

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013230.D
 Acq On : 10 Apr 2023 17:00
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Apr 11 10:59:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 10:54:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	91450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	129635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	10619	10.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.660%#
35) Dibromofluoromethane	7.716	113	8683	10.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.100%#
50) Toluene-d8	10.179	98	29841	9.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	19.720%#
62) 4-Bromofluorobenzene	12.477	95	10394	9.620	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	19.240%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	8247	10.848	ug/l	98
3) Chloromethane	2.107	50	11239	12.112	ug/l	98
4) Vinyl Chloride	2.247	62	9613	12.271	ug/l	95
5) Bromomethane	2.644	94	7647	11.199	ug/l	88
6) Chloroethane	2.790	64	6928	12.094	ug/l	96
7) Trichlorofluoromethane	3.119	101	14831	11.693	ug/l	89
8) Diethyl Ether	3.528	74	5113	10.622	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	8473	10.955	ug/l	97
10) Methyl Iodide	4.088	142	10135	10.873	ug/l	98
11) Tert butyl alcohol	4.960	59	8644	48.527	ug/l #	74
12) 1,1-Dichloroethene	3.863	96	7697	11.424	ug/l	96
13) Acrolein	3.735	56	5831	60.605	ug/l	99
14) Allyl chloride	4.479	41	15607	10.901	ug/l	91
15) Acrylonitrile	5.161	53	16919	51.128	ug/l	99
16) Acetone	3.948	43	20496	48.975	ug/l	98
17) Carbon Disulfide	4.192	76	21647	12.195	ug/l	100
18) Methyl Acetate	4.479	43	13420	10.801	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	25654	9.997	ug/l	97
20) Methylene Chloride	4.710	84	17159	10.215	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	8859	11.208	ug/l	91
22) Diisopropyl ether	6.112	45	33375	10.527	ug/l	91
23) Vinyl Acetate	6.058	43	101275	50.882	ug/l	98
24) 1,1-Dichloroethane	6.015	63	18122	11.073	ug/l	99
25) 2-Butanone	6.984	43	26563	49.111	ug/l	96
26) 2,2-Dichloropropane	6.978	77	16473	10.660	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	10016	10.503	ug/l	91
28) Bromochloromethane	7.332	49	8246	10.672	ug/l	92
29) Tetrahydrofuran	7.344	42	16147	51.193	ug/l	95
30) Chloroform	7.502	83	18410	10.780	ug/l	97
31) Cyclohexane	7.783	56	15040	9.900	ug/l #	82
32) 1,1,1-Trichloroethane	7.698	97	16172	10.808	ug/l	97
36) 1,1-Dichloropropene	7.917	75	12930	10.879	ug/l	96
37) Ethyl Acetate	7.070	43	10723	9.747	ug/l	97
38) Carbon Tetrachloride	7.899	117	14877	10.750	ug/l	95
39) Methylcyclohexane	9.185	83	12926	10.349	ug/l	95
40) Benzene	8.161	78	37688	10.764	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	5395	9.404	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	13759	10.697	ug/l	98
43) Isopropyl Acetate	8.271	43	19499	10.146	ug/l	96
44) Trichloroethene	8.941	130	9752	10.672	ug/l	97
45) 1,2-Dichloropropane	9.216	63	10144	10.639	ug/l	97
46) Dibromomethane	9.307	93	6114	10.535	ug/l	99
47) Bromodichloromethane	9.490	83	14950	10.669	ug/l	93
48) Methyl methacrylate	9.289	41	8192	9.707	ug/l	91
49) 1,4-Dioxane	9.307	88	1473	178.439	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	53523	49.111	ug/l	95
52) Toluene	10.240	92	22741	10.358	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	14705	10.015	ug/l	90
54) cis-1,3-Dichloropropene	9.929	75	16583	10.531	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	8314	10.130	ug/l	96
56) Ethyl methacrylate	10.508	69	10588	9.233	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	13945	10.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	25870	49.738	ug/l	99
59) 2-Hexanone	10.831	43	39111	48.663	ug/l	93
60) Dibromochloromethane	10.984	129	10282	10.067	ug/l	100
61) 1,2-Dibromoethane	11.087	107	8210	10.479	ug/l	98
64) Tetrachloroethene	10.715	164	8823	11.023	ug/l	96
65) Chlorobenzene	11.514	112	26213	10.610	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	10317	10.500	ug/l	95
67) Ethyl Benzene	11.593	91	43642	10.177	ug/l	96
68) m/p-Xylenes	11.703	106	32598	19.978	ug/l	96
69) o-Xylene	12.026	106	15453	9.963	ug/l	100
70) Styrene	12.044	104	26192	9.903	ug/l	98
71) Bromoform	12.209	173	6997	9.923	ug/l #	99
73) Isopropylbenzene	12.325	105	40036	9.677	ug/l	98
74) N-amyl acetate	12.142	43	14813	9.360	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	11304	10.221	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	14081	16.944	ug/l #	100
77) Bromobenzene	12.605	156	10724	10.187	ug/l	98
78) n-propylbenzene	12.672	91	50321	9.881	ug/l	100
79) 2-Chlorotoluene	12.758	91	29313	10.108	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	33582	9.814	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	3880	9.974	ug/l	90
82) 4-Chlorotoluene	12.855	91	30868	10.194	ug/l	98
83) tert-Butylbenzene	13.075	119	29910	9.777	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	33604	9.877	ug/l	99
85) sec-Butylbenzene	13.251	105	43736	9.728	ug/l	99
86) p-Isopropyltoluene	13.367	119	36980	9.813	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	21502	10.431	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	21725	10.335	ug/l	95
89) n-Butylbenzene	13.697	91	33955	9.612	ug/l	99
90) Hexachloroethane	13.959	117	8087	10.122	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	19253	10.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2186	10.372	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	11212	9.567	ug/l	95
94) Hexachlorobutadiene	15.111	225	7261	10.493	ug/l	95
95) Naphthalene	15.233	128	23817	9.023	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	10649	9.735	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Apr 11 10:54:28 2023
Response via : Initial Calibration

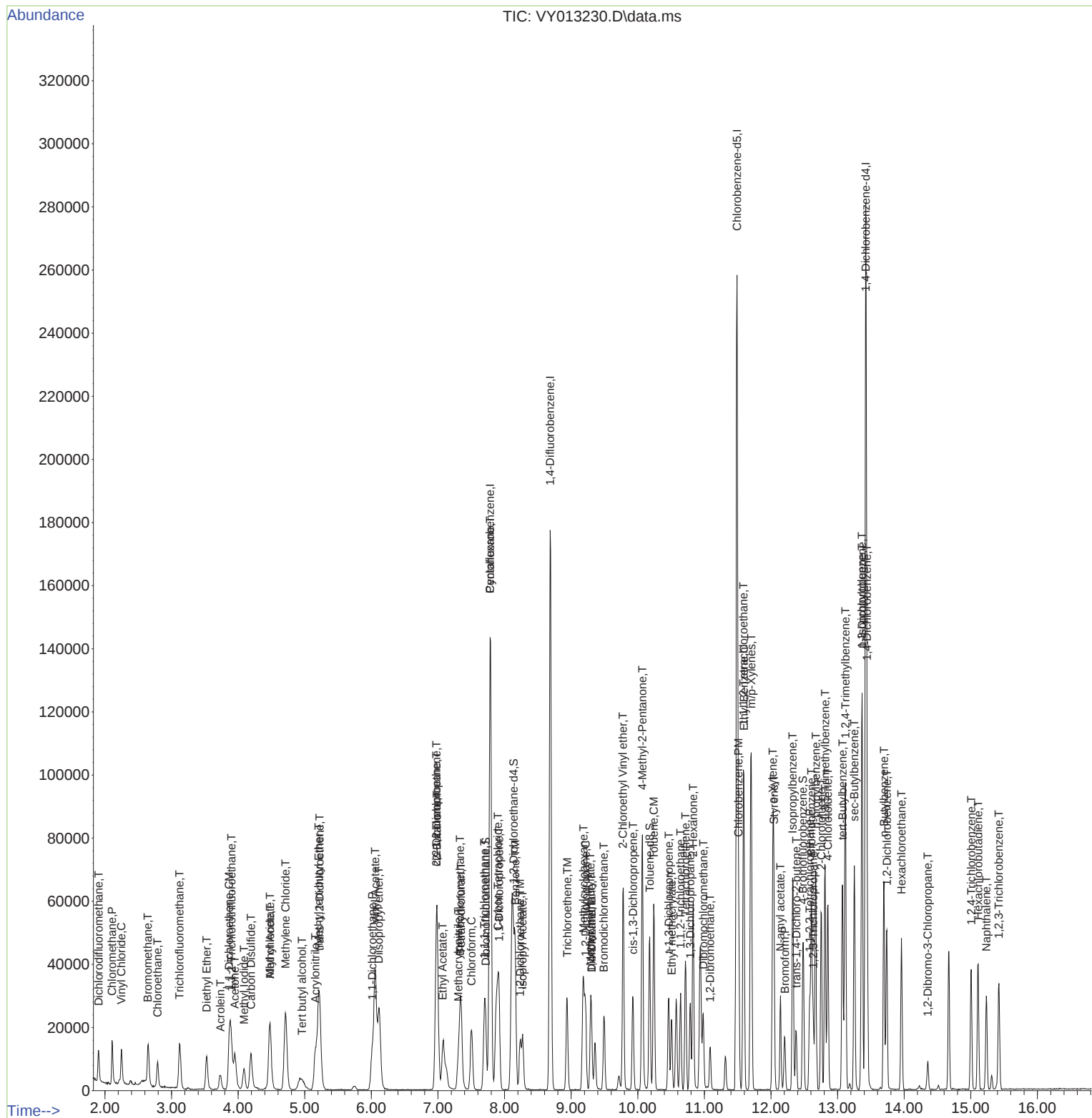
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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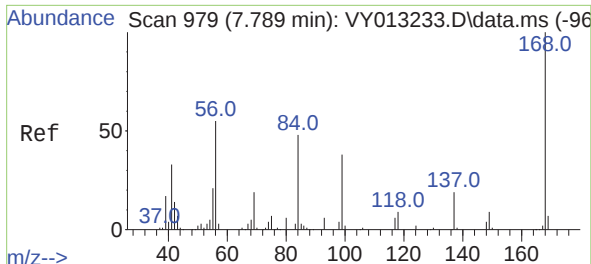
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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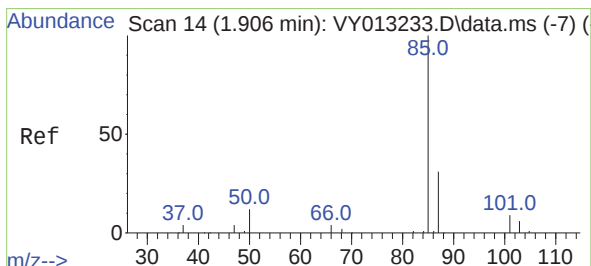
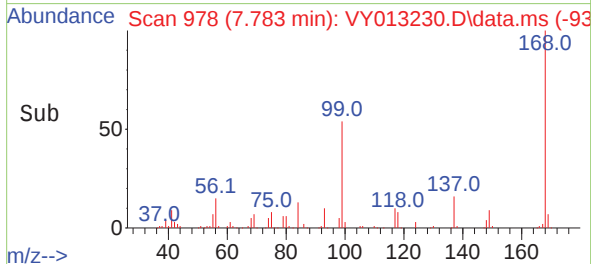
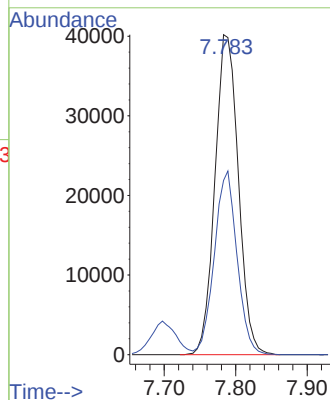
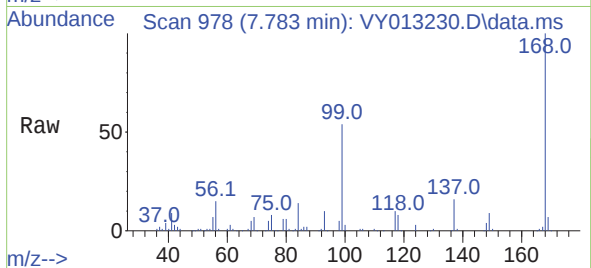




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

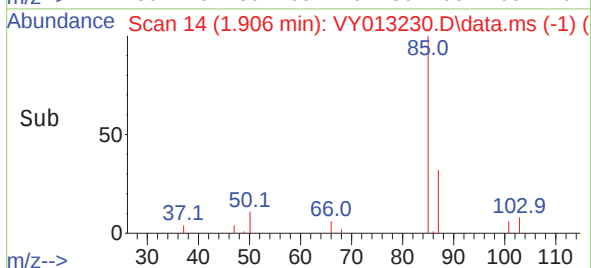
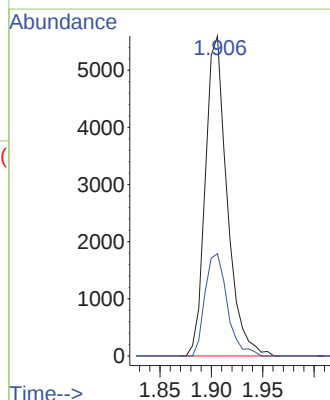
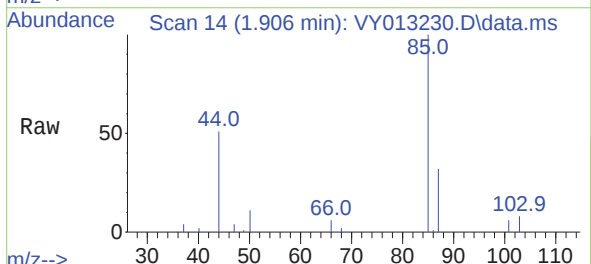
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 91450
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5

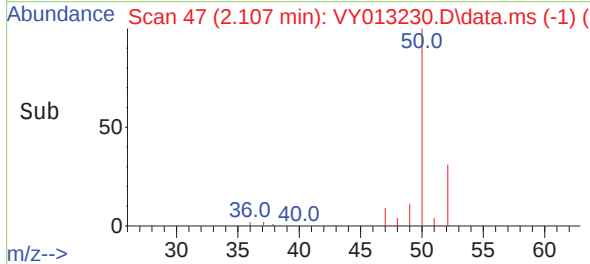
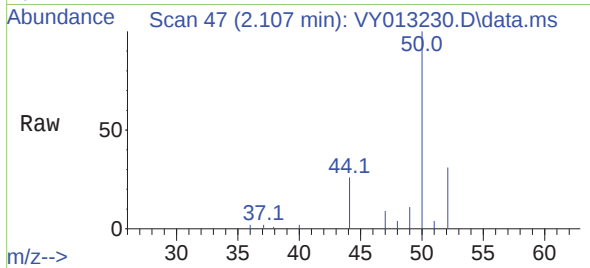
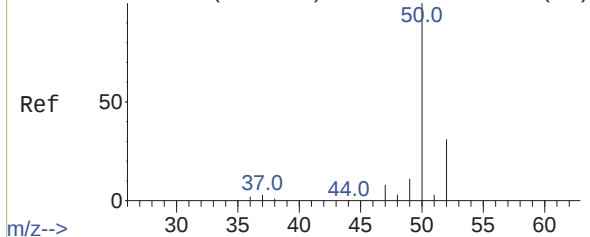


#2
Dichlorodifluoromethane
Concen: 10.848 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 85 Resp: 8247
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0



Abundance Scan 47 (2.107 min): VY013233.D\data.ms (-42)



#3

Chloromethane

Concen: 12.112 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

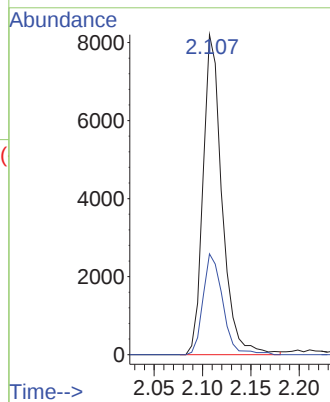
VSTDICC010

Tgt Ion: 50 Resp: 11239

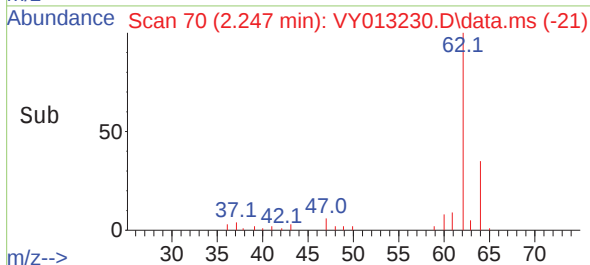
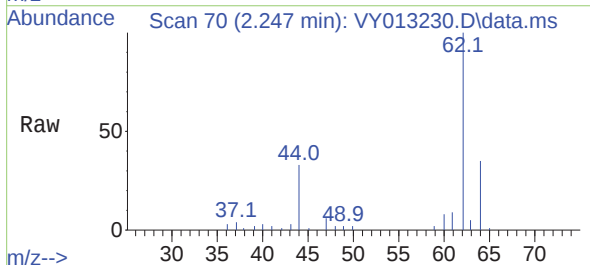
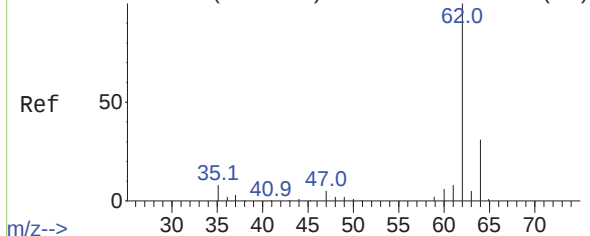
Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0



Abundance Scan 70 (2.247 min): VY013233.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 12.271 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY013230.D

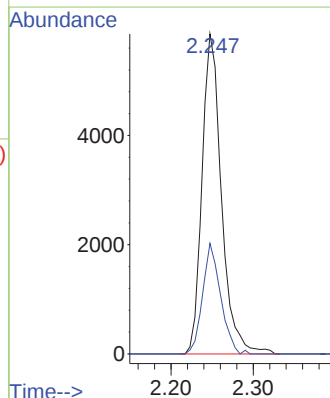
Acq: 10 Apr 2023 17:00

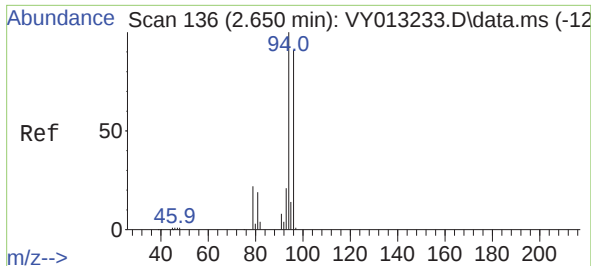
Tgt Ion: 62 Resp: 9613

Ion Ratio Lower Upper

62 100

64 34.5 25.6 38.4

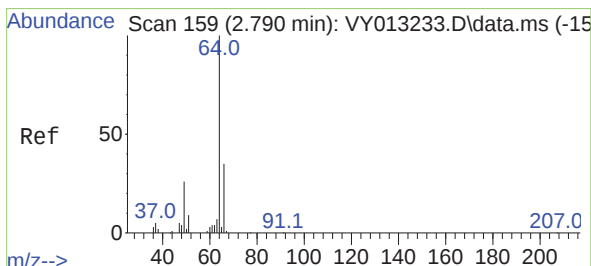
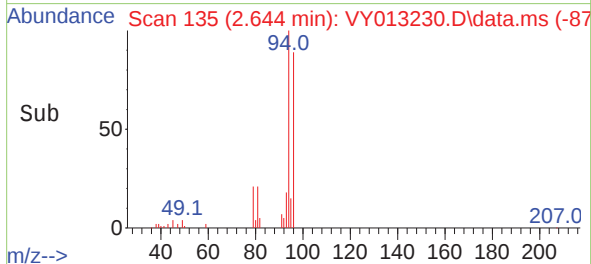
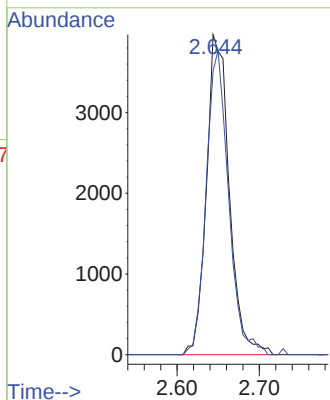
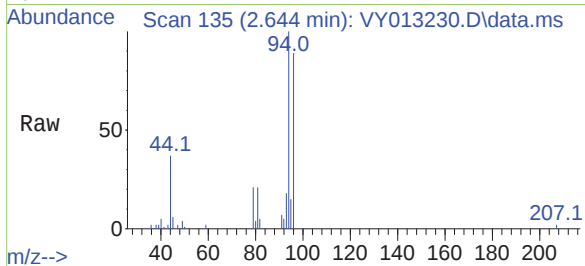




#5
Bromomethane
Concen: 11.199 ug/l
RT: 2.644 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

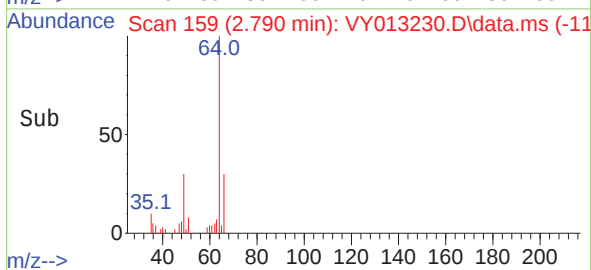
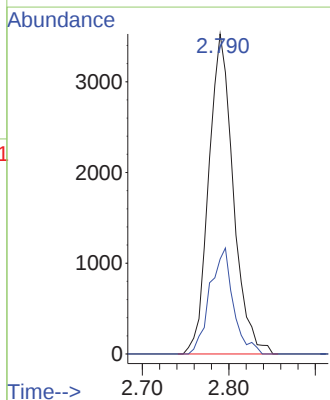
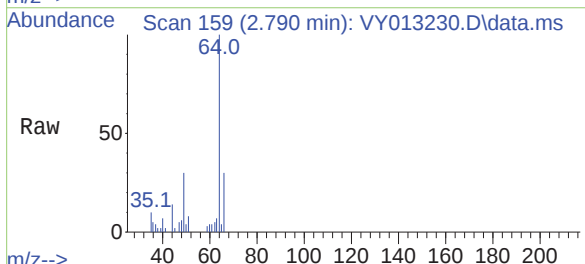
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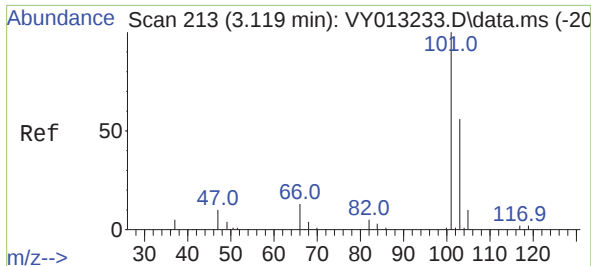
Tgt Ion: 94 Resp: 7647
Ion Ratio Lower Upper
94 100
96 88.7 80.3 120.5



#6
Chloroethane
Concen: 12.094 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 64 Resp: 6928
Ion Ratio Lower Upper
64 100
66 29.6 25.7 38.5

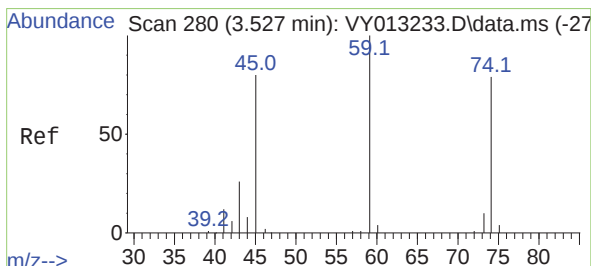
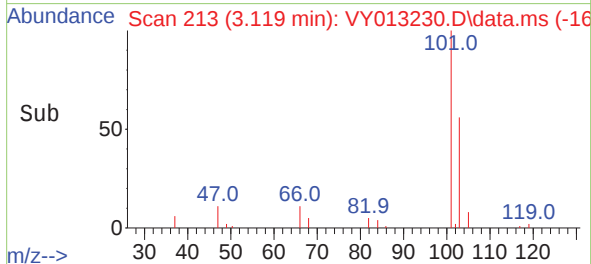
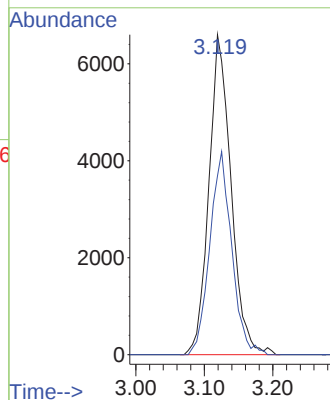
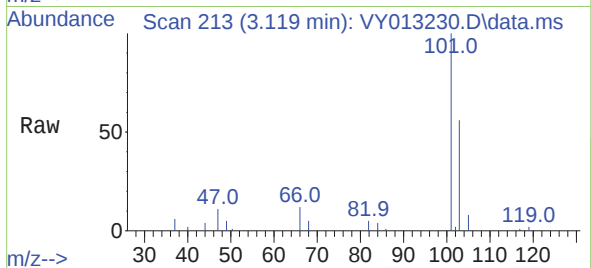




#7
 Trichlorofluoromethane
 Concen: 11.693 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY013230.D
 Acq: 10 Apr 2023 17:00

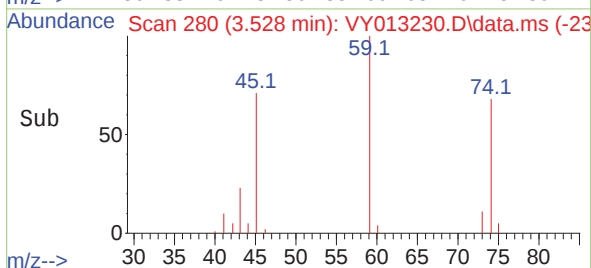
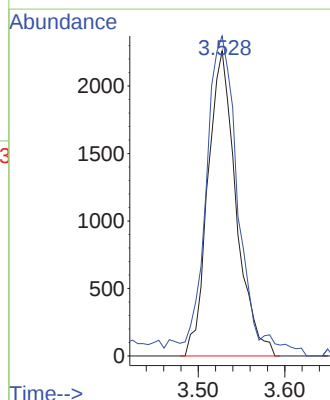
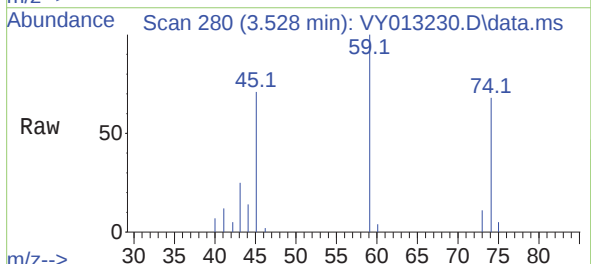
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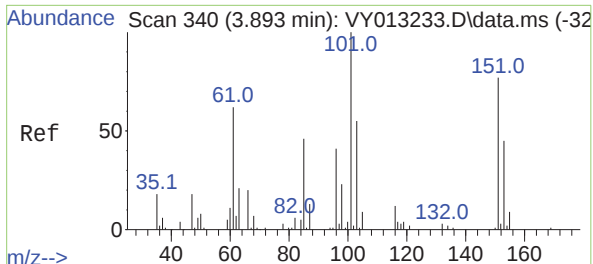
Tgt Ion:101 Resp: 14831
 Ion Ratio Lower Upper
 101 100
 103 55.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 10.622 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY013230.D
 Acq: 10 Apr 2023 17:00

Tgt Ion: 74 Resp: 5113
 Ion Ratio Lower Upper
 74 100
 45 121.7 52.1 156.4

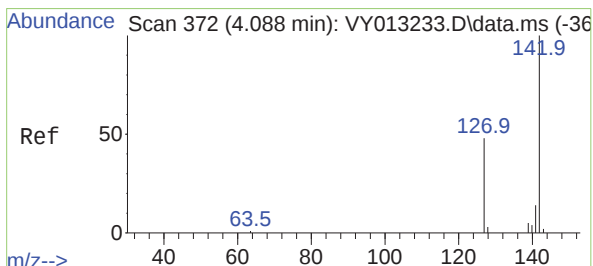
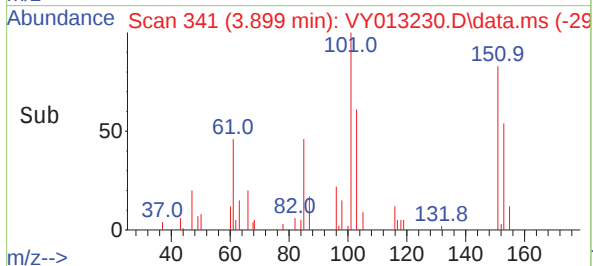
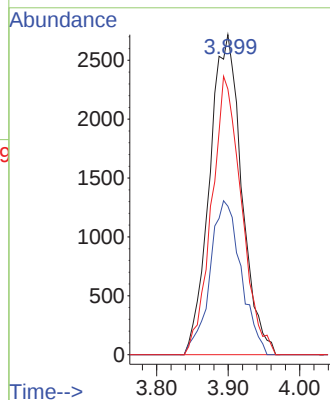
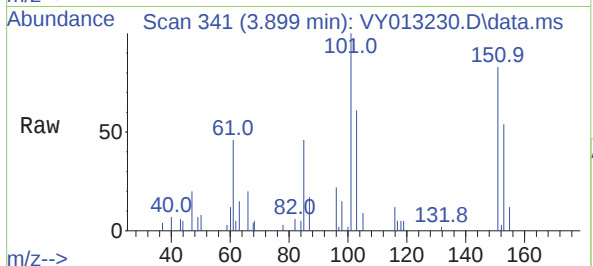




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.955 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

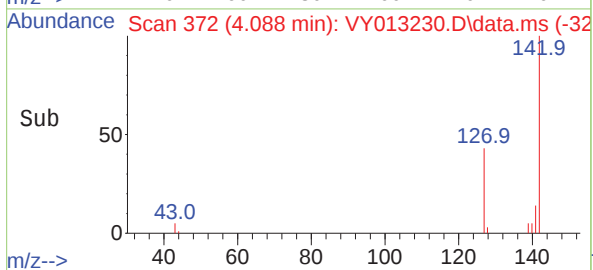
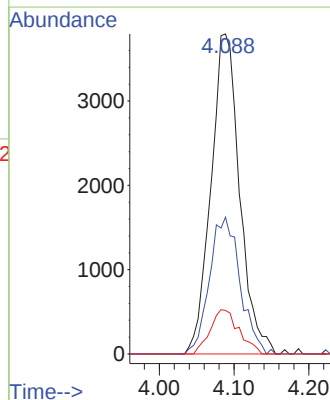
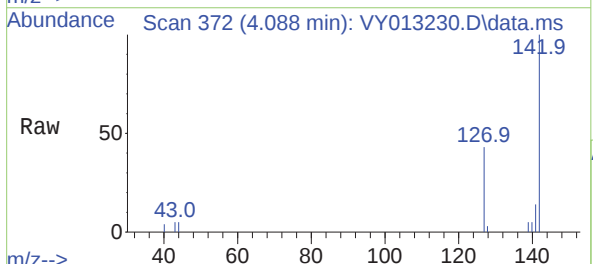
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

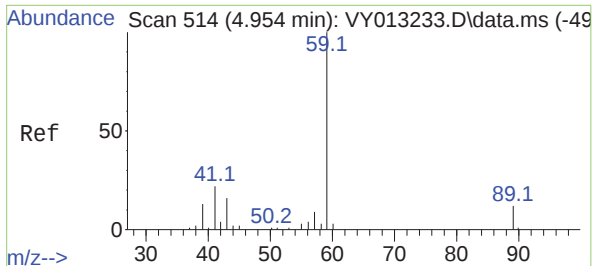
Tgt Ion:101 Resp: 8473
Ion Ratio Lower Upper
101 100
85 46.6 35.3 52.9
151 81.0 63.1 94.7



#10
Methyl Iodide
Concen: 10.873 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion:142 Resp: 10135
Ion Ratio Lower Upper
142 100
127 45.5 35.4 53.2
141 13.8 11.3 16.9





#11

Tert butyl alcohol

Concen: 48.527 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

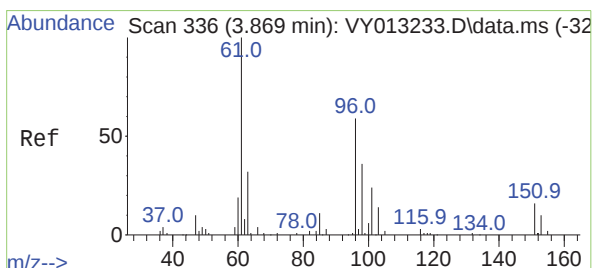
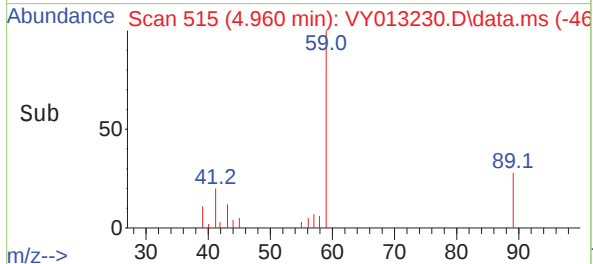
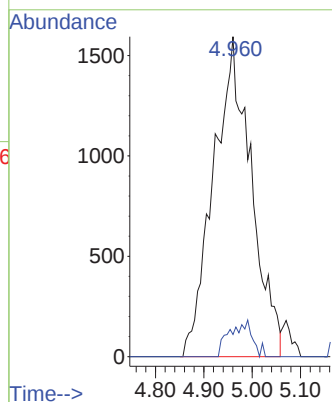
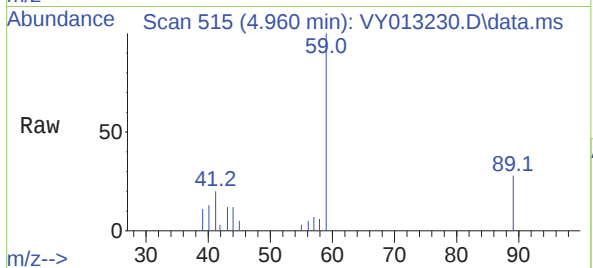
VSTDIC010

Tgt Ion: 59 Resp: 8644

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 11.424 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

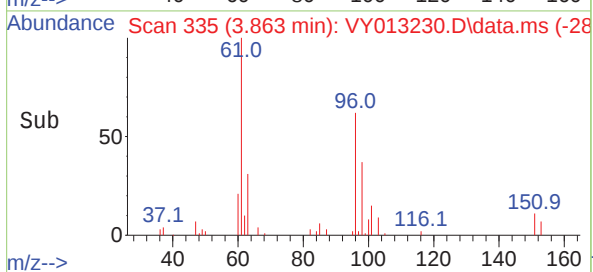
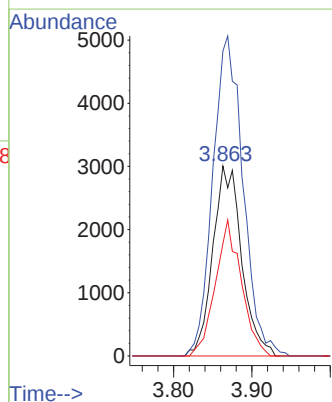
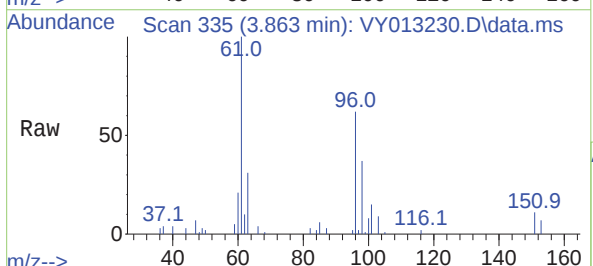
Tgt Ion: 96 Resp: 7697

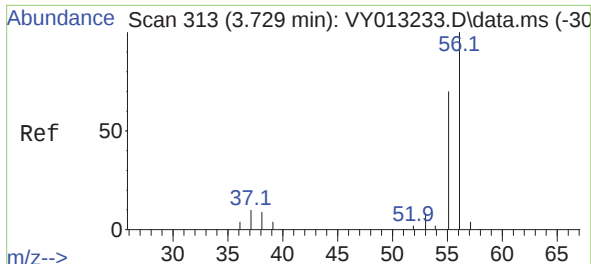
Ion Ratio Lower Upper

96 100

61 160.5 131.7 197.5

98 59.1 52.0 78.0





#13

Acrolein

Concen: 60.605 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

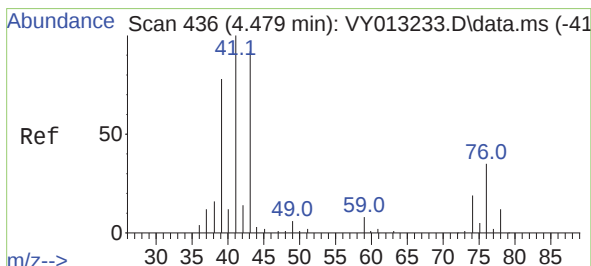
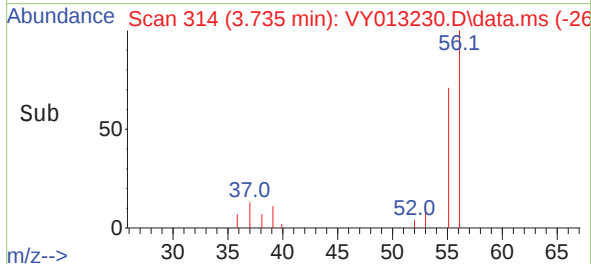
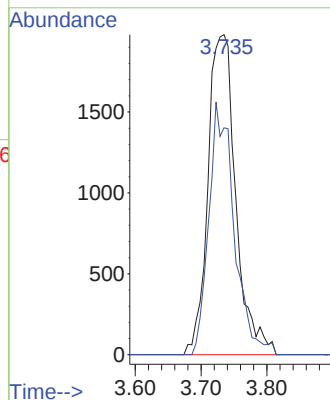
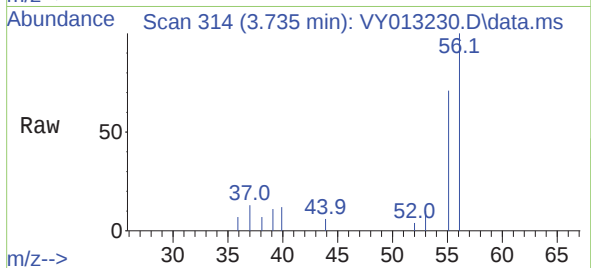
VSTDICC010

Tgt Ion: 56 Resp: 5831

Ion Ratio Lower Upper

56 100

55 71.6 56.8 85.2



#14

Allyl chloride

Concen: 10.901 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

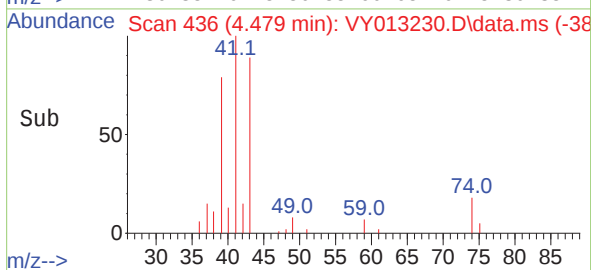
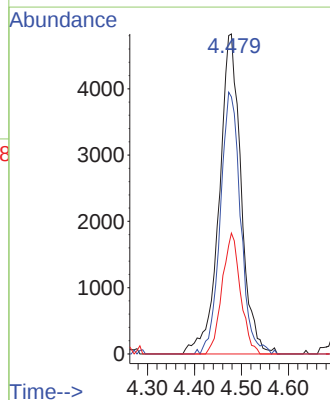
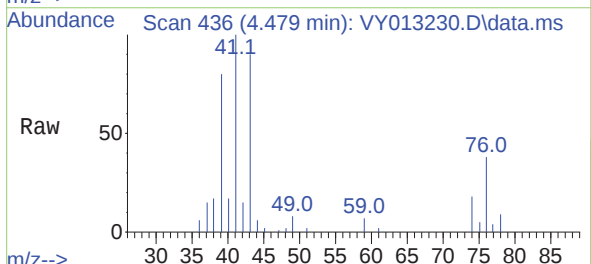
Tgt Ion: 41 Resp: 15607

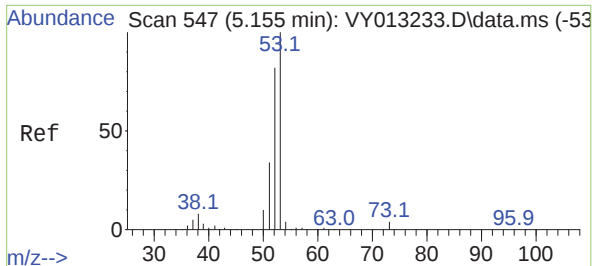
Ion Ratio Lower Upper

41 100

39 76.2 53.6 80.4

76 31.8 27.2 40.8

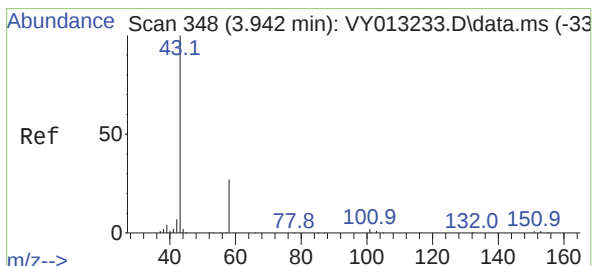
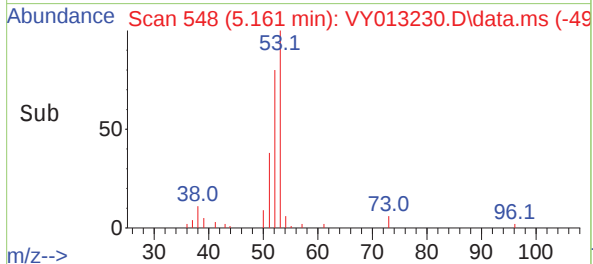
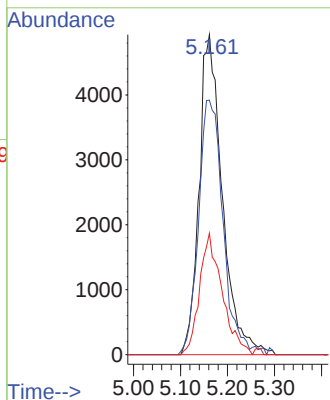
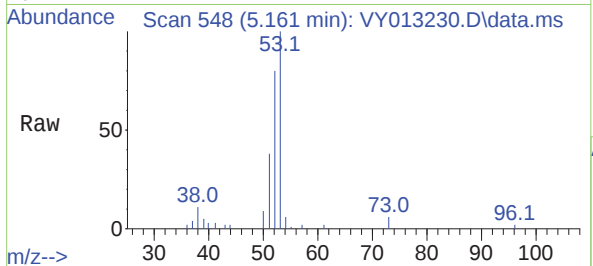




#15
Acrylonitrile
Concen: 51.128 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

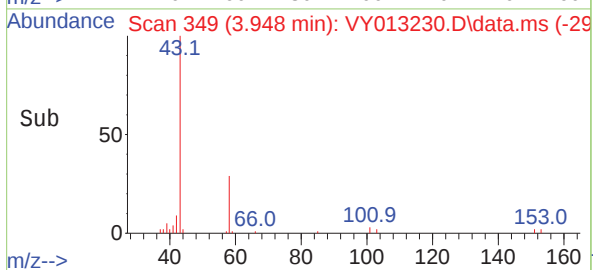
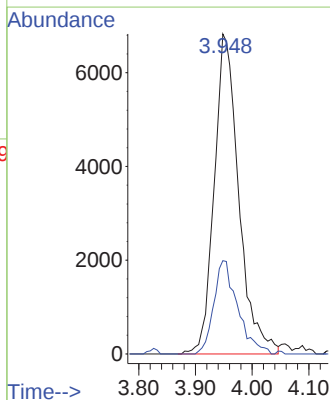
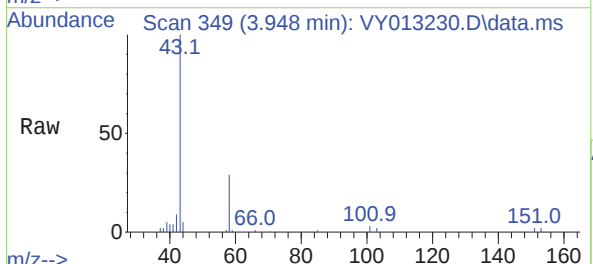
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

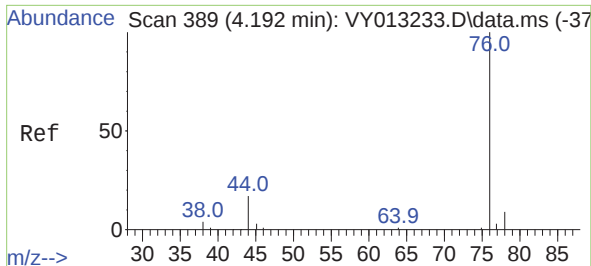
Tgt Ion: 53 Resp: 16919
Ion Ratio Lower Upper
53 100
52 84.0 66.3 99.5
51 36.9 28.8 43.2



#16
Acetone
Concen: 48.975 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 43 Resp: 20496
Ion Ratio Lower Upper
43 100
58 29.2 24.2 36.2

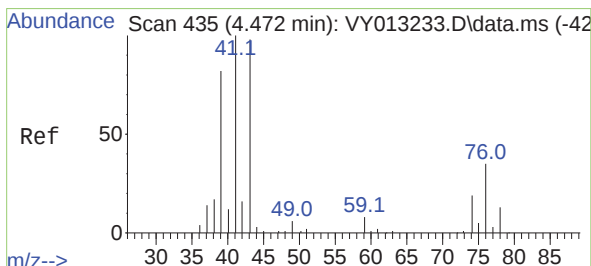
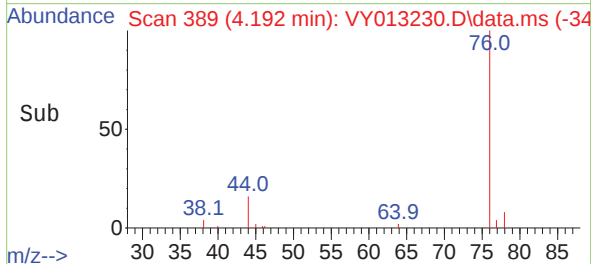
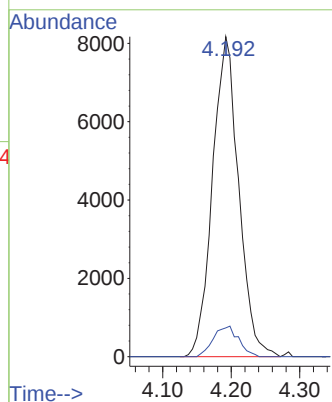
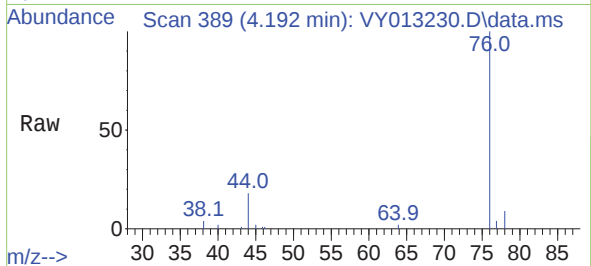




#17
Carbon Disulfide
Concen: 12.195 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

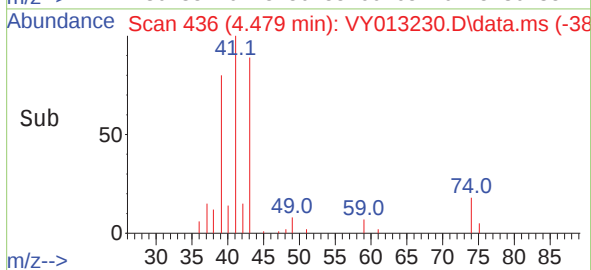
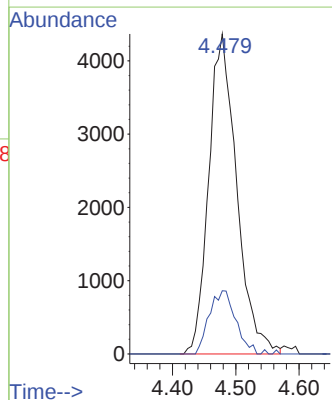
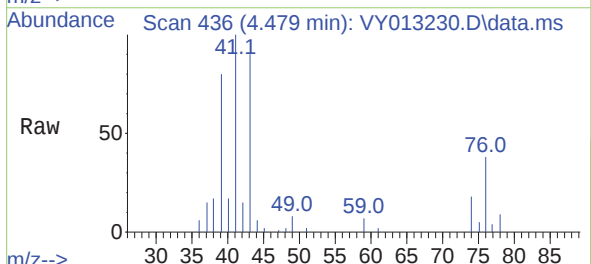
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

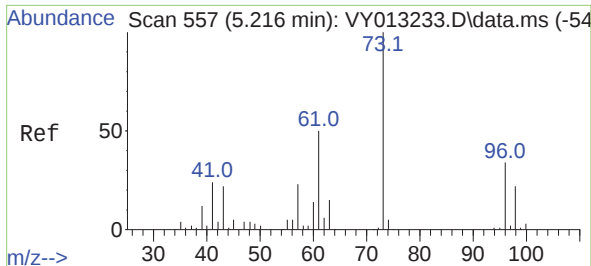
Tgt Ion: 76 Resp: 21647
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 10.801 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 43 Resp: 13420
Ion Ratio Lower Upper
43 100
74 18.6 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 9.997 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

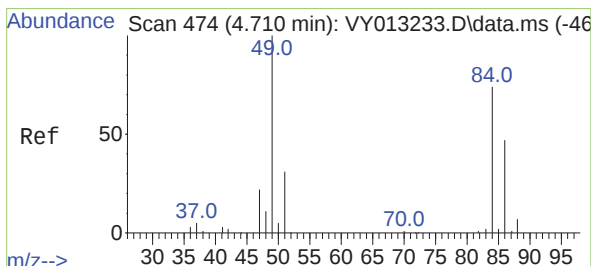
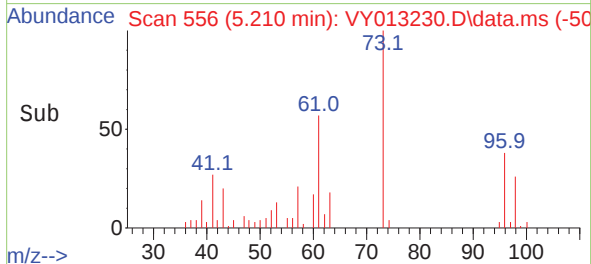
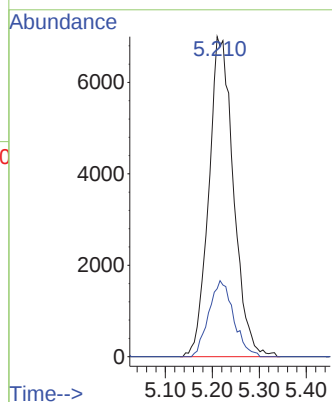
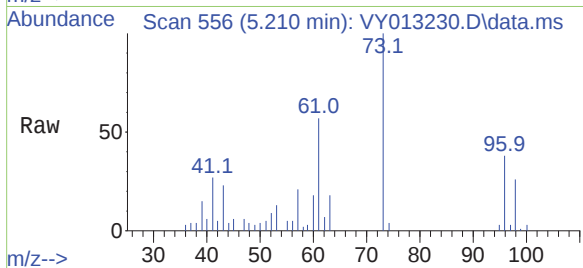
VSTDIC010

Tgt Ion: 73 Resp: 25654

Ion Ratio Lower Upper

73 100

57 21.3 18.3 27.5



#20

Methylene Chloride

Concen: 10.215 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Tgt Ion: 84 Resp: 17159

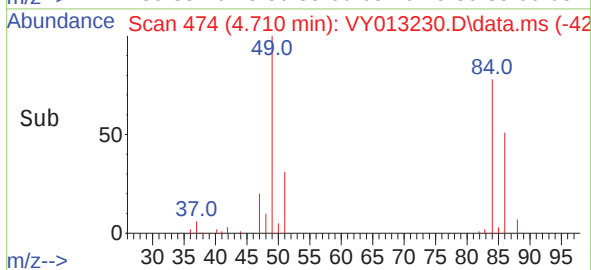
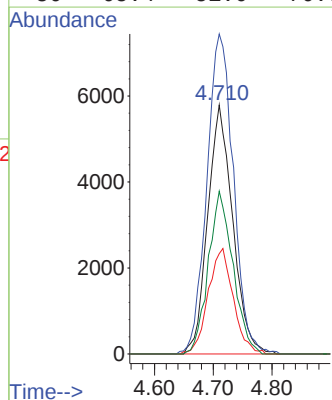
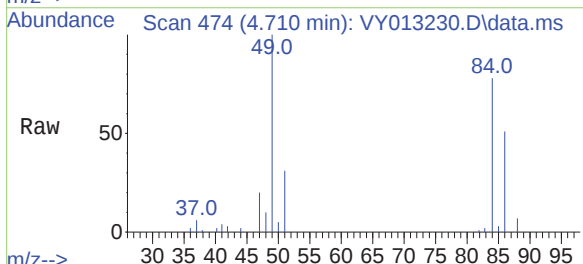
Ion Ratio Lower Upper

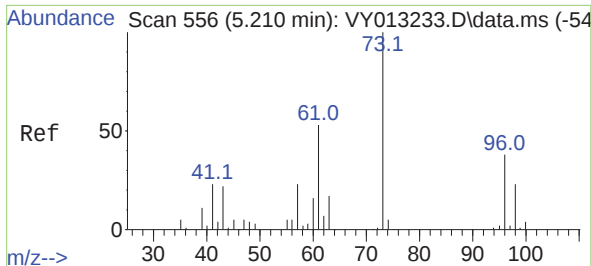
84 100

49 128.5 102.6 154.0

51 40.3 31.9 47.9

86 65.4 51.0 76.6

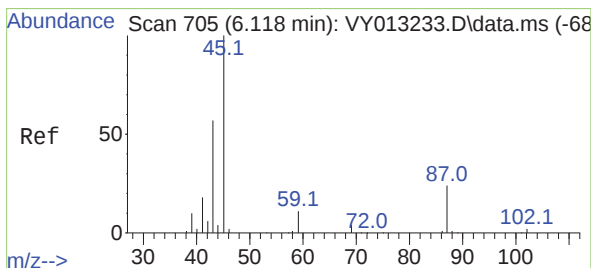
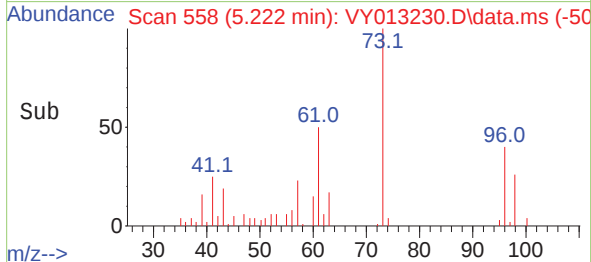
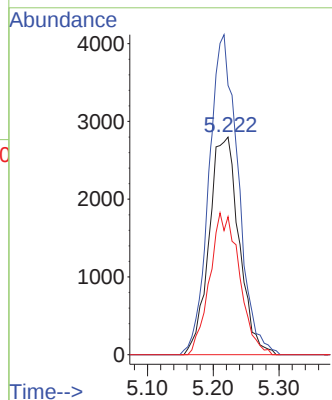
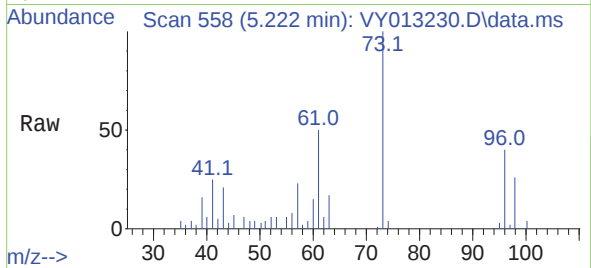




#21
trans-1,2-Dichloroethene
Concen: 11.208 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

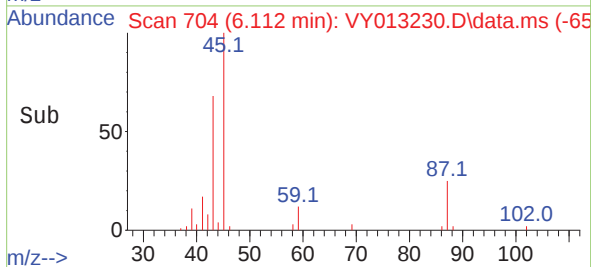
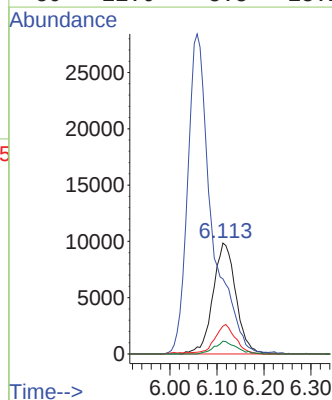
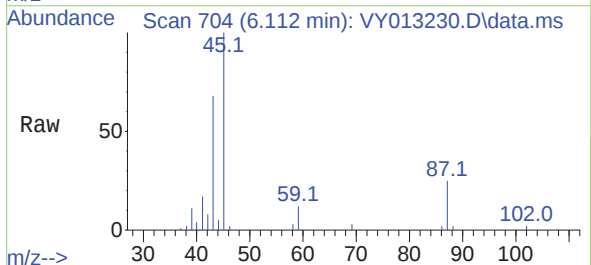
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

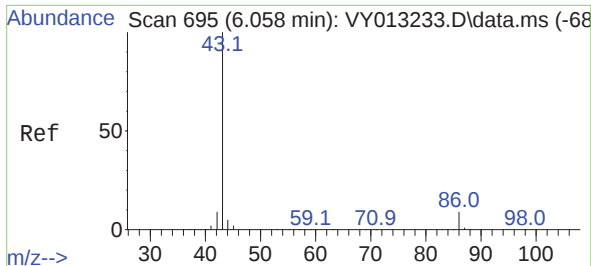
Tgt Ion: 96 Resp: 8859
Ion Ratio Lower Upper
96 100
61 123.7 111.4 167.0
98 63.4 50.8 76.2



#22
Diisopropyl ether
Concen: 10.527 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 45 Resp: 33375
Ion Ratio Lower Upper
45 100
43 66.7 45.0 67.6
87 25.2 20.3 30.5
59 11.6 8.8 13.2





#23

Vinyl Acetate

Concen: 50.882 ug/l

RT: 6.058 min Scan# 61

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

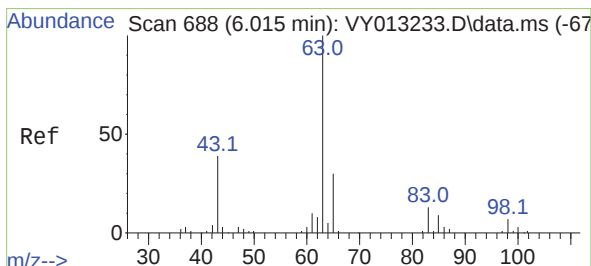
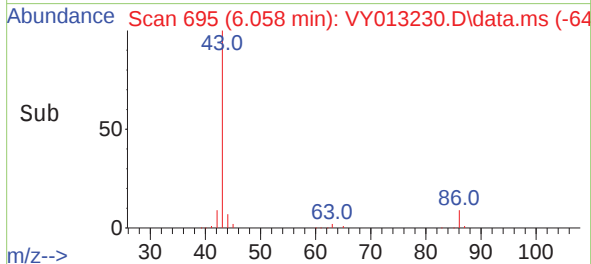
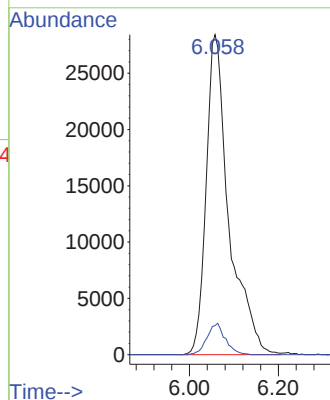
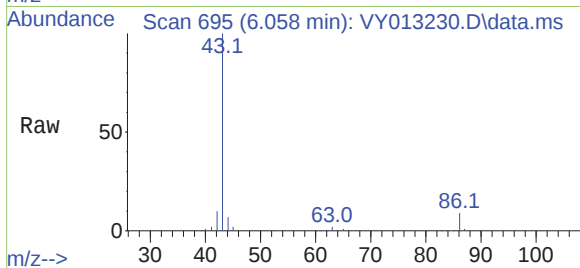
VSTDIC010

Tgt Ion: 43 Resp: 101275

Ion Ratio Lower Upper

43 100

86 9.1 7.8 11.8



#24

1,1-Dichloroethane

Concen: 11.073 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

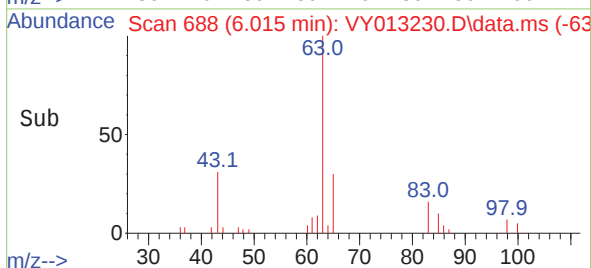
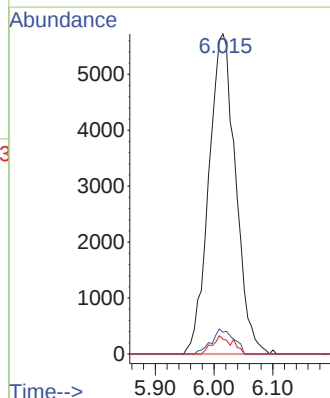
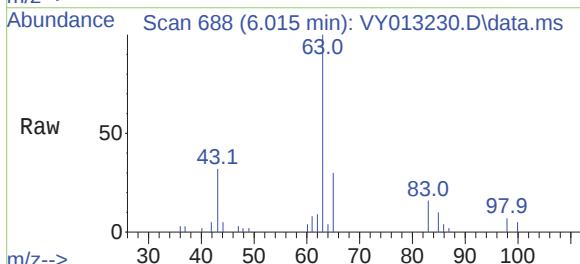
Tgt Ion: 63 Resp: 18122

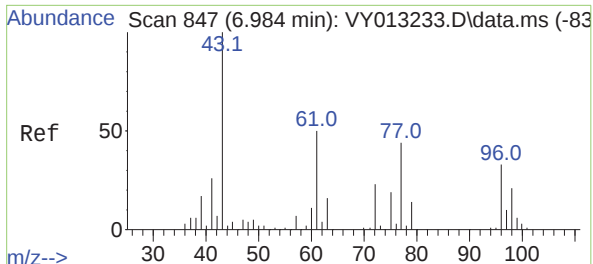
Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 4.7 2.3 6.8

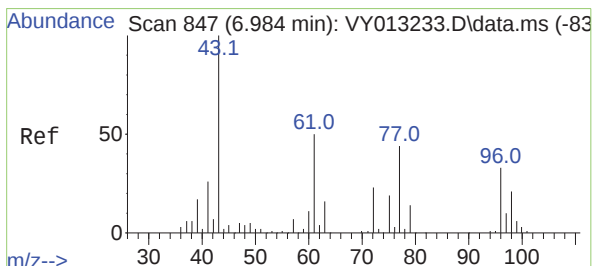
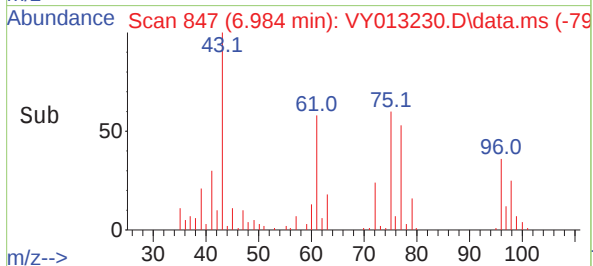
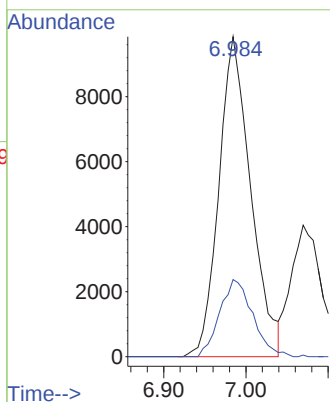
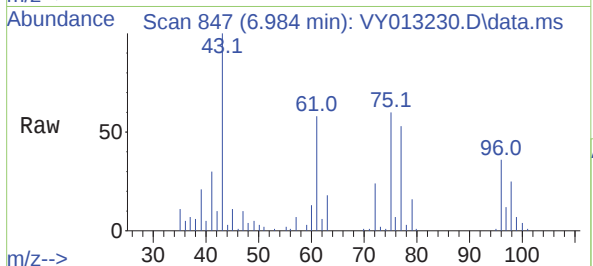




#25
2-Butanone
Concen: 49.111 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

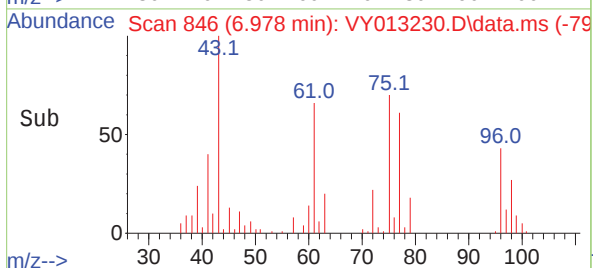
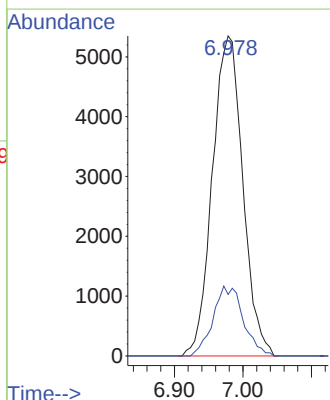
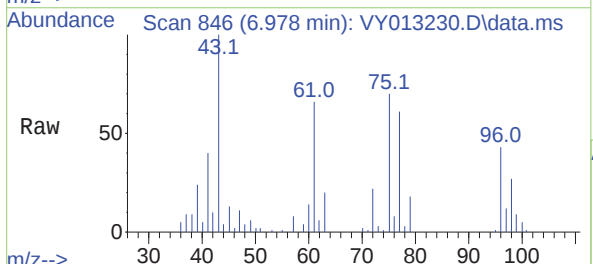
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

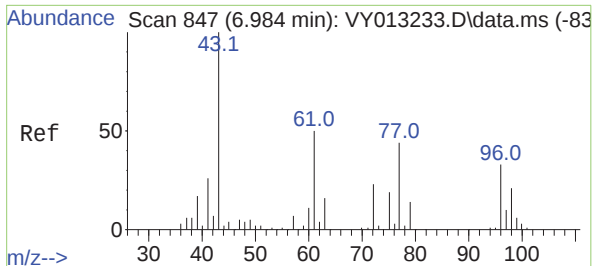
Tgt Ion: 43 Resp: 26563
Ion Ratio Lower Upper
43 100
72 24.1 21.0 31.4



#26
2,2-Dichloropropane
Concen: 10.660 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 77 Resp: 16473
Ion Ratio Lower Upper
77 100
97 21.7 11.7 35.0

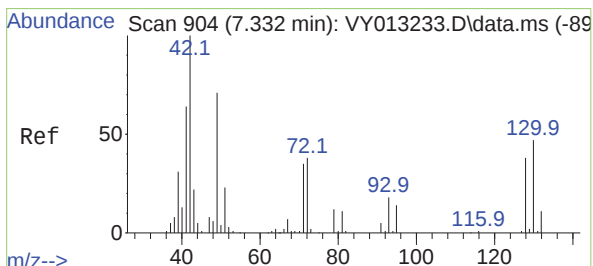
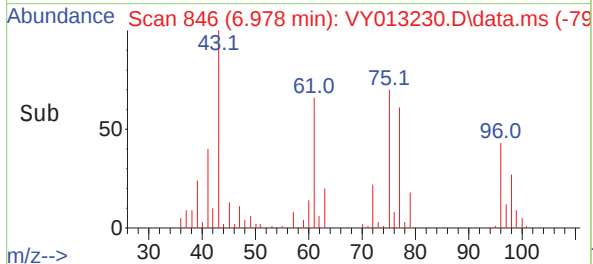
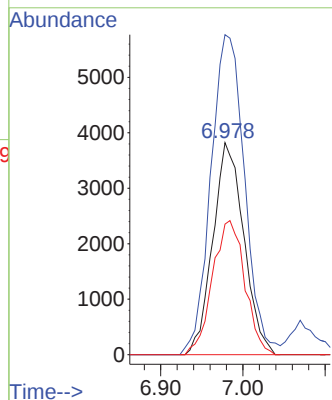
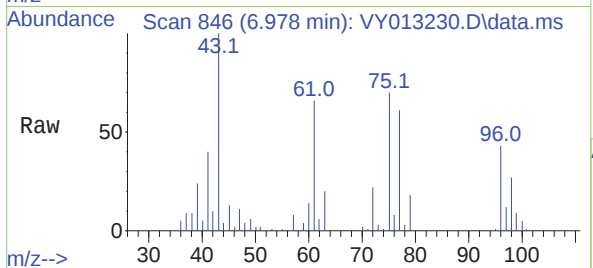




#27
cis-1,2-Dichloroethene
Concen: 10.503 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

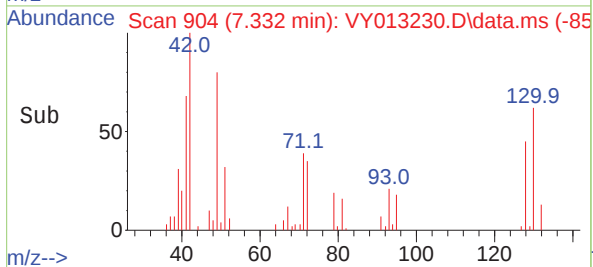
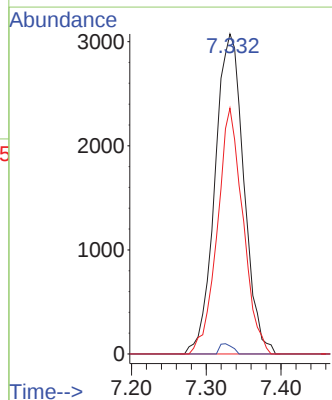
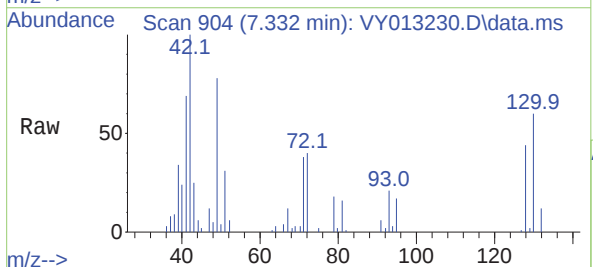
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

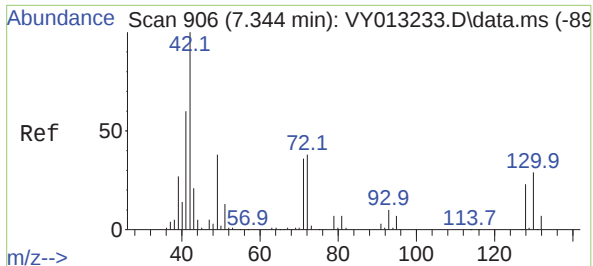
Tgt Ion: 96 Resp: 10016
Ion Ratio Lower Upper
96 100
61 164.3 0.0 295.8
98 65.9 0.0 130.2



#28
Bromochloromethane
Concen: 10.672 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 49 Resp: 8246
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.2
130 68.4 60.5 90.7

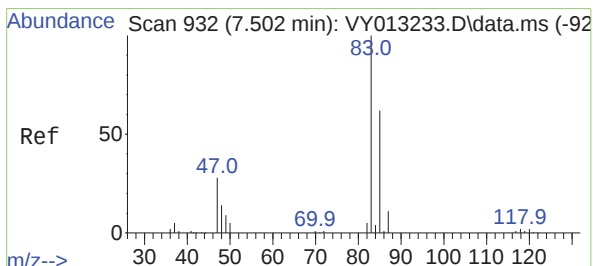
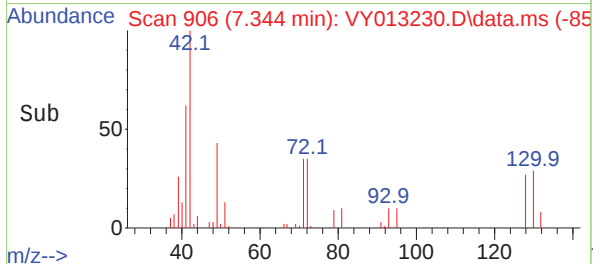
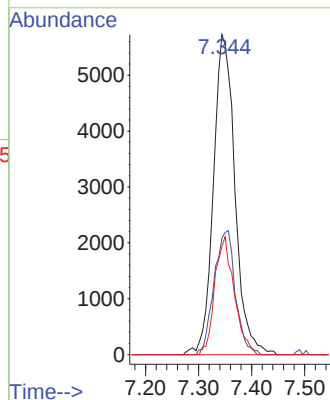
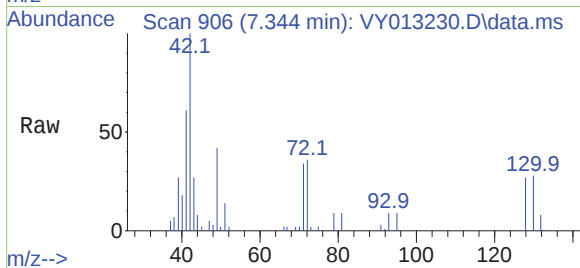




#29
Tetrahydrofuran
Concen: 51.193 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

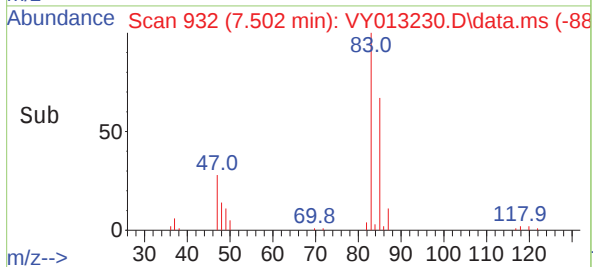
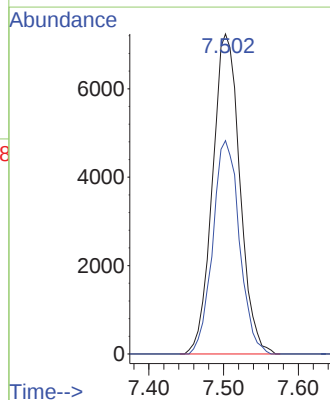
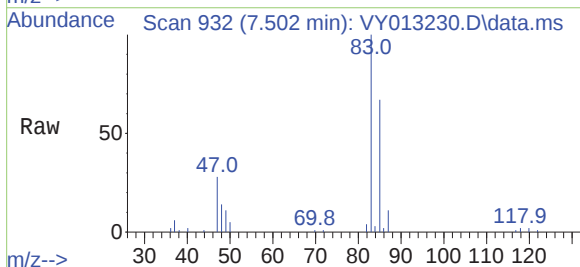
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

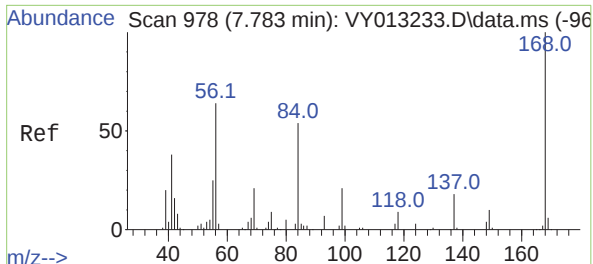
Tgt Ion:	42	Resp:	16147
Ion	Ratio	Lower	Upper
42	100		
72	38.5	32.3	48.5
71	33.2	30.3	45.5



#30
Chloroform
Concen: 10.780 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion:	83	Resp:	18410
Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.4	77.0

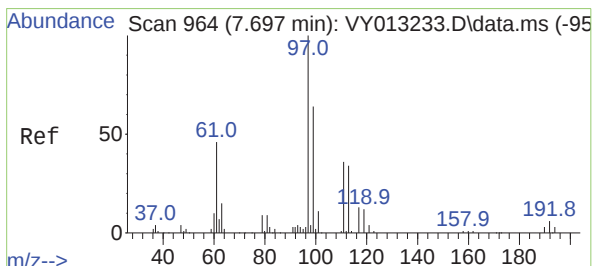
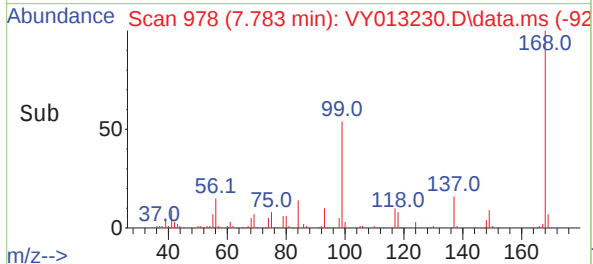
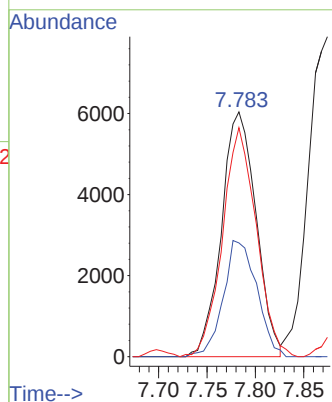
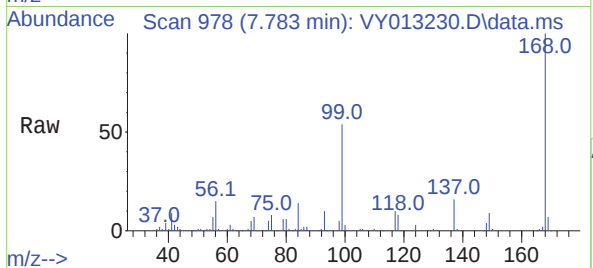




#31
Cyclohexane
Concen: 9.900 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

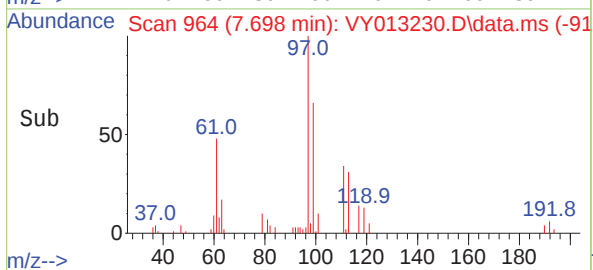
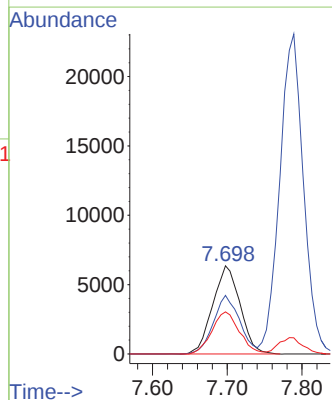
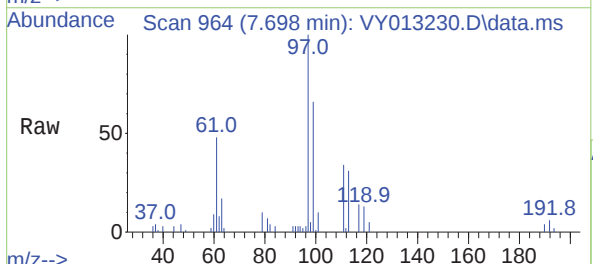
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

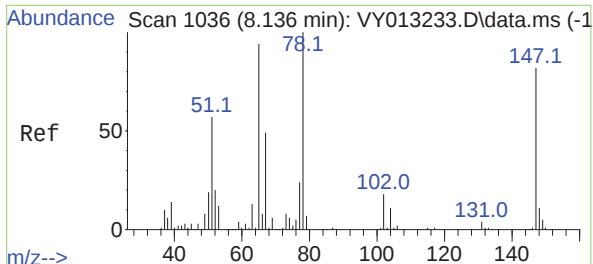
Tgt Ion: 56 Resp: 15040
Ion Ratio Lower Upper
56 100
69 46.5 25.7 38.5#
84 93.5 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 10.808 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 97 Resp: 16172
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 48.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 10.326 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

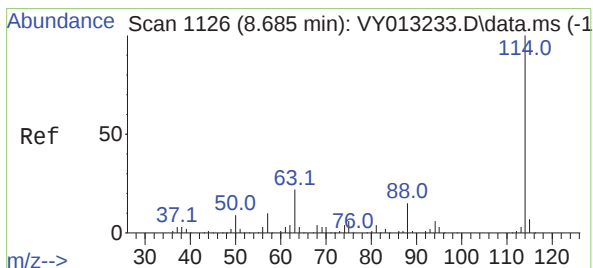
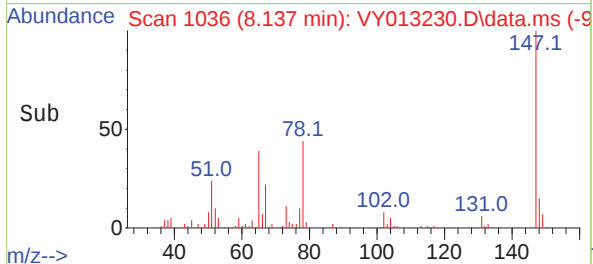
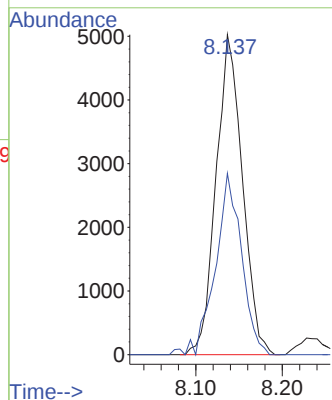
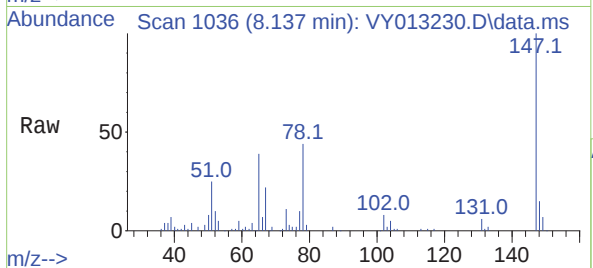
VSTDIC010

Tgt Ion: 65 Resp: 10619

Ion Ratio Lower Upper

65 100

67 56.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

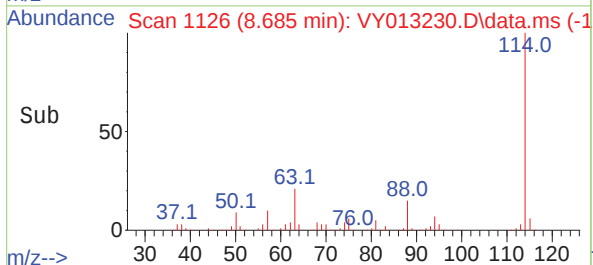
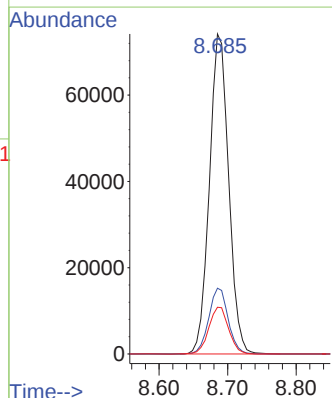
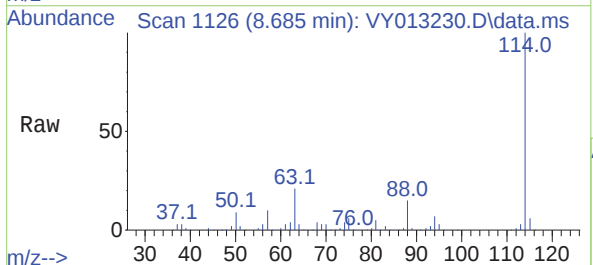
Tgt Ion:114 Resp: 144574

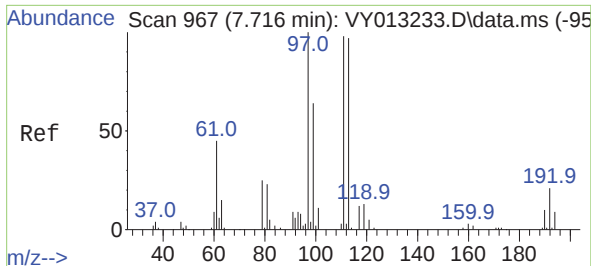
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.6 0.0 28.6

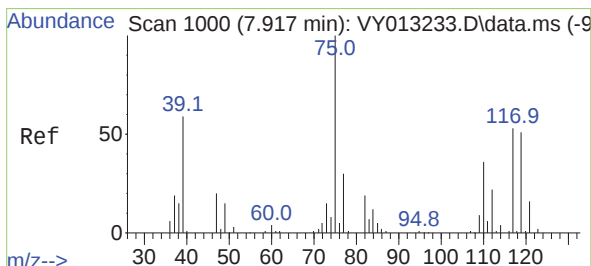
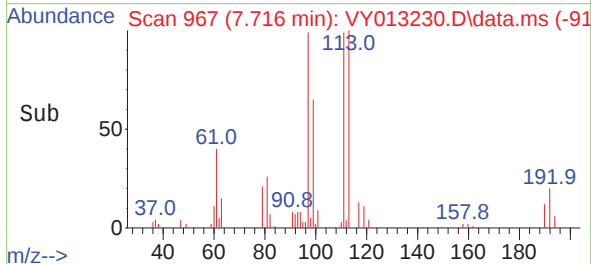
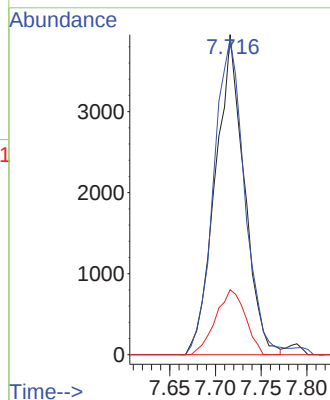
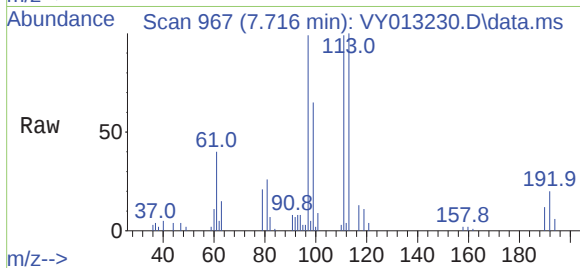




#35
Dibromofluoromethane
Concen: 10.047 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

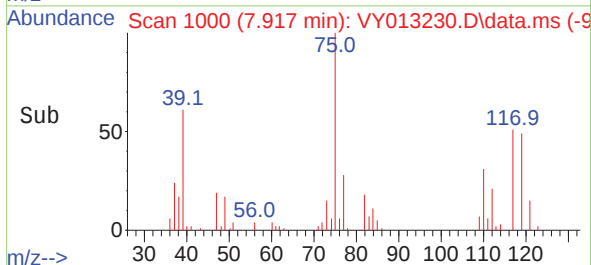
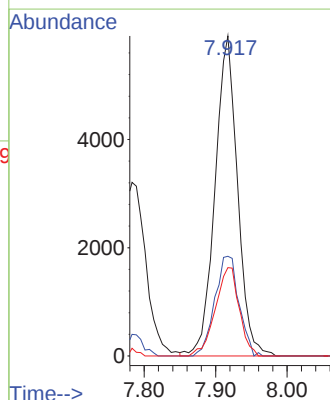
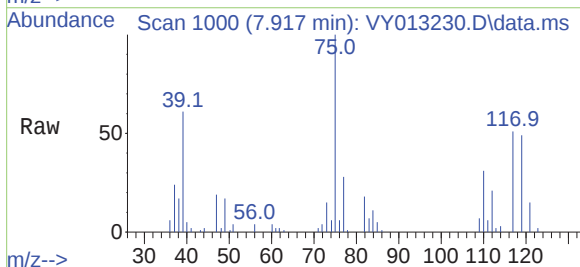
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

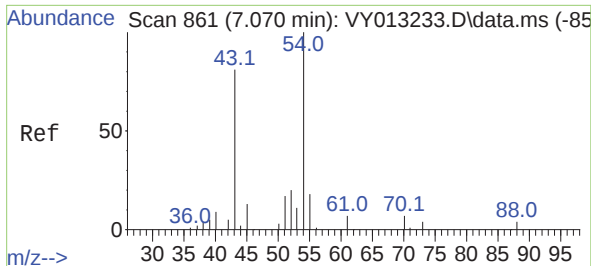
Tgt Ion:113 Resp: 8683
Ion Ratio Lower Upper
113 100
111 105.7 82.2 123.2
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 10.879 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 75 Resp: 12930
Ion Ratio Lower Upper
75 100
110 33.4 17.8 53.3
77 29.3 25.0 37.4





#37

Ethyl Acetate

Concen: 9.747 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

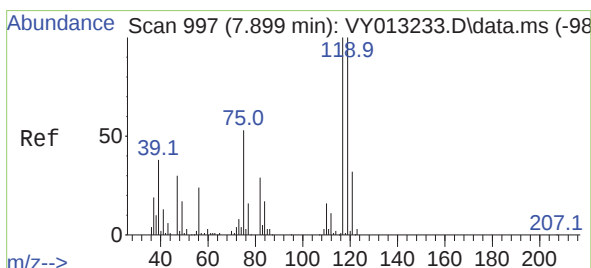
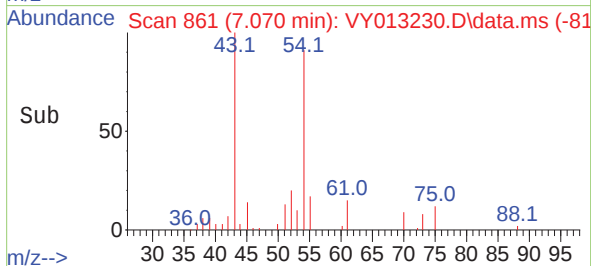
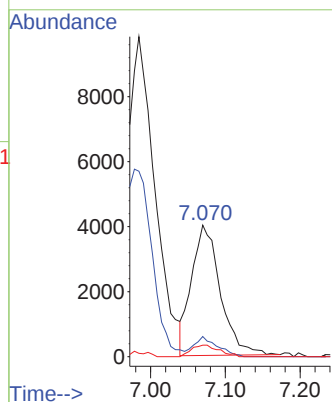
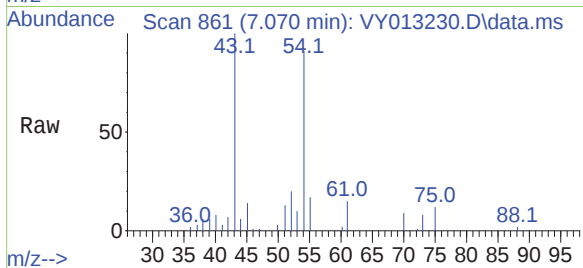
Tgt Ion: 43 Resp: 10723

Ion Ratio Lower Upper

43 100

61 12.5 10.7 16.1

70 8.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 10.750 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

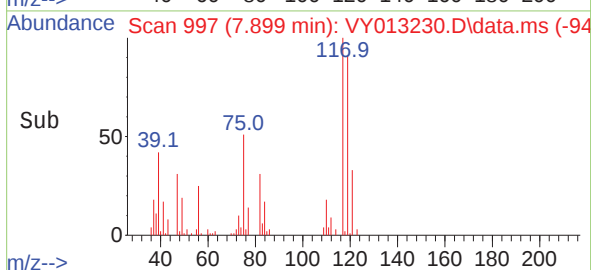
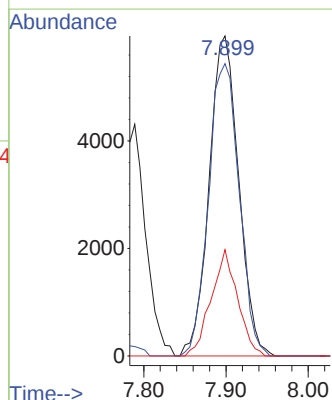
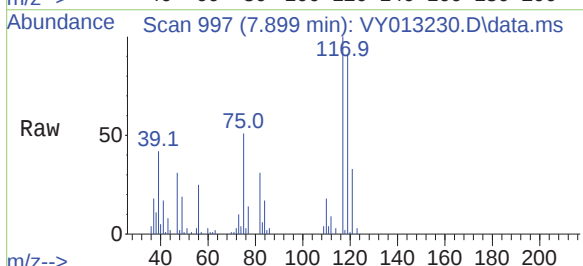
Tgt Ion: 117 Resp: 14877

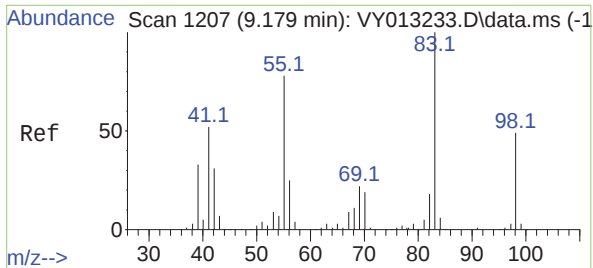
Ion Ratio Lower Upper

117 100

119 91.4 77.2 115.8

121 33.2 24.7 37.1

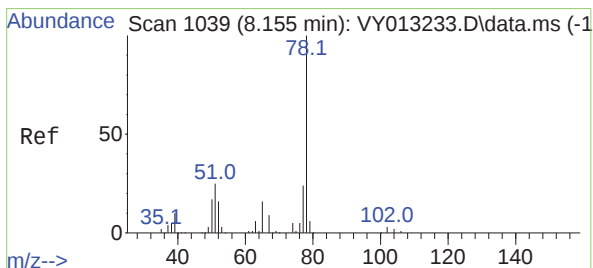
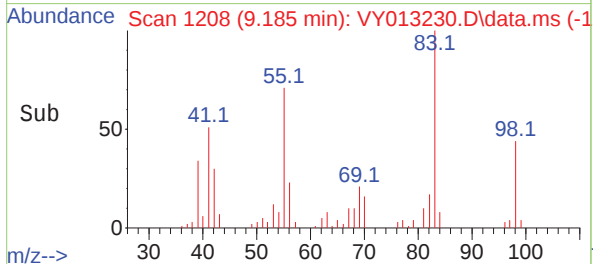
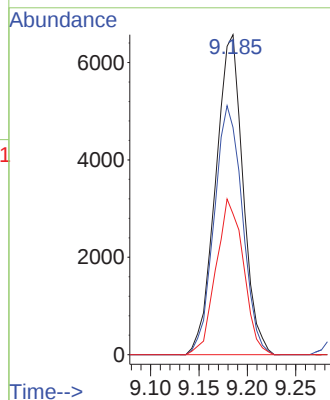
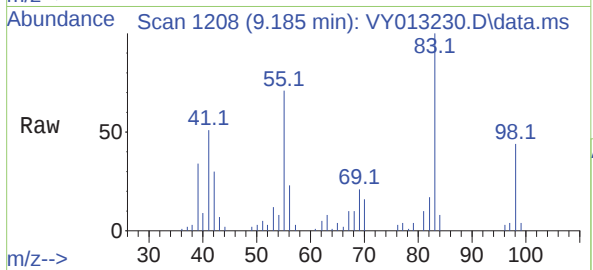




#39
Methylcyclohexane
Concen: 10.349 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

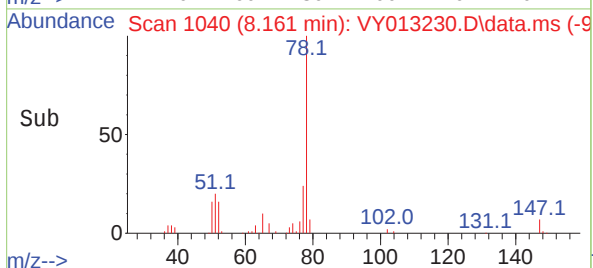
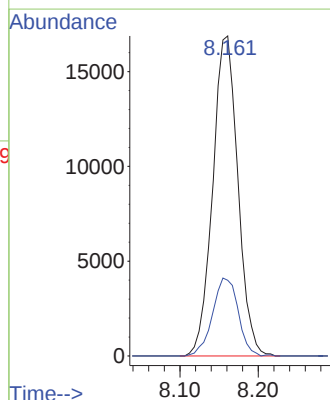
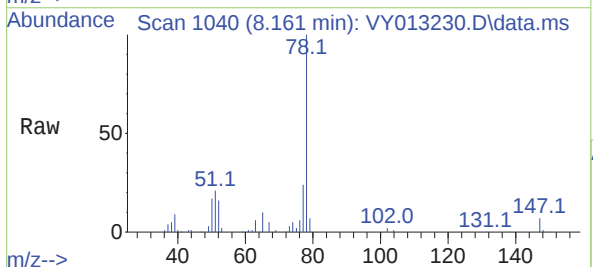
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

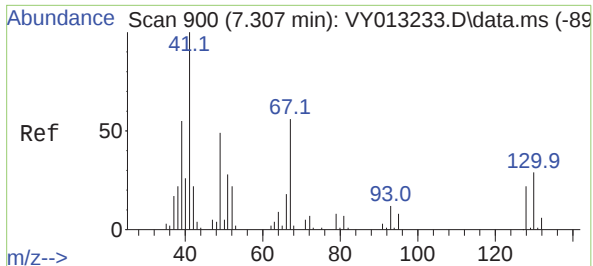
Tgt Ion: 83 Resp: 12926
Ion Ratio Lower Upper
83 100
55 71.0 60.0 90.0
98 44.0 38.3 57.5



#40
Benzene
Concen: 10.764 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

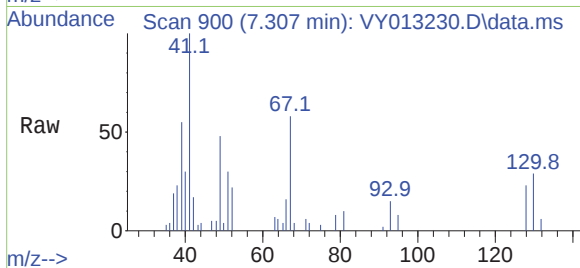
Tgt Ion: 78 Resp: 37688
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





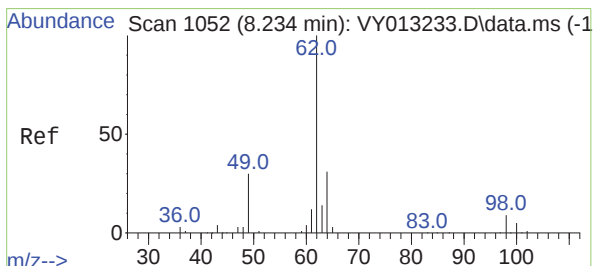
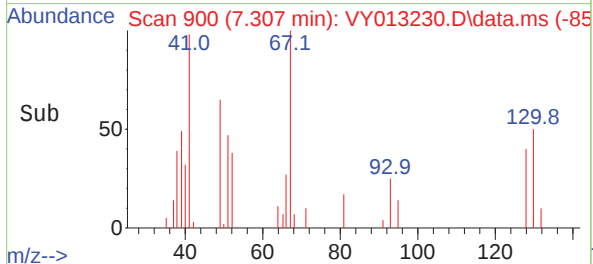
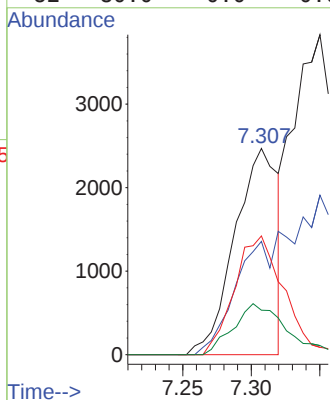
#41
Methacrylonitrile
Concen: 9.404 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 5395

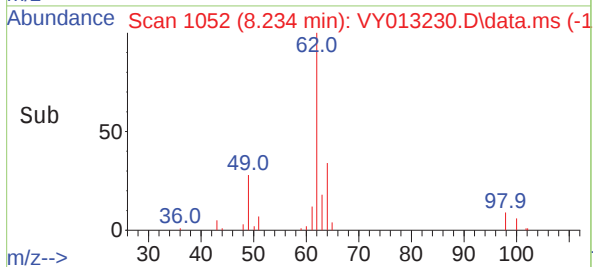
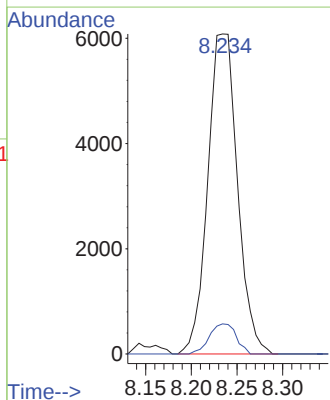
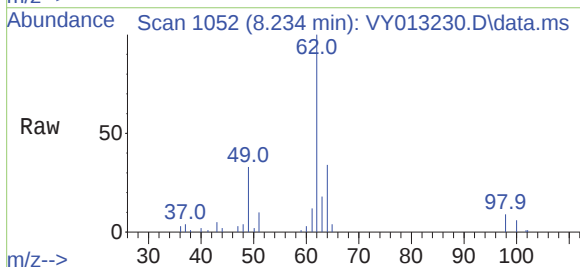
Ion	Ratio	Lower	Upper
41	100		
39	45.8	0.0	0.0#
67	66.4	0.0	0.0#
52	30.0	0.0	0.0#

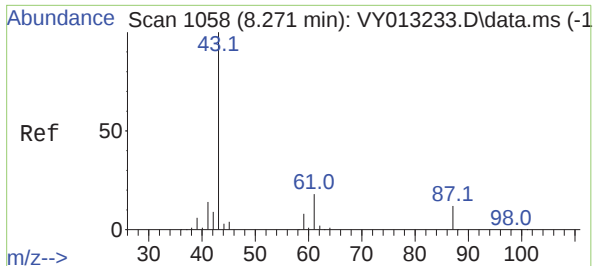


#42
1,2-Dichloroethane
Concen: 10.697 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 62 Resp: 13759

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.8





#43

Isopropyl Acetate

Concen: 10.146 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

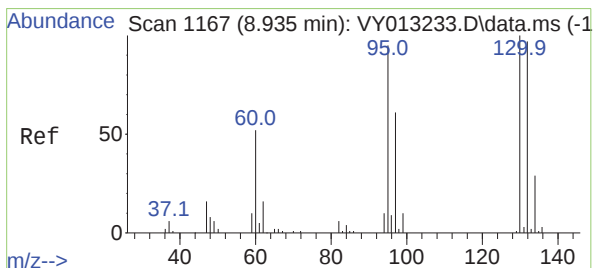
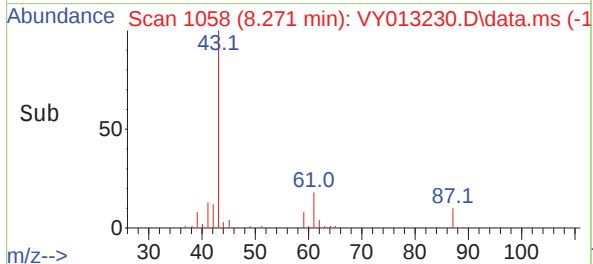
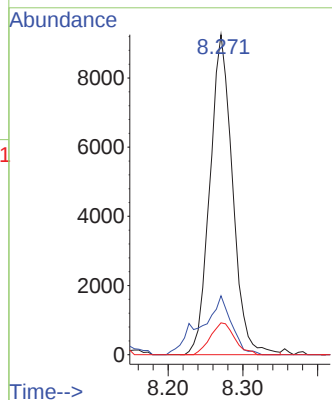
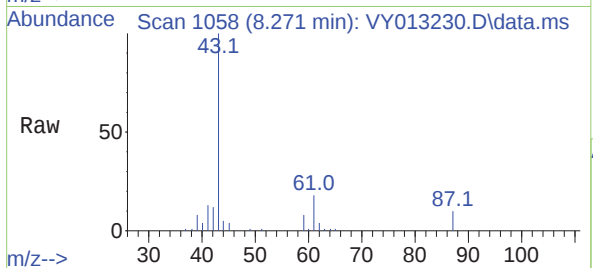
Tgt Ion: 43 Resp: 19499

Ion Ratio Lower Upper

43 100

61 24.8 21.6 32.4

87 10.6 9.9 14.9



#44

Trichloroethene

Concen: 10.672 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013230.D

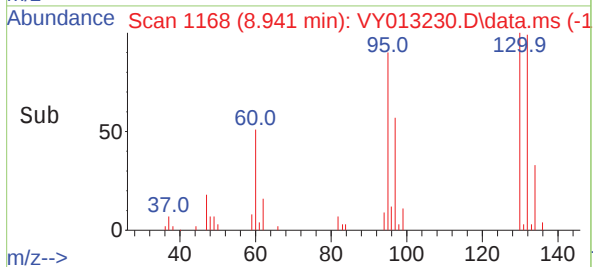
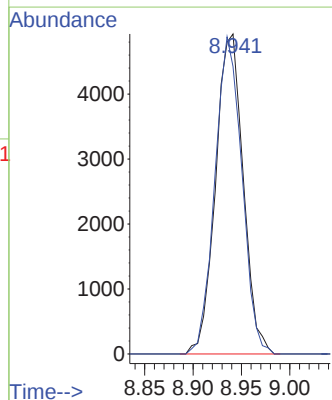
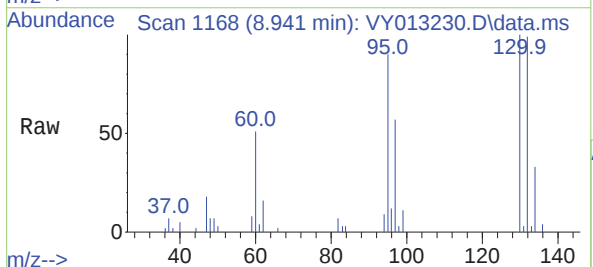
Acq: 10 Apr 2023 17:00

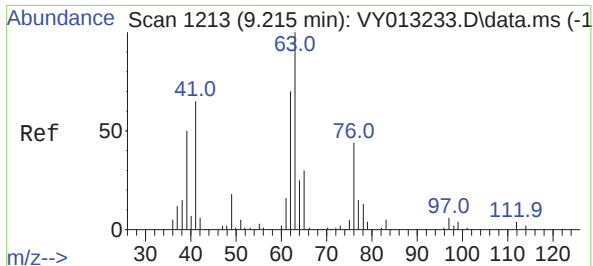
Tgt Ion:130 Resp: 9752

Ion Ratio Lower Upper

130 100

95 89.8 0.0 185.0

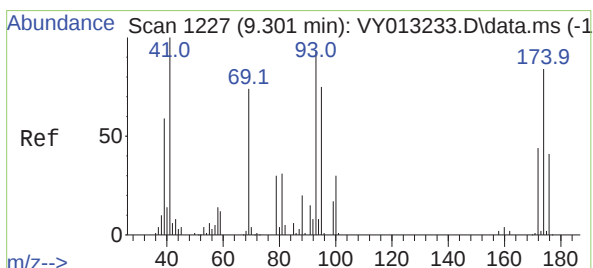
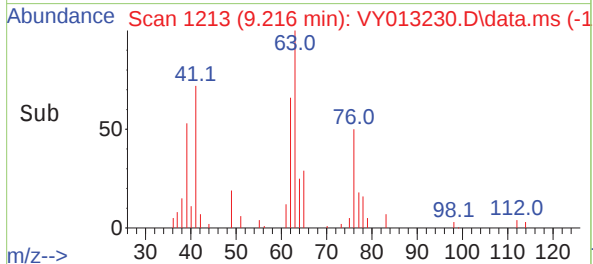
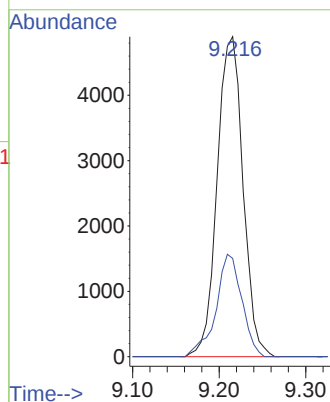
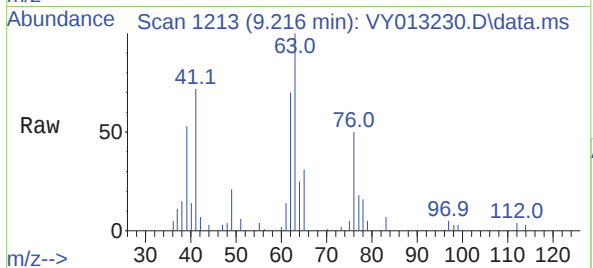




#45
1,2-Dichloropropane
Concen: 10.639 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.001 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

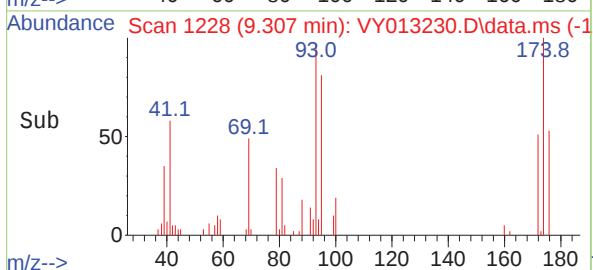
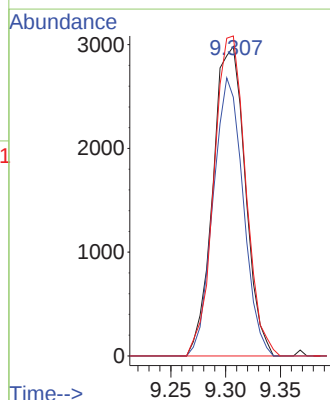
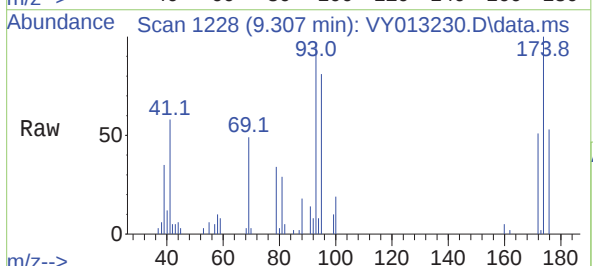
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

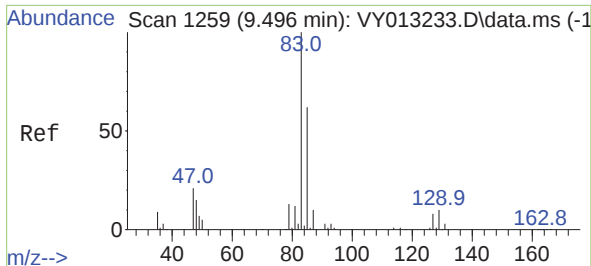
Tgt Ion: 63 Resp: 10144
Ion Ratio Lower Upper
63 100
65 30.7 25.7 38.5



#46
Dibromomethane
Concen: 10.535 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 93 Resp: 6114
Ion Ratio Lower Upper
93 100
95 83.4 65.6 98.4
174 101.2 81.3 121.9

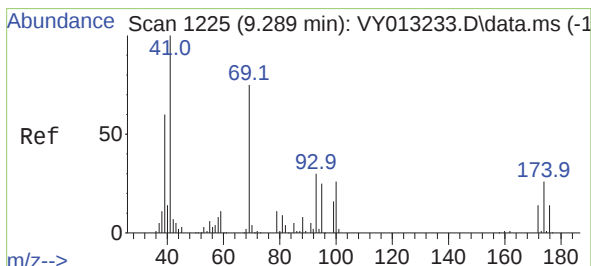
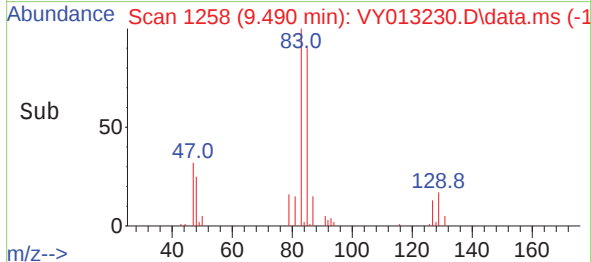
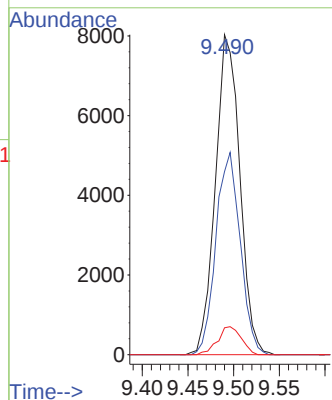
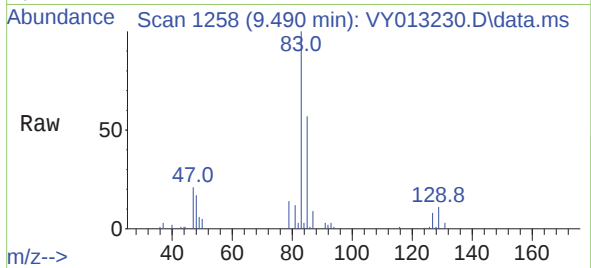




#47
Bromodichloromethane
Concen: 10.669 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

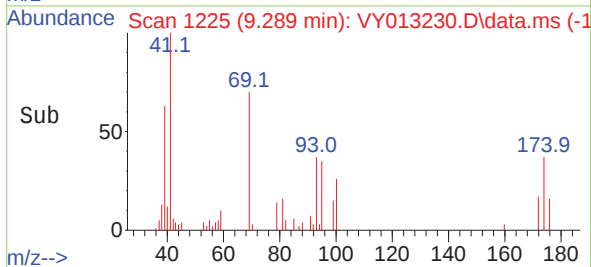
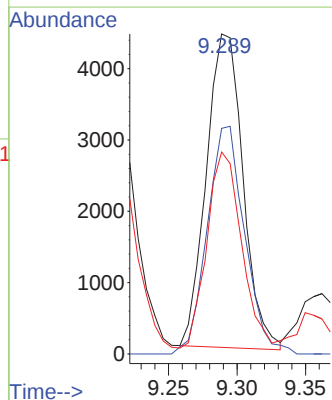
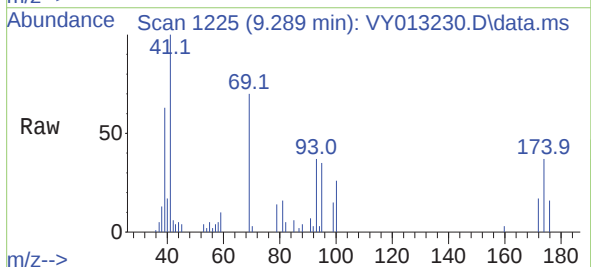
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

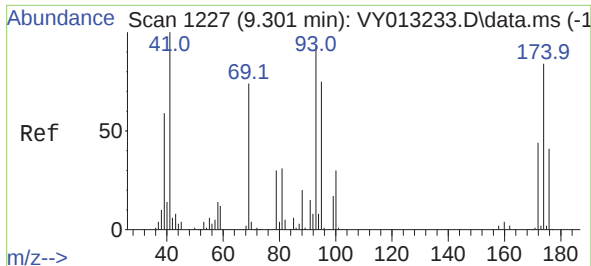
Tgt Ion: 83	Resp: 14950
Ion Ratio	Lower Upper
83 100	
85 57.2	50.2 75.4
127 8.4	6.3 9.5



#48
Methyl methacrylate
Concen: 9.707 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 41	Resp: 8192
Ion Ratio	Lower Upper
41 100	
69 74.0	64.1 96.1
39 63.6	44.0 66.0





#49

1,4-Dioxane

Concen: 178.439 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

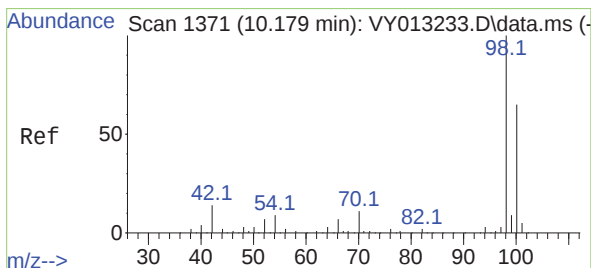
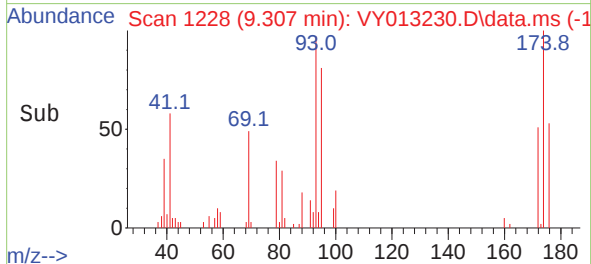
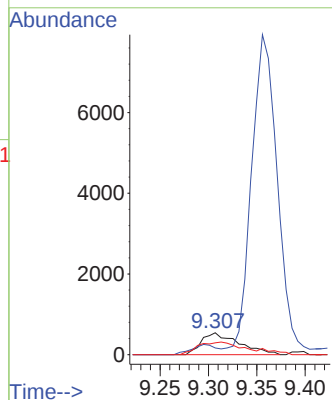
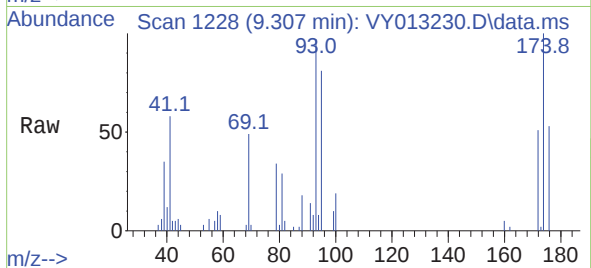
Tgt Ion: 88 Resp: 1473

Ion Ratio Lower Upper

88 100

43 31.4 28.6 42.8

58 65.1 55.2 82.8



#50

Toluene-d8

Concen: 9.863 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013230.D

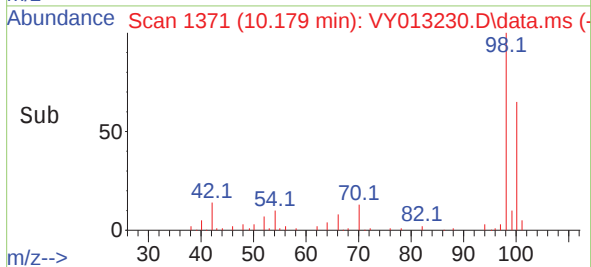
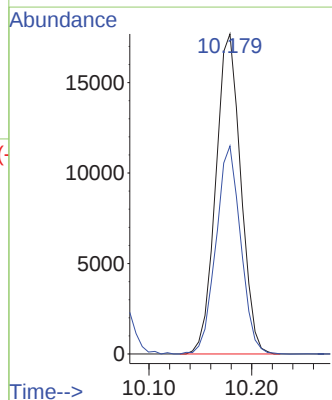
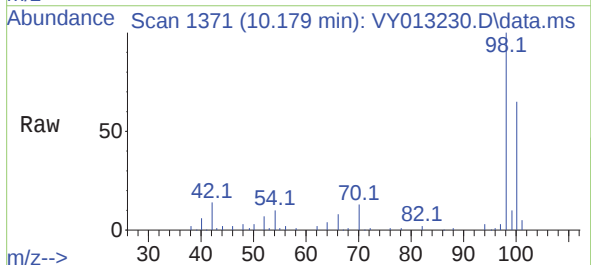
Acq: 10 Apr 2023 17:00

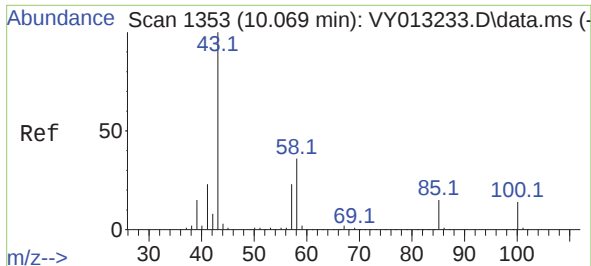
Tgt Ion: 98 Resp: 29841

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 49.111 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

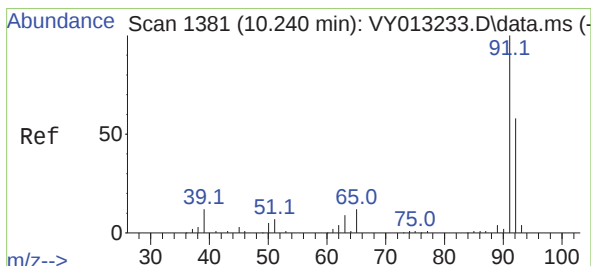
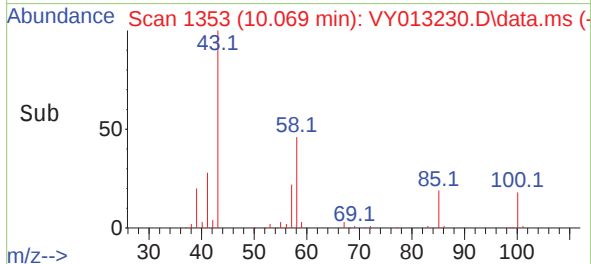
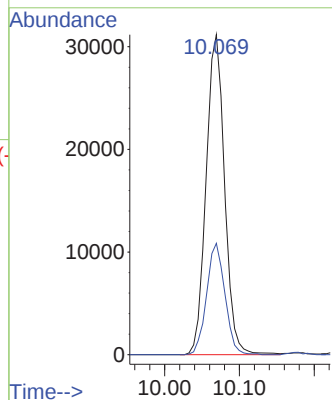
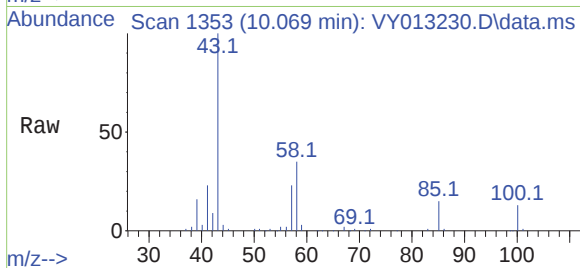
VSTDICC010

Tgt Ion: 43 Resp: 53523

Ion Ratio Lower Upper

43 100

58 34.5 29.8 44.6



#52

Toluene

Concen: 10.358 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY013230.D

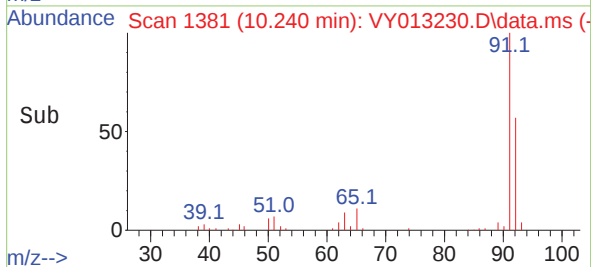
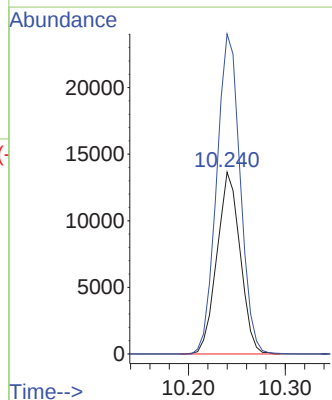
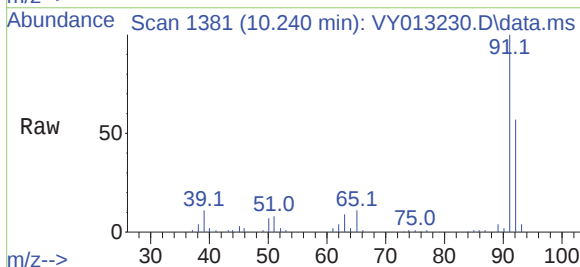
Acq: 10 Apr 2023 17:00

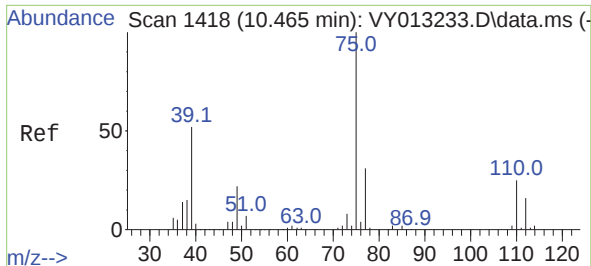
Tgt Ion: 92 Resp: 22741

Ion Ratio Lower Upper

92 100

91 178.9 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 10.015 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

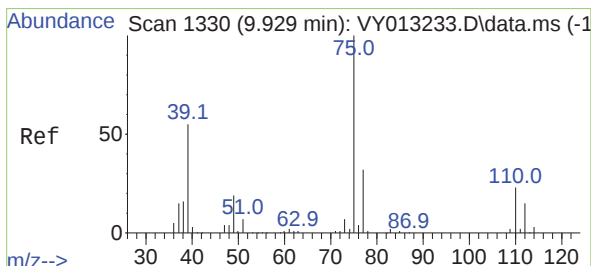
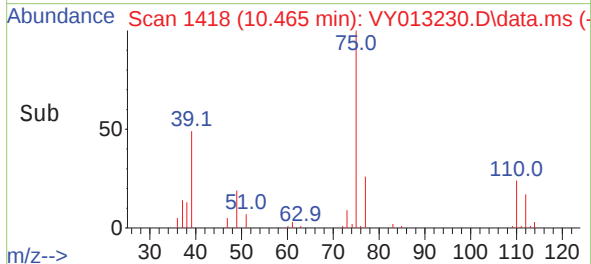
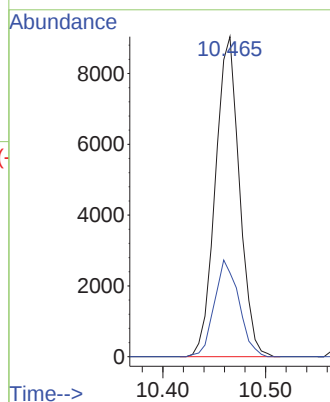
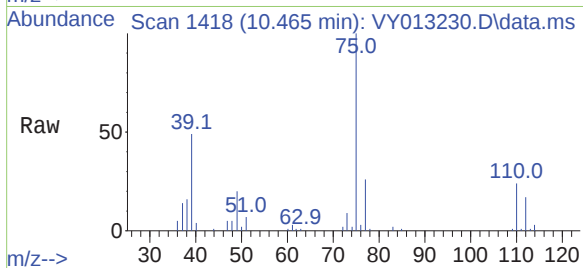
VSTDICC010

Tgt Ion: 75 Resp: 14705

Ion Ratio Lower Upper

75 100

77 26.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 10.531 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

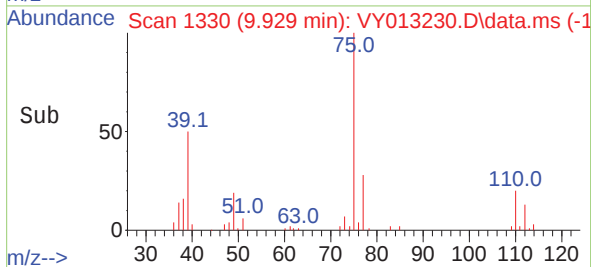
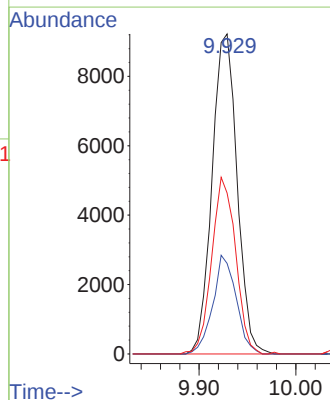
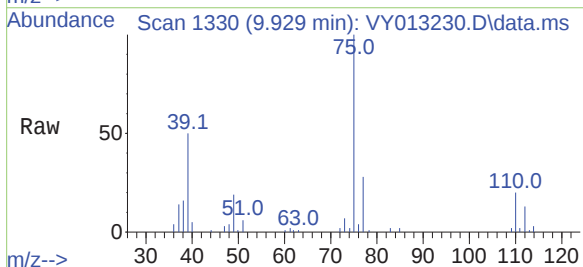
Tgt Ion: 75 Resp: 16583

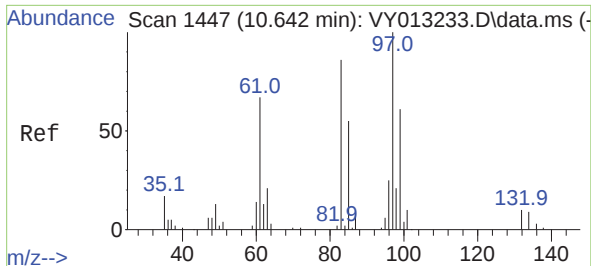
Ion Ratio Lower Upper

75 100

77 28.3 25.4 38.0

39 50.3 39.0 58.4

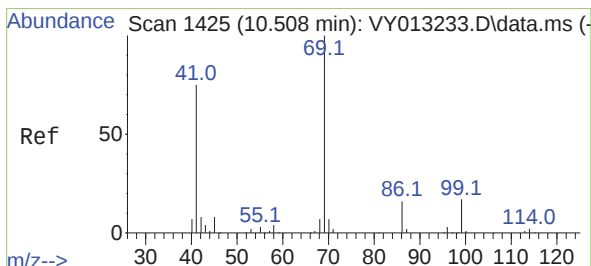
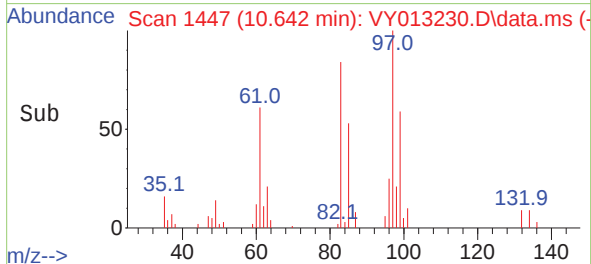
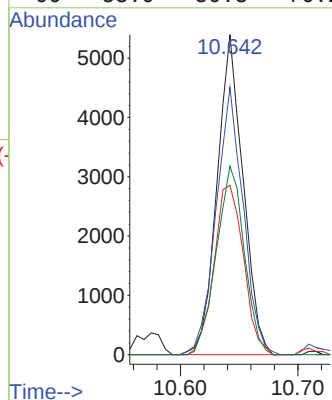
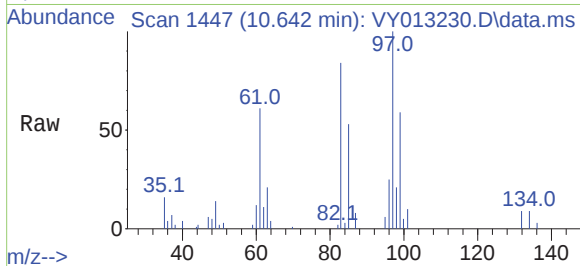




#55
1,1,2-Trichloroethane
Concen: 10.130 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

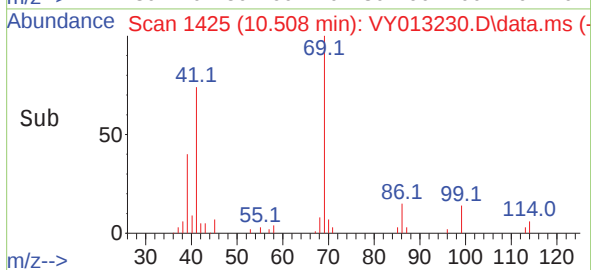
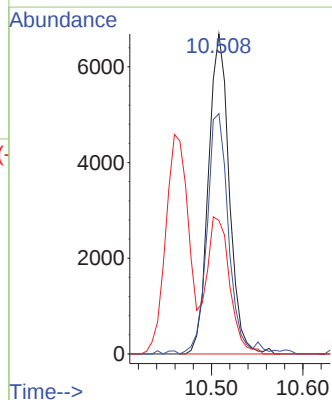
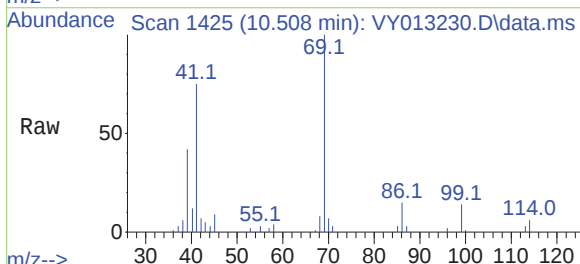
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

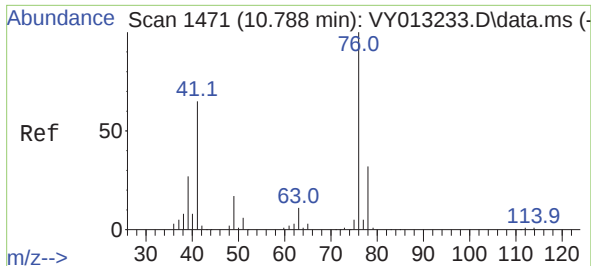
Tgt Ion	97	Resp: Lower	8314 Upper
	97	100	
	83	83.6	69.0 103.6
	85	52.9	44.9 67.3
	99	58.9	50.8 76.2



#56
Ethyl methacrylate
Concen: 9.233 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 69	Resp: 10588
Ion Ratio	Lower Upper
69 100	
41 76.8	56.4 84.6
39 47.5	30.8 46.2#

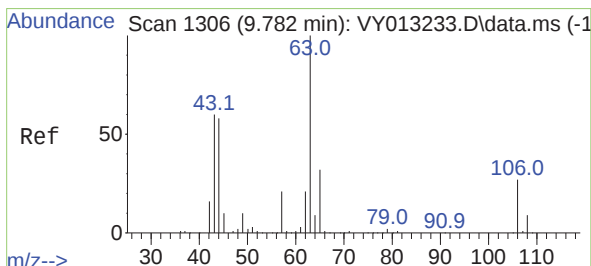
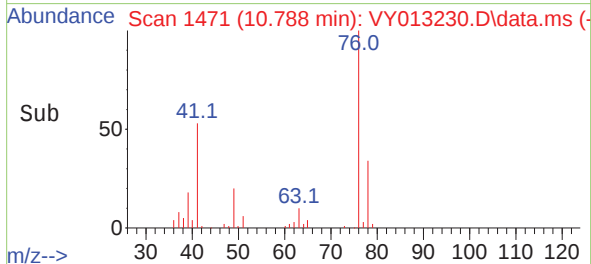
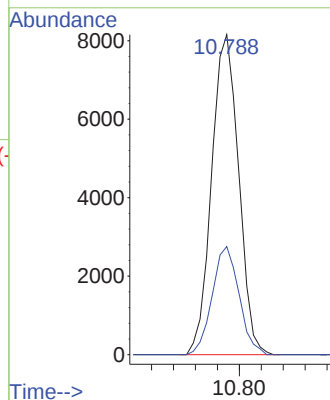
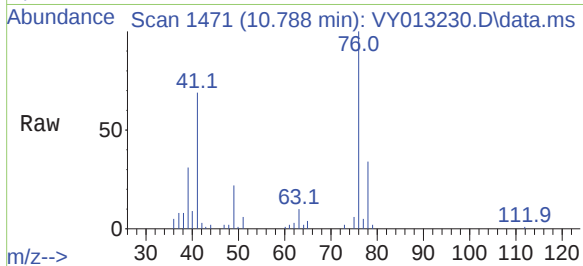




#57
1,3-Dichloropropane
Concen: 10.073 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

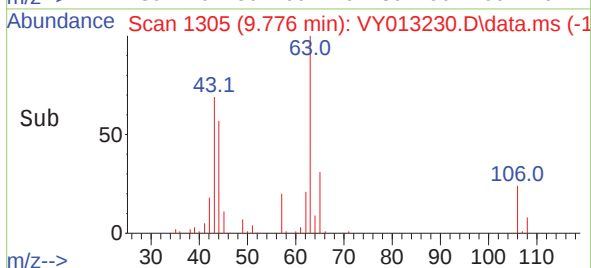
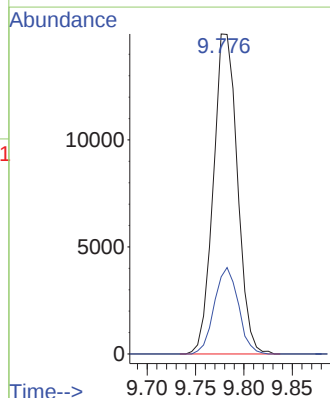
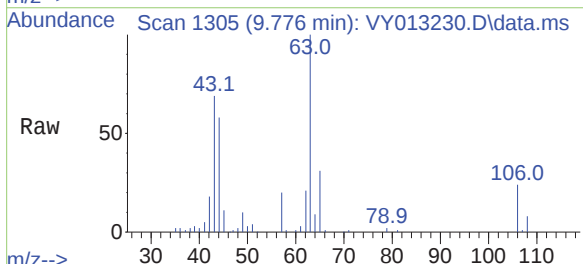
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

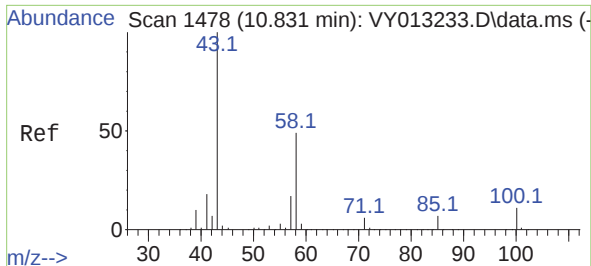
Tgt Ion: 76 Resp: 13945
Ion Ratio Lower Upper
76 100
78 33.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 49.738 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 63 Resp: 25870
Ion Ratio Lower Upper
63 100
106 26.9 22.1 33.1





#59

2-Hexanone

Concen: 48.663 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

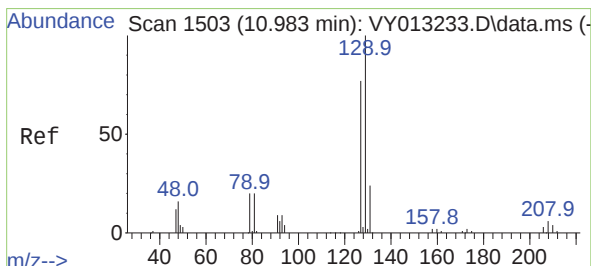
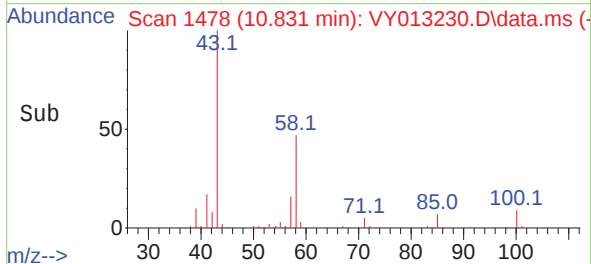
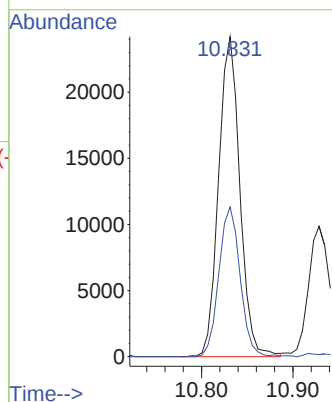
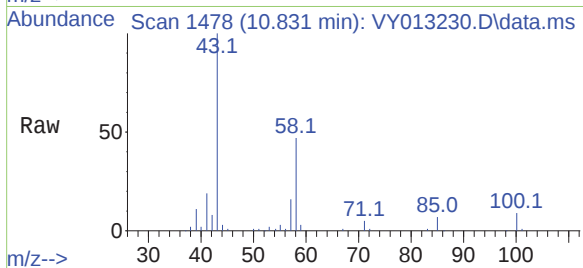
VSTDIC010

Tgt Ion: 43 Resp: 39111

Ion Ratio Lower Upper

43 100

58 46.9 25.9 77.8



#60

Dibromochloromethane

Concen: 10.067 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.001 min

Lab File: VY013230.D

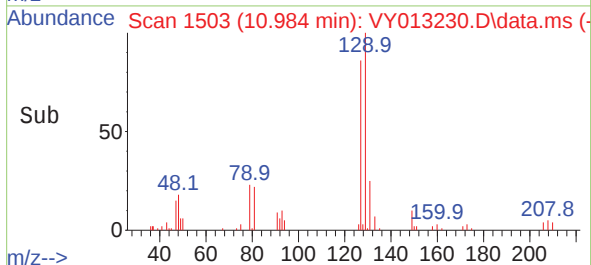
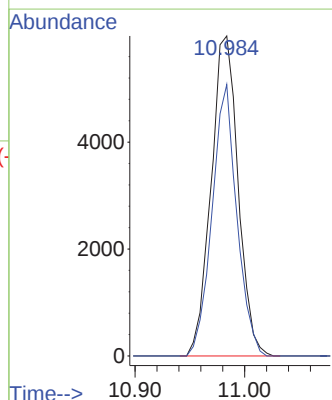
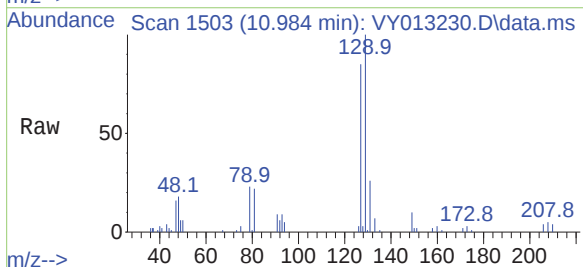
Acq: 10 Apr 2023 17:00

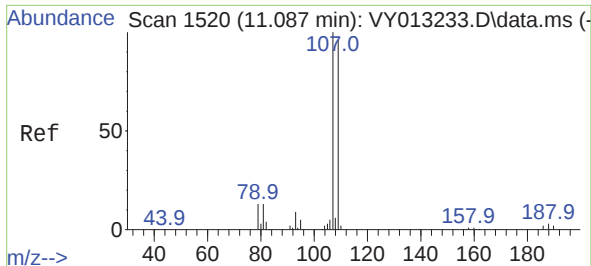
Tgt Ion: 129 Resp: 10282

Ion Ratio Lower Upper

129 100

127 77.5 38.7 116.1

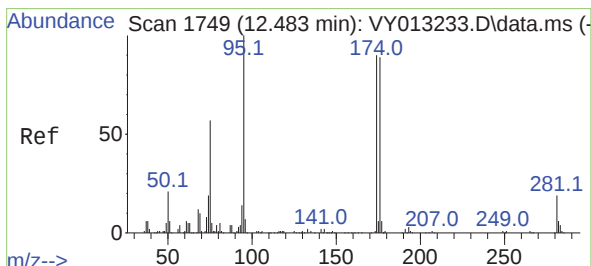
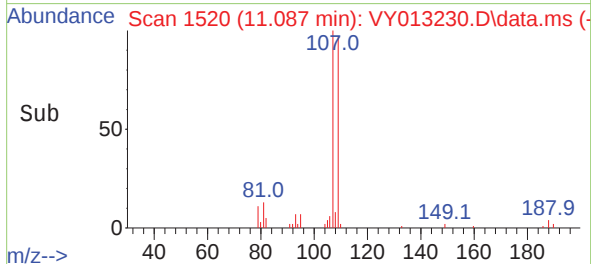
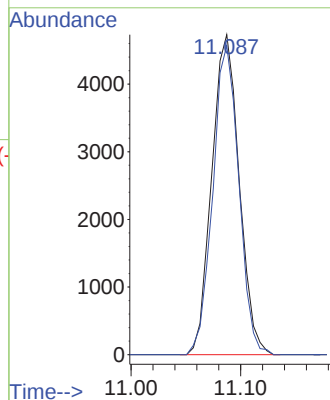
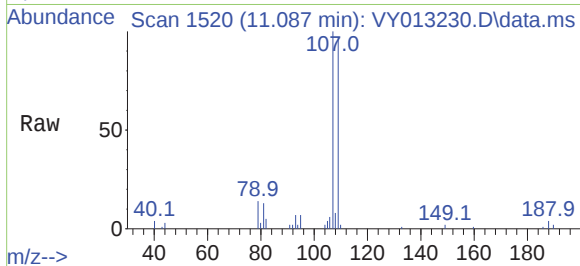




#61
1,2-Dibromoethane
Concen: 10.479 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

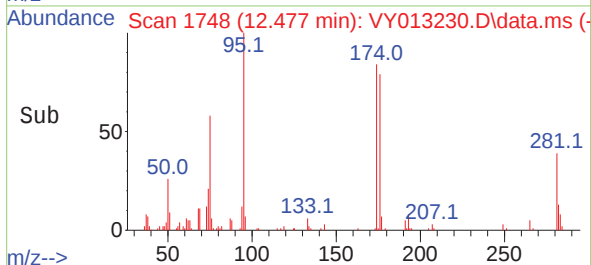
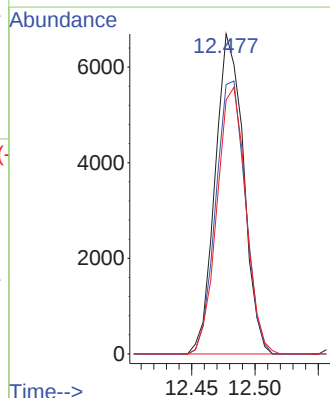
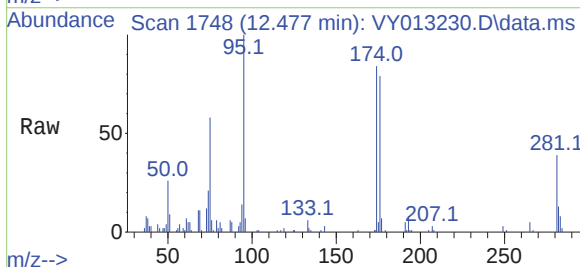
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

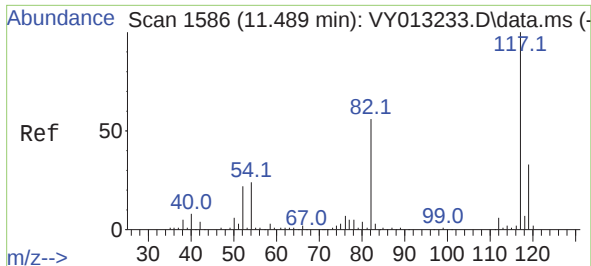
Tgt Ion:107 Resp: 8210
Ion Ratio Lower Upper
107 100
109 91.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 9.620 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 95 Resp: 10394
Ion Ratio Lower Upper
95 100
174 88.8 0.0 176.6
176 85.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

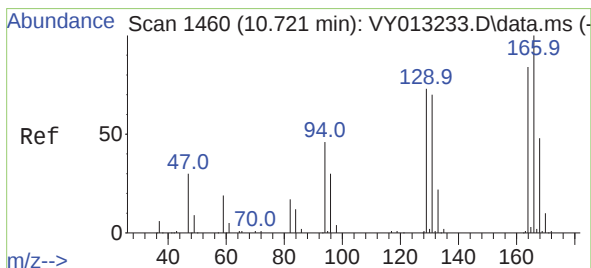
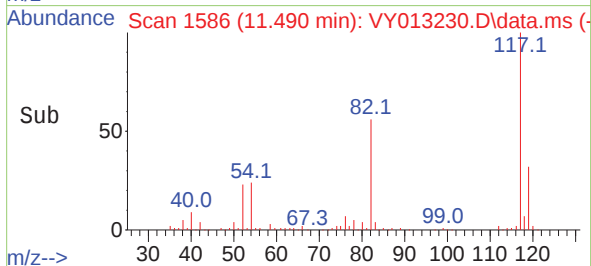
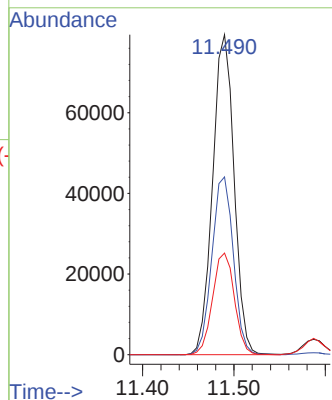
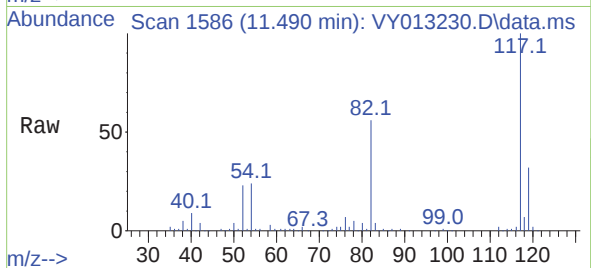
Tgt Ion:117 Resp: 129635

Ion Ratio Lower Upper

117 100

82 55.6 45.4 68.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 11.023 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Tgt Ion:164 Resp: 8823

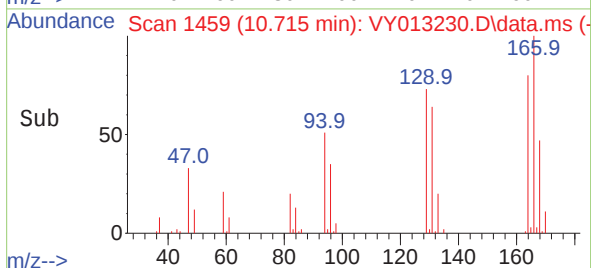
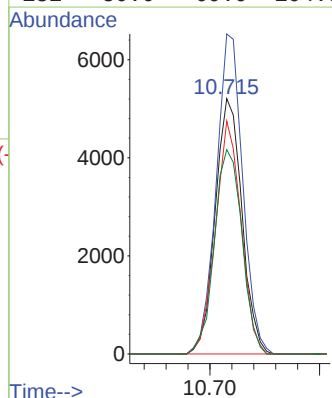
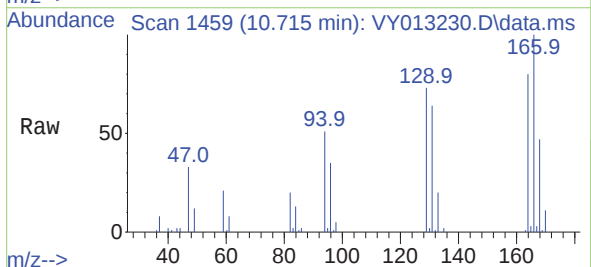
Ion Ratio Lower Upper

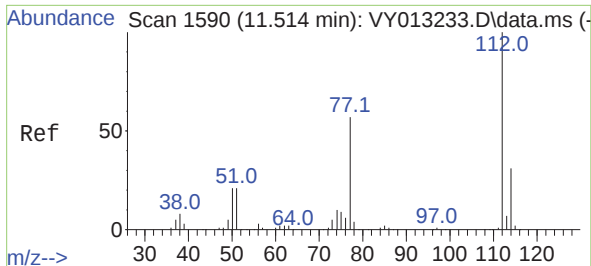
164 100

166 125.3 103.4 155.2

129 91.2 71.4 107.2

131 80.0 69.9 104.9





#65

Chlorobenzene

Concen: 10.610 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

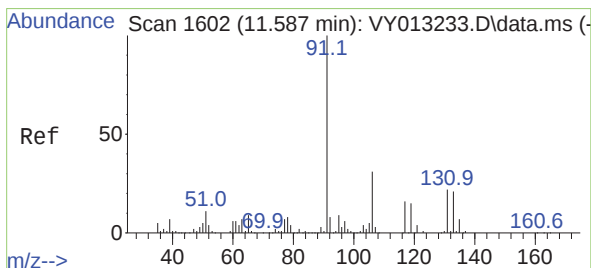
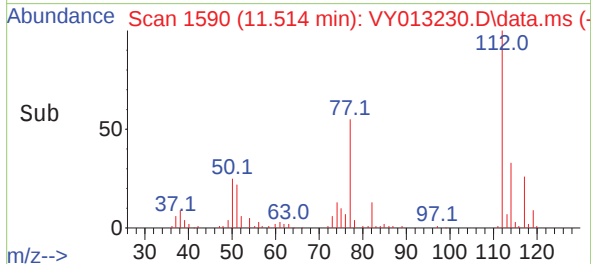
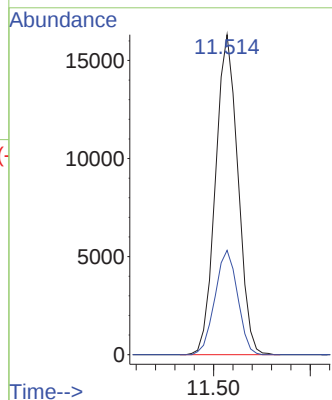
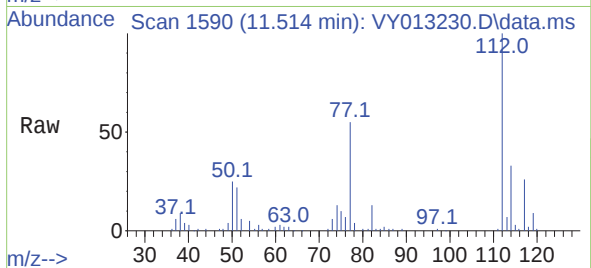
VSTDICC010

Tgt Ion:112 Resp: 26213

Ion Ratio Lower Upper

112 100

114 32.6 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 10.500 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

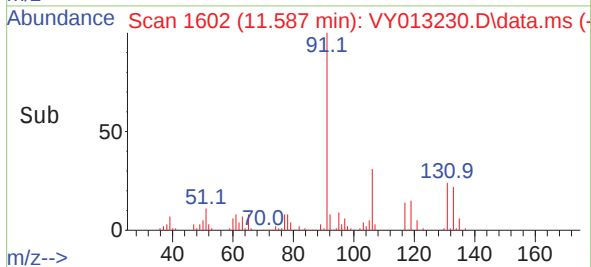
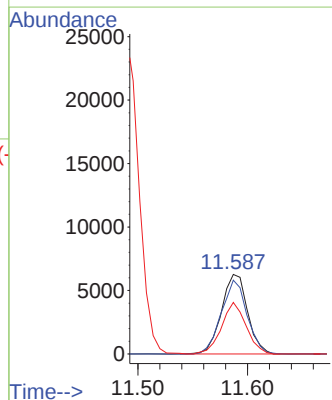
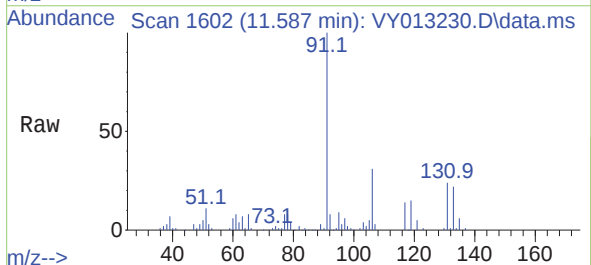
Tgt Ion:131 Resp: 10317

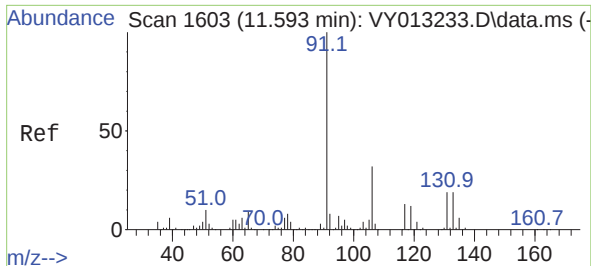
Ion Ratio Lower Upper

131 100

133 91.8 48.0 144.0

119 61.3 32.6 98.0

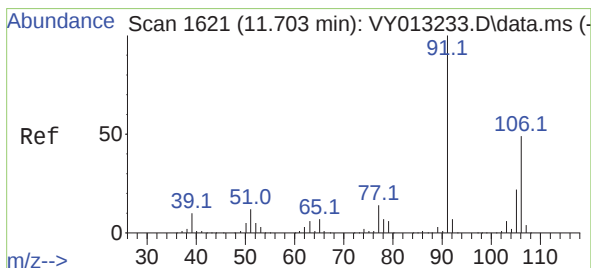
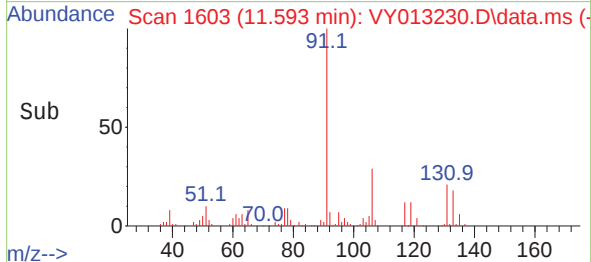
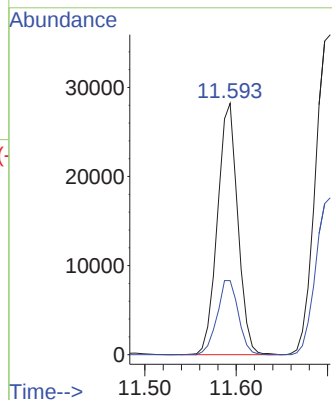
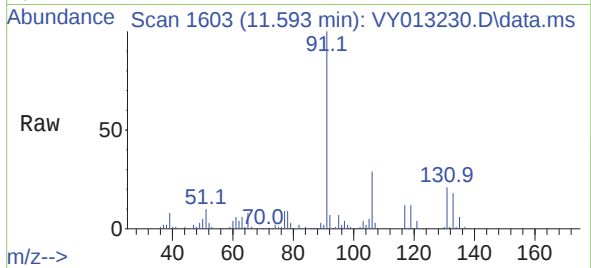




#67
Ethyl Benzene
Concen: 10.177 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

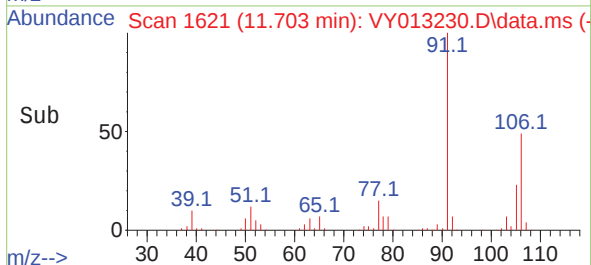
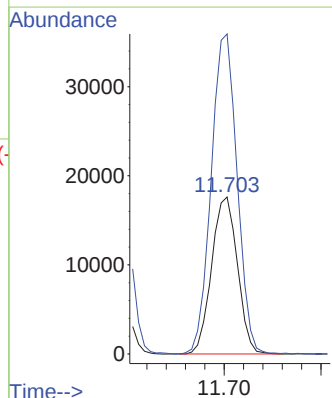
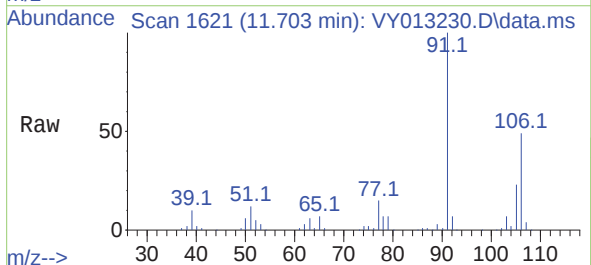
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

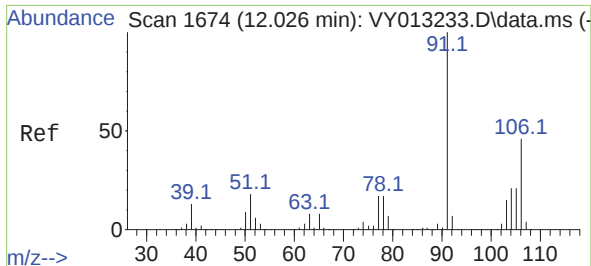
Tgt Ion: 91 Resp: 43642
Ion Ratio Lower Upper
91 100
106 29.4 25.1 37.7



#68
m/p-Xylenes
Concen: 19.978 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion:106 Resp: 32598
Ion Ratio Lower Upper
106 100
91 205.2 159.8 239.8





#69

o-Xylene

Concen: 9.963 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

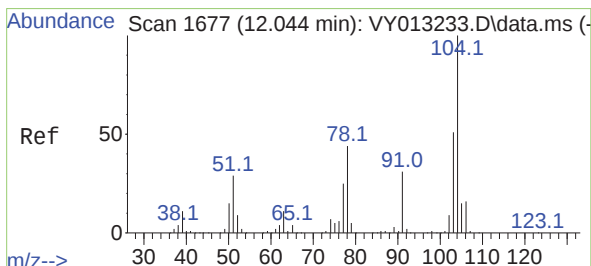
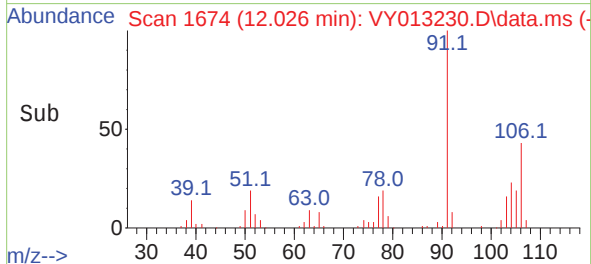
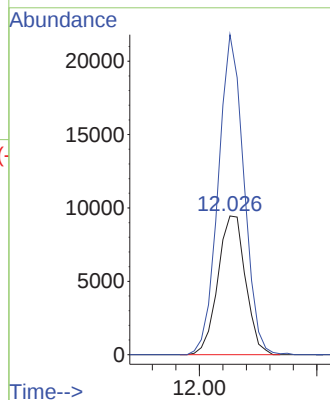
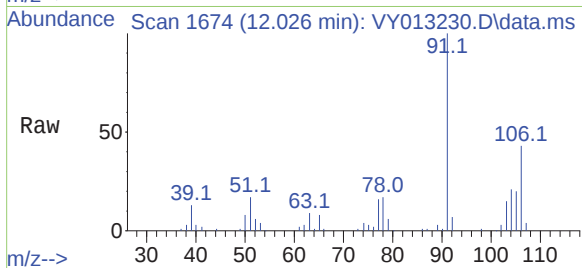
VSTDICC010

Tgt Ion:106 Resp: 15453

Ion Ratio Lower Upper

106 100

91 214.1 107.2 321.6



#70

Styrene

Concen: 9.903 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

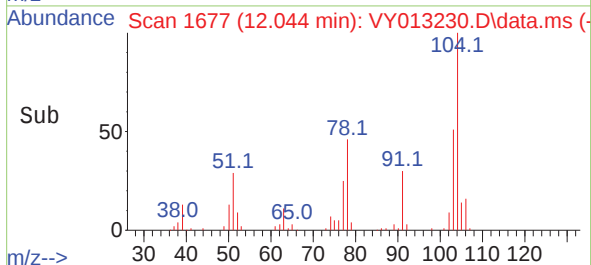
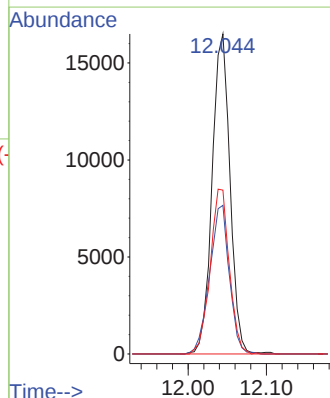
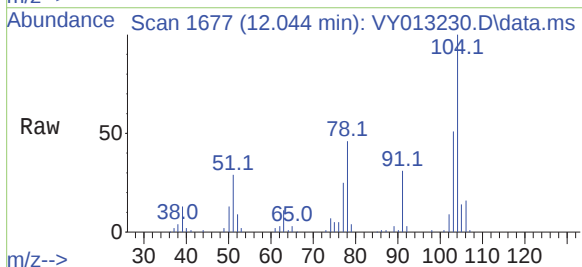
Tgt Ion:104 Resp: 26192

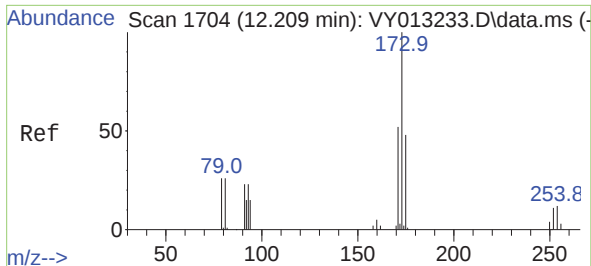
Ion Ratio Lower Upper

104 100

78 51.1 39.2 58.8

103 55.0 43.7 65.5

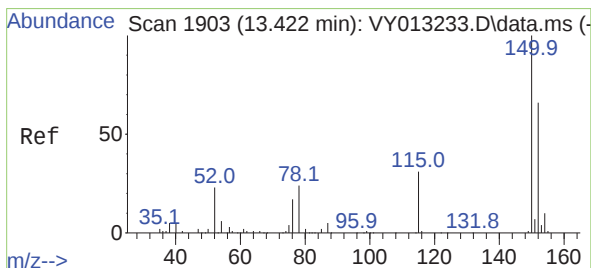
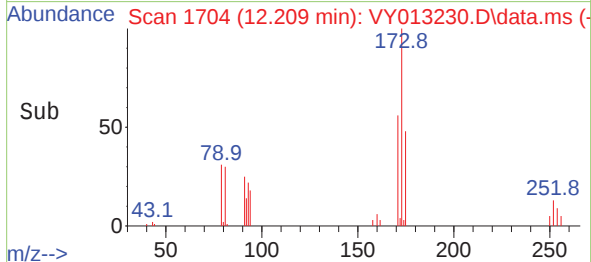
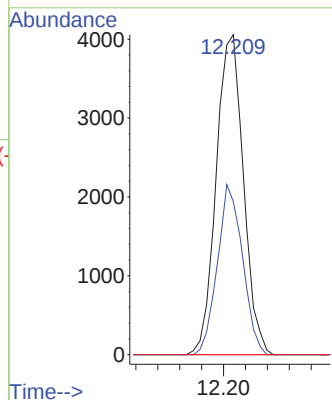
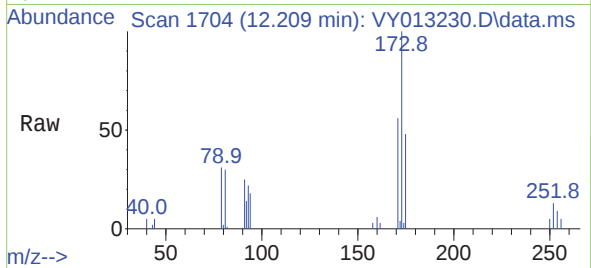




#71
Bromoform
Concen: 9.923 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

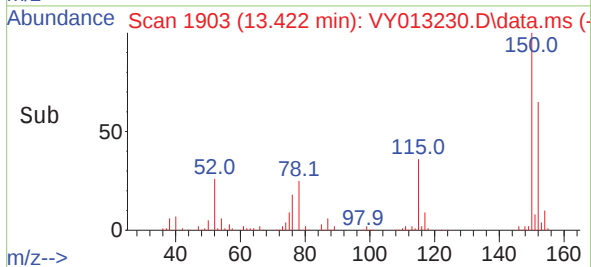
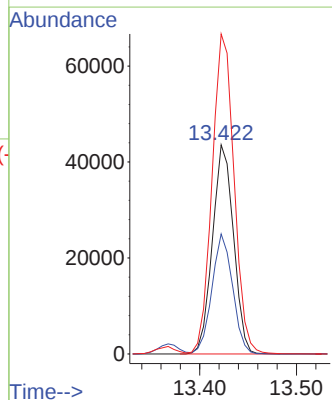
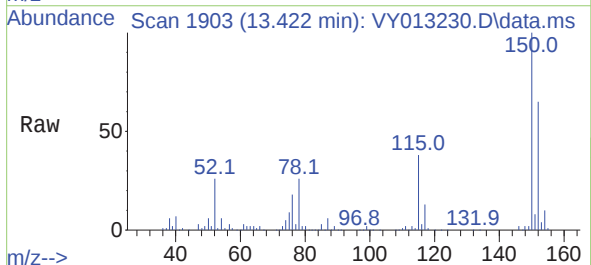
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

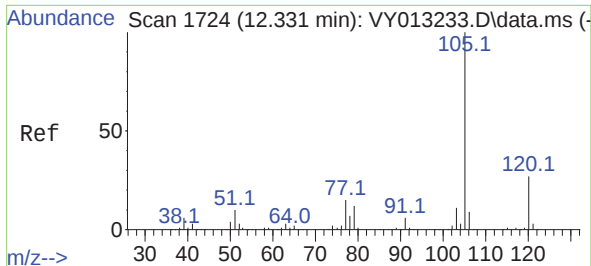
Tgt Ion:173 Resp: 6997
Ion Ratio Lower Upper
173 100
175 49.1 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion:152 Resp: 65911
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 159.8 0.0 347.8

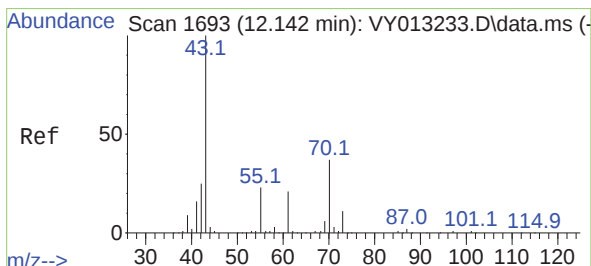
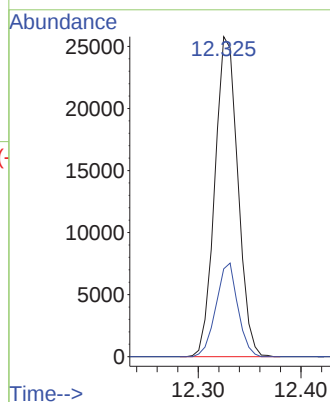
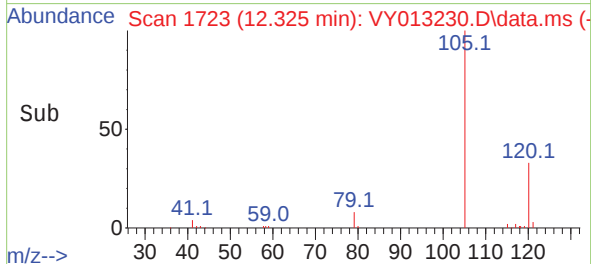
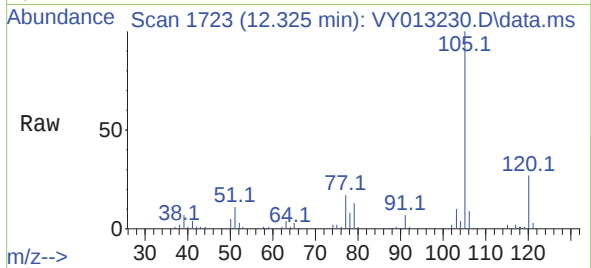




#73
Isopropylbenzene
Concen: 9.677 ug/l
RT: 12.325 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

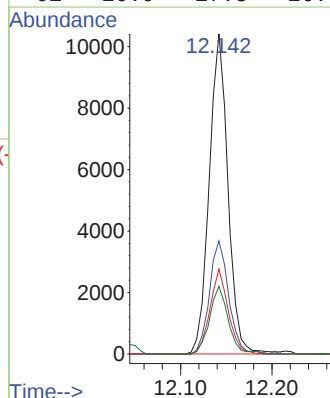
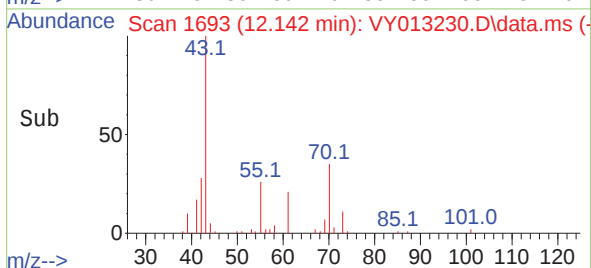
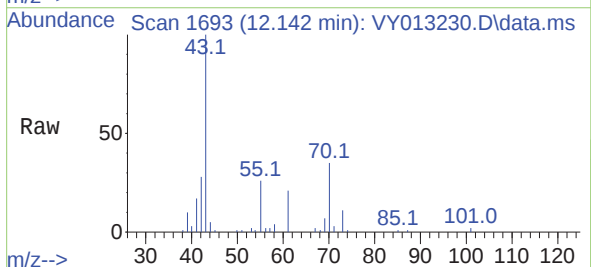
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

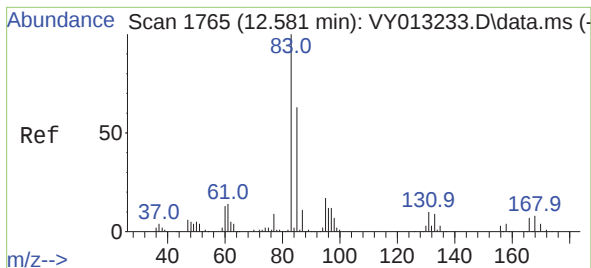
Tgt Ion:105 Resp: 40036
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#74
N-ethyl acetate
Concen: 9.360 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 43 Resp: 14813
Ion Ratio Lower Upper
43 100
70 36.3 31.6 47.4
55 25.8 18.8 28.2
61 20.9 17.8 26.8

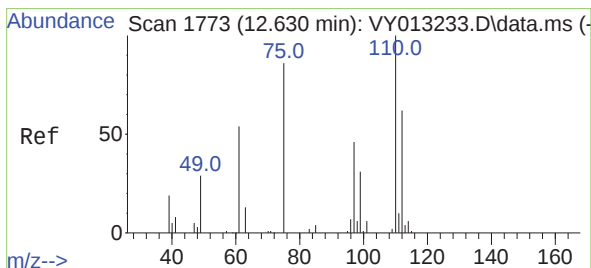
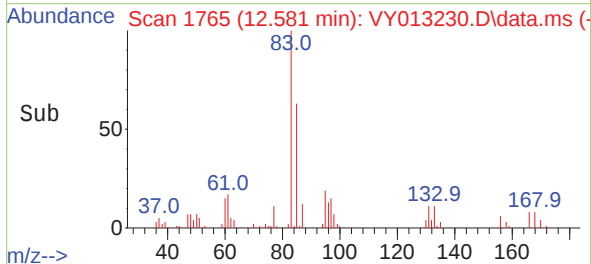
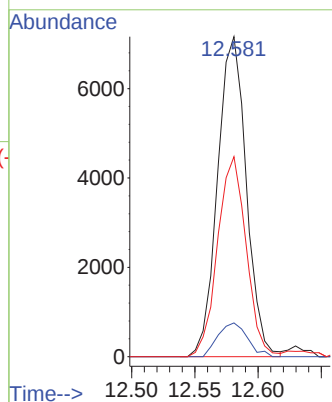
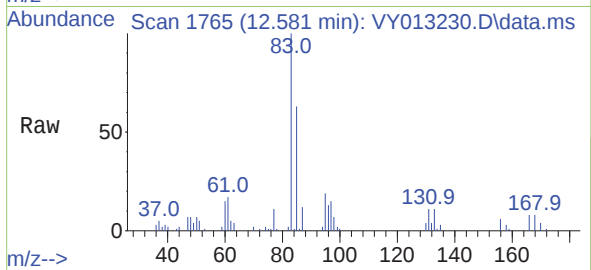




#75
1,1,2,2-Tetrachloroethane
Concen: 10.221 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

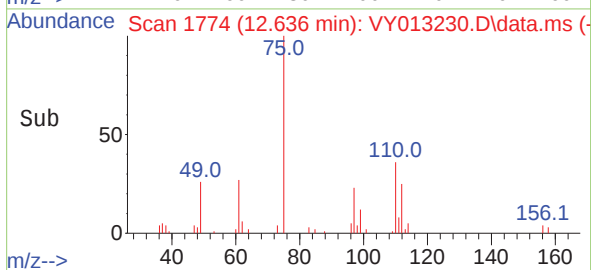
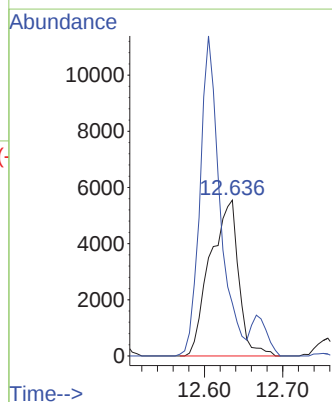
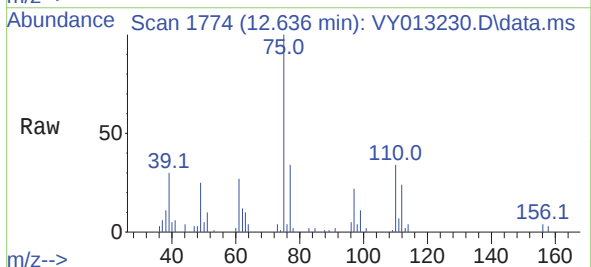
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

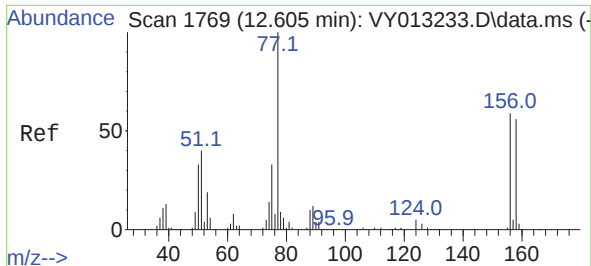
Tgt Ion: 83 Resp: 11304
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.2
85 62.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 16.944 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 75 Resp: 14081
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

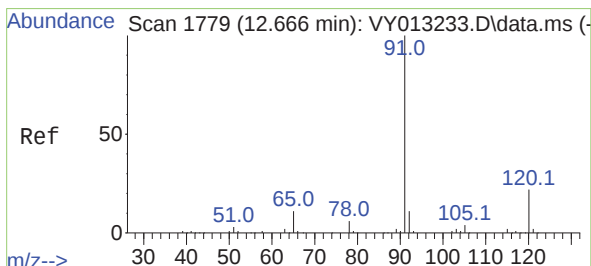
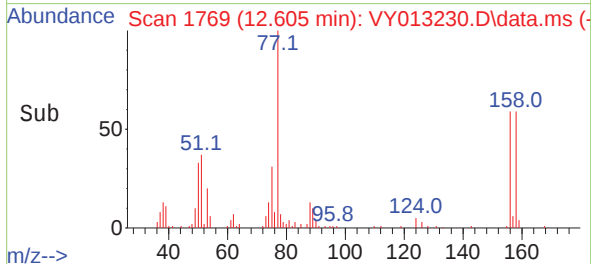
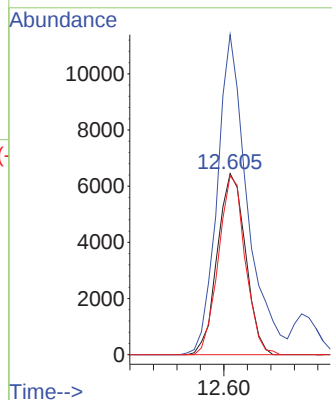
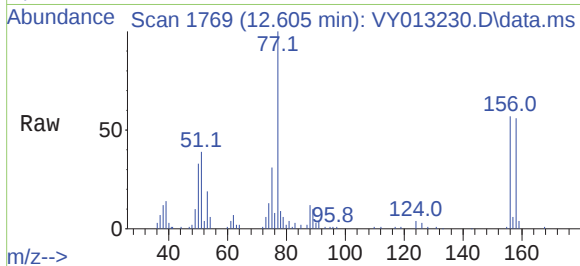




#77
Bromobenzene
Concen: 10.187 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

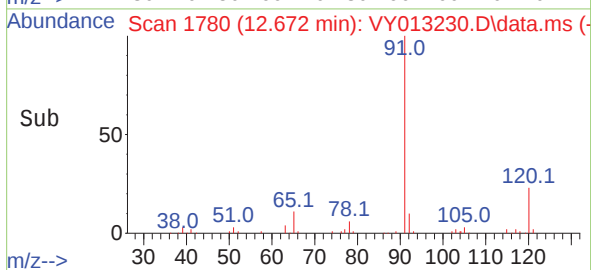
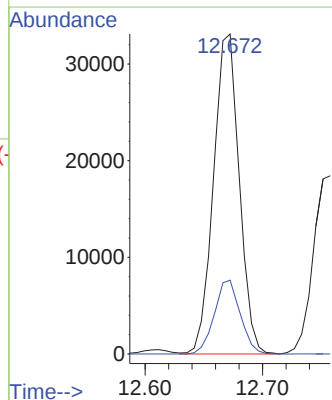
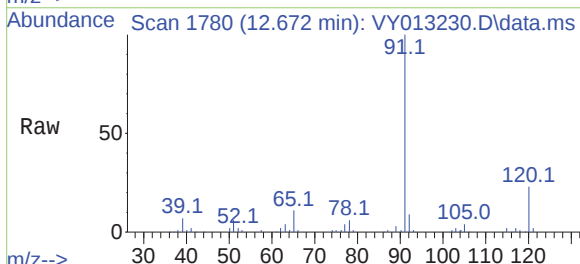
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

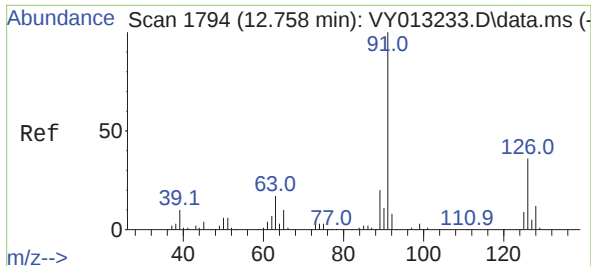
Tgt Ion:156 Resp: 10724
Ion Ratio Lower Upper
156 100
77 189.8 94.0 282.1
158 94.1 48.1 144.4



#78
n-propylbenzene
Concen: 9.881 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion: 91 Resp: 50321
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 10.108 ug/l

RT: 12.758 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

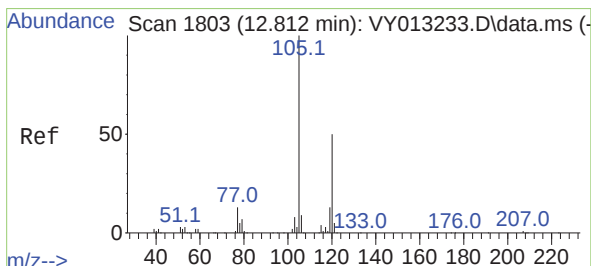
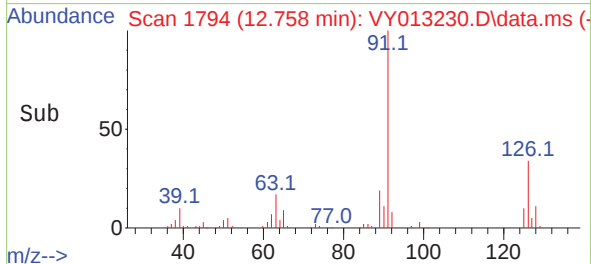
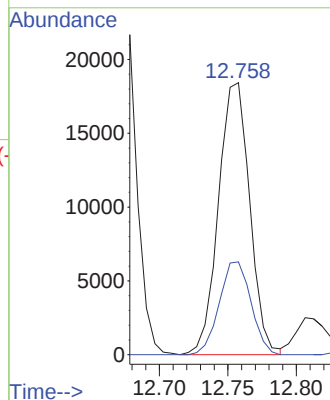
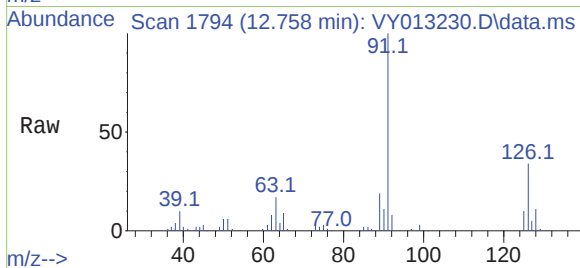
VSTDICC010

Tgt Ion: 91 Resp: 29313

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 9.814 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013230.D

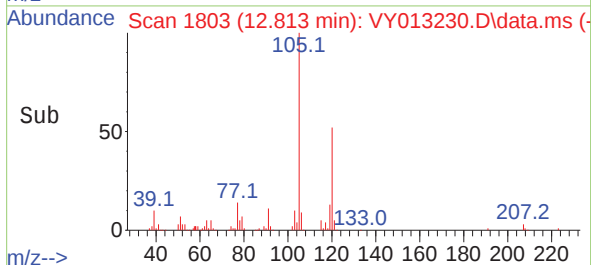
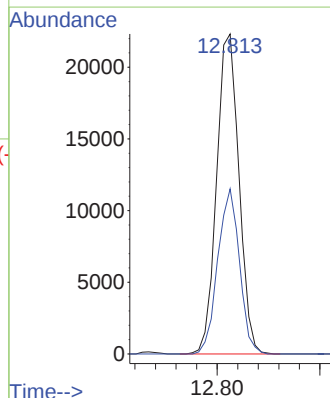
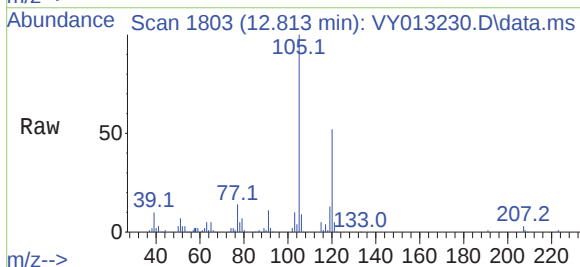
Acq: 10 Apr 2023 17:00

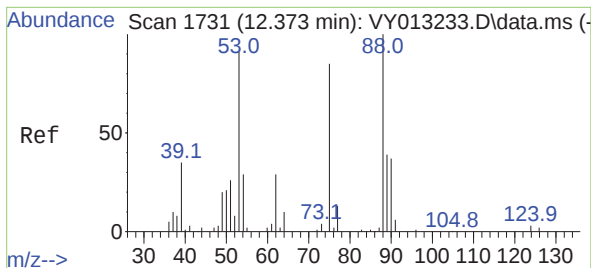
Tgt Ion:105 Resp: 33582

Ion Ratio Lower Upper

105 100

120 50.1 24.8 74.4

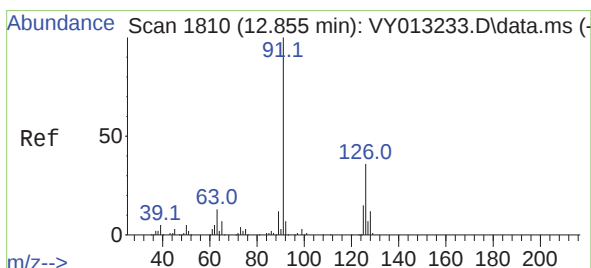
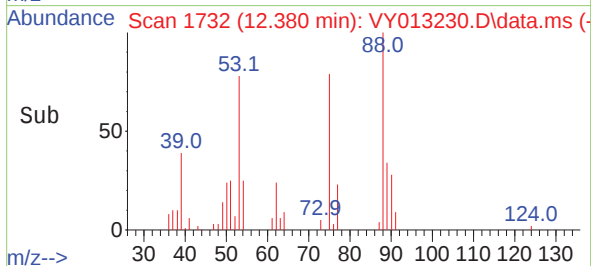
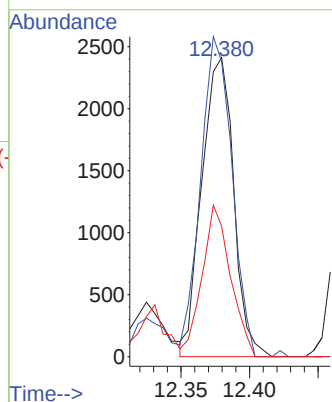
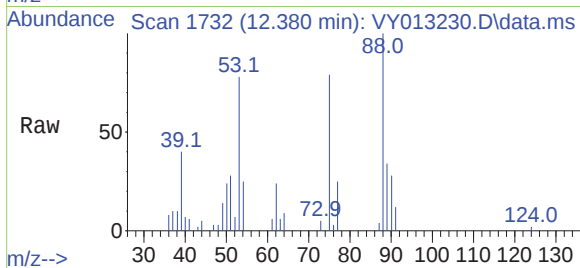




#81
trans-1,4-Dichloro-2-butene
Concen: 9.974 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

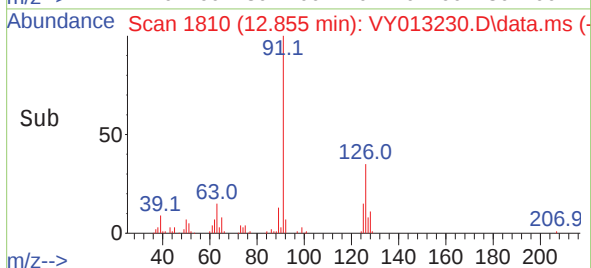
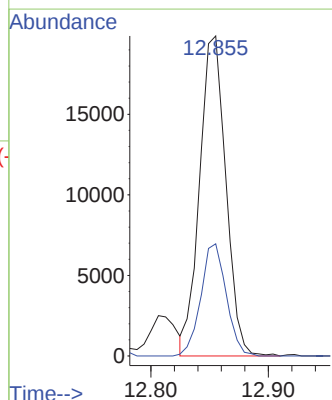
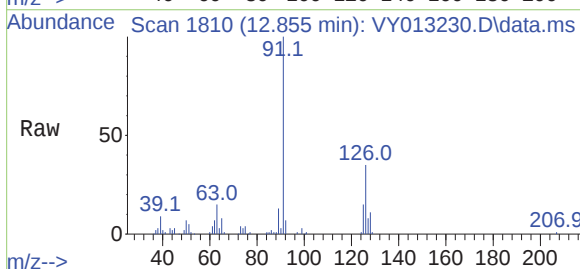
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

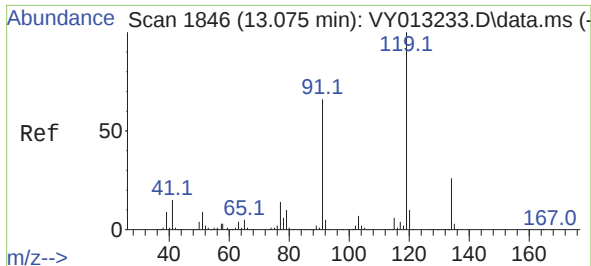
Tgt Ion:	75	Resp:	3880
Ion	Ratio	Lower	Upper
75	100		
53	105.4	73.4	110.0
89	45.4	36.6	55.0



#82
4-Chlorotoluene
Concen: 10.194 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion:	91	Resp:	30868
Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.7	53.1





#83

tert-Butylbenzene

Concen: 9.777 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

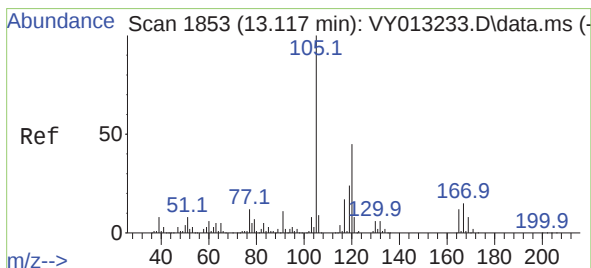
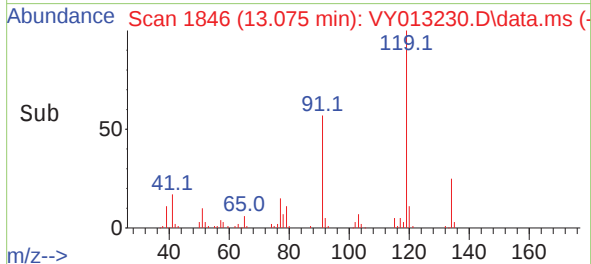
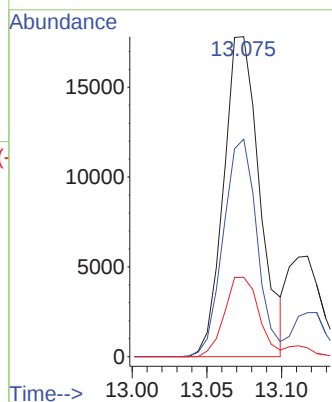
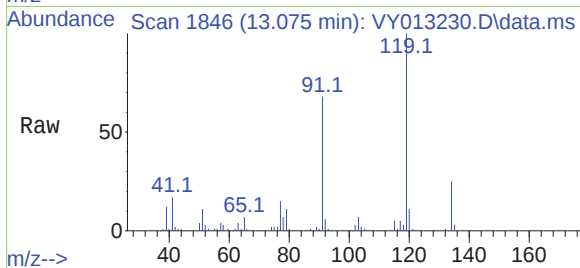
Tgt Ion:119 Resp: 29910

Ion Ratio Lower Upper

119 100

91 63.7 32.8 98.3

134 23.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 9.877 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013230.D

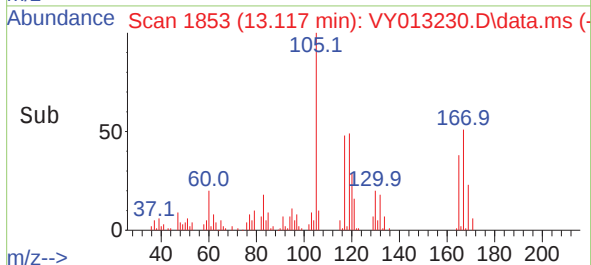
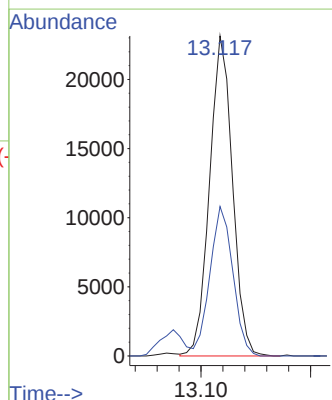
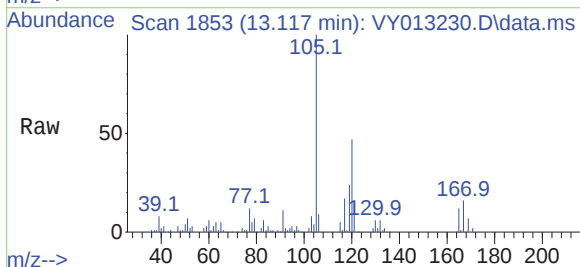
Acq: 10 Apr 2023 17:00

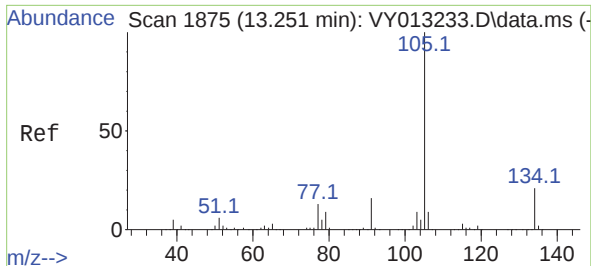
Tgt Ion:105 Resp: 33604

Ion Ratio Lower Upper

105 100

120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 9.728 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

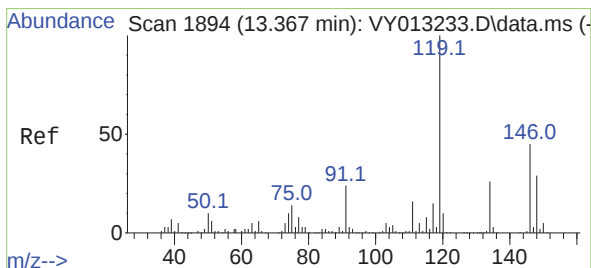
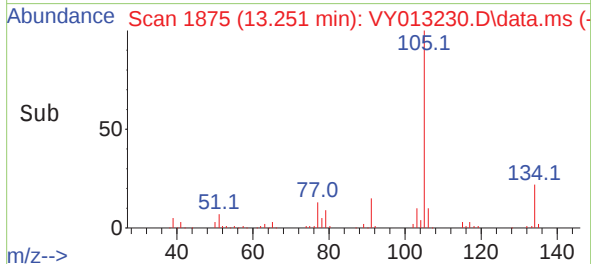
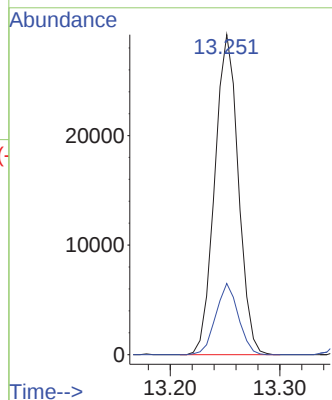
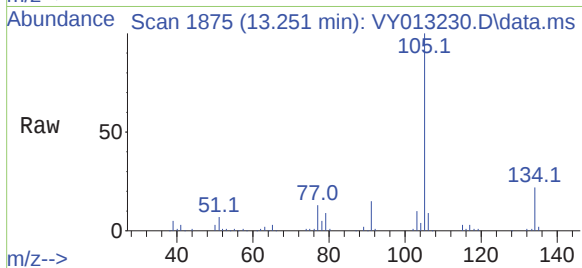
VSTDIC010

Tgt Ion:105 Resp: 43736

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 9.813 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

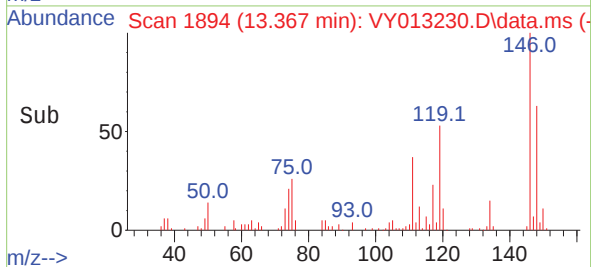
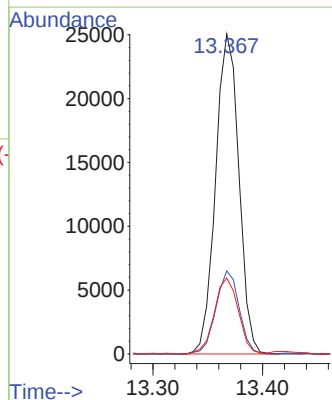
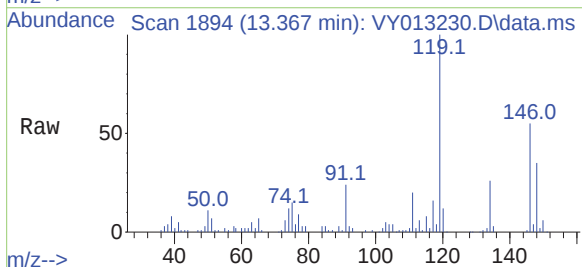
Tgt Ion:119 Resp: 36980

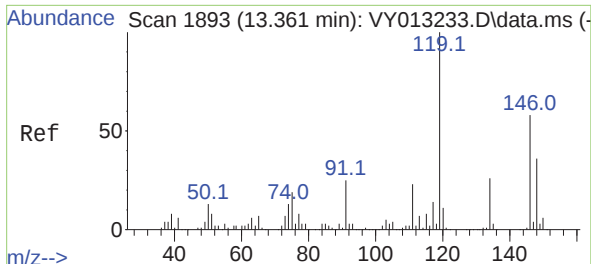
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.6

91 24.5 11.8 35.3

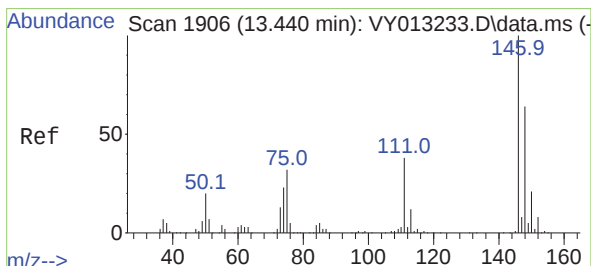
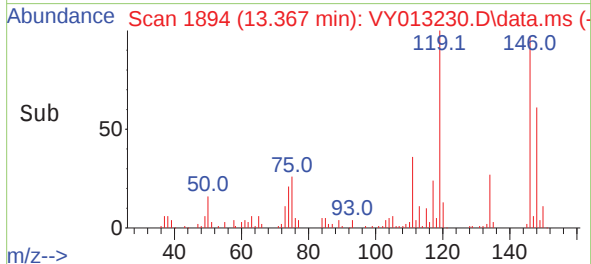
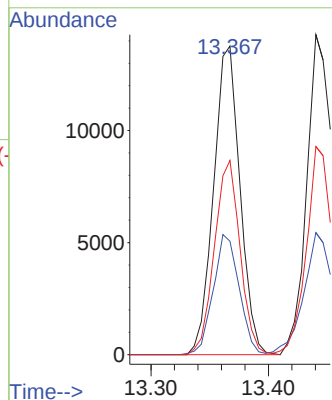
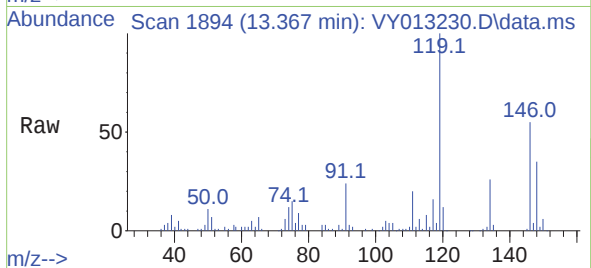




#87
1,3-Dichlorobenzene
Concen: 10.431 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

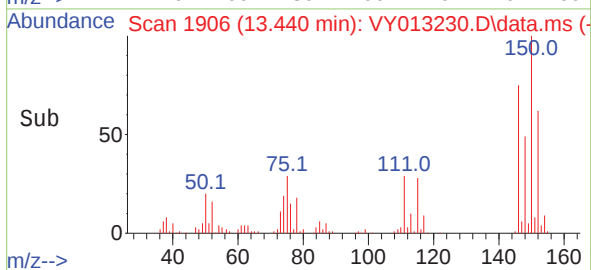
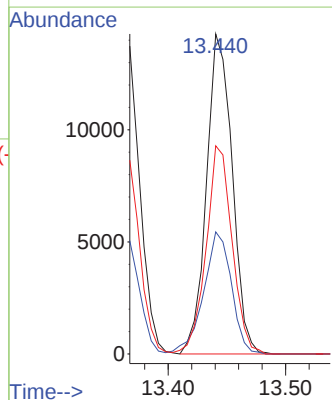
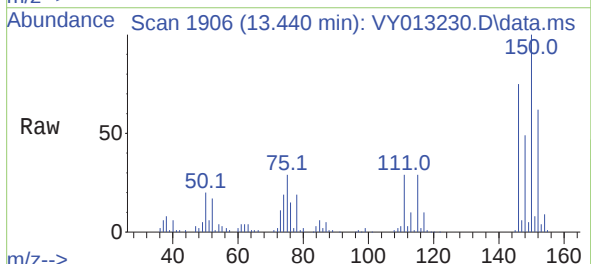
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

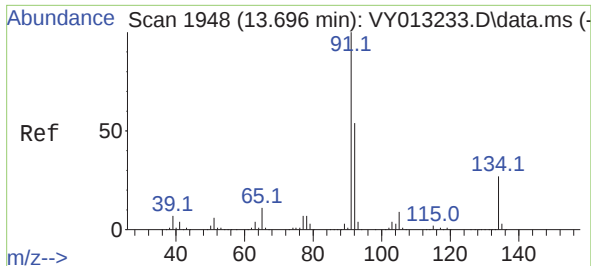
Tgt Ion:146 Resp: 21502
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.5
148 61.2 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 10.335 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion:146 Resp: 21725
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.8
148 65.9 31.5 94.5





#89

n-Butylbenzene

Concen: 9.612 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

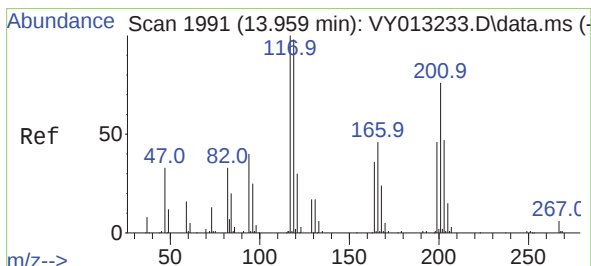
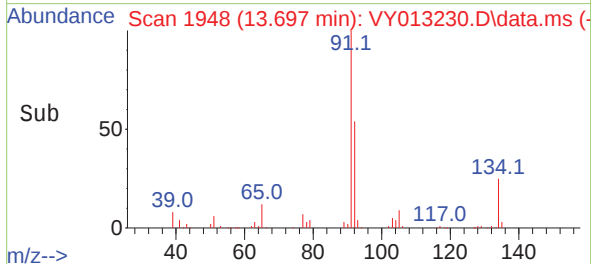
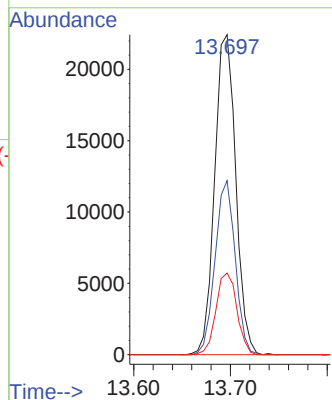
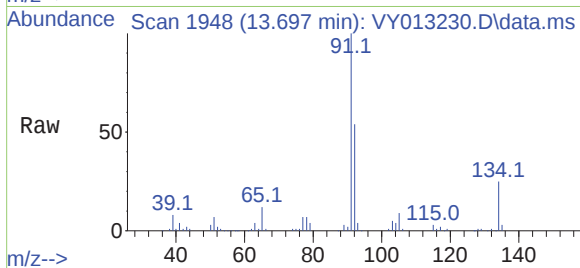
Tgt Ion: 91 Resp: 33955

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 25.3 13.0 38.9



#90

Hexachloroethane

Concen: 10.122 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013230.D

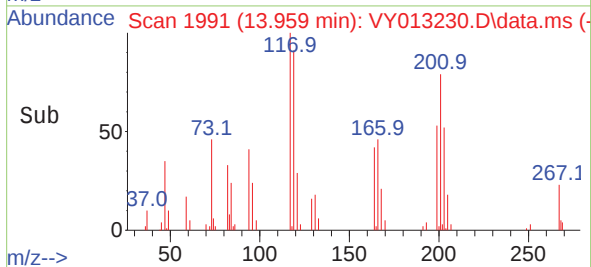
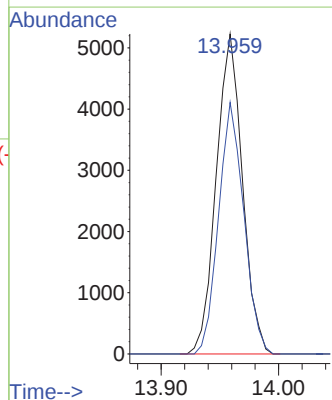
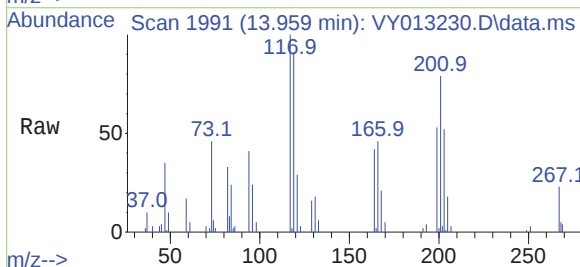
Acq: 10 Apr 2023 17:00

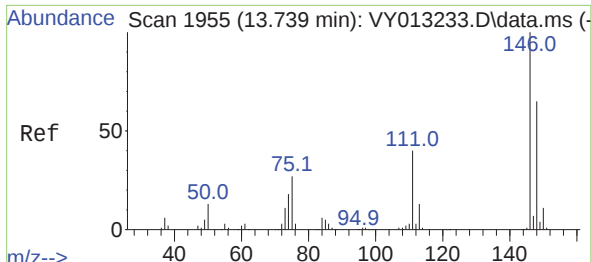
Tgt Ion: 117 Resp: 8087

Ion Ratio Lower Upper

117 100

201 75.9 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 10.137 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

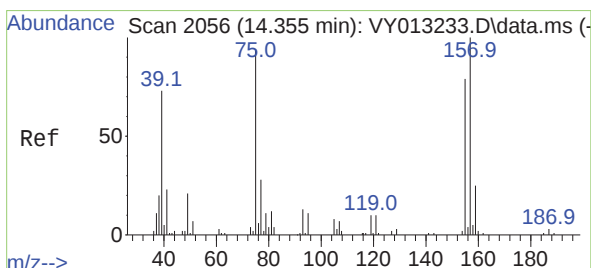
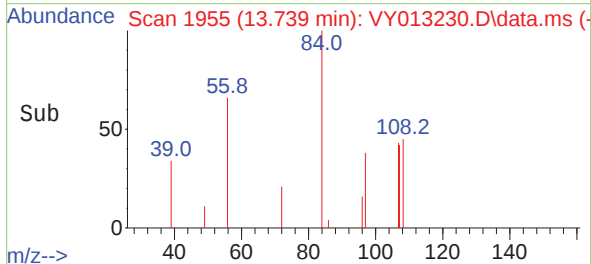
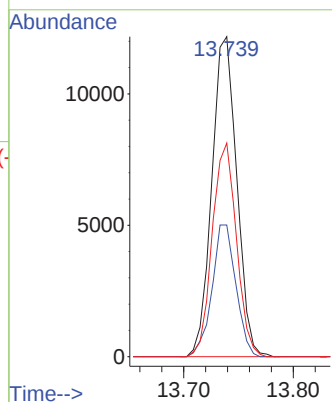
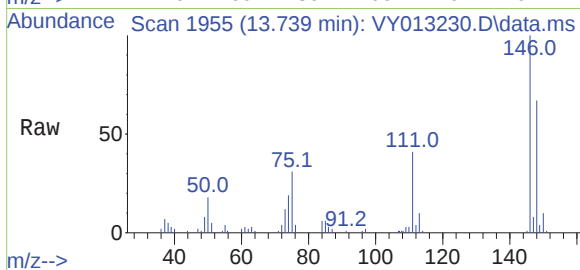
Tgt Ion:146 Resp: 19253

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.1

148 64.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.372 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

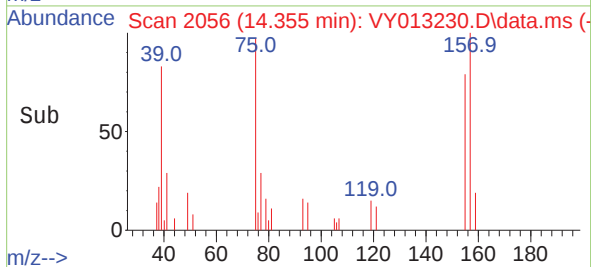
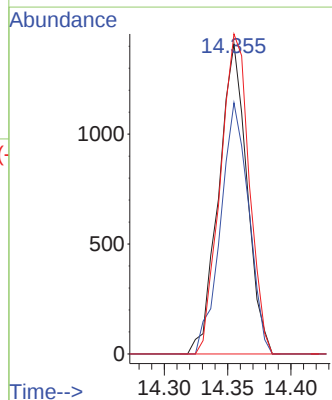
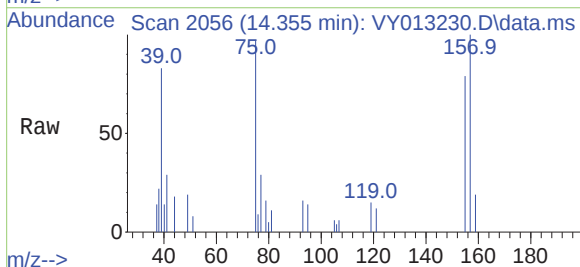
Tgt Ion: 75 Resp: 2186

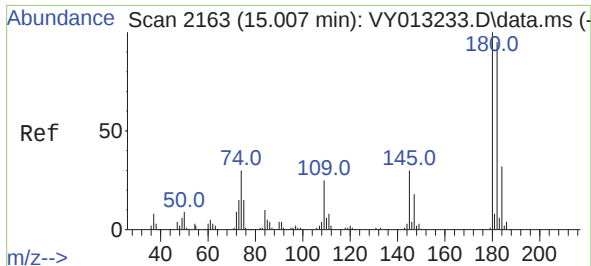
Ion Ratio Lower Upper

75 100

155 80.7 43.8 131.4

157 105.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 9.567 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

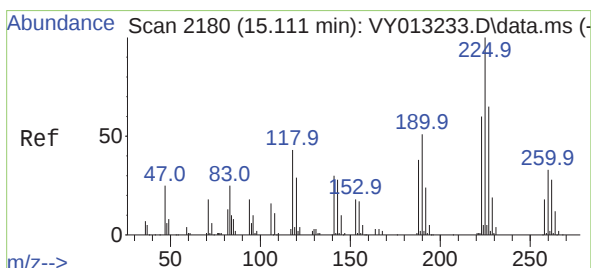
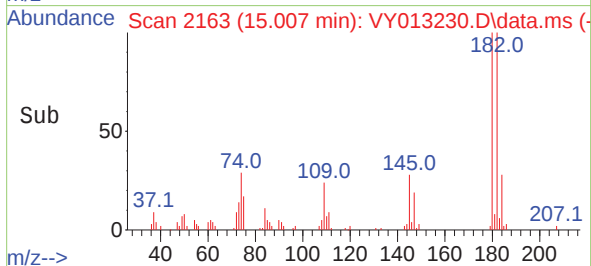
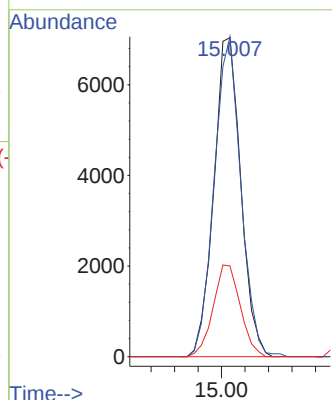
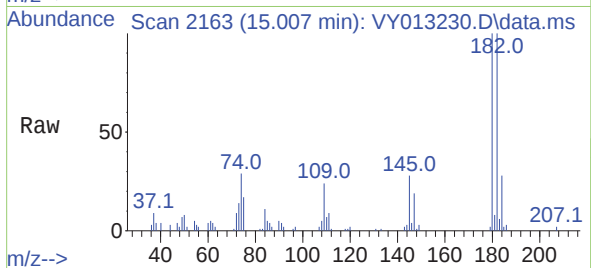
Tgt Ion:180 Resp: 11212

Ion Ratio Lower Upper

180 100

182 99.0 46.7 140.1

145 29.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 10.493 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013230.D

Acq: 10 Apr 2023 17:00

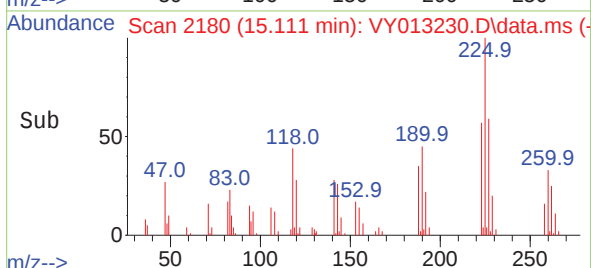
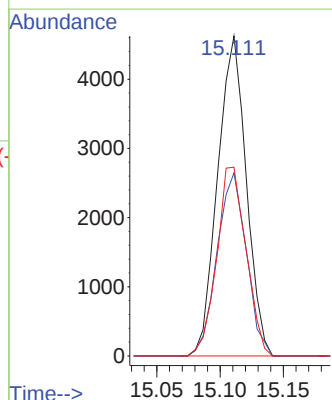
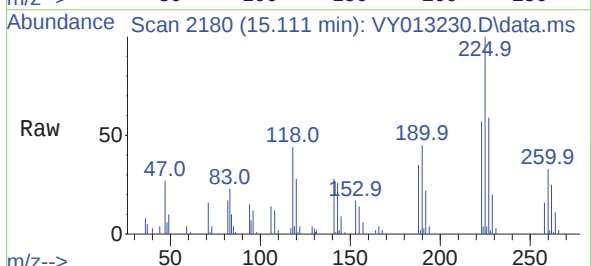
Tgt Ion:225 Resp: 7261

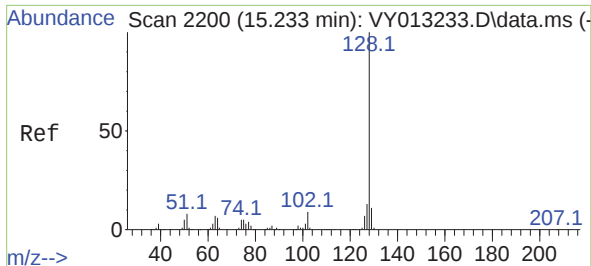
Ion Ratio Lower Upper

225 100

223 58.7 31.1 93.3

227 60.5 32.4 97.0

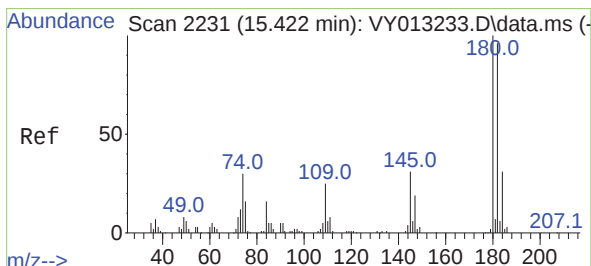
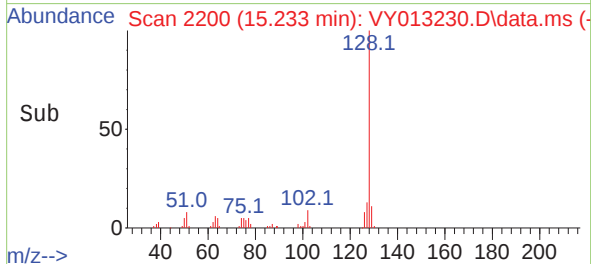
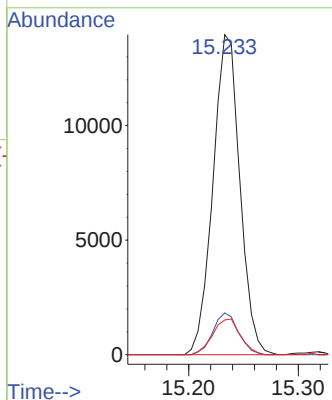
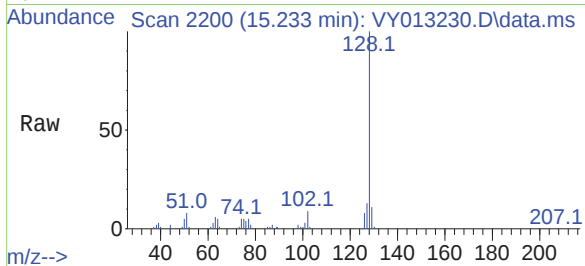




#95
Naphthalene
Concen: 9.023 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:128	Resp:	23817
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.3 15.5
129	11.6	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 9.735 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013230.D
Acq: 10 Apr 2023 17:00

Tgt Ion:180	Resp:	10649
Ion Ratio	Lower	Upper
180	100	
182	96.8	47.4 142.3
145	31.8	15.3 45.8

