

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\Not Reviewed Data\
 Data File : VY012199.D
 Acq On : 16 Jan 2023 14:34
 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: Jan 17 04:43:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146569	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	242775	148.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 296.420%#	
35) Dibromofluoromethane	7.716	113	222675	132.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 264.440%#	
50) Toluene-d8	10.179	98	819241	148.976	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 297.960%#	
62) 4-Bromofluorobenzene	12.483	95	307749	129.632	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 259.260%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	236192	129.633	ug/l	98
3) Chloromethane	2.113	50	232374	138.154	ug/l	100
4) Vinyl Chloride	2.253	62	272679	138.892	ug/l	98
5) Bromomethane	2.631	94	198439	130.735	ug/l	99
6) Chloroethane	2.784	64	180282	140.804	ug/l	96
7) Trichlorofluoromethane	3.125	101	533290	139.180	ug/l	98
8) Diethyl Ether	3.527	74	165049	144.758	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	268729	144.101	ug/l	95
10) Methyl Iodide	4.088	142	416311	146.898	ug/l	96
11) Tert butyl alcohol	4.960	59	151339	763.228	ug/l	98
12) 1,1-Dichloroethene	3.869	96	276973	144.645	ug/l	96
13) Acrolein	3.729	56	53521	767.950	ug/l	99
14) Allyl chloride	4.479	41	361209	152.560	ug/l #	88
15) Acrylonitrile	5.161	53	384331	771.715	ug/l	99
16) Acetone	3.948	43	469424	808.583	ug/l	99
17) Carbon Disulfide	4.192	76	855111	144.374	ug/l	100
18) Methyl Acetate	4.479	43	204053	157.075	ug/l	90
19) Methyl tert-butyl Ether	5.222	73	796131	149.148	ug/l	94
20) Methylene Chloride	4.716	84	320606	147.330	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	304371	142.442	ug/l	91
22) Diisopropyl ether	6.118	45	697127	147.689	ug/l #	92
23) Vinyl Acetate	6.058	43	2286941	777.518	ug/l	94
24) 1,1-Dichloroethane	6.015	63	474899	145.051	ug/l	98
25) 2-Butanone	6.984	43	519829	811.066	ug/l	90
26) 2,2-Dichloropropane	6.978	77	505656	142.272	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	336451	143.345	ug/l	95
28) Bromochloromethane	7.332	49	98630	137.938	ug/l #	79
29) Tetrahydrofuran	7.344	42	287280	816.016	ug/l #	86
30) Chloroform	7.508	83	538200	139.255	ug/l	99
31) Cyclohexane	7.783	56	425687	140.038	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	542606	141.814	ug/l	98
36) 1,1-Dichloropropene	7.917	75	410936	143.579	ug/l	98
37) Ethyl Acetate	7.069	43	196810	155.984	ug/l #	95
38) Carbon Tetrachloride	7.899	117	517769	140.073	ug/l	100
39) Methylcyclohexane	9.185	83	524437	149.941	ug/l	94
40) Benzene	8.161	78	1182619	143.162	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	276951	373.431	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	371025	141.081	ug/l	99
43) Isopropyl Acetate	8.271	43	372712	158.775	ug/l #	96
44) Trichloroethene	8.941	130	349231	141.442	ug/l	97
45) 1,2-Dichloropropane	9.215	63	253972	147.341	ug/l	100
46) Dibromomethane	9.307	93	167217	144.909	ug/l	97
47) Bromodichloromethane	9.496	83	420287	144.691	ug/l	99
48) Methyl methacrylate	9.295	41	179364	165.833	ug/l	94
49) 1,4-Dioxane	9.301	88	49394	3141.341	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	1004437	802.447	ug/l	96
52) Toluene	10.246	92	789842	143.603	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	448355	147.565	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	477227	145.846	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	234468	143.013	ug/l	98
56) Ethyl methacrylate	10.508	69	335819	156.131	ug/l	96
57) 1,3-Dichloropropane	10.788	76	389713	145.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	534173	750.559	ug/l	92
59) 2-Hexanone	10.831	43	776109	814.389	ug/l	95
60) Dibromochloromethane	10.983	129	313051	143.965	ug/l	99
61) 1,2-Dibromoethane	11.087	107	231425	146.285	ug/l	100
64) Tetrachloroethene	10.721	164	365089	136.967	ug/l	98
65) Chlorobenzene	11.514	112	842151	140.902	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	320565	142.096	ug/l	98
67) Ethyl Benzene	11.593	91	1535729	143.771	ug/l	99
68) m/p-Xylenes	11.703	106	1203720	285.011	ug/l	100
69) o-Xylene	12.032	106	573468	142.159	ug/l	99
70) Styrene	12.044	104	969563	143.849	ug/l	99
71) Bromoform	12.209	173	210448	146.009	ug/l #	99
73) Isopropylbenzene	12.331	105	1525295	144.318	ug/l	98
74) N-amyl acetate	12.142	43	337381	162.845	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	251588	151.128	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	373231	276.928	ug/l #	100
77) Bromobenzene	12.611	156	359084	141.194	ug/l	94
78) n-propylbenzene	12.672	91	1773957	143.436	ug/l	99
79) 2-Chlorotoluene	12.758	91	1002816	143.410	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1291608	140.579	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	101588	155.307	ug/l	98
82) 4-Chlorotoluene	12.855	91	1039235	141.485	ug/l	98
83) tert-Butylbenzene	13.075	119	1142627	142.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	1284295	141.742	ug/l	99
85) sec-Butylbenzene	13.257	105	1614796	141.635	ug/l	98
86) p-Isopropyltoluene	13.373	119	1401783	140.724	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	699605	138.314	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	693311	137.443	ug/l	99
89) n-Butylbenzene	13.696	91	1236807	143.275	ug/l	99
90) Hexachloroethane	13.965	117	250097	139.077	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	625273	138.542	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	53324	154.996	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	430955	149.024	ug/l	99
94) Hexachlorobutadiene	15.111	225	243621	139.921	ug/l	99
95) Naphthalene	15.239	128	929118	162.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	379033	152.312	ug/l	99

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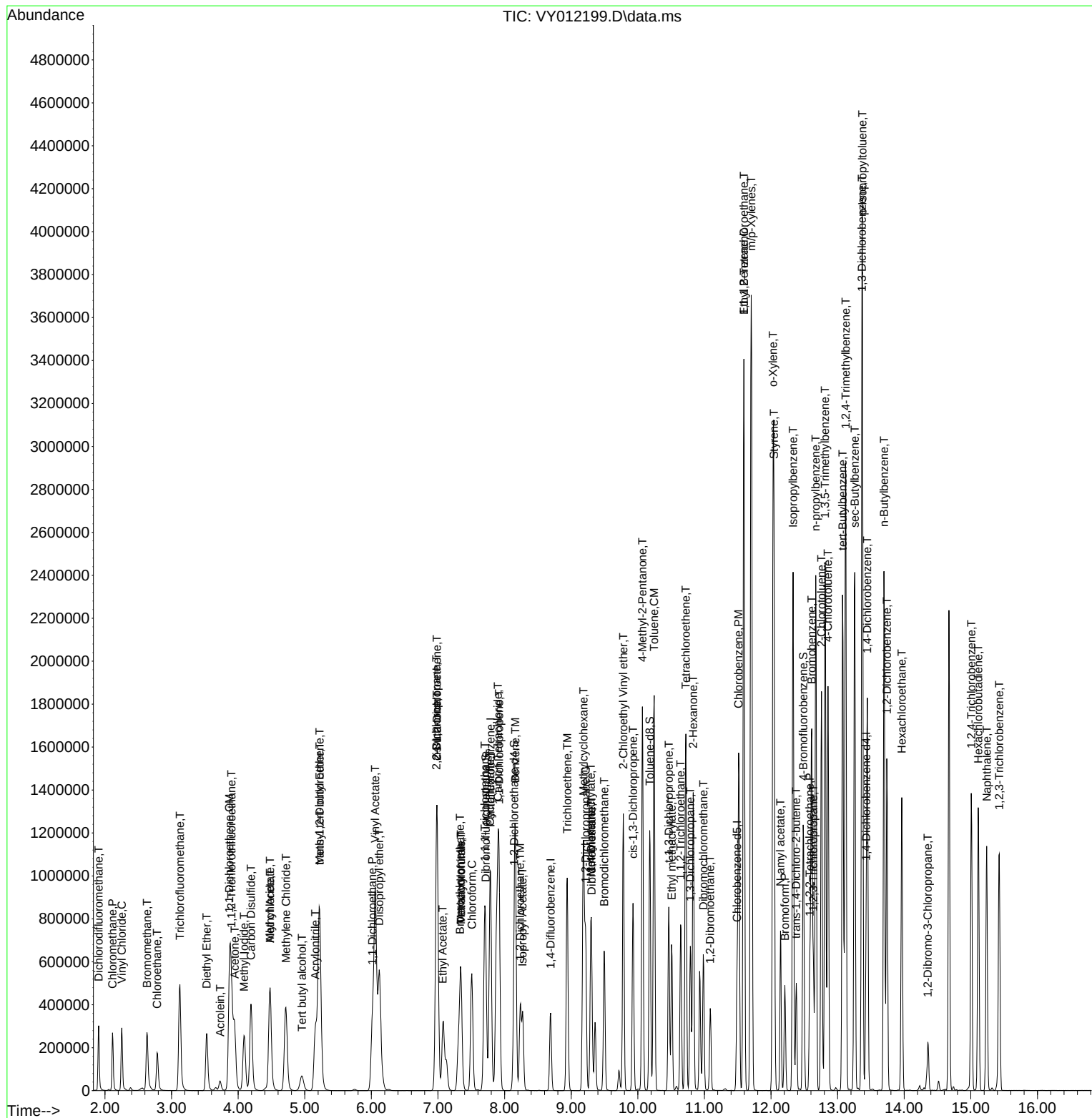
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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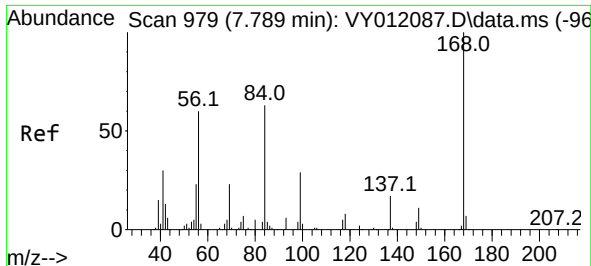
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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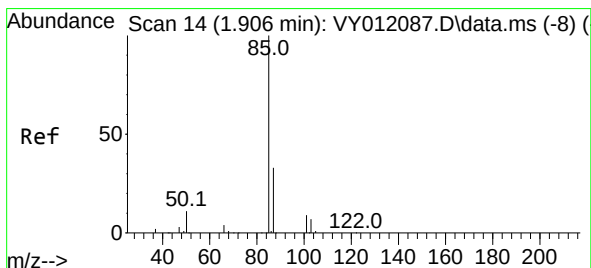
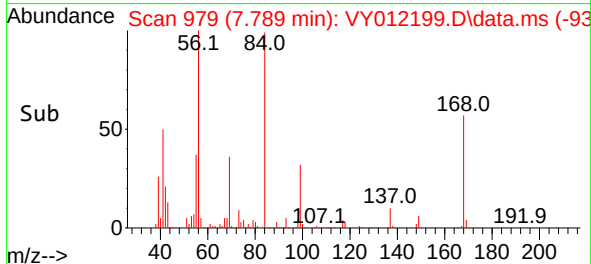
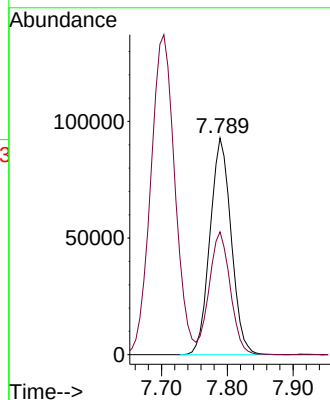
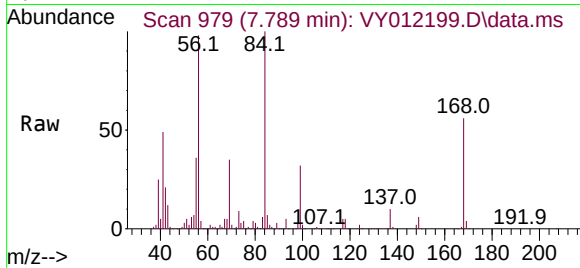




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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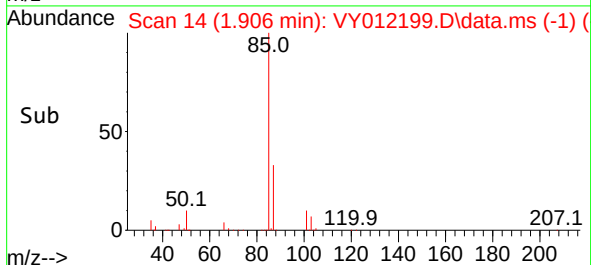
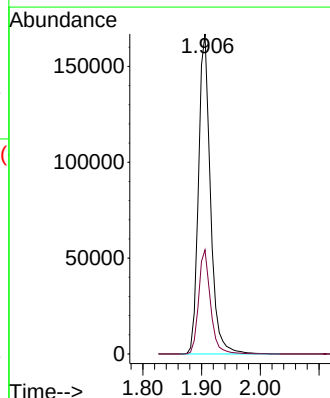
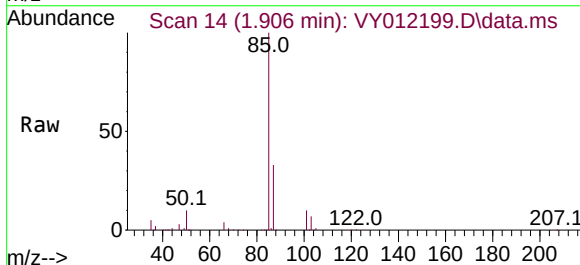
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

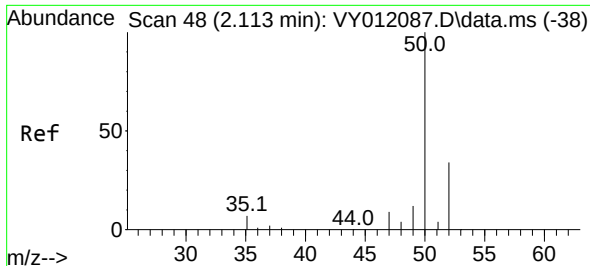
Tgt Ion:168 Resp: 208490
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 129.633 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 85 Resp: 236192
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.4

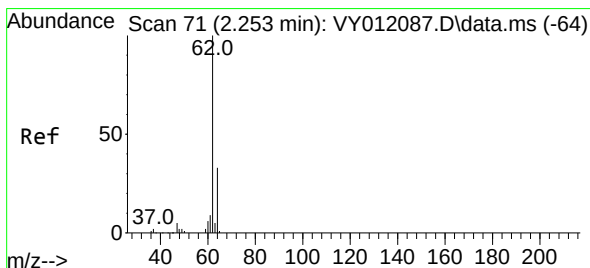
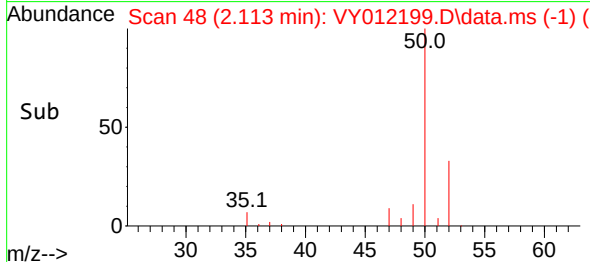
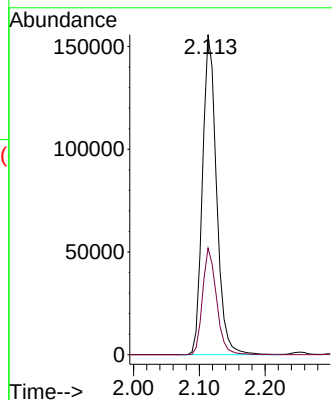
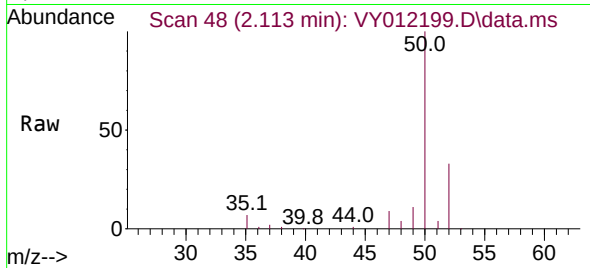




#3
Chloromethane
Concen: 138.154 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

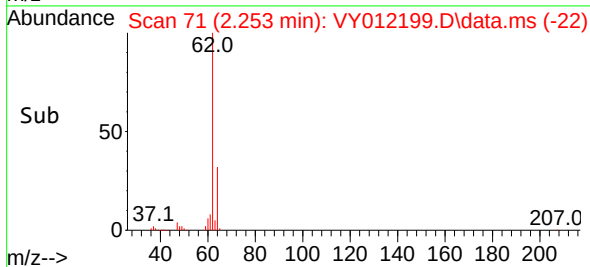
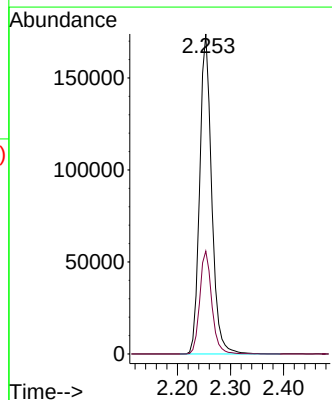
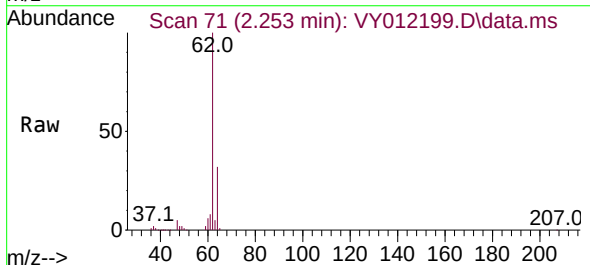
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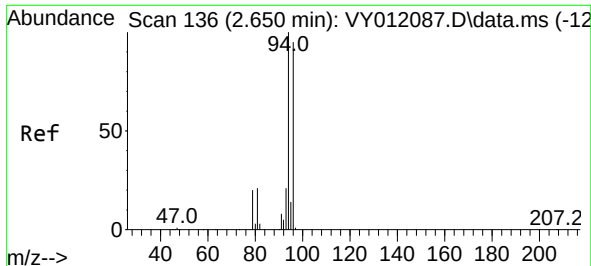
Tgt Ion: 50 Resp: 232374
Ion Ratio Lower Upper
50 100
52 33.3 26.8 40.2



#4
Vinyl Chloride
Concen: 138.892 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 62 Resp: 272679
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

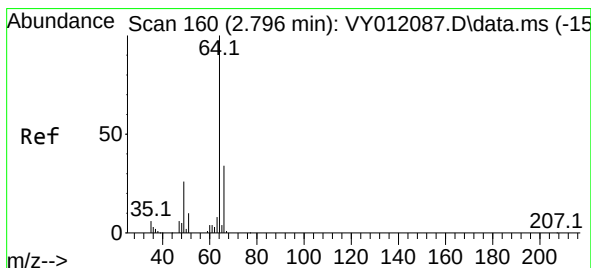
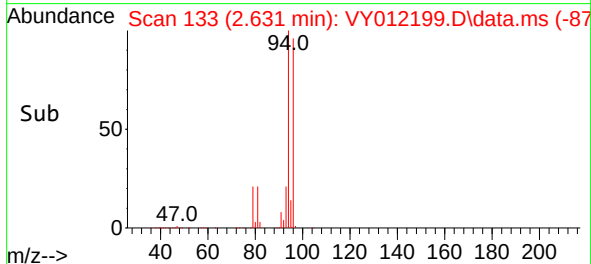
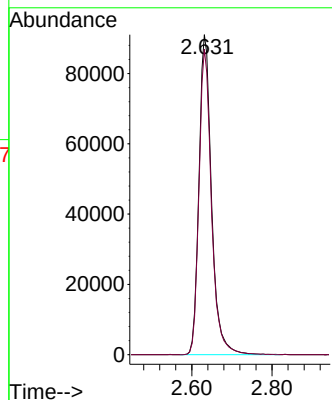
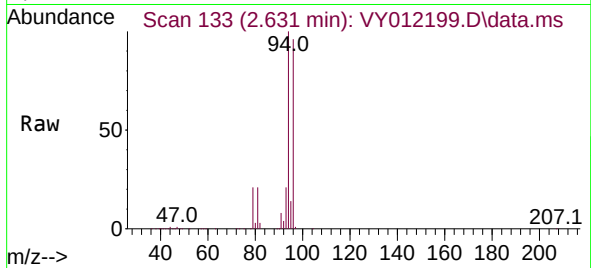




#5
Bromomethane
Concen: 130.735 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY012199.D
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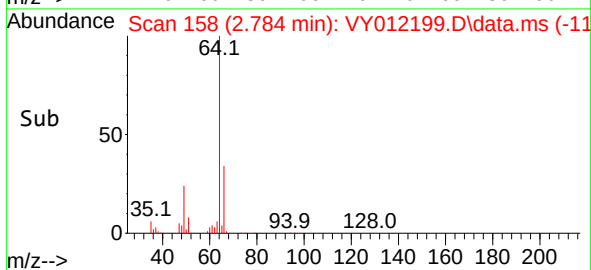
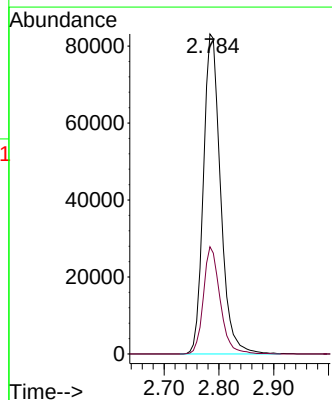
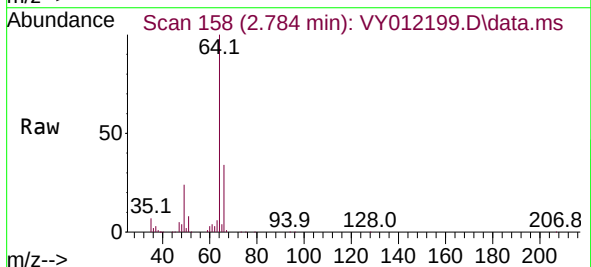
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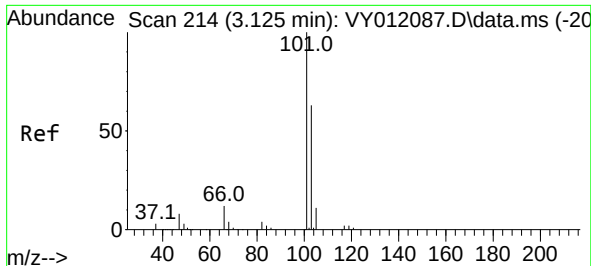
Tgt Ion: 94 Resp: 198439
Ion Ratio Lower Upper
94 100
96 95.5 77.4 116.2



#6
Chloroethane
Concen: 140.804 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
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Tgt Ion: 64 Resp: 180282
Ion Ratio Lower Upper
64 100
66 33.5 25.0 37.4

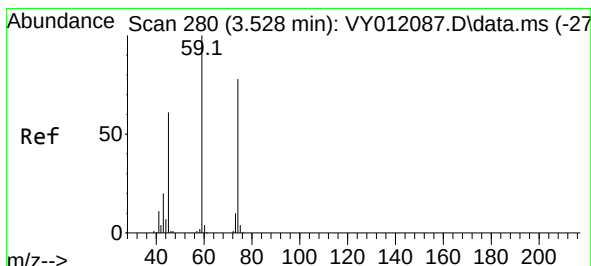
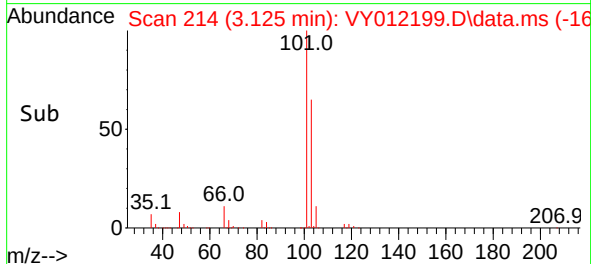
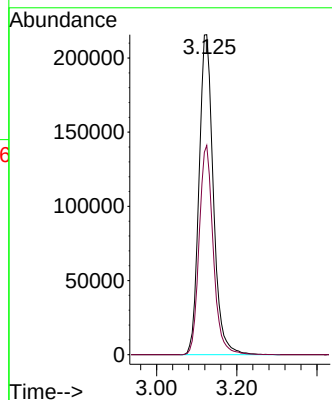
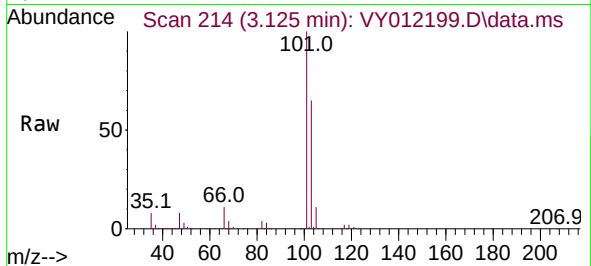




#7
 Trichlorofluoromethane
 Concen: 139.180 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012199.D
 Acq: 16 Jan 2023 14:34

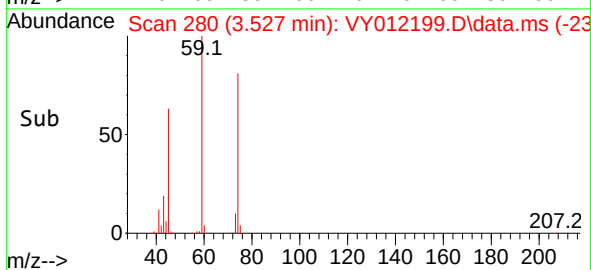
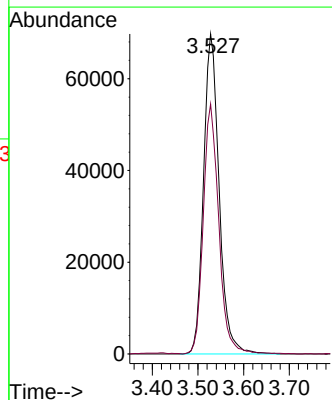
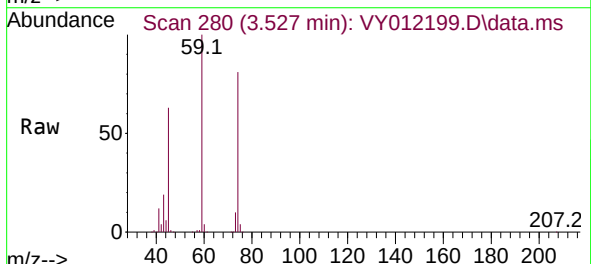
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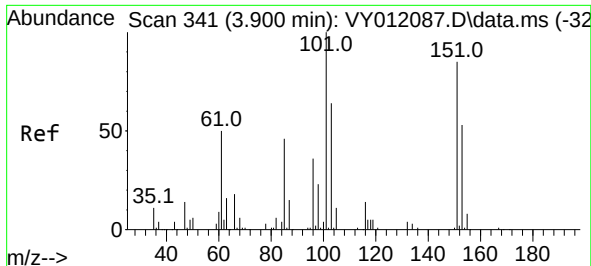
Tgt Ion:101 Resp: 533290
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.0 76.6



#8
 Diethyl Ether
 Concen: 144.758 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012199.D
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Tgt Ion: 74 Resp: 165049
 Ion Ratio Lower Upper
 74 100
 45 77.9 46.8 140.3

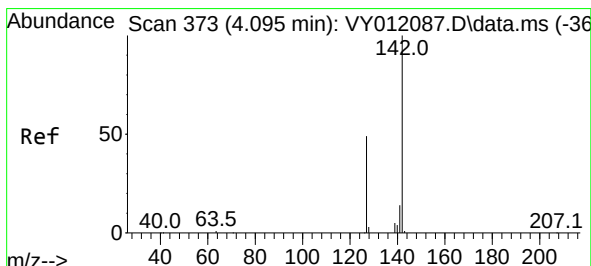
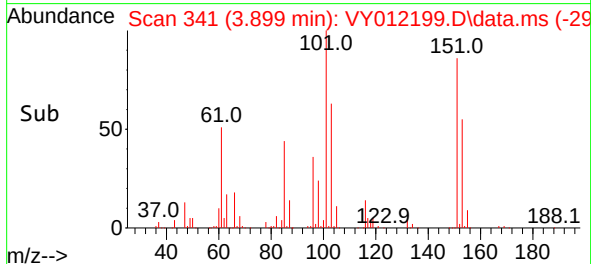
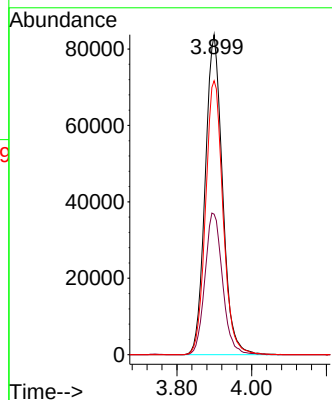
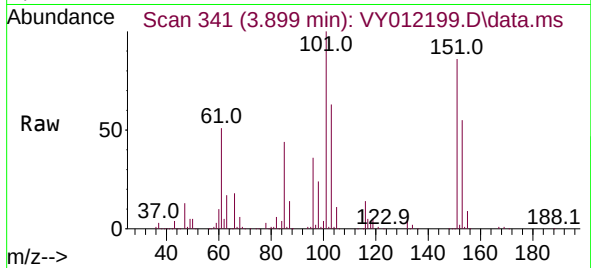




#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.101 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

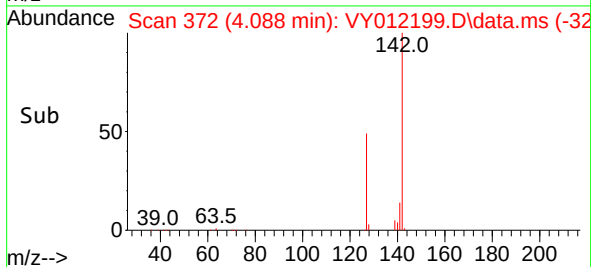
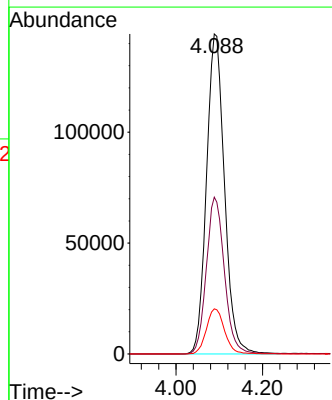
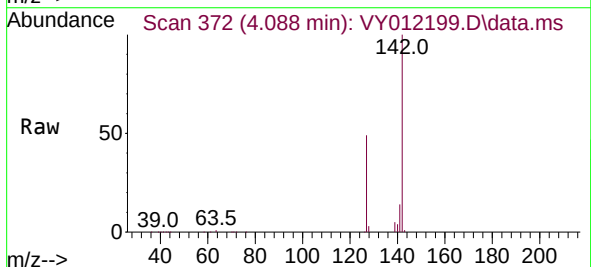
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

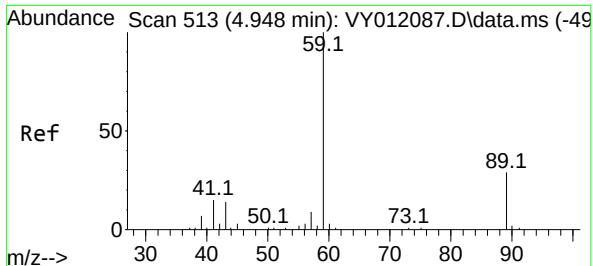
Tgt Ion:101 Resp: 268729
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.2
151 86.6 64.2 96.2



#10
Methyl Iodide
Concen: 146.898 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion:142 Resp: 416311
Ion Ratio Lower Upper
142 100
127 49.3 37.0 55.4
141 14.2 11.4 17.0





#11

Tert butyl alcohol

Concen: 763.228 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

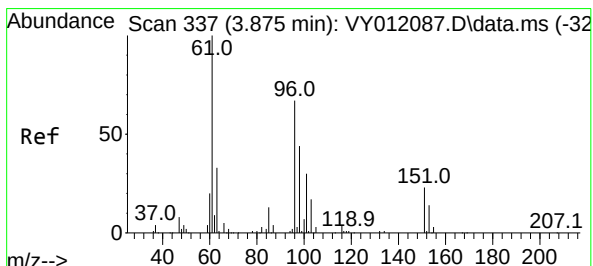
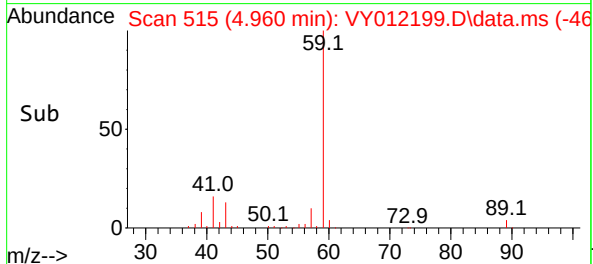
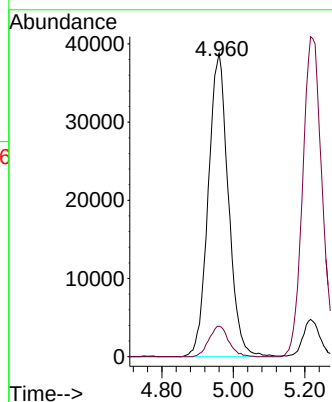
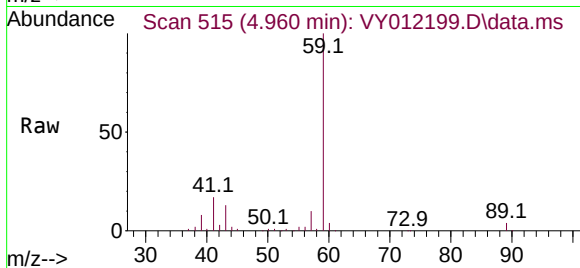
VSTDIC150

Tgt Ion: 59 Resp: 151339

Ion Ratio Lower Upper

59 100

57 9.9 7.4 11.2



#12

1,1-Dichloroethene

Concen: 144.645 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

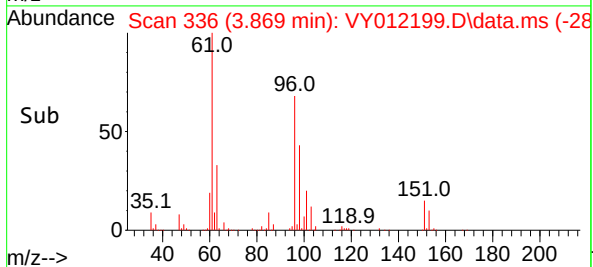
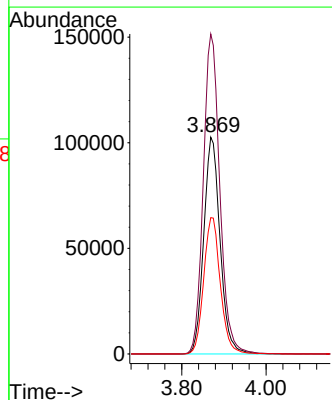
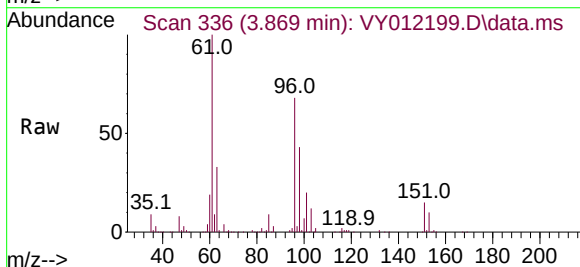
Tgt Ion: 96 Resp: 276973

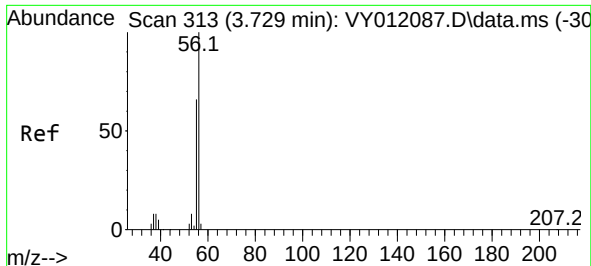
Ion Ratio Lower Upper

96 100

61 147.6 122.0 183.0

98 62.9 48.6 73.0





#13

Acrolein

Concen: 767.950 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

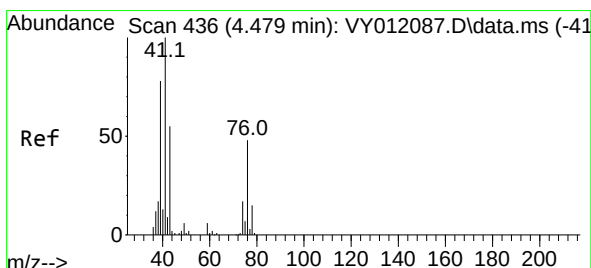
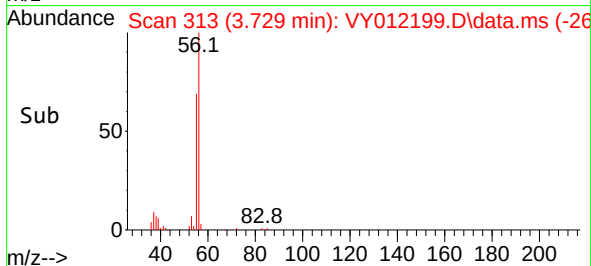
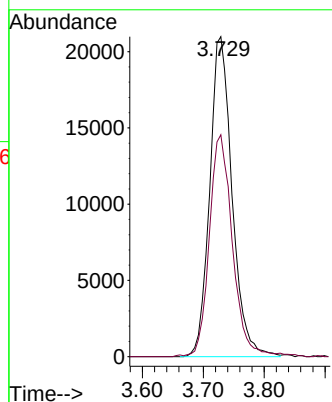
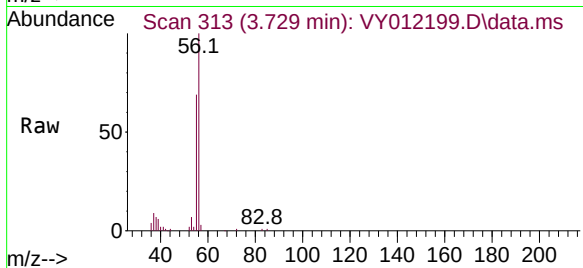
VSTDIC150

Tgt Ion: 56 Resp: 53521

Ion Ratio Lower Upper

56 100

55 72.0 56.6 85.0



#14

Allyl chloride

Concen: 152.560 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

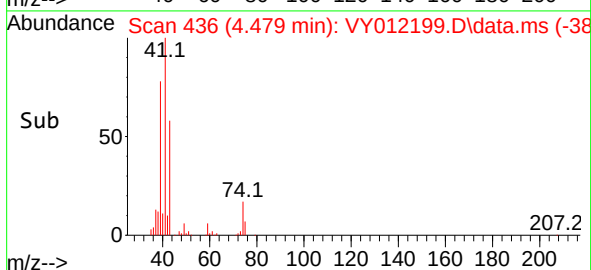
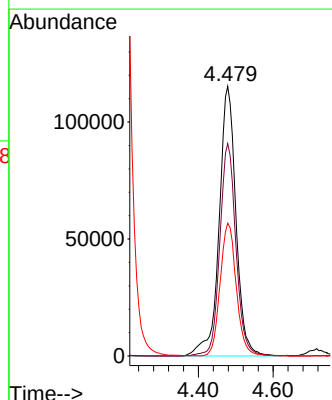
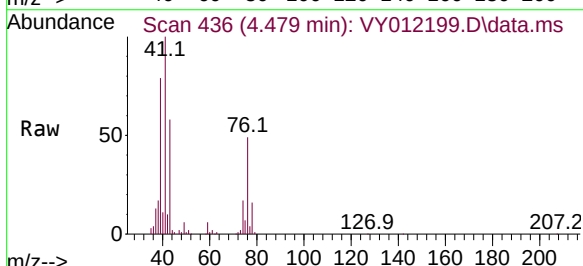
Tgt Ion: 41 Resp: 361209

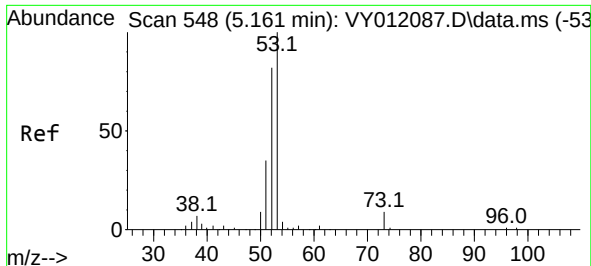
Ion Ratio Lower Upper

41 100

39 75.5 53.5 80.3

76 47.2 31.1 46.7#

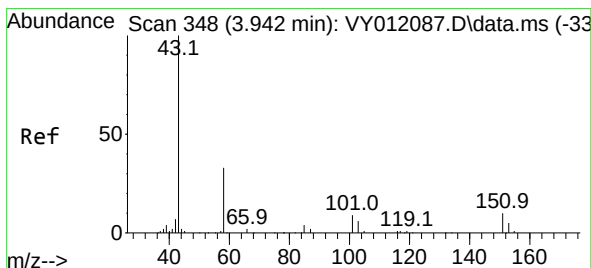
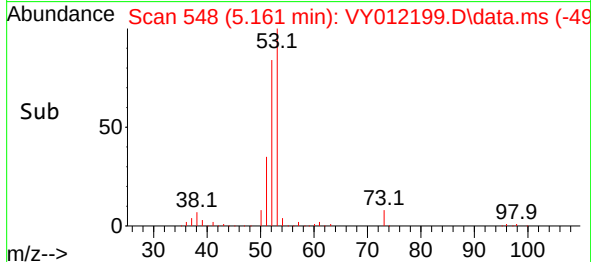
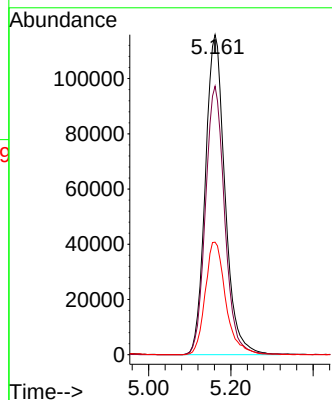
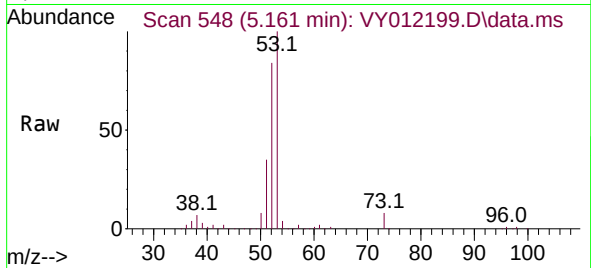




#15
Acrylonitrile
Concen: 771.715 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

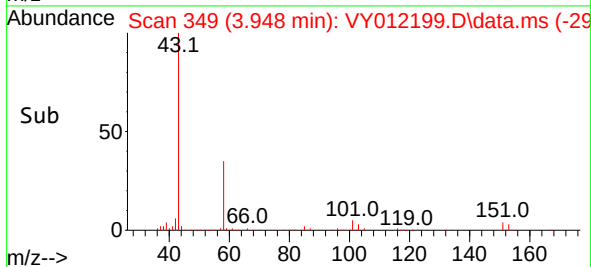
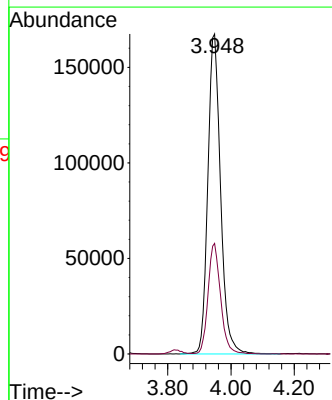
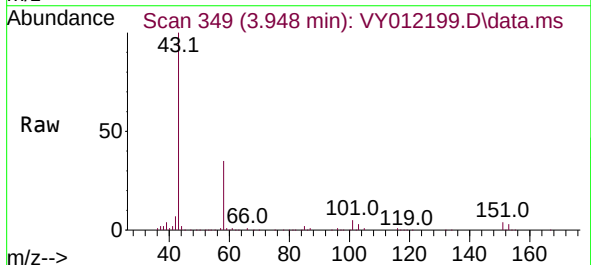
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

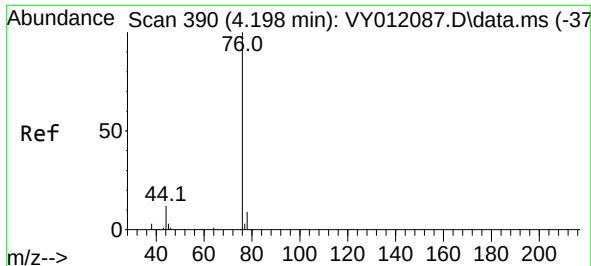
Tgt Ion: 53 Resp: 384331
Ion Ratio Lower Upper
53 100
52 82.1 65.1 97.7
51 36.8 28.7 43.1



#16
Acetone
Concen: 808.583 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 43 Resp: 469424
Ion Ratio Lower Upper
43 100
58 34.5 27.9 41.9

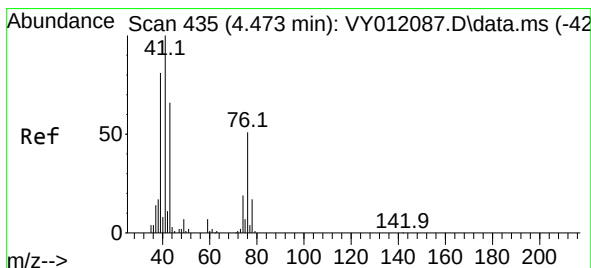
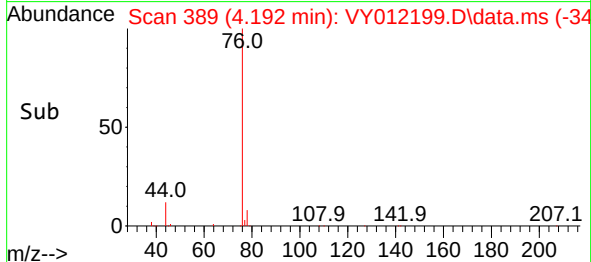
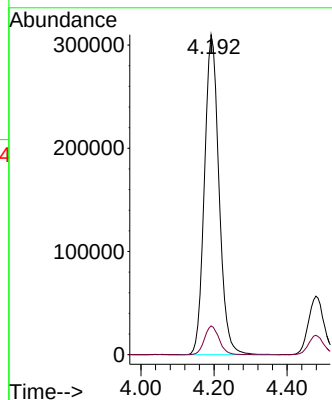
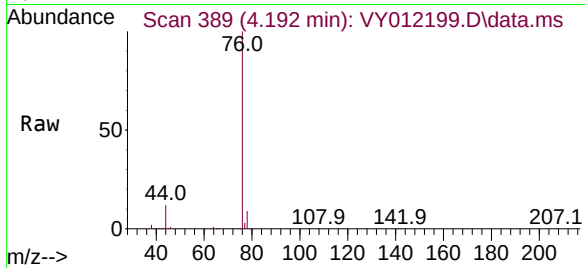




#17
Carbon Disulfide
Concen: 144.374 ug/l
RT: 4.192 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

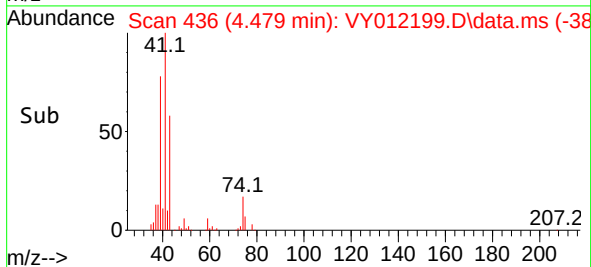
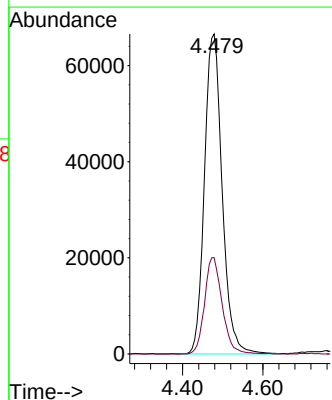
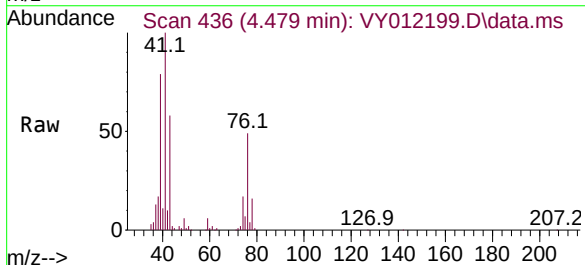
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

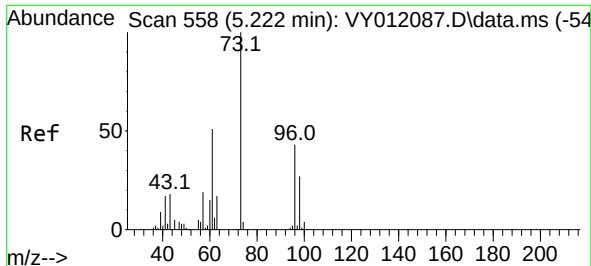
Tgt Ion: 76 Resp: 855111
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 157.075 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 43 Resp: 204053
Ion Ratio Lower Upper
43 100
74 30.0 20.1 30.1

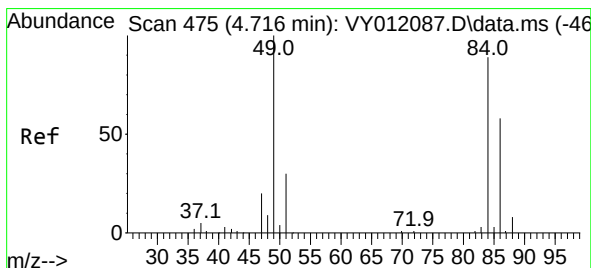
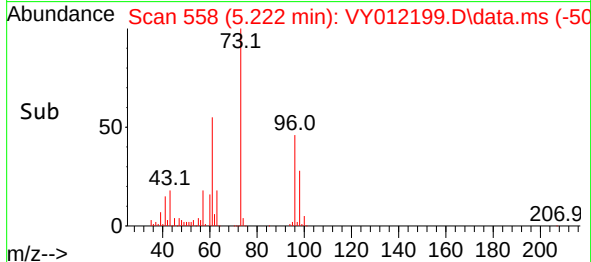
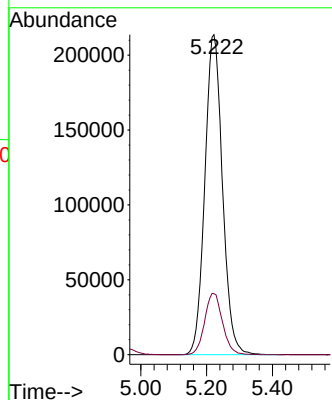
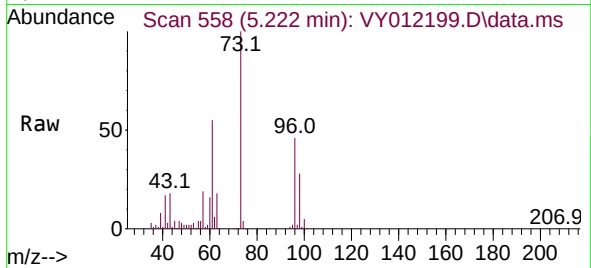




#19
Methyl tert-butyl Ether
Concen: 149.148 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

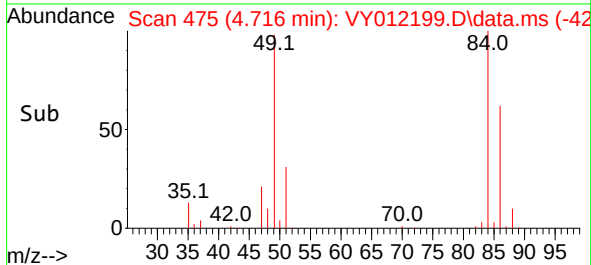
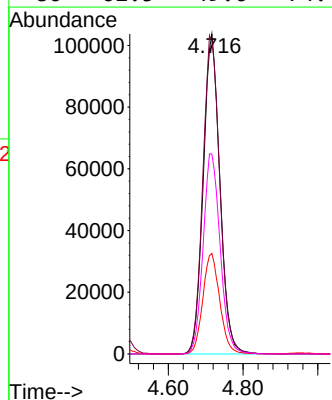
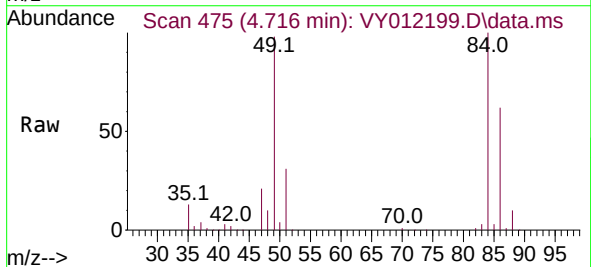
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

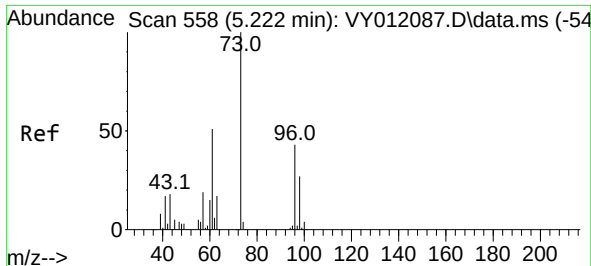
Tgt Ion: 73 Resp: 796131
Ion Ratio Lower Upper
73 100
57 19.0 17.4 26.0



#20
Methylene Chloride
Concen: 147.330 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 84 Resp: 320606
Ion Ratio Lower Upper
84 100
49 97.7 95.4 143.2
51 31.4 29.9 44.9
86 62.5 49.6 74.4

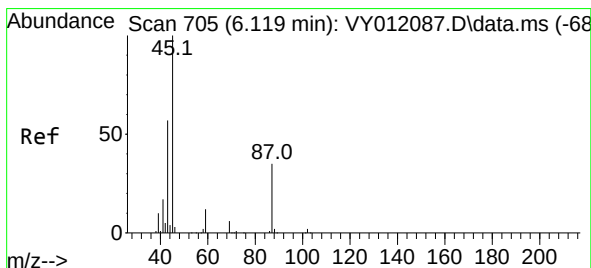
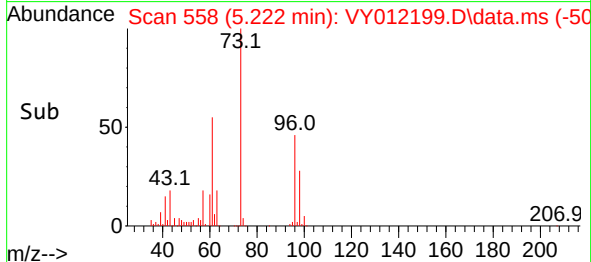
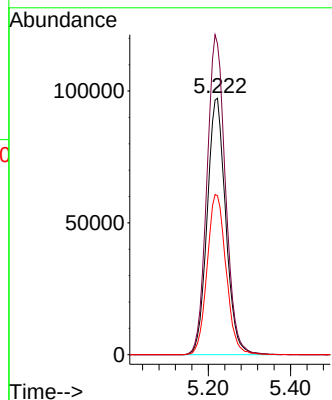
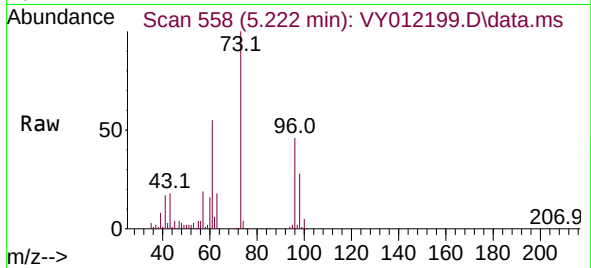




#21
trans-1,2-Dichloroethene
Concen: 142.442 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

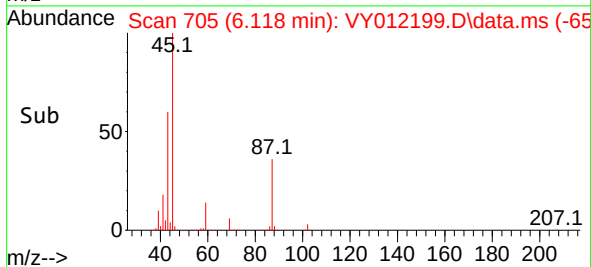
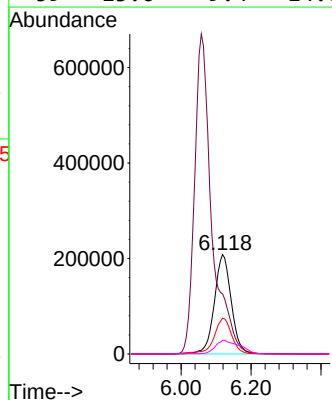
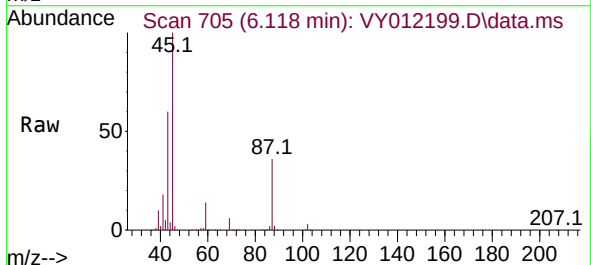
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

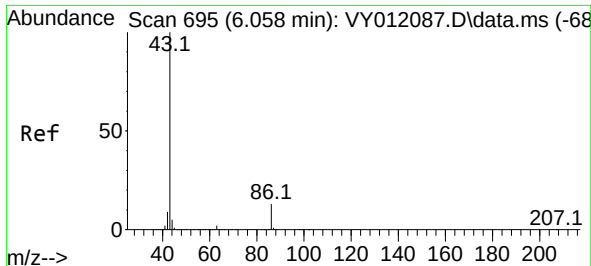
Tgt Ion: 96 Resp: 304371
Ion Ratio Lower Upper
96 100
61 121.2 108.0 162.0
98 62.0 51.6 77.4



#22
Diisopropyl ether
Concen: 147.689 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 45 Resp: 697127
Ion Ratio Lower Upper
45 100
43 60.1 45.0 67.4
87 35.9 22.6 33.8#
59 13.6 9.4 14.0

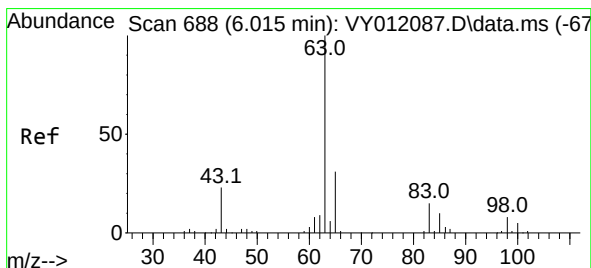
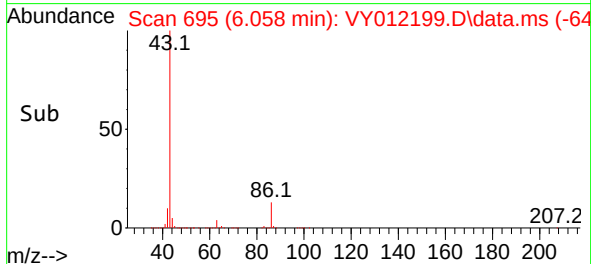
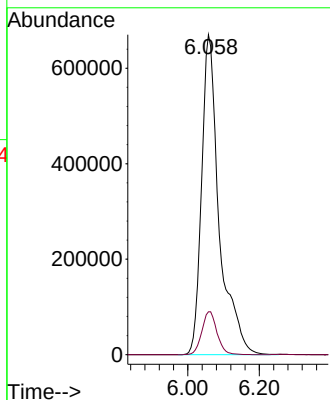
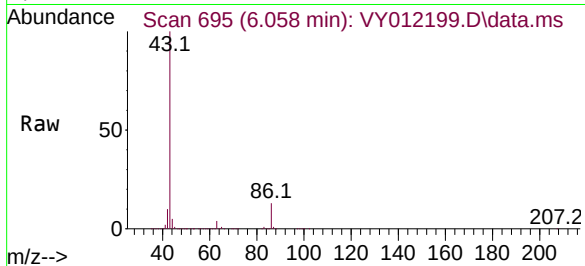




#23
 Vinyl Acetate
 Concen: 777.518 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012199.D
 Acq: 16 Jan 2023 14:34

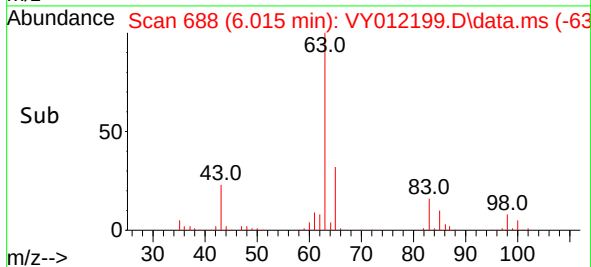
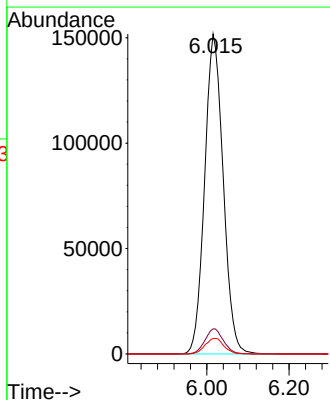
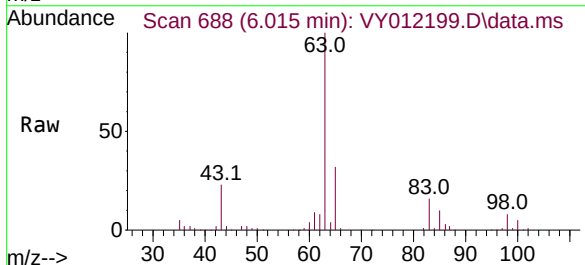
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

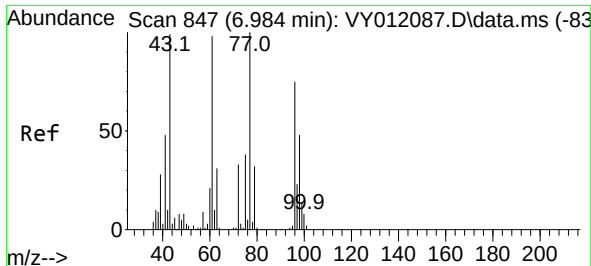
Tgt Ion: 43 Resp: 2286941
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 145.051 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012199.D
 Acq: 16 Jan 2023 14:34

Tgt Ion: 63 Resp: 474899
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.5
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 811.066 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

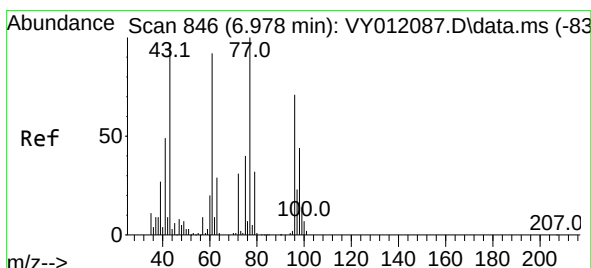
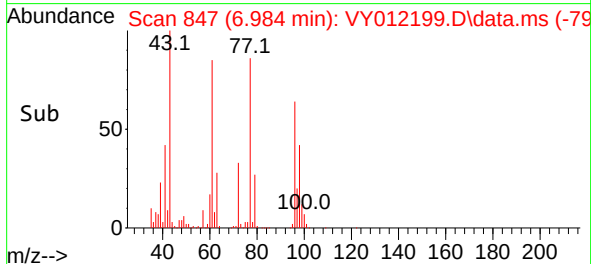
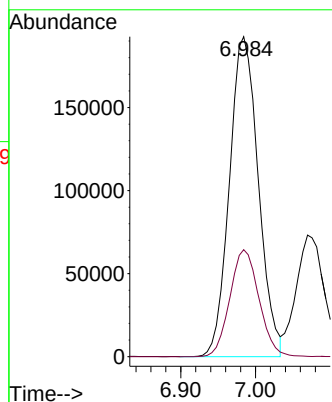
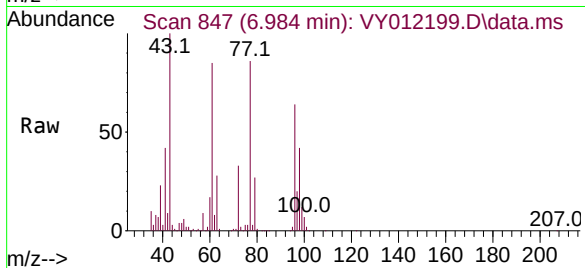
VSTDIC150

Tgt Ion: 43 Resp: 519829

Ion Ratio Lower Upper

43 100

72 33.5 22.6 34.0



#26

2,2-Dichloropropane

Concen: 142.272 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY012199.D

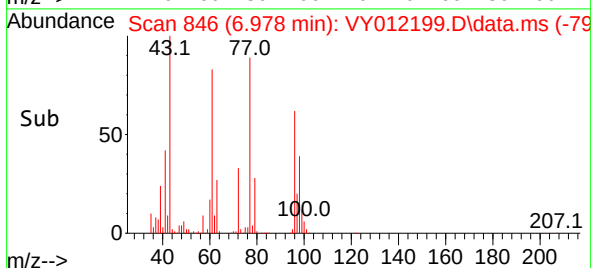
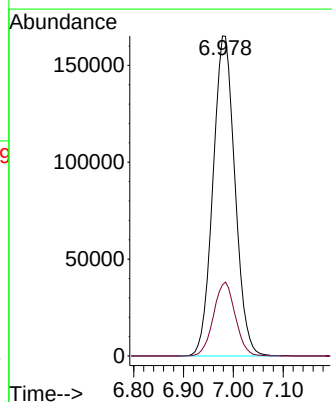
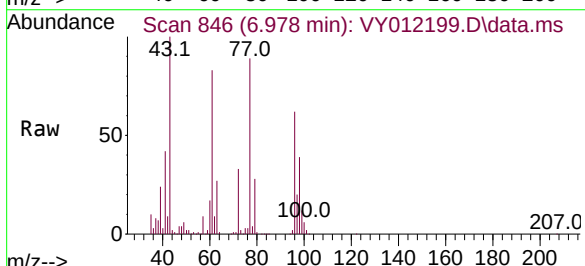
Acq: 16 Jan 2023 14:34

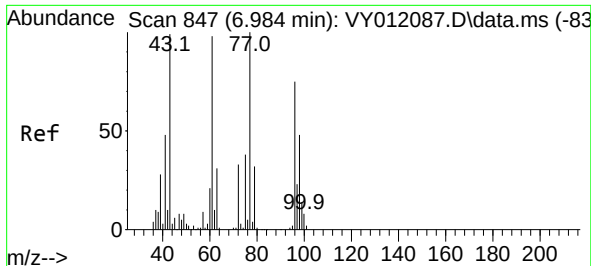
Tgt Ion: 77 Resp: 505656

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 143.345 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

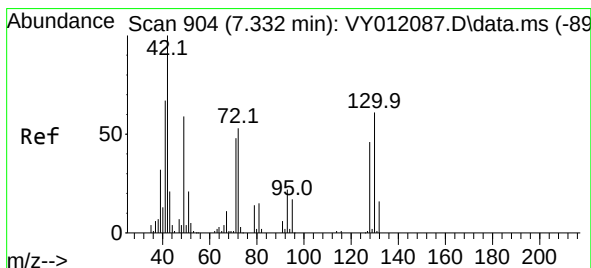
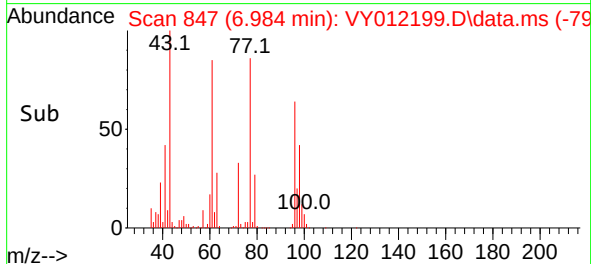
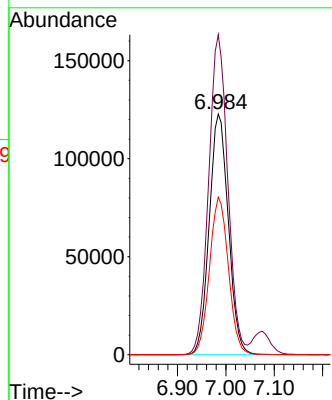
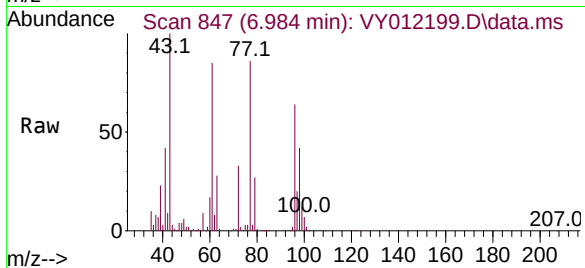
Tgt Ion: 96 Resp: 336451

Ion Ratio Lower Upper

96 100

61 133.6 0.0 283.4

98 65.0 0.0 127.6



#28

Bromochloromethane

Concen: 137.938 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

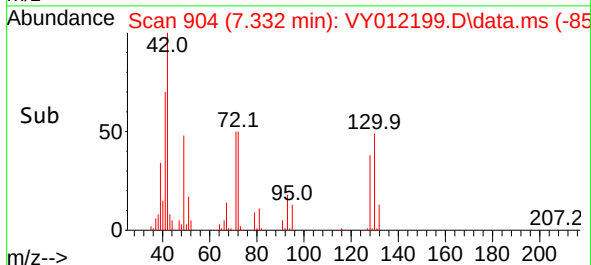
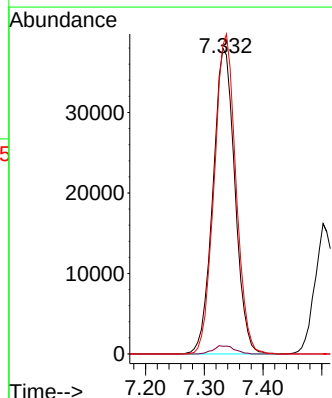
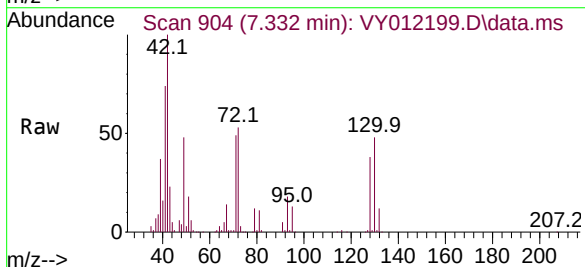
Tgt Ion: 49 Resp: 98630

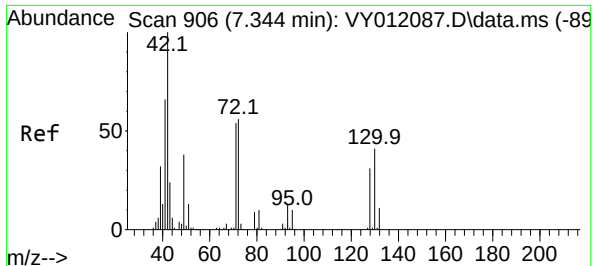
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 103.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 816.016 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

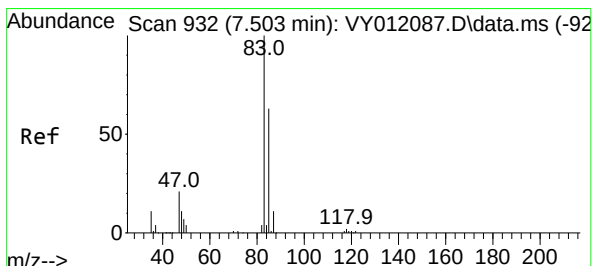
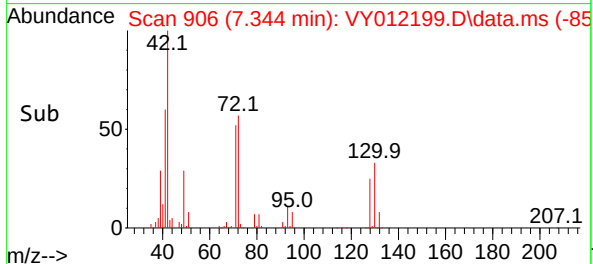
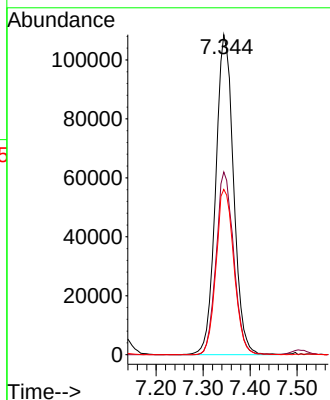
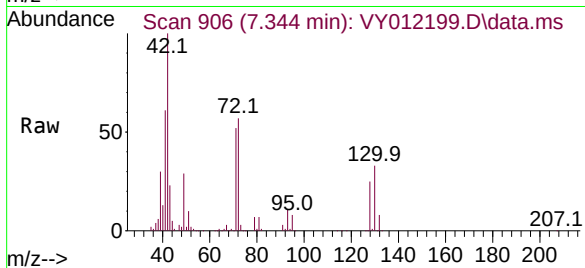
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 287280

Ion	Ratio	Lower	Upper
42	100		
72	56.1	37.0	55.6#
71	51.8	34.9	52.3



#30

Chloroform

Concen: 139.255 ug/l

RT: 7.508 min Scan# 933

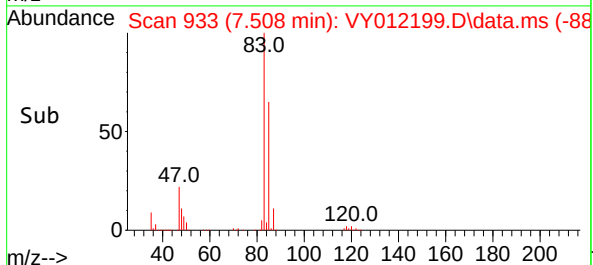
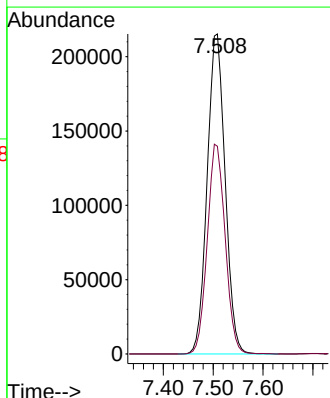
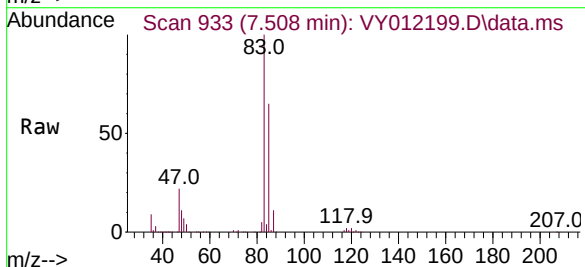
Delta R.T. 0.005 min

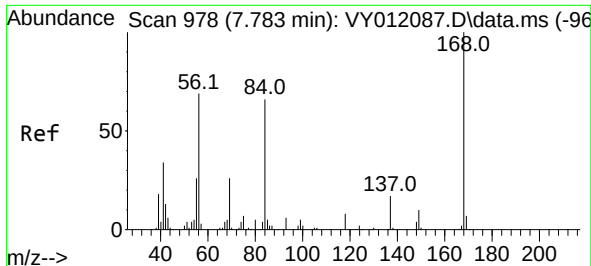
Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Tgt Ion: 83 Resp: 538200

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3

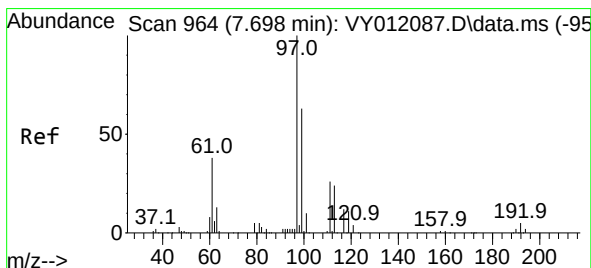
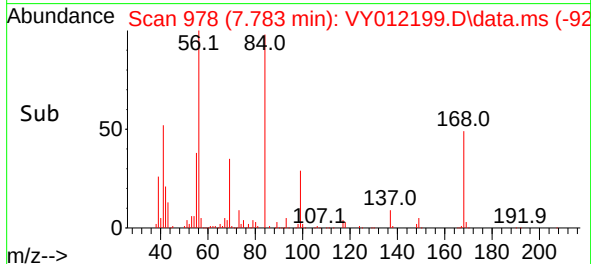
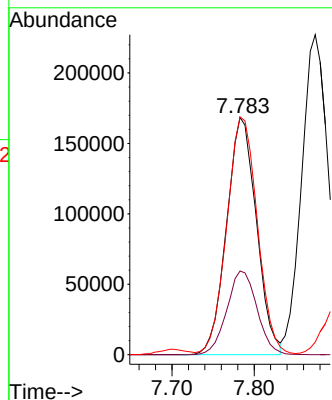
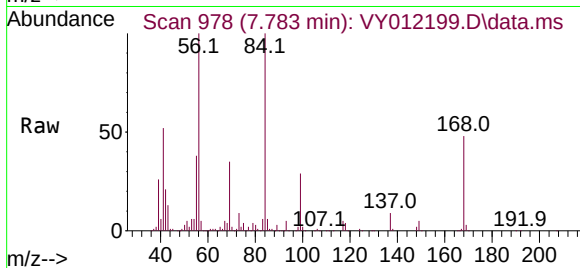




#31
Cyclohexane
Concen: 140.038 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

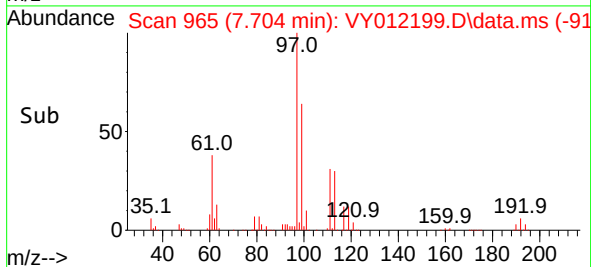
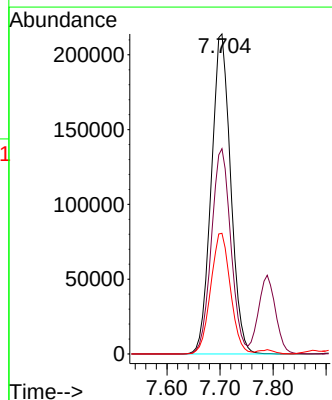
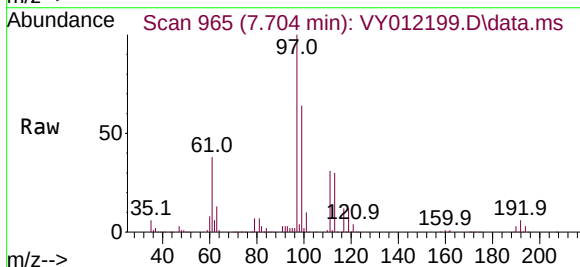
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

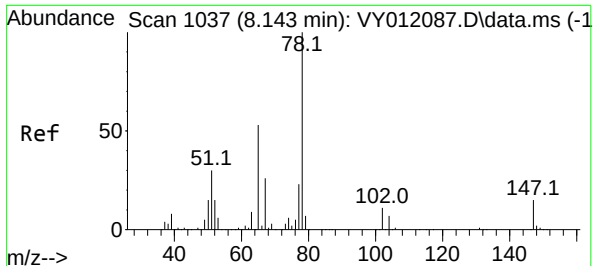
Tgt Ion: 56 Resp: 425687
Ion Ratio Lower Upper
56 100
69 35.3 29.2 43.8
84 98.3 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 141.814 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 97 Resp: 542606
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 38.5 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 148.206 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

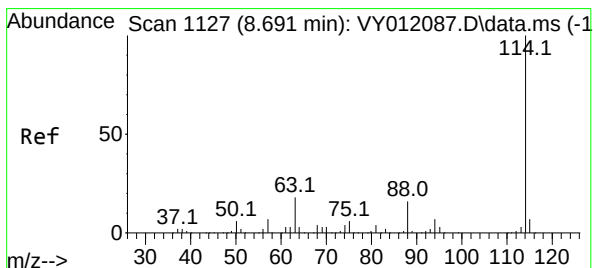
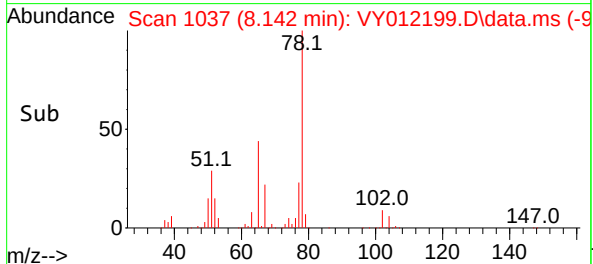
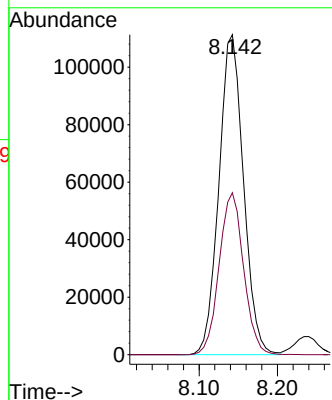
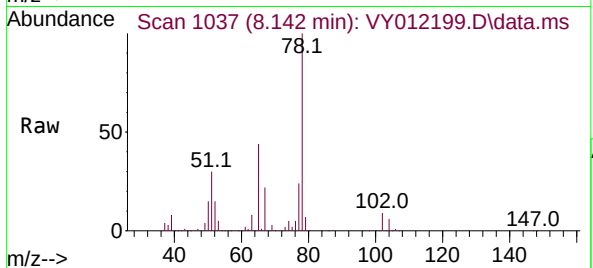
VSTDICC150

Tgt Ion: 65 Resp: 242775

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

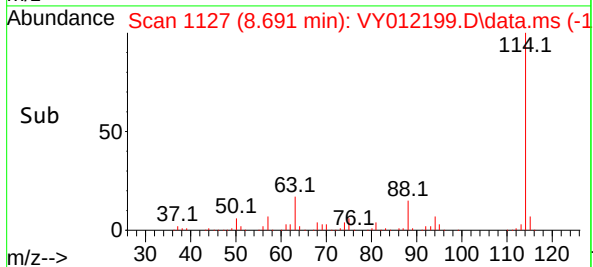
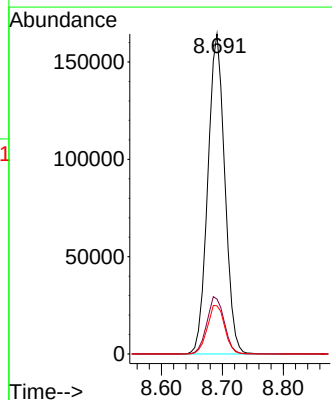
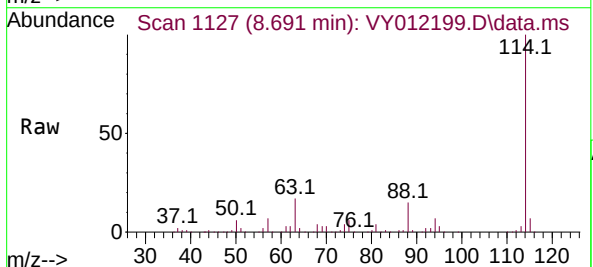
Tgt Ion: 114 Resp: 318048

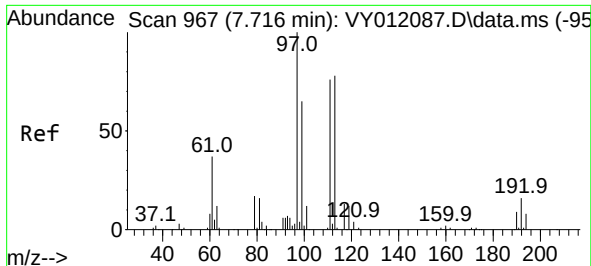
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.0 0.0 32.2

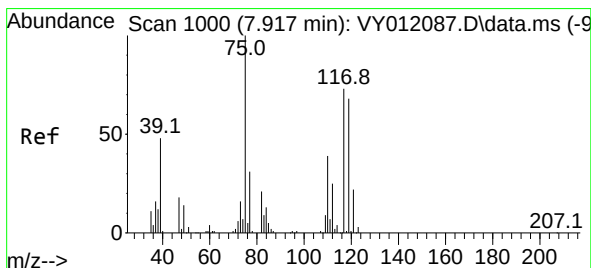
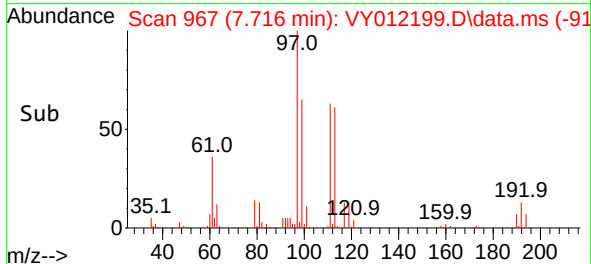
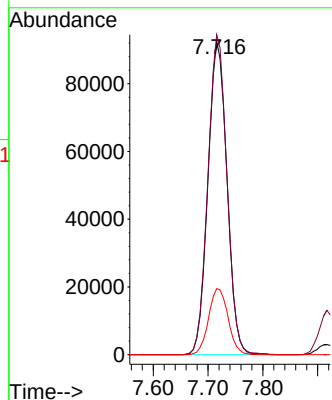
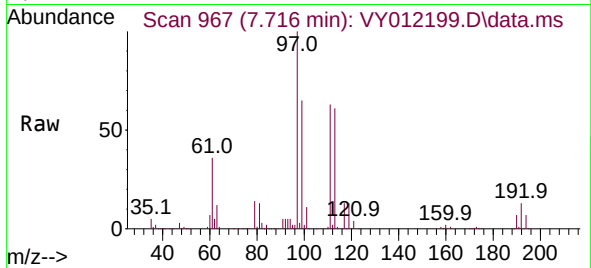




#35
 Dibromofluoromethane
 Concen: 132.225 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY012199.D
 Acq: 16 Jan 2023 14:34

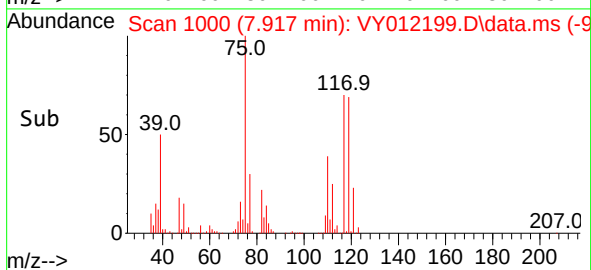
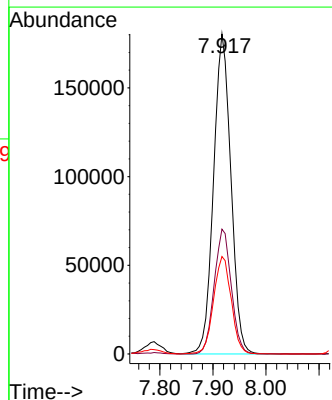
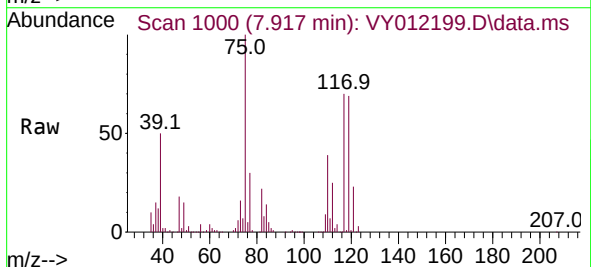
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

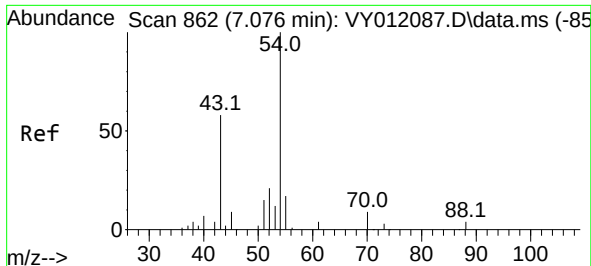
Tgt Ion:113 Resp: 222675
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 21.6 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 143.579 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VY012199.D
 Acq: 16 Jan 2023 14:34

Tgt Ion: 75 Resp: 410936
 Ion Ratio Lower Upper
 75 100
 110 38.3 18.1 54.1
 77 31.0 25.1 37.7





#37

Ethyl Acetate

Concen: 155.984 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

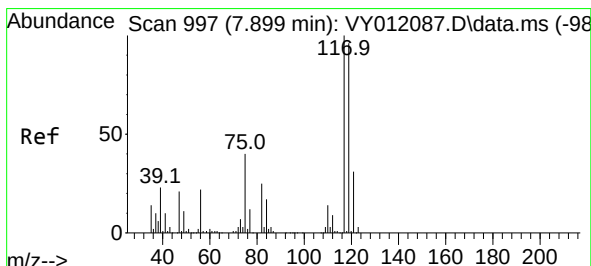
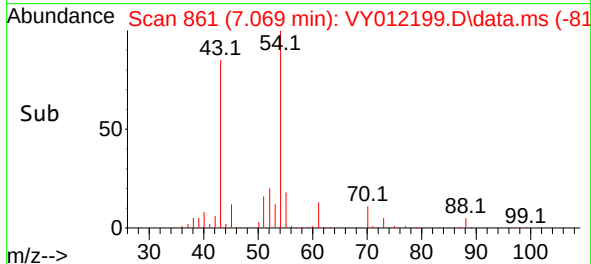
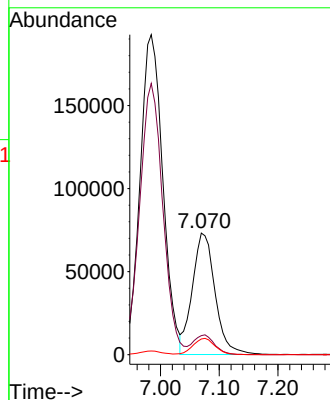
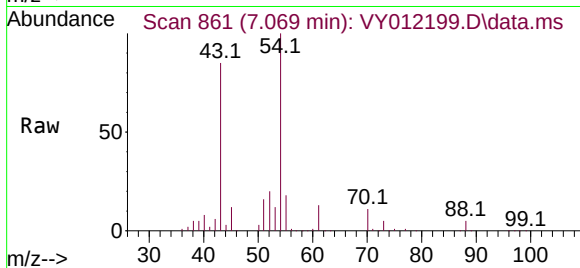
Tgt Ion: 43 Resp: 196810

Ion Ratio Lower Upper

43 100

61 15.1 11.3 16.9

70 13.1 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 140.073 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

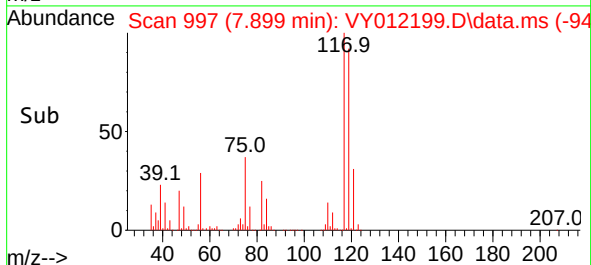
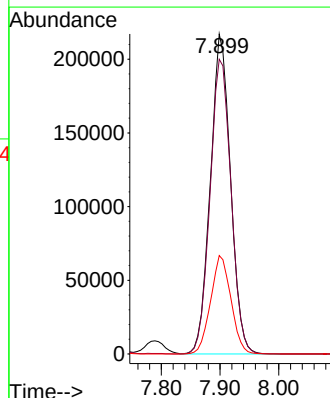
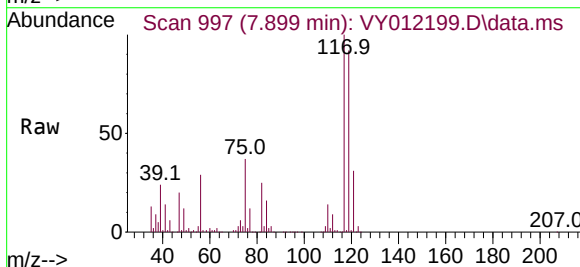
Tgt Ion: 117 Resp: 517769

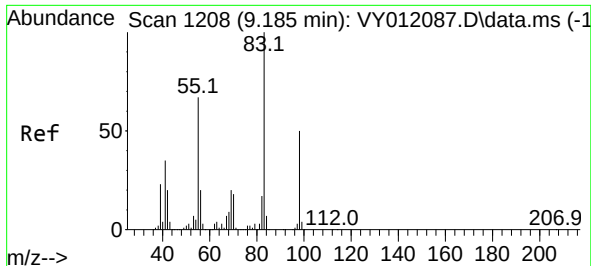
Ion Ratio Lower Upper

117 100

119 92.1 73.8 110.8

121 30.8 25.2 37.8

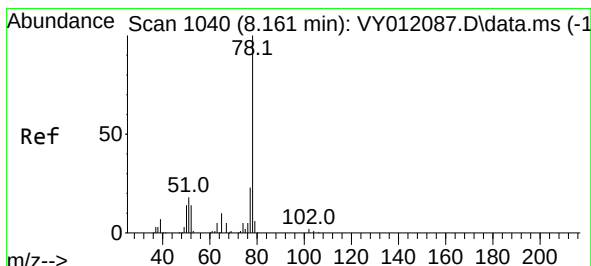
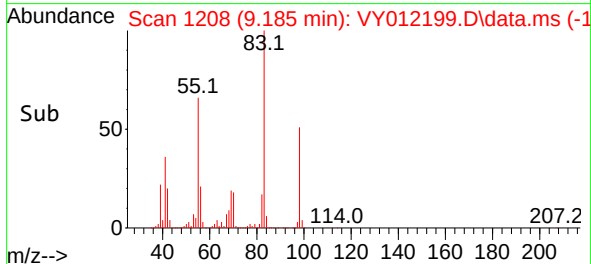
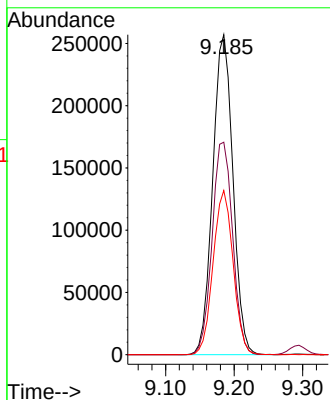
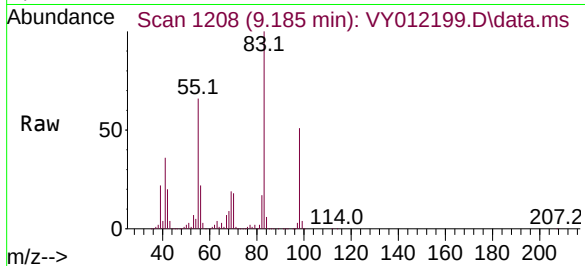




#39
Methylcyclohexane
Concen: 149.941 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

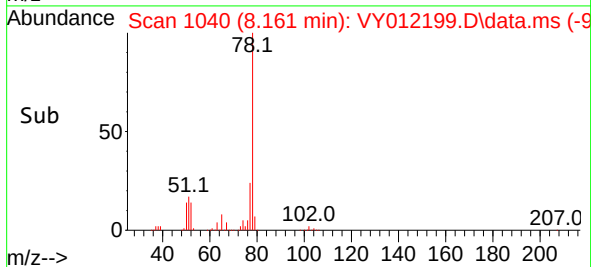
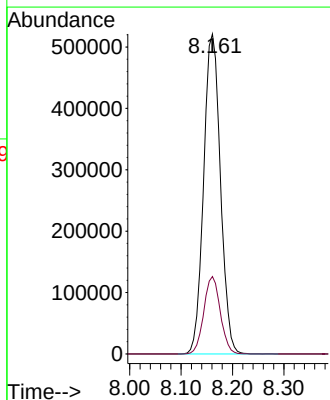
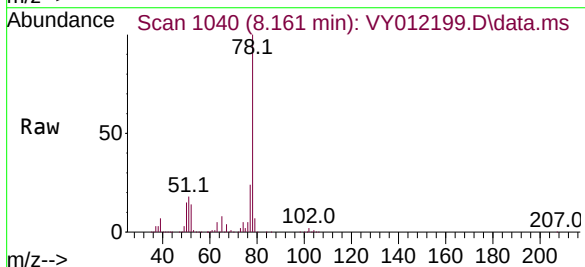
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

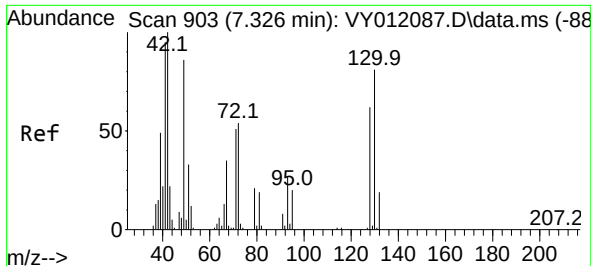
Tgt Ion: 83 Resp: 524437
Ion Ratio Lower Upper
83 100
55 66.4 58.2 87.2
98 51.3 38.6 58.0



#40
Benzene
Concen: 143.162 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 78 Resp: 1182619
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8

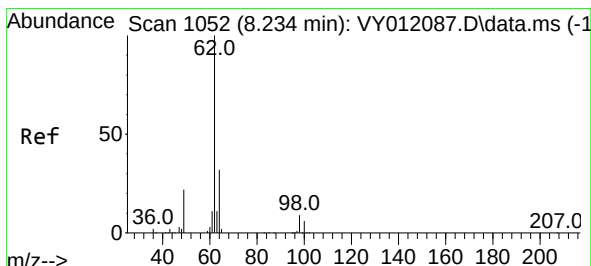
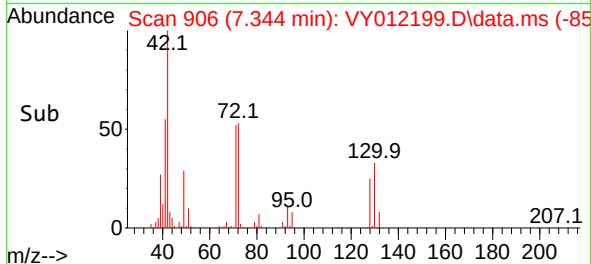
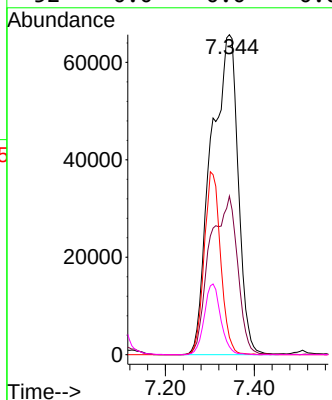
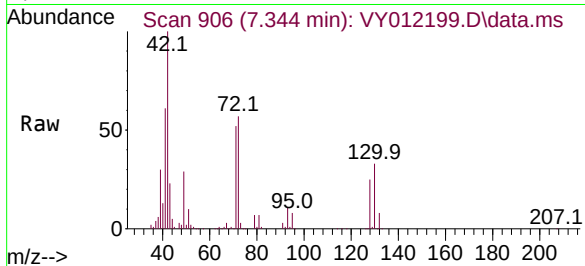




#41
Methacrylonitrile
Concen: 373.431 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

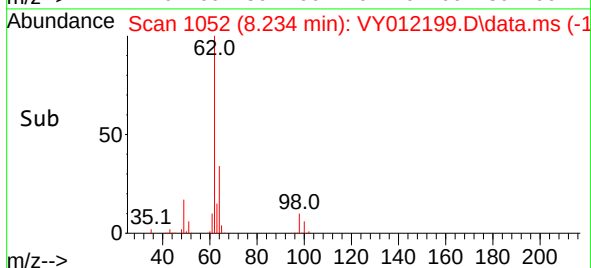
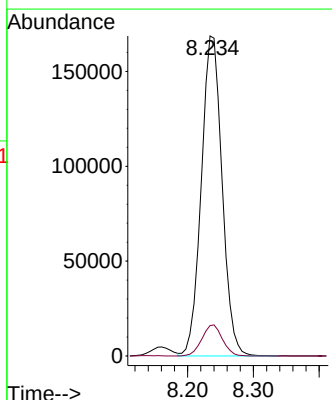
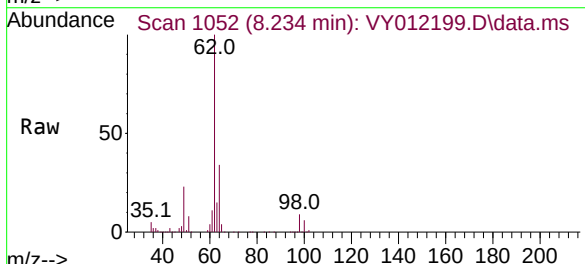
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

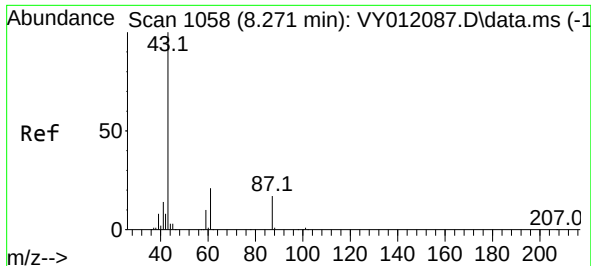
Tgt Ion: 41 Resp: 276951
Ion Ratio Lower Upper
41 100
39 50.6 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 141.081 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 62 Resp: 371025
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43

Isopropyl Acetate

Concen: 158.775 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

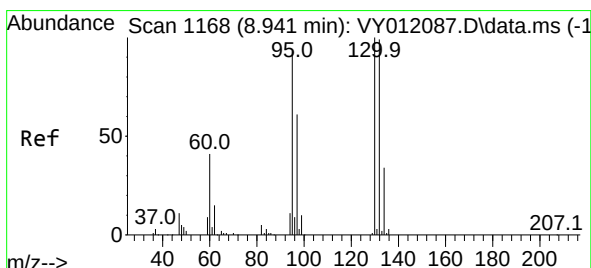
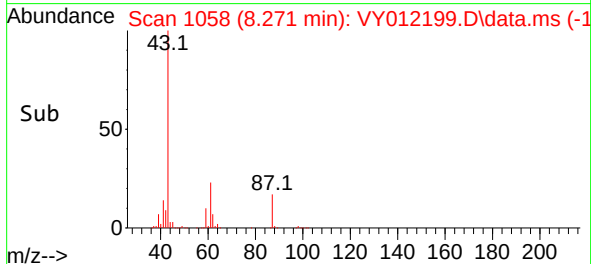
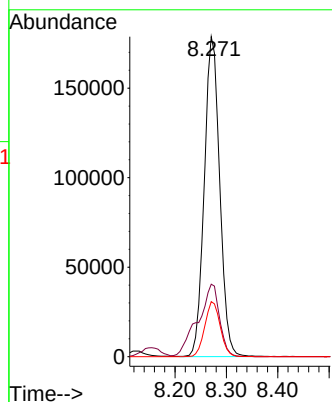
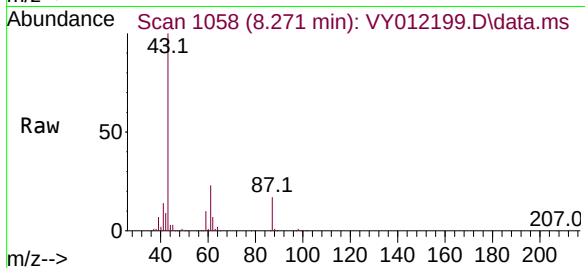
Tgt Ion: 43 Resp: 372712

Ion Ratio Lower Upper

43 100

61 31.8 24.4 36.6

87 17.3 11.4 17.2#



#44

Trichloroethene

Concen: 141.442 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012199.D

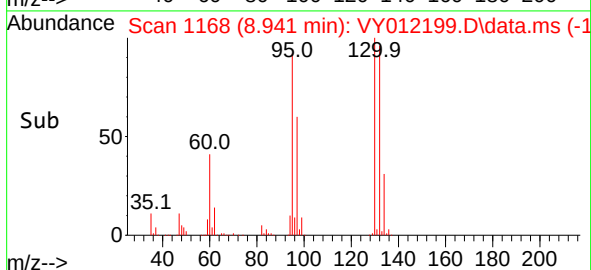
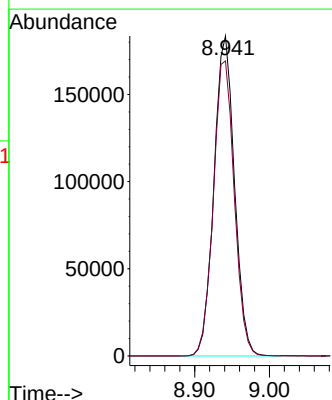
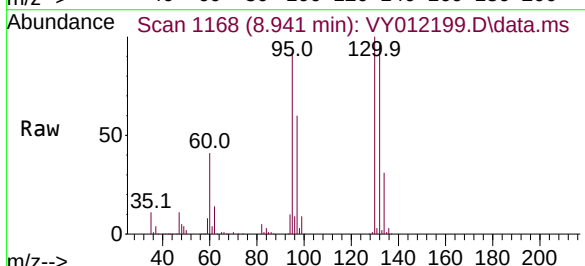
Acq: 16 Jan 2023 14:34

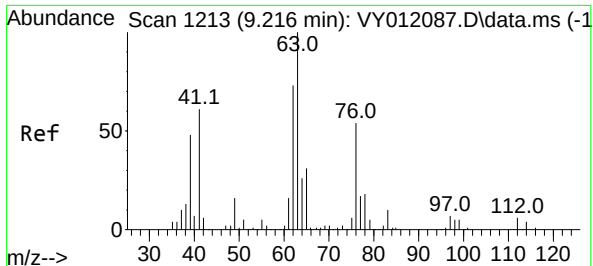
Tgt Ion:130 Resp: 349231

Ion Ratio Lower Upper

130 100

95 92.2 0.0 190.6





#45

1,2-Dichloropropane

Concen: 147.341 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

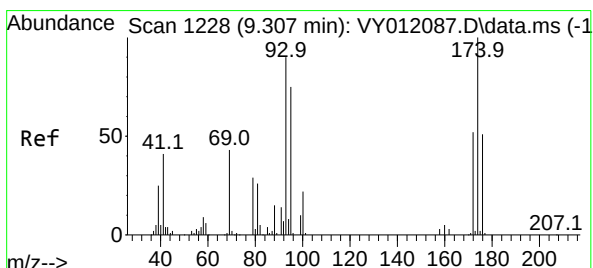
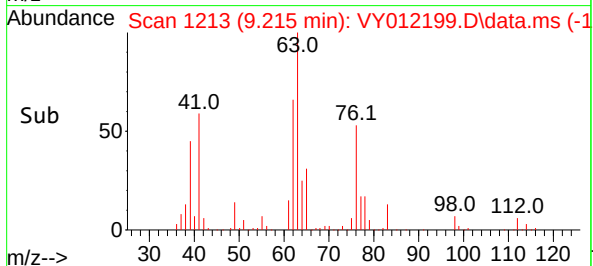
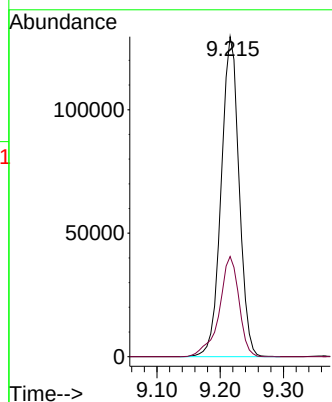
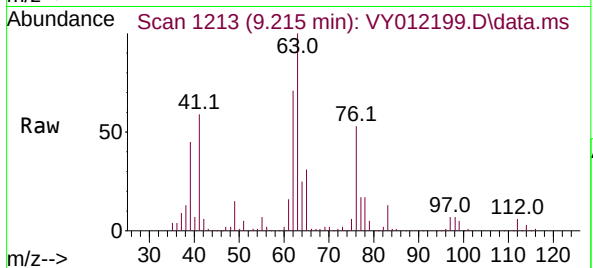
VSTDIC150

Tgt Ion: 63 Resp: 253972

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3



#46

Dibromomethane

Concen: 144.909 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

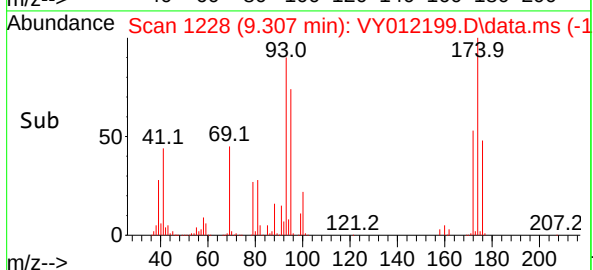
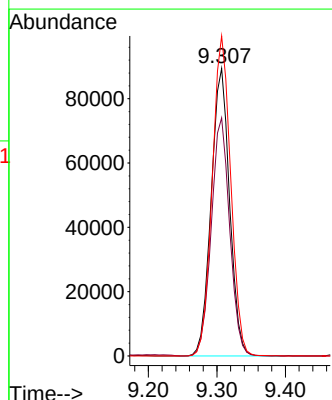
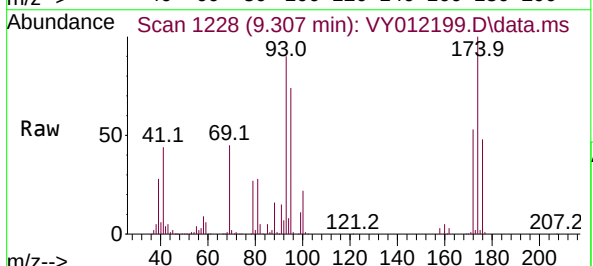
Tgt Ion: 93 Resp: 167217

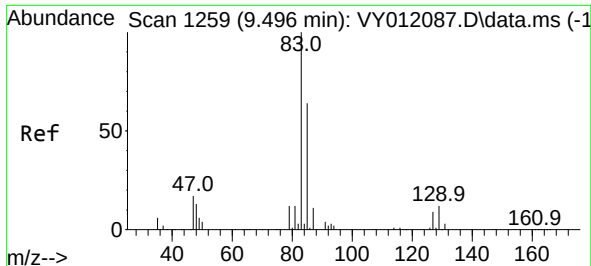
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 111.4 84.7 127.1

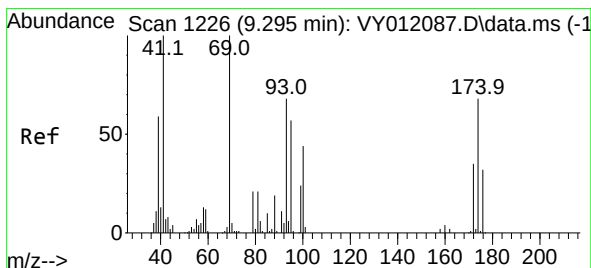
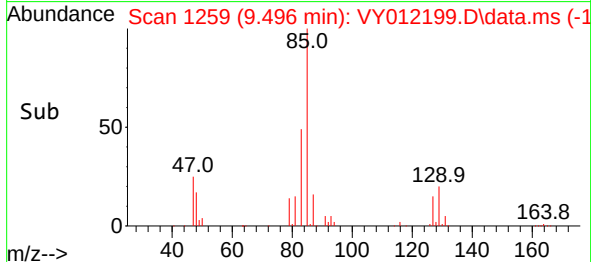
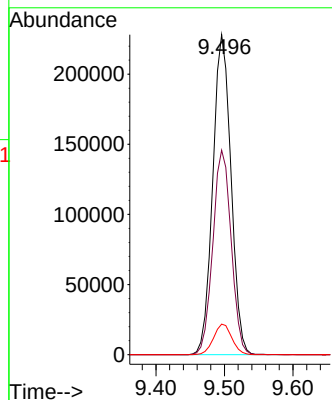
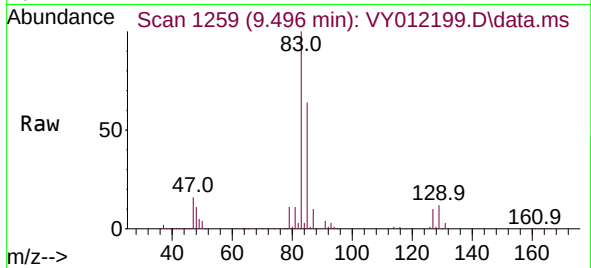




#47
Bromodichloromethane
Concen: 144.691 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

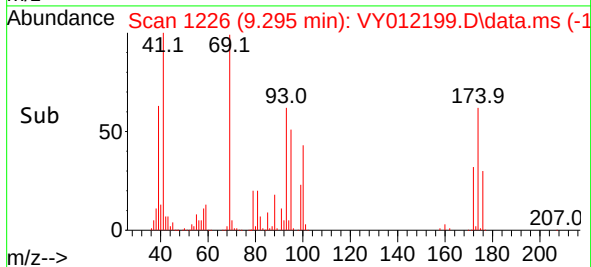
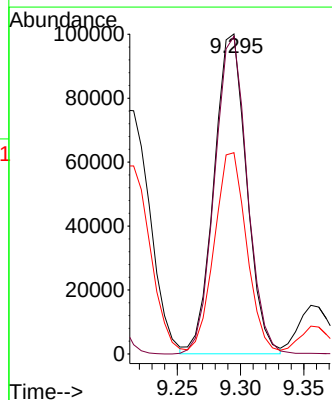
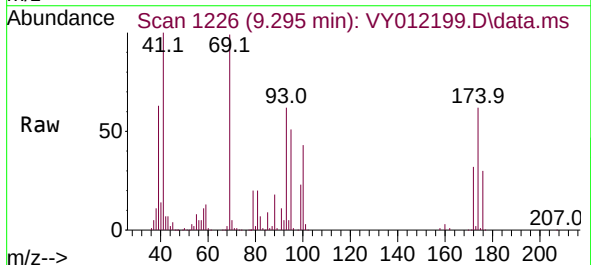
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

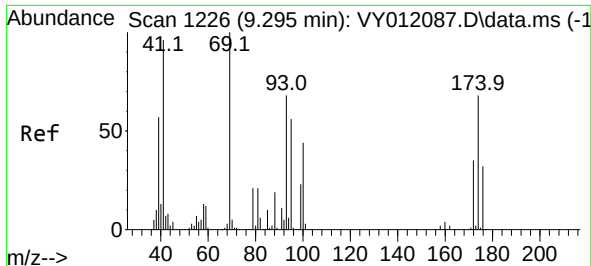
Tgt Ion: 83 Resp: 420287
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0
127 9.6 7.3 10.9



#48
Methyl methacrylate
Concen: 165.833 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 41 Resp: 179364
Ion Ratio Lower Upper
41 100
69 99.3 74.2 111.2
39 60.4 46.3 69.5





#49

1,4-Dioxane

Concen: 3141.341 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

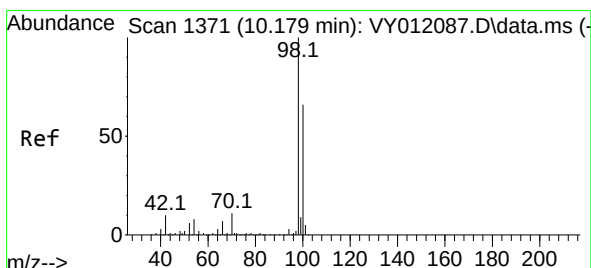
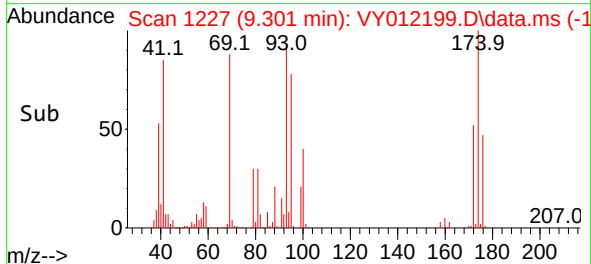
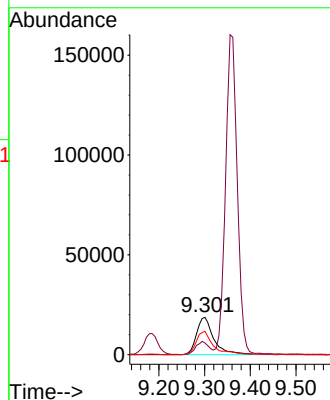
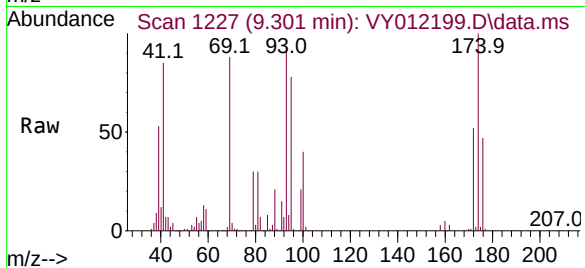
Tgt Ion: 88 Resp: 49394

Ion Ratio Lower Upper

88 100

43 26.6 26.2 39.2

58 62.8 54.3 81.5



#50

Toluene-d8

Concen: 148.976 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012199.D

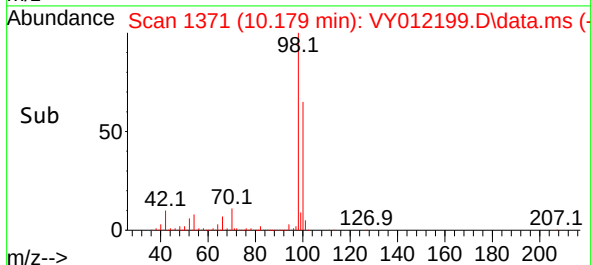
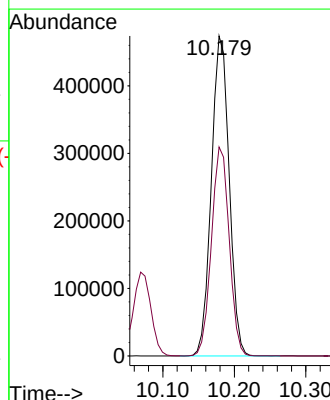
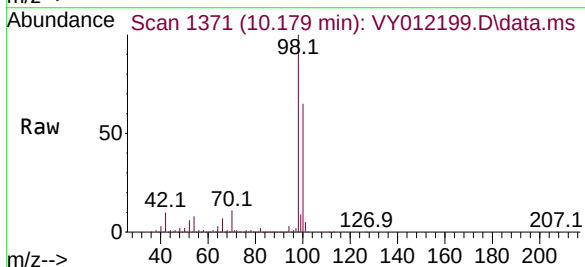
Acq: 16 Jan 2023 14:34

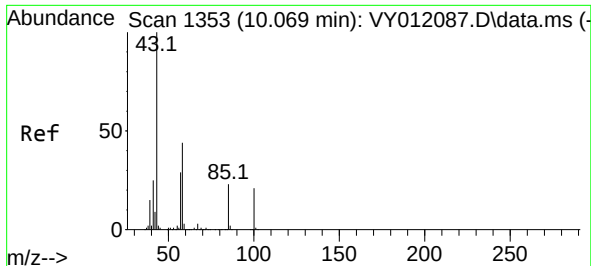
Tgt Ion: 98 Resp: 819241

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

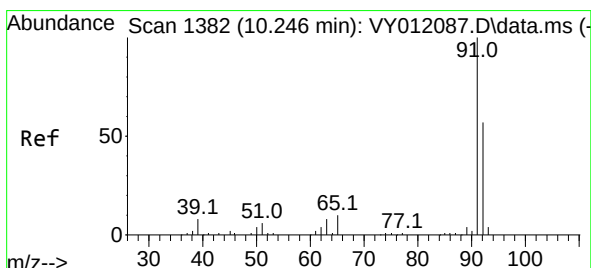
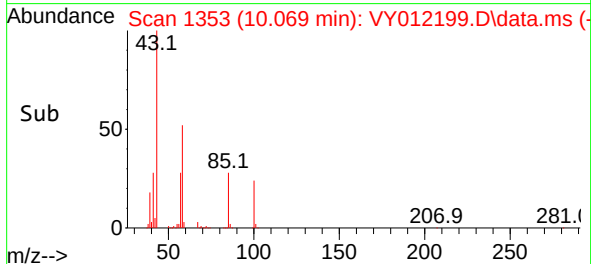
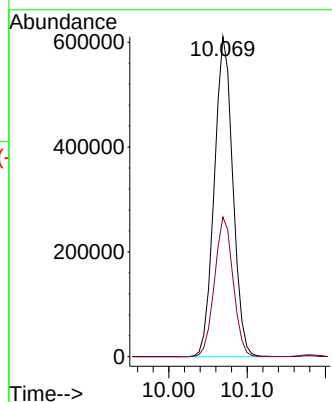
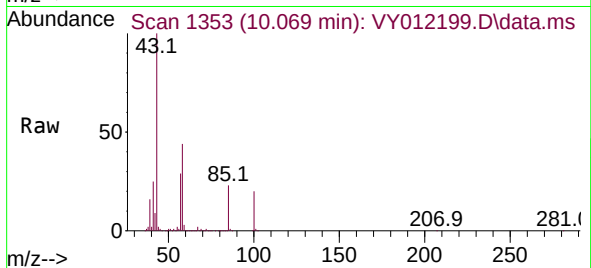




#51
4-Methyl-2-Pentanone
Concen: 802.447 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

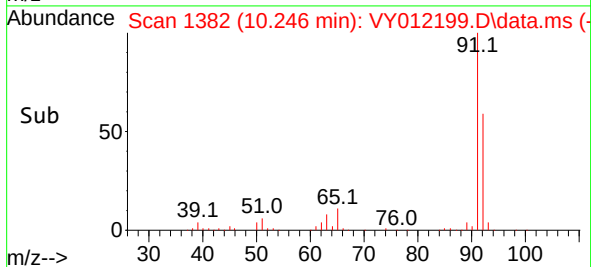
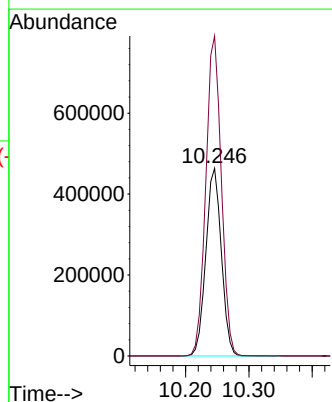
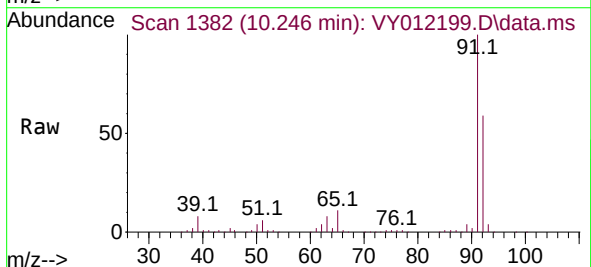
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

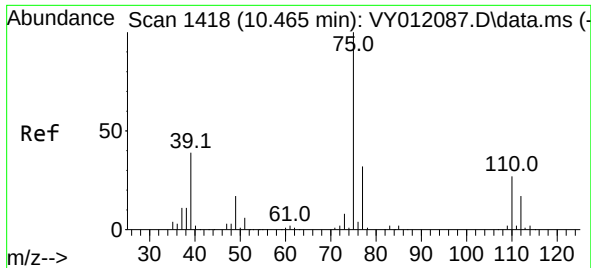
Tgt Ion: 43 Resp: 1004437
Ion Ratio Lower Upper
43 100
58 43.8 32.9 49.3



#52
Toluene
Concen: 143.603 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 92 Resp: 789842
Ion Ratio Lower Upper
92 100
91 170.6 137.4 206.0

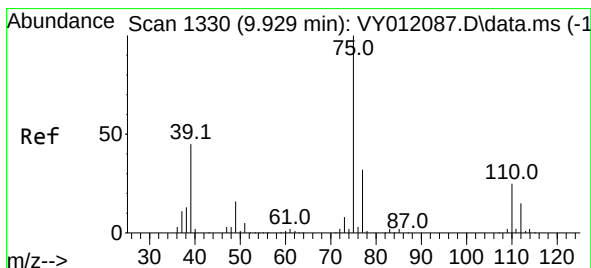
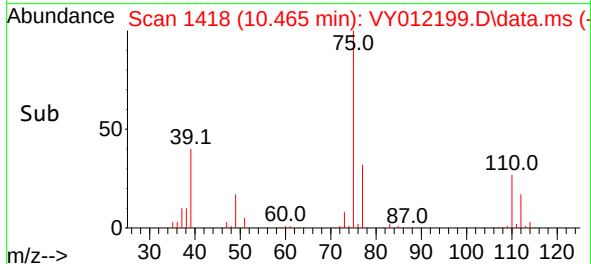
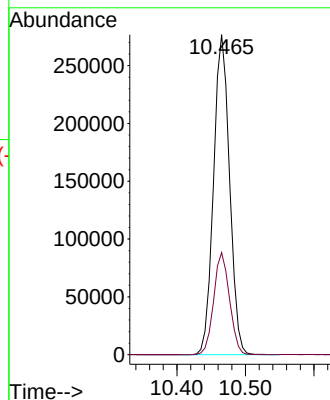
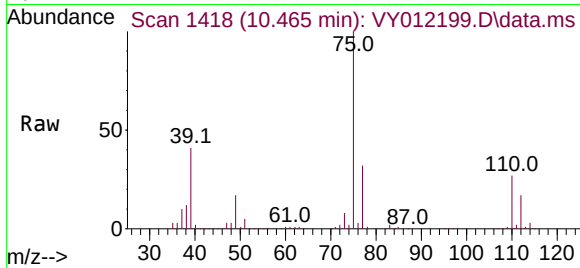




#53
 t-1,3-Dichloropropene
 Concen: 147.565 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012199.D
 Acq: 16 Jan 2023 14:34

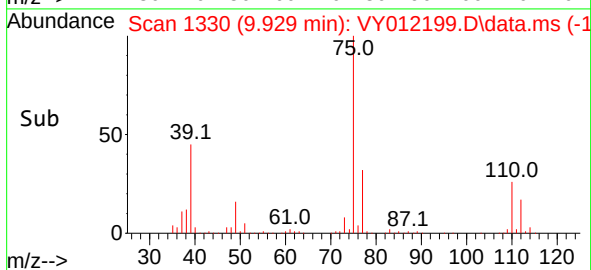
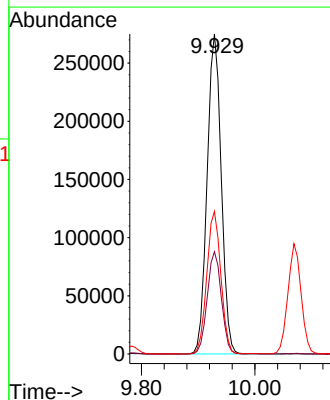
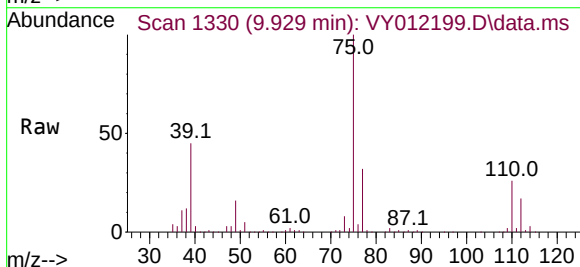
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

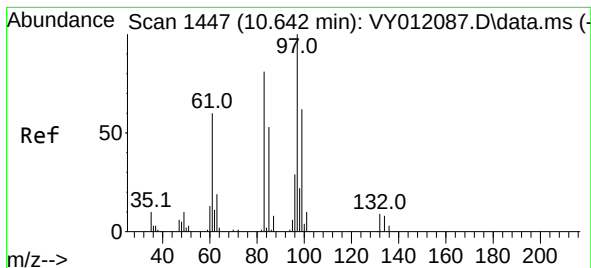
Tgt Ion: 75 Resp: 448355
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 145.846 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012199.D
 Acq: 16 Jan 2023 14:34

Tgt Ion: 75 Resp: 477227
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.9 38.9
 39 44.5 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 143.013 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 234468

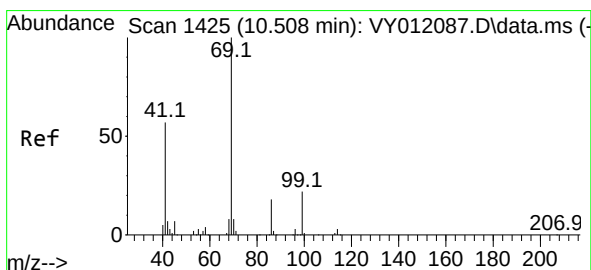
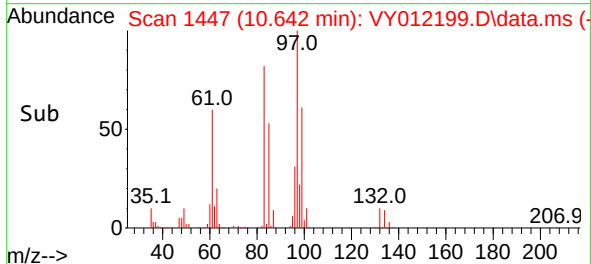
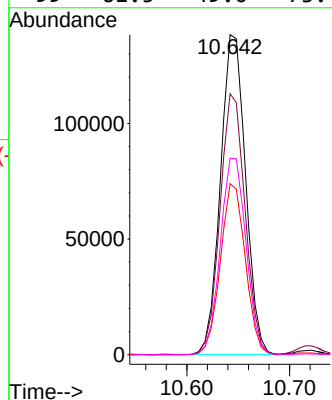
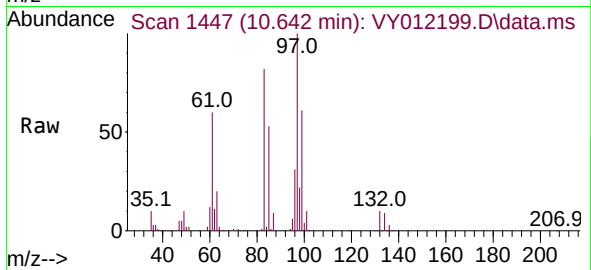
Ion Ratio Lower Upper

97 100

83 81.6 67.7 101.5

85 53.5 43.8 65.8

99 61.5 49.0 73.4



#56

Ethyl methacrylate

Concen: 156.131 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

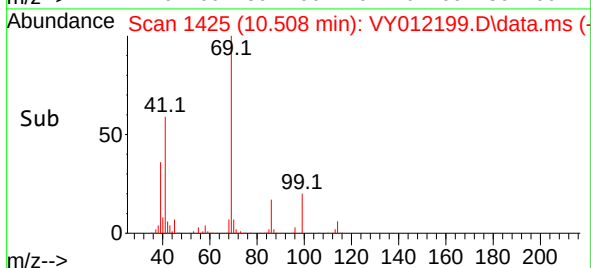
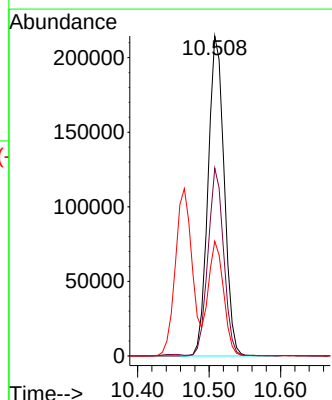
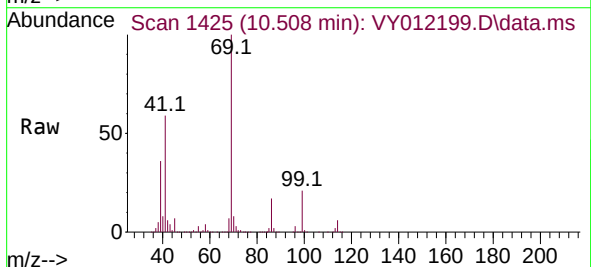
Tgt Ion: 69 Resp: 335819

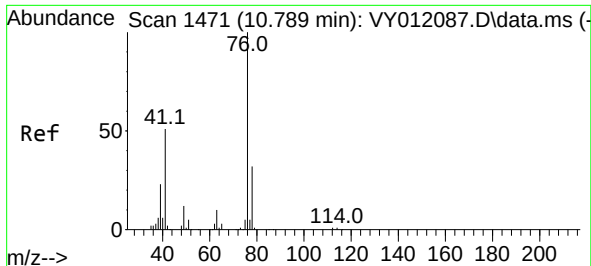
Ion Ratio Lower Upper

69 100

41 57.0 48.9 73.3

39 33.5 25.9 38.9





#57

1,3-Dichloropropane

Concen: 145.550 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

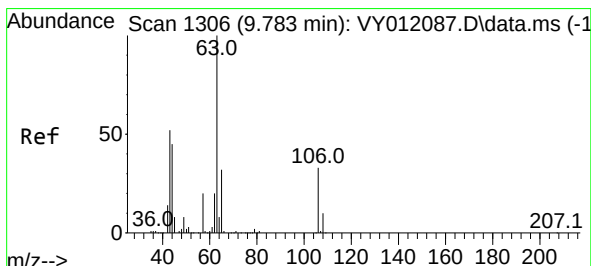
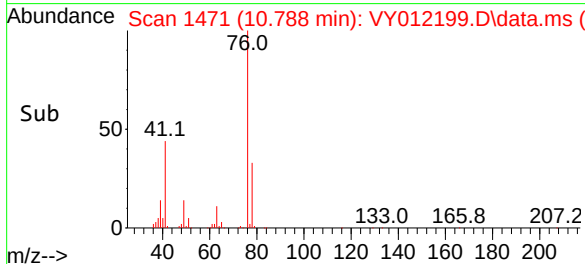
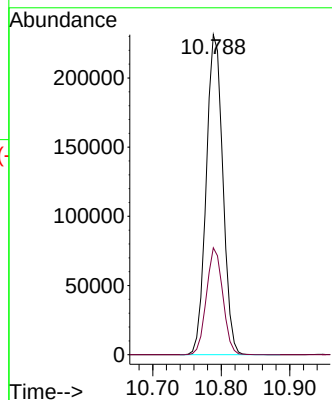
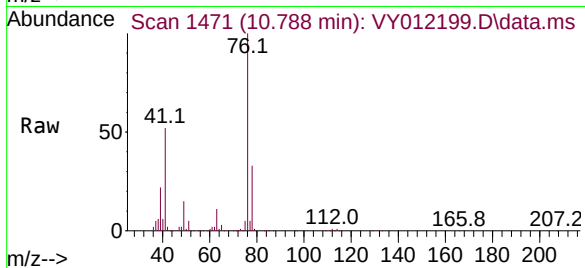
VSTDICC150

Tgt Ion: 76 Resp: 389713

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 750.559 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012199.D

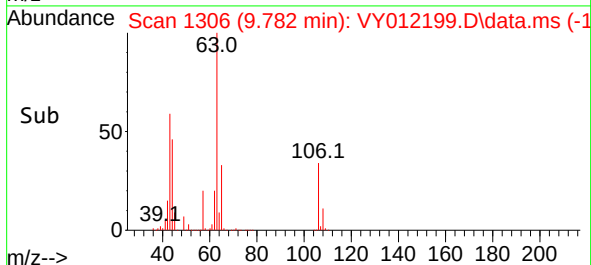
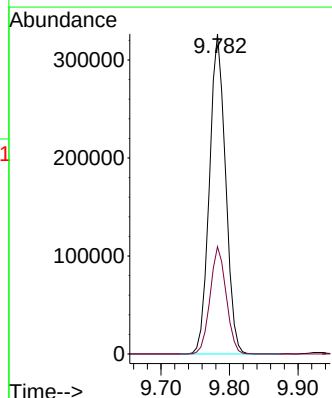
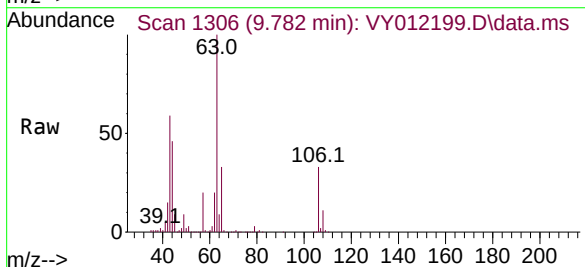
Acq: 16 Jan 2023 14:34

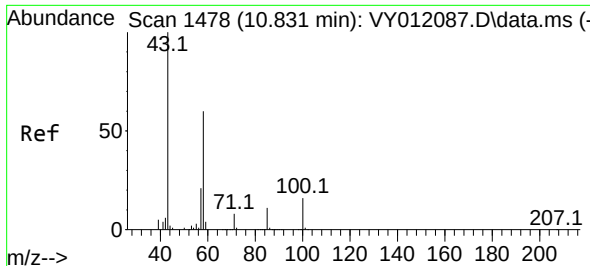
Tgt Ion: 63 Resp: 534173

Ion Ratio Lower Upper

63 100

106 33.4 23.2 34.8

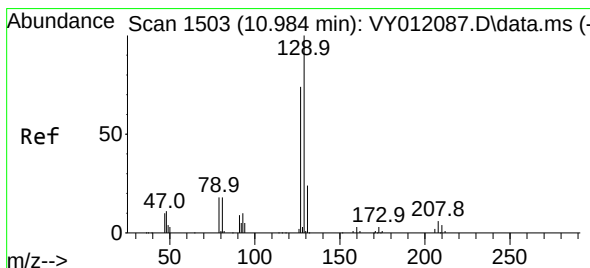
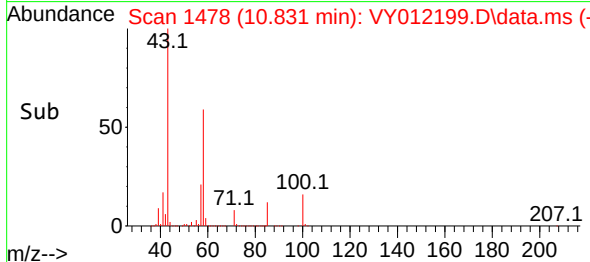
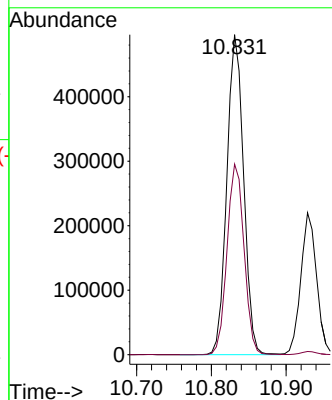
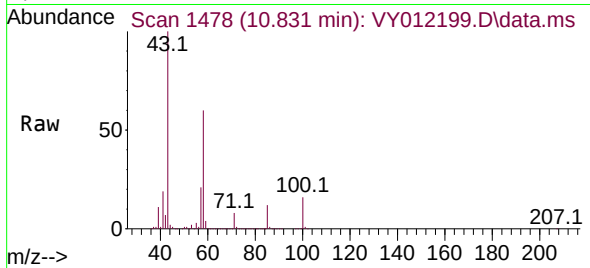




#59
2-Hexanone
Concen: 814.389 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

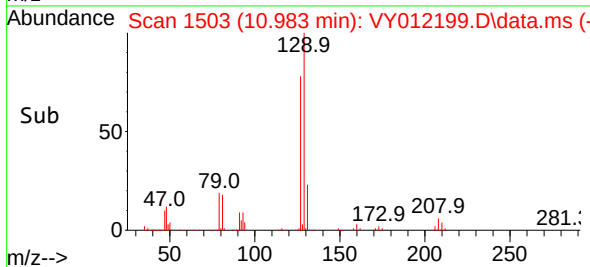
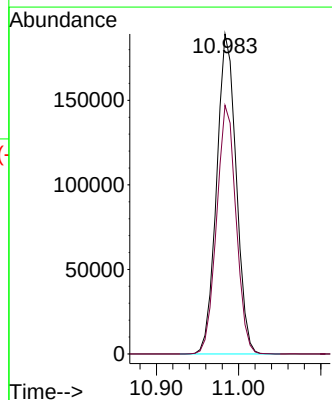
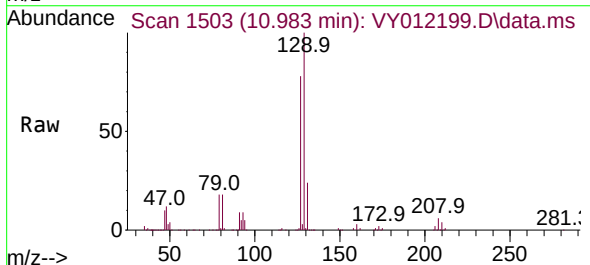
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

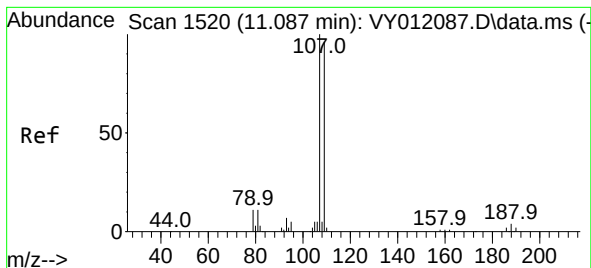
Tgt Ion: 43 Resp: 776109
Ion Ratio Lower Upper
43 100
58 60.3 28.4 85.2



#60
Dibromochloromethane
Concen: 143.965 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 129 Resp: 313051
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6

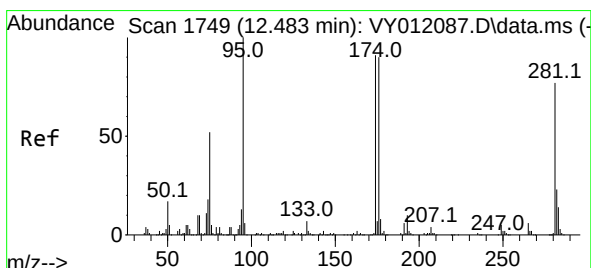
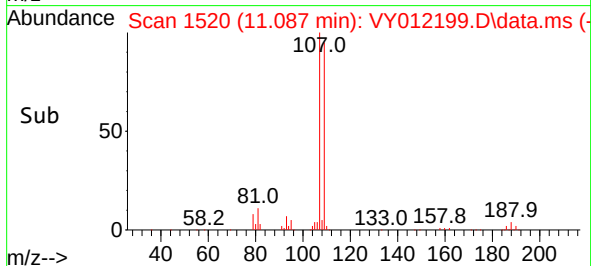
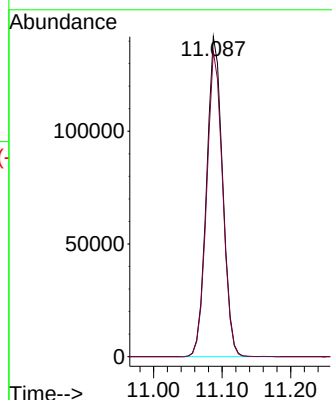
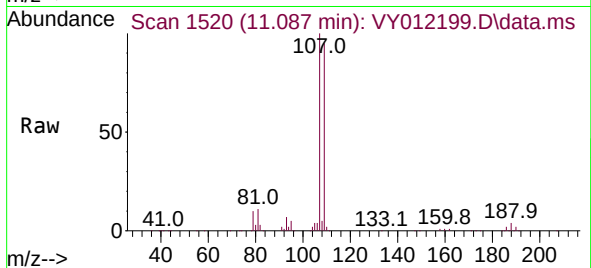




#61
1,2-Dibromoethane
Concen: 146.285 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

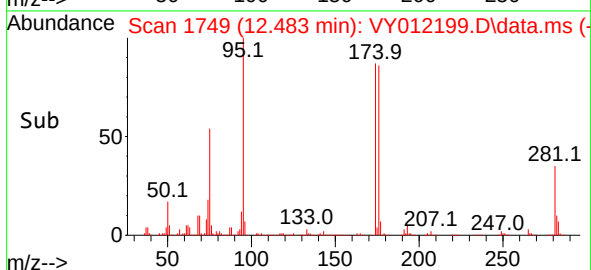
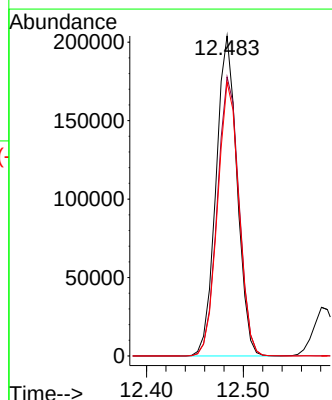
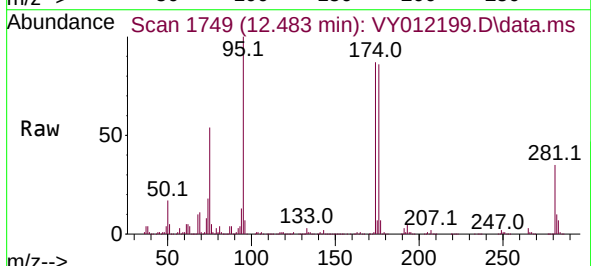
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

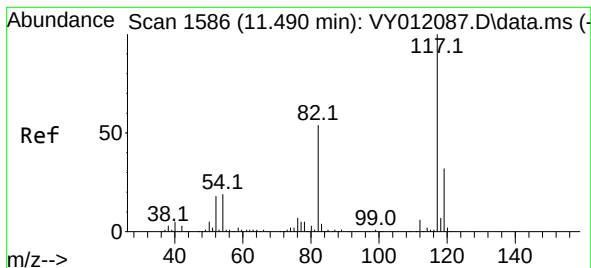
Tgt Ion:107 Resp: 231425
Ion Ratio Lower Upper
107 100
109 94.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 129.632 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 95 Resp: 307749
Ion Ratio Lower Upper
95 100
174 89.9 0.0 172.0
176 87.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

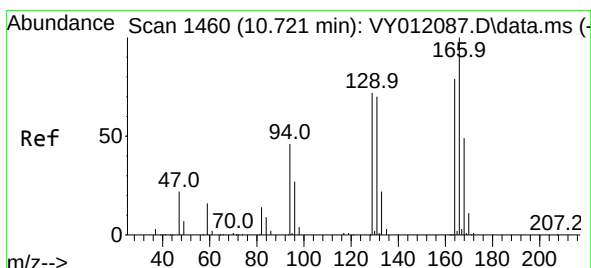
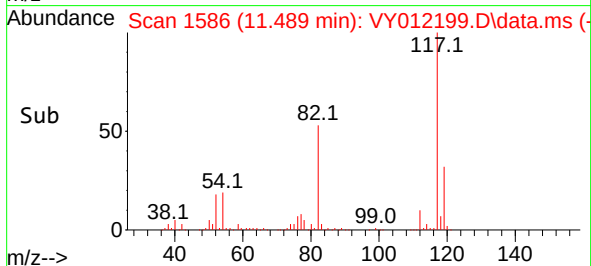
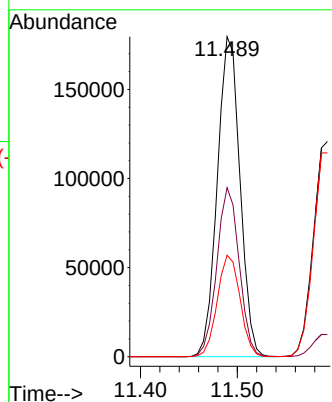
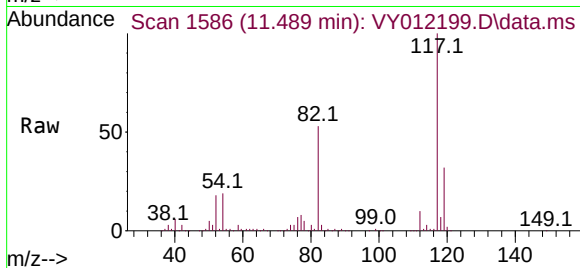
Tgt Ion:117 Resp: 292116

Ion Ratio Lower Upper

117 100

82 52.8 44.8 67.2

119 31.7 25.4 38.2



#64

Tetrachloroethene

Concen: 136.967 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Tgt Ion:164 Resp: 365089

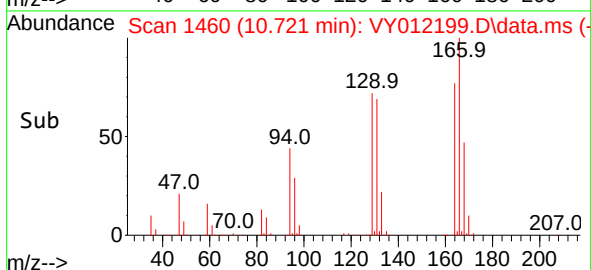
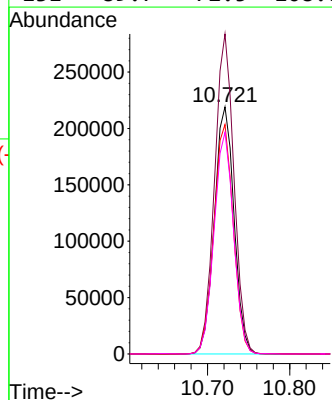
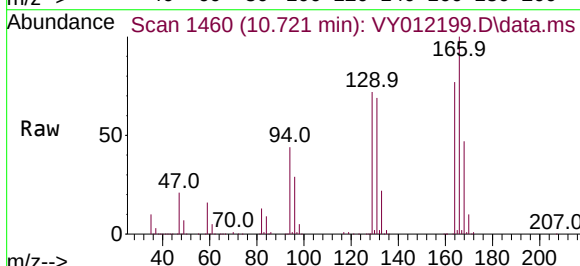
Ion Ratio Lower Upper

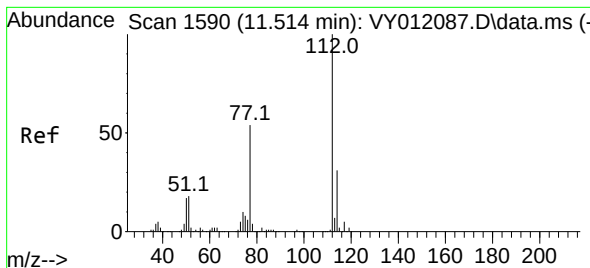
164 100

166 129.6 102.3 153.5

129 92.9 77.2 115.8

131 89.7 72.5 108.7





#65

Chlorobenzene

Concen: 140.902 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

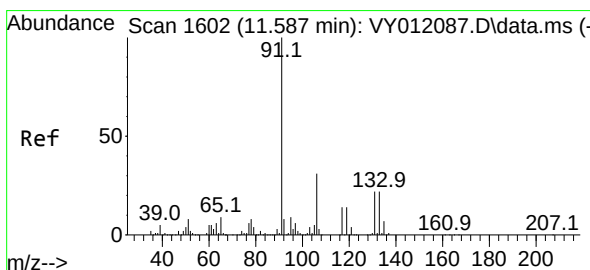
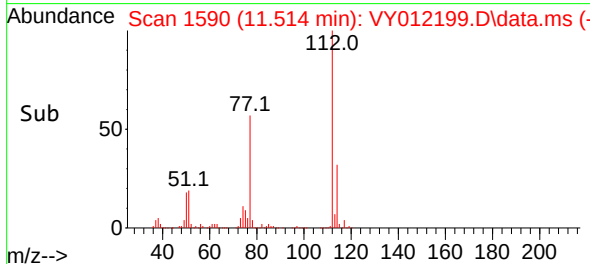
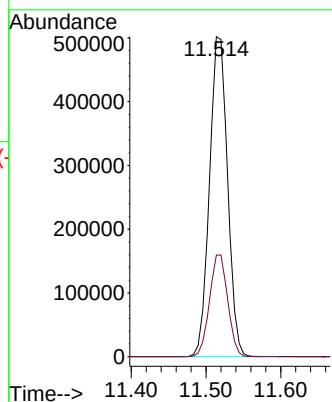
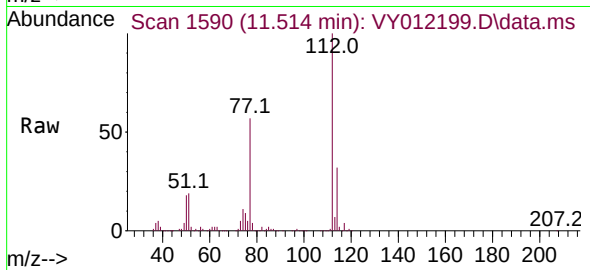
VSTDIC150

Tgt Ion:112 Resp: 842151

Ion Ratio Lower Upper

112 100

114 31.8 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 142.096 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

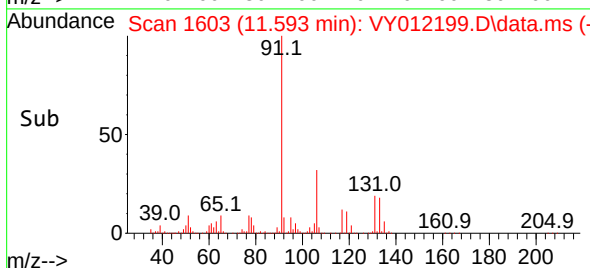
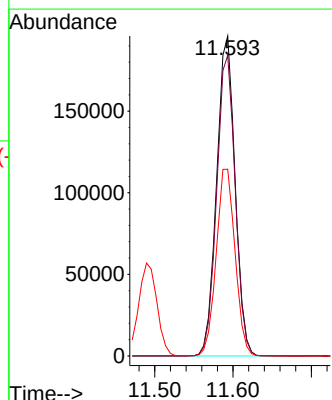
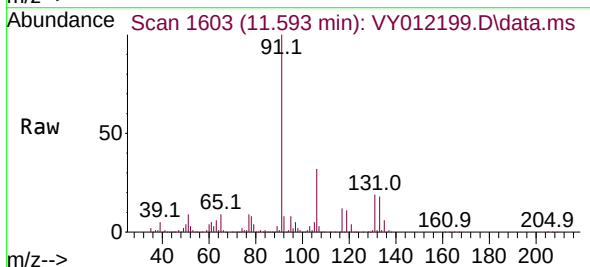
Tgt Ion:131 Resp: 320565

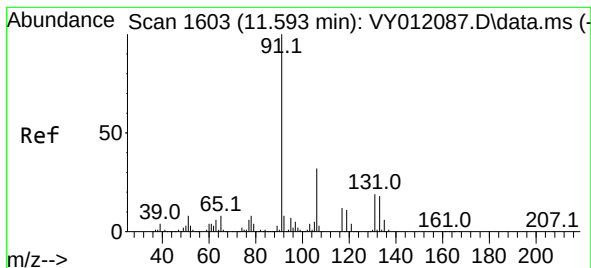
Ion Ratio Lower Upper

131 100

133 94.4 47.3 142.0

119 59.9 32.1 96.3





#67

Ethyl Benzene

Concen: 143.771 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

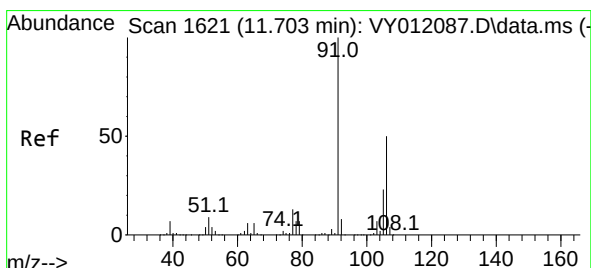
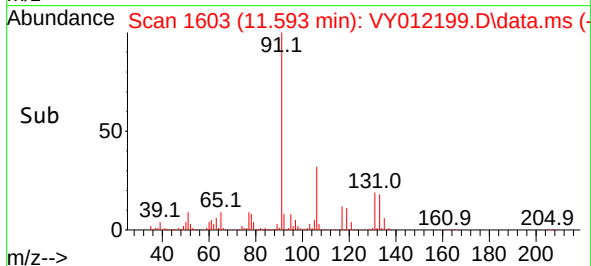
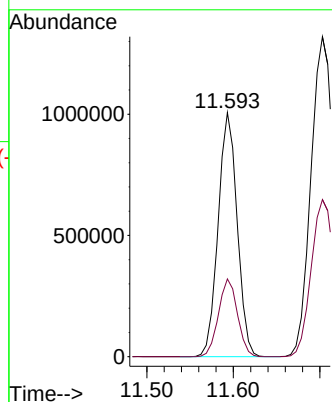
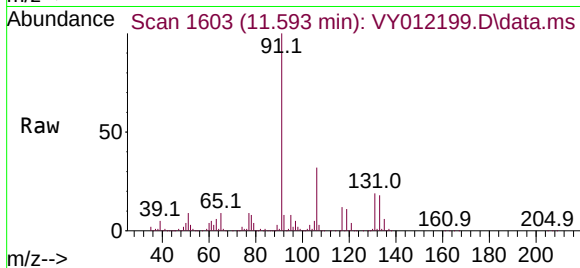
VSTDIC150

Tgt Ion: 91 Resp: 1535729

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 285.011 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012199.D

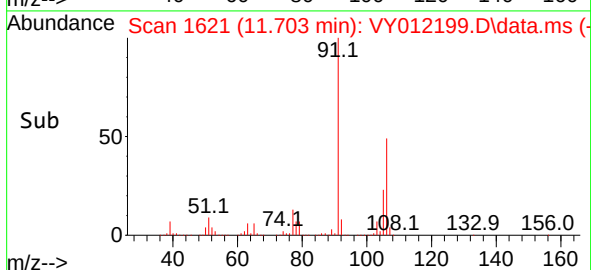
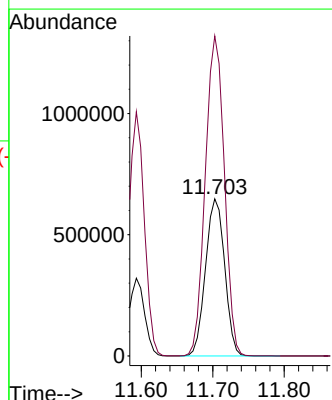
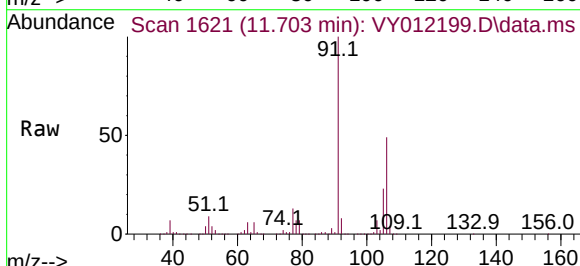
Acq: 16 Jan 2023 14:34

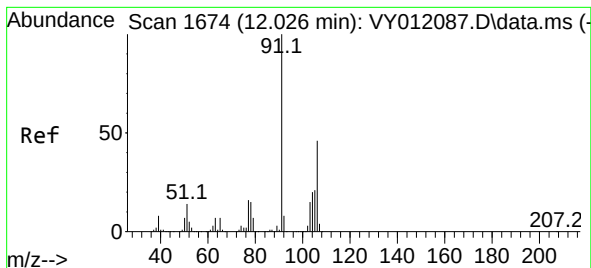
Tgt Ion:106 Resp: 1203720

Ion Ratio Lower Upper

106 100

91 203.0 162.5 243.7





#69

o-Xylene

Concen: 142.159 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

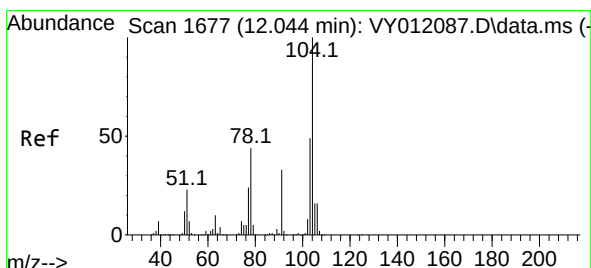
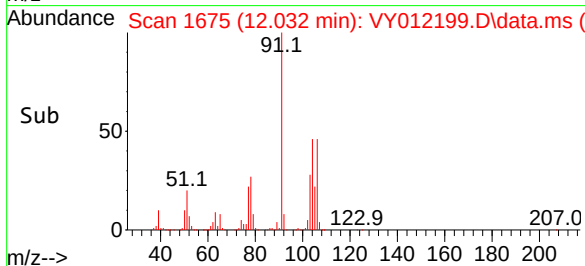
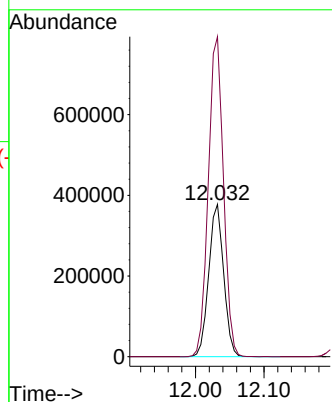
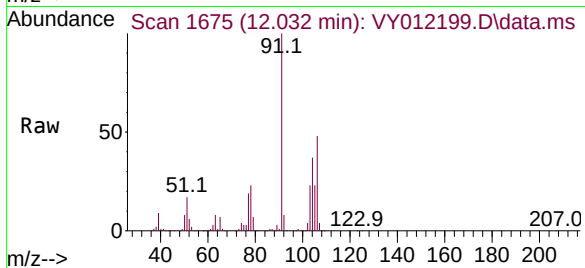
VSTDIC150

Tgt Ion:106 Resp: 573468

Ion Ratio Lower Upper

106 100

91 213.1 107.5 322.4



#70

Styrene

Concen: 143.849 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

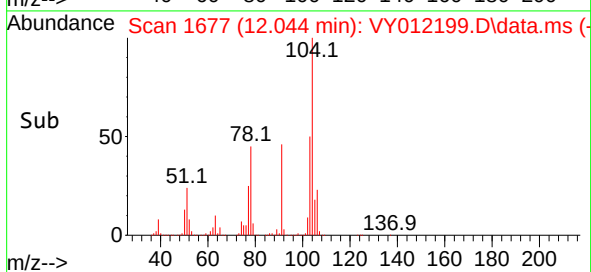
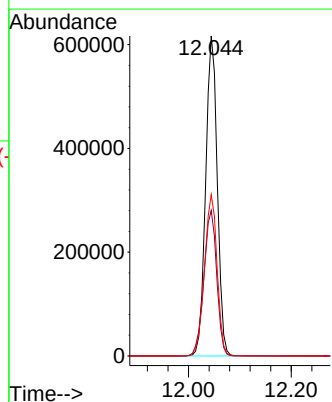
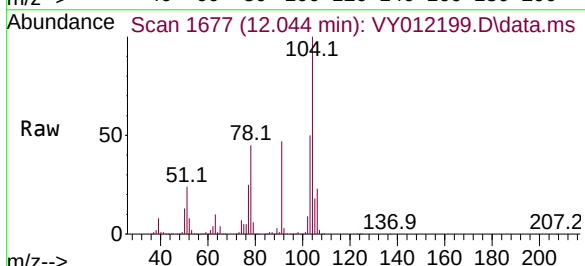
Tgt Ion:104 Resp: 969563

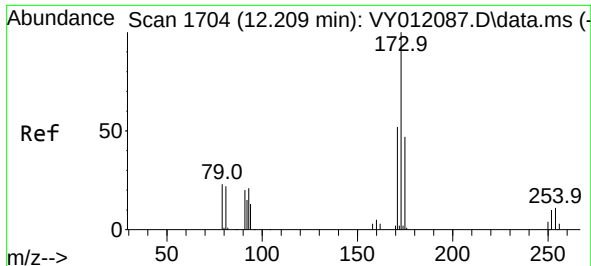
Ion Ratio Lower Upper

104 100

78 50.1 39.4 59.0

103 54.6 43.0 64.4

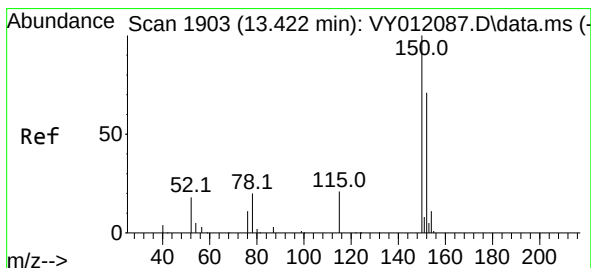
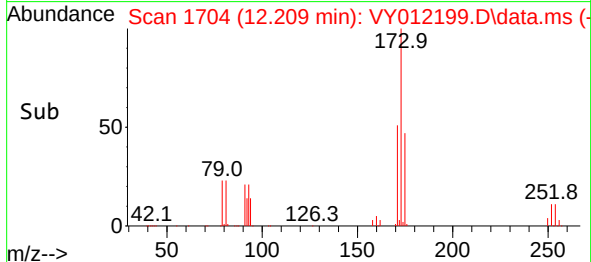
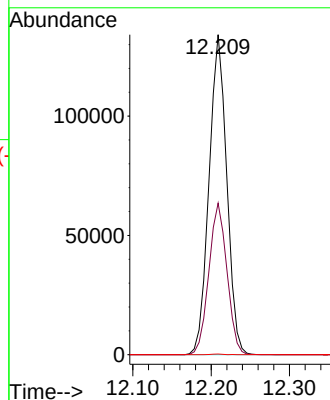
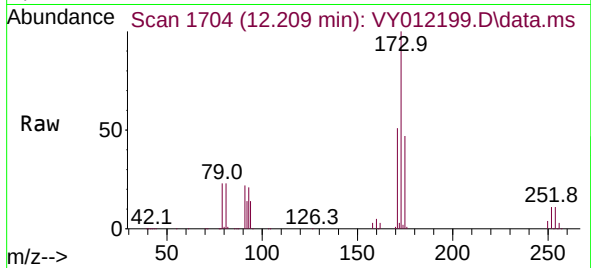




#71
Bromoform
Concen: 146.009 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

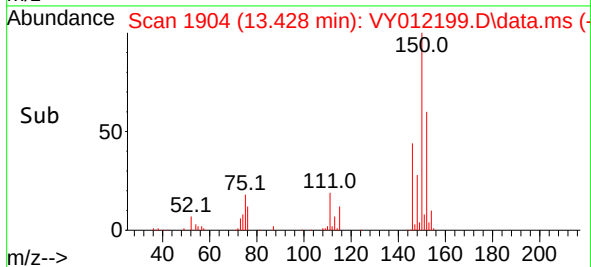
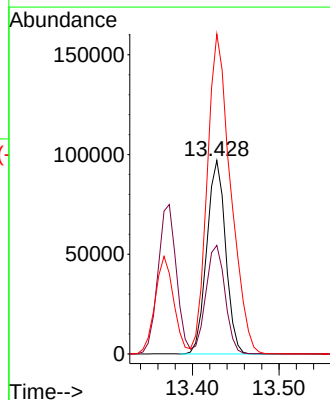
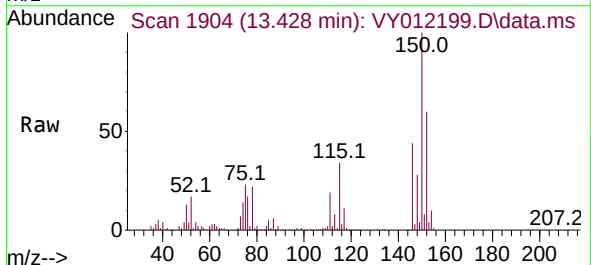
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

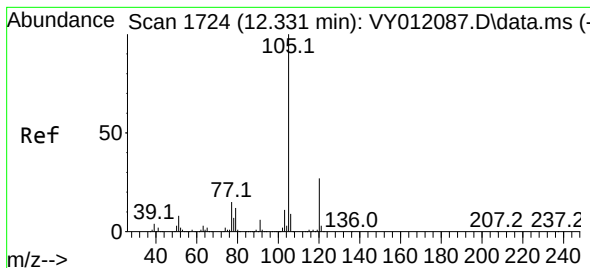
Tgt Ion:173 Resp: 210448
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.5
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion:152 Resp: 146569
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 205.5 0.0 342.6





#73

Isopropylbenzene

Concen: 144.318 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

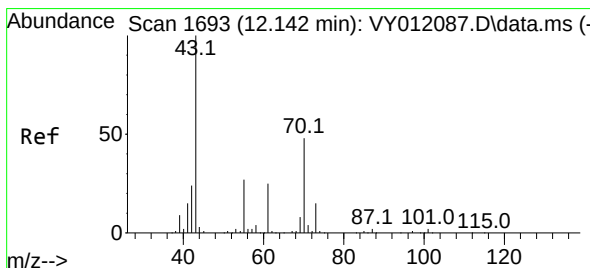
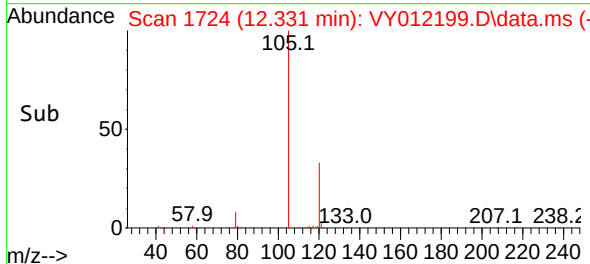
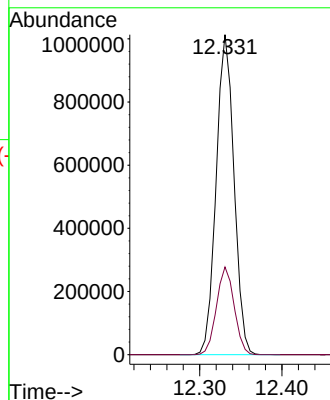
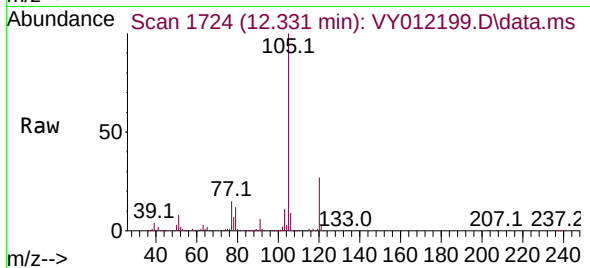
VSTDIC150

Tgt Ion:105 Resp: 1525295

Ion Ratio Lower Upper

105 100

120 27.2 13.2 39.6



#74

N-ethyl acetate

Concen: 162.845 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Tgt Ion: 43 Resp: 337381

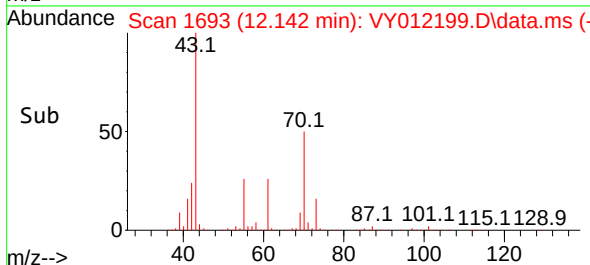
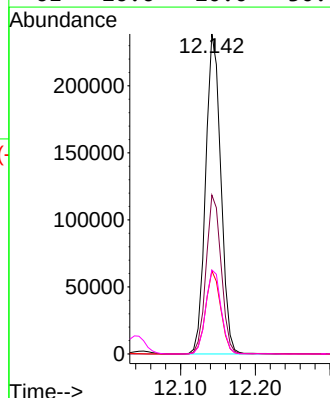
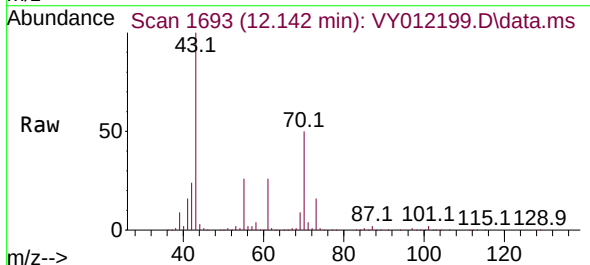
Ion Ratio Lower Upper

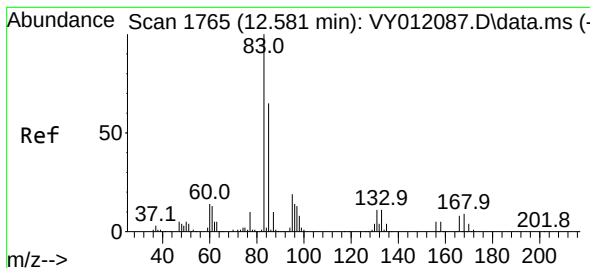
43 100

70 49.3 35.8 53.8

55 25.7 21.0 31.4

61 26.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 151.128 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

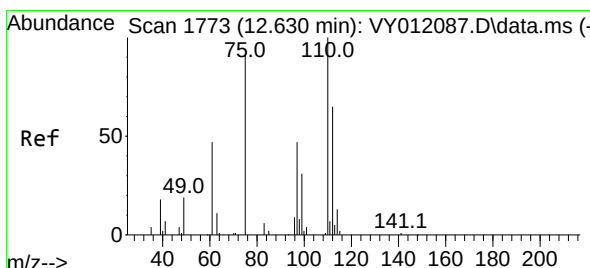
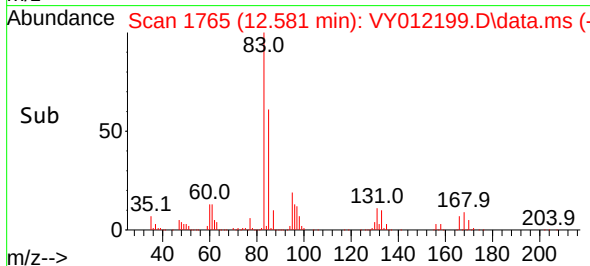
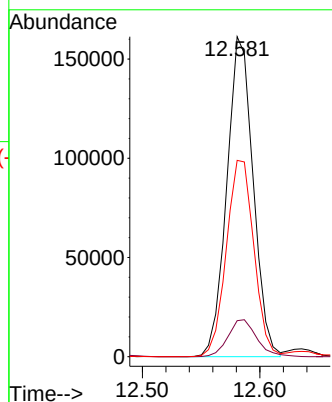
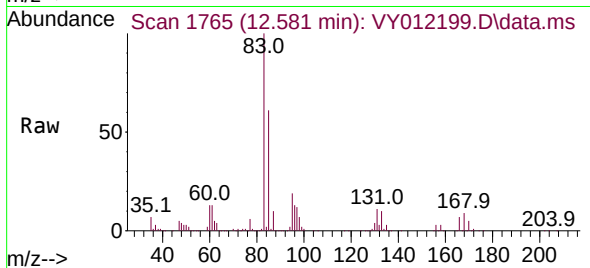
Tgt Ion: 83 Resp: 251588

Ion Ratio Lower Upper

83 100

131 12.6 5.6 16.8

85 64.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 276.928 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY012199.D

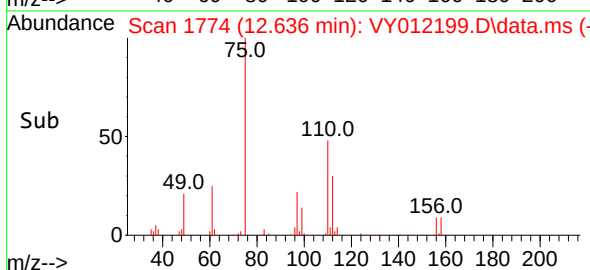
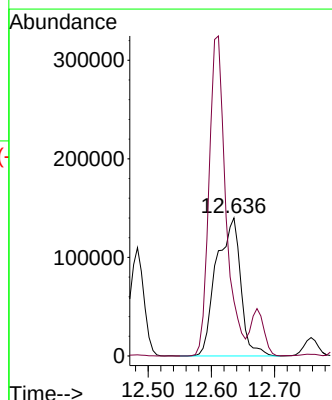
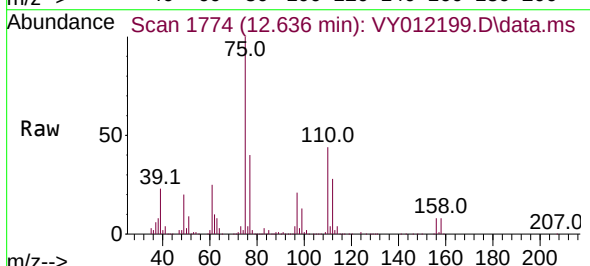
Acq: 16 Jan 2023 14:34

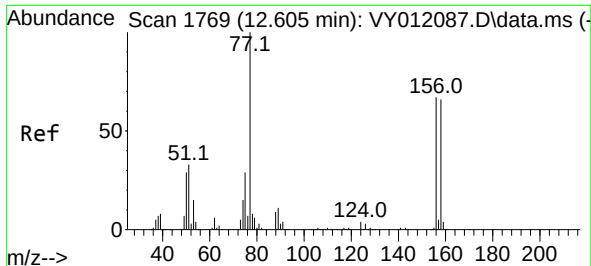
Tgt Ion: 75 Resp: 373231

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

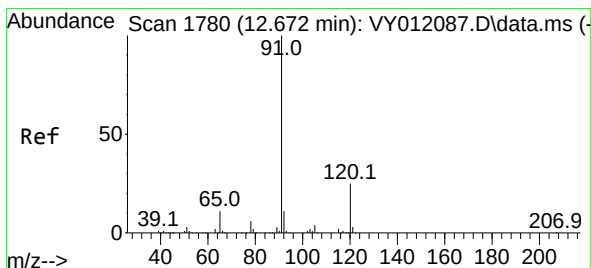
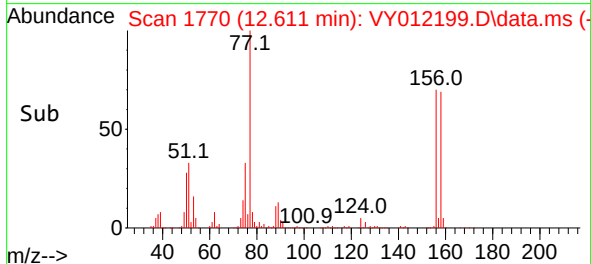
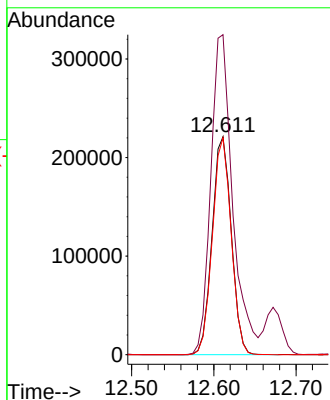
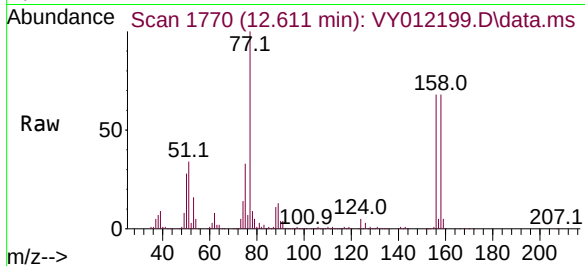




#77
Bromobenzene
Concen: 141.194 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

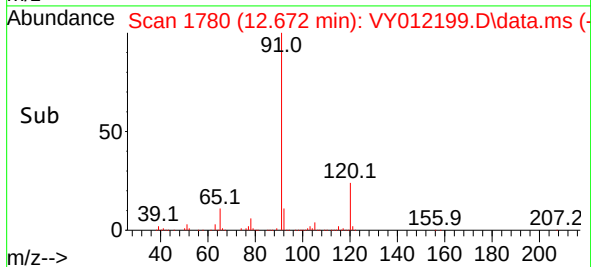
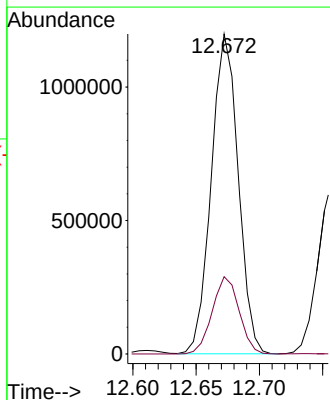
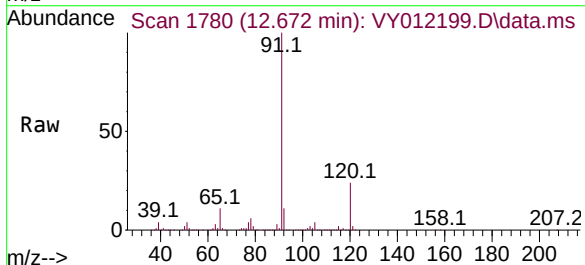
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

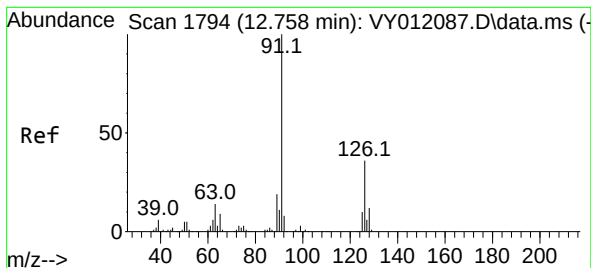
Tgt Ion:156 Resp: 359084
Ion Ratio Lower Upper
156 100
77 167.4 90.0 270.0
158 97.4 48.4 145.2



#78
n-propylbenzene
Concen: 143.436 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 91 Resp: 1773957
Ion Ratio Lower Upper
91 100
120 24.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 143.410 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

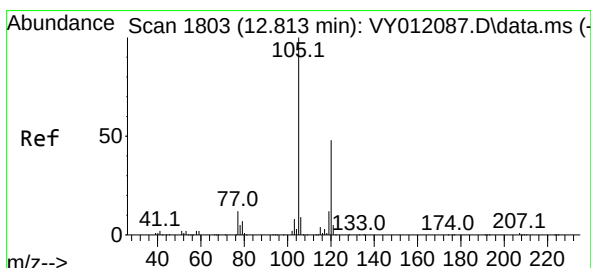
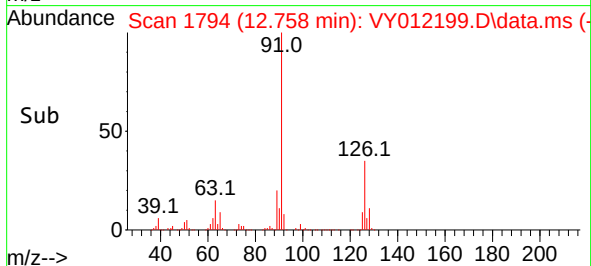
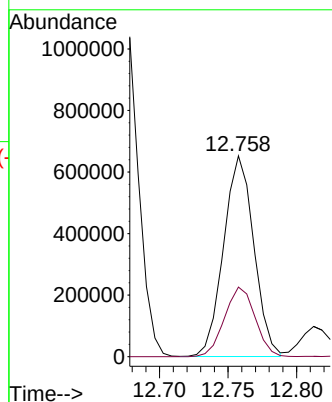
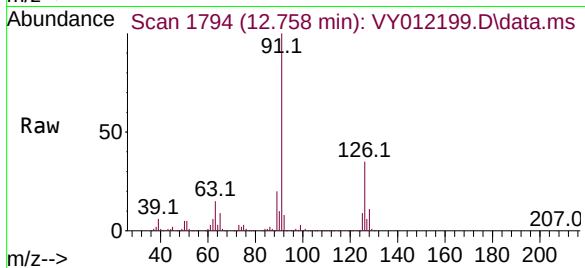
VSTDIC150

Tgt Ion: 91 Resp: 1002816

Ion Ratio Lower Upper

91 100

126 35.1 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 140.579 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY012199.D

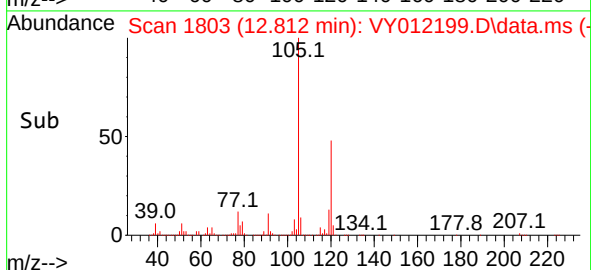
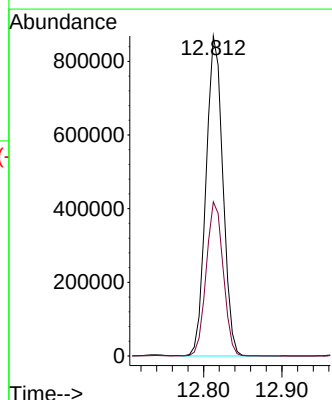
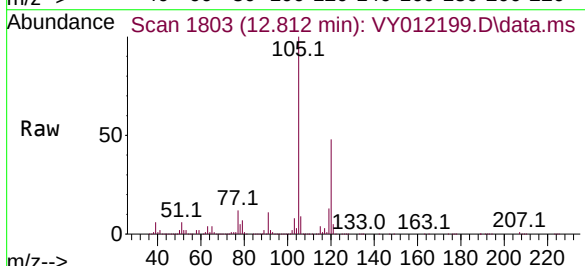
Acq: 16 Jan 2023 14:34

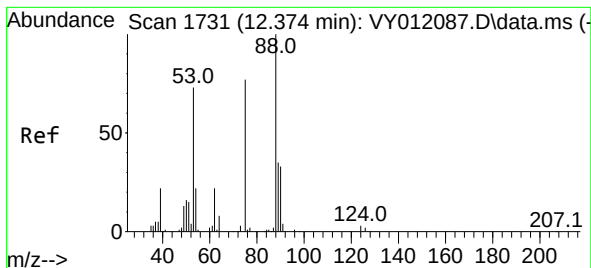
Tgt Ion:105 Resp: 1291608

Ion Ratio Lower Upper

105 100

120 48.7 24.2 72.6

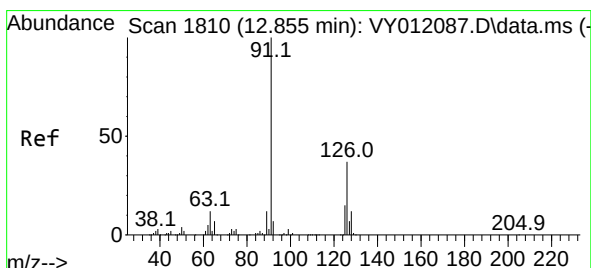
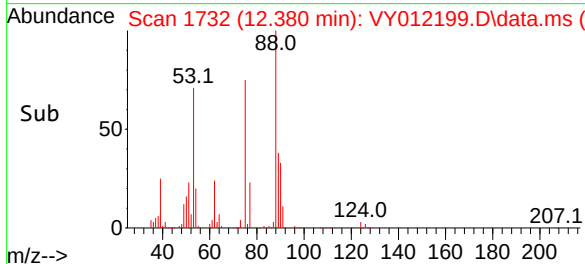
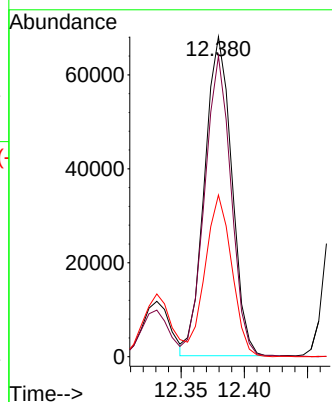
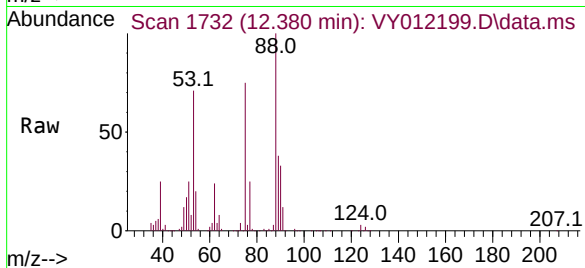




#81
trans-1,4-Dichloro-2-butene
Concen: 155.307 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

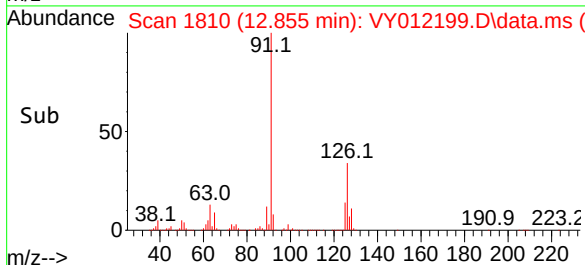
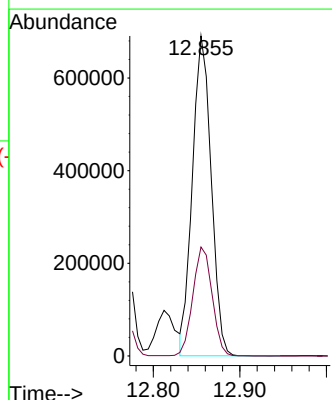
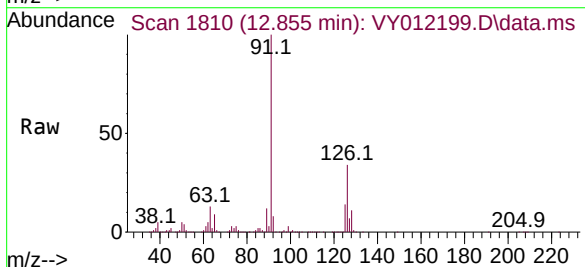
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

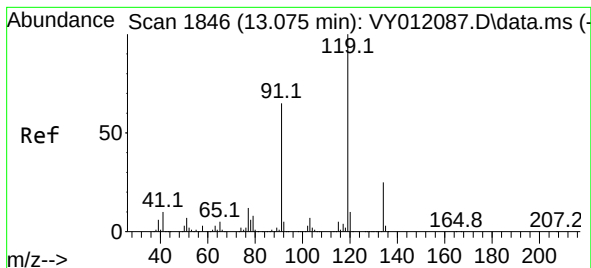
Tgt Ion: 75 Resp: 101588
Ion Ratio Lower Upper
75 100
53 91.9 72.5 108.7
89 49.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 141.485 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion: 91 Resp: 1039235
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 142.690 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

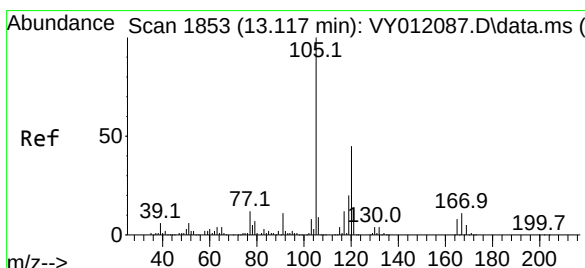
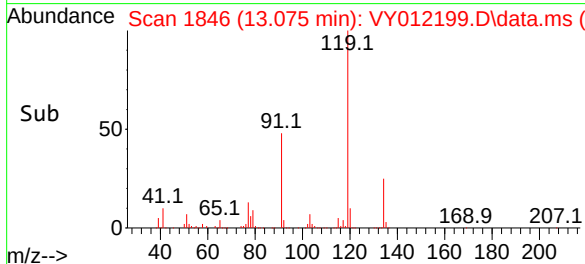
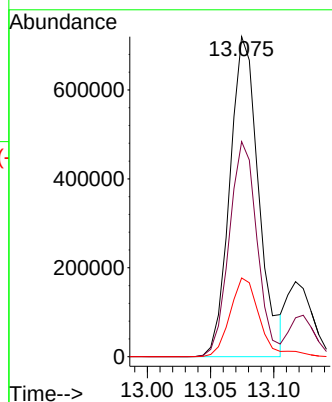
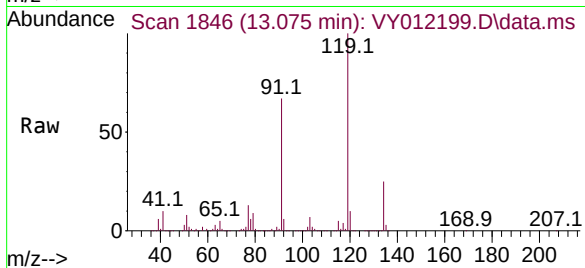
Tgt Ion:119 Resp: 1142627

Ion Ratio Lower Upper

119 100

91 65.0 32.3 96.8

134 25.4 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 141.742 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012199.D

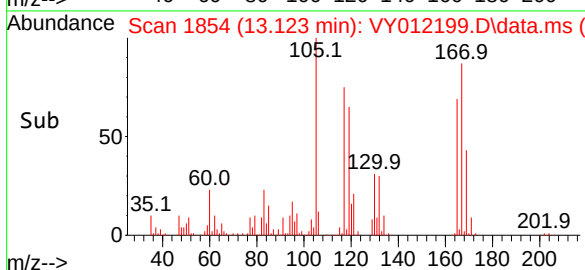
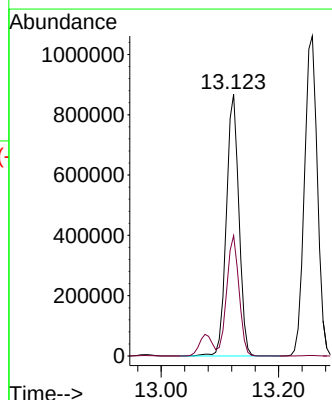
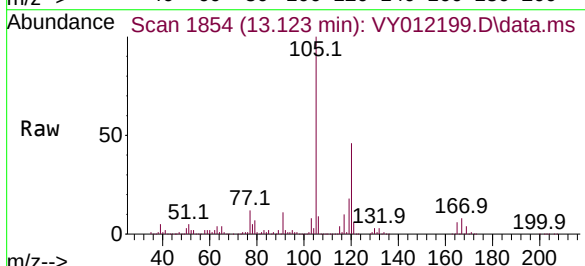
Acq: 16 Jan 2023 14:34

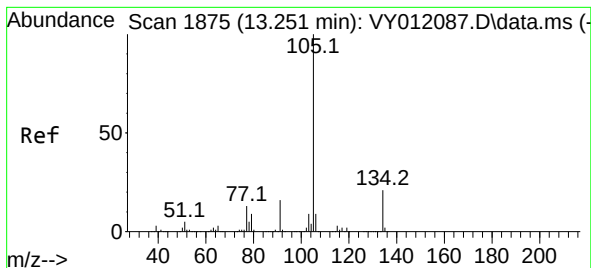
Tgt Ion:105 Resp: 1284295

Ion Ratio Lower Upper

105 100

120 45.1 22.9 68.7





#85

sec-Butylbenzene

Concen: 141.635 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

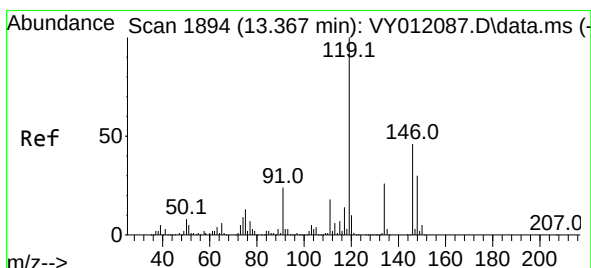
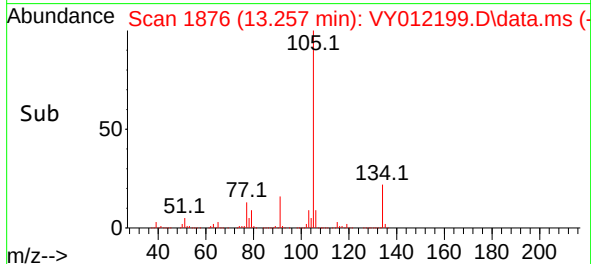
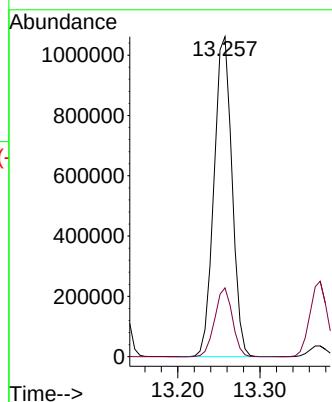
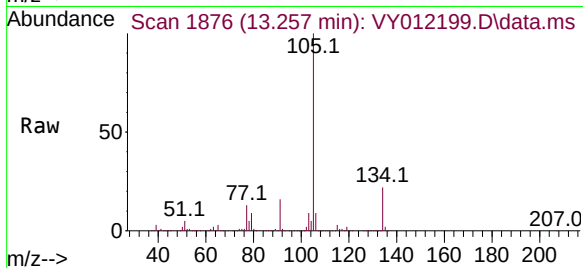
VSTDIC150

Tgt Ion:105 Resp: 1614796

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 140.724 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

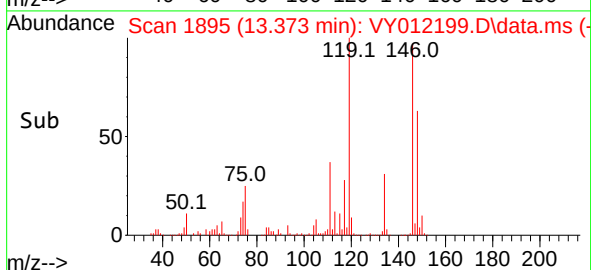
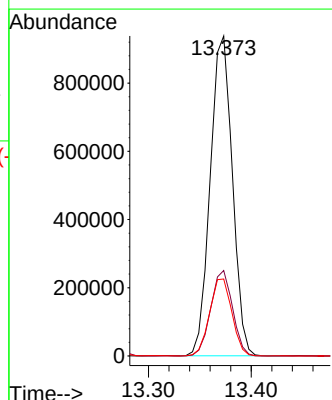
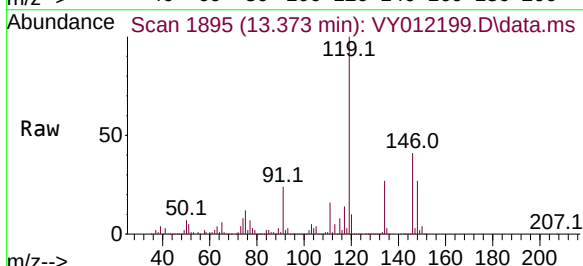
Tgt Ion:119 Resp: 1401783

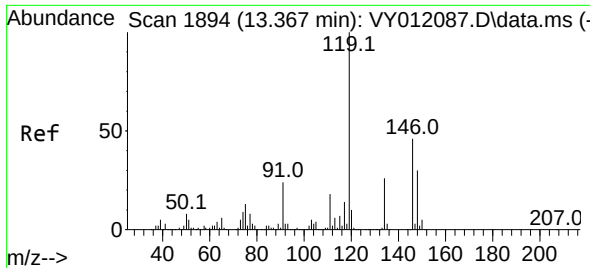
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 24.2 11.9 35.9

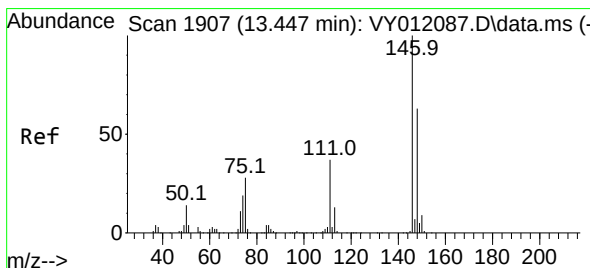
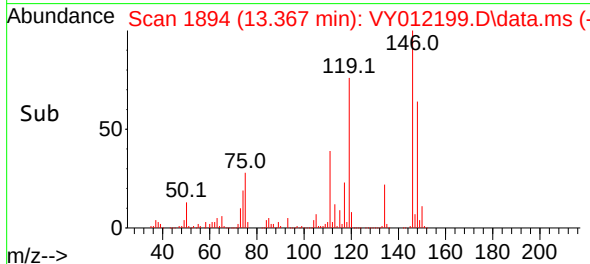
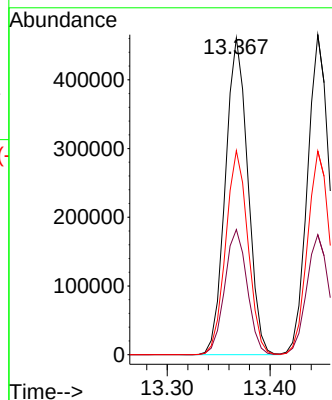
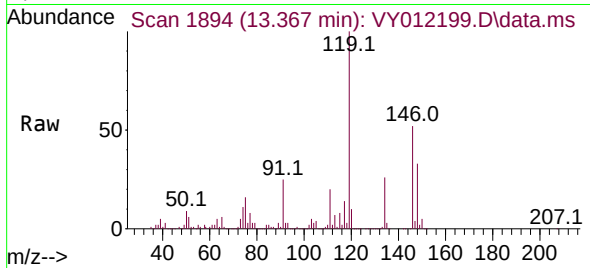




#87
1,3-Dichlorobenzene
Concen: 138.314 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

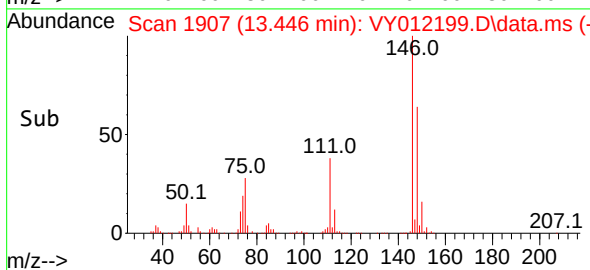
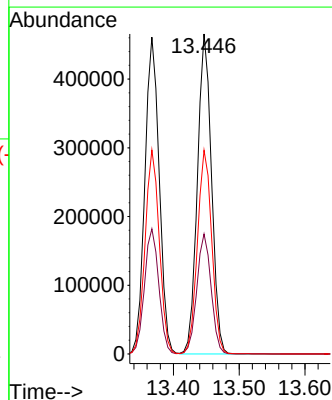
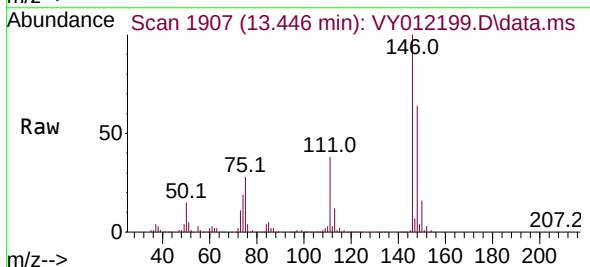
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

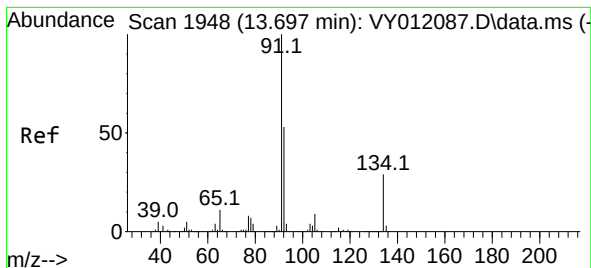
Tgt Ion:146 Resp: 699605
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 63.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 137.443 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion:146 Resp: 693311
Ion Ratio Lower Upper
146 100
111 37.8 19.6 58.7
148 64.5 31.9 95.7





#89

n-Butylbenzene

Concen: 143.275 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

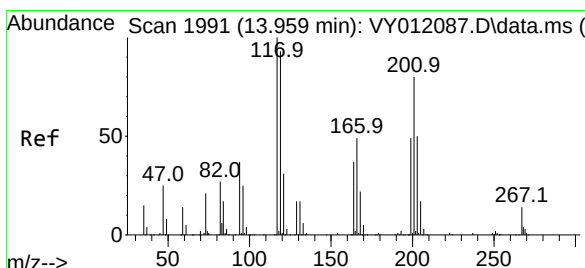
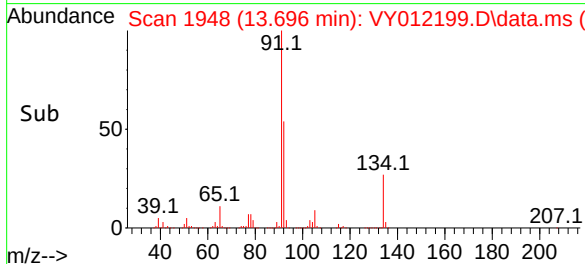
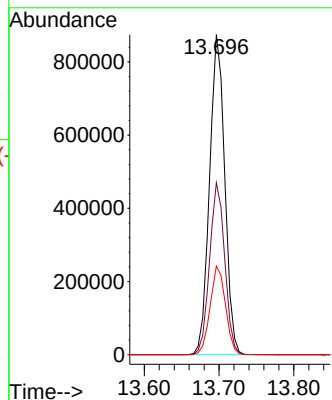
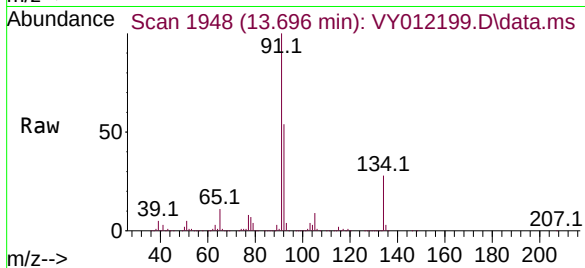
Tgt Ion: 91 Resp: 1236807

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.4

134 28.0 13.3 39.8



#90

Hexachloroethane

Concen: 139.077 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012199.D

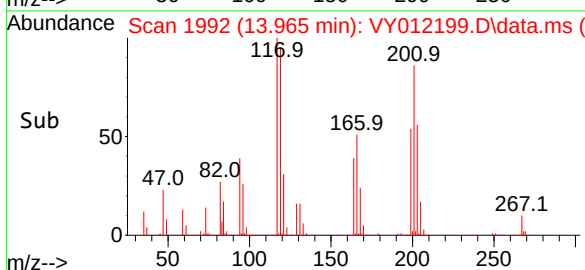
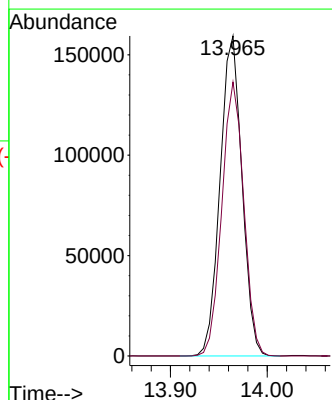
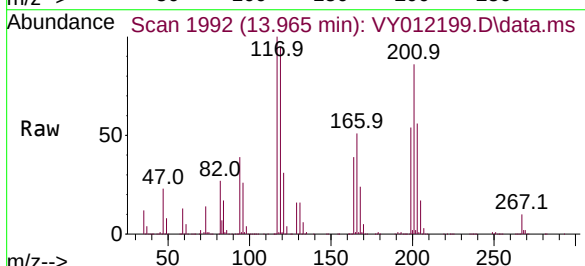
Acq: 16 Jan 2023 14:34

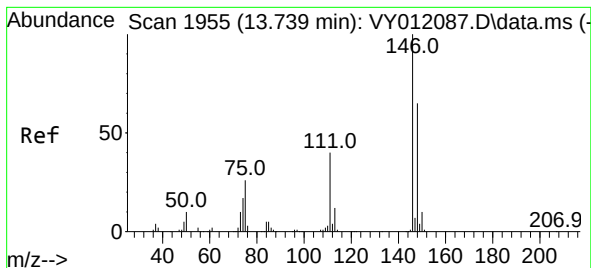
Tgt Ion: 117 Resp: 250097

Ion Ratio Lower Upper

117 100

201 85.6 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 138.542 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

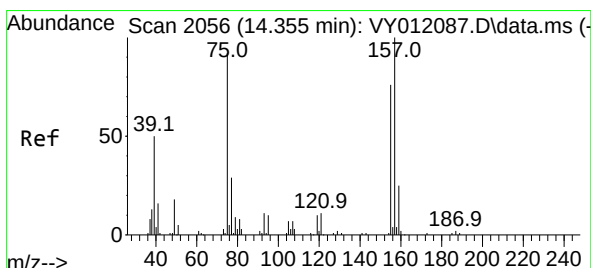
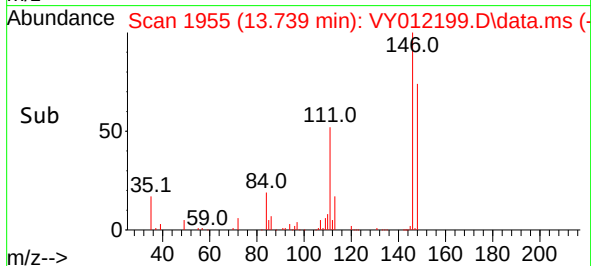
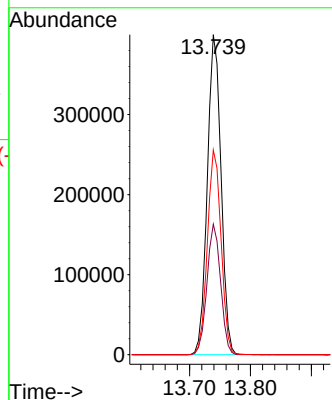
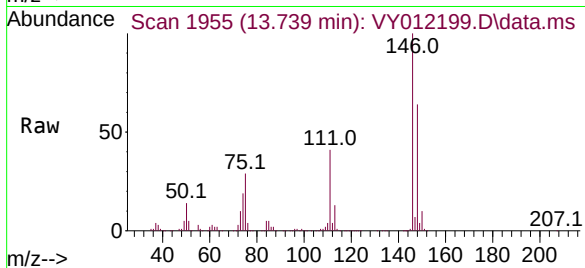
Tgt Ion:146 Resp: 625273

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 154.996 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

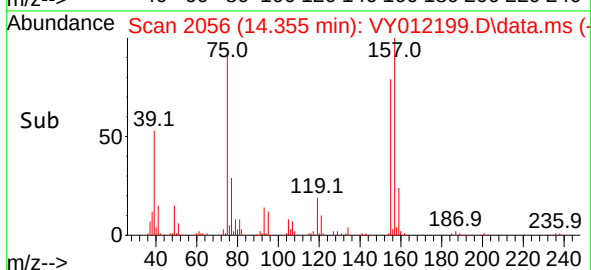
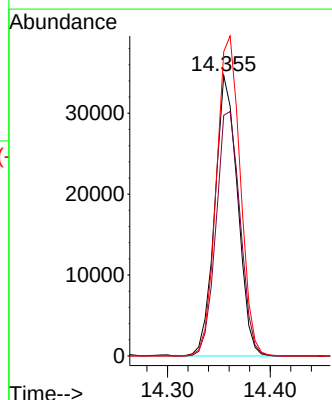
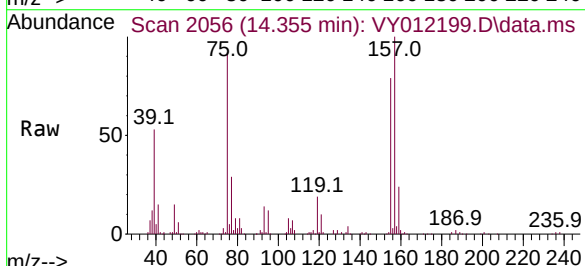
Tgt Ion: 75 Resp: 53324

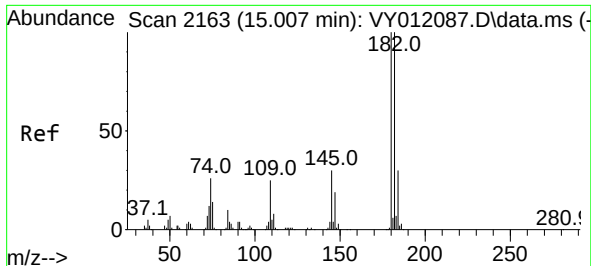
Ion Ratio Lower Upper

75 100

155 91.9 42.3 126.8

157 119.1 54.4 163.3

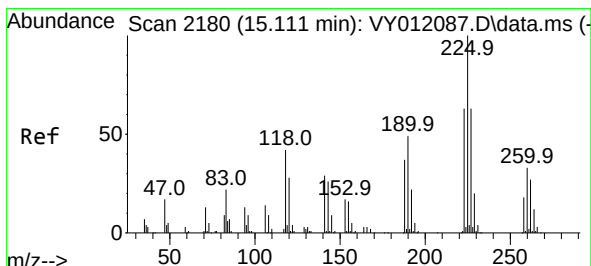
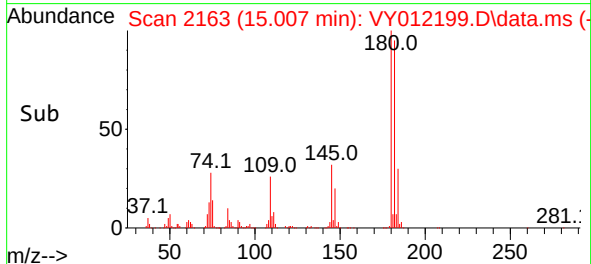
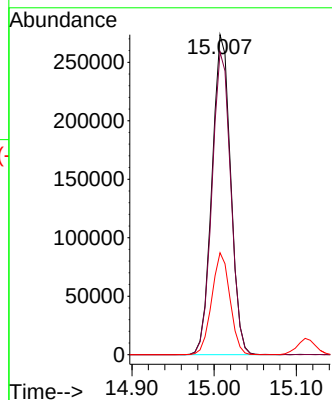
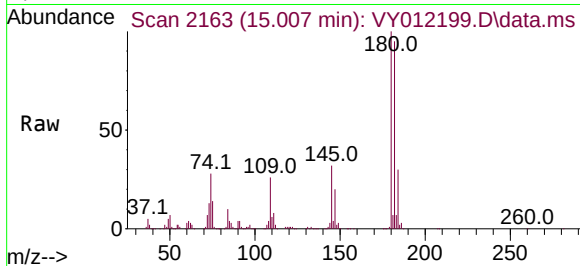




#93
1,2,4-Trichlorobenzene
Concen: 149.024 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

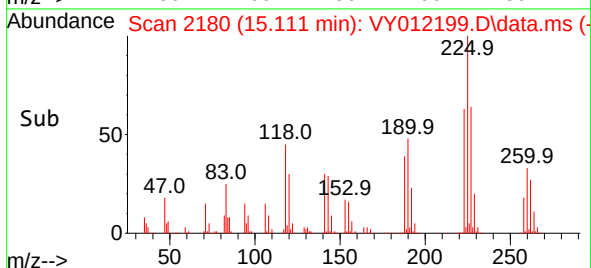
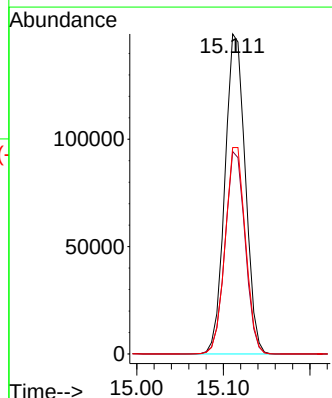
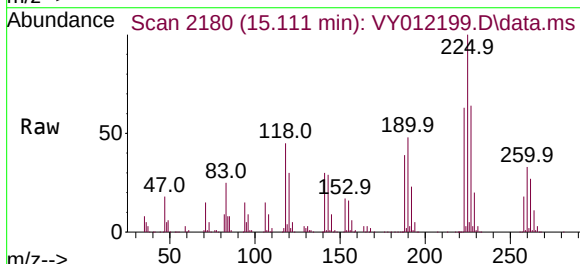
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

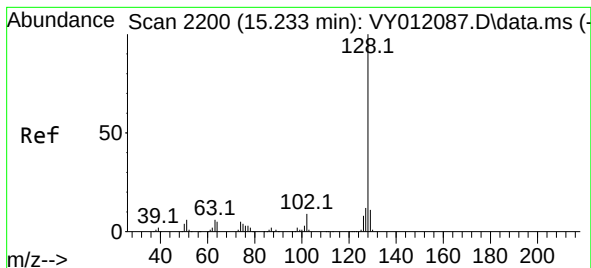
Tgt Ion:180 Resp: 430955
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 31.1 15.4 46.4



#94
Hexachlorobutadiene
Concen: 139.921 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012199.D
Acq: 16 Jan 2023 14:34

Tgt Ion:225 Resp: 243621
Ion Ratio Lower Upper
225 100
223 62.3 31.4 94.2
227 64.3 32.6 97.8





#95

Naphthalene

Concen: 162.777 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

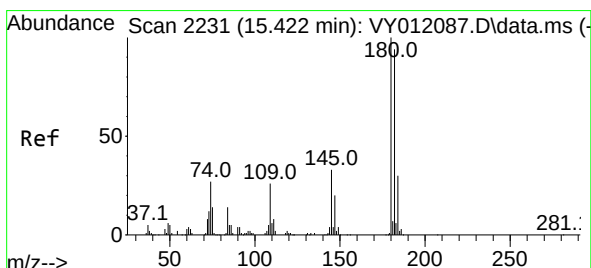
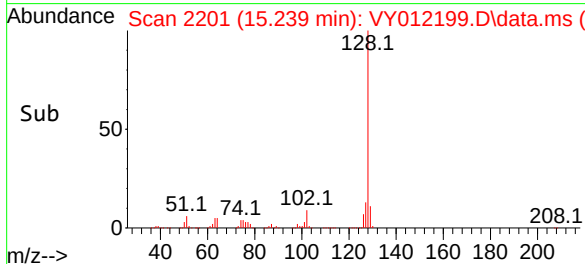
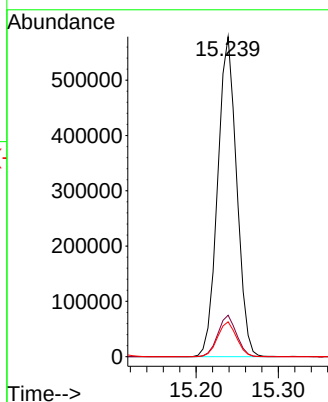
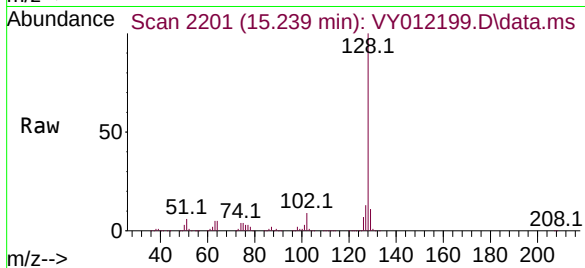
Tgt Ion:128 Resp: 929118

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 152.312 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012199.D

Acq: 16 Jan 2023 14:34

Tgt Ion:180 Resp: 379033

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 32.7 16.1 48.2

