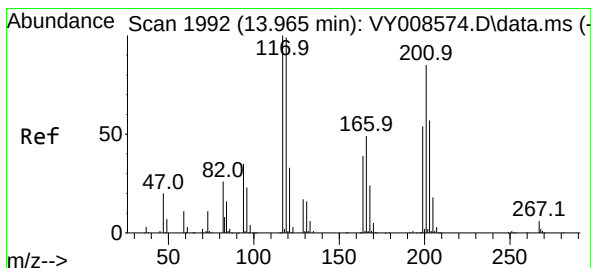
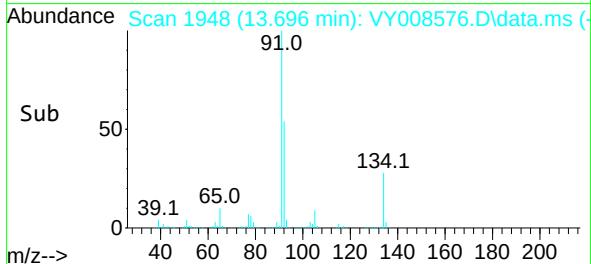
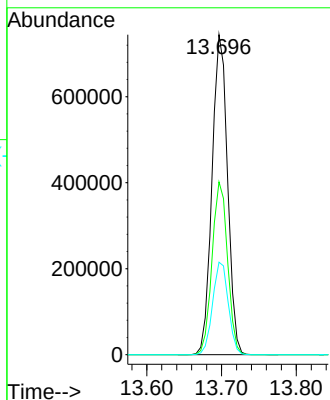
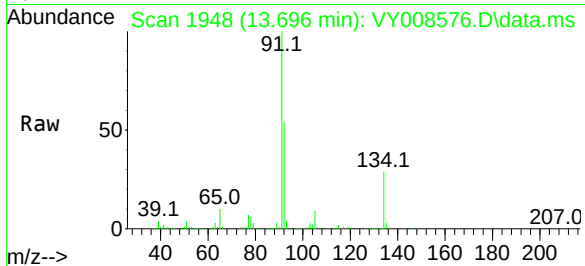




#89
n-Butylbenzene
Concen: 154.729 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

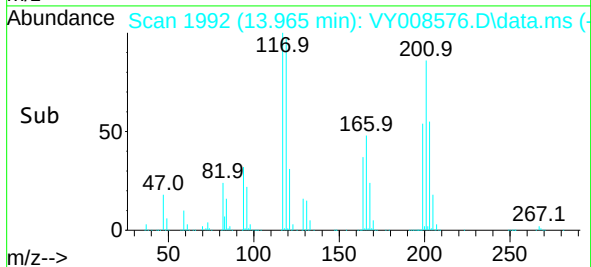
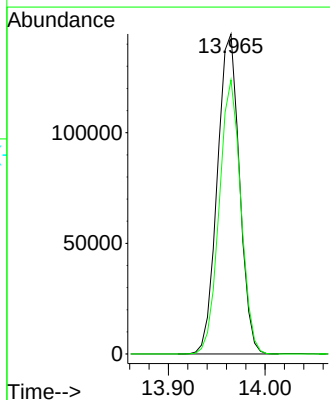
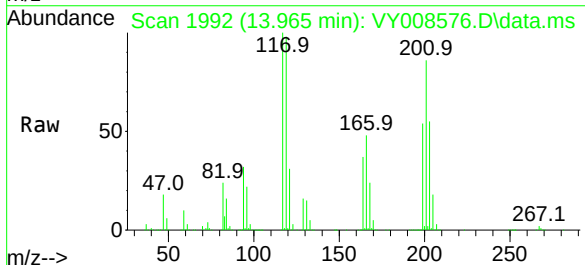
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

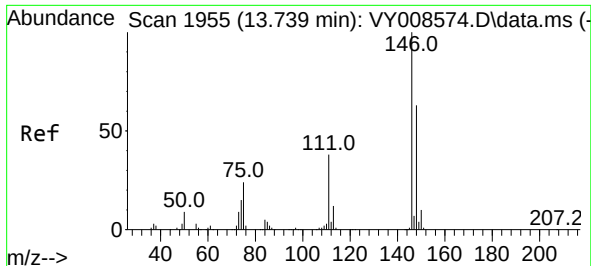
Tgt Ion: 91 Resp: 1075895
Ion Ratio Lower Upper
91 100
92 54.0 26.3 78.9
134 29.2 13.0 38.9



#90
Hexachloroethane
Concen: 156.995 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY008576.D
Acq: 02 May 2022 17:04

Tgt Ion: 117 Resp: 229530
Ion Ratio Lower Upper
117 100
201 83.5 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 148.411 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

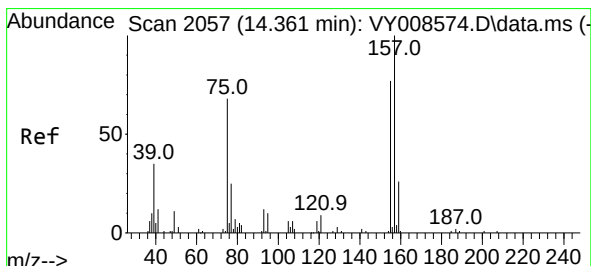
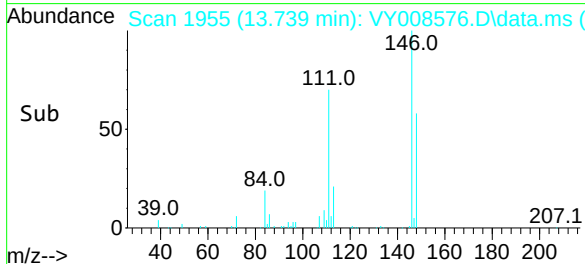
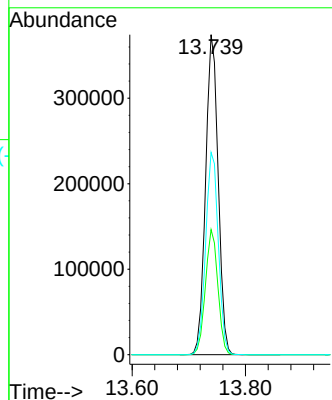
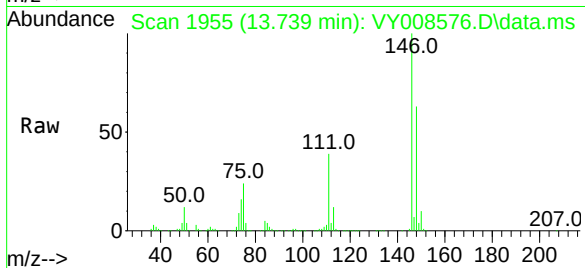
Tgt Ion:146 Resp: 576200

Ion Ratio Lower Upper

146 100

111 38.8 20.3 60.9

148 63.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 153.139 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

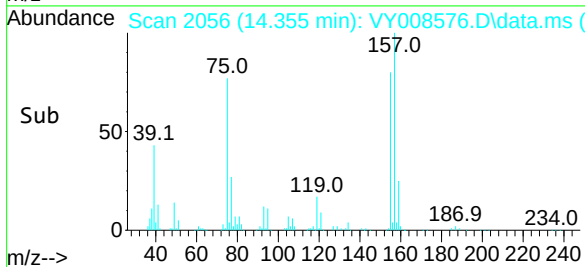
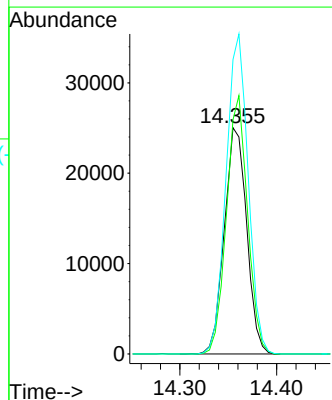
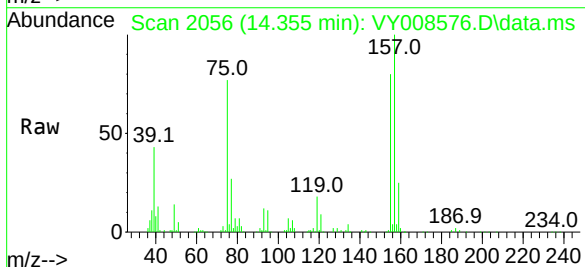
Tgt Ion: 75 Resp: 40210

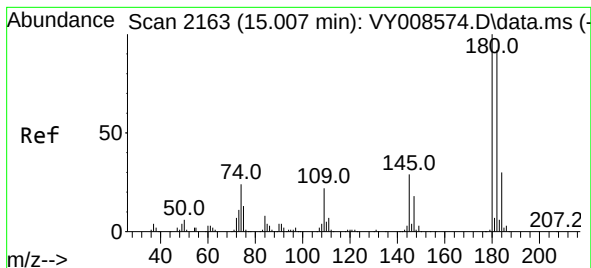
Ion Ratio Lower Upper

75 100

155 107.3 38.0 113.9

157 139.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 153.250 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

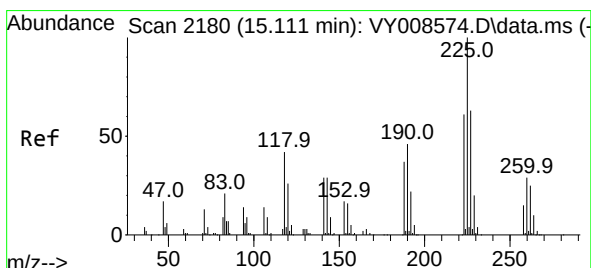
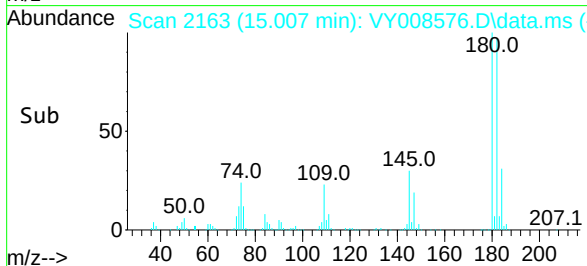
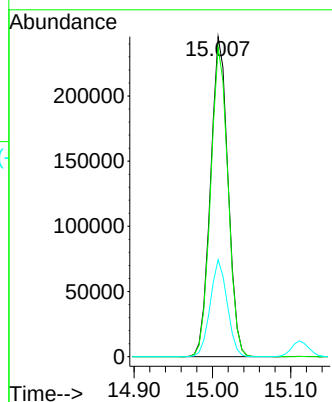
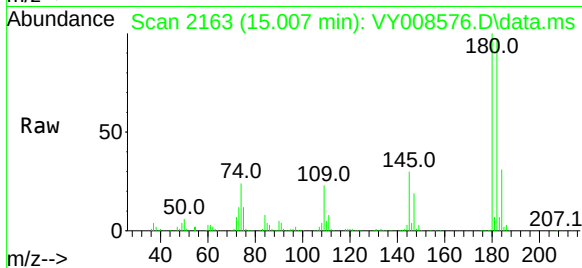
Tgt Ion:180 Resp: 379650

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 29.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 150.873 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

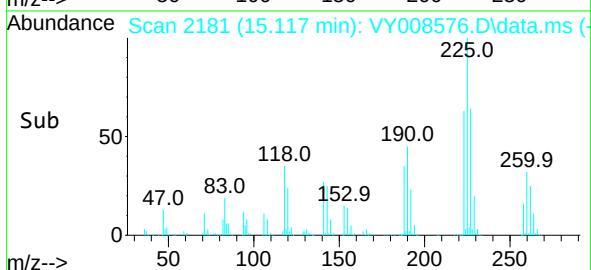
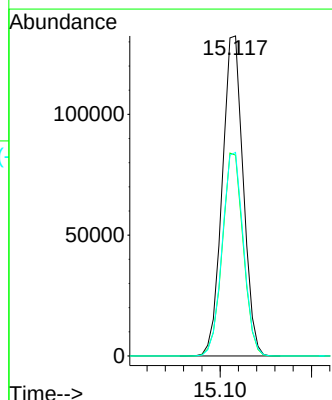
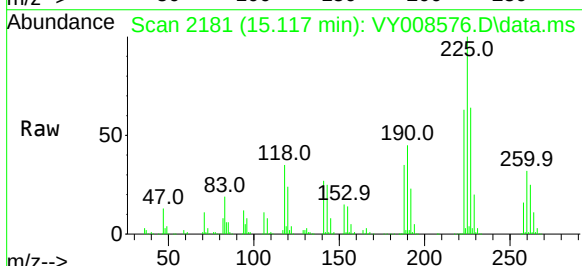
Tgt Ion:225 Resp: 211079

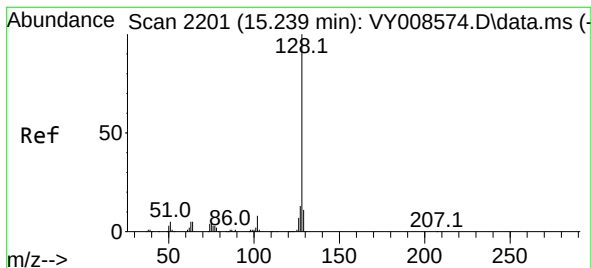
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 157.308 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

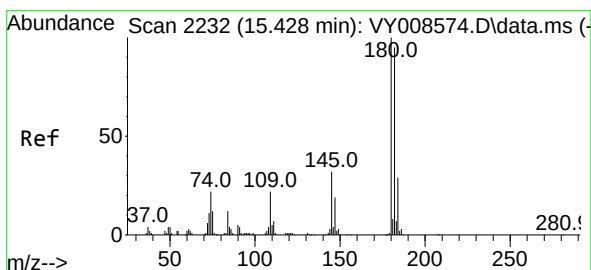
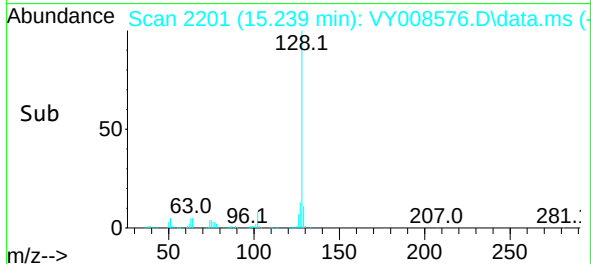
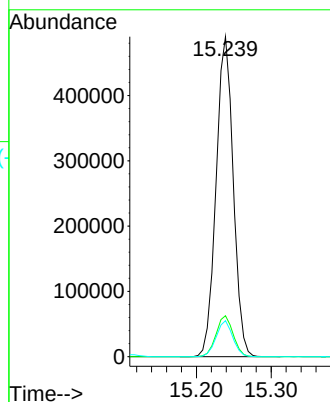
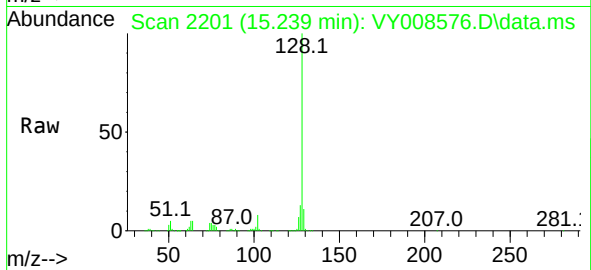
Tgt Ion:128 Resp: 781485

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 151.571 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY008576.D

Acq: 02 May 2022 17:04

Tgt Ion:180 Resp: 333277

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 30.8 15.3 45.9

