

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012674.D
 Acq On : 21 Feb 2023 15:12
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 22 01:04:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	165895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80982	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7458	5.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.680%#
35) Dibromofluoromethane	7.716	113	6490	5.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.160%#
50) Toluene-d8	10.179	98	24514	5.120	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.240%#
62) 4-Bromofluorobenzene	12.483	95	7854	5.126	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.260%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	6759	5.559	ug/l	92
3) Chloromethane	2.113	50	10095	3.530	ug/l	99
4) Vinyl Chloride	2.253	62	7272	5.413	ug/l	94
5) Bromomethane	2.656	94	3865	5.253	ug/l	81
6) Chloroethane	2.790	64	4930	5.765	ug/l #	77
7) Trichlorofluoromethane	3.131	101	11900	5.495	ug/l	97
8) Diethyl Ether	3.534	74	3812	4.917	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	7103	5.489	ug/l	99
10) Methyl Iodide	4.094	142	8760	5.170	ug/l	98
11) Tert butyl alcohol	4.942	59	4928	32.255	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	6640	5.315	ug/l	87
13) Acrolein	3.729	56	4002	20.731	ug/l	94
14) Allyl chloride	4.485	41	12668	5.225	ug/l	99
15) Acrylonitrile	5.161	53	9823	23.815	ug/l	98
16) Acetone	3.948	43	11227	24.634	ug/l	100
17) Carbon Disulfide	4.198	76	22989	5.468	ug/l	99
18) Methyl Acetate	4.472	43	7162	4.878	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	15940	4.743	ug/l	96
20) Methylene Chloride	4.710	84	13019	3.590	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	7198	5.297	ug/l	93
22) Diisopropyl ether	6.125	45	22844	5.049	ug/l	98
23) Vinyl Acetate	6.058	43	65458	23.359	ug/l	99
24) 1,1-Dichloroethane	6.015	63	13490	5.377	ug/l	97
25) 2-Butanone	6.984	43	14129	23.358	ug/l	96
26) 2,2-Dichloropropane	6.978	77	11900	5.437	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	7777	5.230	ug/l	98
28) Bromochloromethane	7.326	49	4597	4.576	ug/l #	97
29) Tetrahydrofuran	7.350	42	8085	21.893	ug/l	96
30) Chloroform	7.508	83	12977	5.338	ug/l	93
31) Cyclohexane	7.789	56	14676	6.048	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	11894	5.405	ug/l	97
36) 1,1-Dichloropropene	7.923	75	10682	5.273	ug/l	98
37) Ethyl Acetate	7.070	43	6667	4.878	ug/l	98
38) Carbon Tetrachloride	7.893	117	11378	5.432	ug/l	94
39) Methylcyclohexane	9.185	83	12062	5.162	ug/l	98
40) Benzene	8.161	78	29432	5.205	ug/l	96

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Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 22 01:04:26 2023
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	7928	11.907	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	8591	4.900	ug/l	100
43) Isopropyl Acetate	8.271	43	10382	4.396	ug/l #	91
44) Trichloroethene	8.941	130	7631	5.220	ug/l	97
45) 1,2-Dichloropropane	9.216	63	7364	5.063	ug/l	97
46) Dibromomethane	9.307	93	3907	4.866	ug/l	98
47) Bromodichloromethane	9.496	83	9652	4.994	ug/l	97
48) Methyl methacrylate	9.295	41	5044	4.576	ug/l	95
49) 1,4-Dioxane	9.307	88	720	127.477	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	27441	21.538	ug/l	99
52) Toluene	10.246	92	16842	5.027	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	9687	4.796	ug/l	91
54) cis-1,3-Dichloropropene	9.935	75	11300	4.944	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	5572	5.110	ug/l #	89
56) Ethyl methacrylate	10.508	69	6213	4.172	ug/l	98
57) 1,3-Dichloropropane	10.788	76	9661	5.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	12939	11.875	ug/l	98
59) 2-Hexanone	10.831	43	18716	20.722	ug/l	94
60) Dibromochloromethane	10.983	129	6531	4.943	ug/l	99
61) 1,2-Dibromoethane	11.087	107	4996	4.782	ug/l	95
64) Tetrachloroethene	10.721	164	6441	5.338	ug/l	88
65) Chlorobenzene	11.514	112	18913	5.316	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.593	131	6655	5.048	ug/l	98
67) Ethyl Benzene	11.593	91	32269	5.075	ug/l	99
68) m/p-Xylenes	11.703	106	24556	10.123	ug/l	100
69) o-Xylene	12.032	106	11198	4.984	ug/l	96
70) Styrene	12.044	104	17847	4.739	ug/l	99
71) Bromoform	12.209	173	3958	4.705	ug/l #	91
73) Isopropylbenzene	12.331	105	29993	5.012	ug/l	99
74) N-amyl acetate	12.148	43	8663	4.404	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	6689	4.971	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	7972	8.167	ug/l #	100
77) Bromobenzene	12.611	156	7231	5.043	ug/l	99
78) n-propylbenzene	12.672	91	39049	5.217	ug/l	99
79) 2-Chlorotoluene	12.758	91	21711	5.221	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	26324	5.266	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	2125	4.459	ug/l	95
82) 4-Chlorotoluene	12.861	91	22452	5.206	ug/l	99
83) tert-Butylbenzene	13.075	119	21685	5.080	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	24501	5.014	ug/l	99
85) sec-Butylbenzene	13.257	105	34292	5.280	ug/l	100
86) p-Isopropyltoluene	13.373	119	26982	5.044	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	15321	5.455	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	16343	5.738	ug/l	97
89) n-Butylbenzene	13.696	91	26901	5.251	ug/l	97
90) Hexachloroethane	13.965	117	6105	5.624	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	13611	5.426	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1017	4.598	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	8535	5.380	ug/l	100
94) Hexachlorobutadiene	15.117	225	5626	5.876	ug/l	95
95) Naphthalene	15.239	128	14449	4.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	7380	5.256	ug/l	97

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

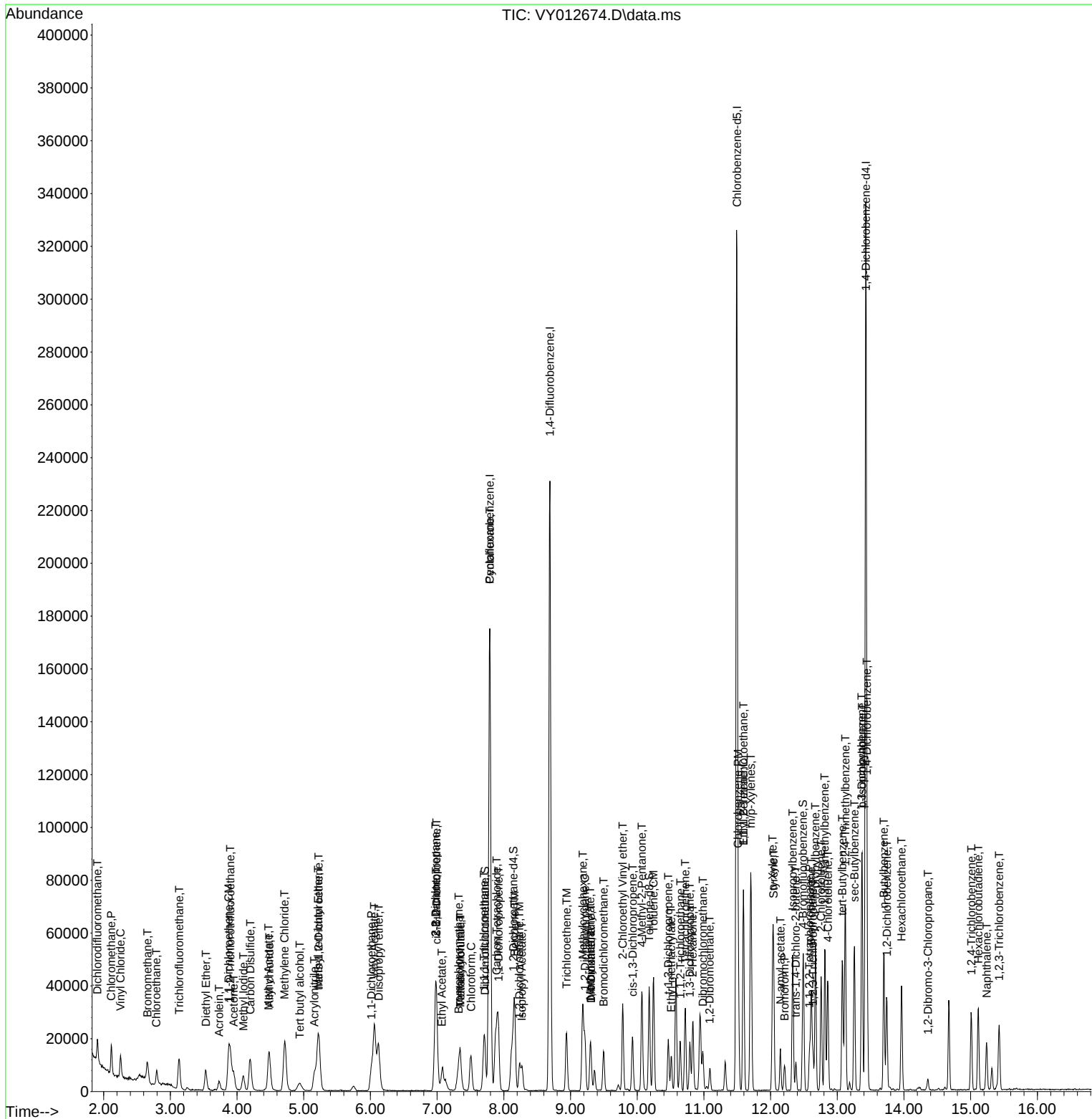
Quant Time: Feb 22 01:04:26 2023
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Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:01:34 2023
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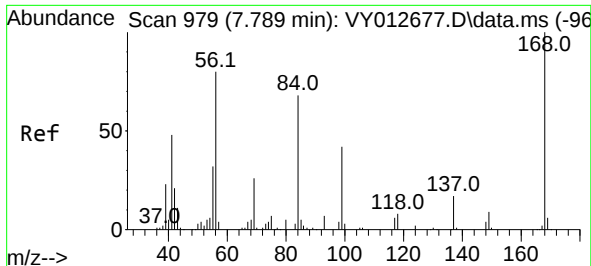
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

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Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:01:34 2023
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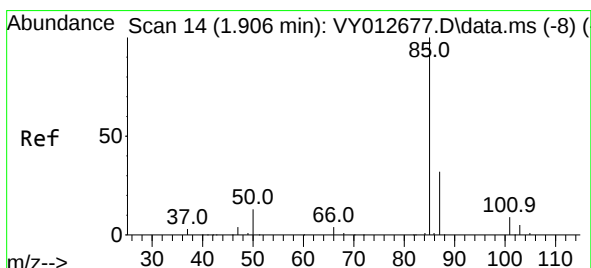
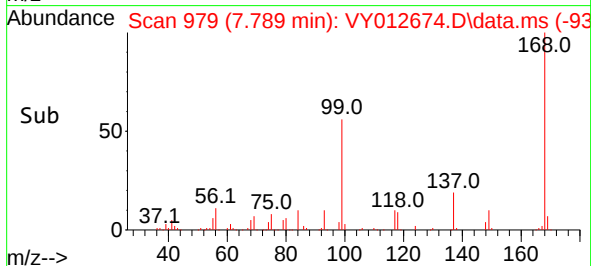
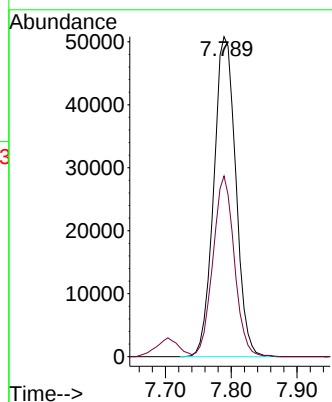
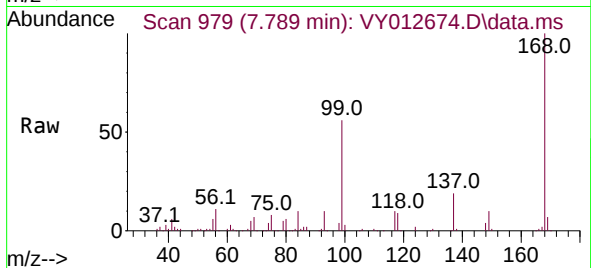




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012674.D
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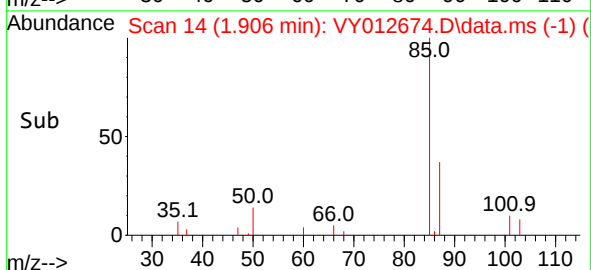
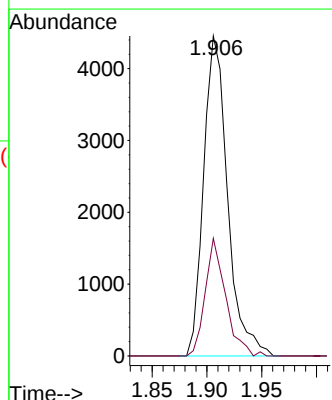
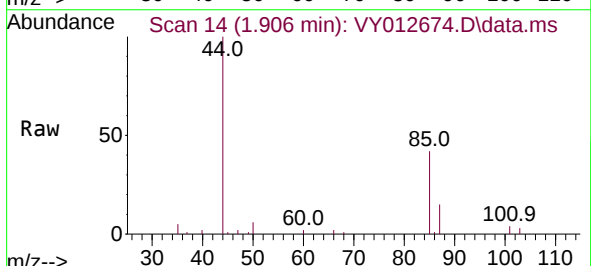
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

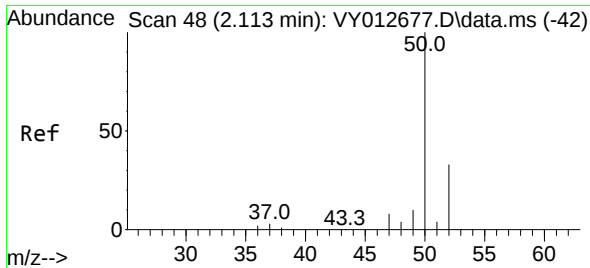
Tgt Ion:168 Resp: 118261
Ion Ratio Lower Upper
168 100
99 56.5 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 5.559 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 85 Resp: 6759
Ion Ratio Lower Upper
85 100
87 36.7 16.1 48.2

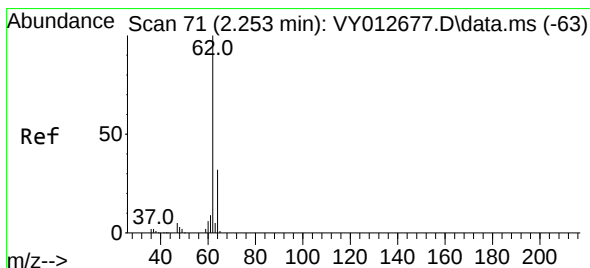
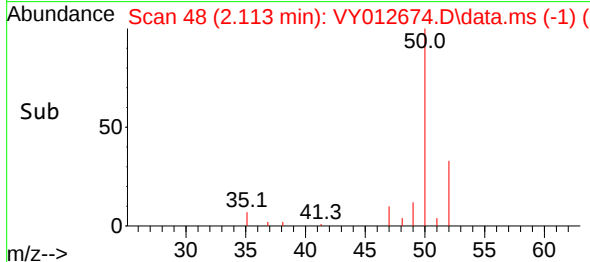
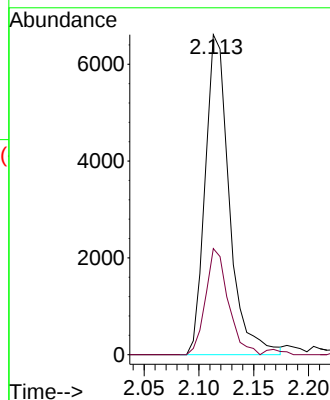
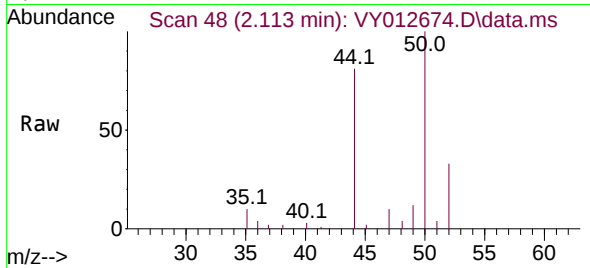




#3
Chloromethane
Concen: 3.530 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

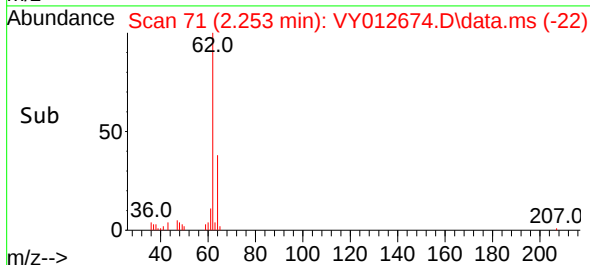
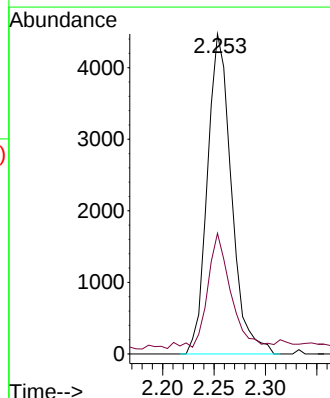
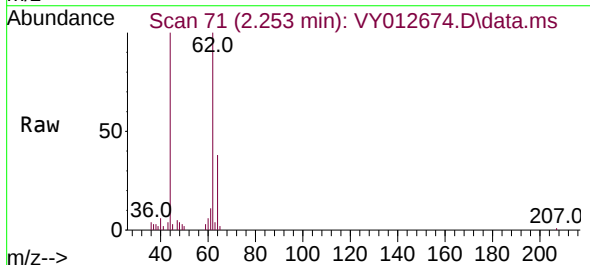
Instrument :
MSVOA_Y
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VSTDIC005

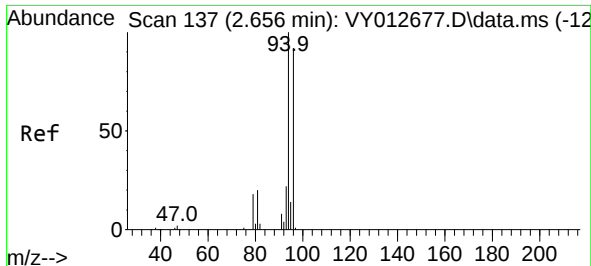
Tgt Ion: 50 Resp: 10095
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 5.413 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 62 Resp: 7272
Ion Ratio Lower Upper
62 100
64 35.2 25.4 38.2

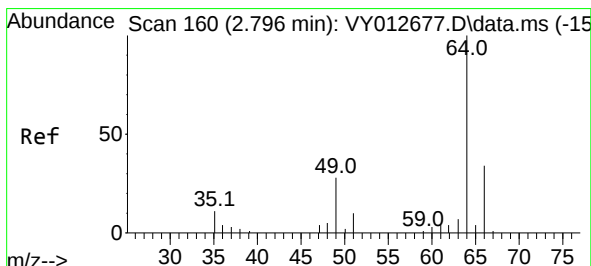
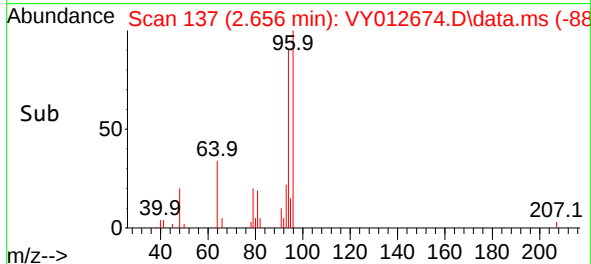
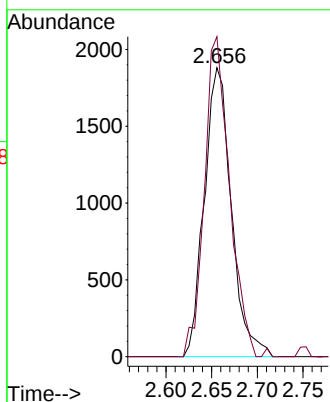
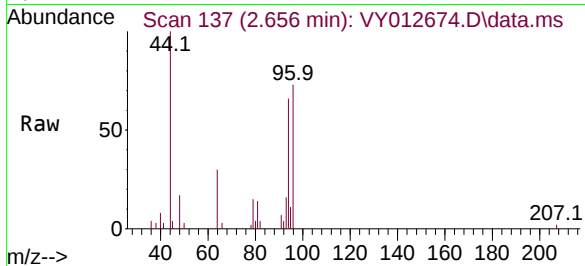




#5
Bromomethane
Concen: 5.253 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

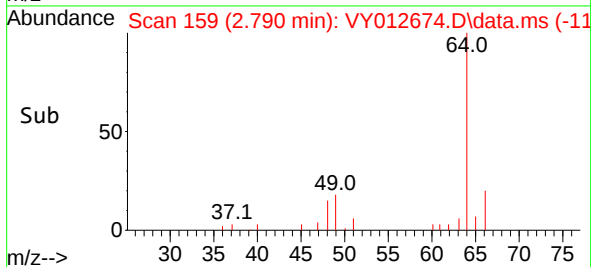
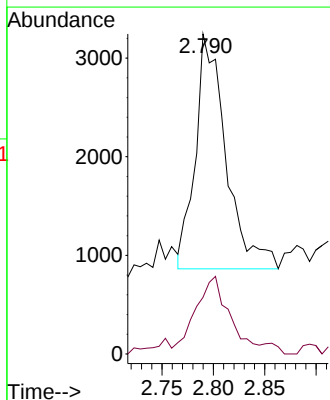
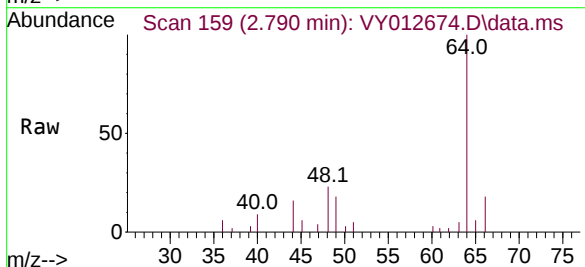
Instrument :
MSVOA_Y
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VSTDICC005

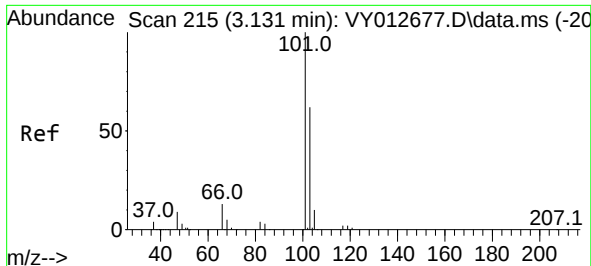
Tgt Ion: 94 Resp: 3865
Ion Ratio Lower Upper
94 100
96 110.7 73.9 110.9



#6
Chloroethane
Concen: 5.765 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 64 Resp: 4930
Ion Ratio Lower Upper
64 100
66 21.0 27.1 40.7#

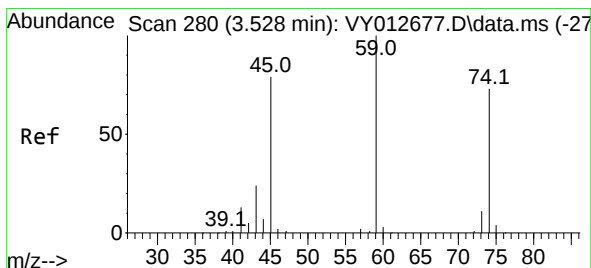
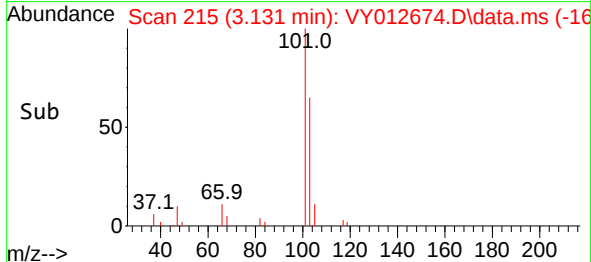
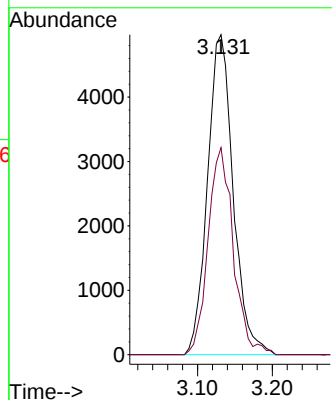
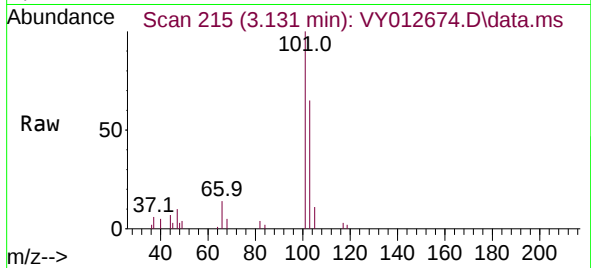




#7
 Trichlorofluoromethane
 Concen: 5.495 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY012674.D
 Acq: 21 Feb 2023 15:12

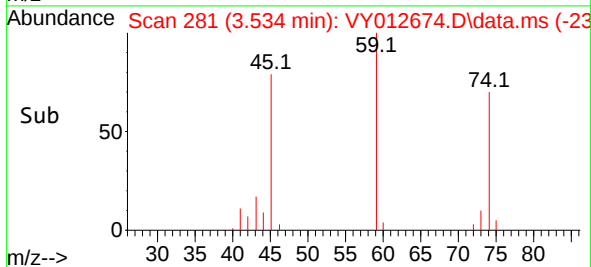
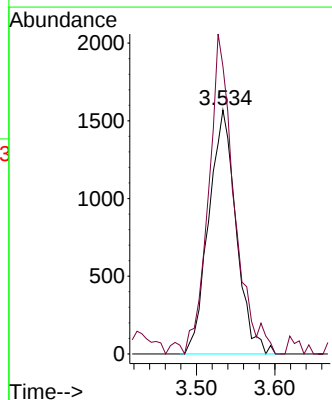
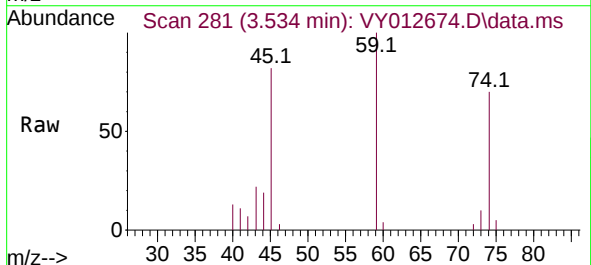
Instrument :
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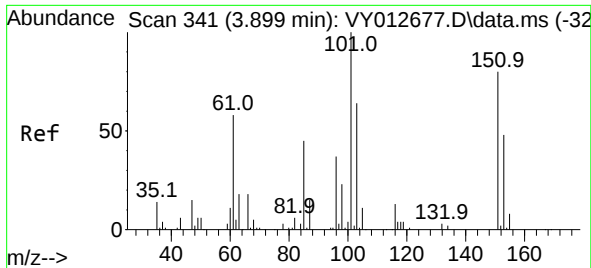
Tgt Ion:101 Resp: 11900
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.8 74.6



#8
 Diethyl Ether
 Concen: 4.917 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012674.D
 Acq: 21 Feb 2023 15:12

Tgt Ion: 74 Resp: 3812
 Ion Ratio Lower Upper
 74 100
 45 122.0 54.6 163.9

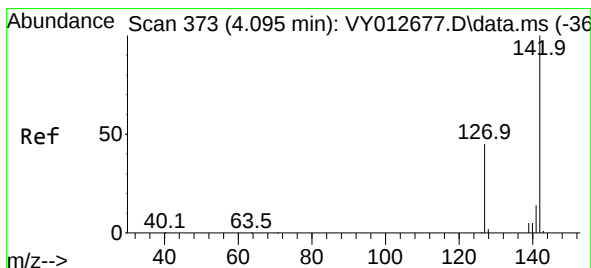
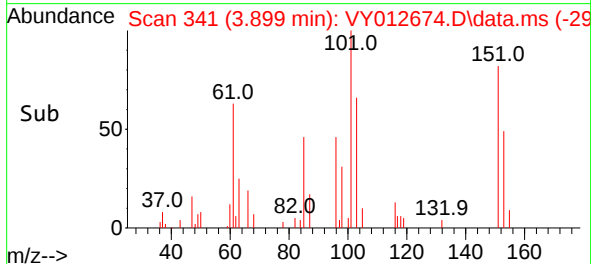
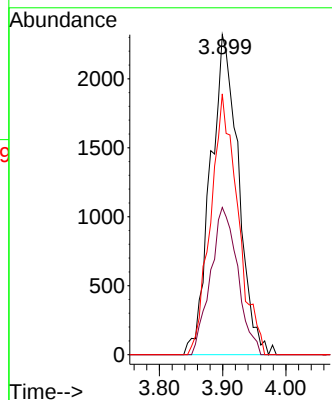
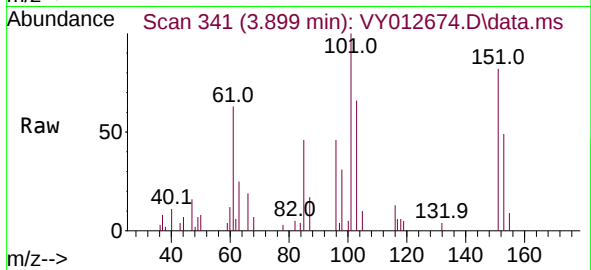




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.489 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

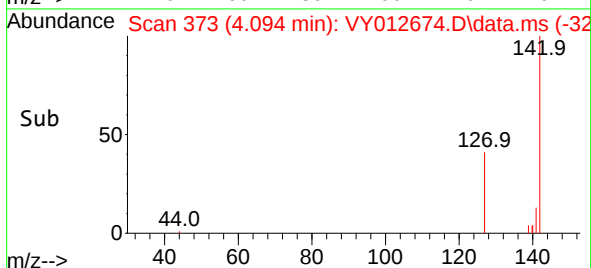
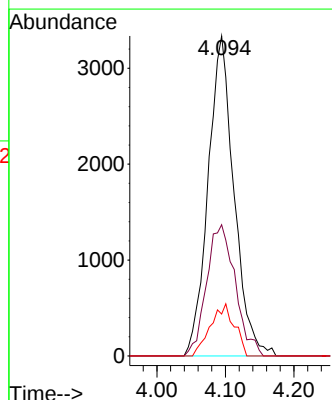
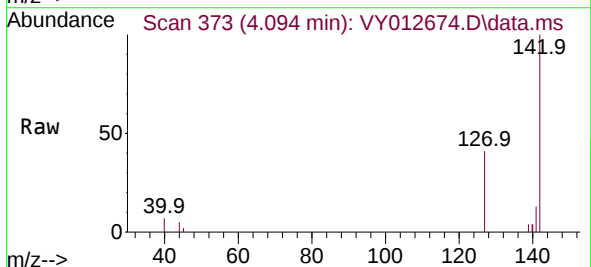
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

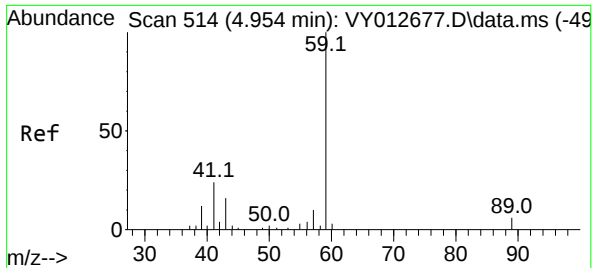
Tgt Ion:	101	Resp:	7103
Ion	Ratio	Lower	Upper
101	100		
85	44.7	36.4	54.6
151	79.7	63.1	94.7



#10
Methyl Iodide
Concen: 5.170 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion:	142	Resp:	8760
Ion	Ratio	Lower	Upper
142	100		
127	45.4	37.3	55.9
141	15.1	11.6	17.4





#11

Tert butyl alcohol

Concen: 32.255 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

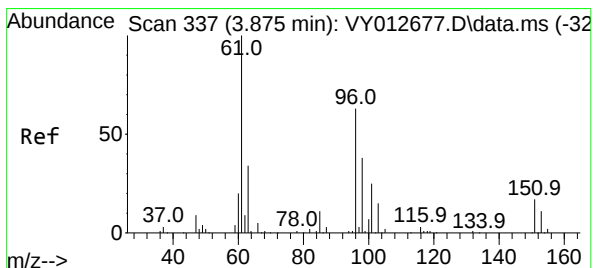
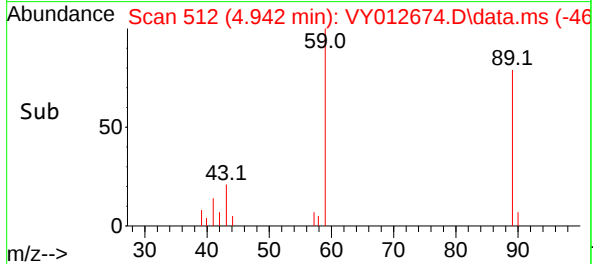
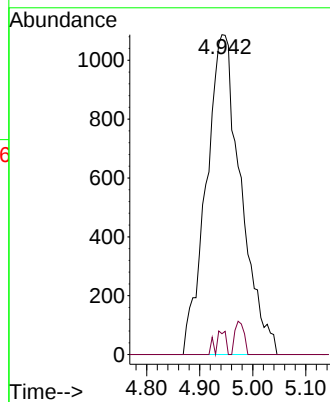
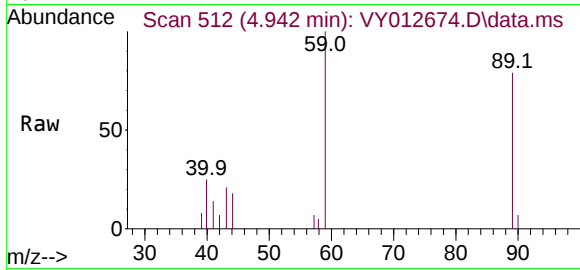
VSTDIC005

Tgt Ion: 59 Resp: 4928

Ion Ratio Lower Upper

59 100

57 2.2 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 5.315 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

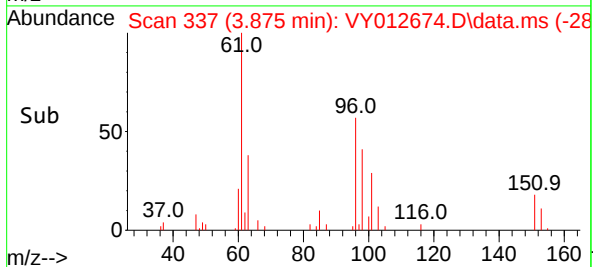
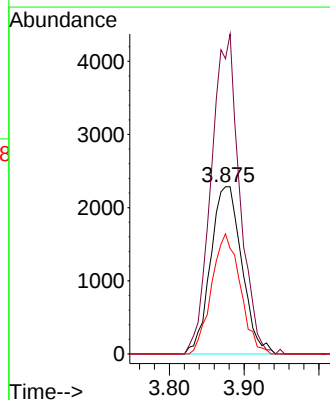
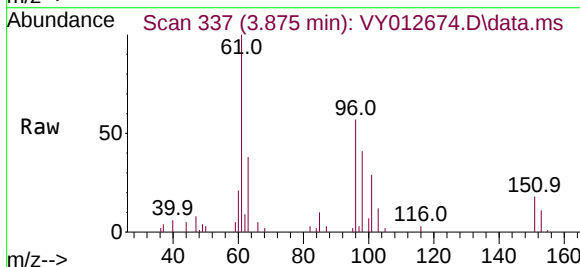
Tgt Ion: 96 Resp: 6640

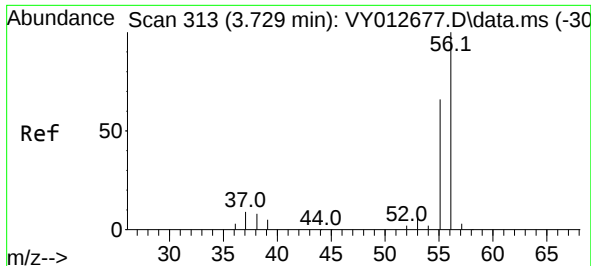
Ion Ratio Lower Upper

96 100

61 176.6 127.3 190.9

98 71.9 49.0 73.4





#13

Acrolein

Concen: 20.731 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

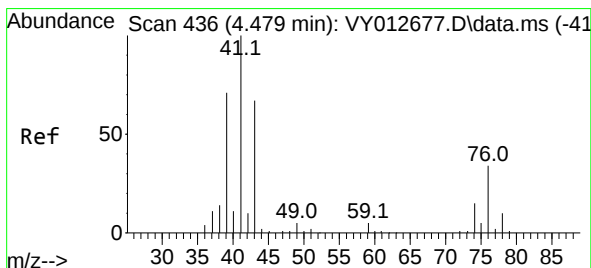
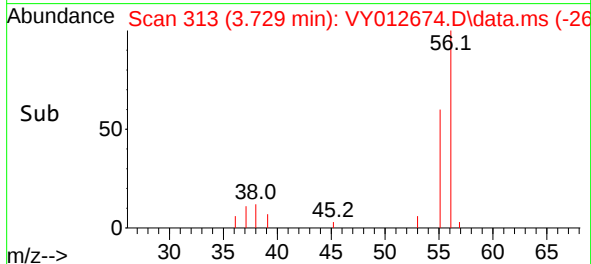
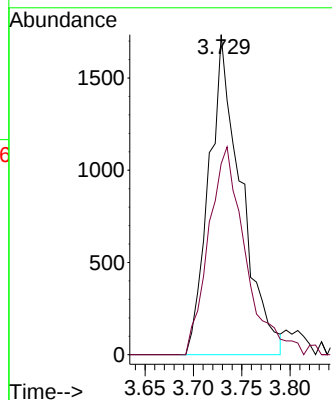
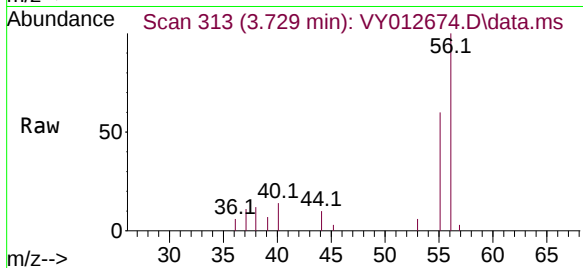
VSTDICC005

Tgt Ion: 56 Resp: 4002

Ion Ratio Lower Upper

56 100

55 74.6 55.7 83.5



#14

Allyl chloride

Concen: 5.225 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

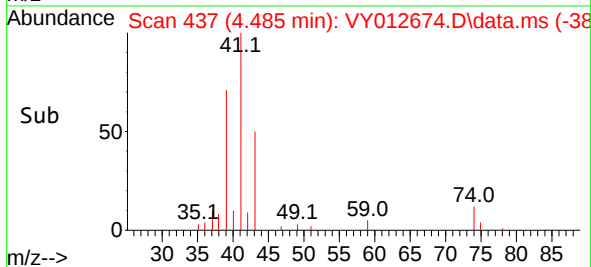
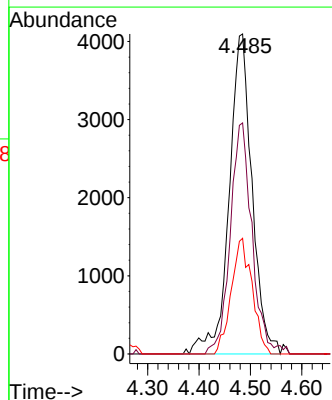
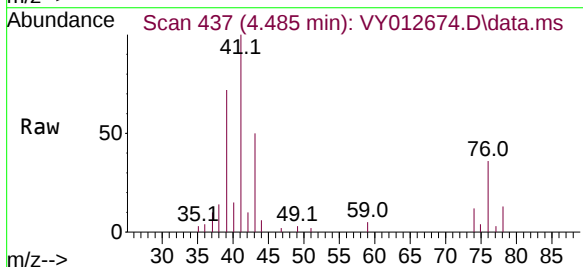
Tgt Ion: 41 Resp: 12668

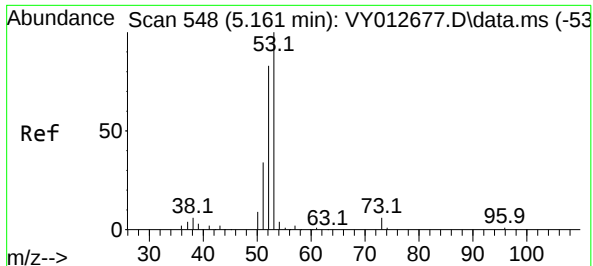
Ion Ratio Lower Upper

41 100

39 68.5 53.8 80.8

76 32.9 25.8 38.6





#15

Acrylonitrile

Concen: 23.815 ug/l

RT: 5.161 min Scan# 548

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

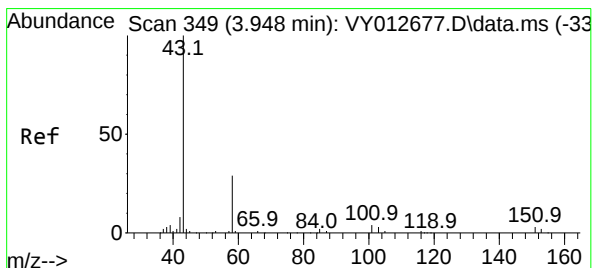
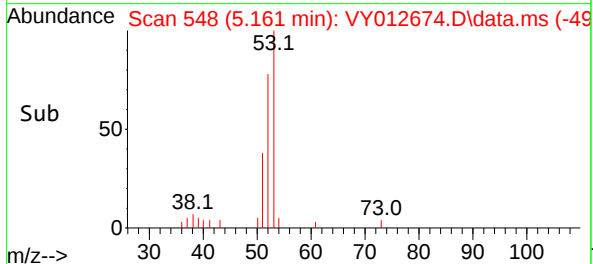
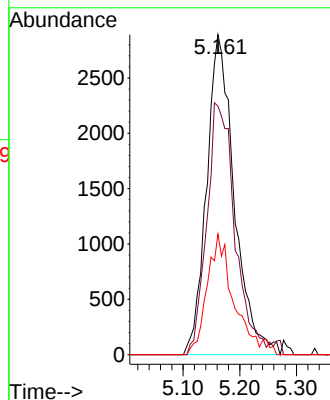
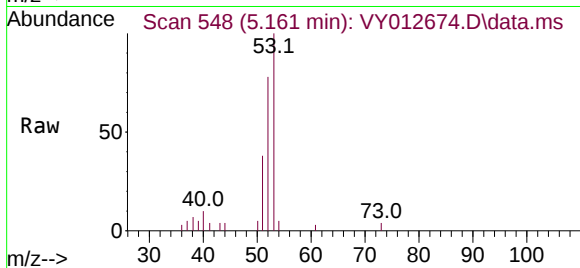
Tgt Ion: 53 Resp: 9823

Ion Ratio Lower Upper

53 100

52 79.5 65.2 97.8

51 35.3 28.6 43.0



#16

Acetone

Concen: 24.634 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY012674.D

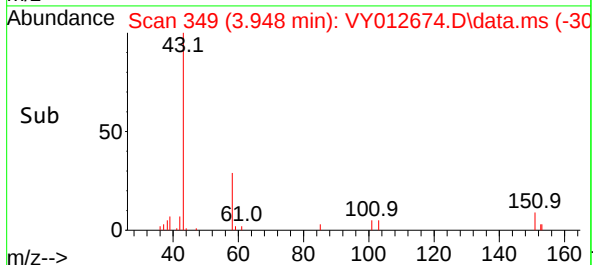
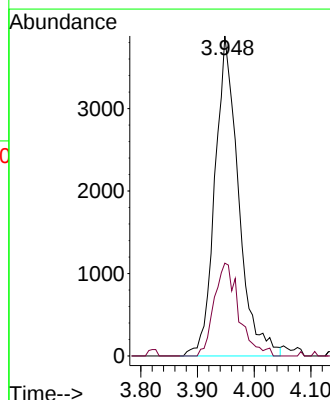
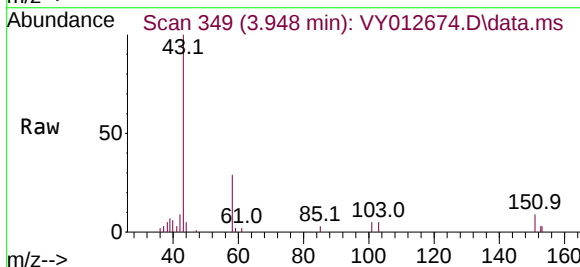
Acq: 21 Feb 2023 15:12

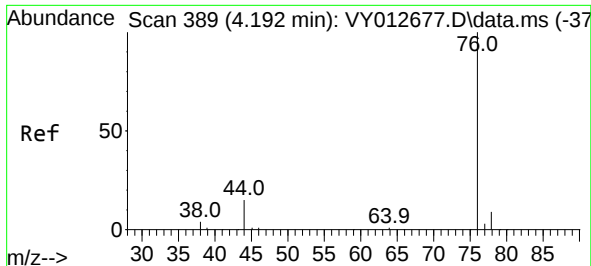
Tgt Ion: 43 Resp: 11227

Ion Ratio Lower Upper

43 100

58 29.0 23.3 34.9

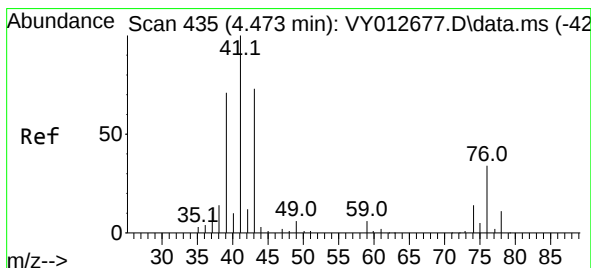
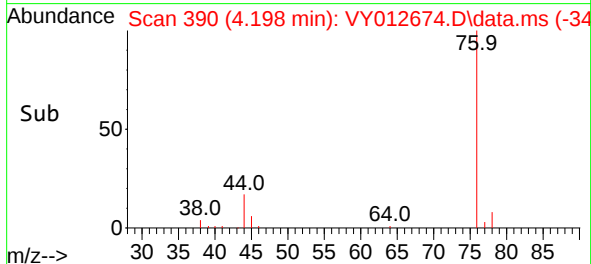
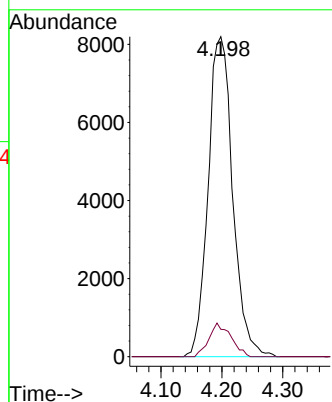
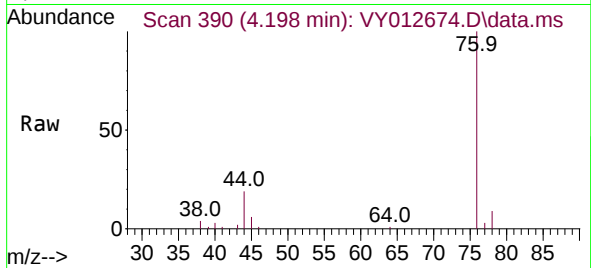




#17
Carbon Disulfide
Concen: 5.468 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

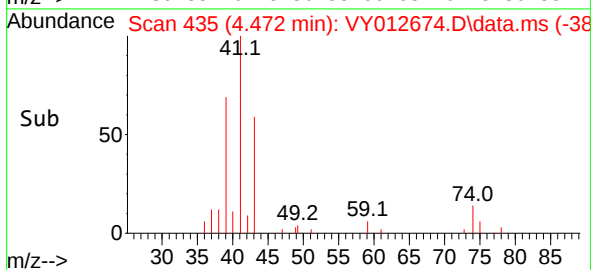
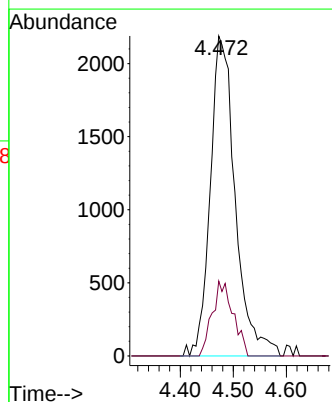
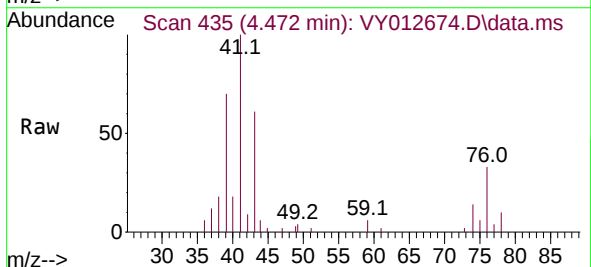
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

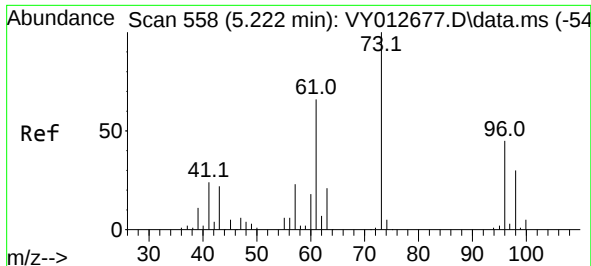
Tgt Ion: 76 Resp: 22989
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 4.878 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 43 Resp: 7162
Ion Ratio Lower Upper
43 100
74 19.6 16.5 24.7

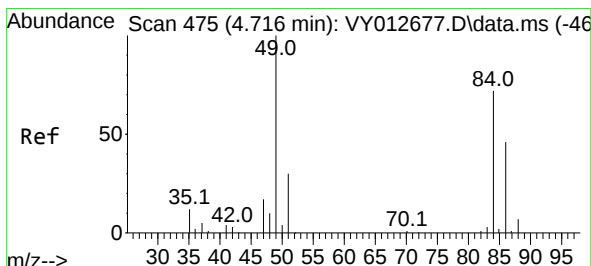
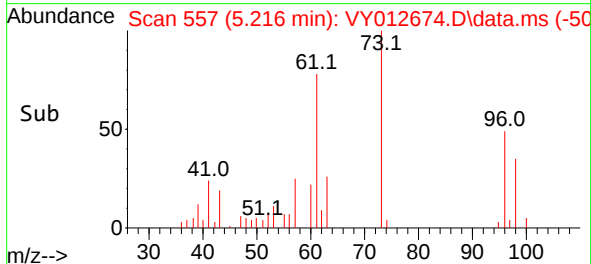
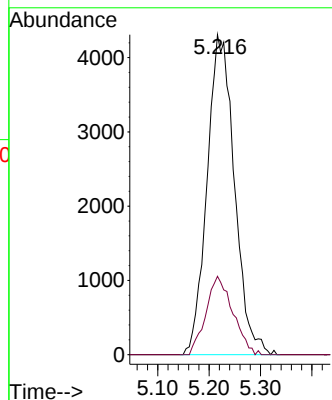
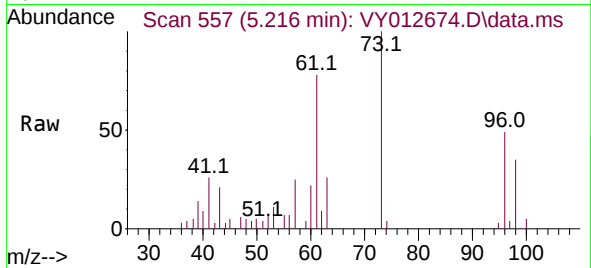




#19
Methyl tert-butyl Ether
Concen: 4.743 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

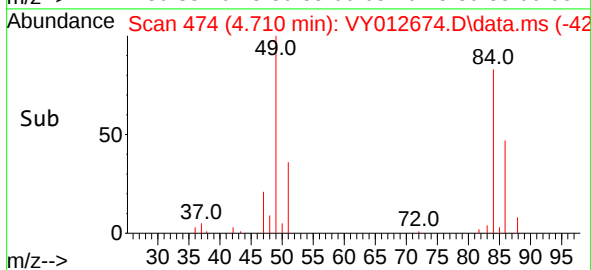
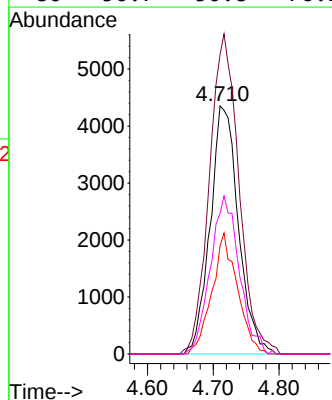
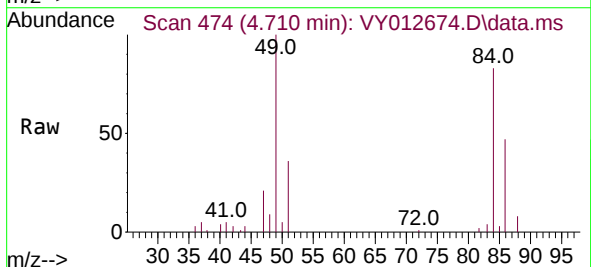
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

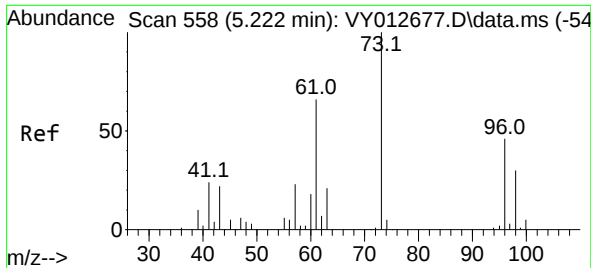
Tgt Ion: 73 Resp: 15940
Ion Ratio Lower Upper
73 100
57 24.5 18.1 27.1



#20
Methylene Chloride
Concen: 3.590 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

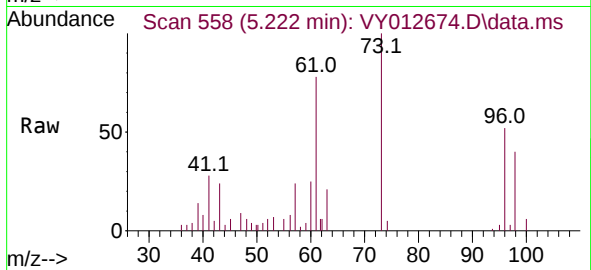
Tgt Ion: 84 Resp: 13019
Ion Ratio Lower Upper
84 100
49 120.7 111.1 166.7
51 43.6 33.5 50.3
86 56.7 50.8 76.2



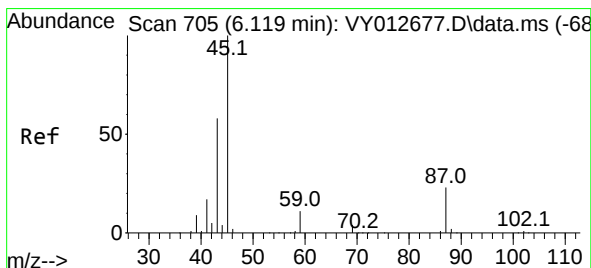
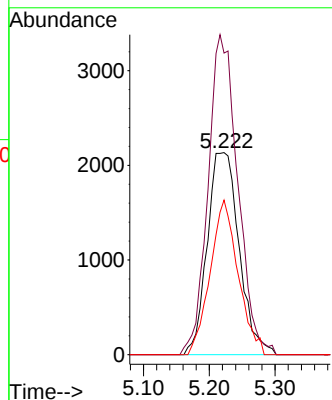
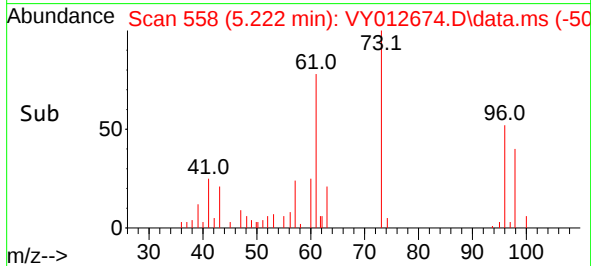


#21
trans-1,2-Dichloroethene
Concen: 5.297 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

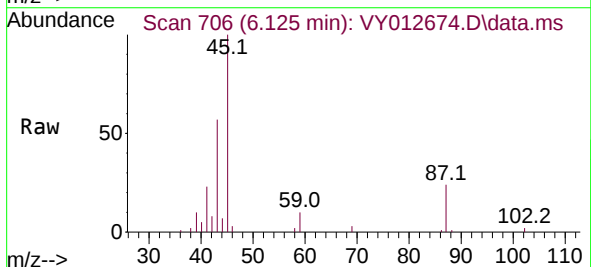
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



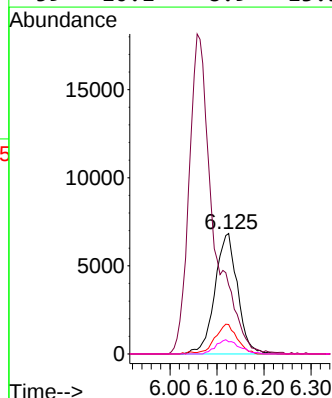
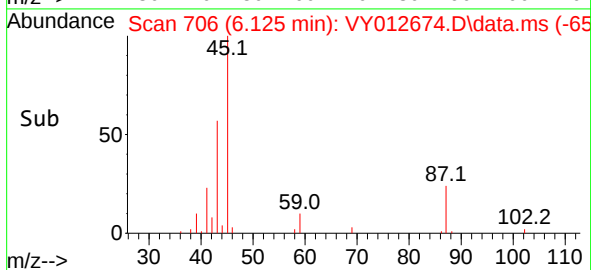
Tgt Ion: 96 Resp: 7198
Ion Ratio Lower Upper
96 100
61 149.3 116.1 174.1
98 76.5 52.3 78.5

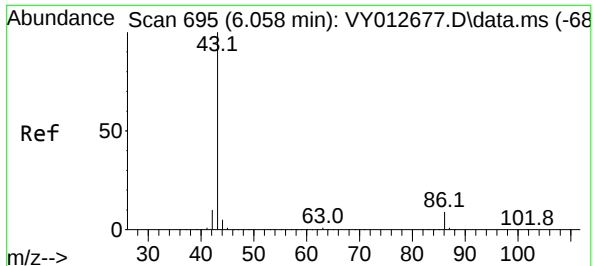


#22
Diisopropyl ether
Concen: 5.049 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12



Tgt Ion: 45 Resp: 22844
Ion Ratio Lower Upper
45 100
43 55.9 46.2 69.2
87 24.4 18.6 28.0
59 10.1 8.9 13.3





#23

Vinyl Acetate

Concen: 23.359 ug/l

RT: 6.058 min Scan# 695

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

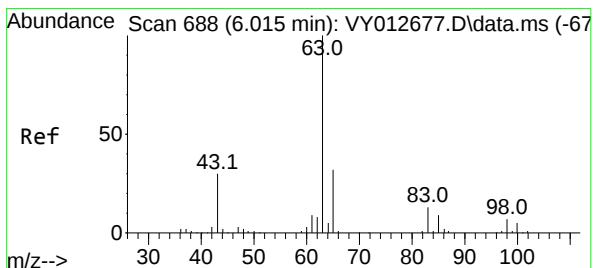
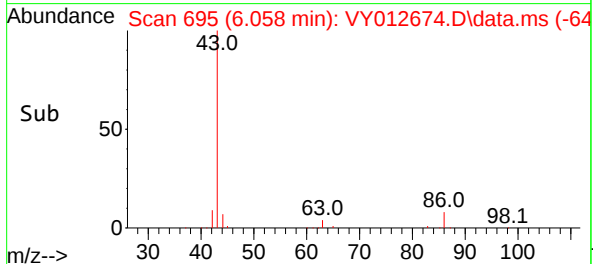
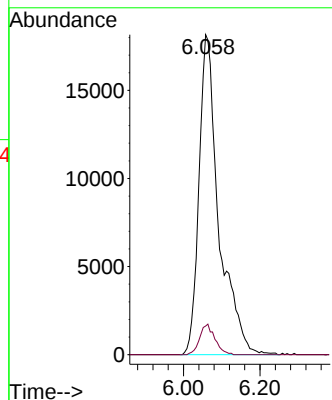
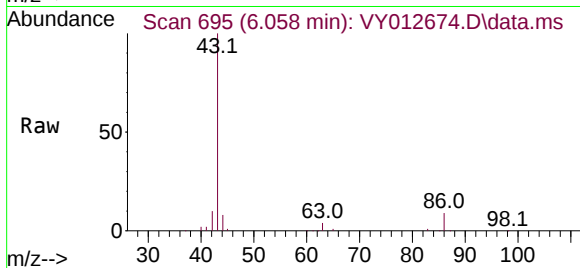
VSTDICC005

Tgt Ion: 43 Resp: 65458

Ion Ratio Lower Upper

43 100

86 8.9 7.4 11.0



#24

1,1-Dichloroethane

Concen: 5.377 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

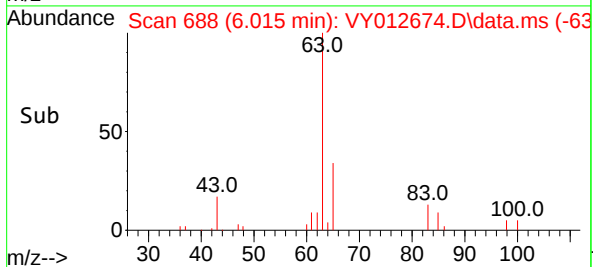
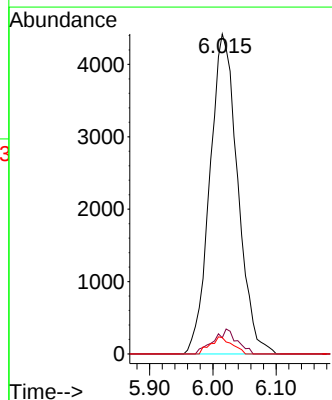
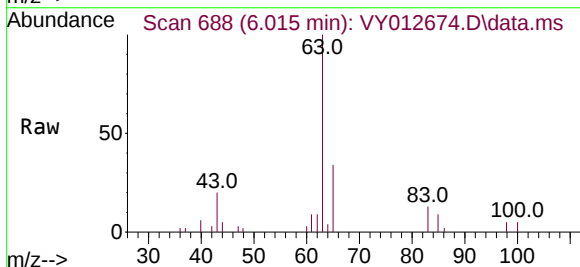
Tgt Ion: 63 Resp: 13490

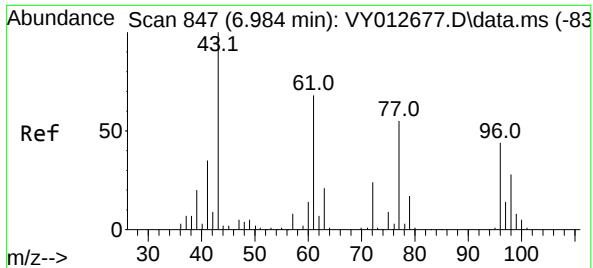
Ion Ratio Lower Upper

63 100

98 5.0 3.4 10.1

100 5.1 2.3 6.9





#25

2-Butanone

Concen: 23.358 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

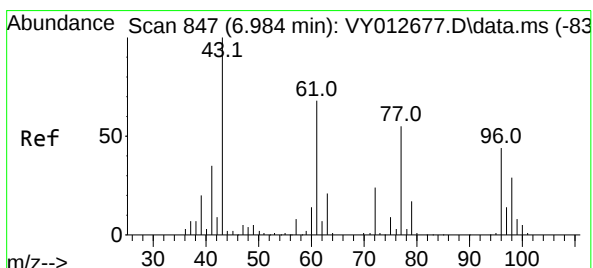
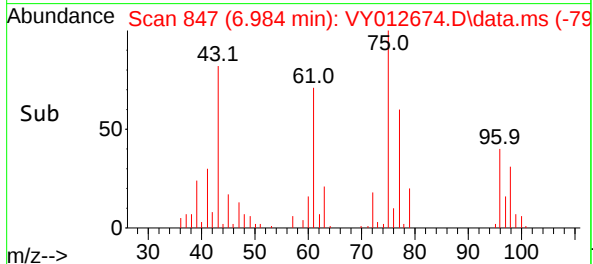
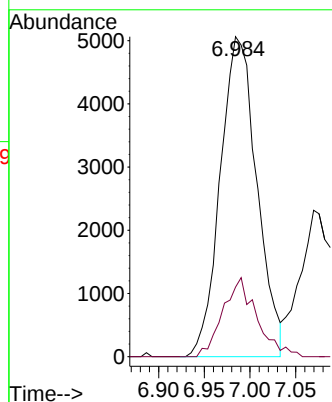
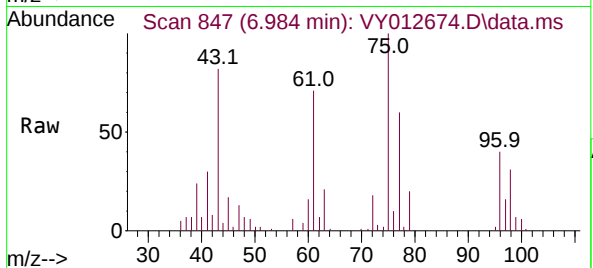
VSTDIC005

Tgt Ion: 43 Resp: 14129

Ion Ratio Lower Upper

43 100

72 21.7 18.8 28.2



#26

2,2-Dichloropropane

Concen: 5.437 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012674.D

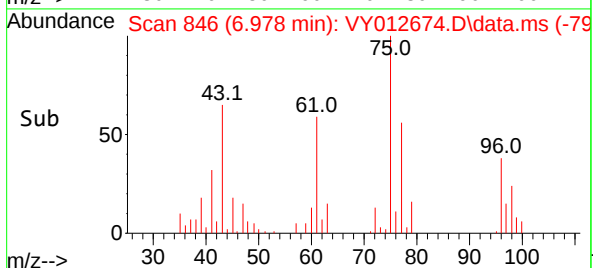
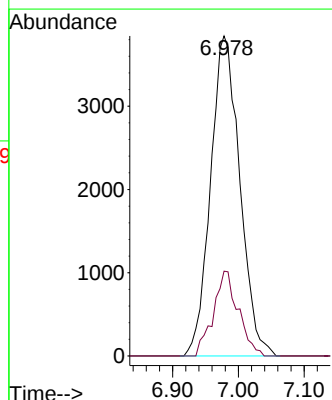
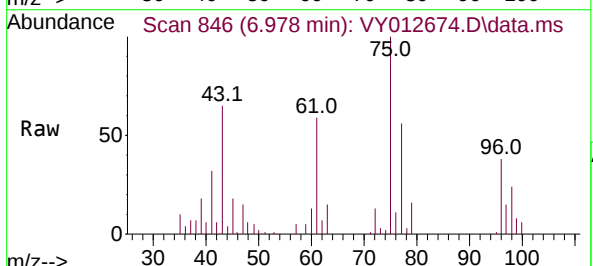
Acq: 21 Feb 2023 15:12

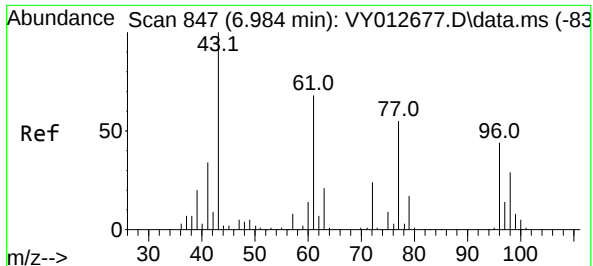
Tgt Ion: 77 Resp: 11900

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 5.230 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

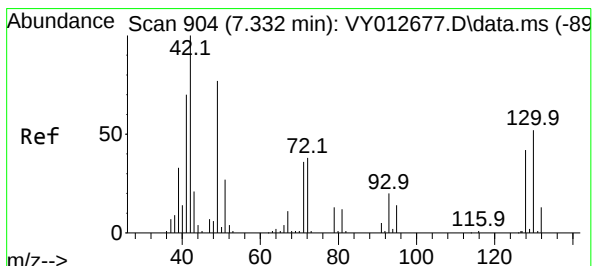
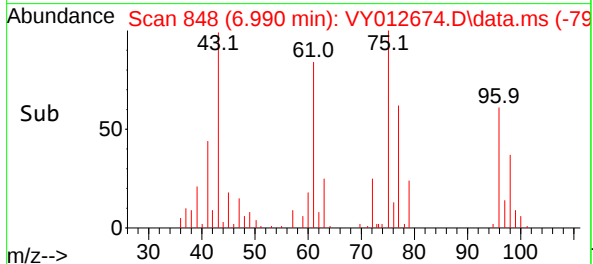
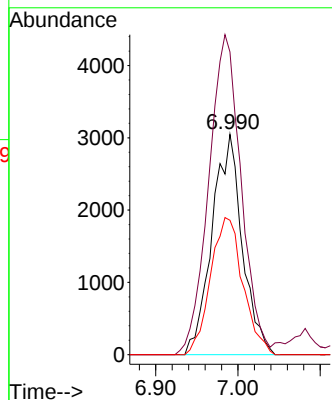
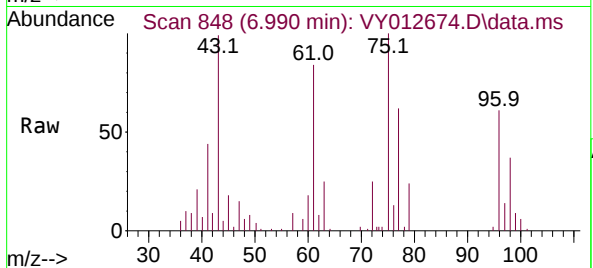
Tgt Ion: 96 Resp: 7777

Ion Ratio Lower Upper

96 100

61 155.8 0.0 308.8

98 66.7 0.0 129.0



#28

Bromochloromethane

Concen: 4.576 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

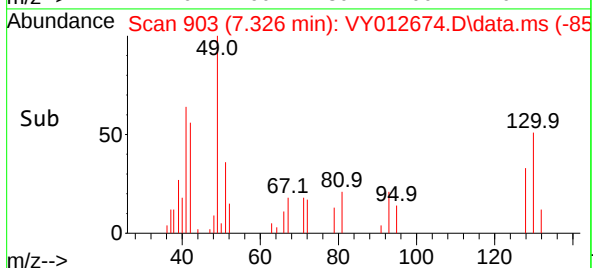
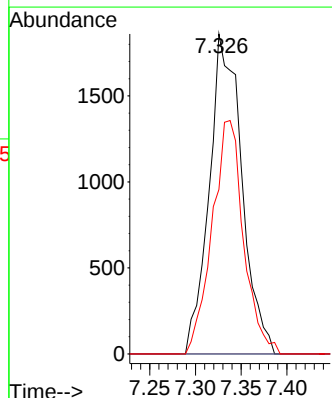
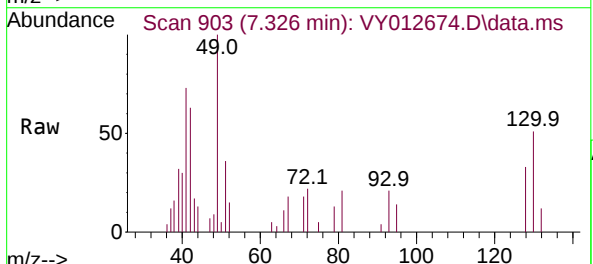
Tgt Ion: 49 Resp: 4597

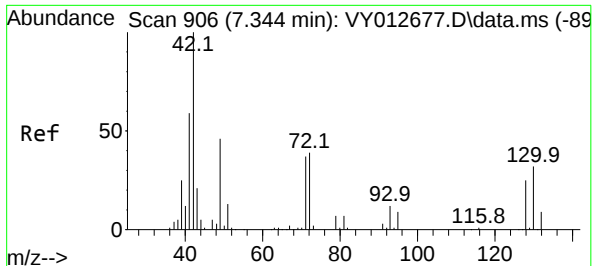
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 70.5 54.3 81.5





#29

Tetrahydrofuran

Concen: 21.893 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

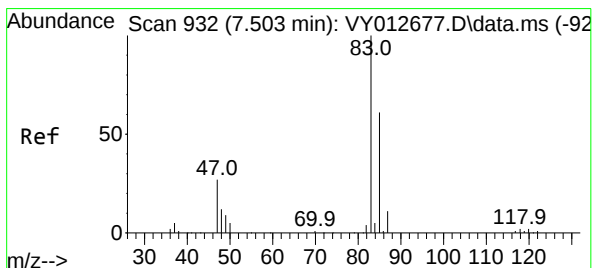
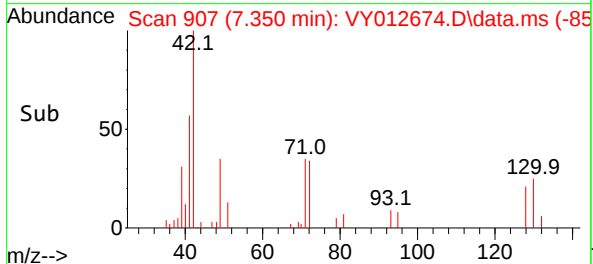
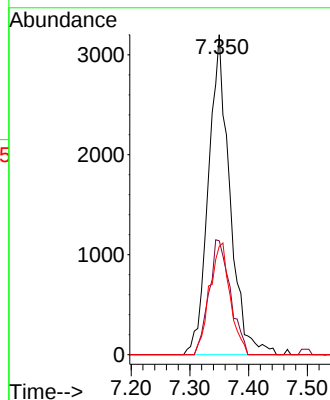
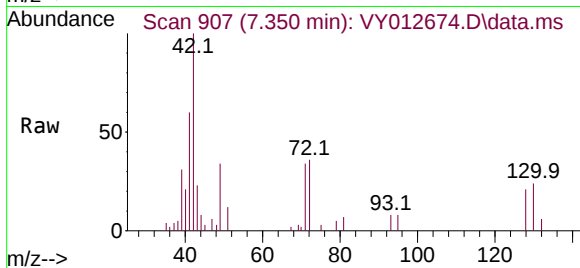
Tgt Ion: 42 Resp: 8085

Ion Ratio Lower Upper

42 100

72 35.9 30.6 45.8

71 33.4 28.6 42.8



#30

Chloroform

Concen: 5.338 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012674.D

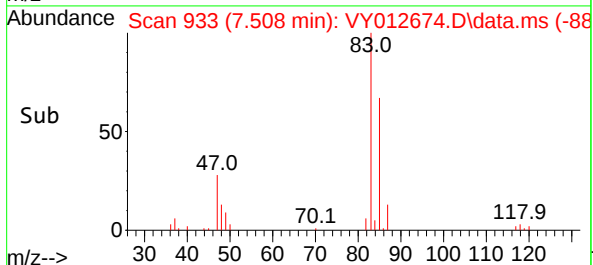
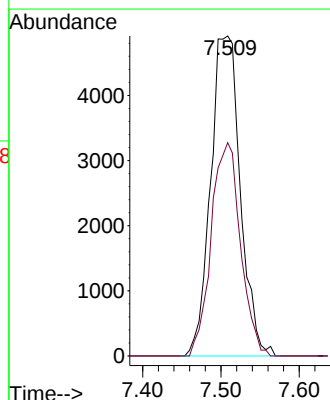
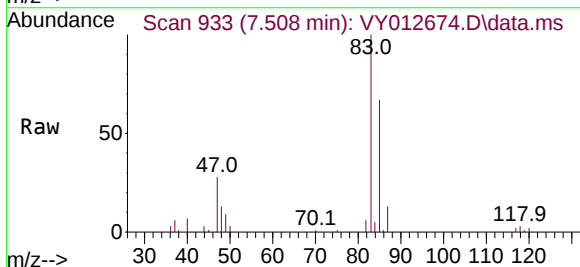
Acq: 21 Feb 2023 15:12

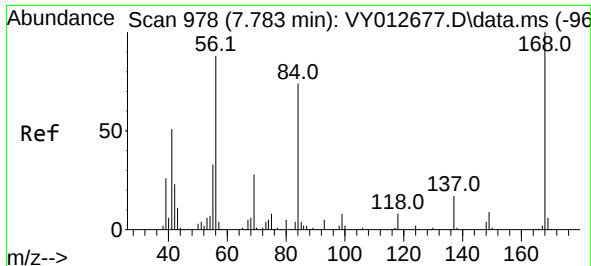
Tgt Ion: 83 Resp: 12977

Ion Ratio Lower Upper

83 100

85 66.6 48.9 73.3

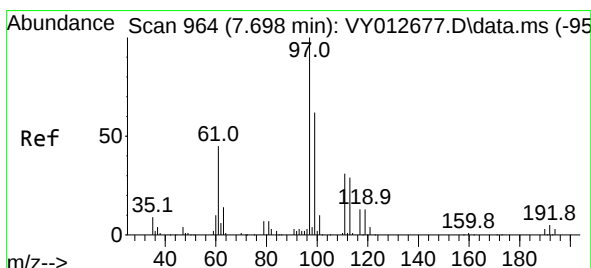
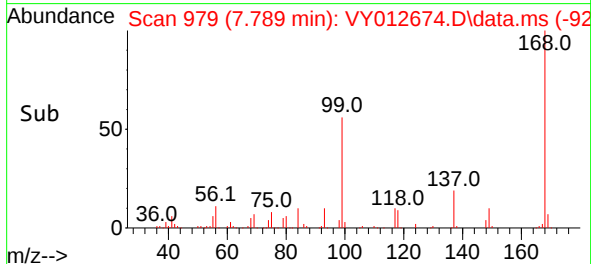
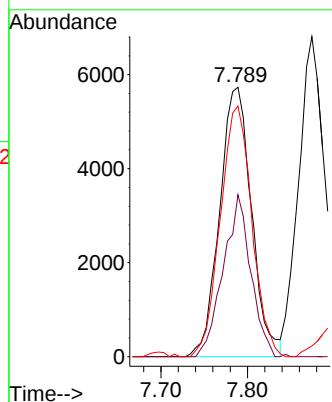
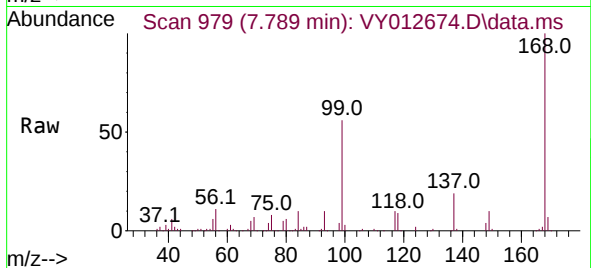




#31
Cyclohexane
Concen: 6.048 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

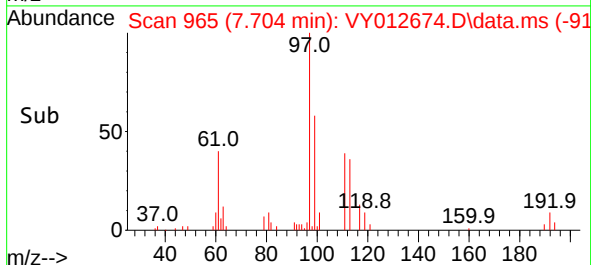
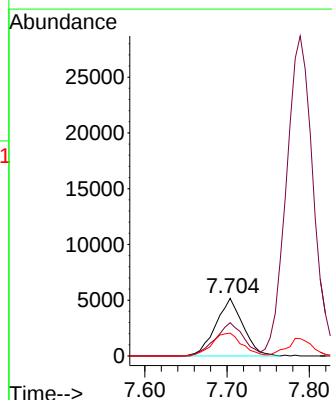
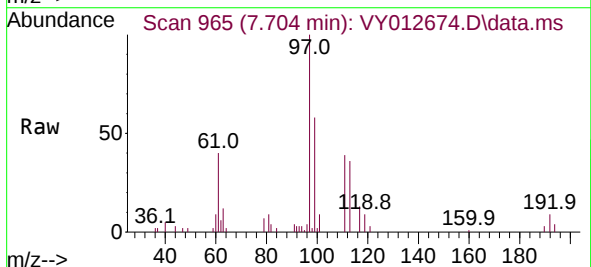
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

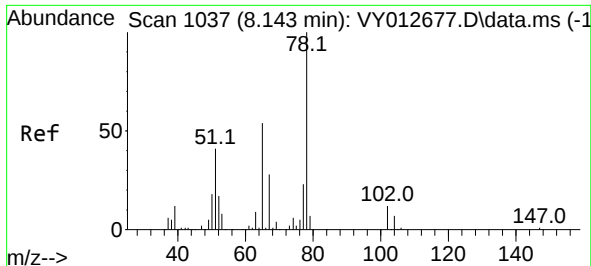
Tgt Ion: 56 Resp: 14676
Ion Ratio Lower Upper
56 100
69 60.1 25.4 38.2#
84 93.1 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 5.405 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 97 Resp: 11894
Ion Ratio Lower Upper
97 100
99 59.8 50.6 75.8
61 43.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 5.340 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

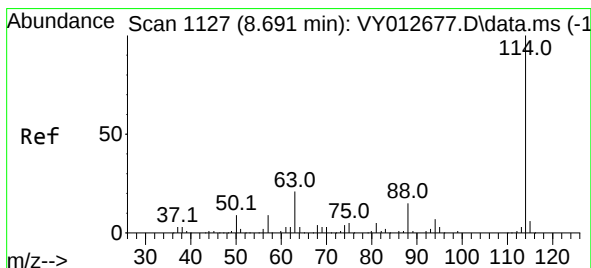
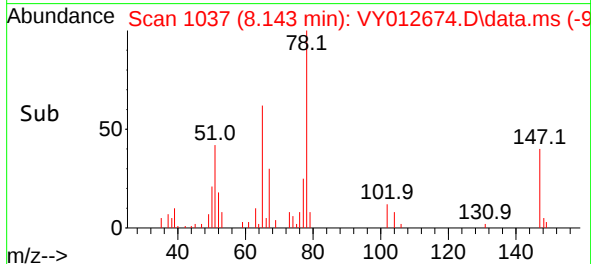
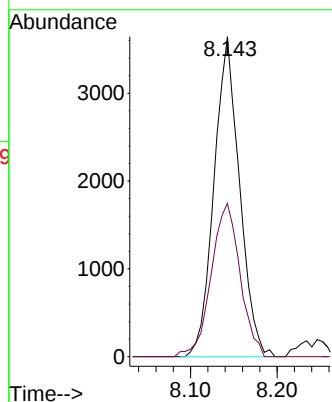
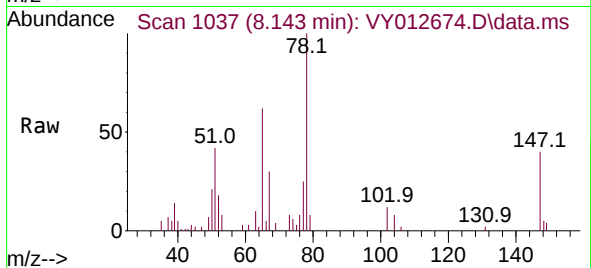
VSTDIC005

Tgt Ion: 65 Resp: 7458

Ion Ratio Lower Upper

65 100

67 54.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

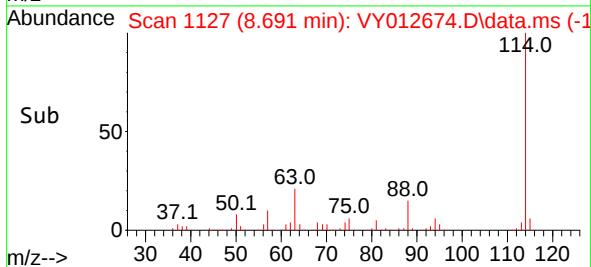
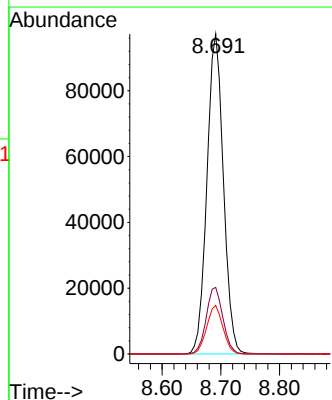
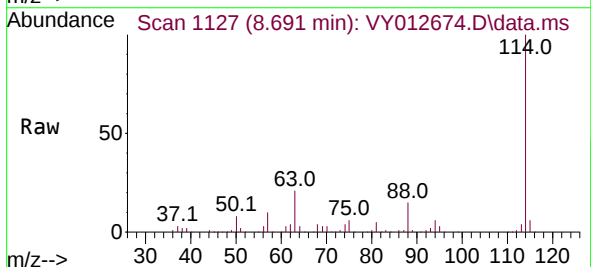
Tgt Ion: 114 Resp: 189199

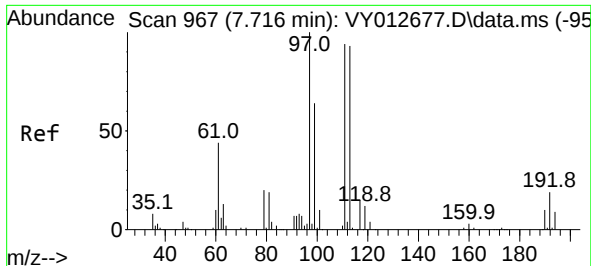
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 15.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 5.079 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

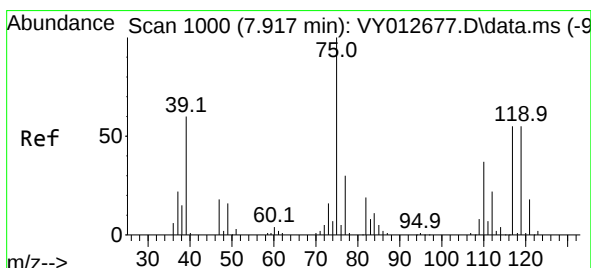
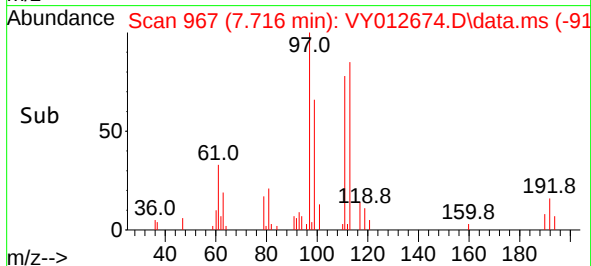
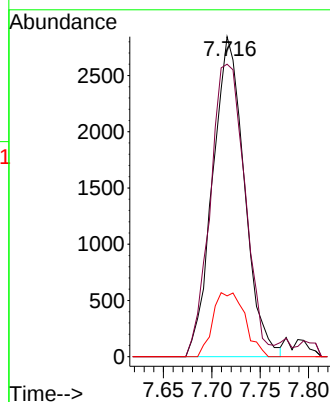
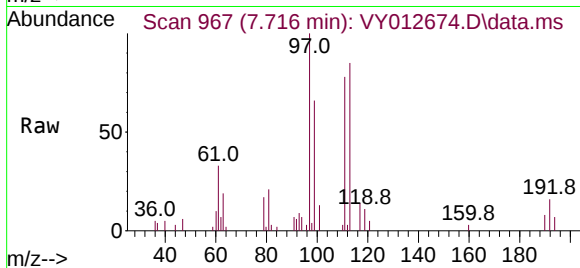
Tgt Ion:113 Resp: 6490

Ion Ratio Lower Upper

113 100

111 100.2 82.0 123.0

192 20.3 16.2 24.2



#36

1,1-Dichloropropene

Concen: 5.273 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

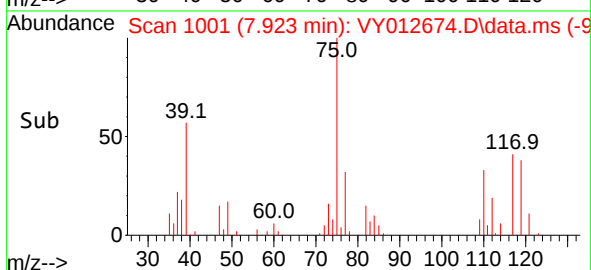
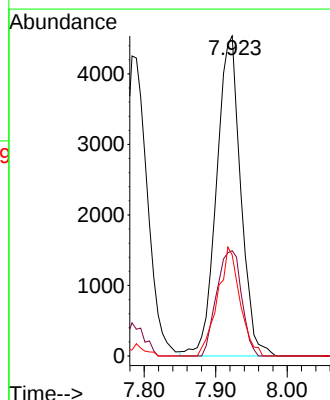
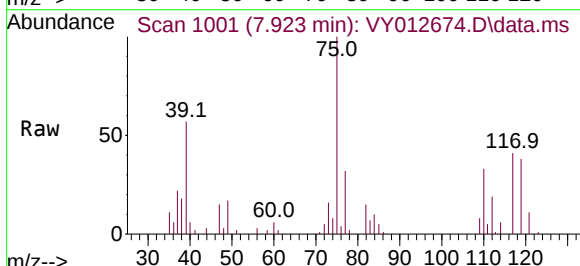
Tgt Ion: 75 Resp: 10682

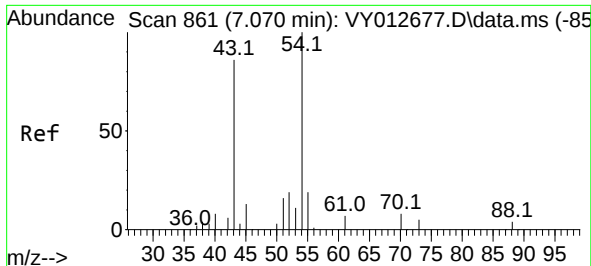
Ion Ratio Lower Upper

75 100

110 33.9 17.6 52.8

77 31.5 24.6 37.0

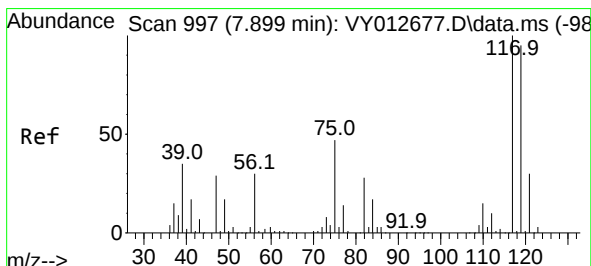
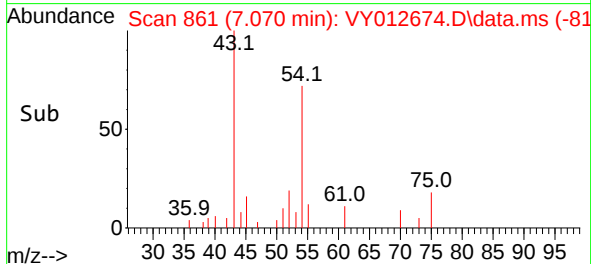
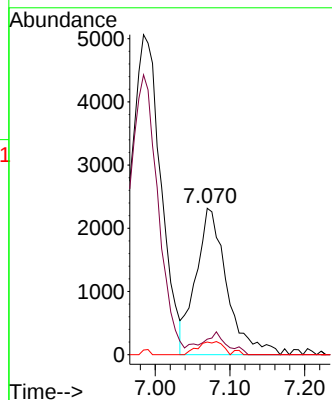
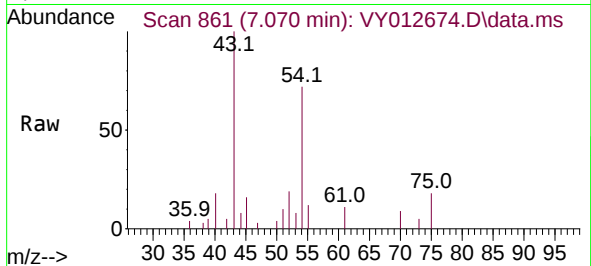




#37
Ethyl Acetate
Concen: 4.878 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

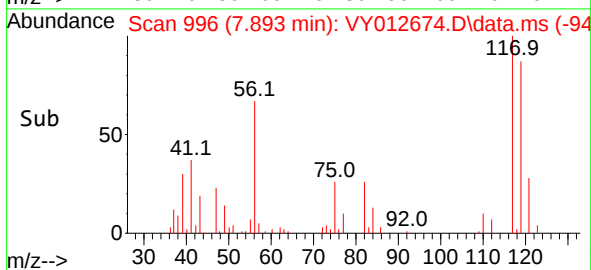
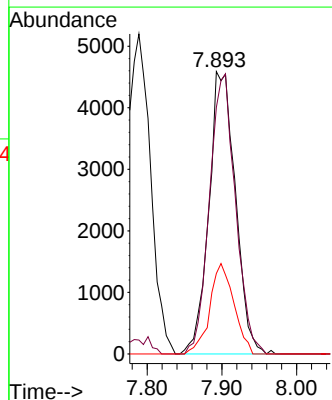
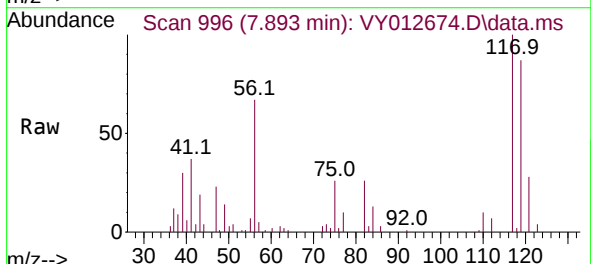
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

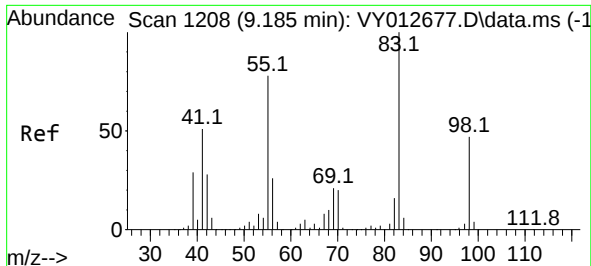
Tgt Ion: 43	Resp: 6667
Ion Ratio	Lower Upper
43 100	
61 12.0	9.9 14.9
70 7.1	6.4 9.6



#38
Carbon Tetrachloride
Concen: 5.432 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion:117	Resp:	11378	
Ion	Ratio	Lower	Upper
117	100		
119	87.3	75.5	113.3
121	28.5	23.8	35.8

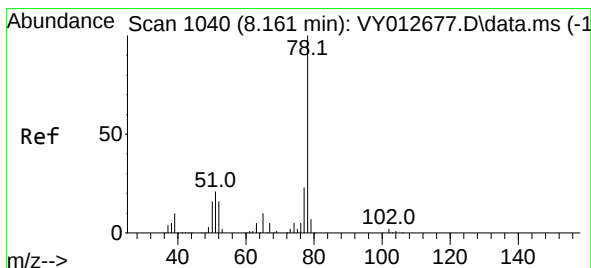
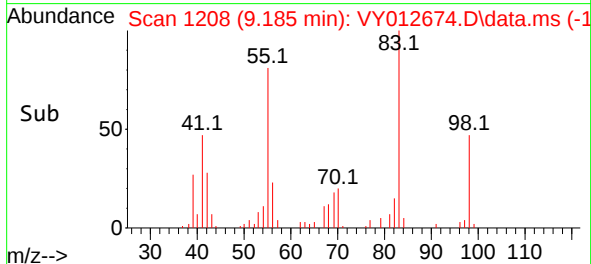
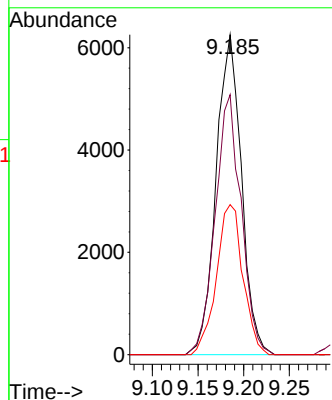
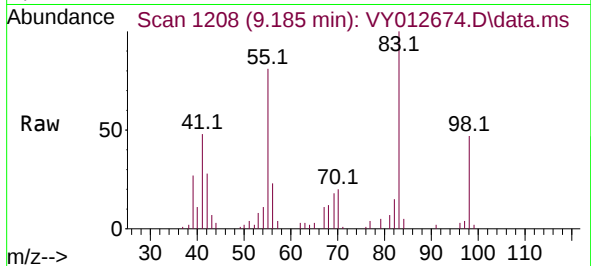




#39
Methylcyclohexane
Concen: 5.162 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

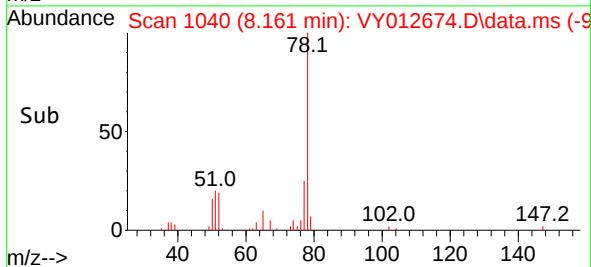
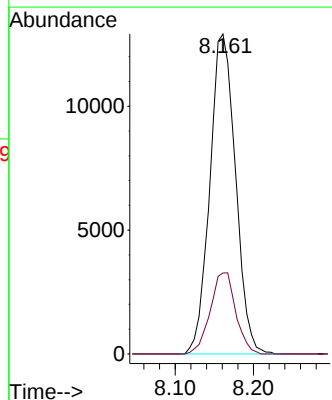
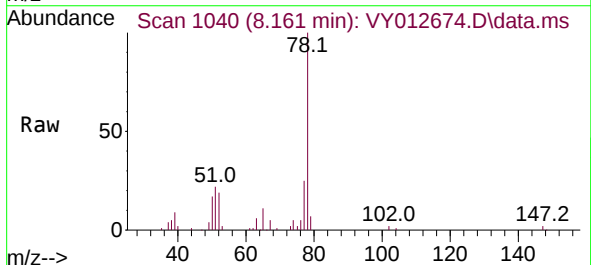
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

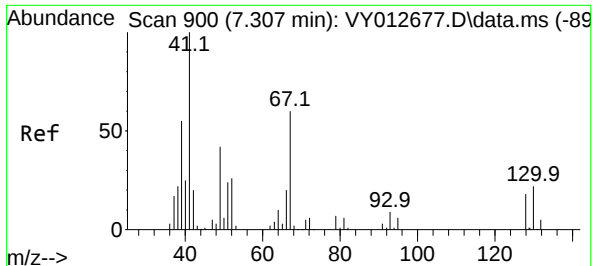
Tgt Ion: 83 Resp: 12062
Ion Ratio Lower Upper
83 100
55 81.3 62.5 93.7
98 46.9 37.8 56.6



#40
Benzene
Concen: 5.205 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 78 Resp: 29432
Ion Ratio Lower Upper
78 100
77 25.3 18.5 27.7

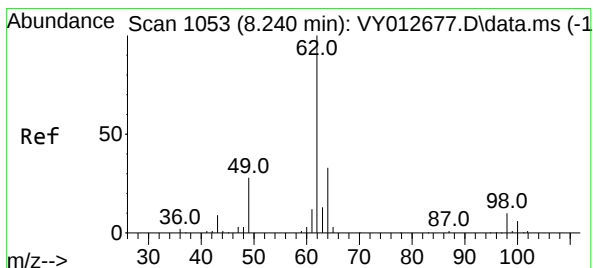
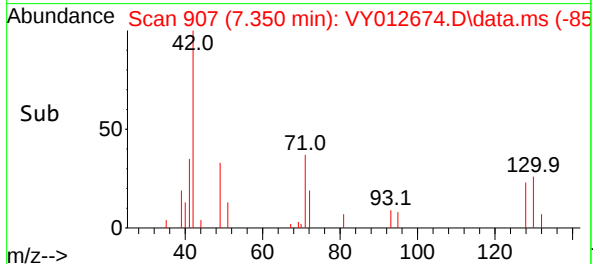
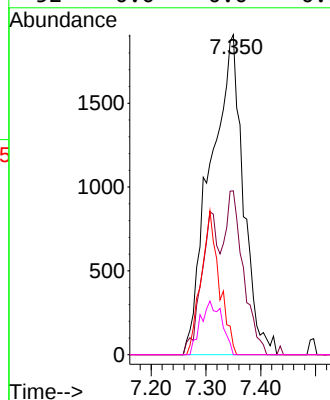
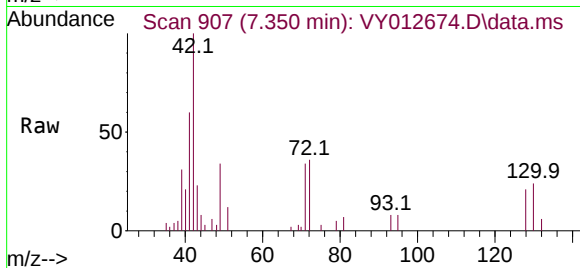




#41
Methacrylonitrile
Concen: 11.907 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

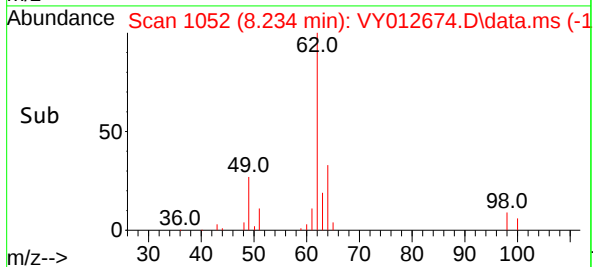
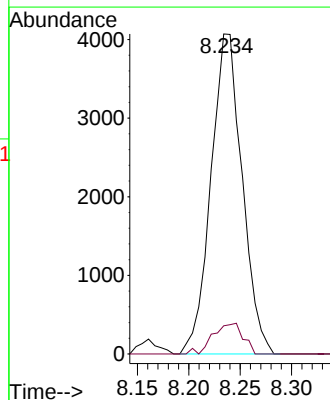
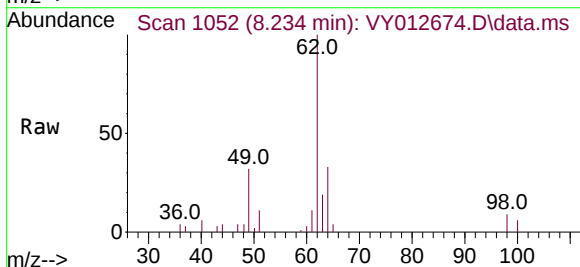
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

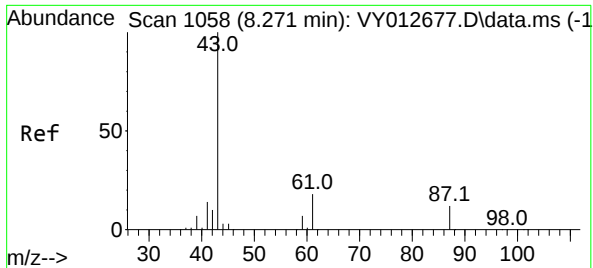
Tgt Ion:	41	Resp:	7928
Ion	Ratio	Lower	Upper
41	100		
39	29.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 4.900 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion:	62	Resp:	8591
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 4.396 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

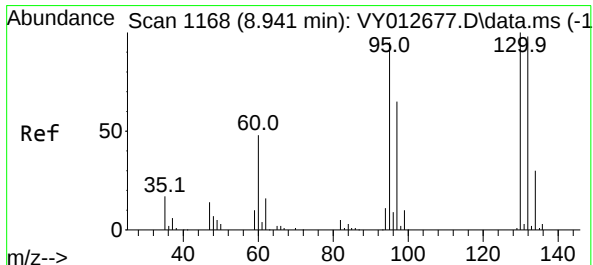
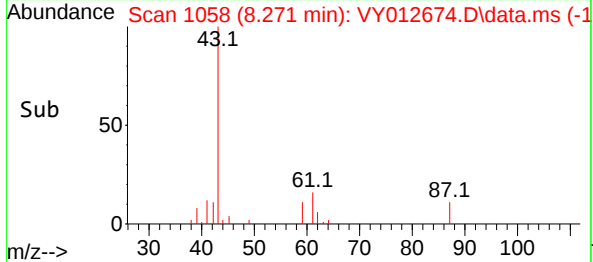
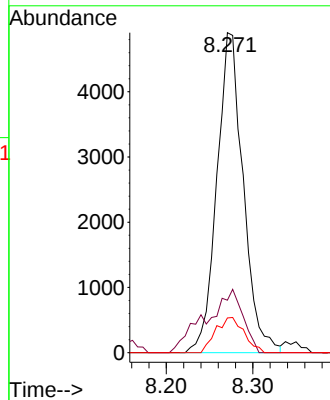
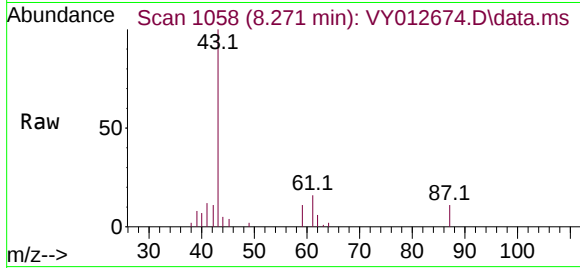
Tgt Ion: 43 Resp: 10382

Ion Ratio Lower Upper

43 100

61 19.5 20.5 30.7#

87 11.8 9.2 13.8



#44

Trichloroethene

Concen: 5.220 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY012674.D

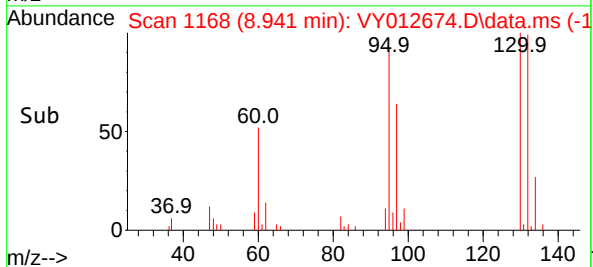
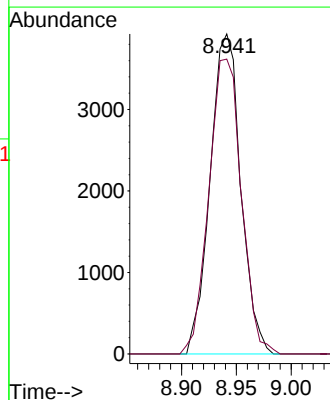
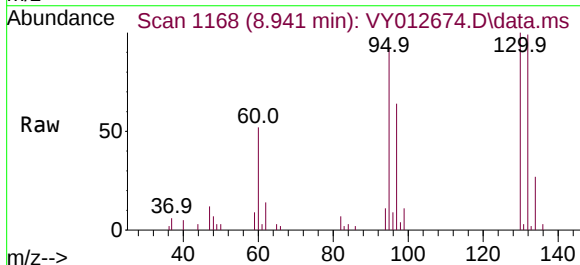
Acq: 21 Feb 2023 15:12

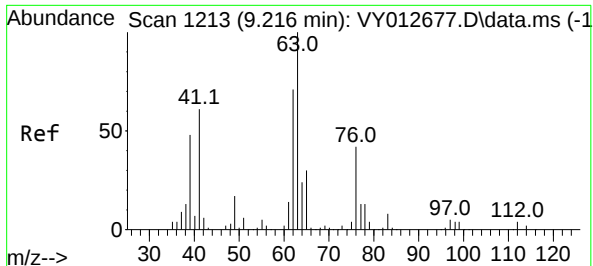
Tgt Ion:130 Resp: 7631

Ion Ratio Lower Upper

130 100

95 92.2 0.0 190.6





#45

1,2-Dichloropropane

Concen: 5.063 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

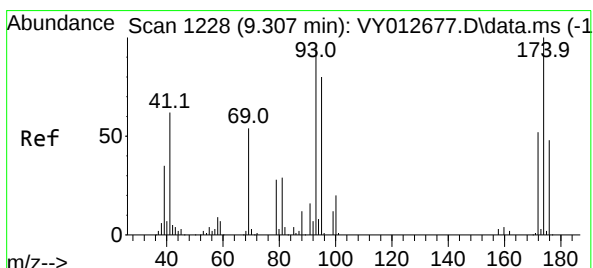
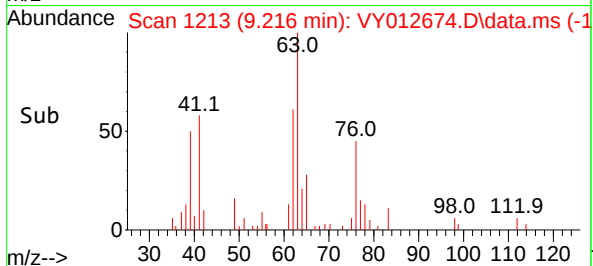
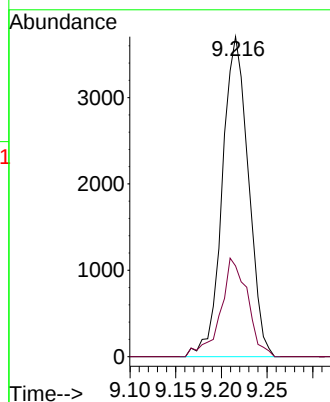
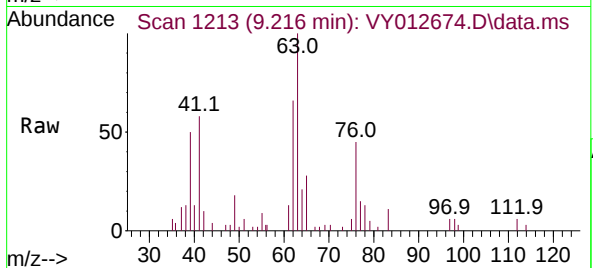
VSTDIC005

Tgt Ion: 63 Resp: 7364

Ion Ratio Lower Upper

63 100

65 28.4 23.9 35.9



#46

Dibromomethane

Concen: 4.866 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

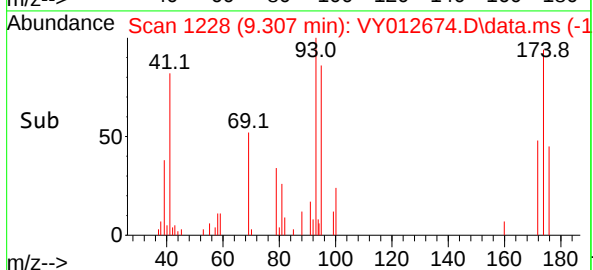
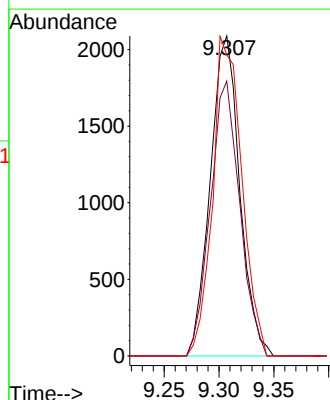
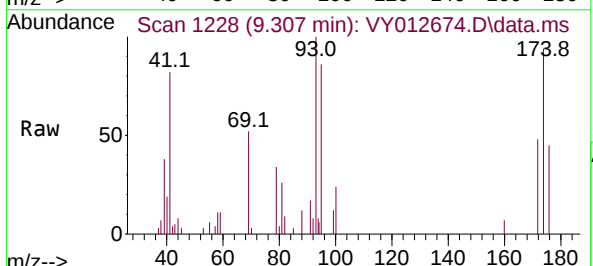
Tgt Ion: 93 Resp: 3907

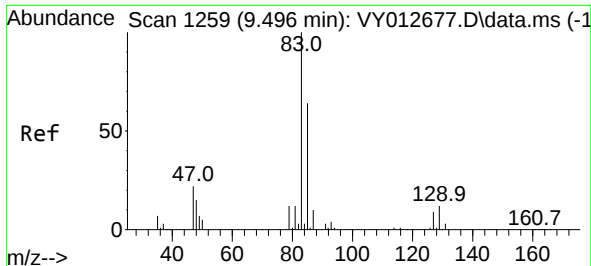
Ion Ratio Lower Upper

93 100

95 85.8 66.6 99.8

174 98.8 79.8 119.6

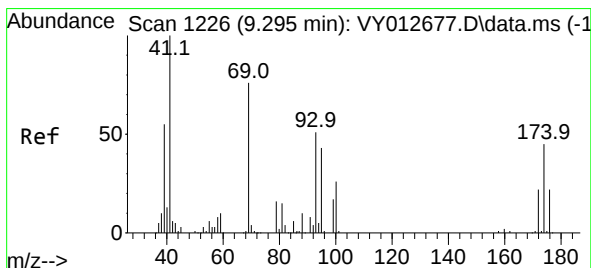
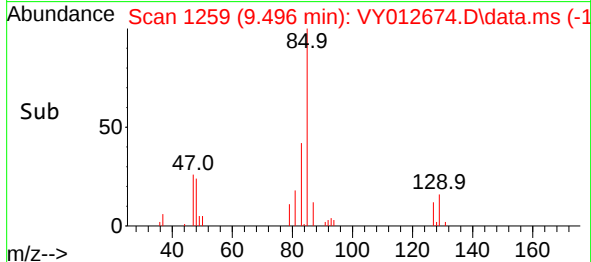
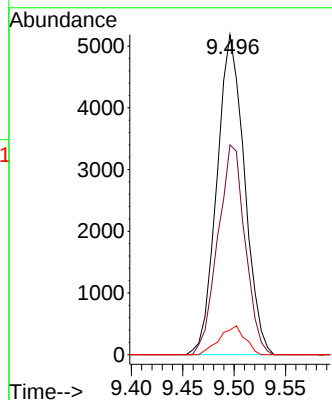
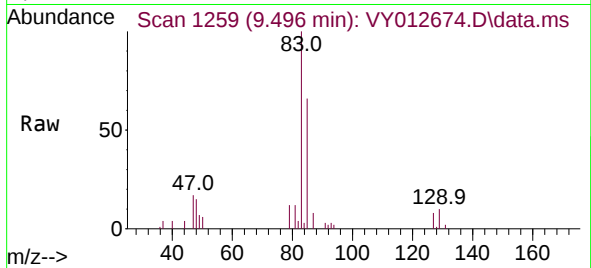




#47
Bromodichloromethane
Concen: 4.994 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

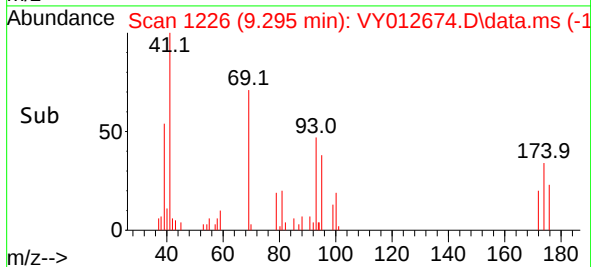
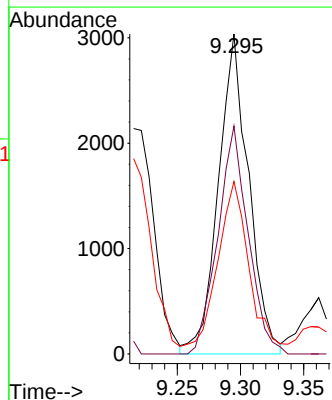
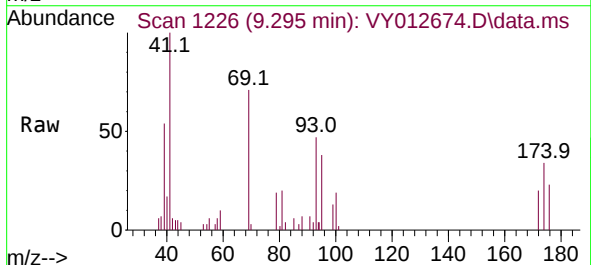
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

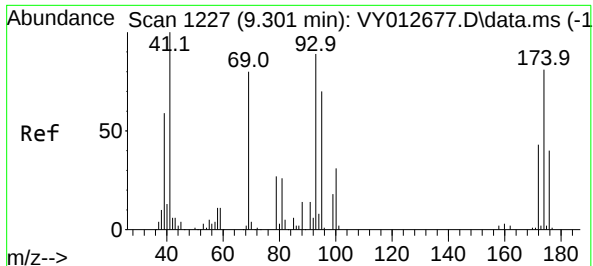
Tgt Ion: 83	Resp:	9652	
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.9	76.3
127	7.7	7.1	10.7



#48
Methyl methacrylate
Concen: 4.576 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 41	Resp:	5044	
Ion	Ratio	Lower	Upper
41	100		
69	71.4	62.6	93.8
39	58.0	45.1	67.7





#49

1,4-Dioxane

Concen: 127.477 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

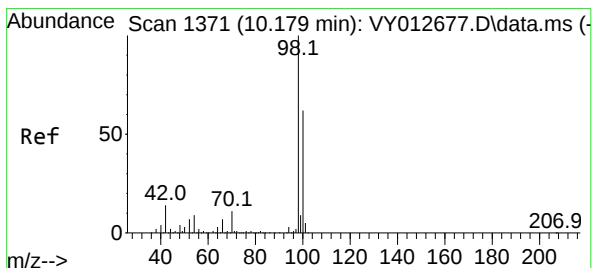
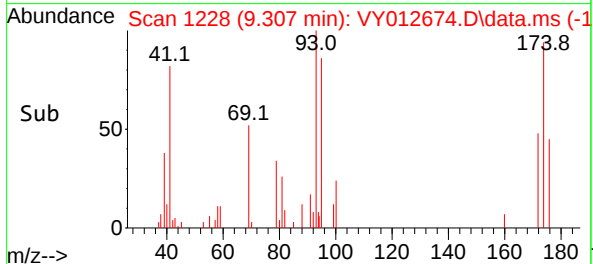
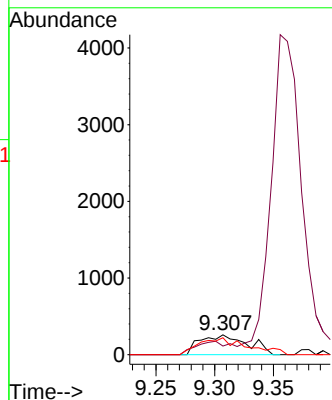
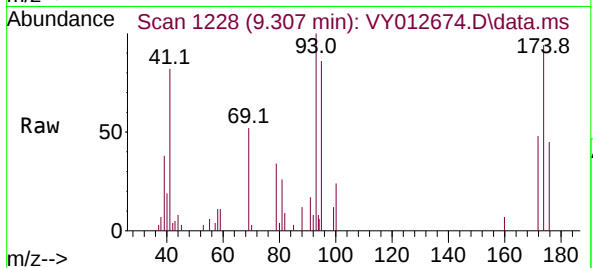
Tgt Ion: 88 Resp: 720

Ion Ratio Lower Upper

88 100

43 51.1 23.1 34.7#

58 86.9 45.8 68.8#



#50

Toluene-d8

Concen: 5.120 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012674.D

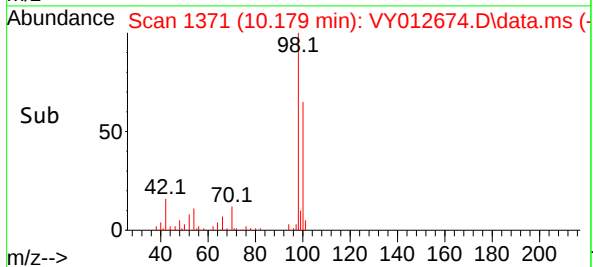
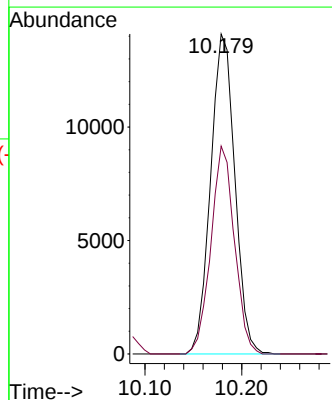
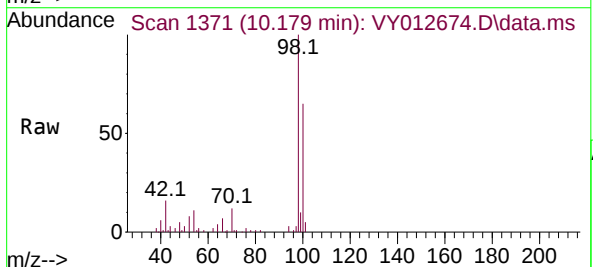
Acq: 21 Feb 2023 15:12

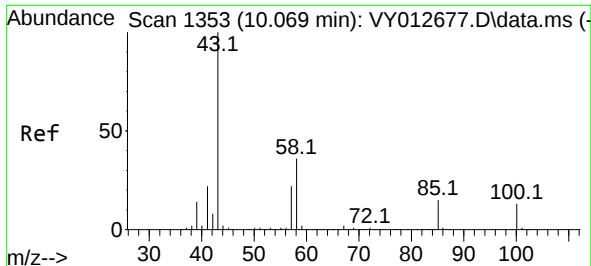
Tgt Ion: 98 Resp: 24514

Ion Ratio Lower Upper

98 100

100 63.1 51.2 76.8

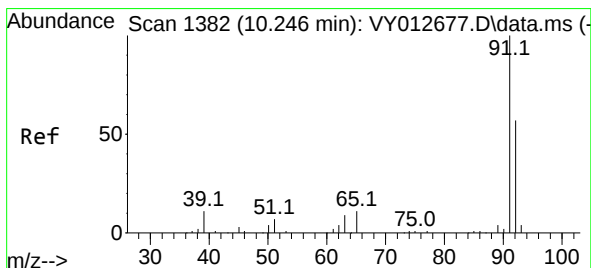
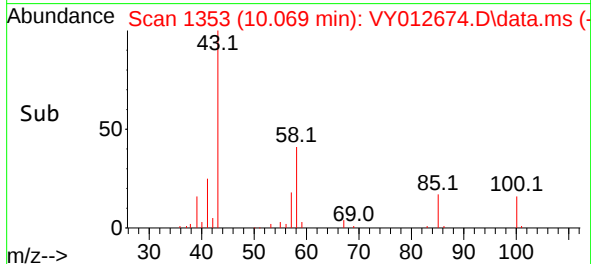
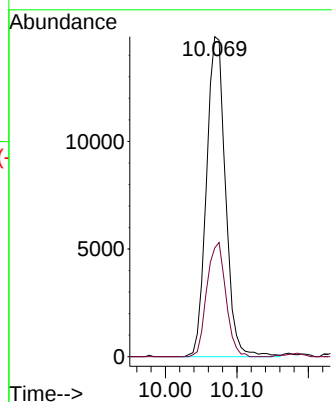
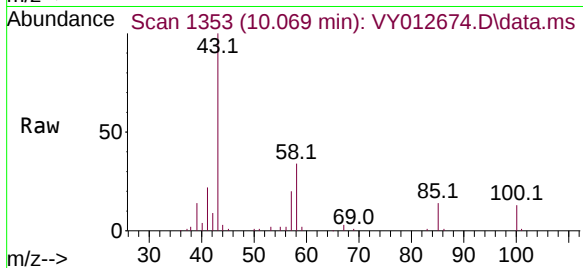




#51
4-Methyl-2-Pentanone
Concen: 21.538 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

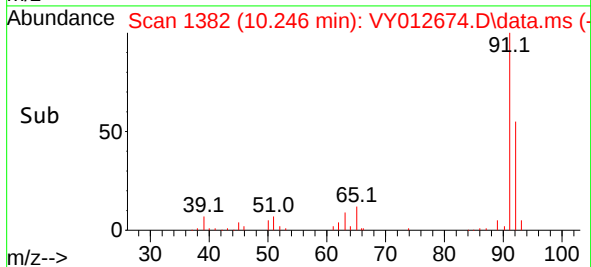
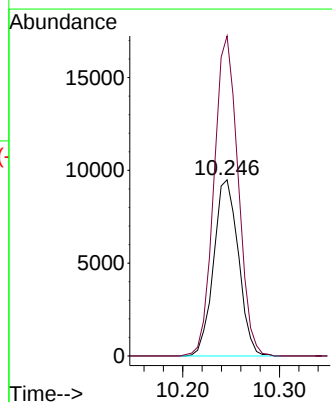
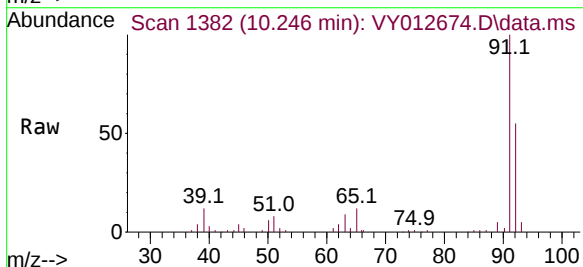
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

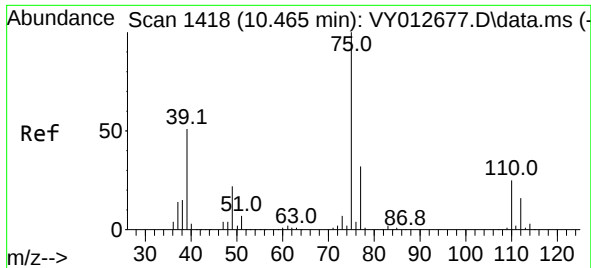
Tgt Ion: 43 Resp: 27441
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2



#52
Toluene
Concen: 5.027 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 92 Resp: 16842
Ion Ratio Lower Upper
92 100
91 177.1 139.5 209.3

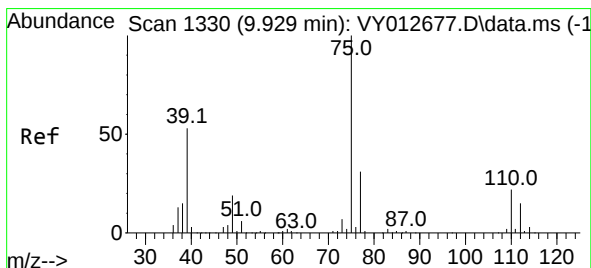
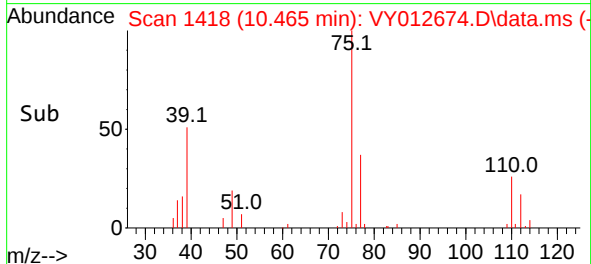
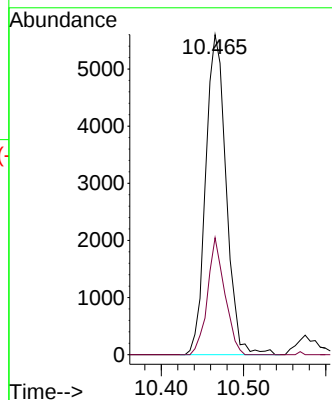
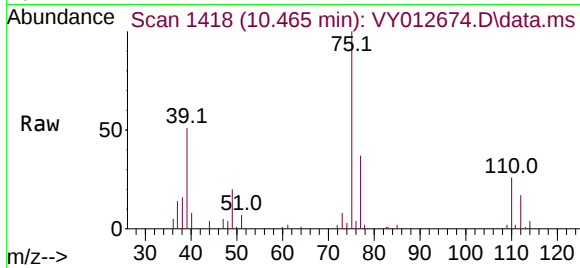




#53
 t-1,3-Dichloropropene
 Concen: 4.796 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012674.D
 Acq: 21 Feb 2023 15:12

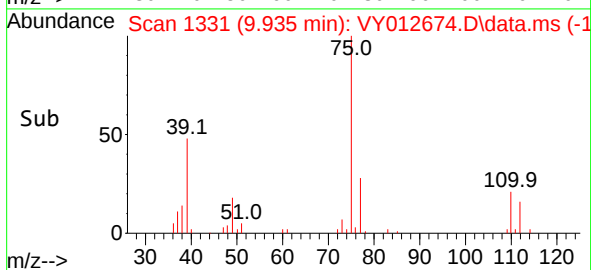
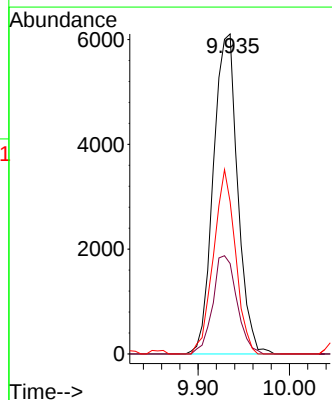
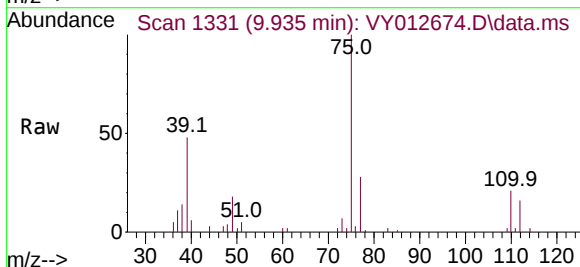
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

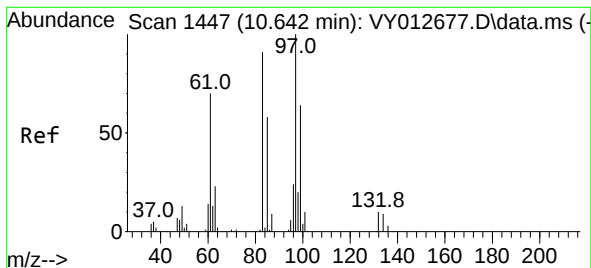
Tgt Ion: 75 Resp: 9687
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.944 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY012674.D
 Acq: 21 Feb 2023 15:12

Tgt Ion: 75 Resp: 11300
 Ion Ratio Lower Upper
 75 100
 77 28.3 24.9 37.3
 39 47.6 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 5.110 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 5572

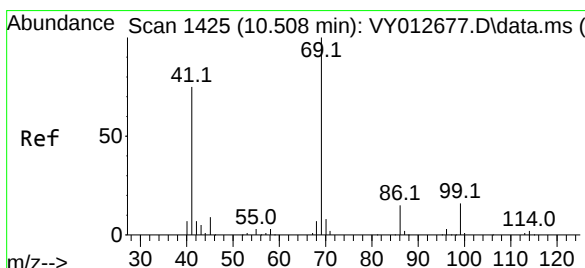
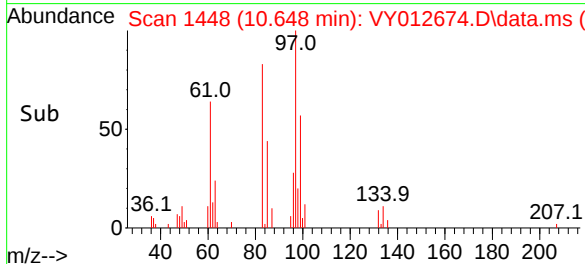
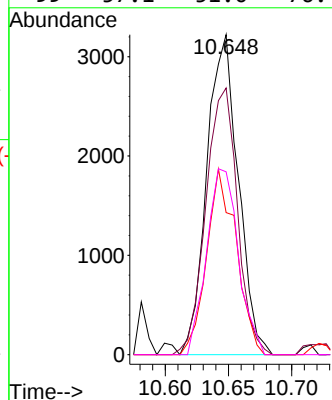
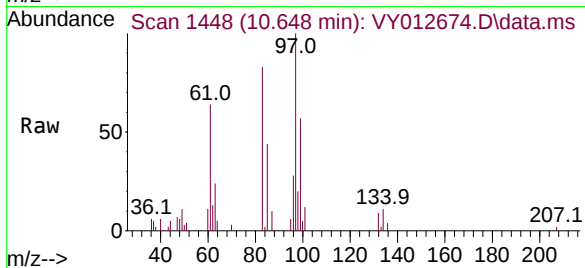
Ion Ratio Lower Upper

97 100

83 83.4 73.1 109.7

85 44.4 46.1 69.1#

99 57.1 51.0 76.4



#56

Ethyl methacrylate

Concen: 4.172 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

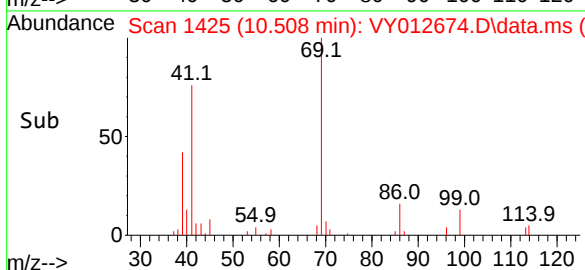
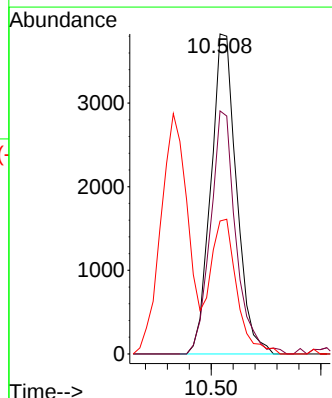
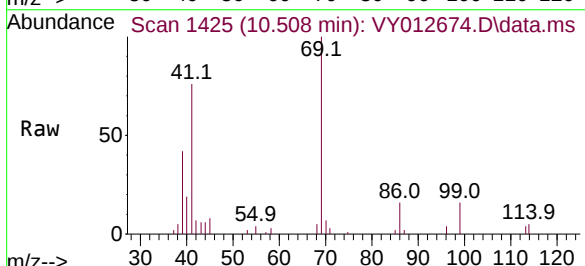
Tgt Ion: 69 Resp: 6213

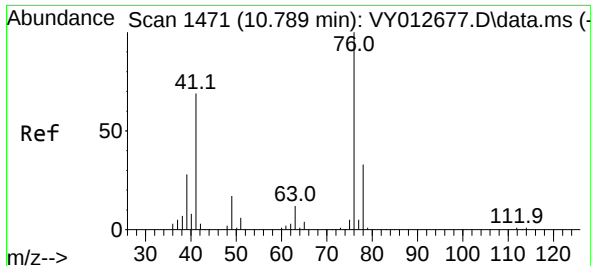
Ion Ratio Lower Upper

69 100

41 75.4 60.2 90.4

39 43.1 32.4 48.6

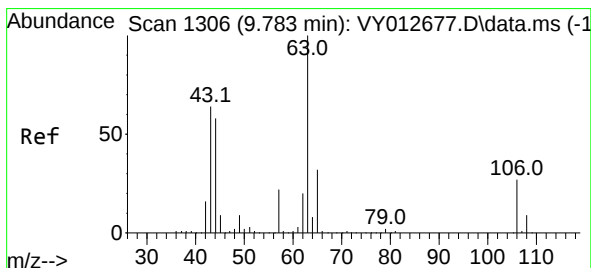
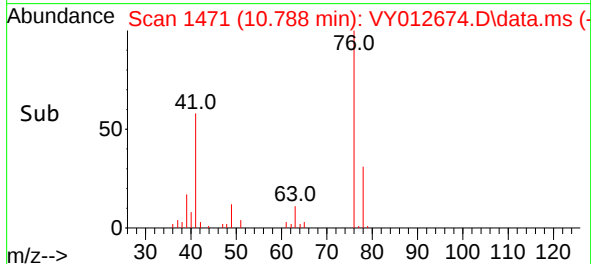
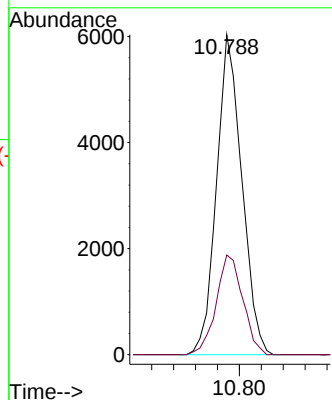
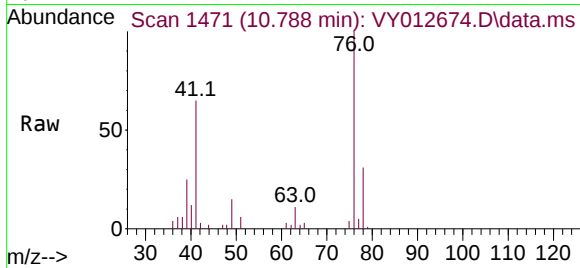




#57
1,3-Dichloropropane
Concen: 5.041 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

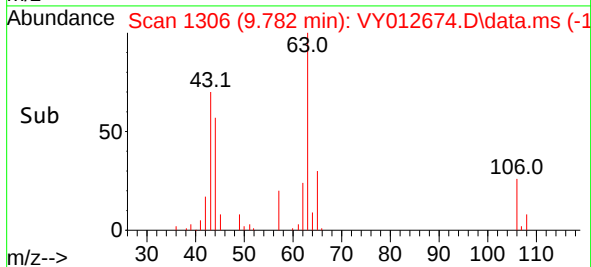
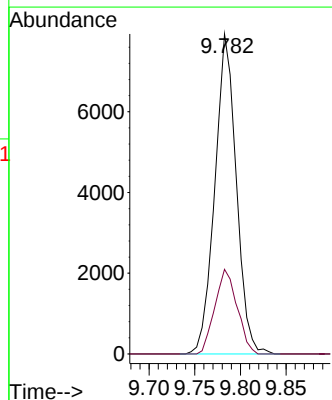
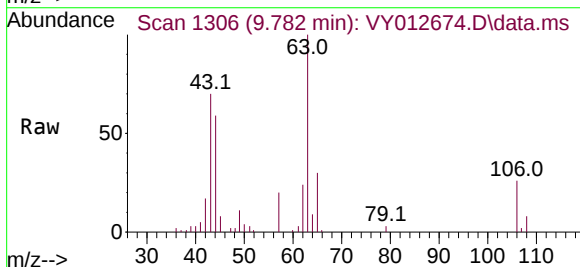
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

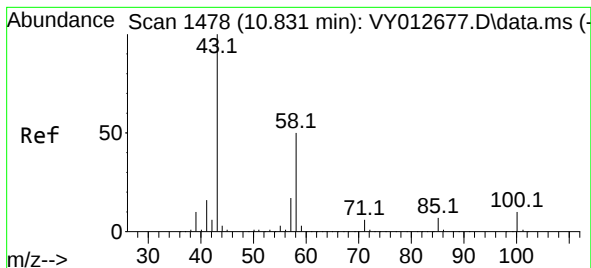
Tgt Ion: 76 Resp: 9661
Ion Ratio Lower Upper
76 100
78 32.8 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 11.875 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 63 Resp: 12939
Ion Ratio Lower Upper
63 100
106 27.4 21.0 31.6





#59

2-Hexanone

Concen: 20.722 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

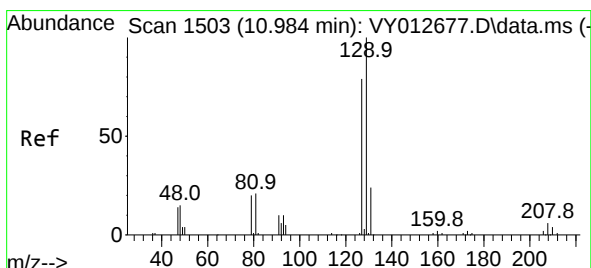
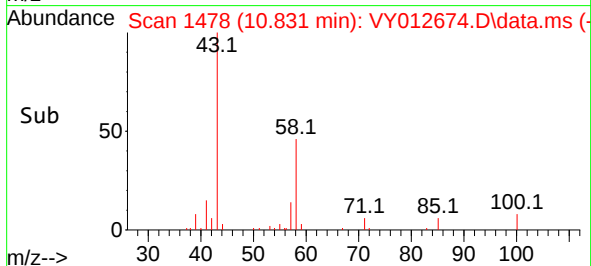
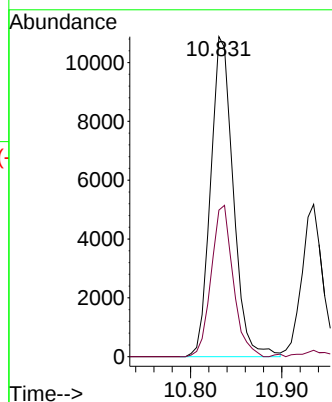
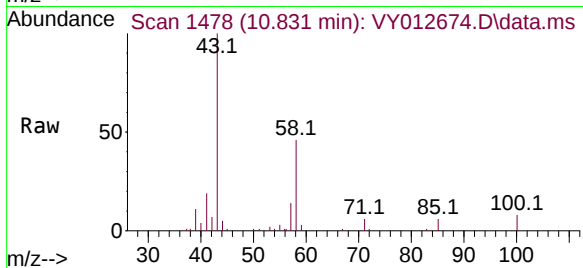
VSTDIC005

Tgt Ion: 43 Resp: 18716

Ion Ratio Lower Upper

43 100

58 45.8 24.9 74.6



#60

Dibromochloromethane

Concen: 4.943 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY012674.D

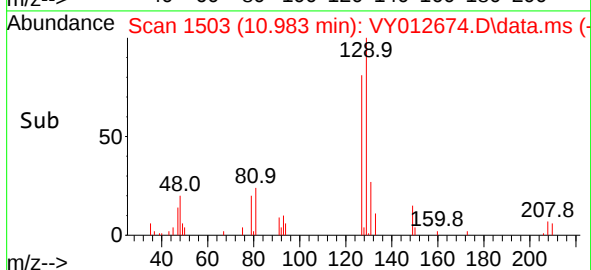
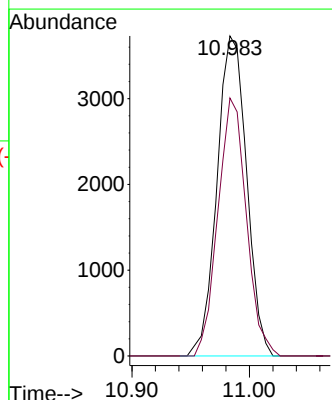
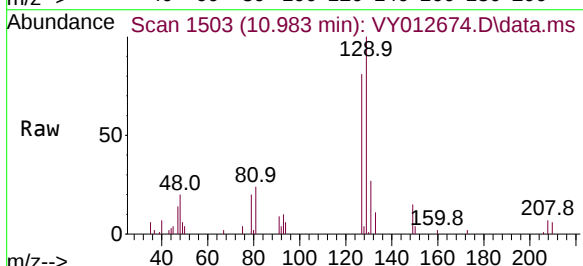
Acq: 21 Feb 2023 15:12

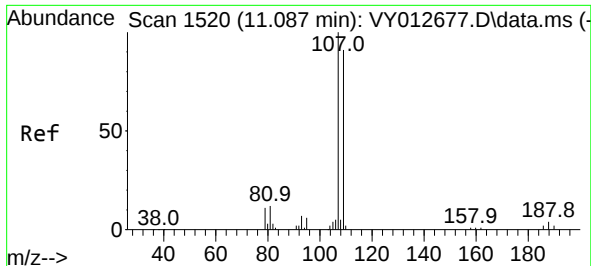
Tgt Ion: 129 Resp: 6531

Ion Ratio Lower Upper

129 100

127 77.3 39.1 117.3

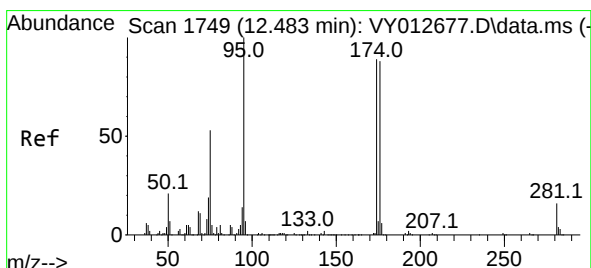
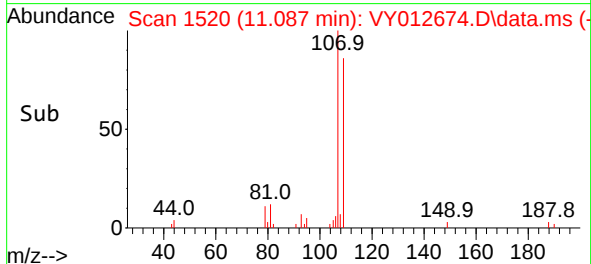
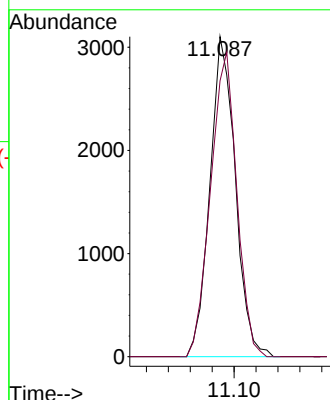
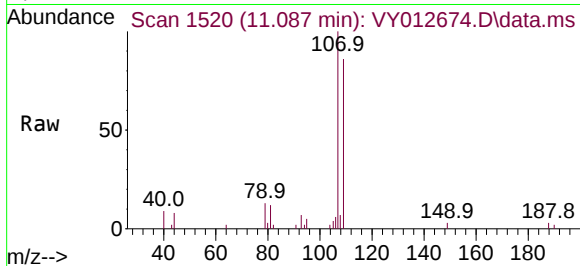




#61
1,2-Dibromoethane
Concen: 4.782 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

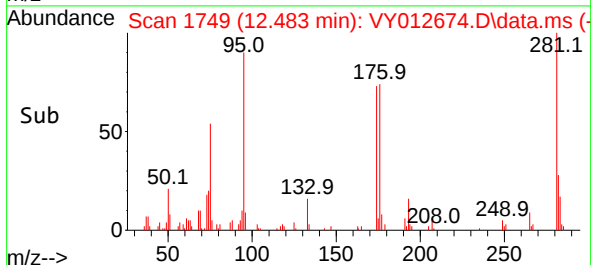
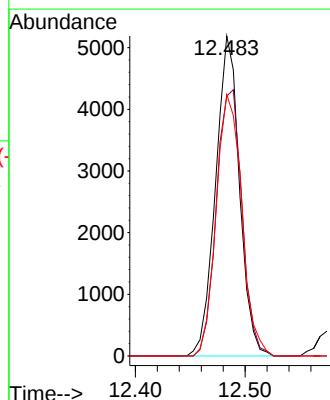
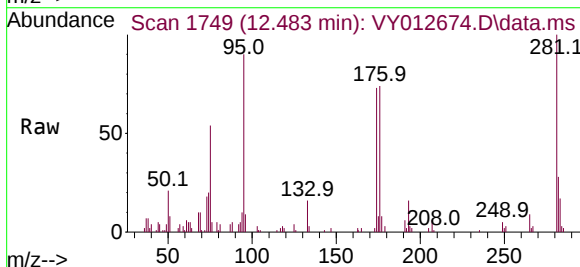
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

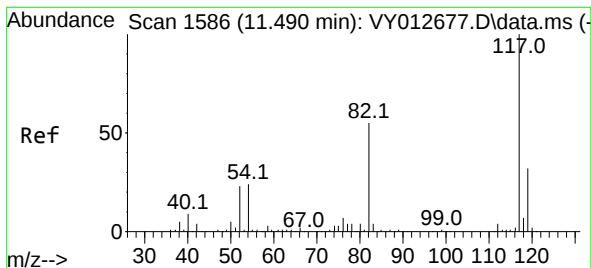
Tgt Ion:107 Resp: 4996
Ion Ratio Lower Upper
107 100
109 98.1 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 5.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 95 Resp: 7854
Ion Ratio Lower Upper
95 100
174 89.2 0.0 172.8
176 87.8 0.0 169.4

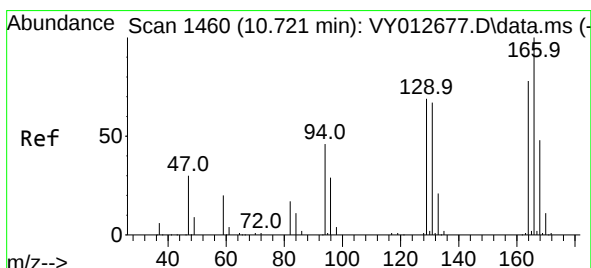
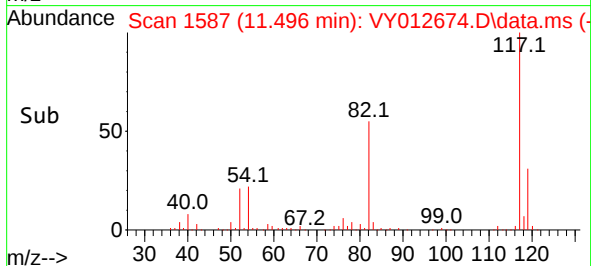
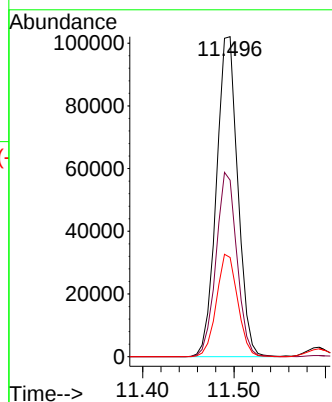
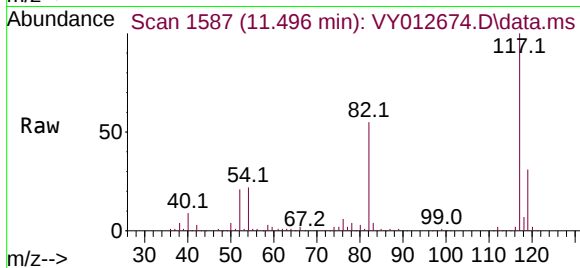




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

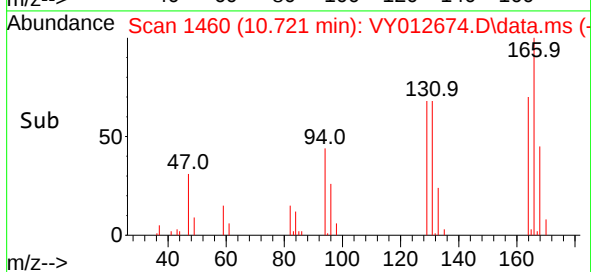
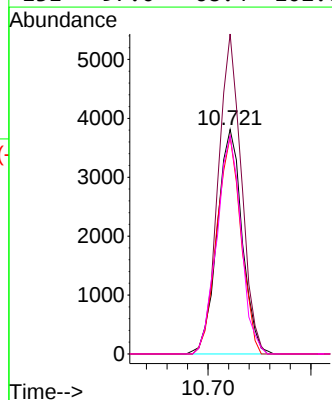
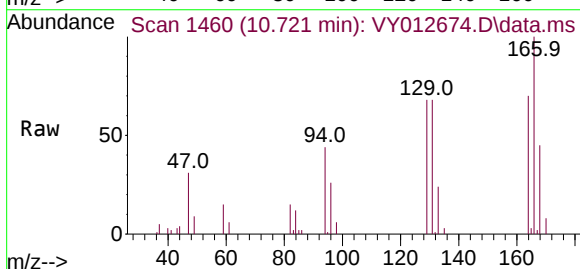
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

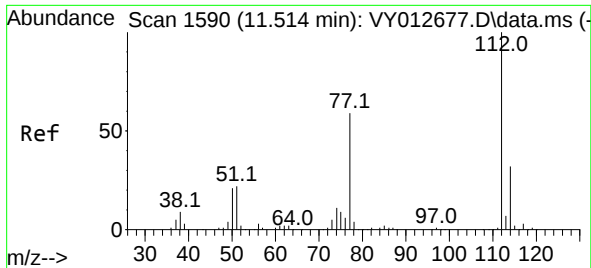
Tgt Ion:117 Resp: 165895
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 31.0 25.5 38.3



#64
Tetrachloroethene
Concen: 5.338 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion:164 Resp: 6441
Ion Ratio Lower Upper
164 100
166 142.6 102.2 153.4
129 96.9 71.0 106.6
131 97.0 68.4 102.6

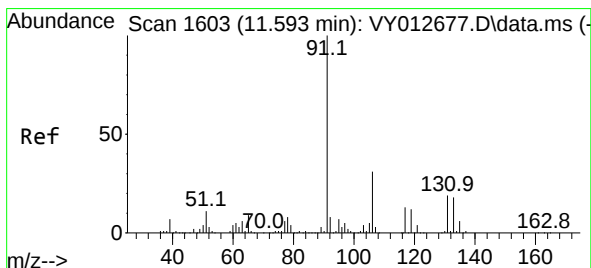
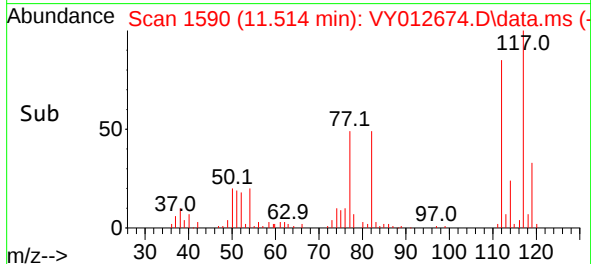
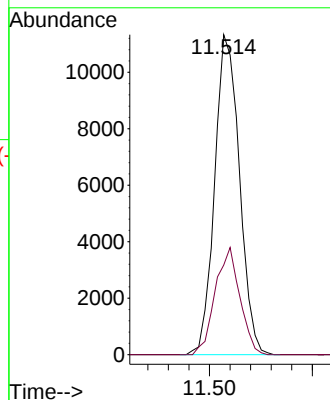
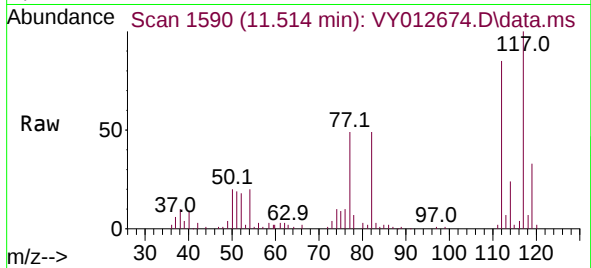




#65
Chlorobenzene
Concen: 5.316 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

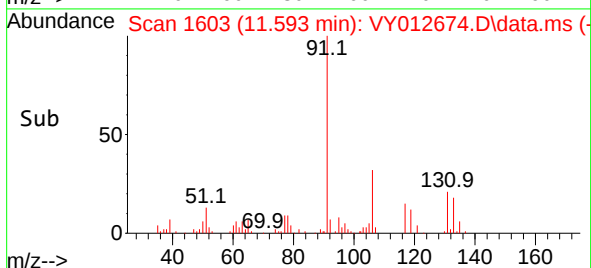
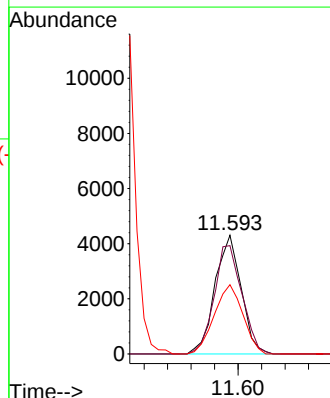
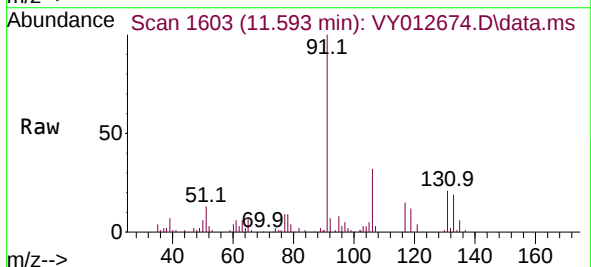
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

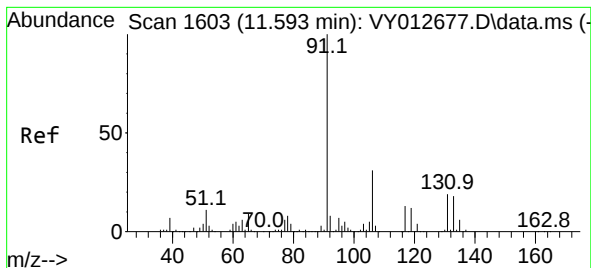
Tgt Ion:112 Resp: 18913
Ion Ratio Lower Upper
112 100
114 28.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.048 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion:131 Resp: 6655
Ion Ratio Lower Upper
131 100
133 97.3 47.1 141.3
119 63.9 32.4 97.2





#67

Ethyl Benzene

Concen: 5.075 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

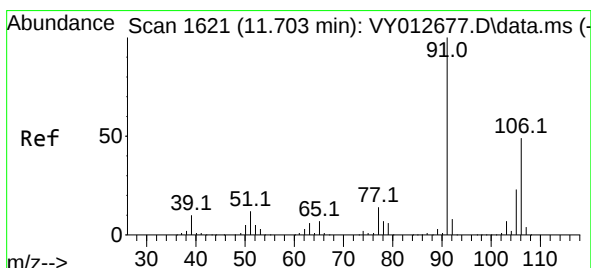
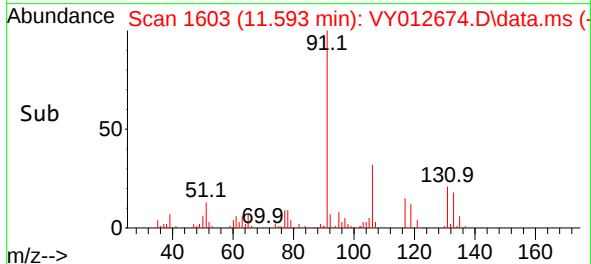
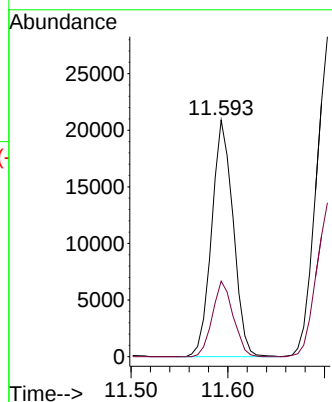
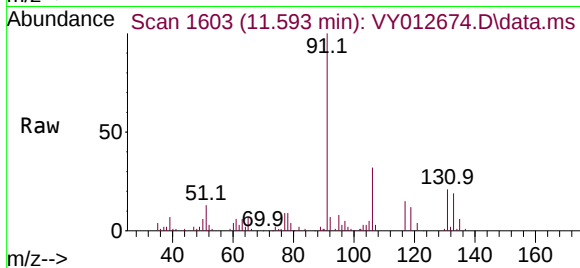
VSTDIC005

Tgt Ion: 91 Resp: 32269

Ion Ratio Lower Upper

91 100

106 31.9 25.2 37.8



#68

m/p-Xylenes

Concen: 10.123 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012674.D

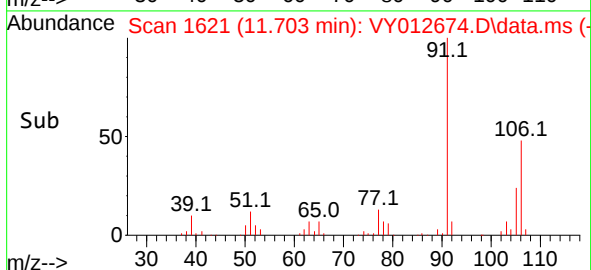
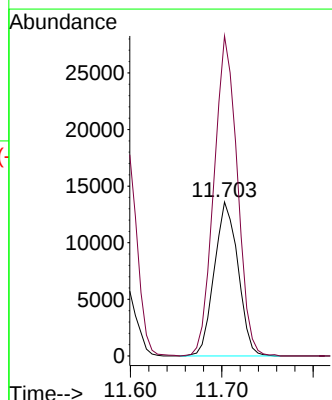
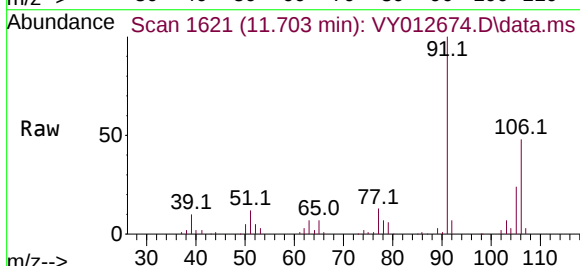
Acq: 21 Feb 2023 15:12

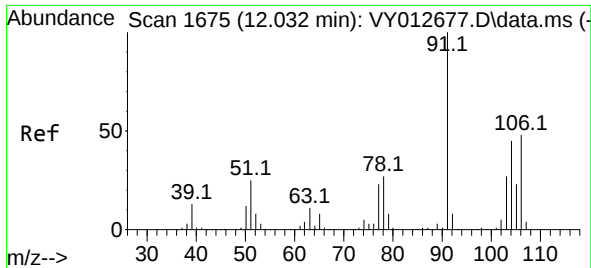
Tgt Ion:106 Resp: 24556

Ion Ratio Lower Upper

106 100

91 204.6 163.2 244.8

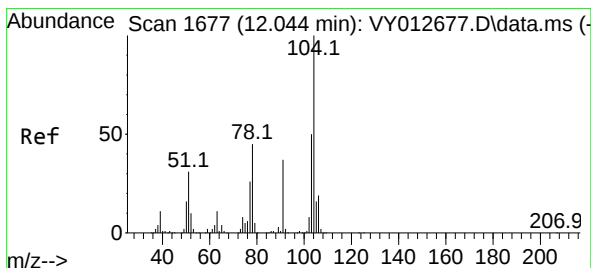
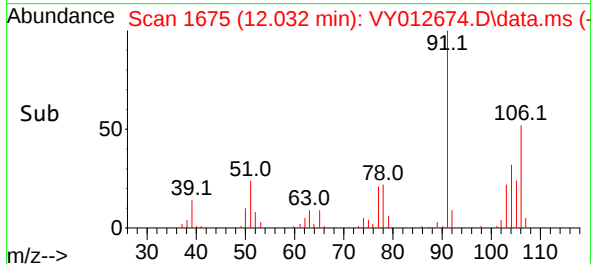
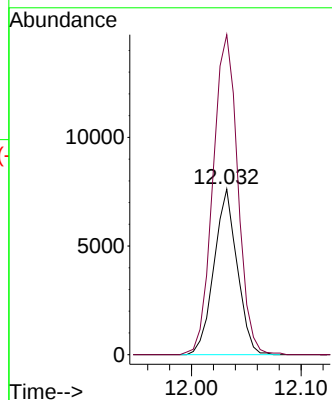
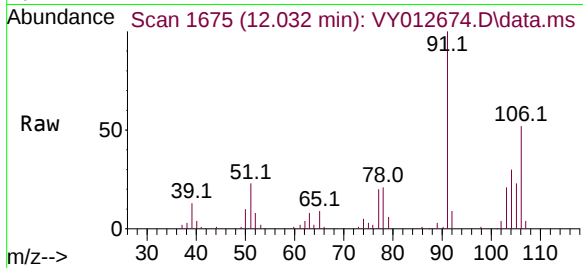




#69
o-Xylene
Concen: 4.984 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

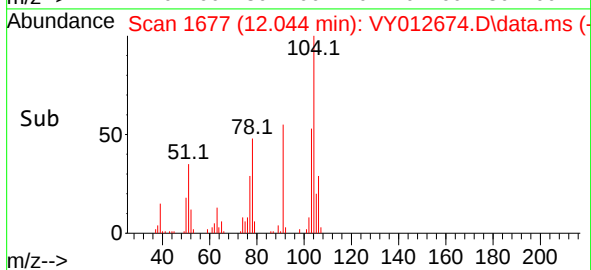
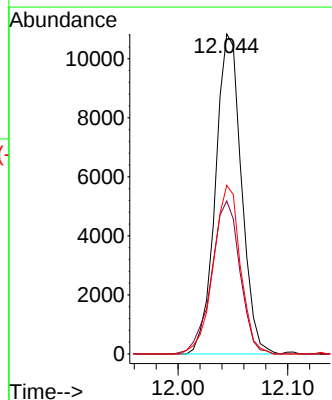
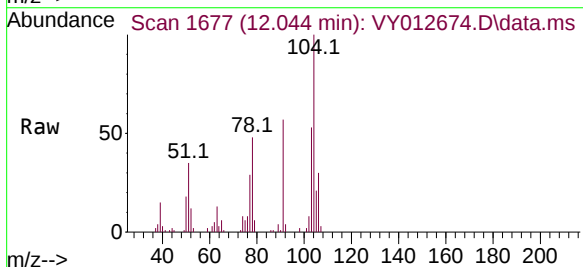
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

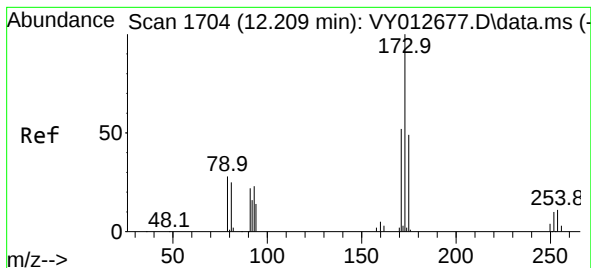
Tgt Ion:106 Resp: 11198
Ion Ratio Lower Upper
106 100
91 207.2 106.3 319.0



#70
Styrene
Concen: 4.739 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion:104 Resp: 17847
Ion Ratio Lower Upper
104 100
78 52.2 40.6 61.0
103 54.7 44.1 66.1





#71

Bromoform

Concen: 4.705 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

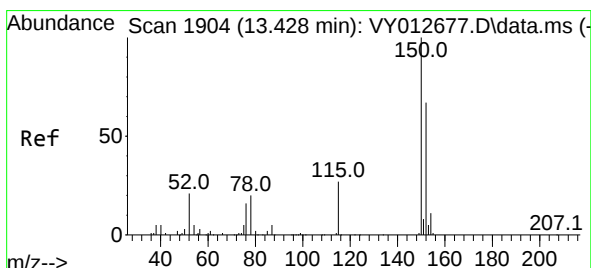
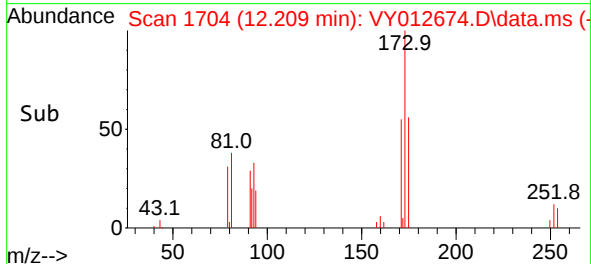
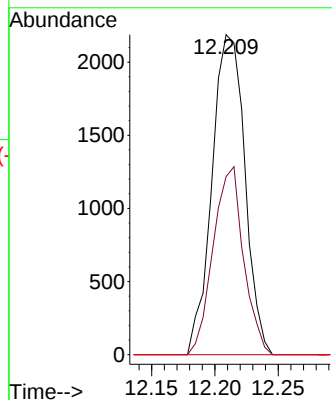
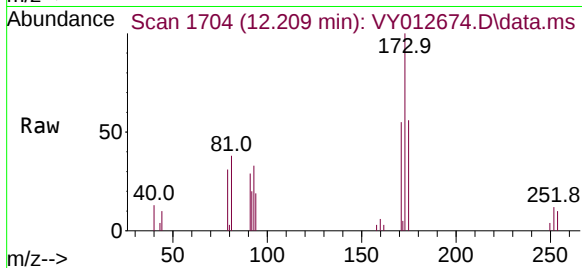
Tgt Ion:173 Resp: 3958

Ion Ratio Lower Upper

173 100

175 54.2 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

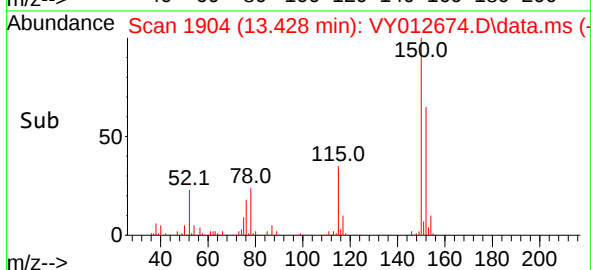
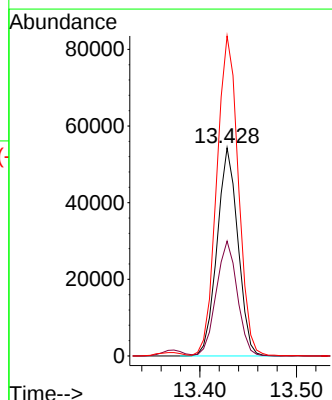
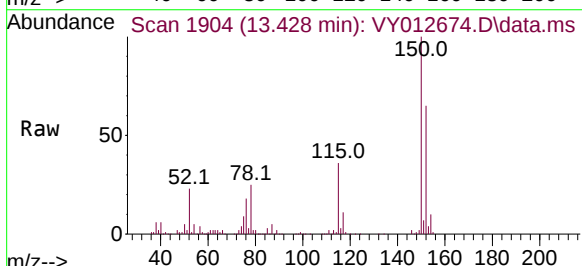
Tgt Ion:152 Resp: 80982

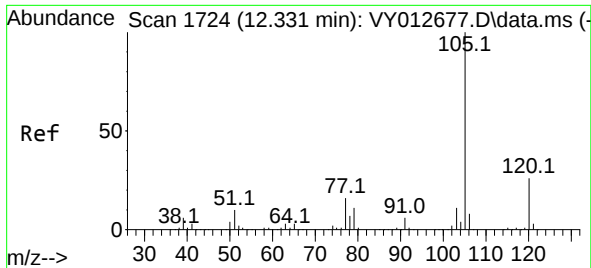
Ion Ratio Lower Upper

152 100

115 55.9 28.7 86.3

150 159.8 0.0 347.6

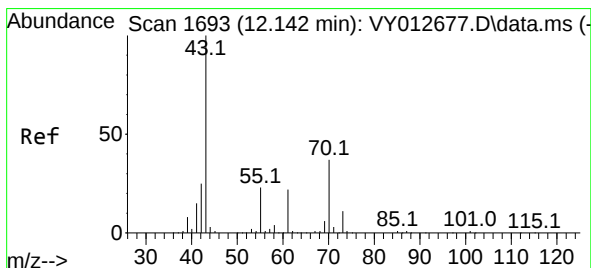
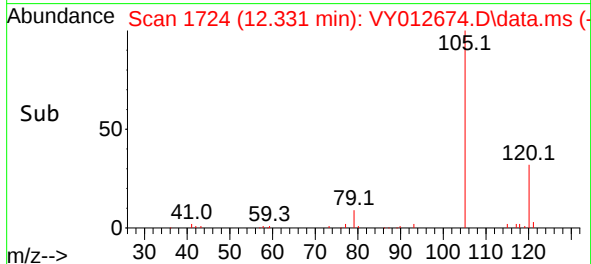
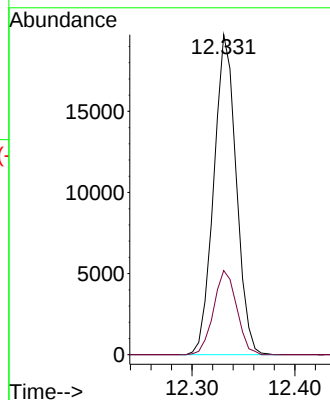
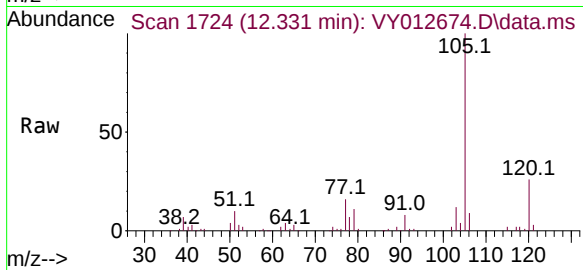




#73
Isopropylbenzene
Concen: 5.012 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

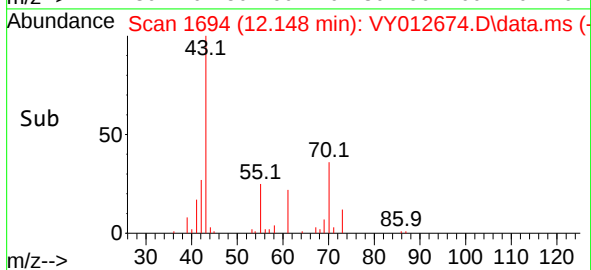
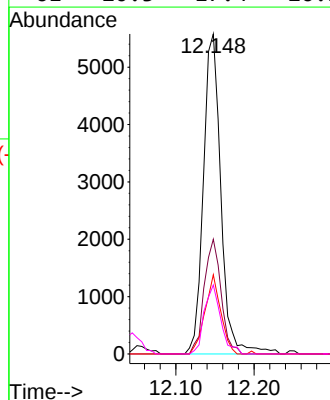
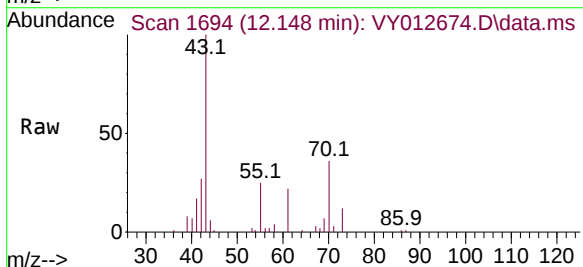
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

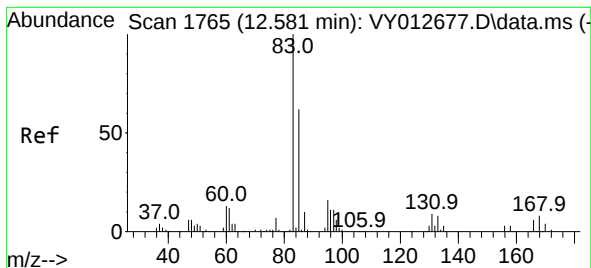
Tgt Ion:105 Resp: 29993
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.5



#74
N-ethyl acetate
Concen: 4.404 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 43 Resp: 8663
Ion Ratio Lower Upper
43 100
70 34.5 29.8 44.6
55 22.4 18.2 27.2
61 20.3 17.4 26.2





#75

1,1,2-Tetrachloroethane

Concen: 4.971 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

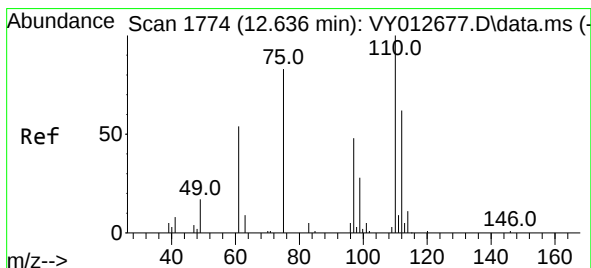
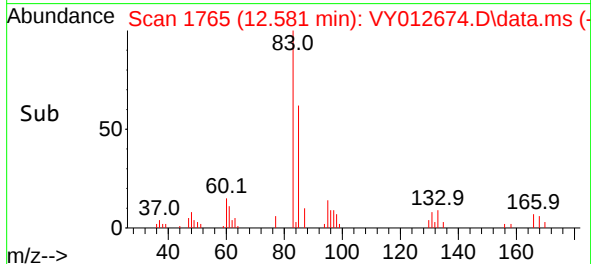
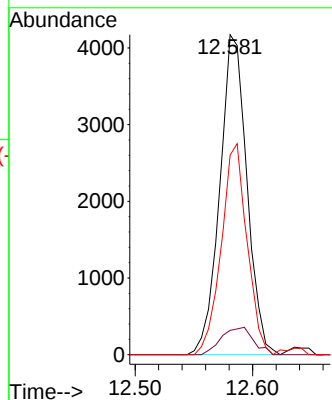
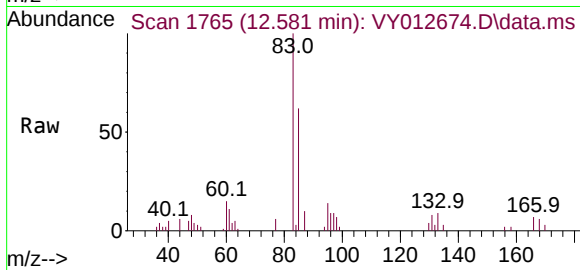
Tgt Ion: 83 Resp: 6689

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 62.5 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 8.167 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY012674.D

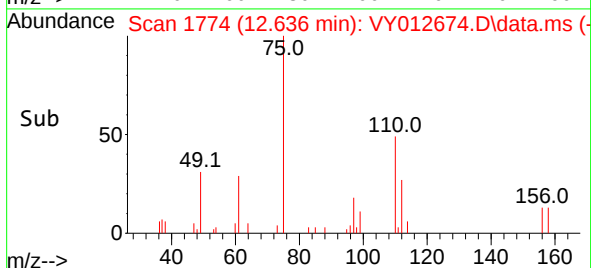
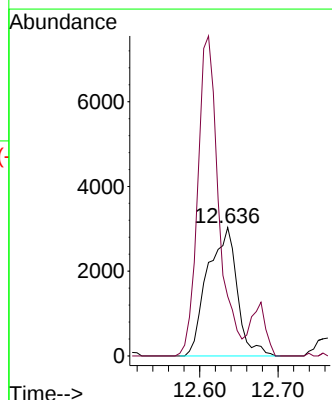
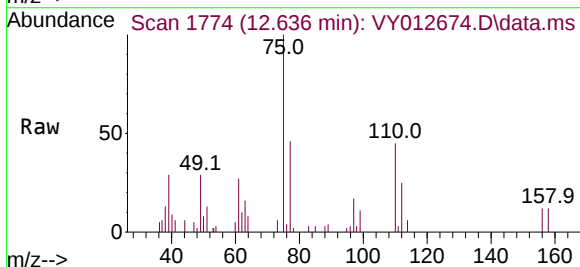
Acq: 21 Feb 2023 15:12

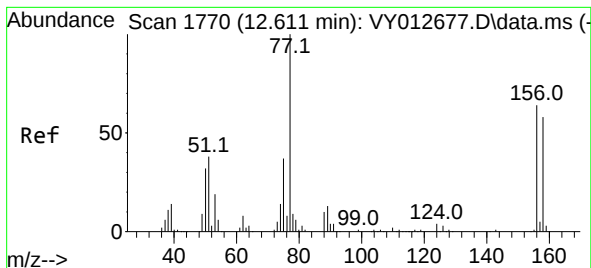
Tgt Ion: 75 Resp: 7972

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.043 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

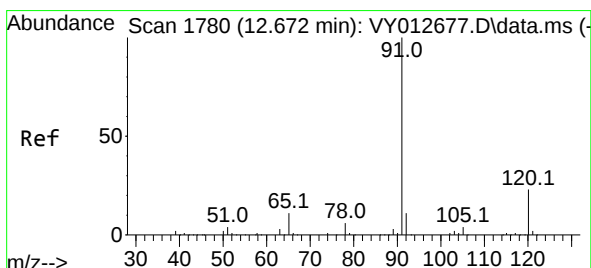
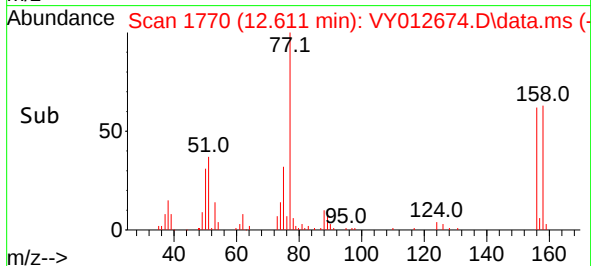
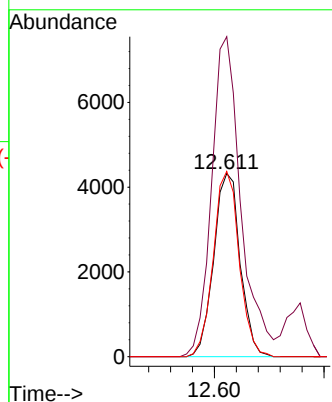
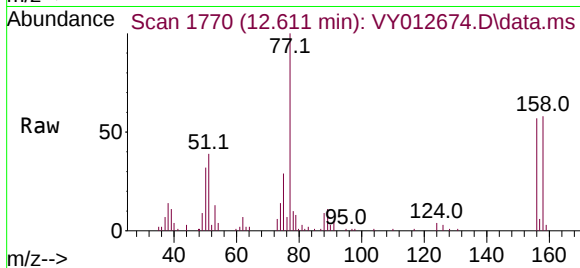
Tgt Ion:156 Resp: 7231

Ion Ratio Lower Upper

156 100

77 193.7 96.3 288.8

158 99.2 48.5 145.6



#78

n-propylbenzene

Concen: 5.217 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012674.D

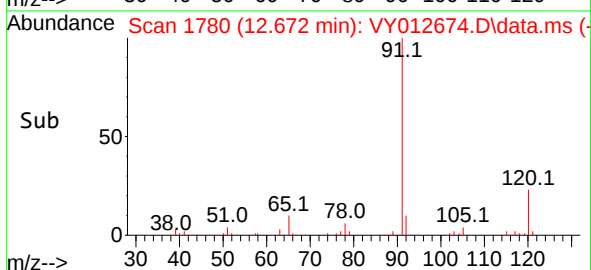
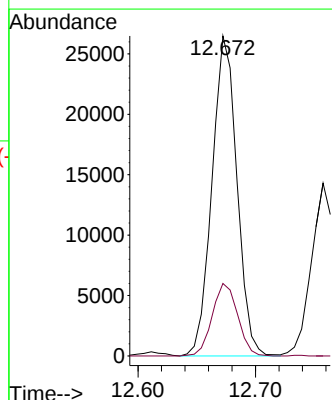
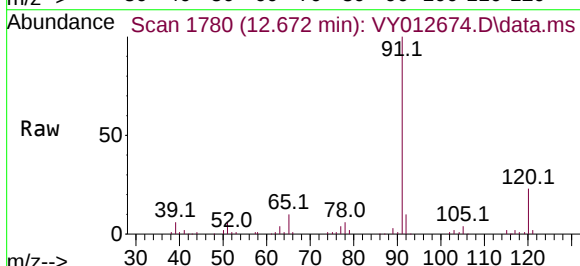
Acq: 21 Feb 2023 15:12

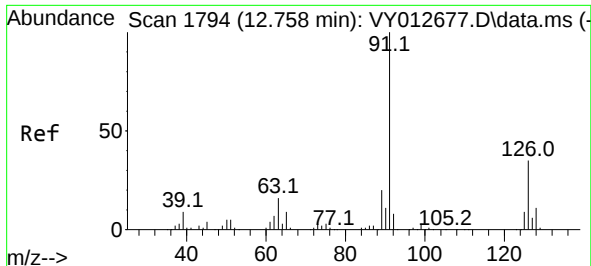
Tgt Ion: 91 Resp: 39049

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.8

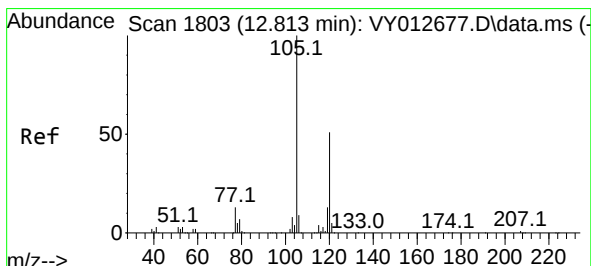
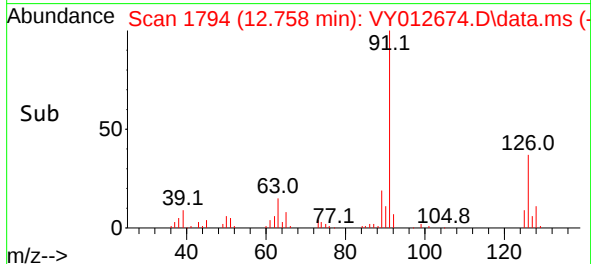
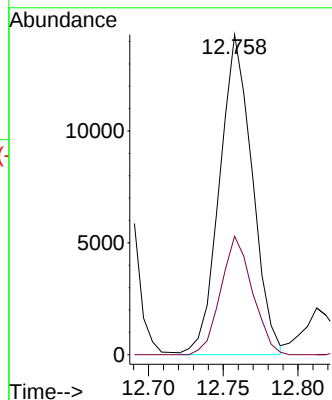
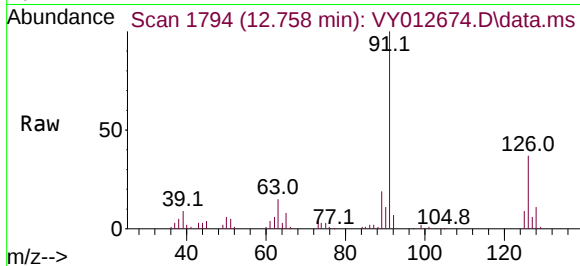




#79
2-Chlorotoluene
Concen: 5.221 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

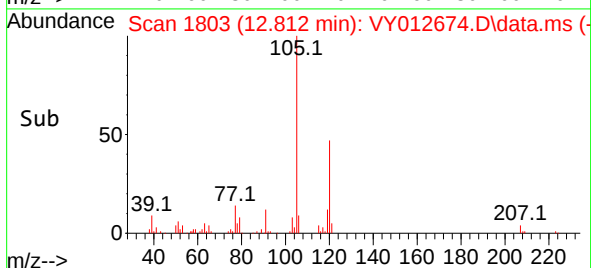
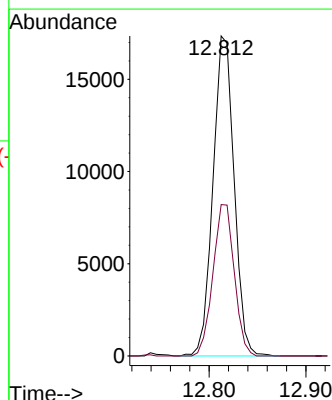
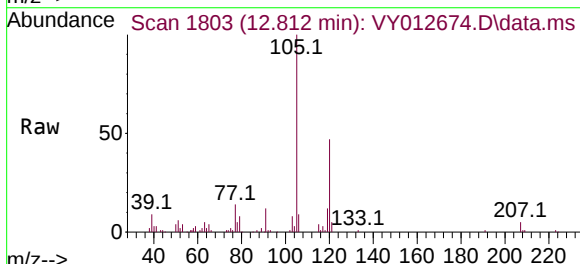
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

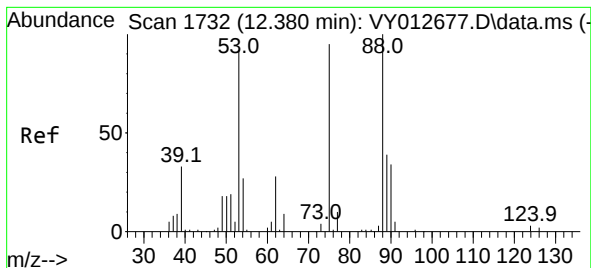
Tgt Ion: 91 Resp: 21711
Ion Ratio Lower Upper
91 100
126 35.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 5.266 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 105 Resp: 26324
Ion Ratio Lower Upper
105 100
120 47.6 24.7 74.1

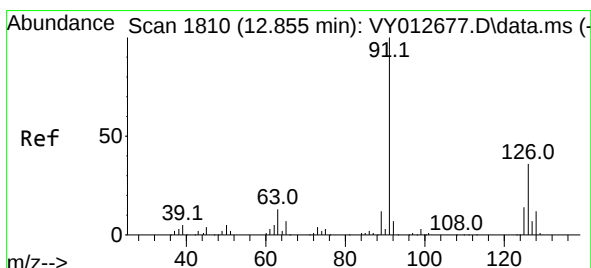
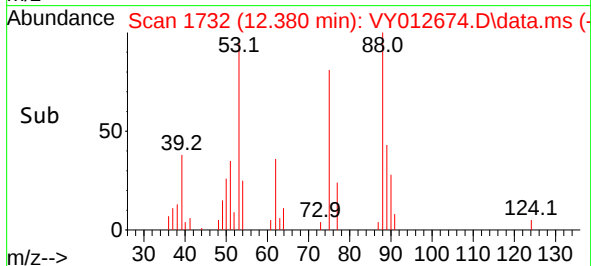
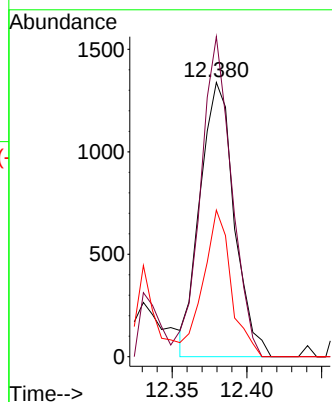
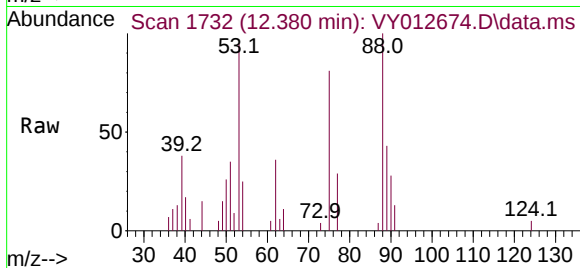




#81
trans-1,4-Dichloro-2-butene
Concen: 4.459 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

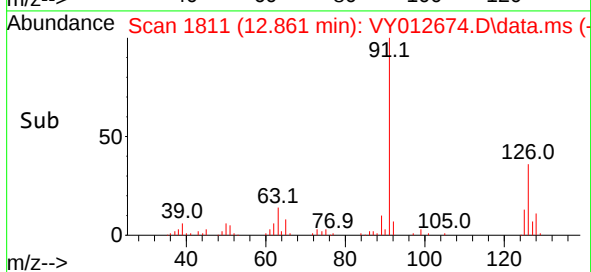
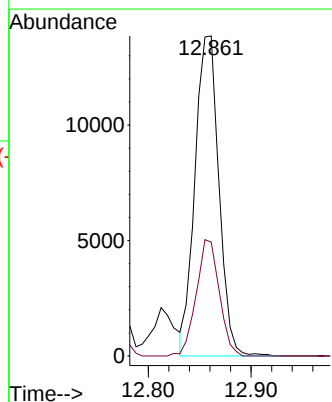
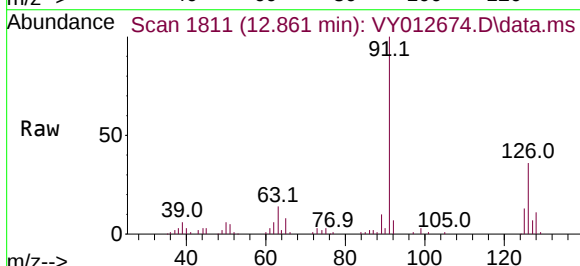
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

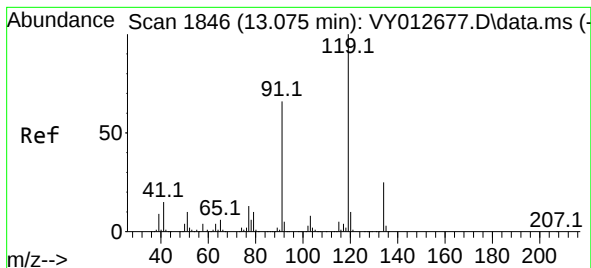
Tgt Ion: 75 Resp: 2125
Ion Ratio Lower Upper
75 100
53 106.2 80.4 120.6
89 43.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 5.206 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 91 Resp: 22452
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.5





#83

tert-Butylbenzene

Concen: 5.080 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

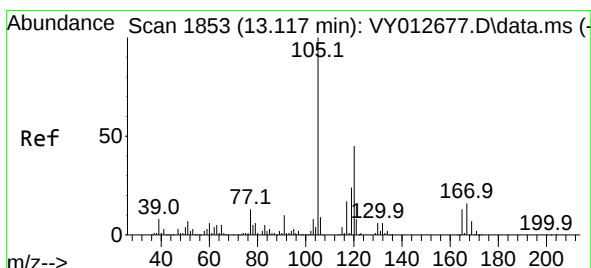
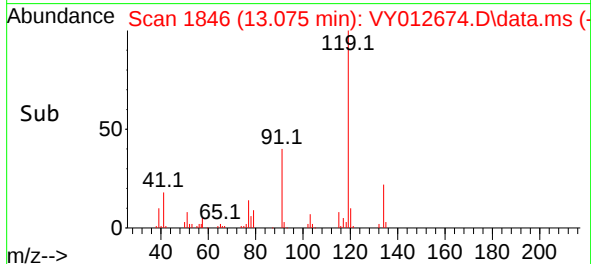
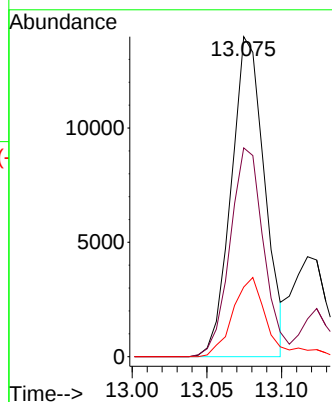
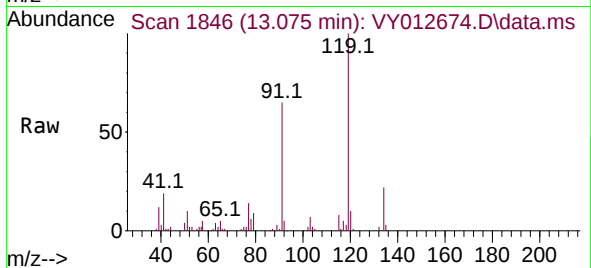
Tgt Ion:119 Resp: 21685

Ion Ratio Lower Upper

119 100

91 66.0 32.4 97.2

134 25.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 5.014 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012674.D

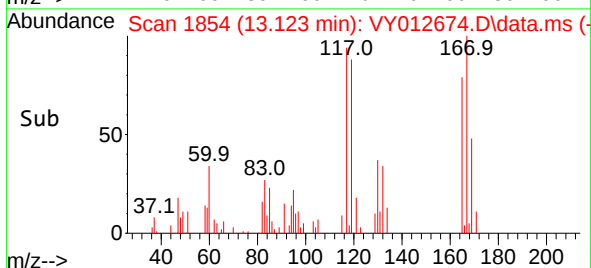
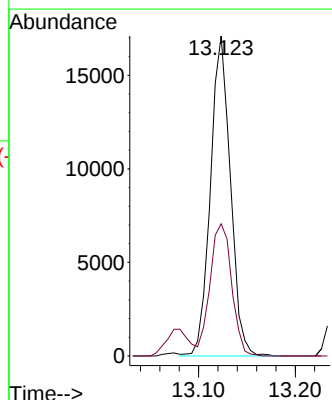
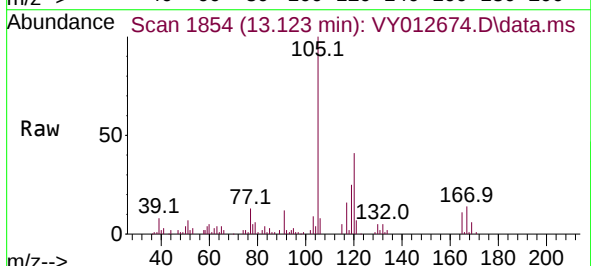
Acq: 21 Feb 2023 15:12

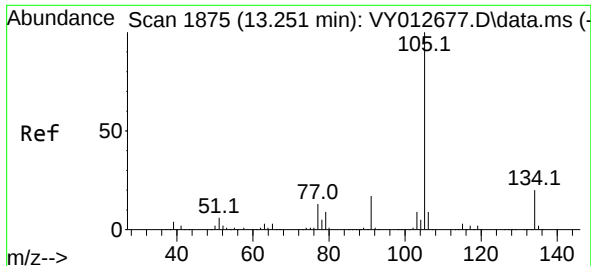
Tgt Ion:105 Resp: 24501

Ion Ratio Lower Upper

105 100

120 44.4 22.7 68.0

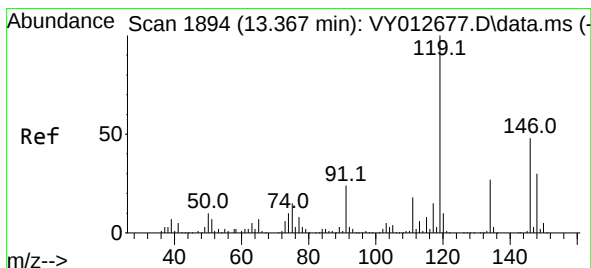
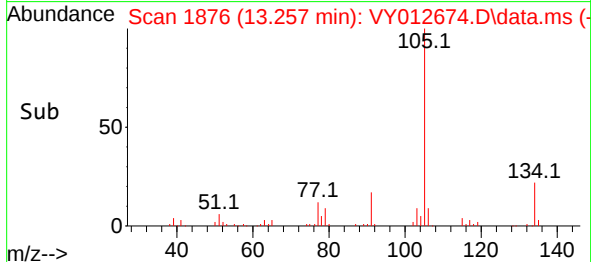
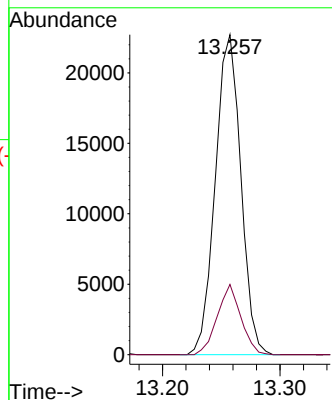
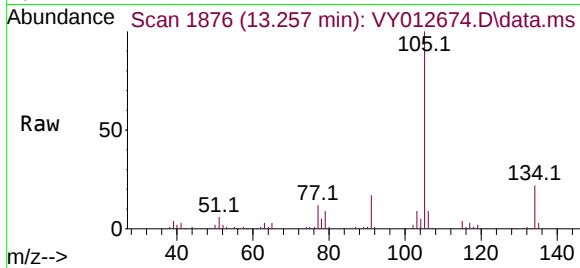




#85
 sec-Butylbenzene
 Concen: 5.280 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012674.D
 Acq: 21 Feb 2023 15:12

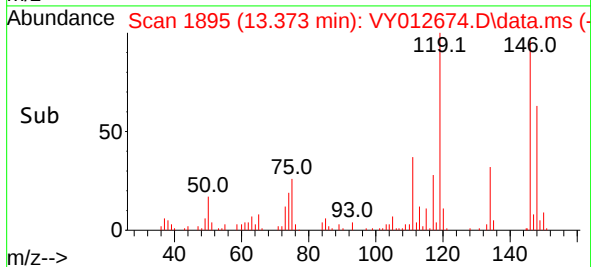
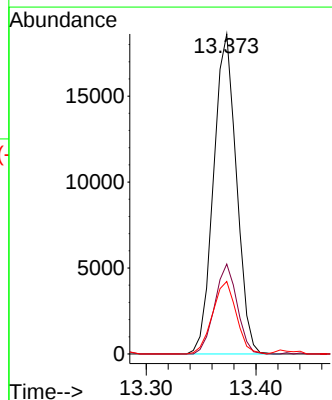
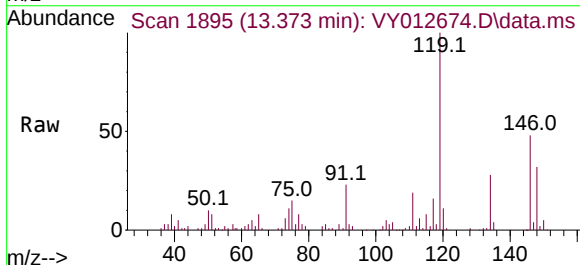
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

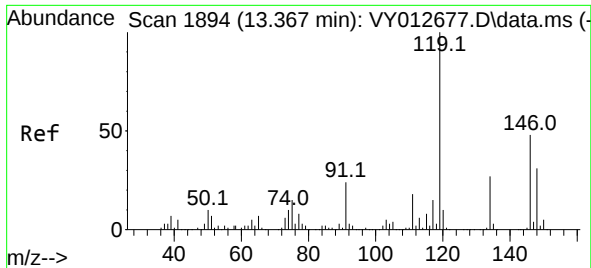
Tgt Ion:105 Resp: 34292
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 5.044 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012674.D
 Acq: 21 Feb 2023 15:12

Tgt Ion:119 Resp: 26982
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.9
 91 23.6 11.9 35.5

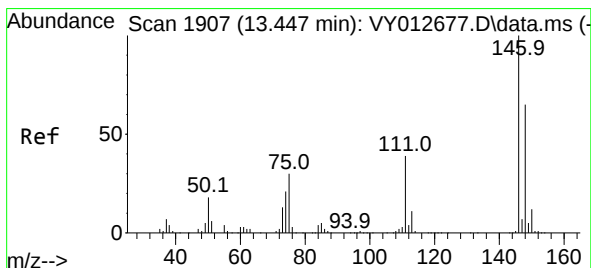
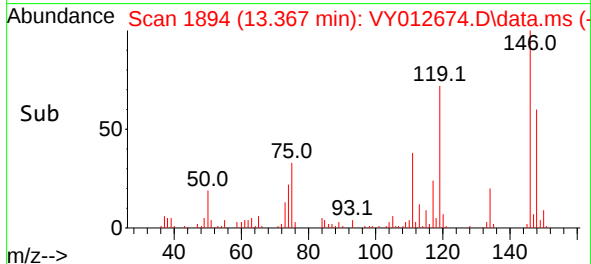
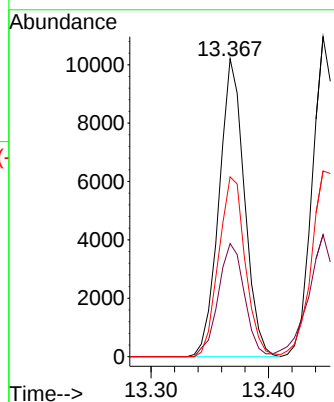
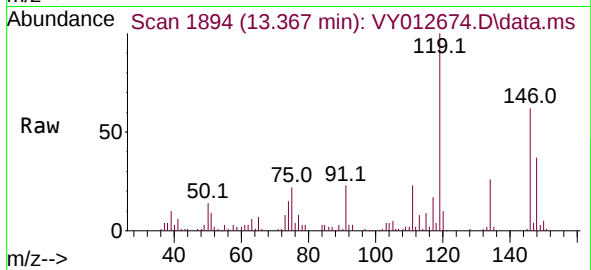




#87
 1,3-Dichlorobenzene
 Concen: 5.455 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012674.D
 Acq: 21 Feb 2023 15:12

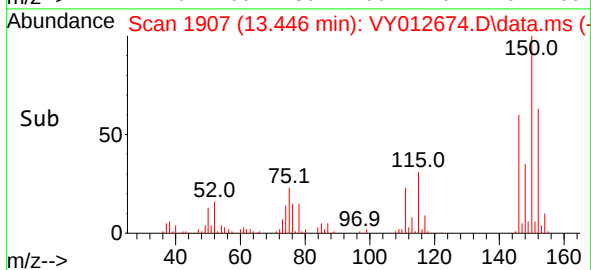
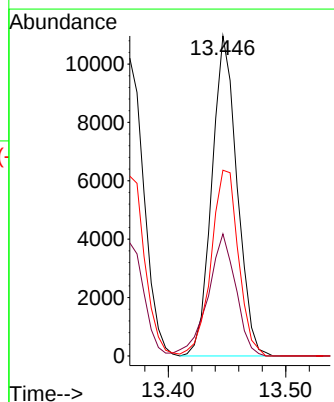
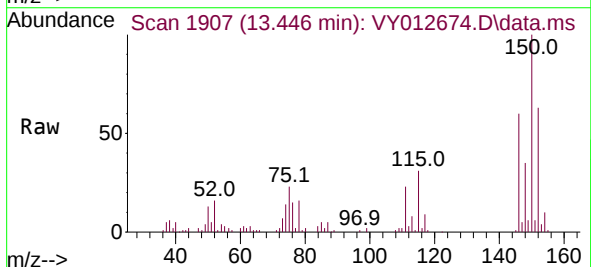
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

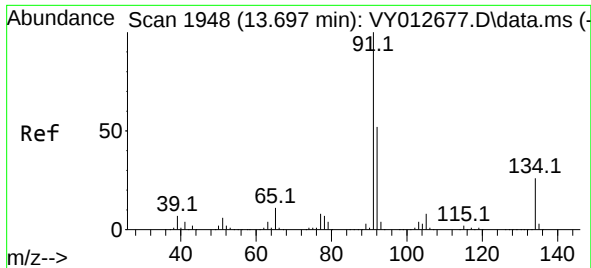
Tgt Ion:146 Resp: 15321
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 63.2 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 5.738 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY012674.D
 Acq: 21 Feb 2023 15:12

Tgt Ion:146 Resp: 16343
 Ion Ratio Lower Upper
 146 100
 111 42.1 19.1 57.3
 148 62.9 32.0 96.0

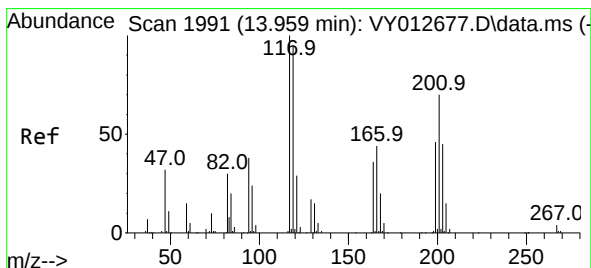
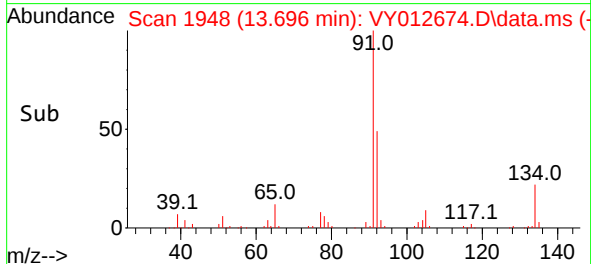
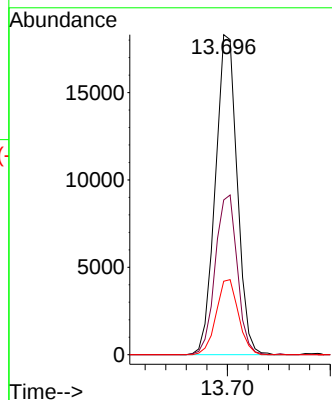
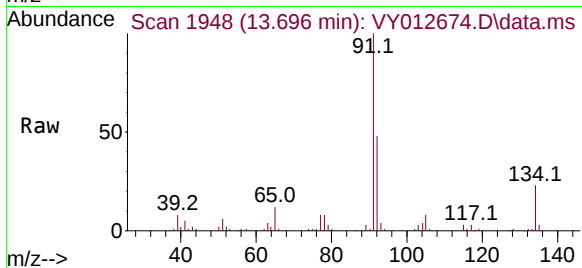




#89
n-Butylbenzene
Concen: 5.251 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

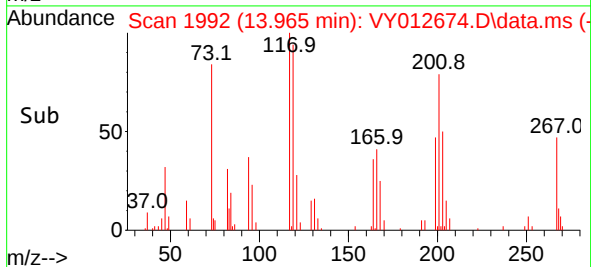
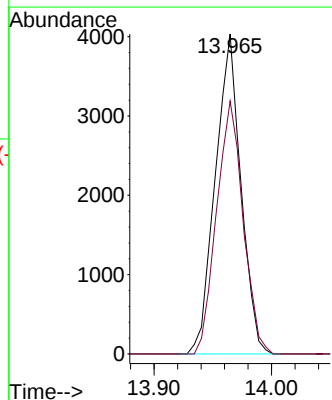
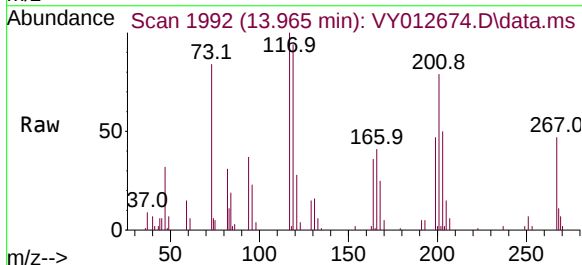
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

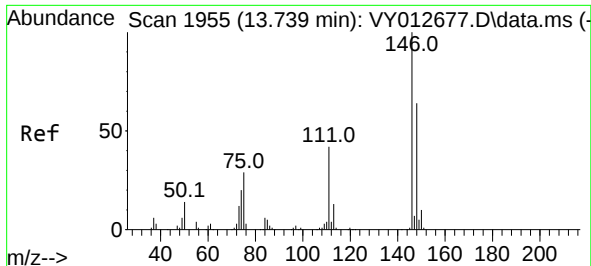
Tgt Ion:	91	Resp:	26901
Ion	Ratio	Lower	Upper
91	100		
92	50.4	26.3	78.8
134	23.9	13.0	38.9



#90
Hexachloroethane
Concen: 5.624 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion:	117	Resp:	6105
Ion	Ratio	Lower	Upper
117	100		
201	81.8	38.3	114.8

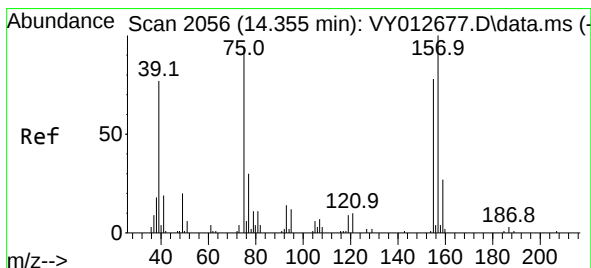
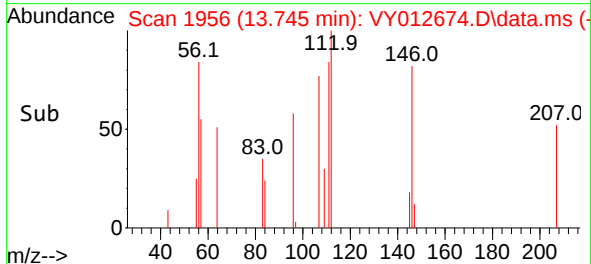
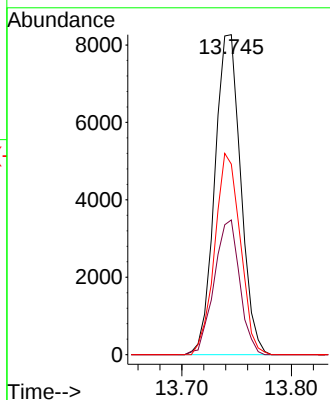
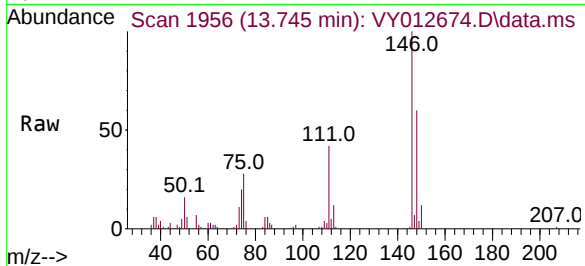




#91
1,2-Dichlorobenzene
Concen: 5.426 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

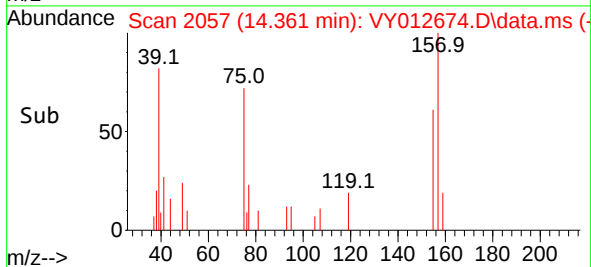
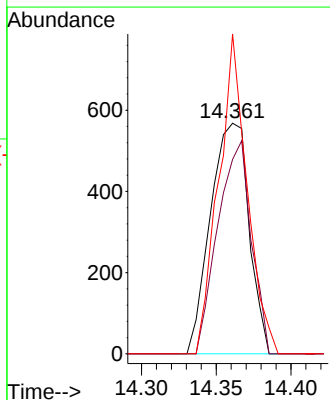
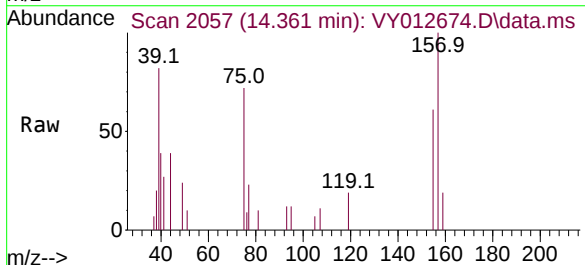
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

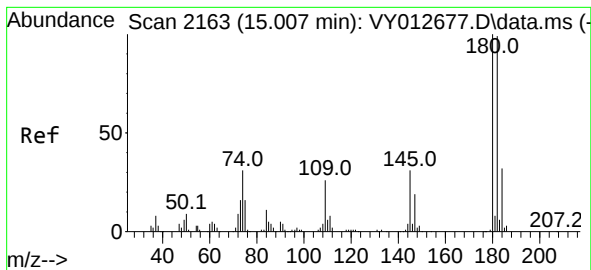
Tgt Ion:146 Resp: 13611
Ion Ratio Lower Upper
146 100
111 41.5 20.3 60.8
148 61.9 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.598 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012674.D
Acq: 21 Feb 2023 15:12

Tgt Ion: 75 Resp: 1017
Ion Ratio Lower Upper
75 100
155 80.0 43.6 130.8
157 102.8 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 5.380 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

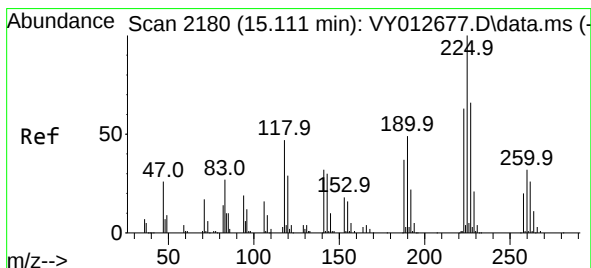
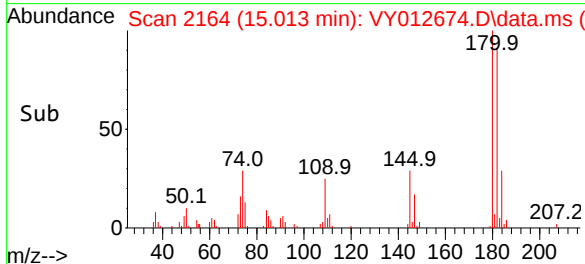
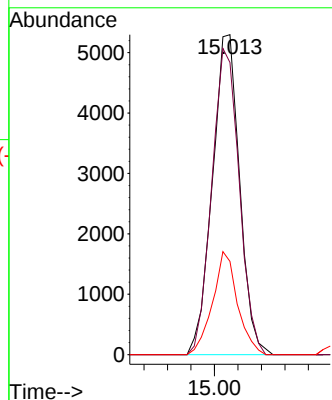
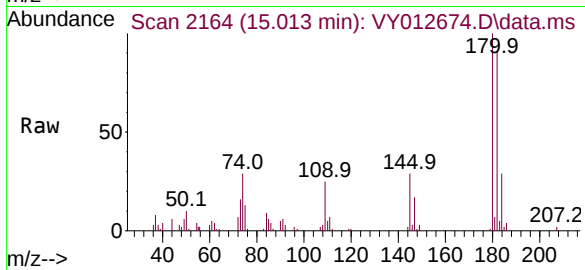
Tgt Ion:180 Resp: 8535

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.2

145 29.5 15.0 45.0



#94

Hexachlorobutadiene

Concen: 5.876 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

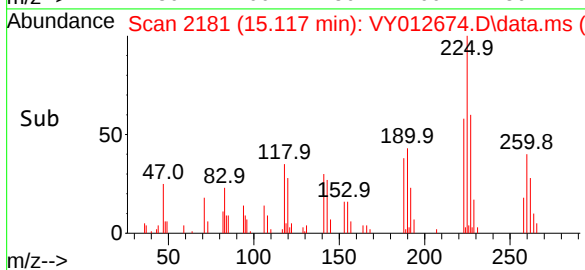
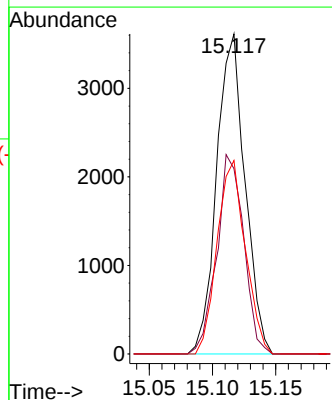
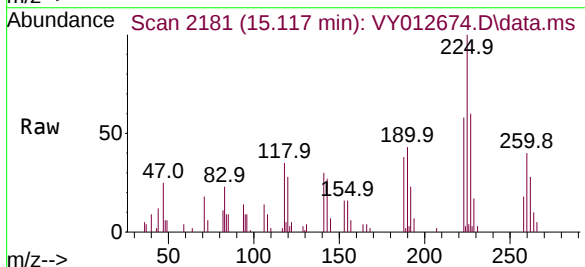
Tgt Ion:225 Resp: 5626

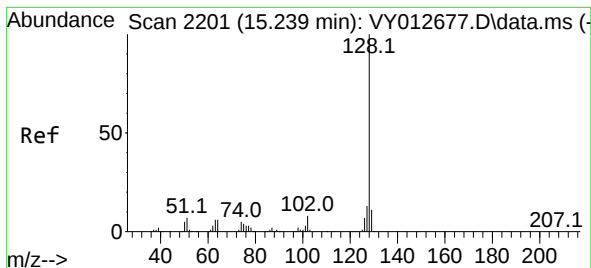
Ion Ratio Lower Upper

225 100

223 59.2 31.7 95.1

227 60.3 32.3 96.8





#95

Naphthalene

Concen: 4.508 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

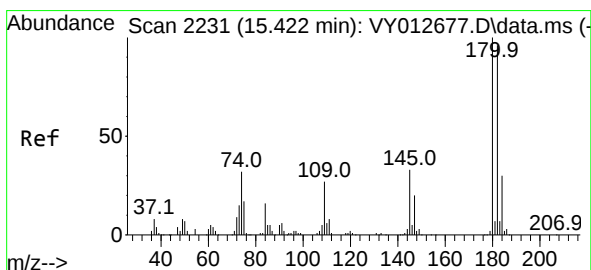
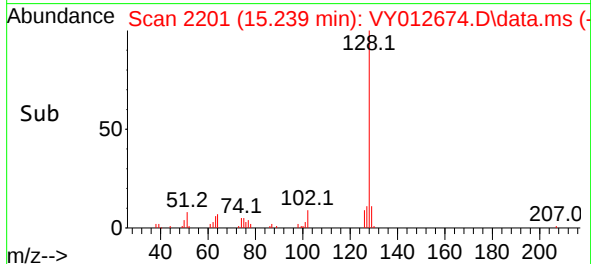
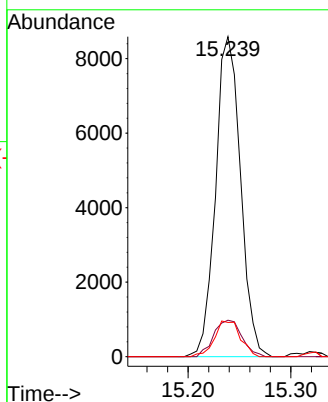
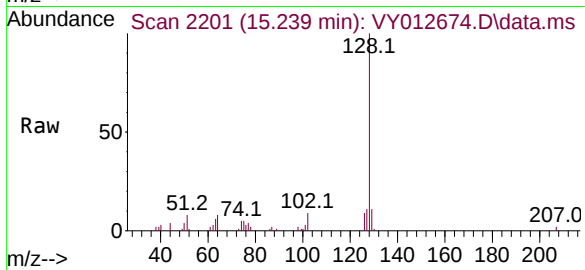
Tgt Ion:128 Resp: 14449

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.6 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 5.256 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012674.D

Acq: 21 Feb 2023 15:12

Tgt Ion:180 Resp: 7380

Ion Ratio Lower Upper

180 100

182 100.7 48.5 145.6

145 32.8 16.1 48.2

