

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013229.D
 Acq On : 10 Apr 2023 16:15
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 11 10:59:09 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	7.789	168	90758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	130742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5802	5.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.360%#
35) Dibromofluoromethane	7.710	113	4595	5.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.480%#
50) Toluene-d8	10.179	98	14872	4.848	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.700%#
62) 4-Bromofluorobenzene	12.477	95	5566	5.082	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.160%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	3301	1.522	ug/l	99
3) Chloromethane	2.107	50	5111	2.259	ug/l	96
4) Vinyl Chloride	2.247	62	4165	5.357	ug/l	95
5) Bromomethane	2.643	94	3616	2.851	ug/l	100
6) Chloroethane	2.790	64	2994	5.266	ug/l	91
7) Trichlorofluoromethane	3.125	101	6722	5.340	ug/l	91
8) Diethyl Ether	3.527	74	2556	5.350	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	4241	5.525	ug/l	95
10) Methyl Iodide	4.094	142	5262	5.688	ug/l	94
11) Tert butyl alcohol	4.930	59	7807	44.162	ug/l #	74
12) 1,1-Dichloroethene	3.869	96	3540	5.294	ug/l	88
13) Acrolein	3.729	56	3076	29.791	ug/l	99
14) Allyl chloride	4.485	41	7411	5.216	ug/l	90
15) Acrylonitrile	5.161	53	8340	25.395	ug/l	99
16) Acetone	3.948	43	11333	27.287	ug/l	95
17) Carbon Disulfide	4.186	76	8615	2.622	ug/l	99
18) Methyl Acetate	4.472	43	6426	5.211	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	12323	4.839	ug/l	95
20) Methylene Chloride	4.716	84	11552	3.388	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	4032	5.140	ug/l	92
22) Diisopropyl ether	6.118	45	15241	4.844	ug/l	96
23) Vinyl Acetate	6.057	43	46459	23.520	ug/l	97
24) 1,1-Dichloroethane	6.015	63	8612	5.302	ug/l	97
25) 2-Butanone	6.984	43	13974	26.033	ug/l	97
26) 2,2-Dichloropropane	6.984	77	8857	5.775	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	4869	5.145	ug/l	86
28) Bromochloromethane	7.325	49	3427	4.469	ug/l #	96
29) Tetrahydrofuran	7.350	42	7665	24.487	ug/l	96
30) Chloroform	7.502	83	8815	5.201	ug/l	98
31) Cyclohexane	7.789	56	7862	3.332	ug/l #	75
32) 1,1,1-Trichloroethane	7.697	97	7768	5.231	ug/l	96
36) 1,1-Dichloropropene	7.917	75	6053	5.024	ug/l	95
37) Ethyl Acetate	7.076	43	6026	5.403	ug/l #	91
38) Carbon Tetrachloride	7.892	117	7333	5.227	ug/l #	93
39) Methylcyclohexane	9.179	83	5873	4.638	ug/l	96
40) Benzene	8.155	78	18037	5.082	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013229.D
 Acq On : 10 Apr 2023 16:15
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 11 10:59:09 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)
41) Methacrylonitrile	7.307	41	2630	4.522	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	6772	5.193	ug/l	98
43) Isopropyl Acetate	8.270	43	9164	4.704	ug/l #	86
44) Trichloroethene	8.941	130	4676	5.047	ug/l	89
45) 1,2-Dichloropropane	9.215	63	4739	4.903	ug/l	91
46) Dibromomethane	9.307	93	2974	5.055	ug/l	96
47) Bromodichloromethane	9.496	83	7153	5.035	ug/l	98
48) Methyl methacrylate	9.289	41	3954	4.622	ug/l	90
49) 1,4-Dioxane	9.301	88	714	85.318	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	25521	23.099	ug/l	96
52) Toluene	10.240	92	10865	4.882	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	7145	4.800	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	7697	4.822	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	4220	5.072	ug/l	95
56) Ethyl methacrylate	10.508	69	4869	4.188	ug/l	90
57) 1,3-Dichloropropane	10.788	76	7032	5.011	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	12072	22.894	ug/l	96
59) 2-Hexanone	10.831	43	17960	22.042	ug/l	94
60) Dibromochloromethane	10.977	129	5080	4.906	ug/l	99
61) 1,2-Dibromoethane	11.087	107	4002	5.039	ug/l	96
64) Tetrachloroethene	10.715	164	4048	5.015	ug/l	96
65) Chlorobenzene	11.514	112	12463	5.002	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	4934	4.979	ug/l	99
67) Ethyl Benzene	11.593	91	20558	4.753	ug/l	96
68) m/p-Xylenes	11.703	106	15584	9.470	ug/l	99
69) o-Xylene	12.032	106	7275	4.651	ug/l	96
70) Styrene	12.044	104	11630	4.360	ug/l	97
71) Bromoform	12.209	173	3420	4.809	ug/l #	98
73) Isopropylbenzene	12.331	105	19112	4.698	ug/l	100
74) N-amyl acetate	12.142	43	6807	4.374	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	5496	5.054	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	7143	8.741	ug/l #	100
77) Bromobenzene	12.605	156	5213	5.036	ug/l	99
78) n-propylbenzene	12.666	91	23499	4.692	ug/l	98
79) 2-Chlorotoluene	12.757	91	13684	4.799	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	15634	4.646	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	1769	4.624	ug/l	86
82) 4-Chlorotoluene	12.855	91	14200	4.769	ug/l	99
83) tert-Butylbenzene	13.074	119	13951	4.638	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	15641	4.675	ug/l	97
85) sec-Butylbenzene	13.251	105	20835	4.713	ug/l	99
86) p-Isopropyltoluene	13.367	119	17338	4.679	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	10485	5.173	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	11053	5.347	ug/l	93
89) n-Butylbenzene	13.696	91	16370	4.713	ug/l	98
90) Hexachloroethane	13.958	117	4121	5.245	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	9673	5.179	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1128	5.443	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	5633	4.888	ug/l	98
94) Hexachlorobutadiene	15.111	225	3842	5.646	ug/l	95
95) Naphthalene	15.233	128	11429	4.403	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	5452	5.069	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
Data File : VY013229.D
Acq On : 10 Apr 2023 16:15
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Apr 11 10:59:09 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

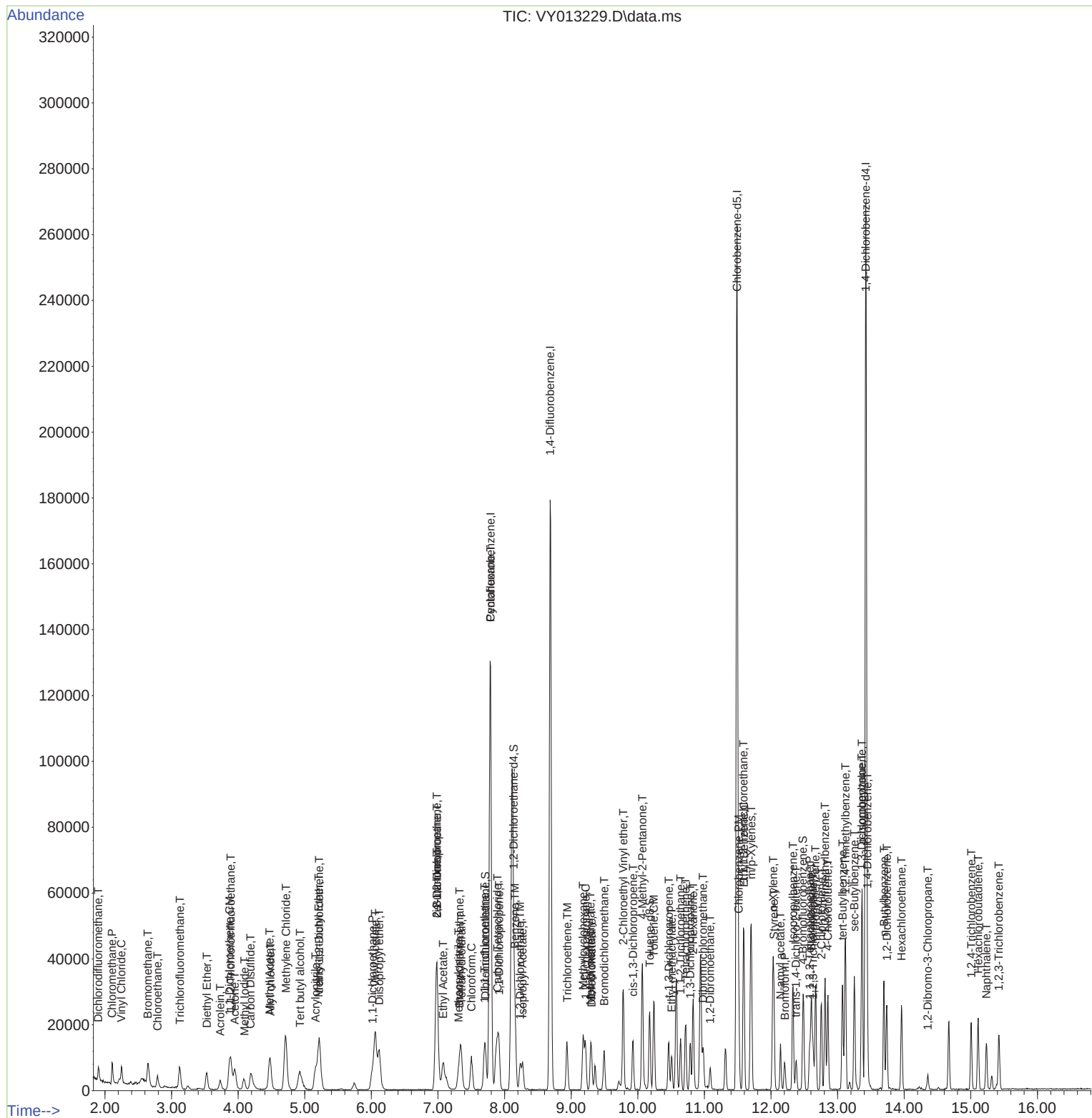
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

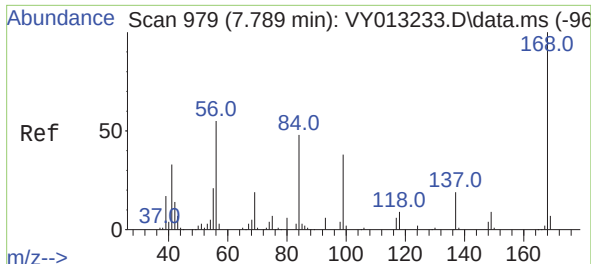
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
Data File : VY013229.D
Acq On : 10 Apr 2023 16:15
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Apr 11 10:59:09 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

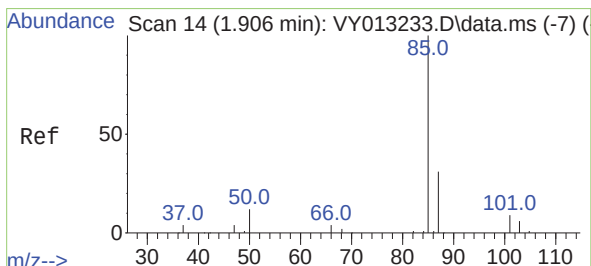
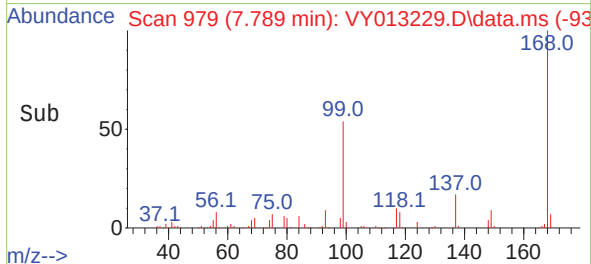
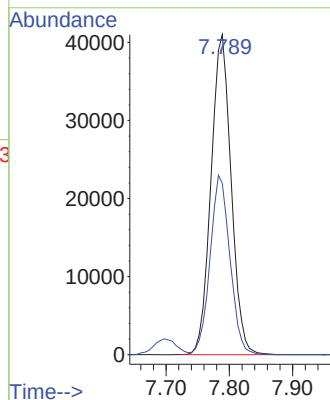
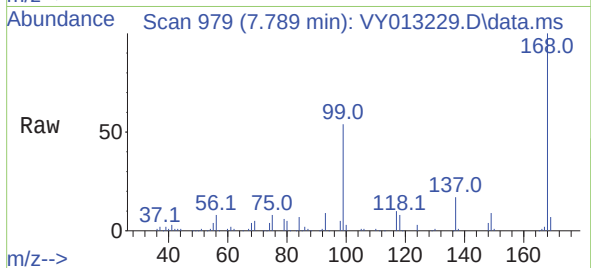




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

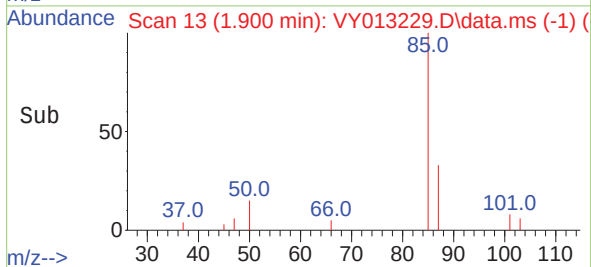
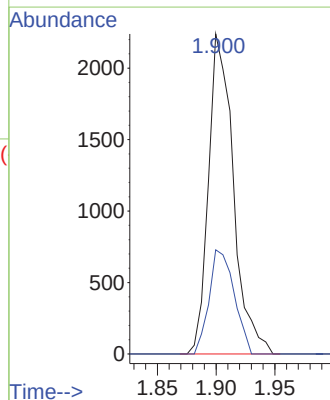
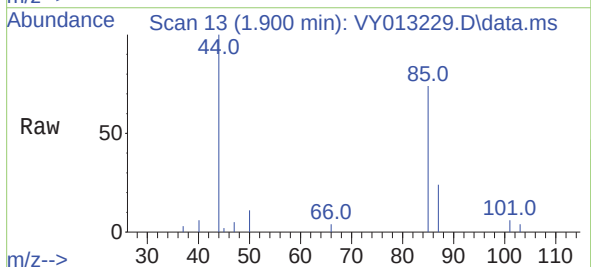
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

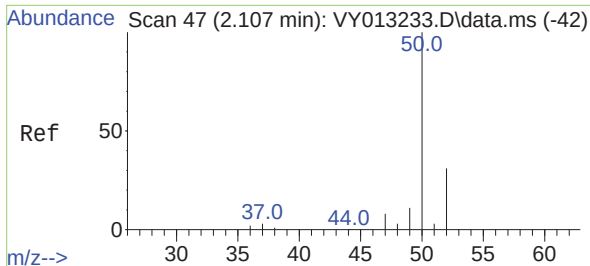
Tgt Ion:168 Resp: 90758
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 1.522 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 85 Resp: 3301
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.0

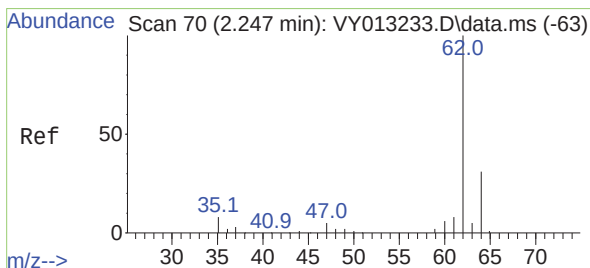
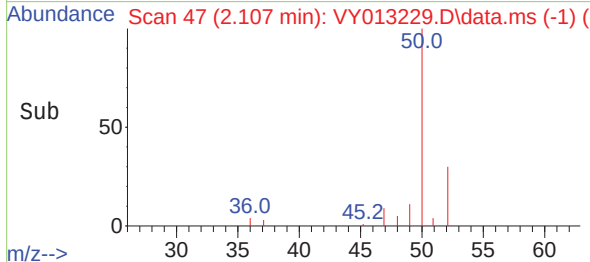
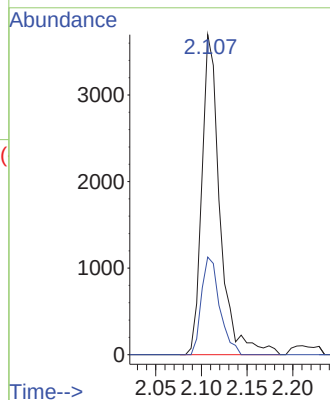
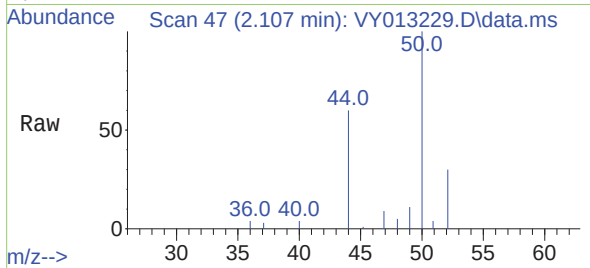




#3
Chloromethane
Concen: 2.259 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

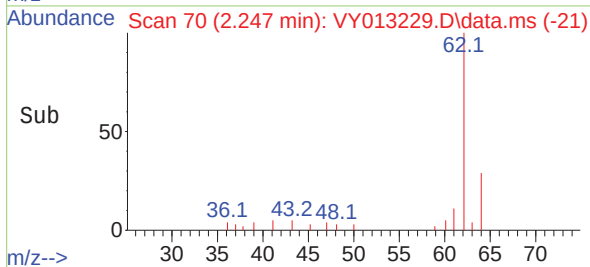
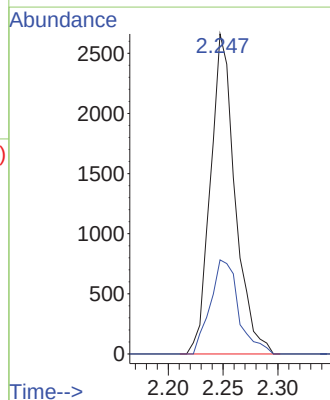
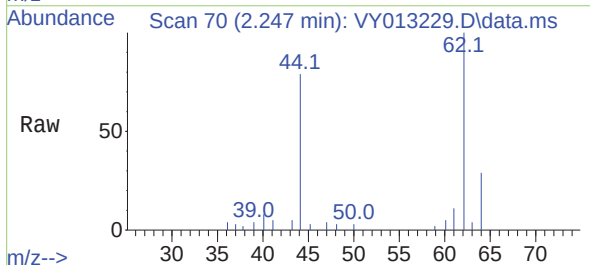
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

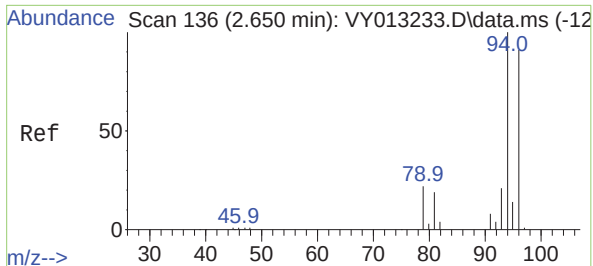
Tgt Ion: 50 Resp: 5111
Ion Ratio Lower Upper
50 100
52 30.5 26.0 39.0



#4
Vinyl Chloride
Concen: 5.357 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 62 Resp: 4165
Ion Ratio Lower Upper
62 100
64 29.4 25.6 38.4

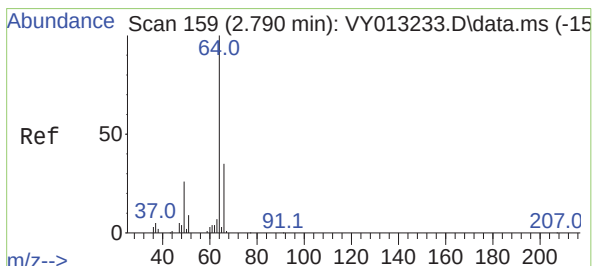
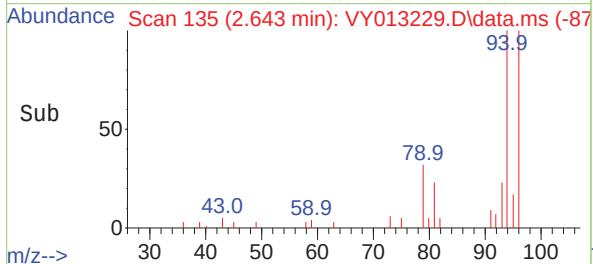
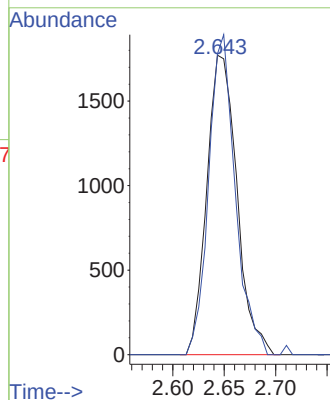
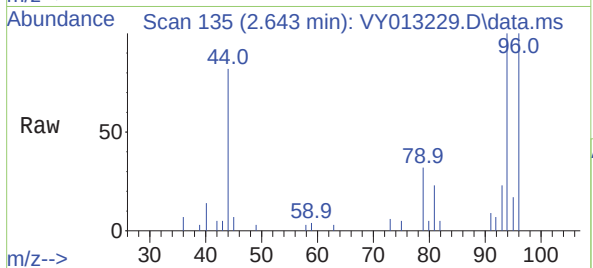




#5
Bromomethane
Concen: 2.851 ug/l
RT: 2.643 min Scan# 14
Delta R.T. -0.007 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

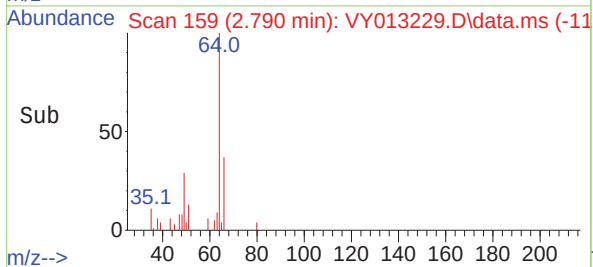
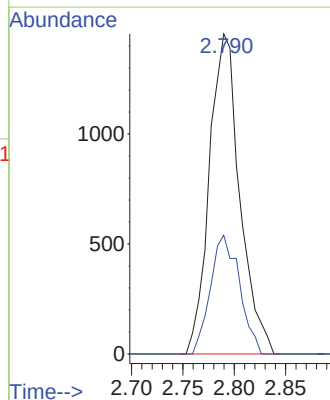
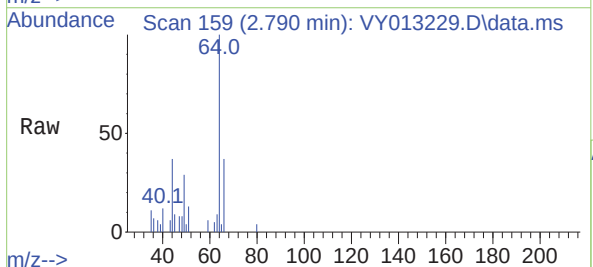
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

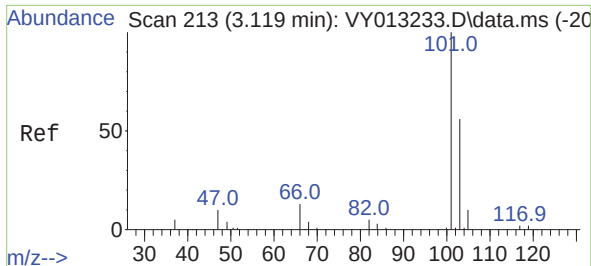
Tgt Ion: 94 Resp: 3616
Ion Ratio Lower Upper
94 100
96 100.4 80.3 120.5



#6
Chloroethane
Concen: 5.266 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 64 Resp: 2994
Ion Ratio Lower Upper
64 100
66 37.1 25.7 38.5

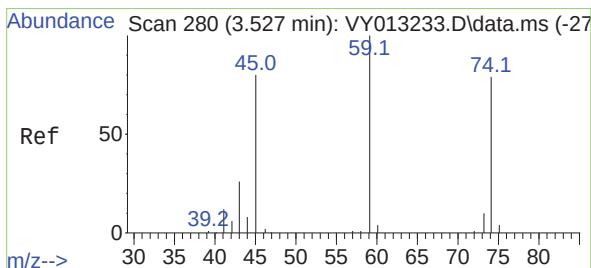
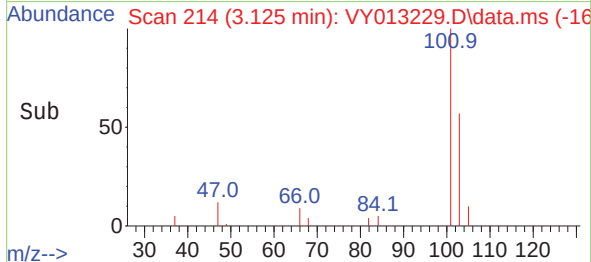
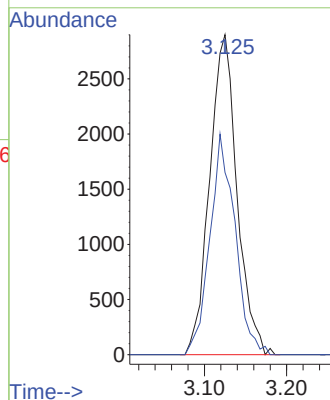
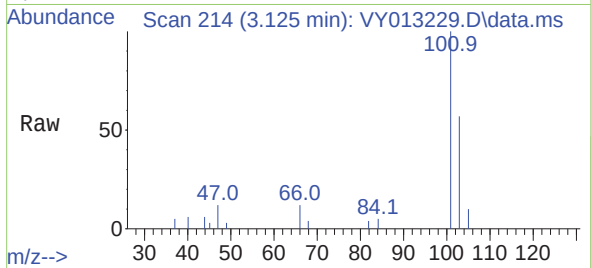




#7
Trichlorofluoromethane
Concen: 5.340 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

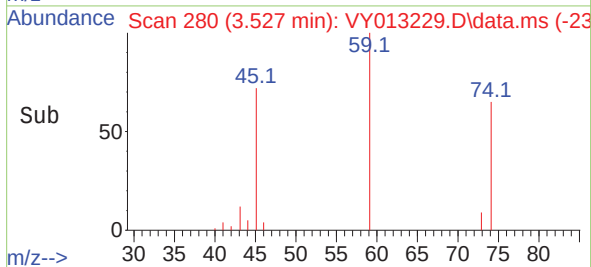
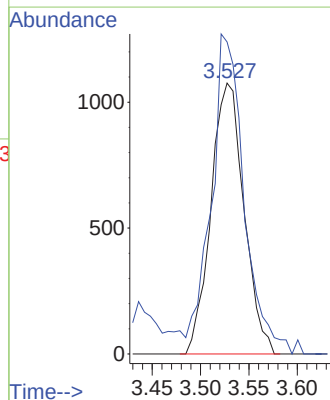
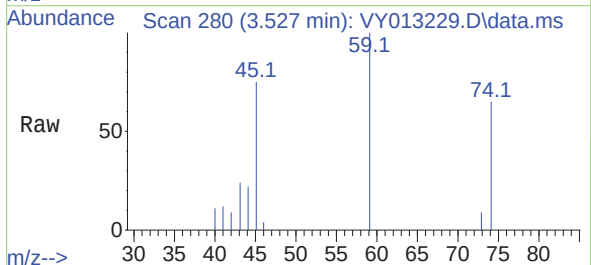
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

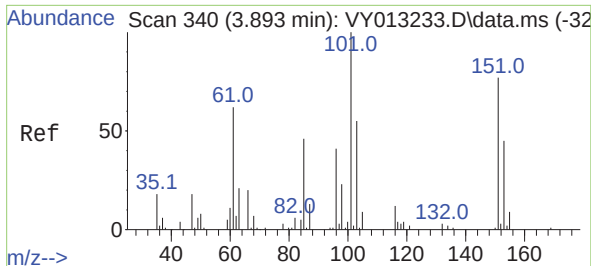
Tgt Ion:101 Resp: 6722
Ion Ratio Lower Upper
101 100
103 56.9 51.5 77.3



#8
Diethyl Ether
Concen: 5.350 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 74 Resp: 2556
Ion Ratio Lower Upper
74 100
45 117.6 52.1 156.4

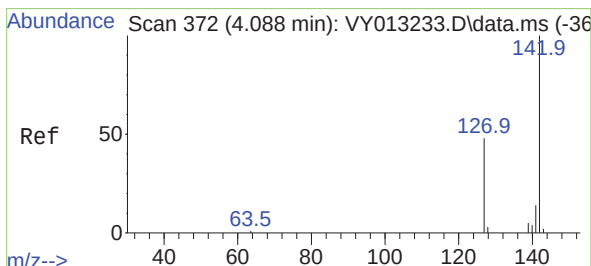
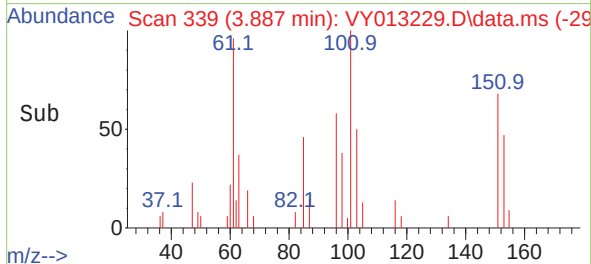
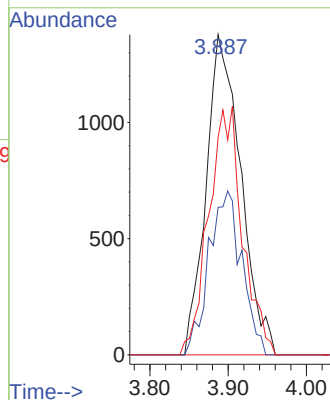
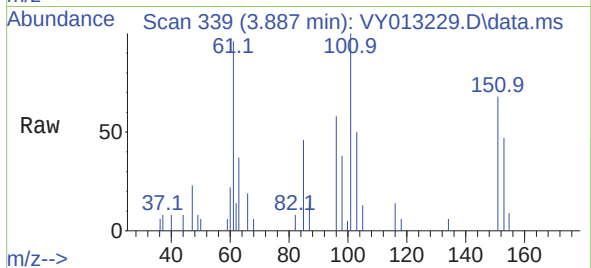




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.525 ug/l
RT: 3.887 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

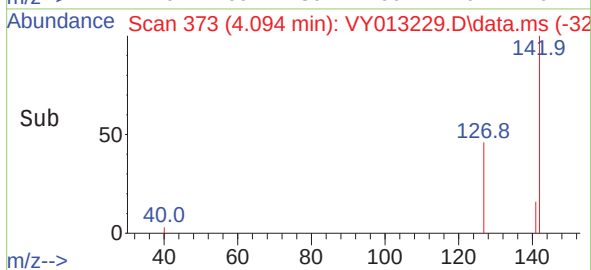
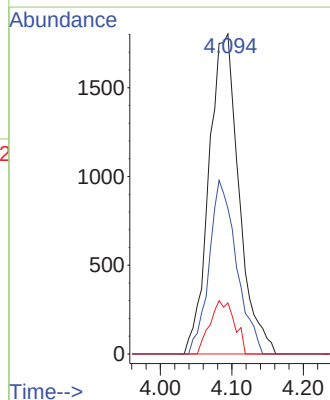
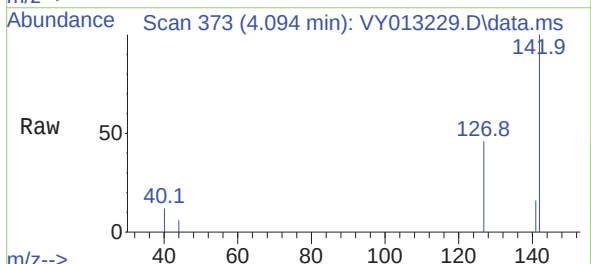
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

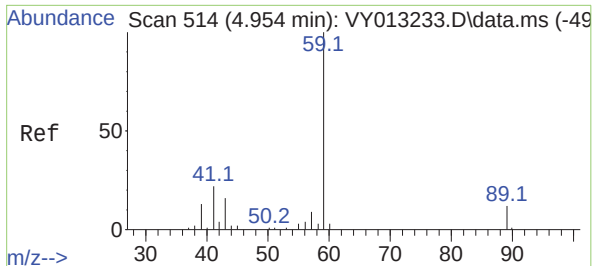
Tgt Ion:101 Resp: 4241
Ion Ratio Lower Upper
101 100
85 48.4 35.3 52.9
151 75.2 63.1 94.7



#10
Methyl Iodide
Concen: 5.688 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion:142 Resp: 5262
Ion Ratio Lower Upper
142 100
127 49.3 35.4 53.2
141 13.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 44.162 ug/l

RT: 4.930 min Scan# 514

Delta R.T. -0.024 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

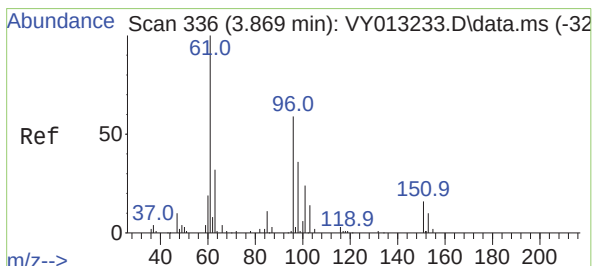
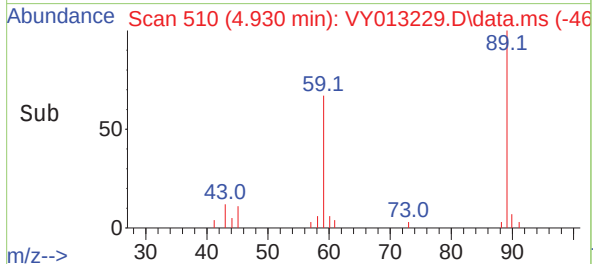
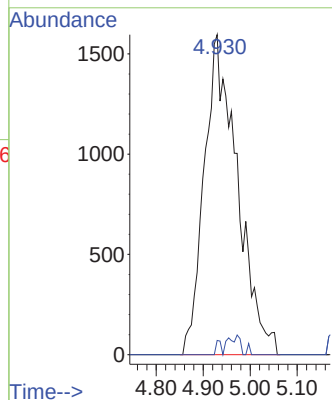
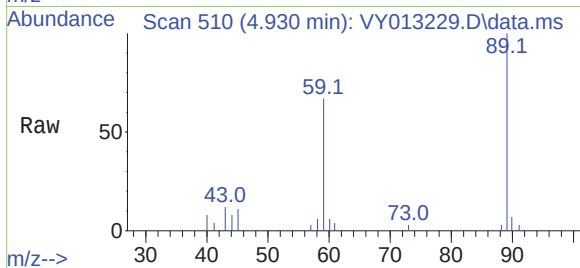
VSTDIC005

Tgt Ion: 59 Resp: 7807

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 5.294 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

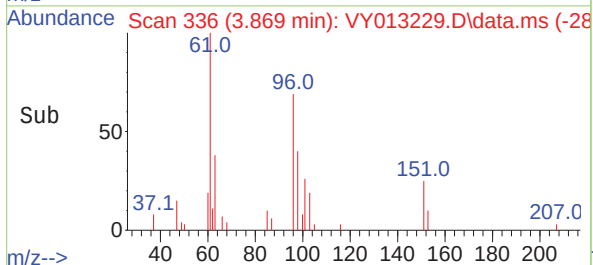
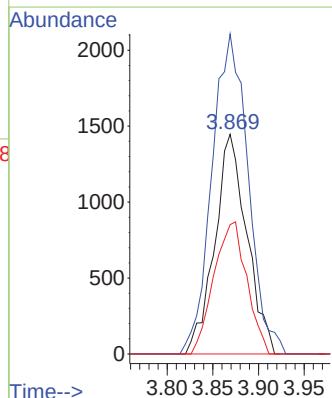
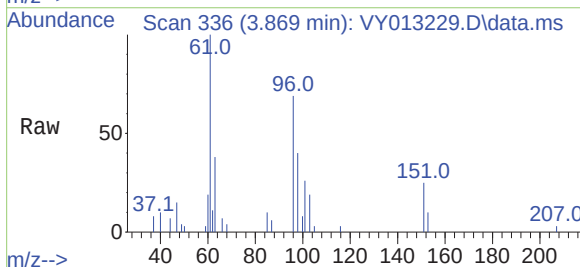
Tgt Ion: 96 Resp: 3540

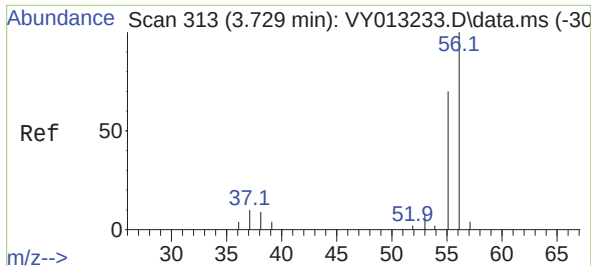
Ion Ratio Lower Upper

96 100

61 145.6 131.7 197.5

98 58.8 52.0 78.0

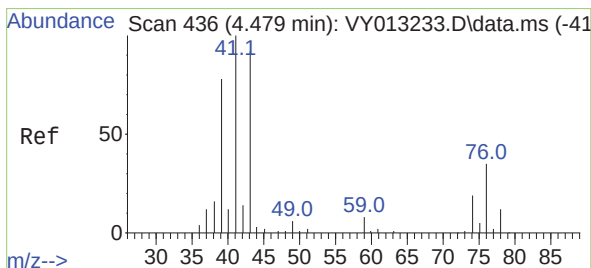
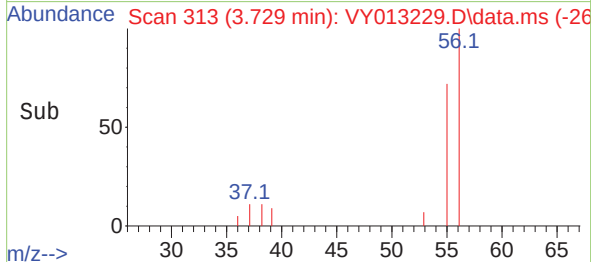
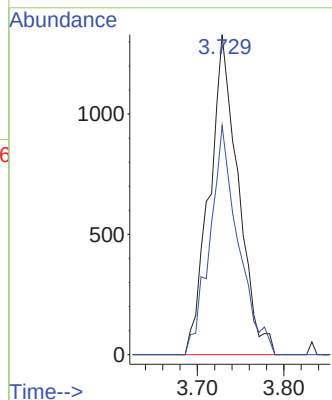
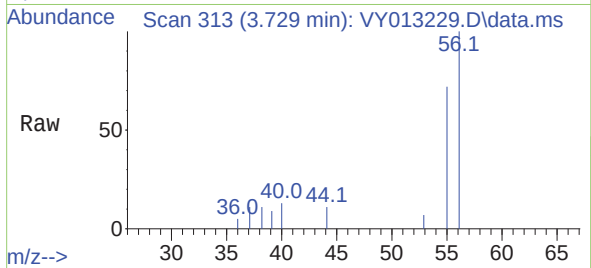




#13
Acrolein
Concen: 29.791 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

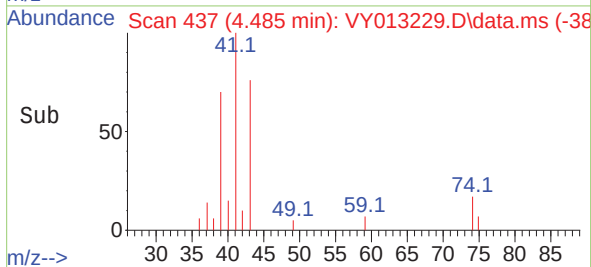
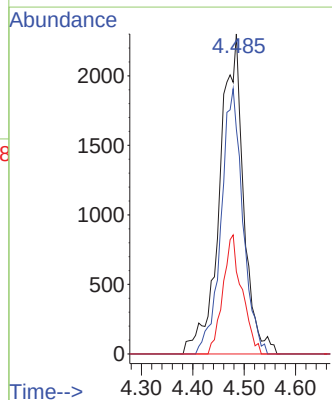
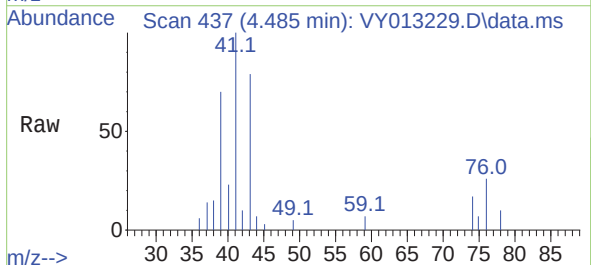
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

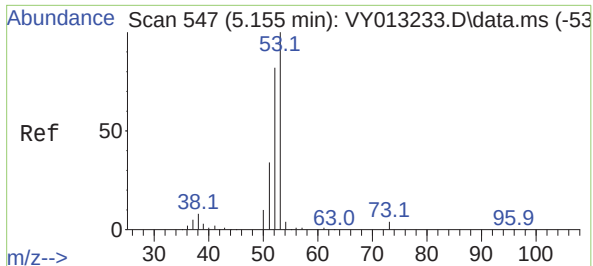
Tgt Ion: 56 Resp: 3076
Ion Ratio Lower Upper
56 100
55 70.4 56.8 85.2



#14
Allyl chloride
Concen: 5.216 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 41 Resp: 7411
Ion Ratio Lower Upper
41 100
39 75.5 53.6 80.4
76 29.7 27.2 40.8





#15

Acrylonitrile

Concen: 25.395 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

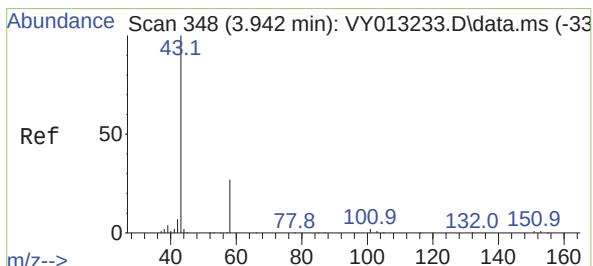
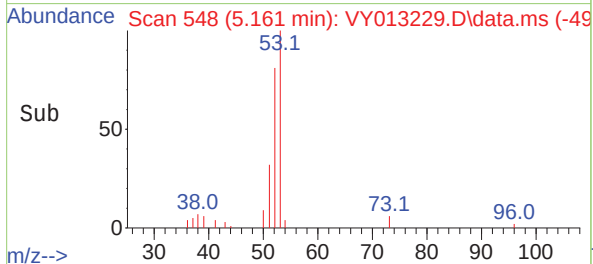
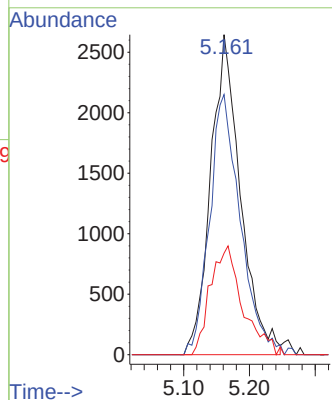
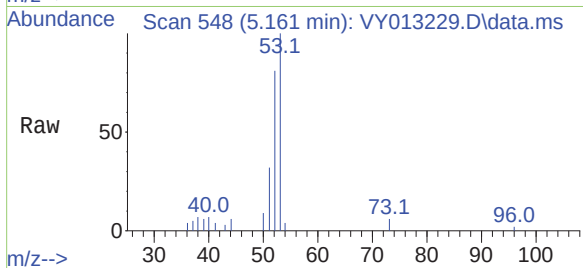
Tgt Ion: 53 Resp: 8340

Ion Ratio Lower Upper

53 100

52 83.9 66.3 99.5

51 36.9 28.8 43.2



#16

Acetone

Concen: 27.287 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY013229.D

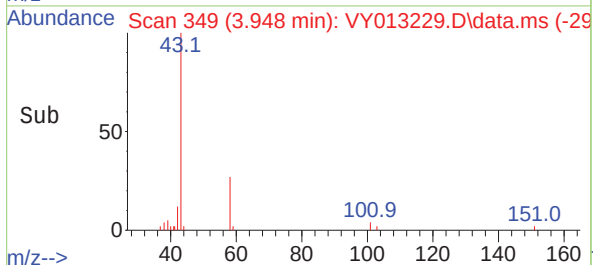
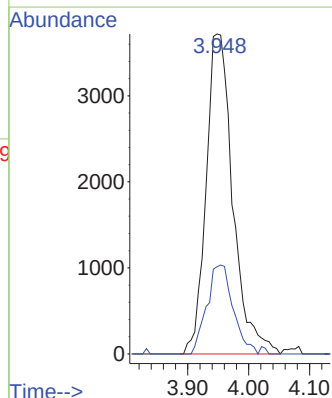
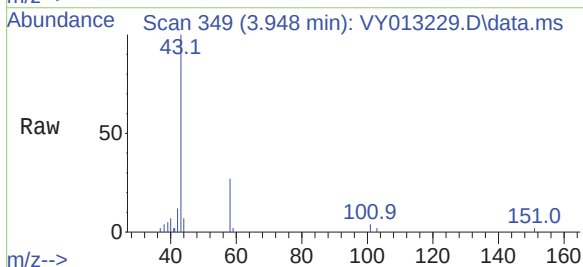
Acq: 10 Apr 2023 16:15

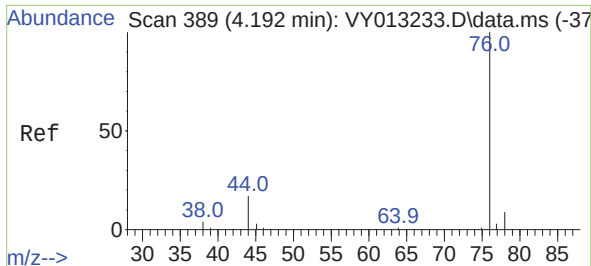
Tgt Ion: 43 Resp: 11333

Ion Ratio Lower Upper

43 100

58 27.2 24.2 36.2





#17

Carbon Disulfide

Concen: 2.622 ug/l

RT: 4.186 min Scan# 389

Delta R.T. -0.006 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

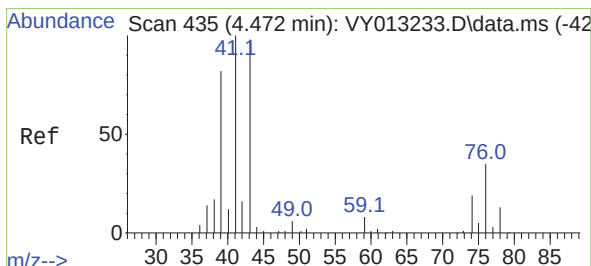
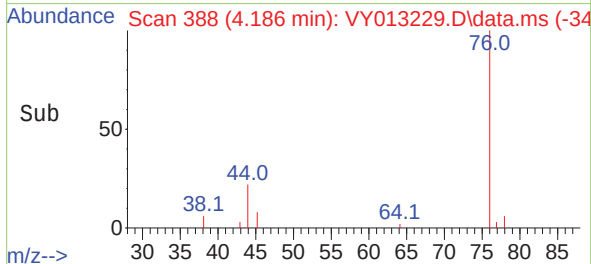
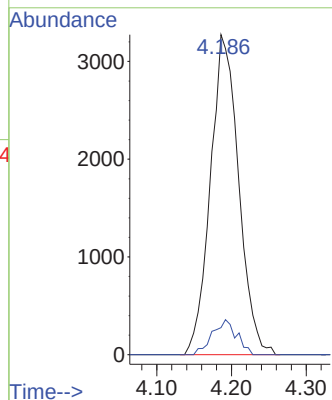
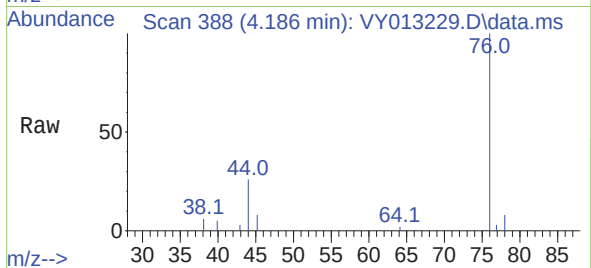
VSTDIC005

Tgt Ion: 76 Resp: 8615

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



#18

Methyl Acetate

Concen: 5.211 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY013229.D

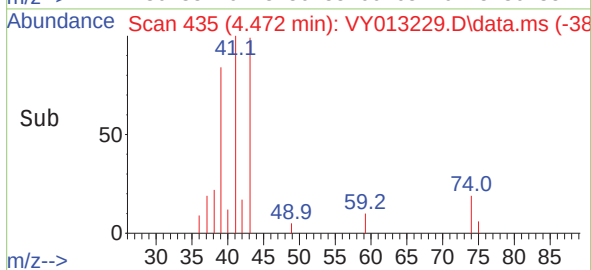
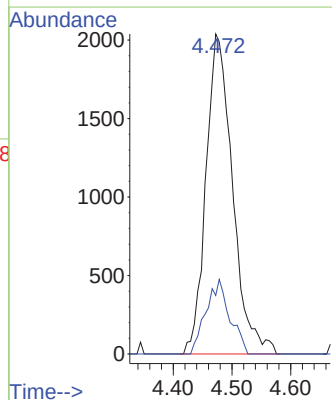
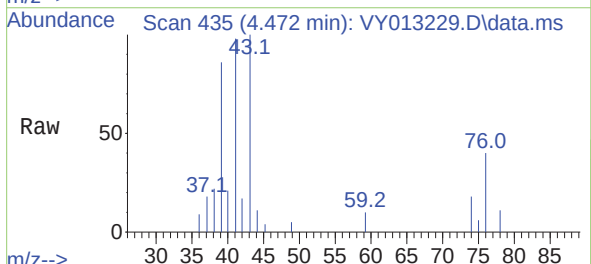
Acq: 10 Apr 2023 16:15

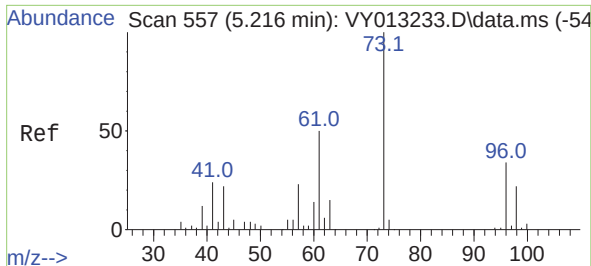
Tgt Ion: 43 Resp: 6426

Ion Ratio Lower Upper

43 100

74 20.7 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 4.839 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

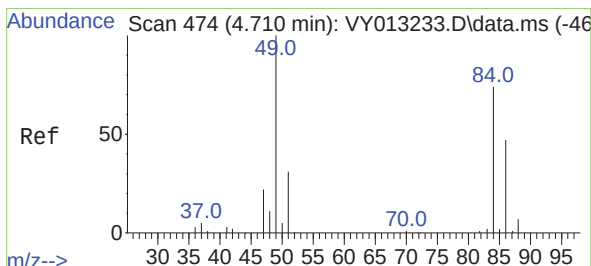
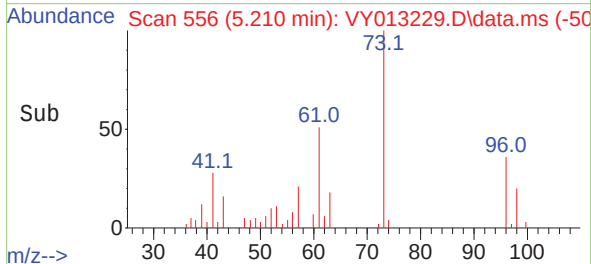
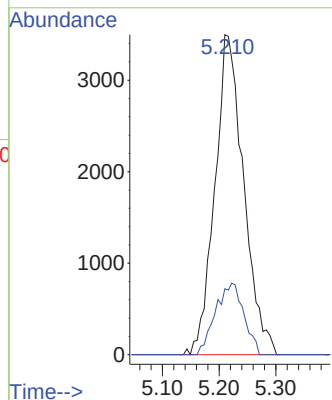
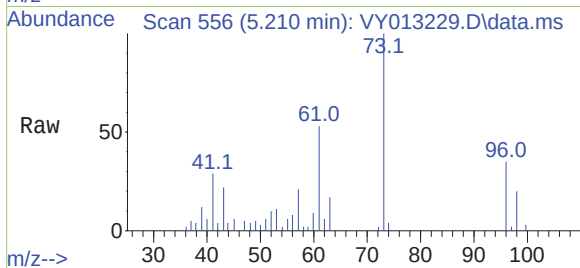
VSTDIC005

Tgt Ion: 73 Resp: 12323

Ion Ratio Lower Upper

73 100

57 20.6 18.3 27.5



#20

Methylene Chloride

Concen: 3.388 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Tgt Ion: 84 Resp: 11552

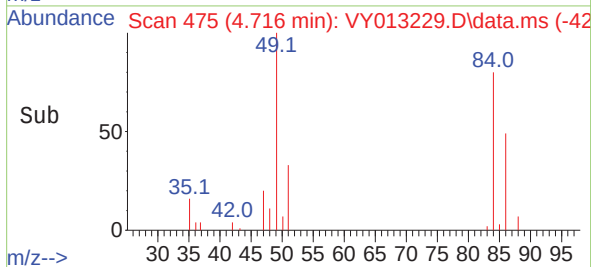
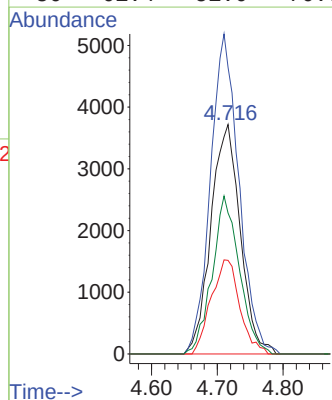
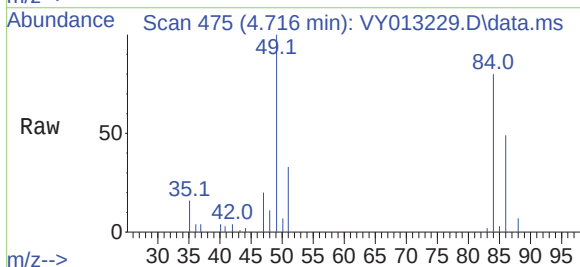
Ion Ratio Lower Upper

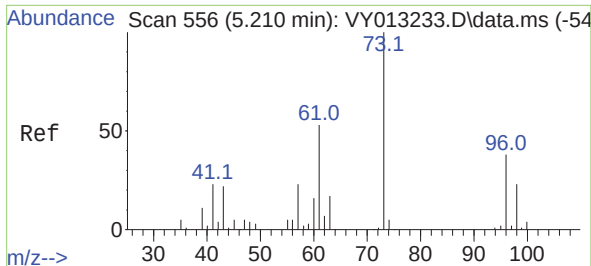
84 100

49 125.0 102.6 154.0

51 40.8 31.9 47.9

86 61.4 51.0 76.6

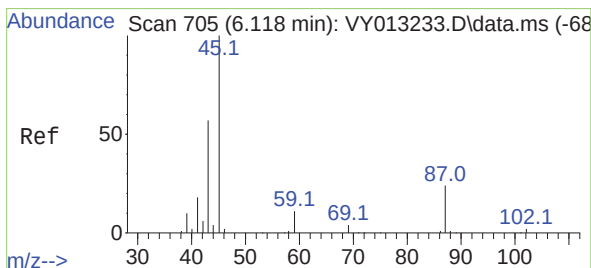
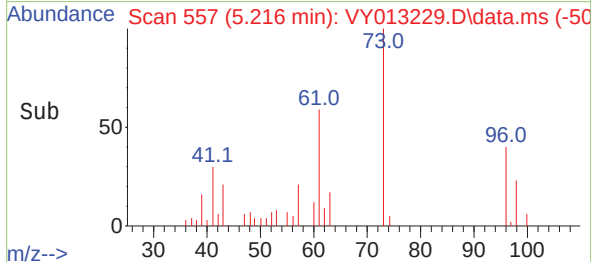
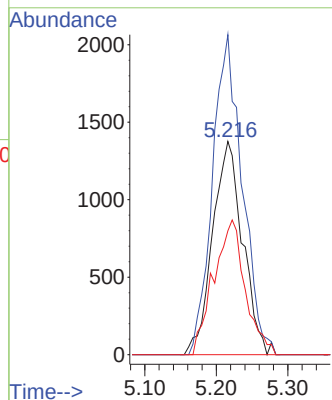
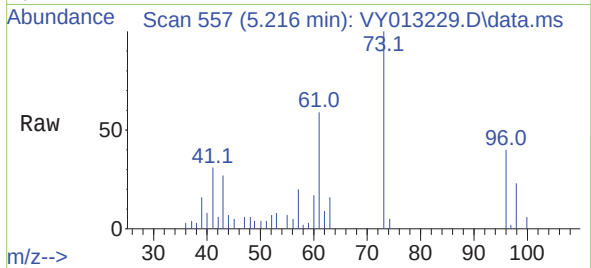




#21
trans-1,2-Dichloroethene
Concen: 5.140 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

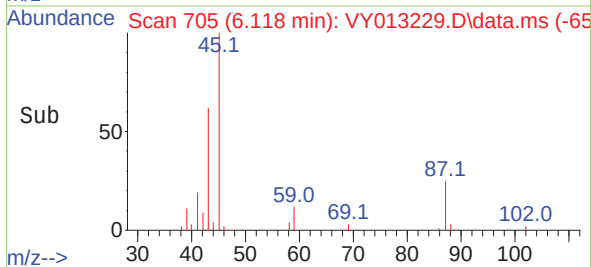
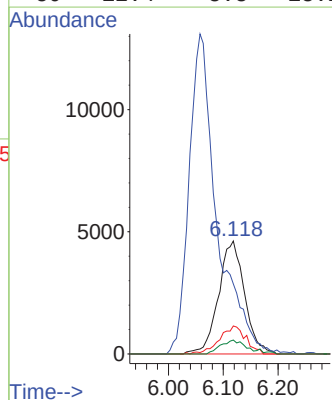
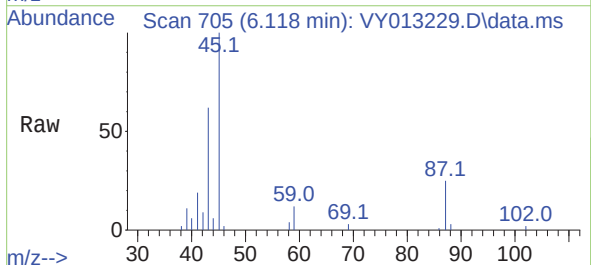
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

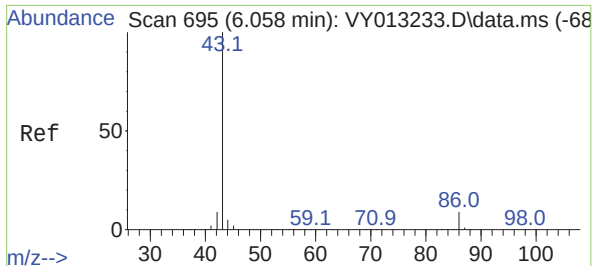
Tgt Ion: 96 Resp: 4032
Ion Ratio Lower Upper
96 100
61 150.1 111.4 167.0
98 58.1 50.8 76.2



#22
Diisopropyl ether
Concen: 4.844 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 45 Resp: 15241
Ion Ratio Lower Upper
45 100
43 60.6 45.0 67.6
87 24.8 20.3 30.5
59 12.4 8.8 13.2





#23

Vinyl Acetate

Concen: 23.520 ug/l

RT: 6.057 min Scan# 61

Delta R.T. -0.001 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

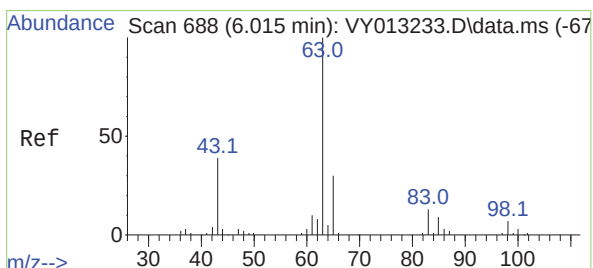
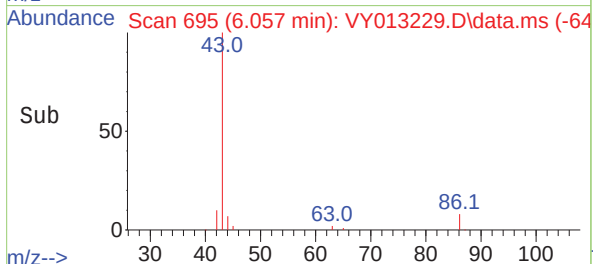
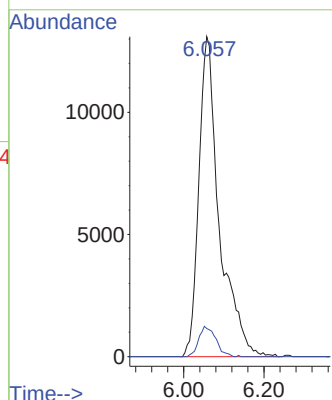
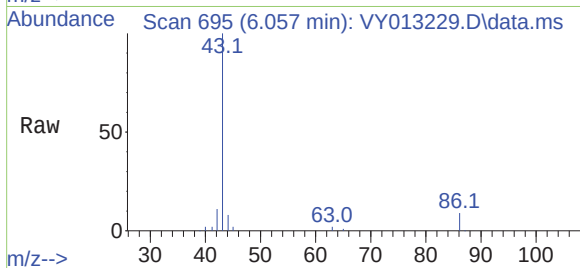
VSTDIC005

Tgt Ion: 43 Resp: 46459

Ion Ratio Lower Upper

43 100

86 8.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 5.302 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

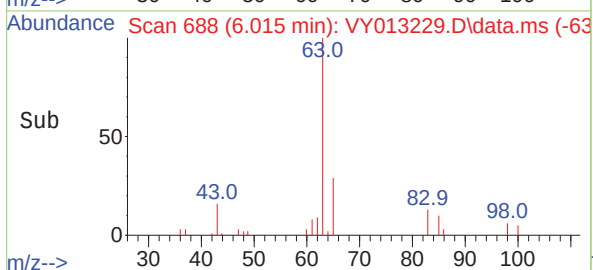
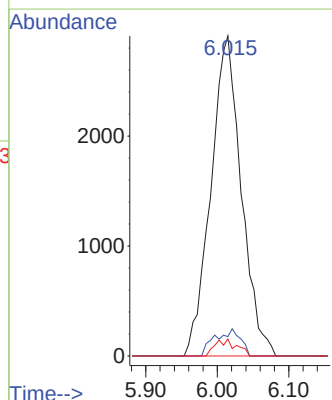
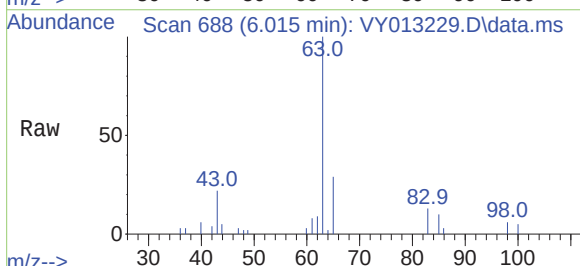
Tgt Ion: 63 Resp: 8612

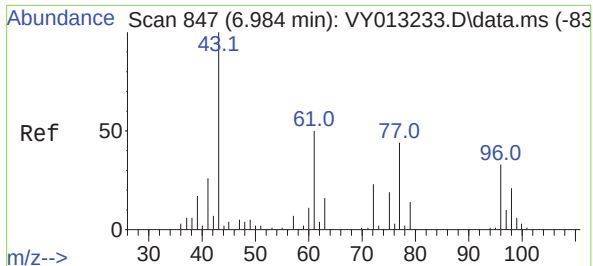
Ion Ratio Lower Upper

63 100

98 6.1 3.7 11.1

100 5.3 2.3 6.8

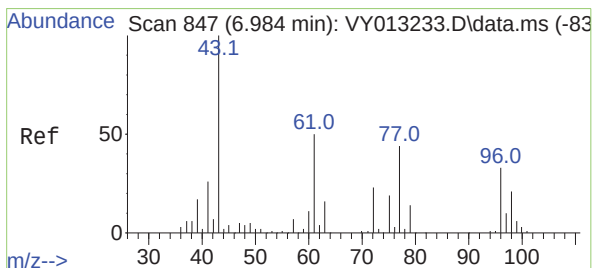
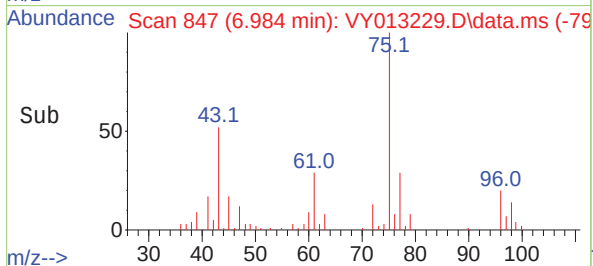
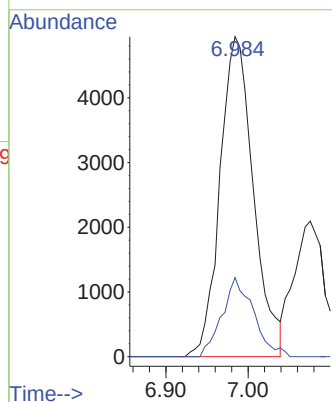
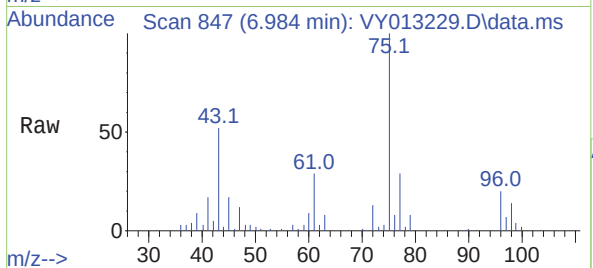




#25
2-Butanone
Concen: 26.033 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

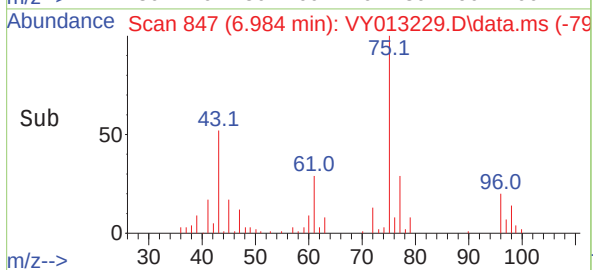
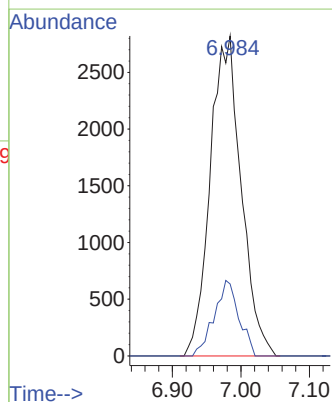
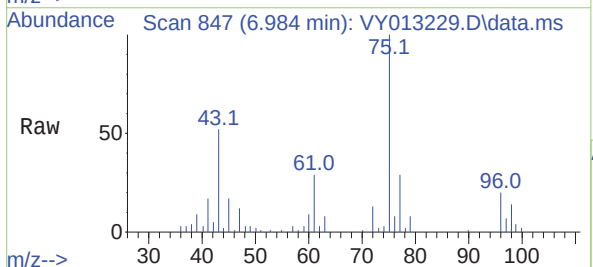
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

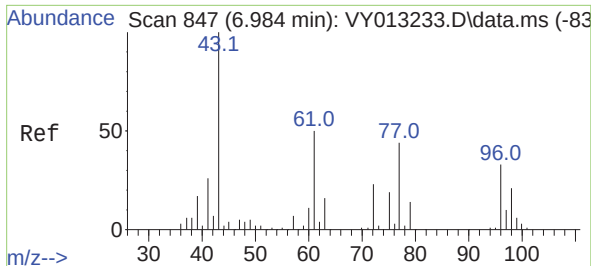
Tgt Ion: 43 Resp: 13974
Ion Ratio Lower Upper
43 100
72 24.7 21.0 31.4



#26
2,2-Dichloropropane
Concen: 5.775 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 77 Resp: 8857
Ion Ratio Lower Upper
77 100
97 18.7 11.7 35.0

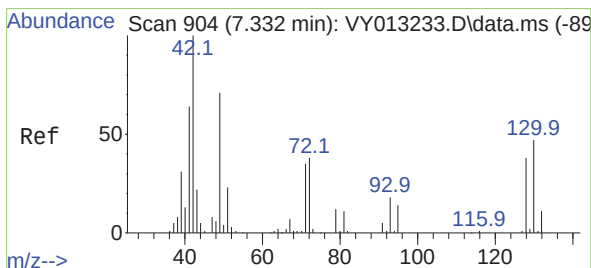
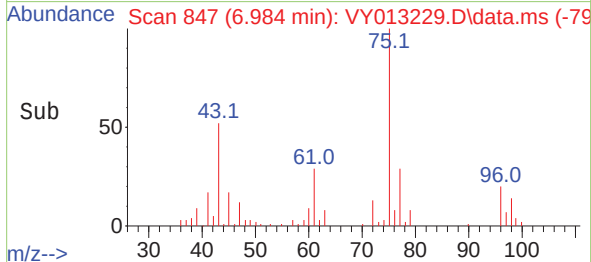
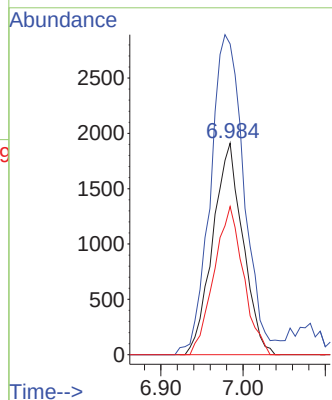
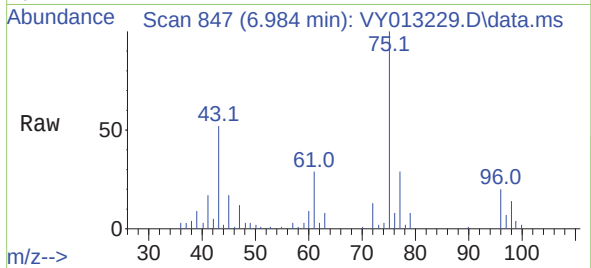




#27
 cis-1,2-Dichloroethene
 Concen: 5.145 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013229.D
 Acq: 10 Apr 2023 16:15

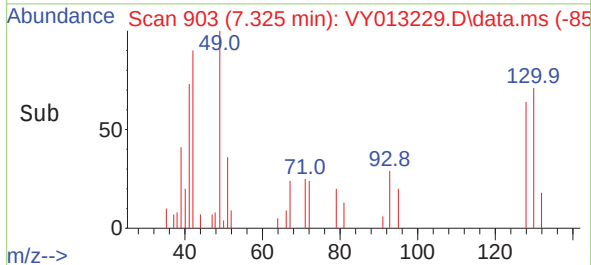
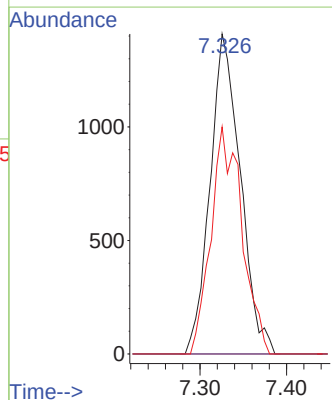
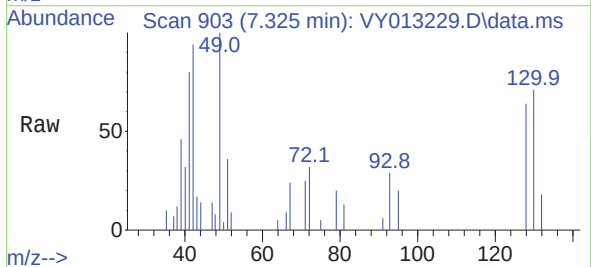
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

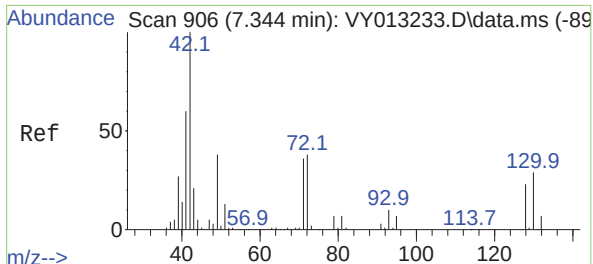
Tgt Ion: 96 Resp: 4869
 Ion Ratio Lower Upper
 96 100
 61 170.1 0.0 295.8
 98 68.5 0.0 130.2



#28
 Bromochloromethane
 Concen: 4.469 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY013229.D
 Acq: 10 Apr 2023 16:15

Tgt Ion: 49 Resp: 3427
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 72.6 60.5 90.7





#29

Tetrahydrofuran

Concen: 24.487 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

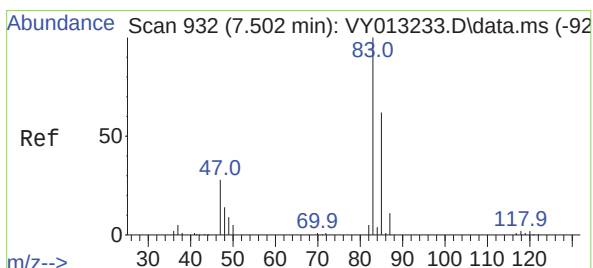
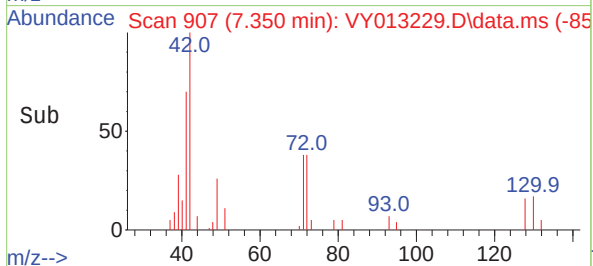
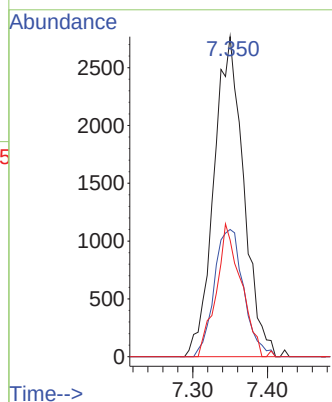
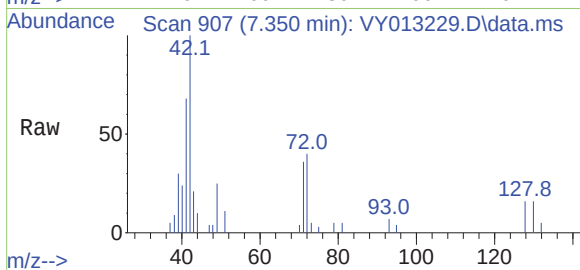
Tgt Ion: 42 Resp: 7665

Ion Ratio Lower Upper

42 100

72 39.3 32.3 48.5

71 34.4 30.3 45.5



#30

Chloroform

Concen: 5.201 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013229.D

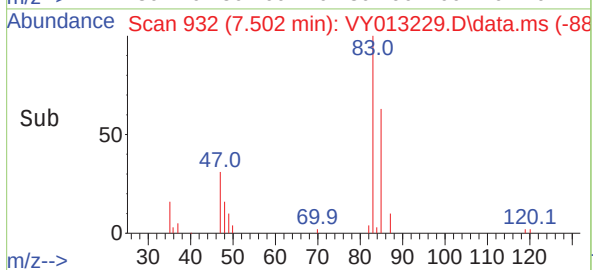
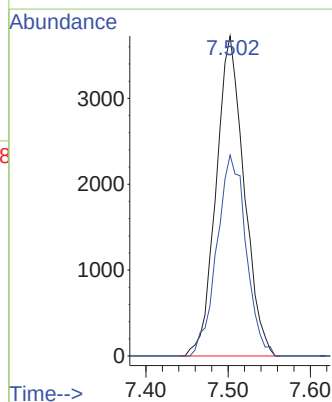
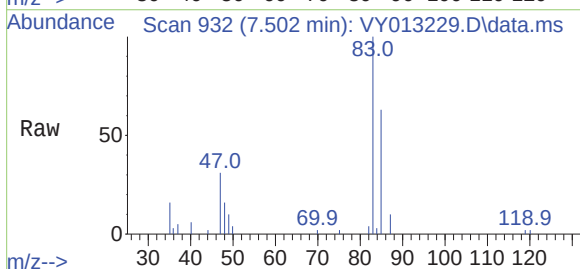
Acq: 10 Apr 2023 16:15

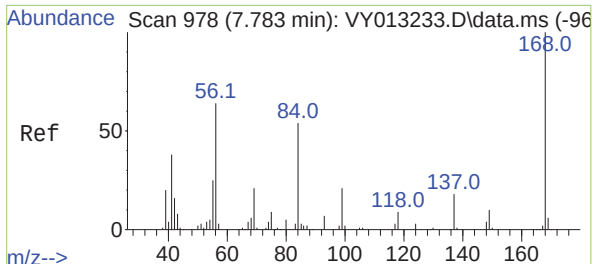
Tgt Ion: 83 Resp: 8815

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.0

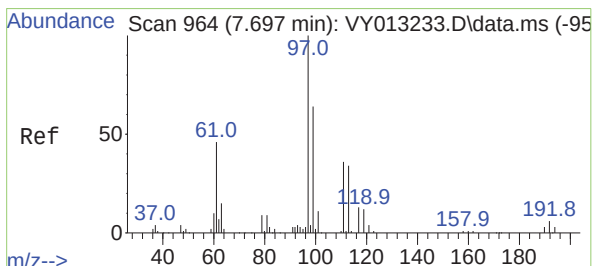
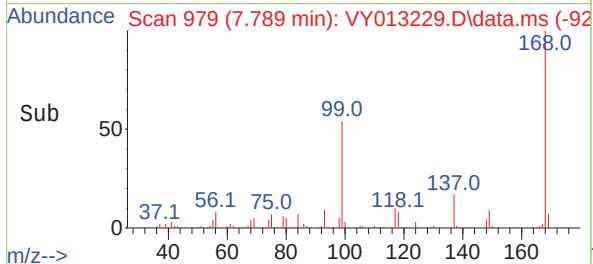
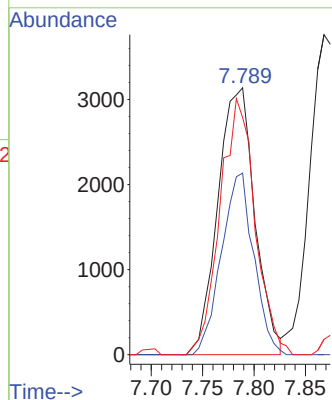
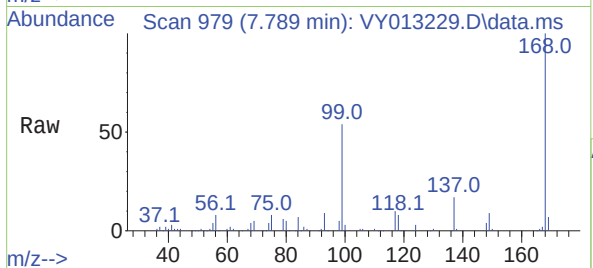




#31
Cyclohexane
Concen: 3.332 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

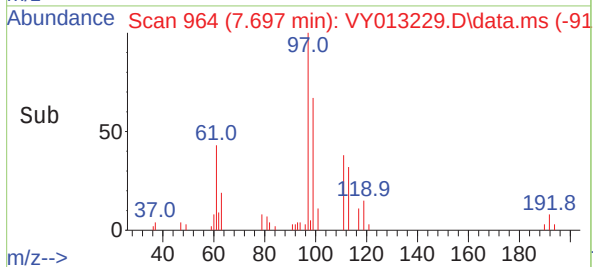
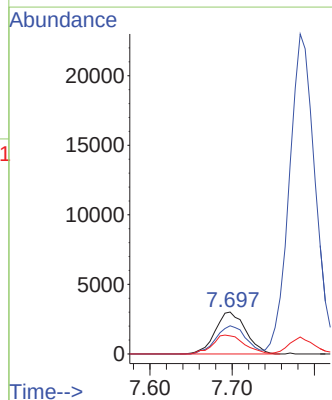
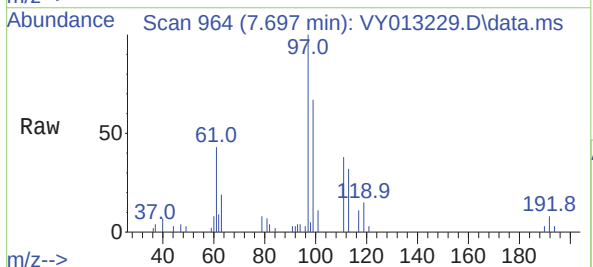
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

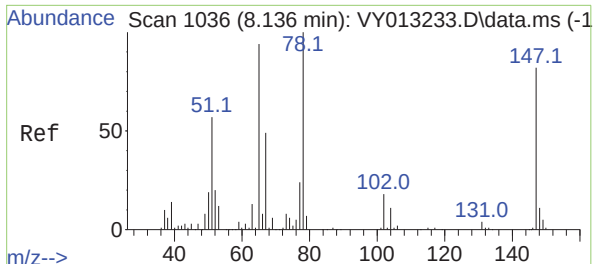
Tgt Ion: 56 Resp: 7862
Ion Ratio Lower Upper
56 100
69 68.0 25.7 38.5#
84 88.9 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 5.231 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 97 Resp: 7768
Ion Ratio Lower Upper
97 100
99 66.0 51.0 76.6
61 46.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 5.685 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

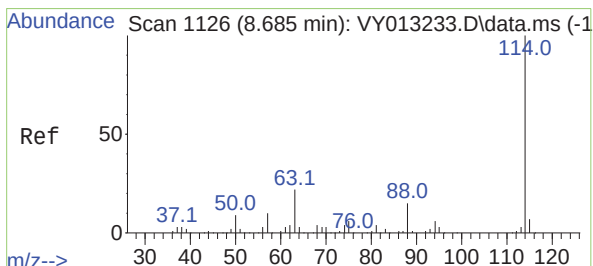
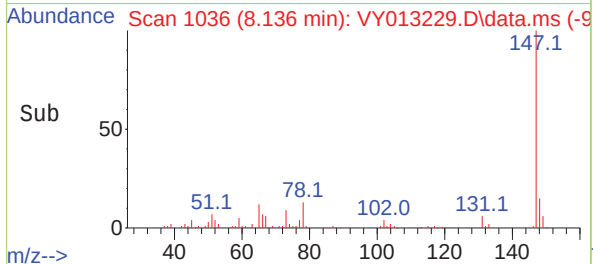
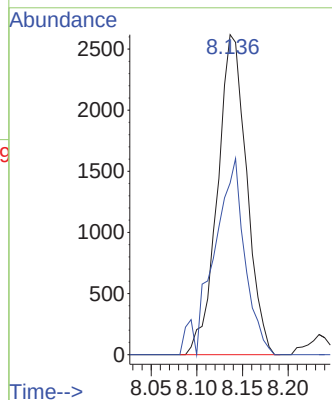
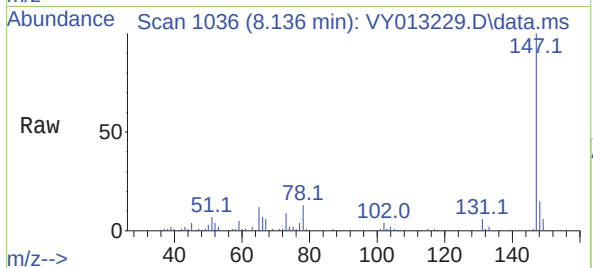
VSTDIC005

Tgt Ion: 65 Resp: 5802

Ion Ratio Lower Upper

65 100

67 65.2 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: VY013229.D

Acq: 10 Apr 2023 16:15

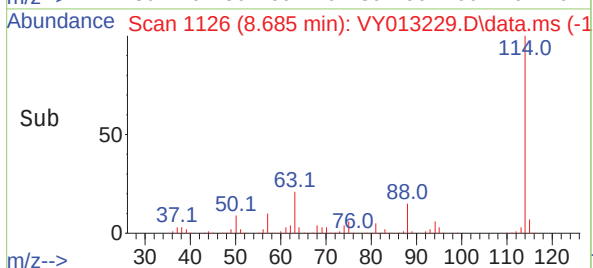
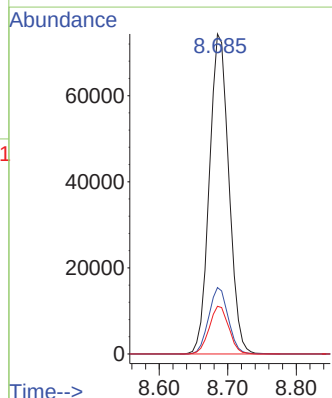
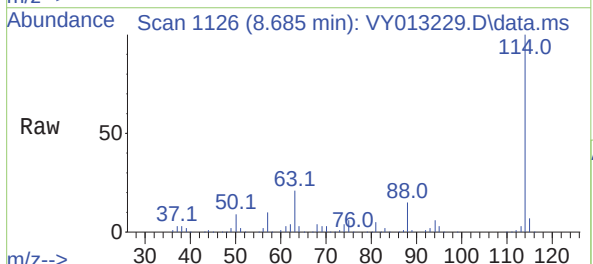
Tgt Ion: 114 Resp: 146566

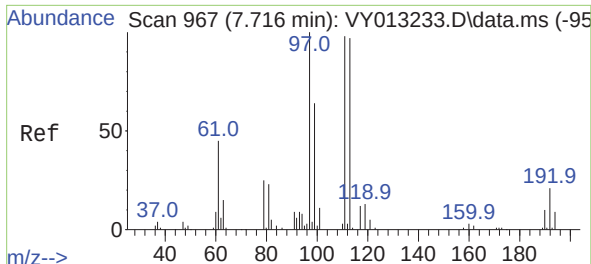
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 14.9 0.0 28.6

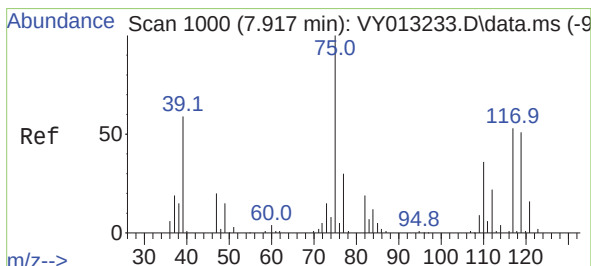
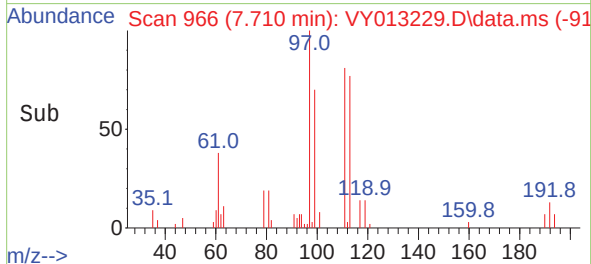
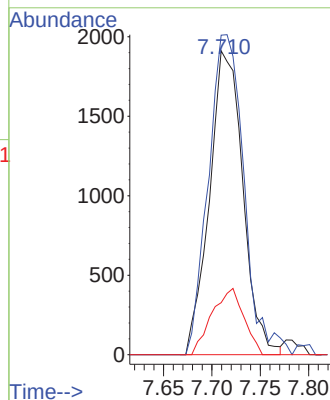
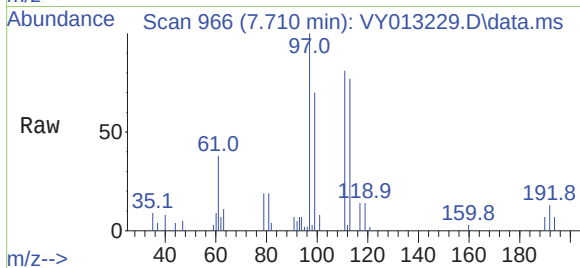




#35
Dibromofluoromethane
Concen: 5.245 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

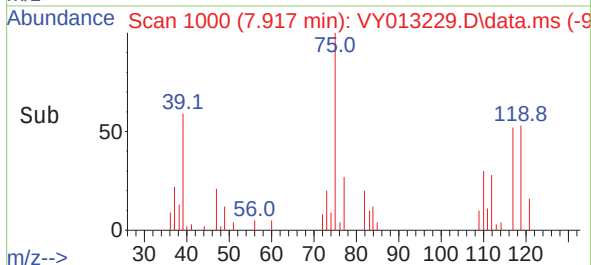
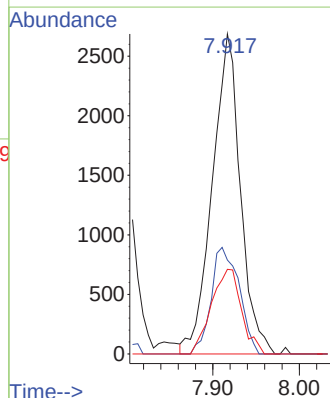
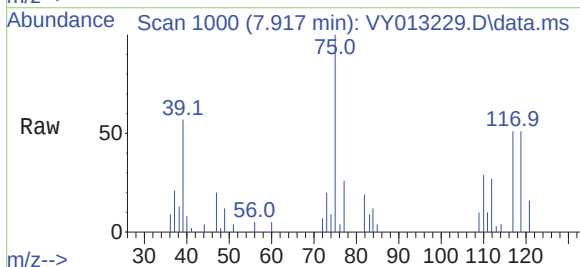
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

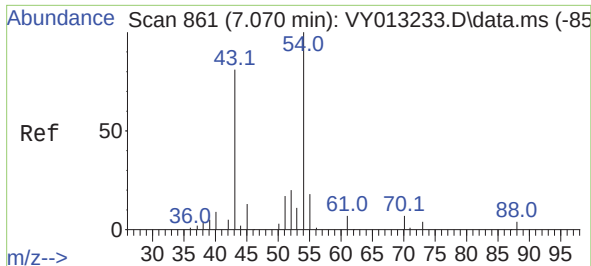
Tgt Ion:113 Resp: 4595
Ion Ratio Lower Upper
113 100
111 111.8 82.2 123.2
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 75 Resp: 6053
Ion Ratio Lower Upper
75 100
110 33.2 17.8 53.3
77 28.2 25.0 37.4





#37

Ethyl Acetate

Concen: 5.403 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

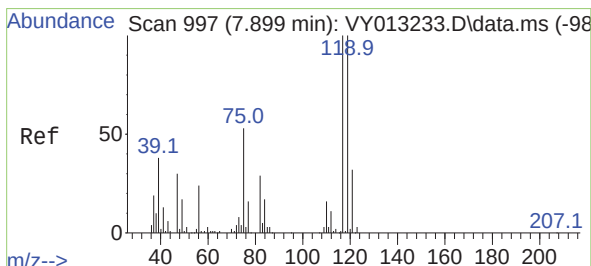
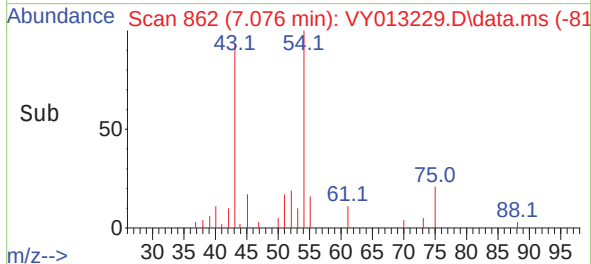
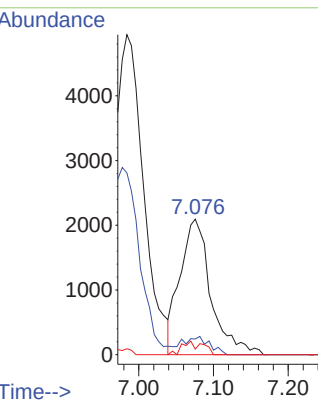
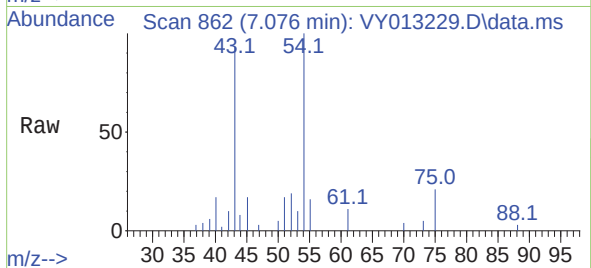
Tgt Ion: 43 Resp: 6026

Ion Ratio Lower Upper

43 100

61 11.6 10.7 16.1

70 4.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.227 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.007 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

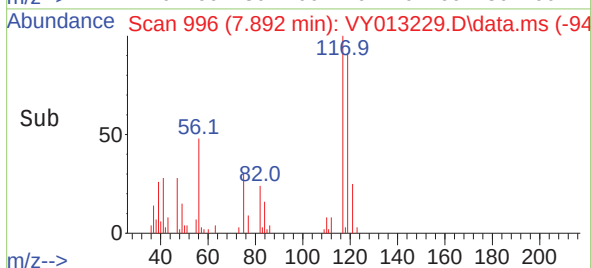
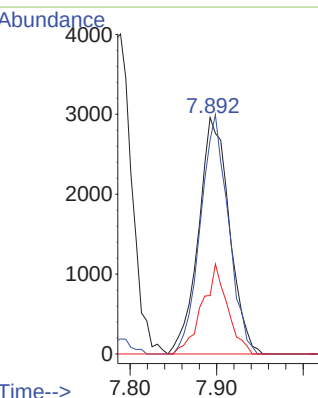
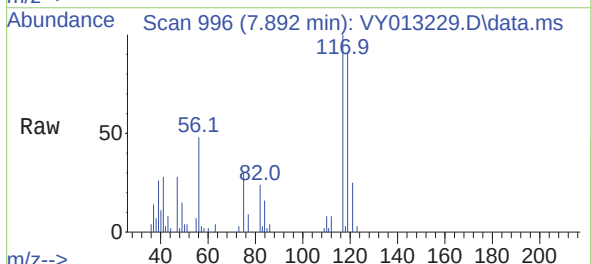
Tgt Ion: 117 Resp: 7333

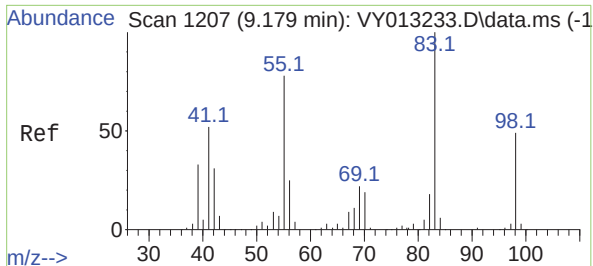
Ion Ratio Lower Upper

117 100

119 90.7 77.2 115.8

121 24.7 24.7 37.1#

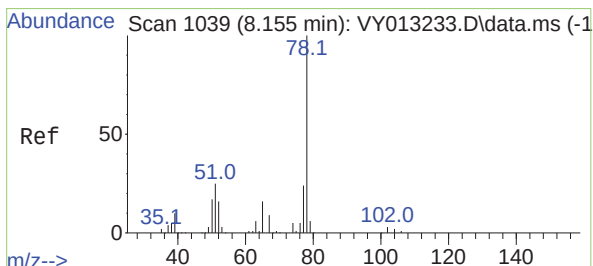
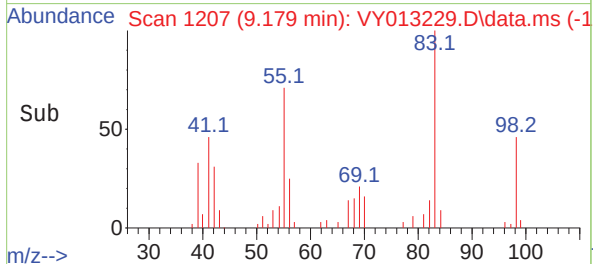
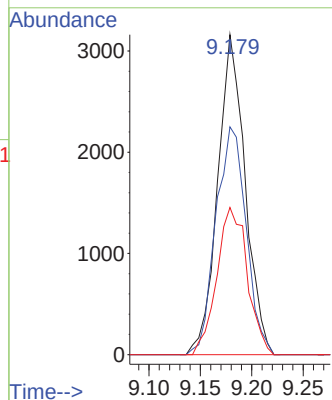
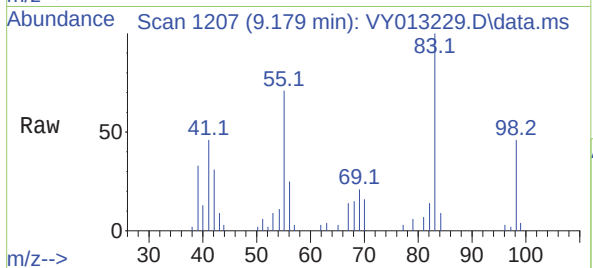




#39
Methylcyclohexane
Concen: 4.638 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

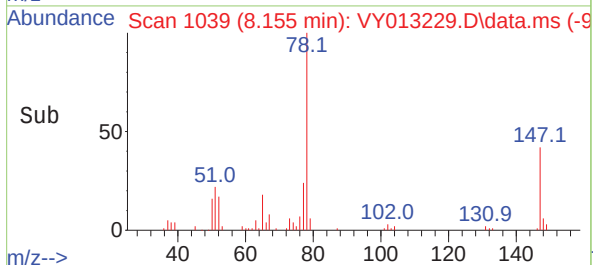
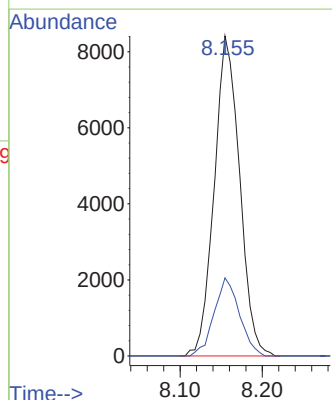
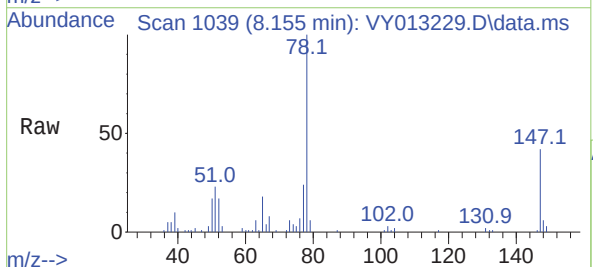
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

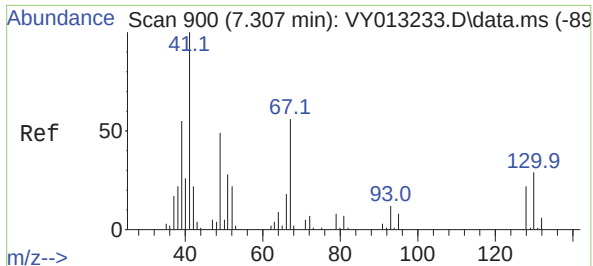
Tgt Ion: 83 Resp: 5873
Ion Ratio Lower Upper
83 100
55 71.2 60.0 90.0
98 46.0 38.3 57.5



#40
Benzene
Concen: 5.082 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 78 Resp: 18037
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

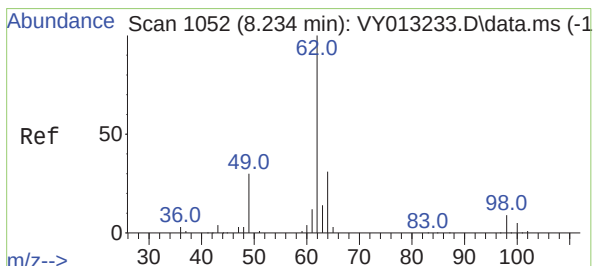
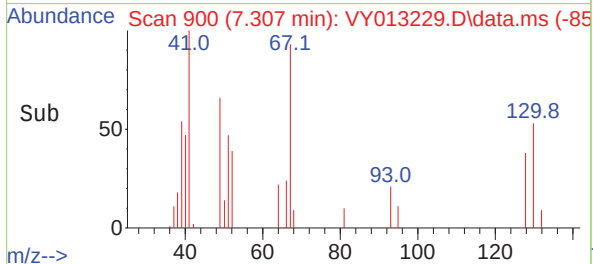
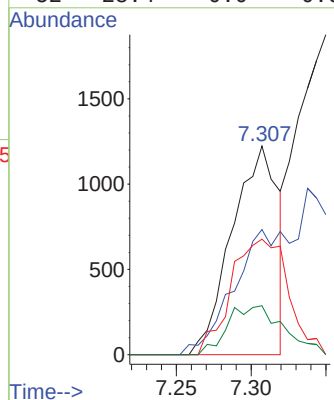
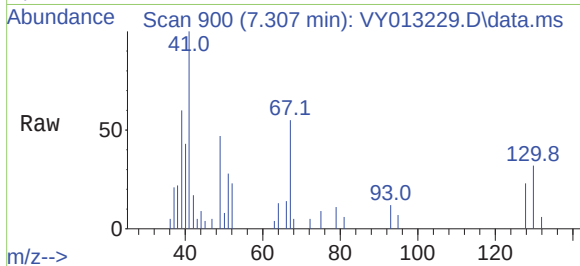




#41
Methacrylonitrile
Concen: 4.522 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

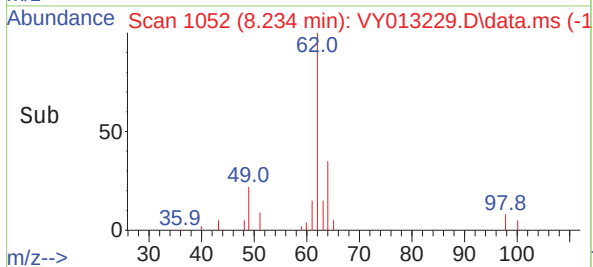
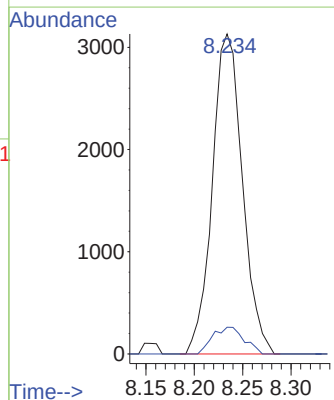
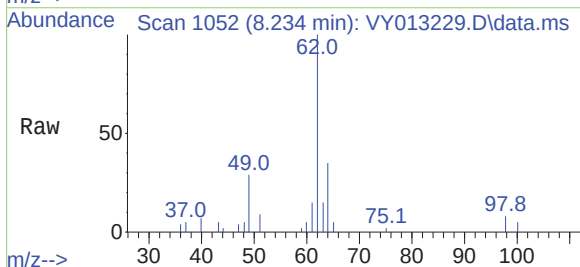
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

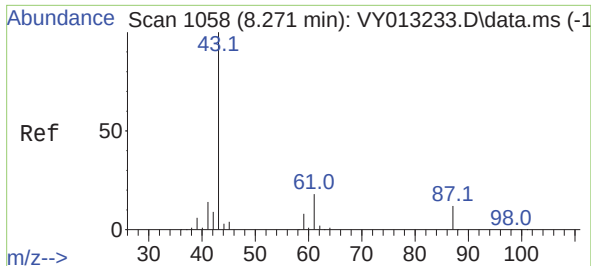
Tgt Ion:	41	Resp:	2630
Ion	Ratio	Lower	Upper
41	100		
39	51.2	0.0	0.0#
67	68.3	0.0	0.0#
52	28.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 5.193 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion:	62	Resp:	6772
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.8





#43

Isopropyl Acetate

Concen: 4.704 ug/l

RT: 8.270 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

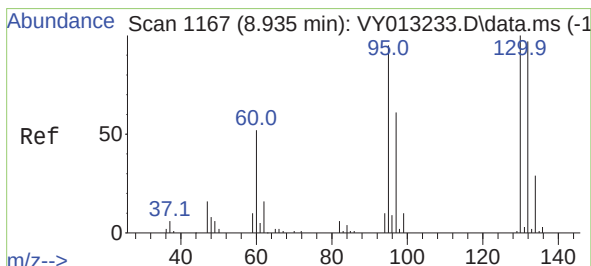
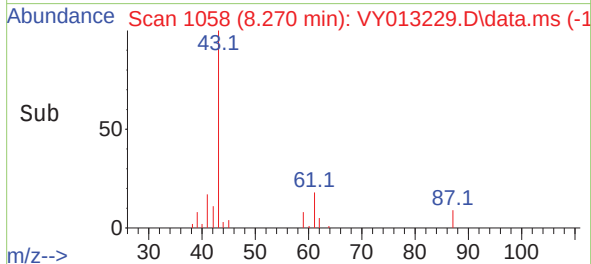
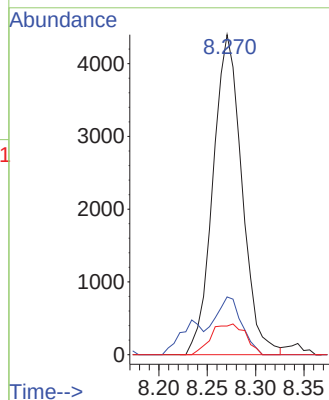
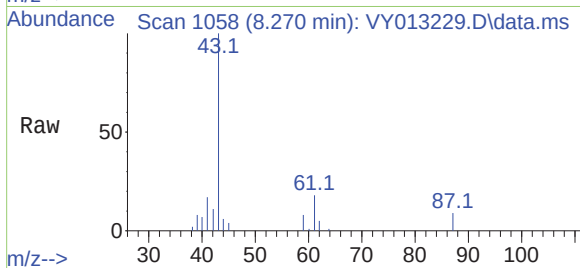
Tgt Ion: 43 Resp: 9164

Ion Ratio Lower Upper

43 100

61 16.8 21.6 32.4#

87 11.4 9.9 14.9



#44

Trichloroethene

Concen: 5.047 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013229.D

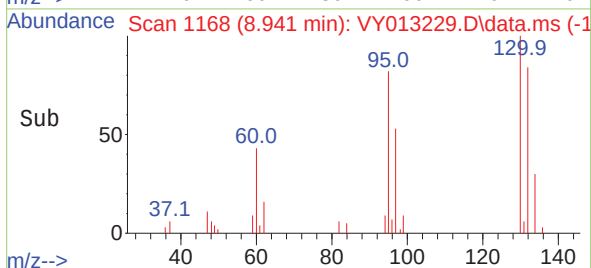
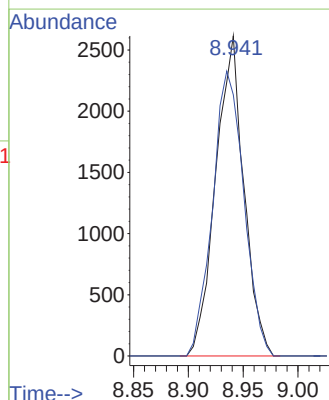
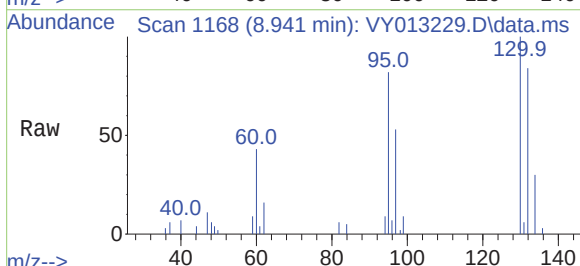
Acq: 10 Apr 2023 16:15

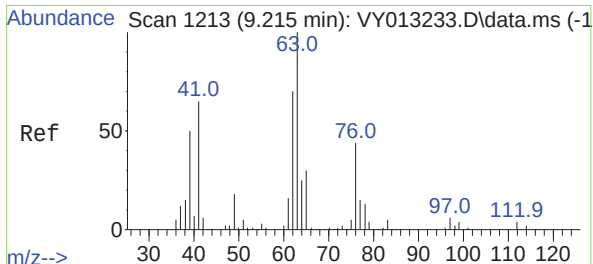
Tgt Ion:130 Resp: 4676

Ion Ratio Lower Upper

130 100

95 81.6 0.0 185.0

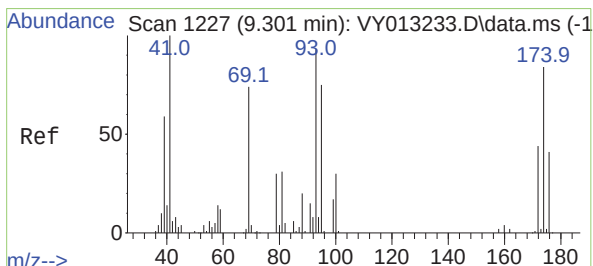
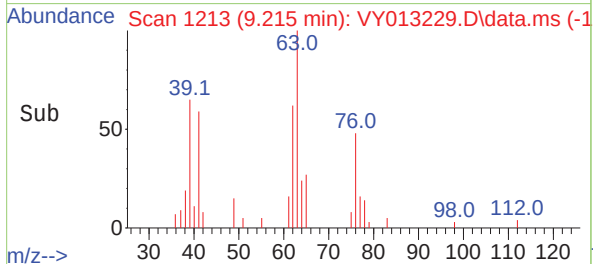
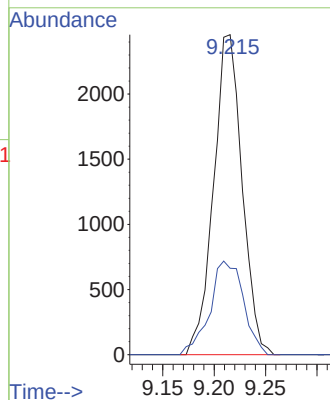
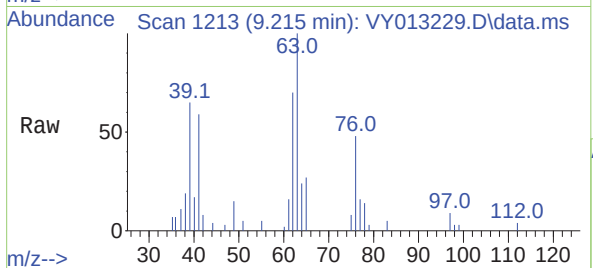




#45
1,2-Dichloropropane
Concen: 4.903 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

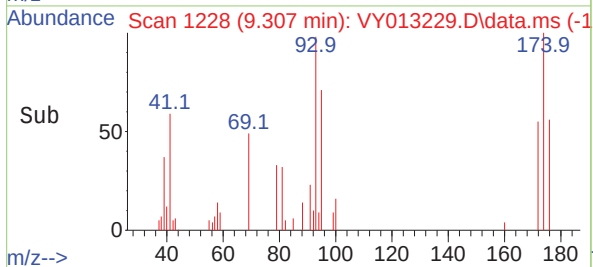
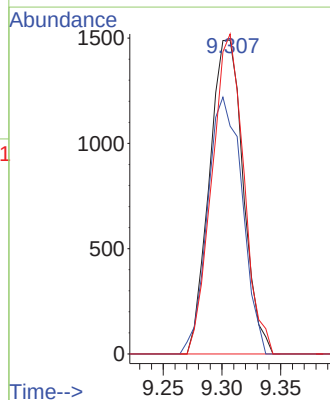
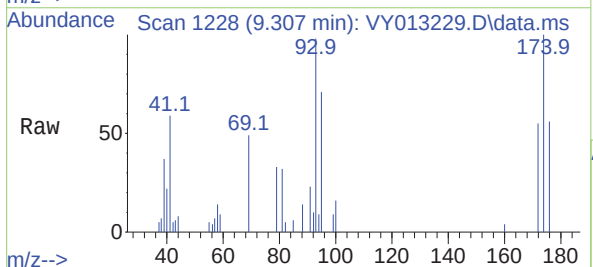
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

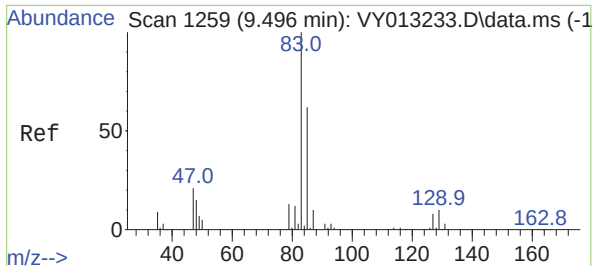
Tgt Ion: 63 Resp: 4739
Ion Ratio Lower Upper
63 100
65 27.0 25.7 38.5



#46
Dibromomethane
Concen: 5.055 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 93 Resp: 2974
Ion Ratio Lower Upper
93 100
95 84.0 65.6 98.4
174 96.4 81.3 121.9





#47

Bromodichloromethane

Concen: 5.035 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

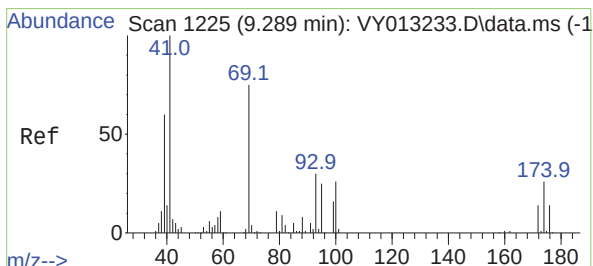
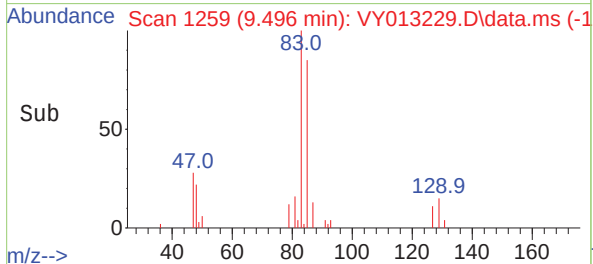
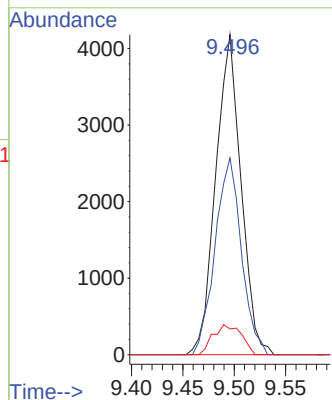
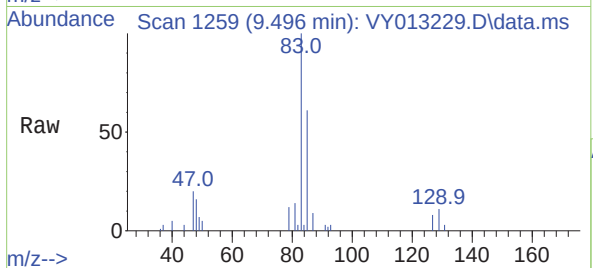
Tgt Ion: 83 Resp: 7153

Ion Ratio Lower Upper

83 100

85 61.4 50.2 75.4

127 8.0 6.3 9.5



#48

Methyl methacrylate

Concen: 4.622 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

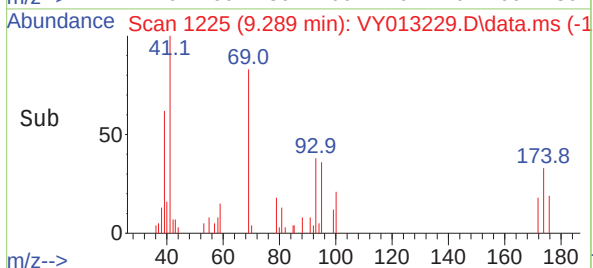
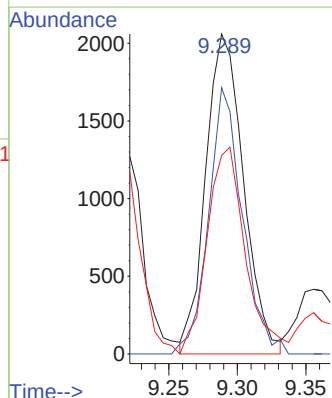
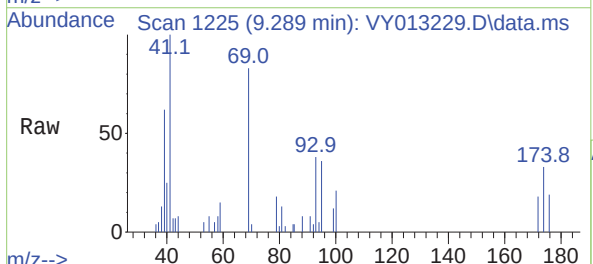
Tgt Ion: 41 Resp: 3954

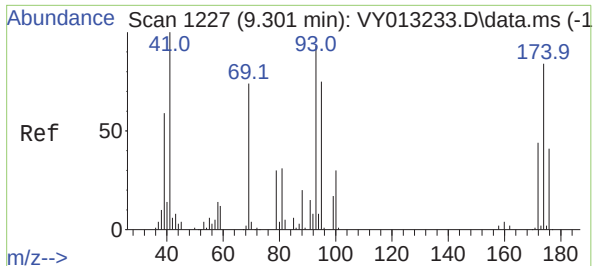
Ion Ratio Lower Upper

41 100

69 74.5 64.1 96.1

39 65.4 44.0 66.0

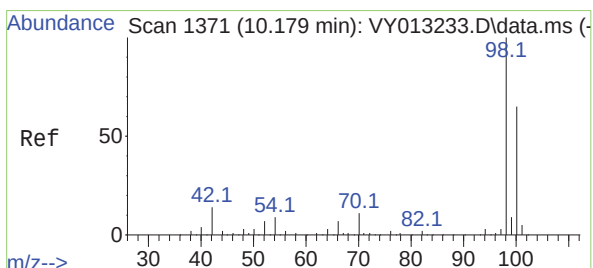
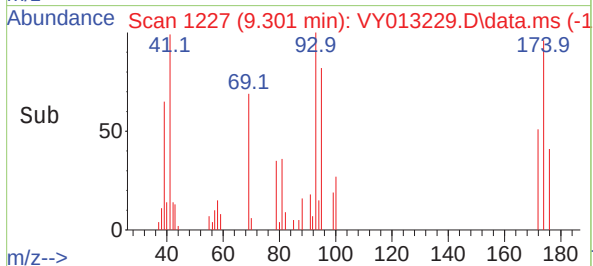
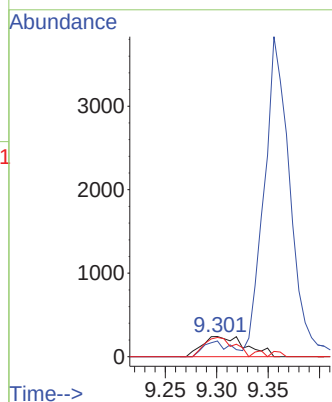
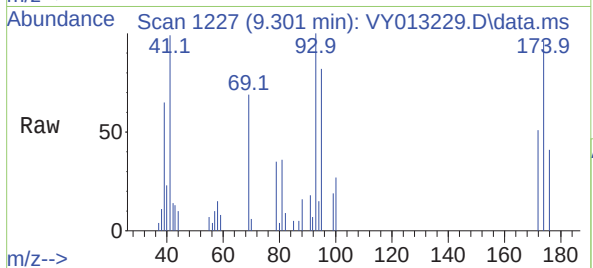




#49
1,4-Dioxane
Concen: 85.318 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

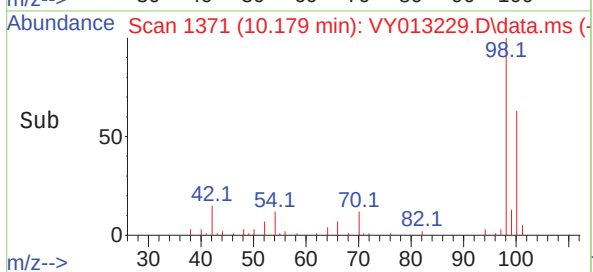
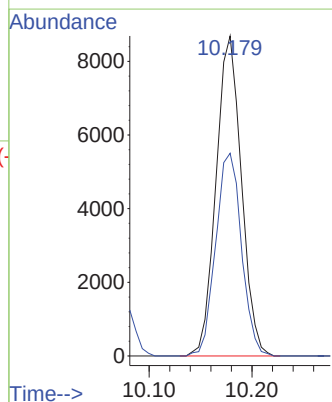
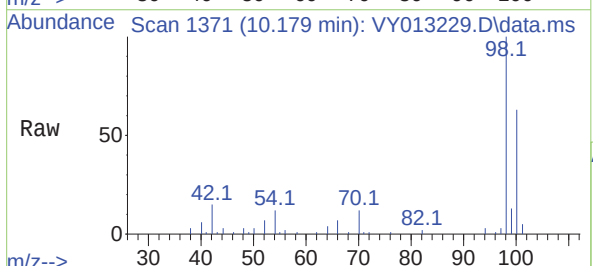
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

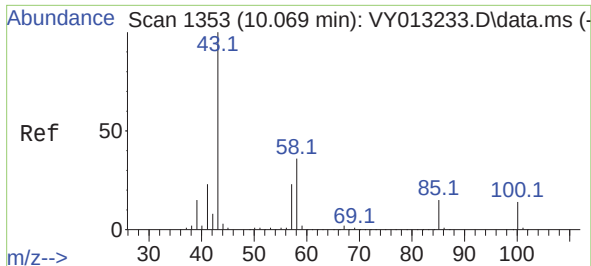
Tgt Ion: 88 Resp: 714
Ion Ratio Lower Upper
88 100
43 48.5 28.6 42.8#
58 65.1 55.2 82.8



#50
Toluene-d8
Concen: 4.848 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 98 Resp: 14872
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 23.099 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

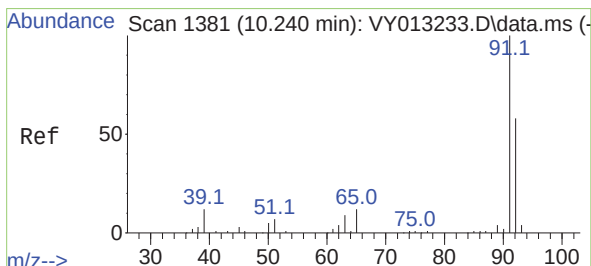
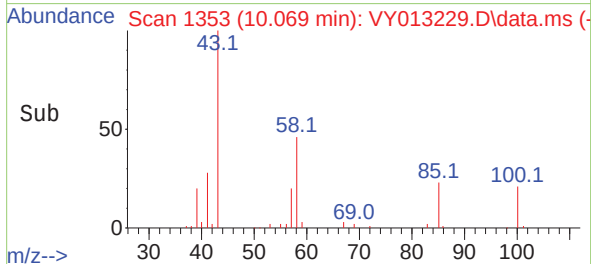
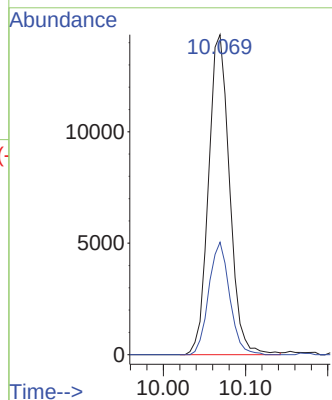
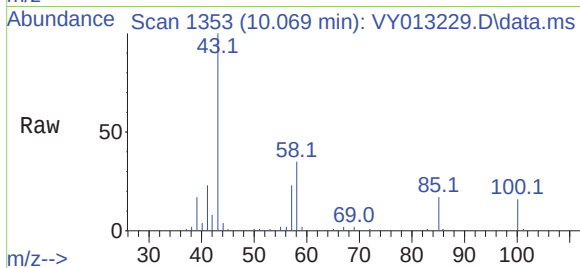
VSTDIC005

Tgt Ion: 43 Resp: 25521

Ion Ratio Lower Upper

43 100

58 34.8 29.8 44.6



#52

Toluene

Concen: 4.882 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY013229.D

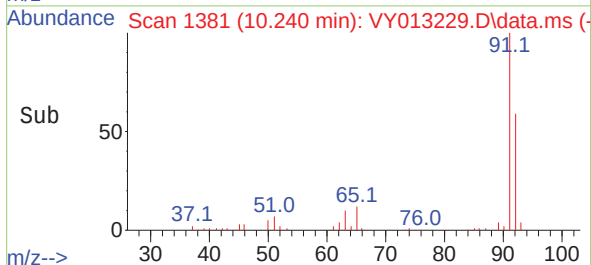
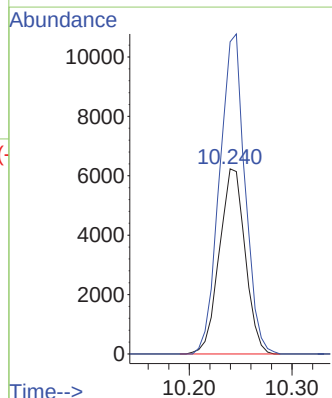
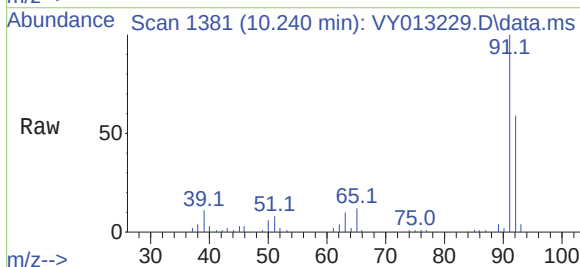
Acq: 10 Apr 2023 16:15

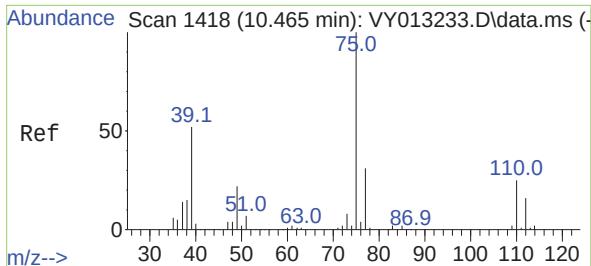
Tgt Ion: 92 Resp: 10865

Ion Ratio Lower Upper

92 100

91 170.6 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 4.800 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

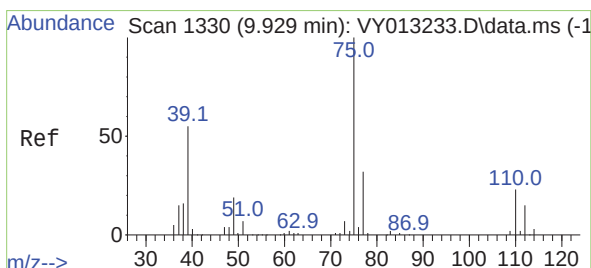
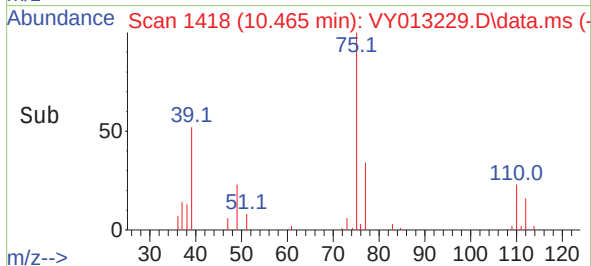
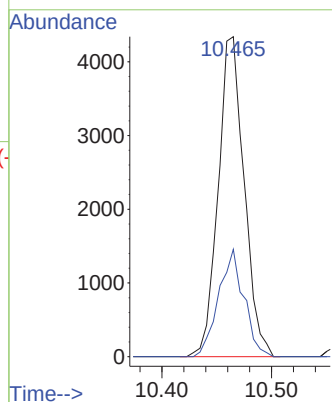
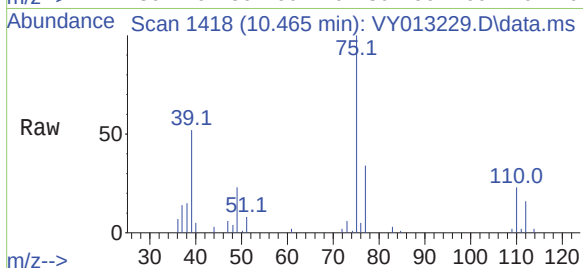
VSTDICC005

Tgt Ion: 75 Resp: 7145

Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 4.822 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

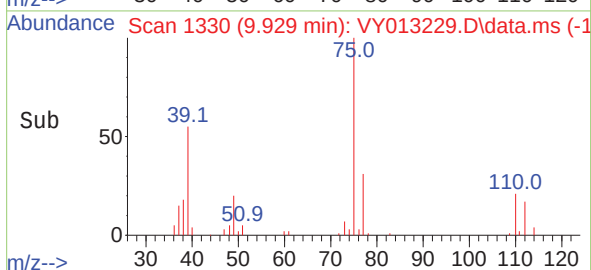
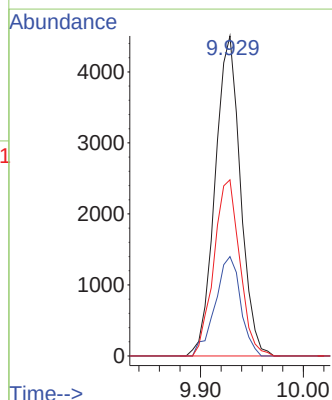
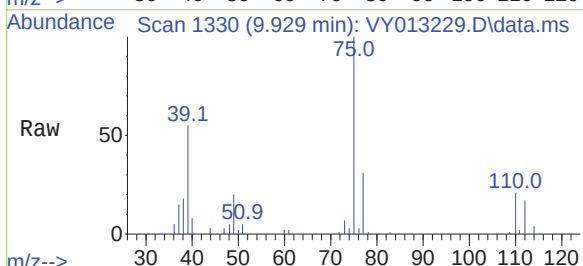
Tgt Ion: 75 Resp: 7697

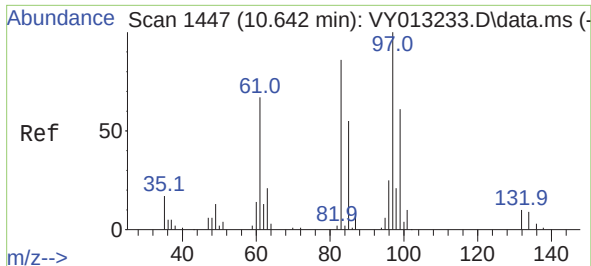
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 55.1 39.0 58.4

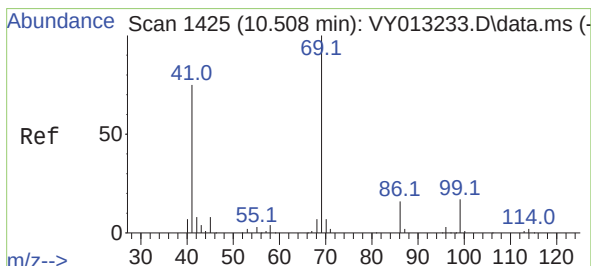
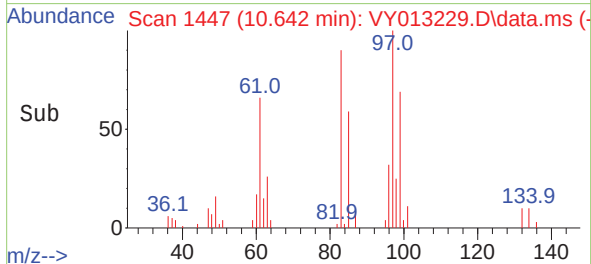
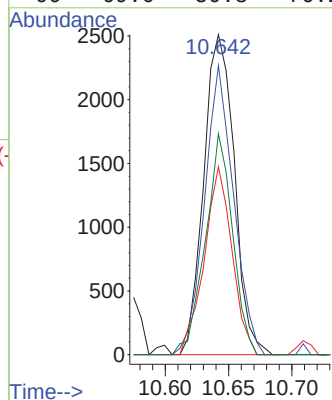
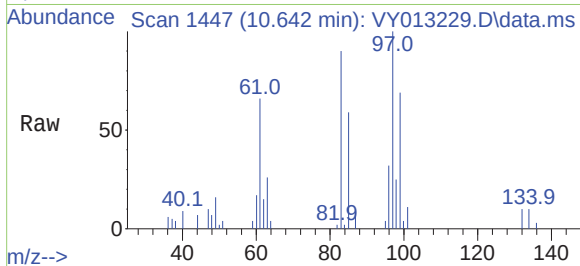




#55
1,1,2-Trichloroethane
Concen: 5.072 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

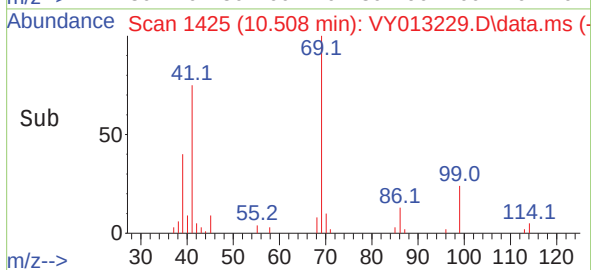
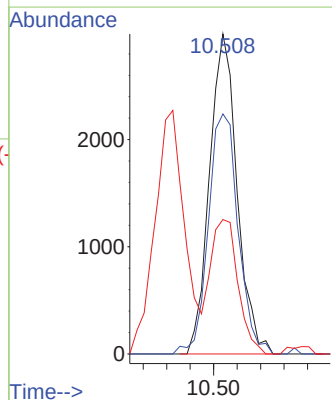
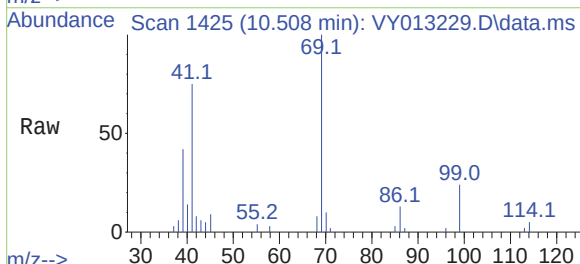
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

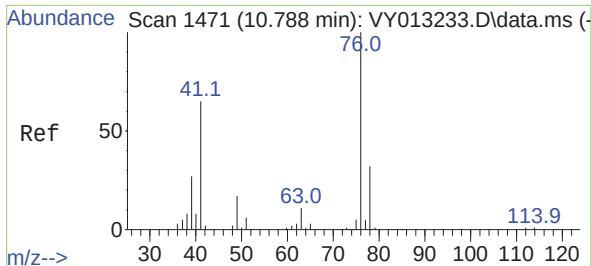
Tgt Ion: 97	Resp: 4220
Ion Ratio	Lower Upper
97 100	
83 90.4	69.0 103.6
85 58.7	44.9 67.3
99 69.0	50.8 76.2



#56
Ethyl methacrylate
Concen: 4.188 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 69	Resp: 4869
Ion Ratio	Lower Upper
69 100	
41 81.0	56.4 84.6
39 41.9	30.8 46.2

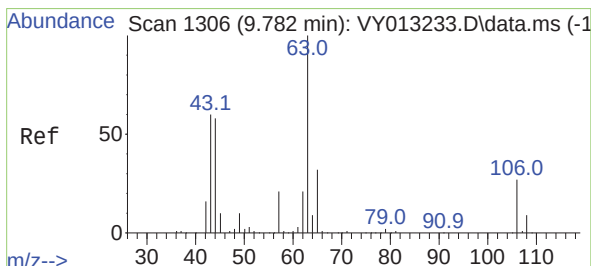
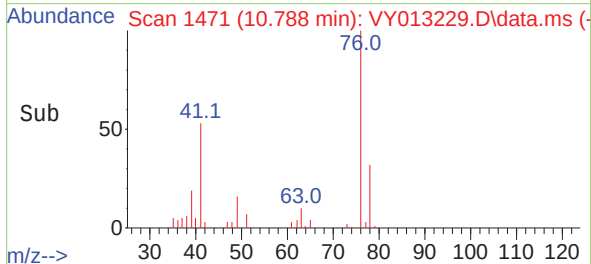
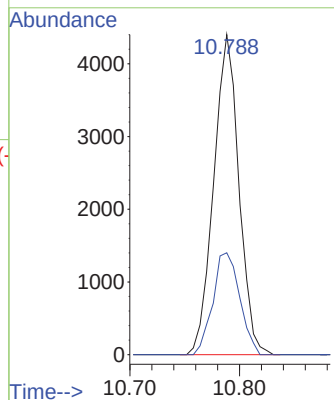
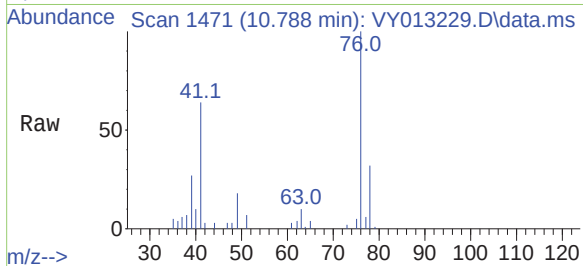




#57
1,3-Dichloropropane
Concen: 5.011 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

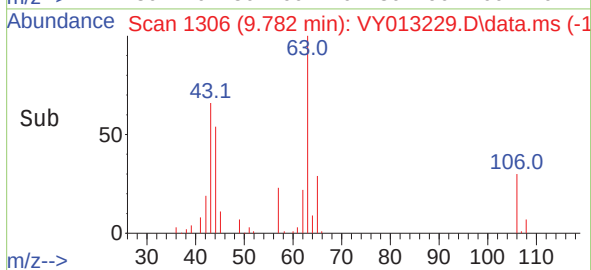
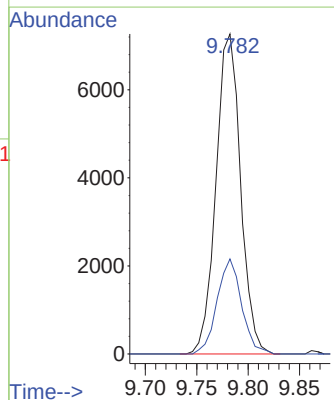
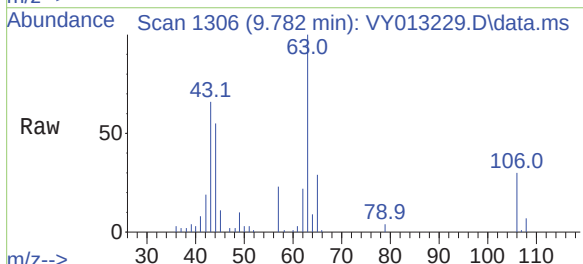
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

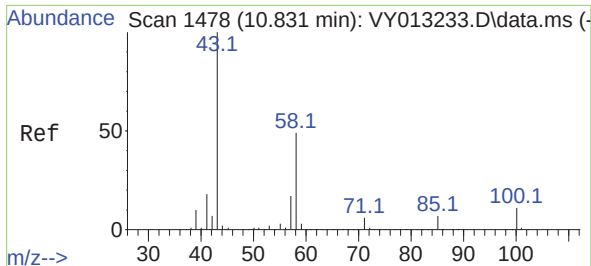
Tgt Ion: 76 Resp: 7032
Ion Ratio Lower Upper
76 100
78 33.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 22.894 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 63 Resp: 12072
Ion Ratio Lower Upper
63 100
106 29.6 22.1 33.1





#59

2-Hexanone

Concen: 22.042 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

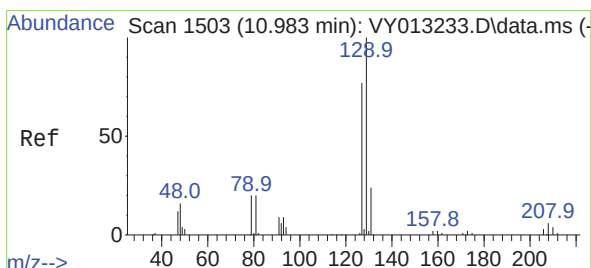
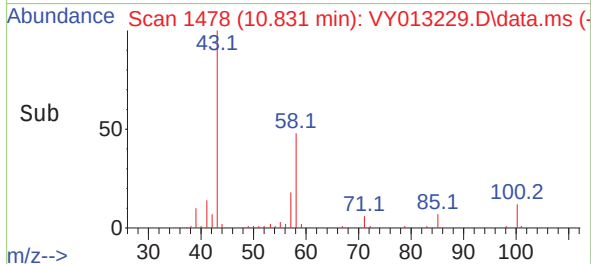
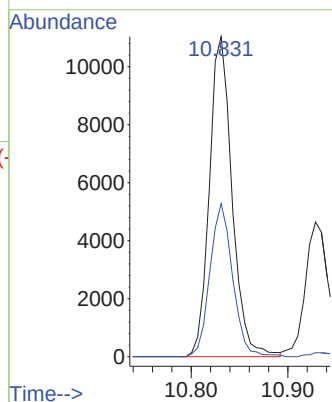
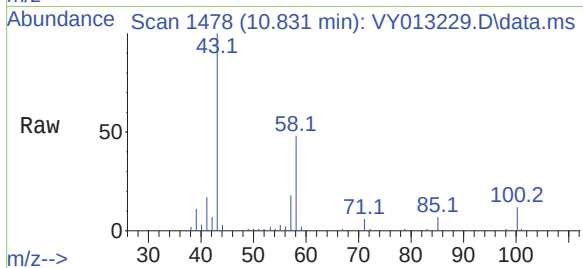
VSTDICC005

Tgt Ion: 43 Resp: 17960

Ion Ratio Lower Upper

43 100

58 47.8 25.9 77.8



#60

Dibromochloromethane

Concen: 4.906 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.006 min

Lab File: VY013229.D

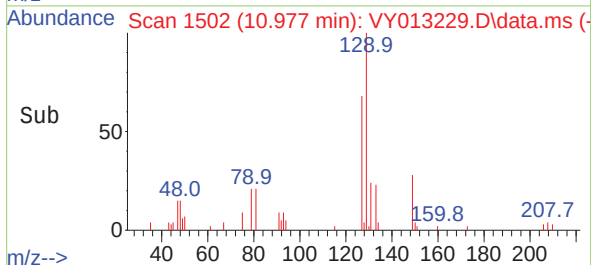
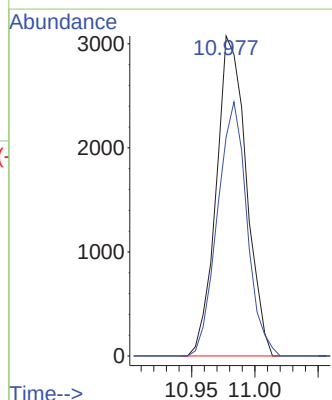
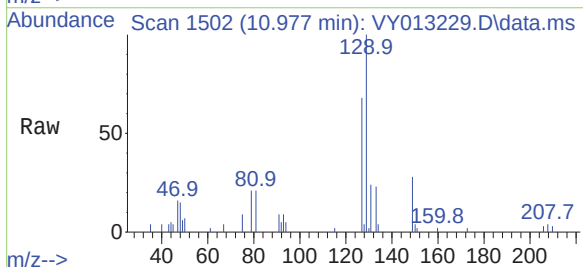
Acq: 10 Apr 2023 16:15

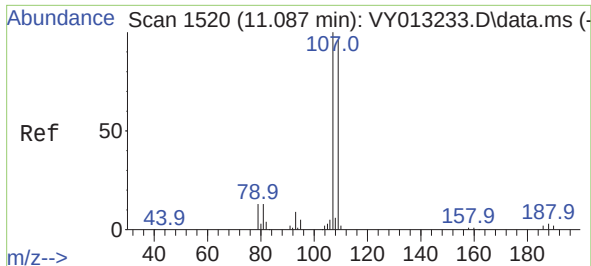
Tgt Ion:129 Resp: 5080

Ion Ratio Lower Upper

129 100

127 78.0 38.7 116.1

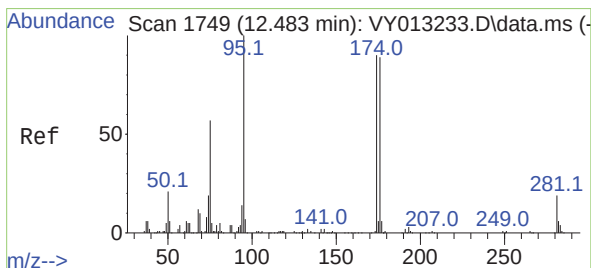
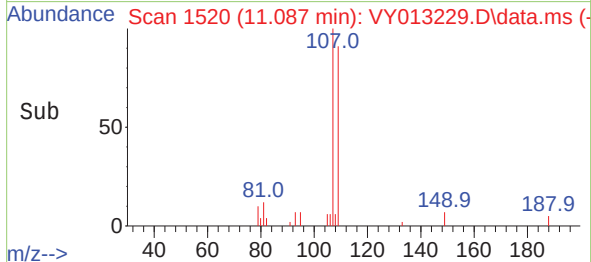
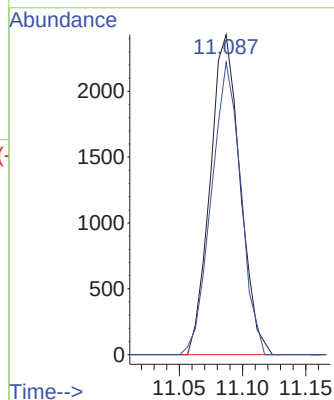
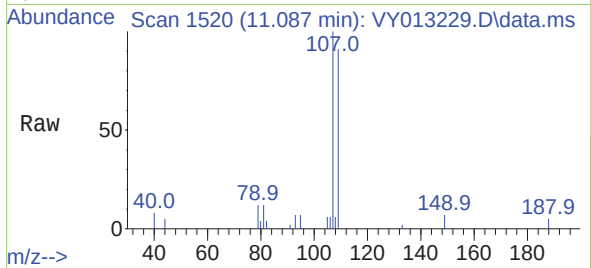




#61
1,2-Dibromoethane
Concen: 5.039 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

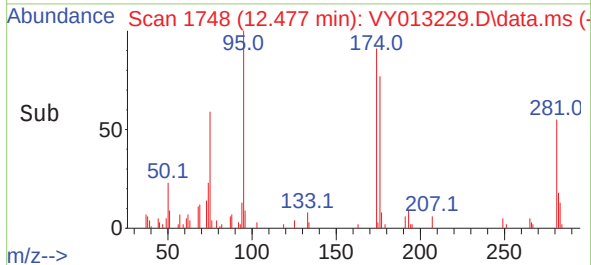
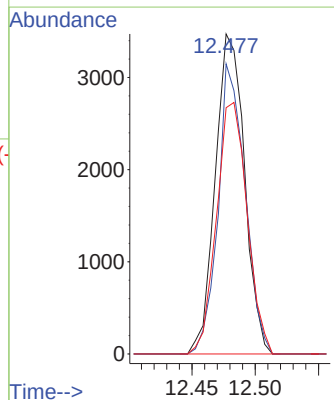
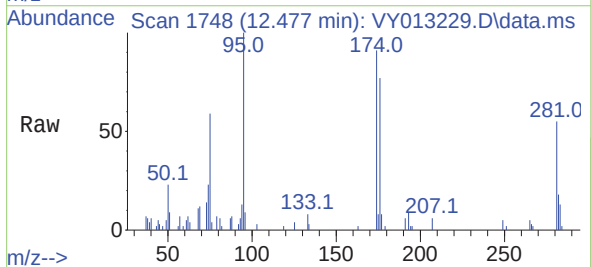
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

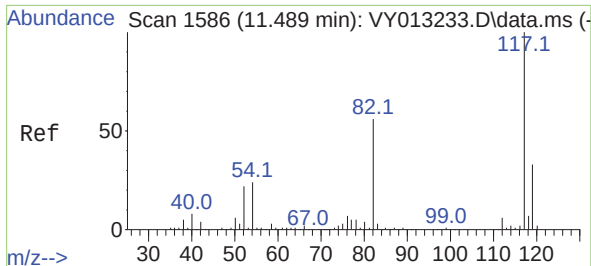
Tgt Ion:107 Resp: 4002
Ion Ratio Lower Upper
107 100
109 89.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 5.082 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 95 Resp: 5566
Ion Ratio Lower Upper
95 100
174 83.9 0.0 176.6
176 82.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

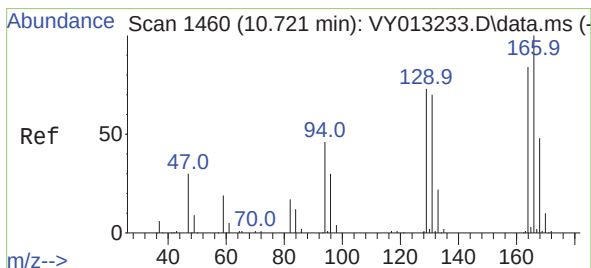
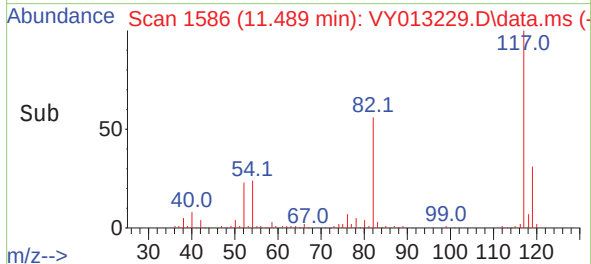
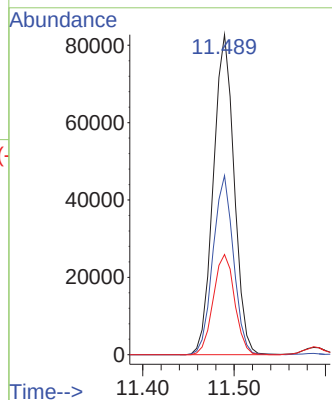
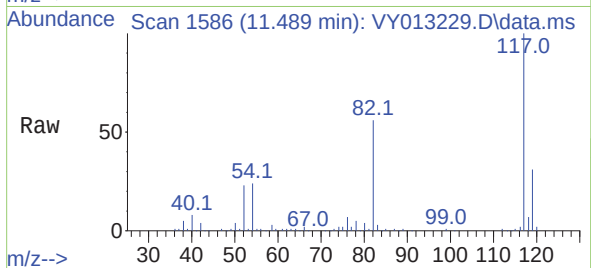
Tgt Ion:117 Resp: 130742

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

119 31.3 25.6 38.4



#64

Tetrachloroethene

Concen: 5.015 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Tgt Ion:164 Resp: 4048

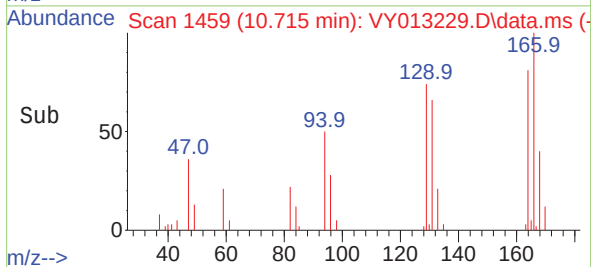
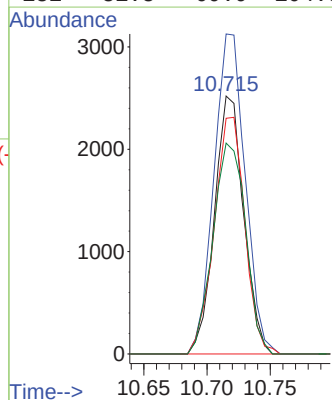
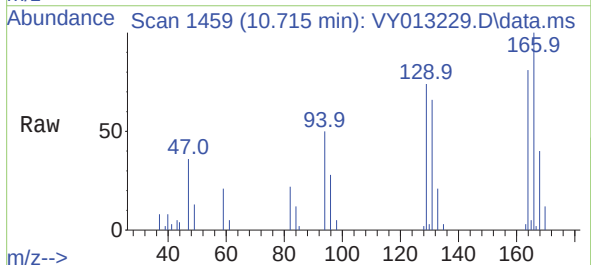
Ion Ratio Lower Upper

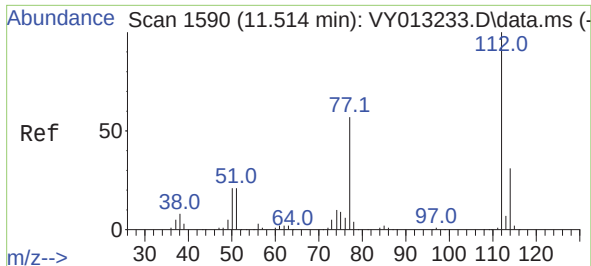
164 100

166 124.1 103.4 155.2

129 91.4 71.4 107.2

131 81.8 69.9 104.9





#65

Chlorobenzene

Concen: 5.002 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

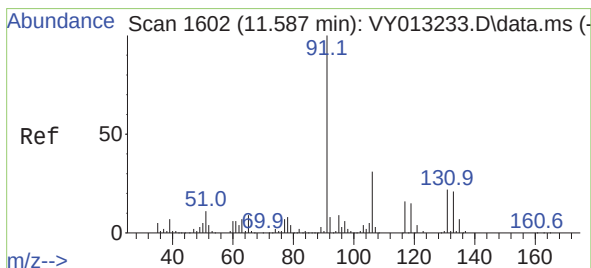
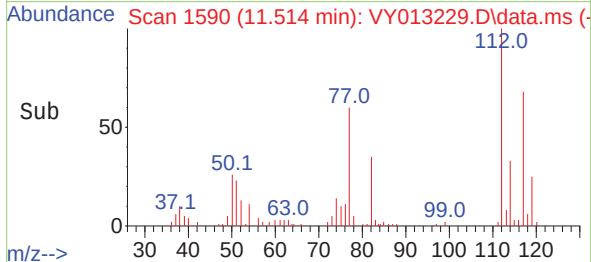
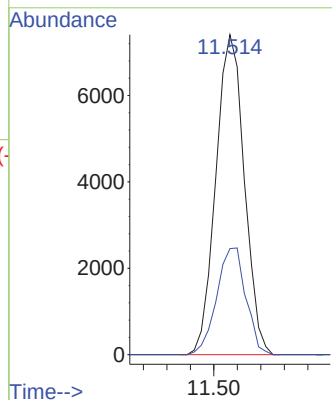
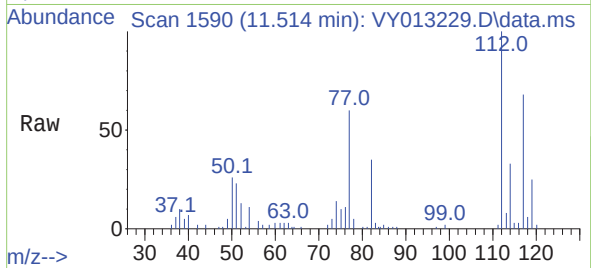
VSTDIC005

Tgt Ion:112 Resp: 12463

Ion Ratio Lower Upper

112 100

114 33.1 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 4.979 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

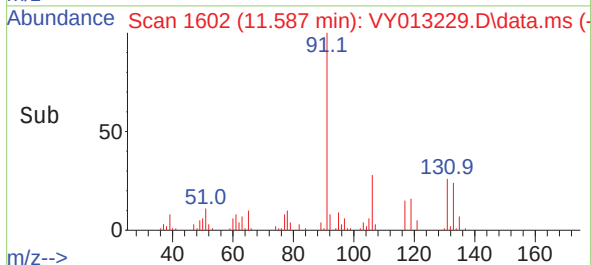
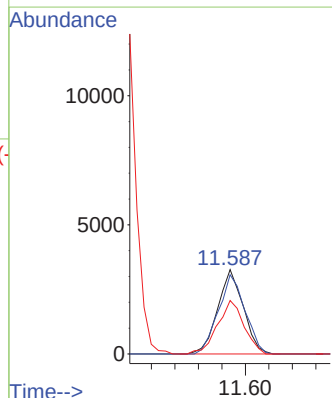
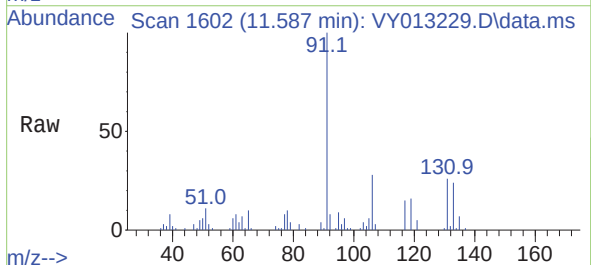
Tgt Ion:131 Resp: 4934

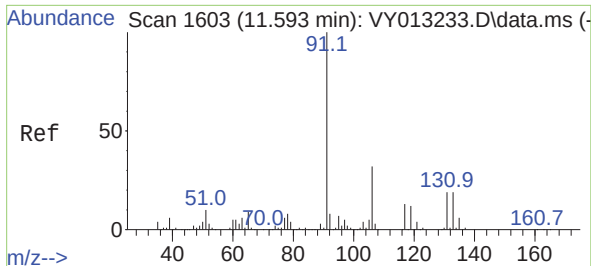
Ion Ratio Lower Upper

131 100

133 98.1 48.0 144.0

119 65.4 32.6 98.0





#67

Ethyl Benzene

Concen: 4.753 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

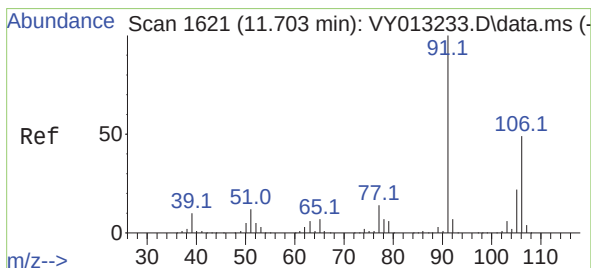
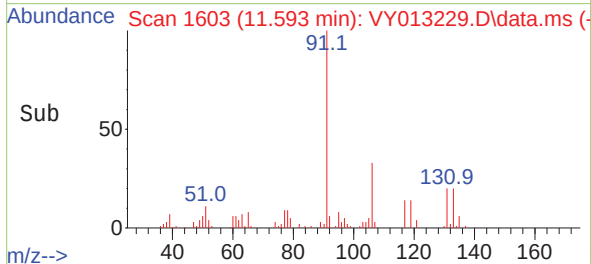
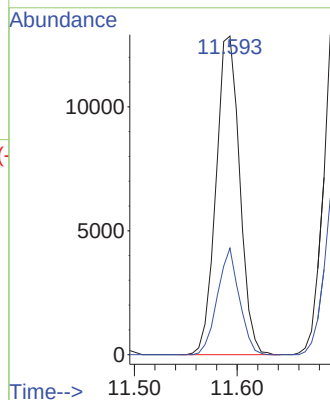
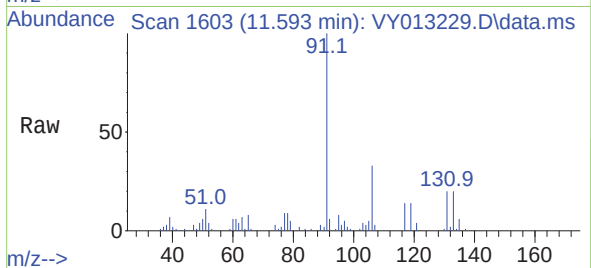
VSTDIC005

Tgt Ion: 91 Resp: 20558

Ion Ratio Lower Upper

91 100

106 33.4 25.1 37.7



#68

m/p-Xylenes

Concen: 9.470 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013229.D

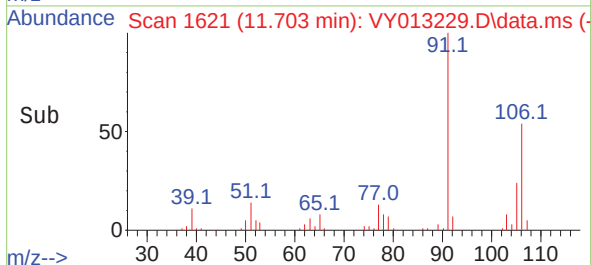
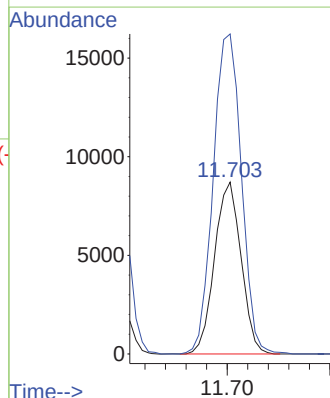
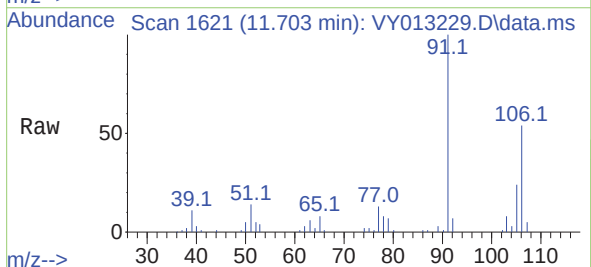
Acq: 10 Apr 2023 16:15

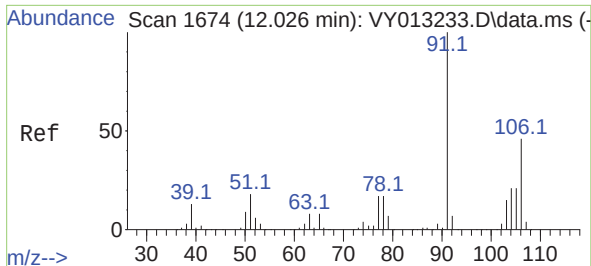
Tgt Ion: 106 Resp: 15584

Ion Ratio Lower Upper

106 100

91 198.1 159.8 239.8





#69

o-Xylene

Concen: 4.651 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

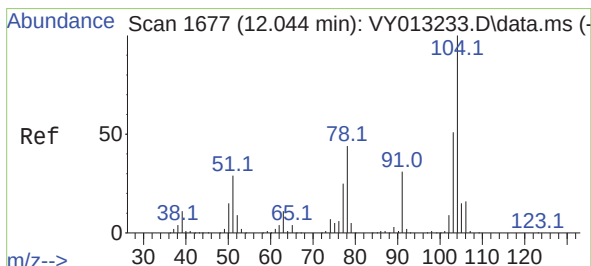
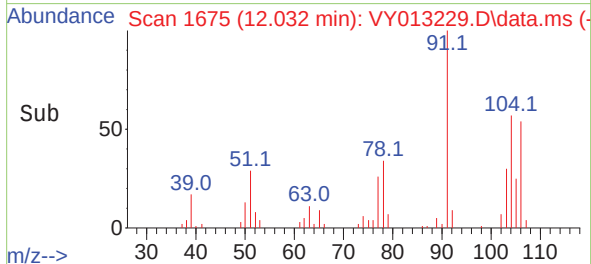
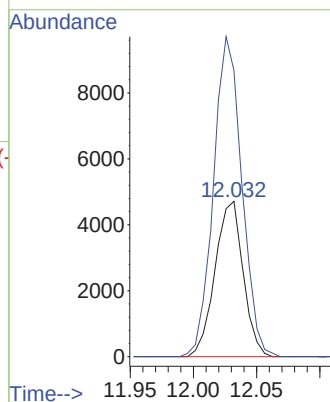
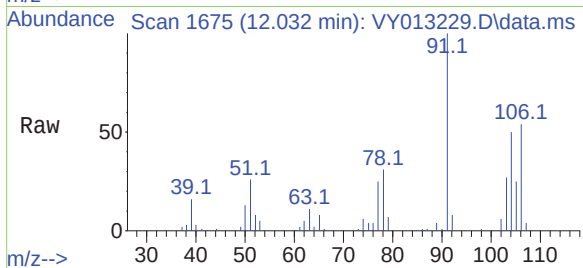
VSTDIC005

Tgt Ion:106 Resp: 7275

Ion Ratio Lower Upper

106 100

91 207.9 107.2 321.6



#70

Styrene

Concen: 4.360 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

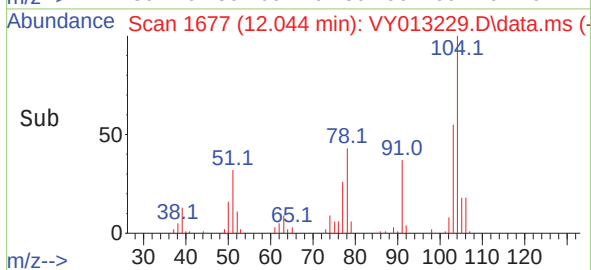
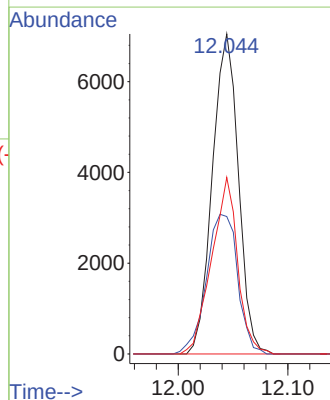
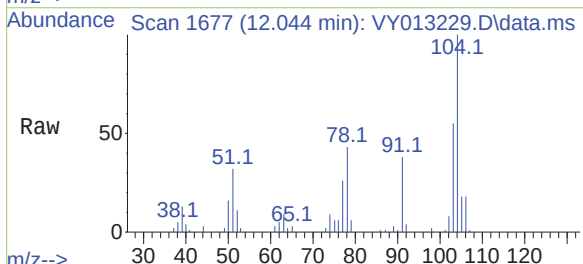
Tgt Ion:104 Resp: 11630

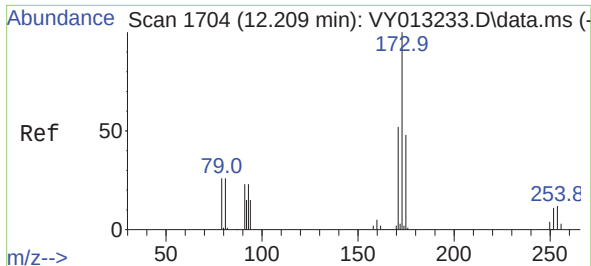
Ion Ratio Lower Upper

104 100

78 52.4 39.2 58.8

103 55.3 43.7 65.5

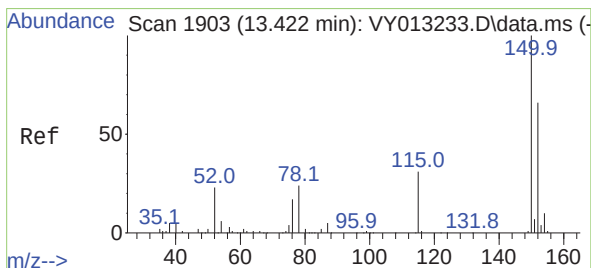
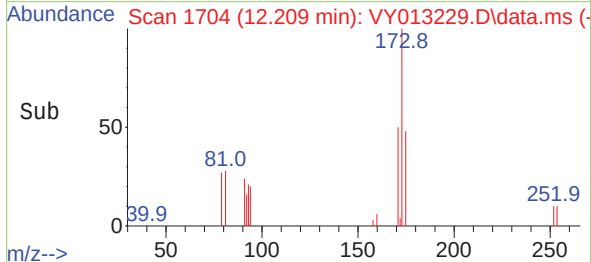
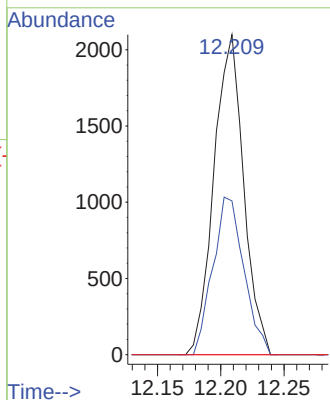
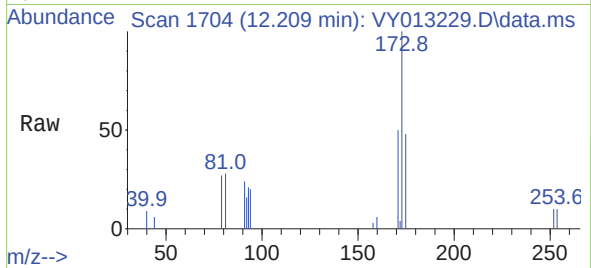




#71
Bromoform
Concen: 4.809 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

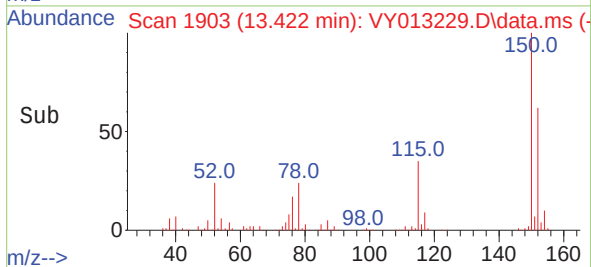
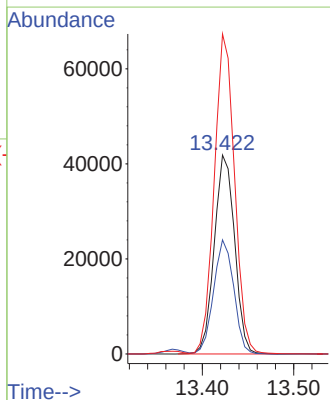
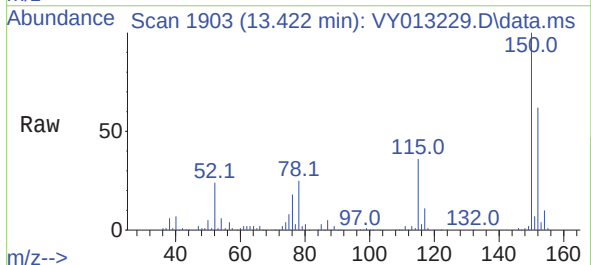
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

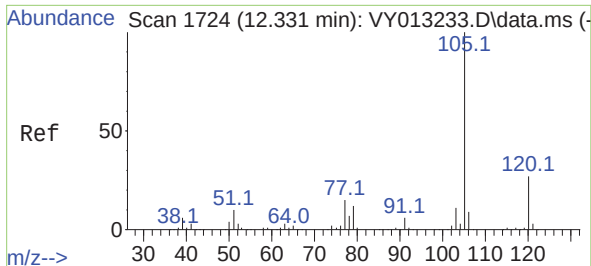
Tgt Ion:173 Resp: 3420
Ion Ratio Lower Upper
173 100
175 51.6 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion:152 Resp: 64812
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 160.2 0.0 347.8

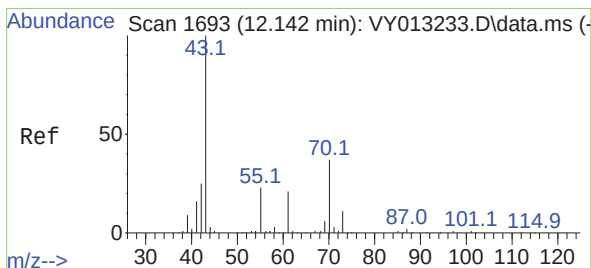
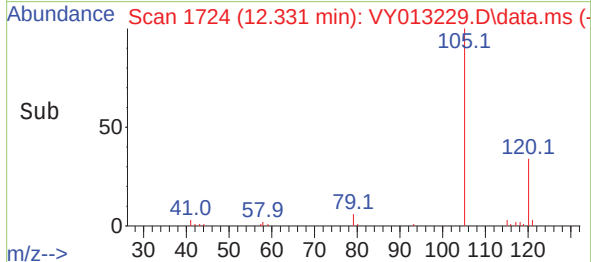
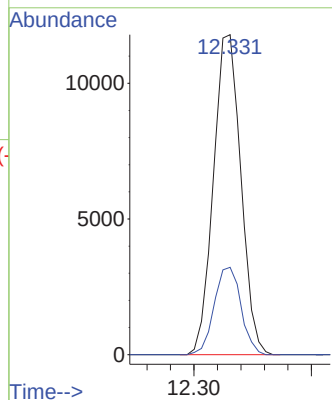
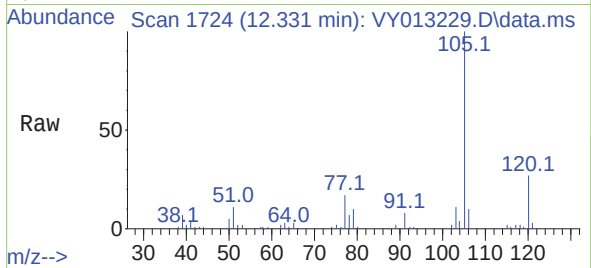




#73
Isopropylbenzene
Concen: 4.698 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

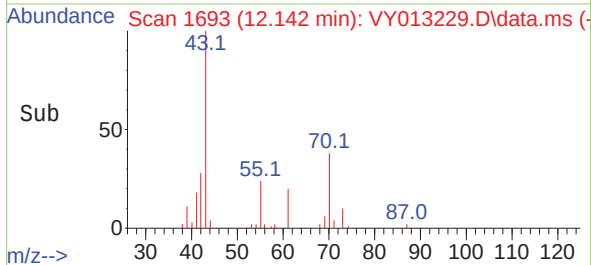
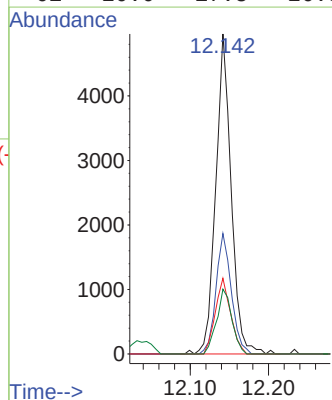
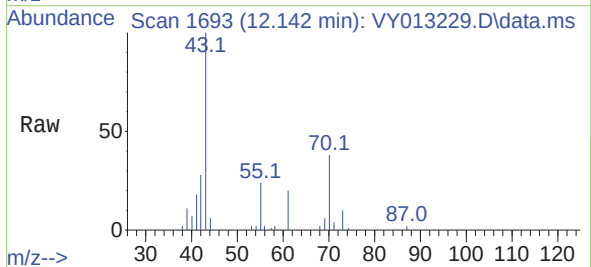
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

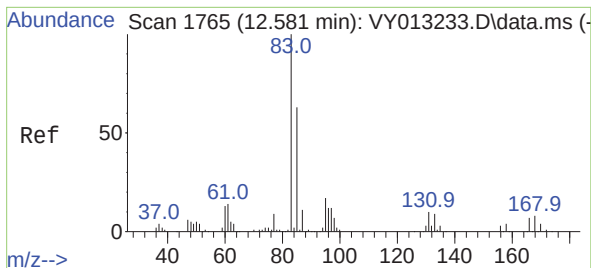
Tgt Ion:105 Resp: 19112
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 4.374 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 43 Resp: 6807
Ion Ratio Lower Upper
43 100
70 37.4 31.6 47.4
55 23.5 18.8 28.2
61 20.0 17.8 26.8

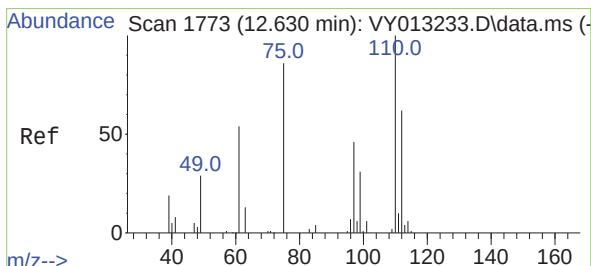
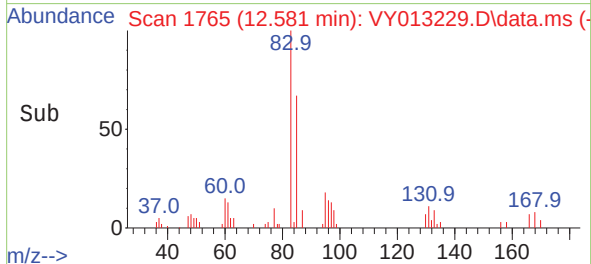
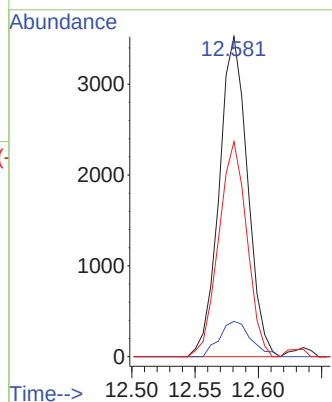
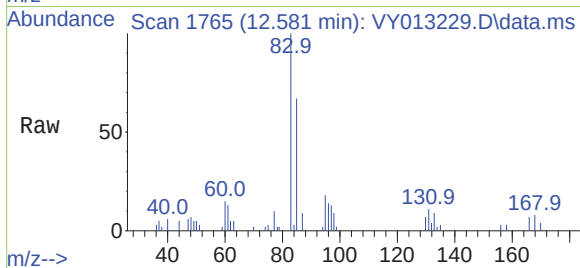




#75
1,1,2,2-Tetrachloroethane
Concen: 5.054 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

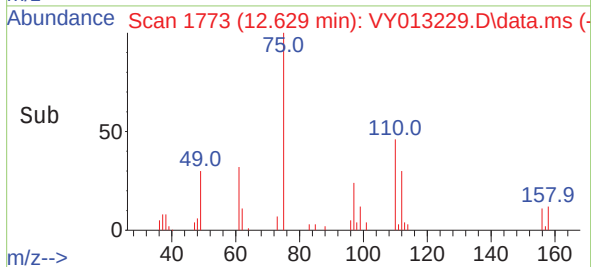
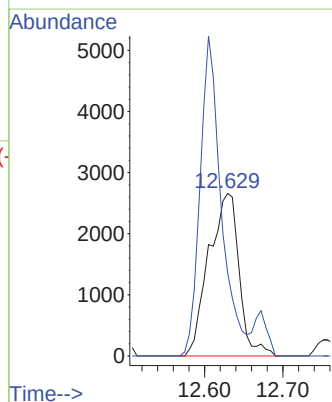
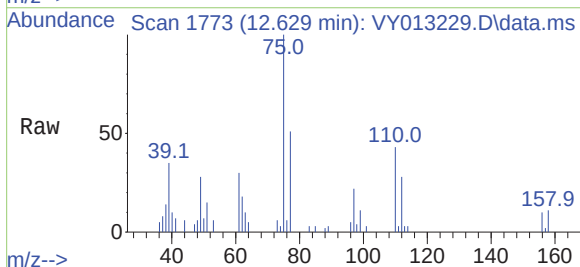
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

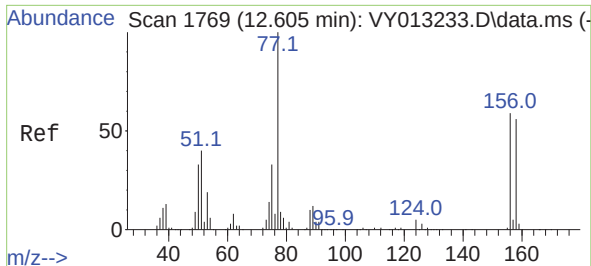
Tgt Ion: 83 Resp: 5496
Ion Ratio Lower Upper
83 100
131 12.2 5.1 15.2
85 66.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 8.741 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 75 Resp: 7143
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

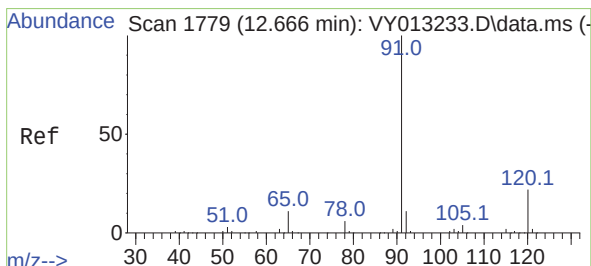
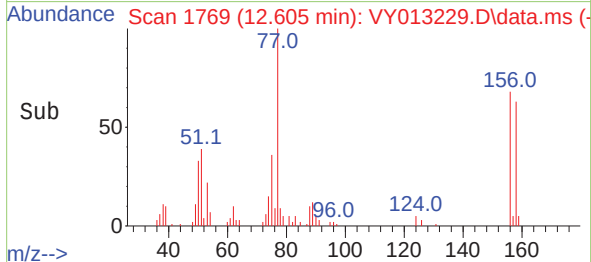
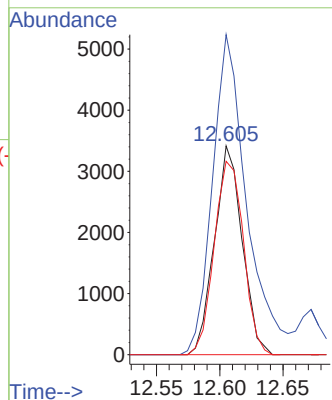
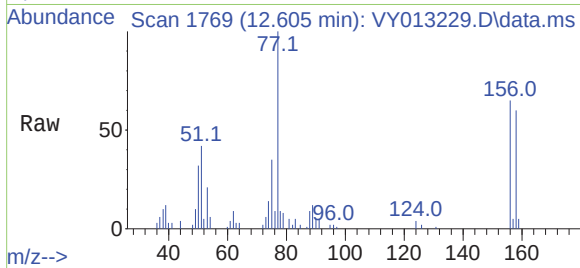




#77
Bromobenzene
Concen: 5.036 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

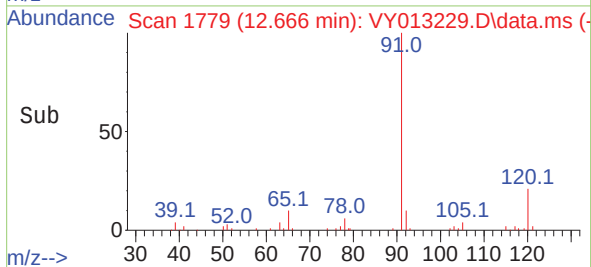
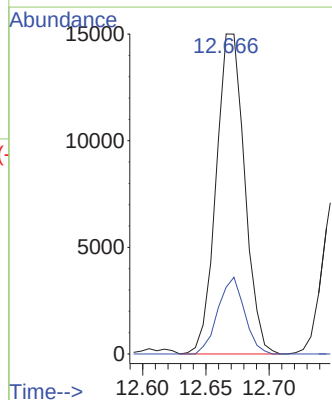
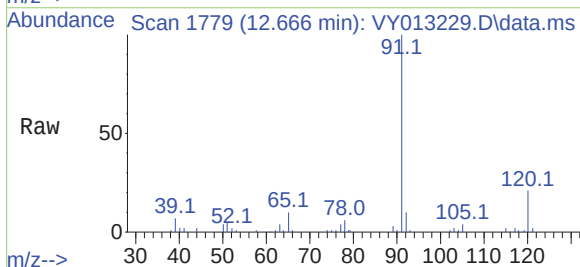
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

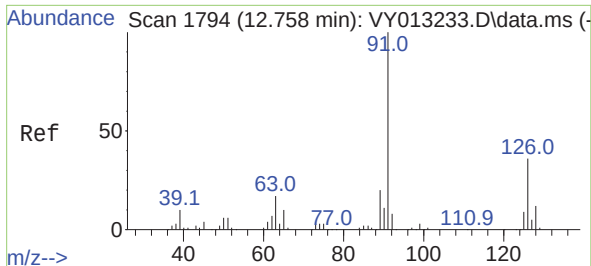
Tgt Ion:156 Resp: 5213
Ion Ratio Lower Upper
156 100
77 187.8 94.0 282.1
158 97.5 48.1 144.4



#78
n-propylbenzene
Concen: 4.692 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 91 Resp: 23499
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 4.799 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

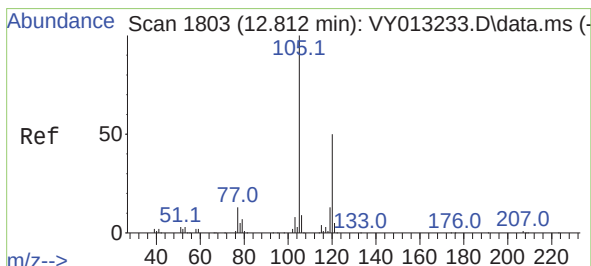
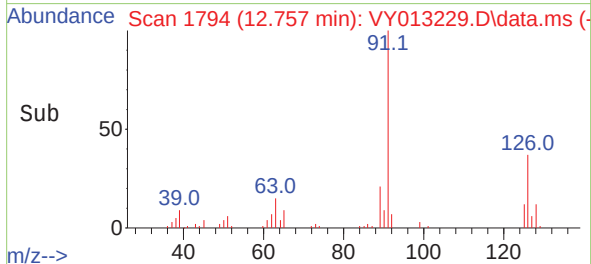
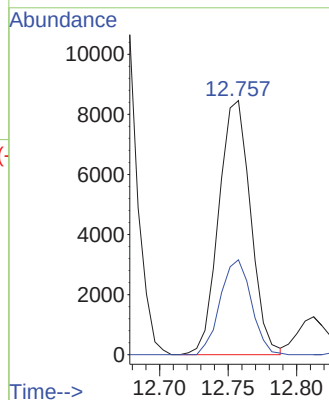
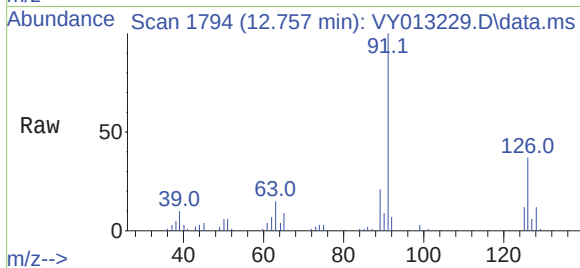
VSTDICC005

Tgt Ion: 91 Resp: 13684

Ion Ratio Lower Upper

91 100

126 36.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 4.646 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013229.D

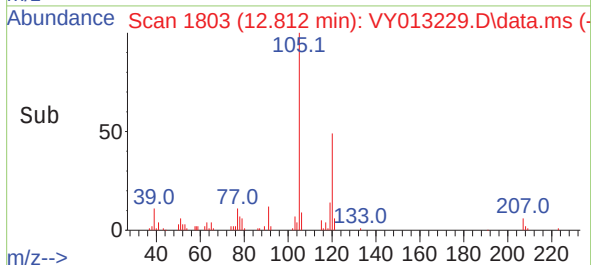
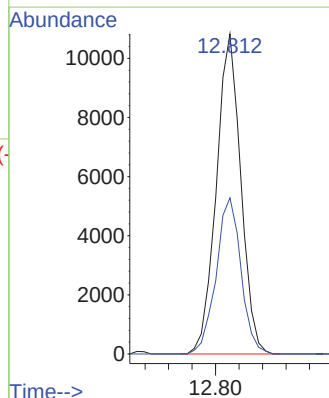
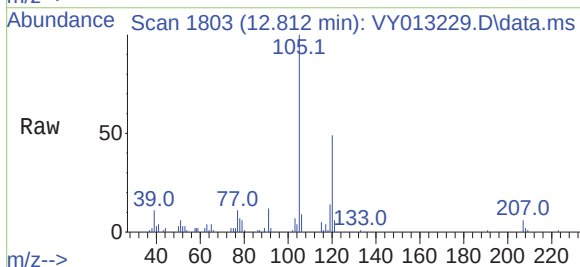
Acq: 10 Apr 2023 16:15

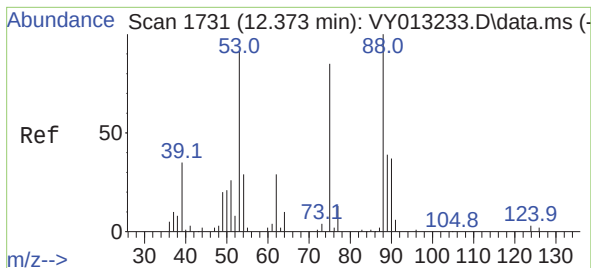
Tgt Ion:105 Resp: 15634

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4

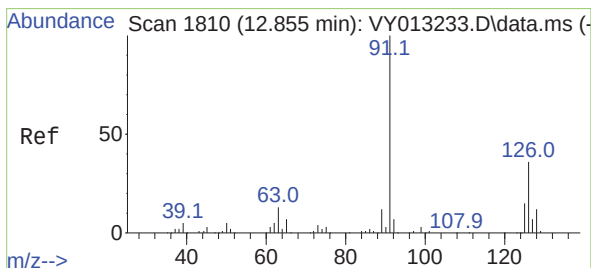
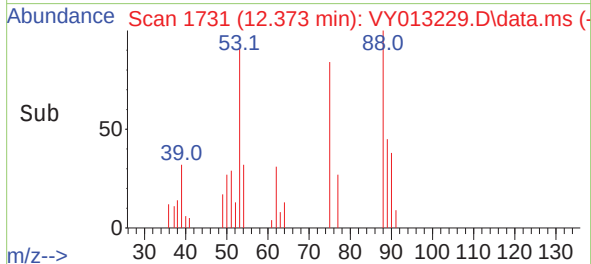
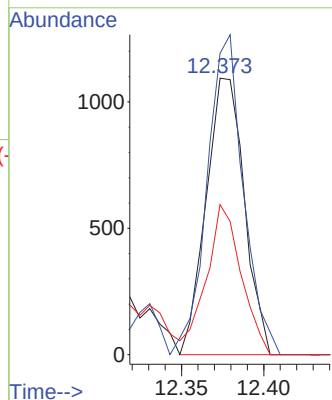
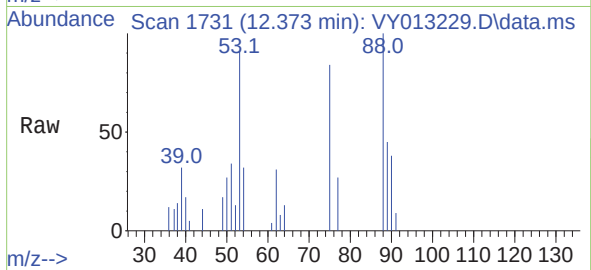




#81
trans-1,4-Dichloro-2-butene
Concen: 4.624 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

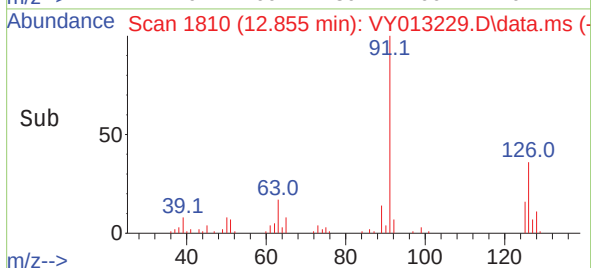
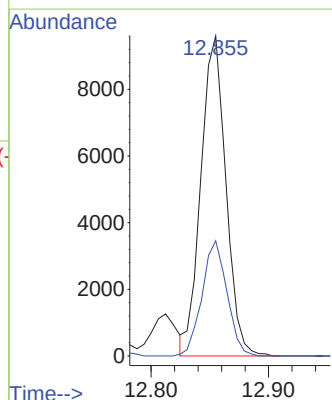
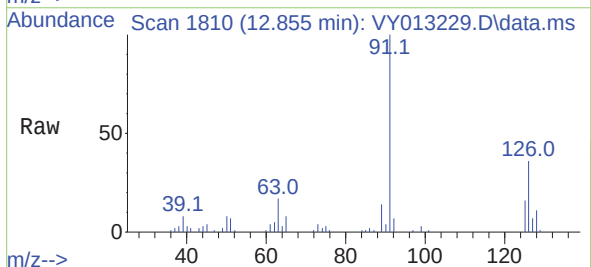
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

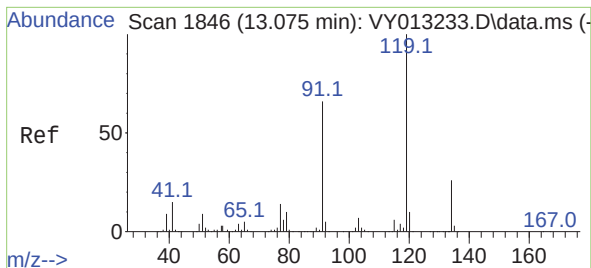
Tgt Ion:	75	Resp:	1769
Ion	Ratio	Lower	Upper
75	100		
53	109.7	73.4	110.0
89	49.3	36.6	55.0



#82
4-Chlorotoluene
Concen: 4.769 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion:	91	Resp:	14200
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.7	53.1

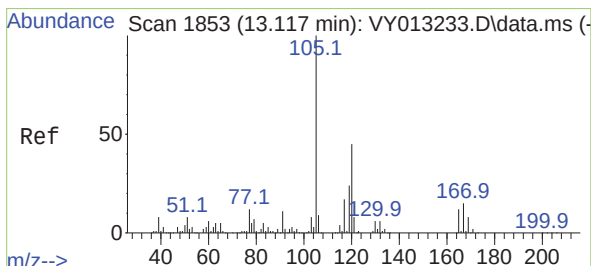
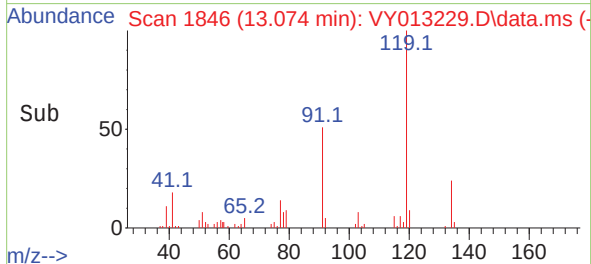
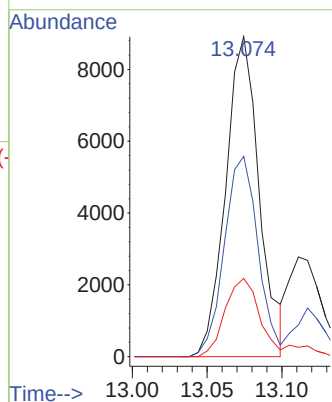
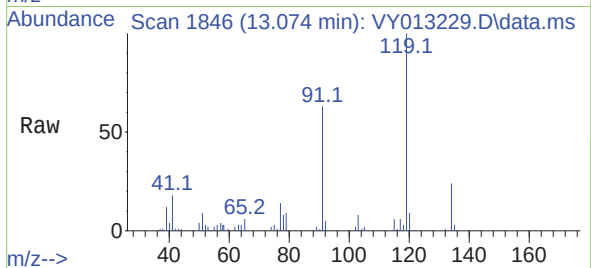




#83
tert-Butylbenzene
Concen: 4.638 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

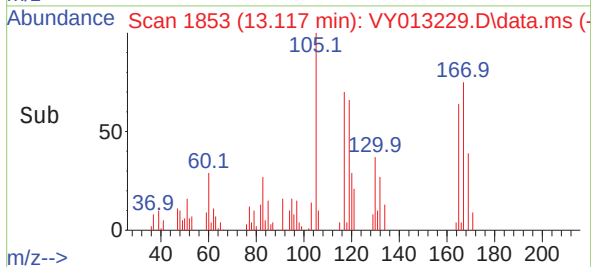
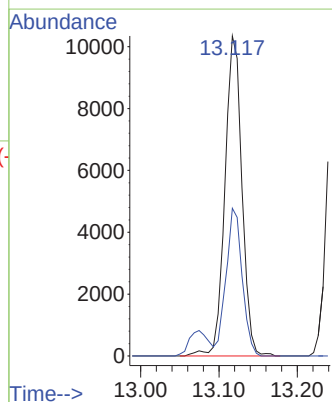
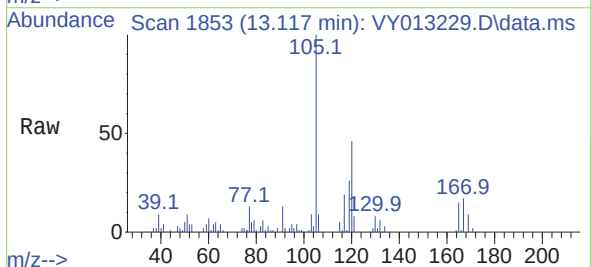
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

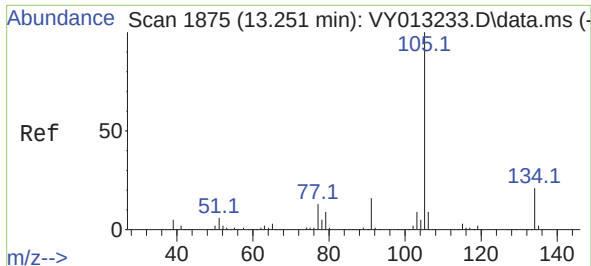
Tgt Ion:119 Resp: 13951
Ion Ratio Lower Upper
119 100
91 62.7 32.8 98.3
134 27.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 4.675 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion:105 Resp: 15641
Ion Ratio Lower Upper
105 100
120 44.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 4.713 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

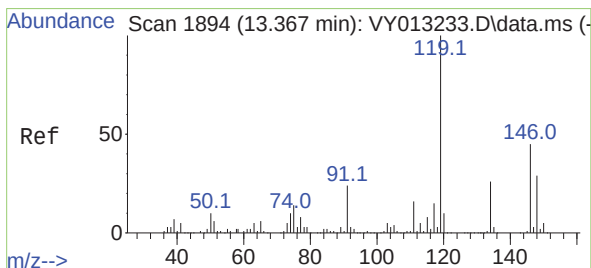
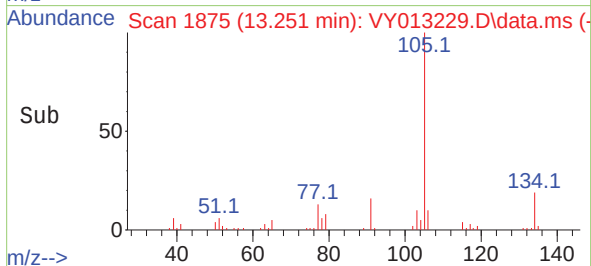
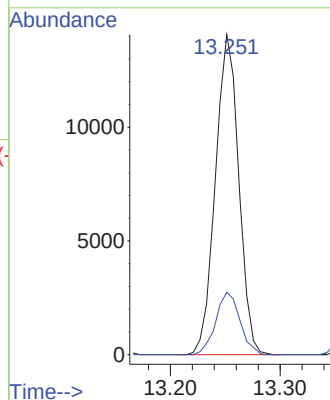
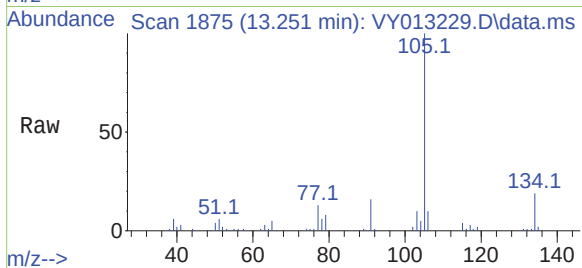
VSTDIC005

Tgt Ion:105 Resp: 20835

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 4.679 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

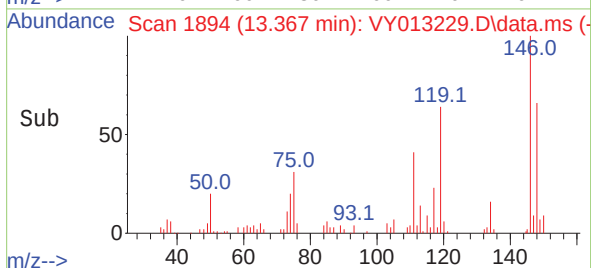
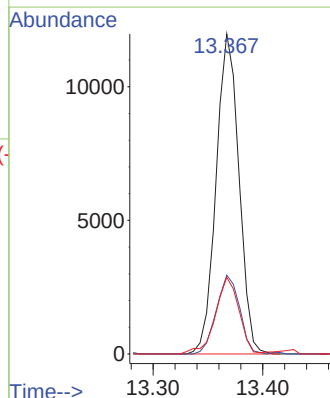
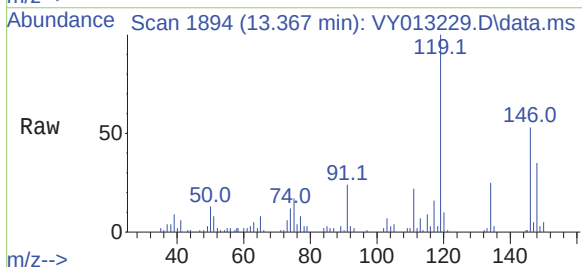
Tgt Ion:119 Resp: 17338

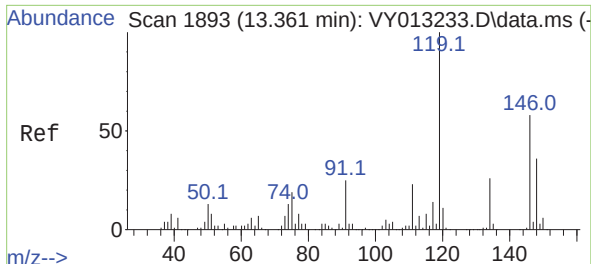
Ion Ratio Lower Upper

119 100

134 25.1 13.2 39.6

91 24.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 5.173 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

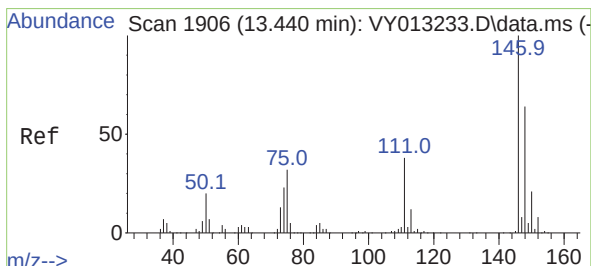
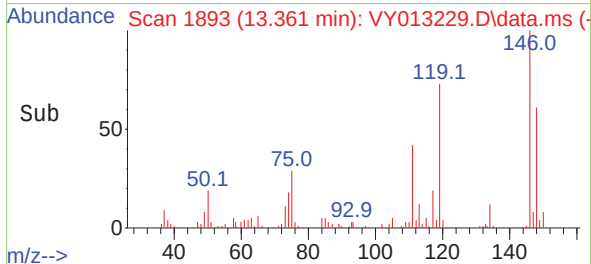
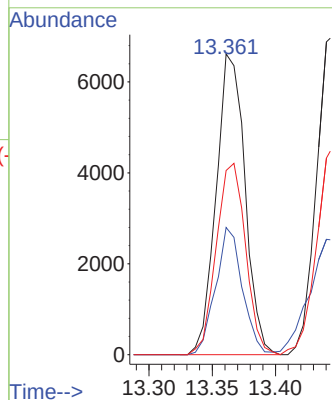
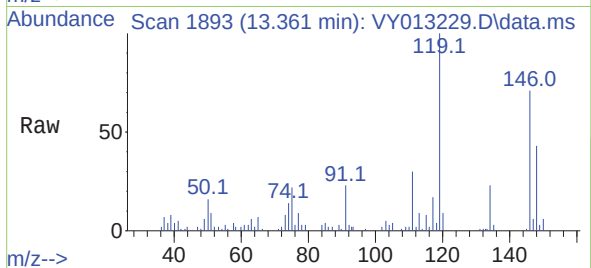
Tgt Ion:146 Resp: 10485

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.5

148 64.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.347 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

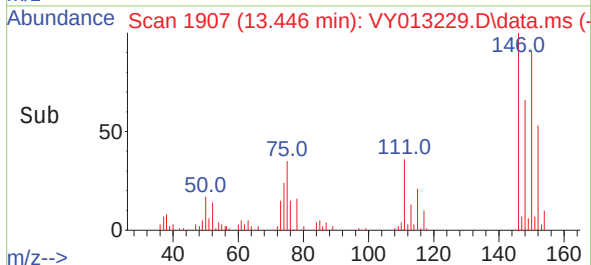
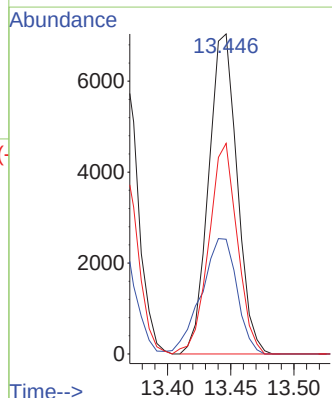
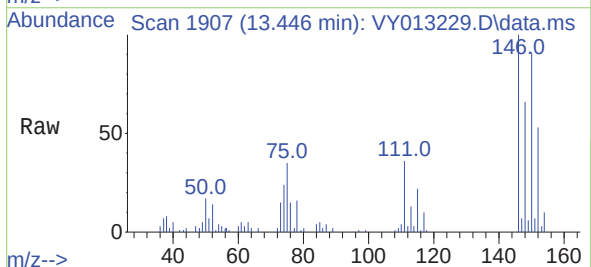
Tgt Ion:146 Resp: 11053

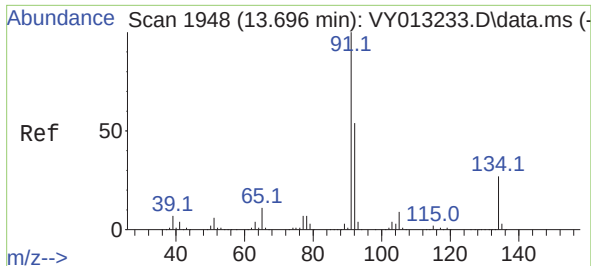
Ion Ratio Lower Upper

146 100

111 45.0 18.6 55.8

148 65.6 31.5 94.5

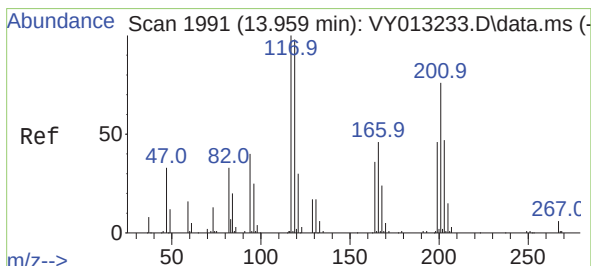
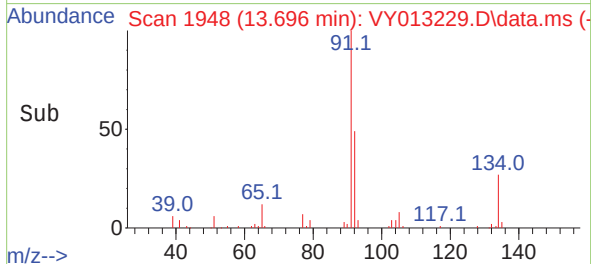
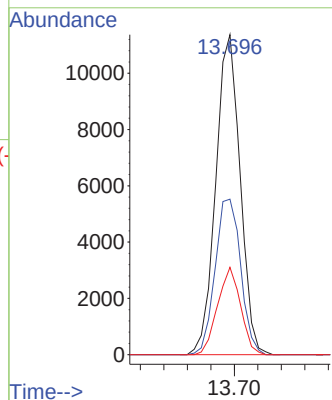
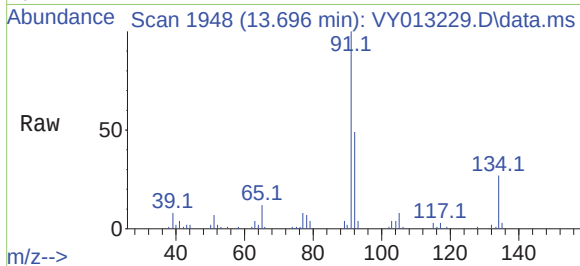




#89
n-Butylbenzene
Concen: 4.713 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

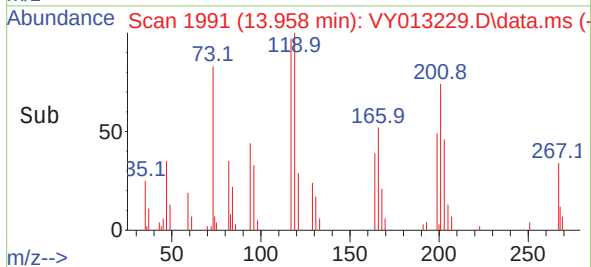
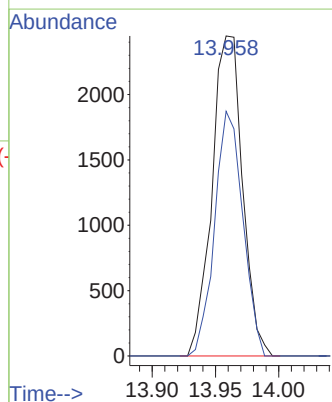
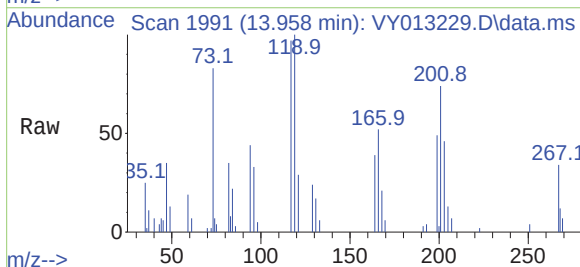
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

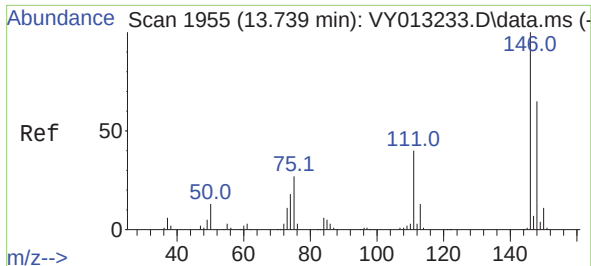
Tgt Ion: 91 Resp: 16370
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 5.245 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion: 117 Resp: 4121
Ion Ratio Lower Upper
117 100
201 70.5 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 5.179 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

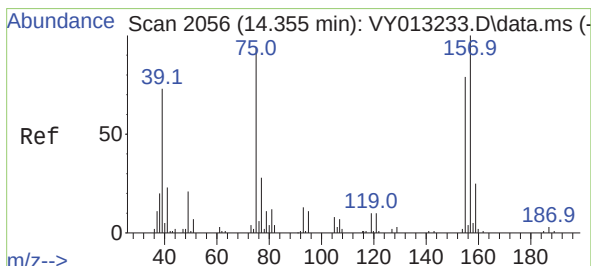
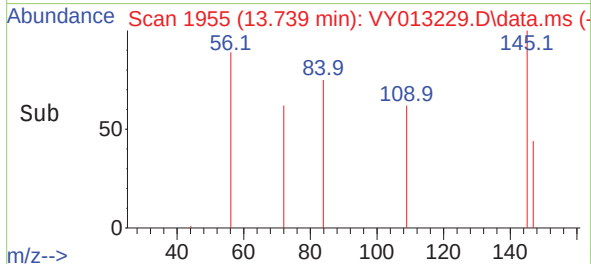
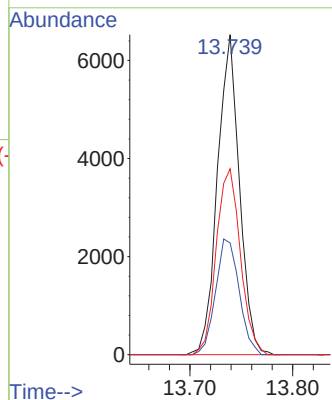
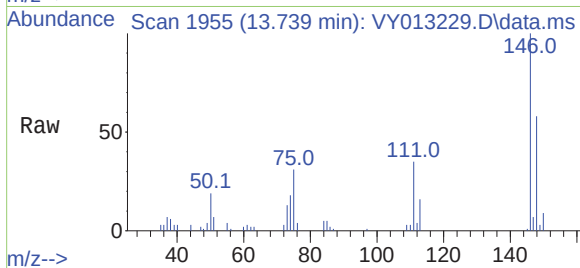
Tgt Ion:146 Resp: 9673

Ion Ratio Lower Upper

146 100

111 38.7 19.7 59.1

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.443 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

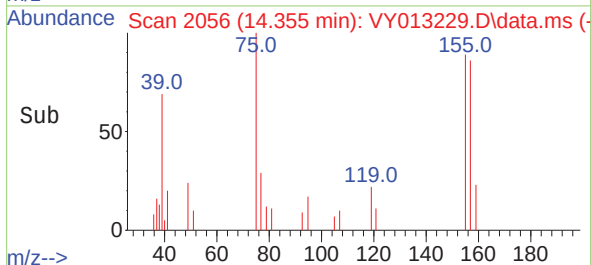
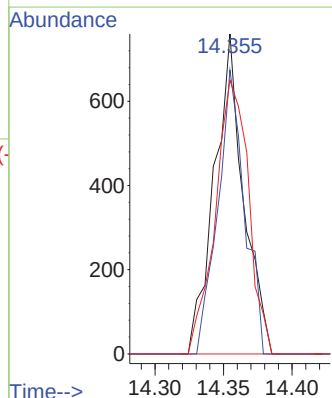
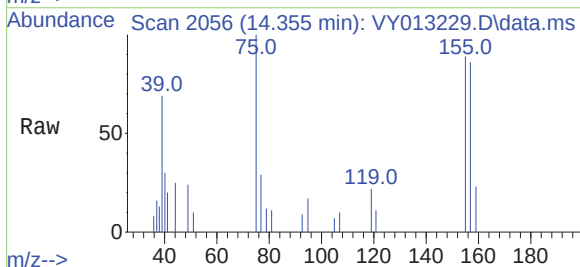
Tgt Ion: 75 Resp: 1128

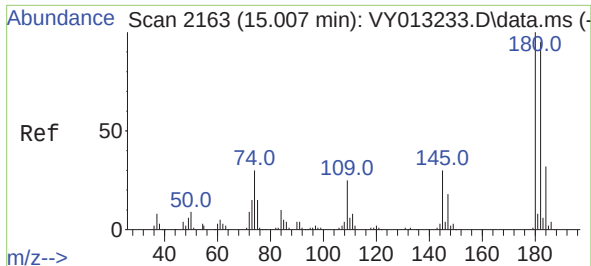
Ion Ratio Lower Upper

75 100

155 81.2 43.8 131.4

157 97.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 4.888 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

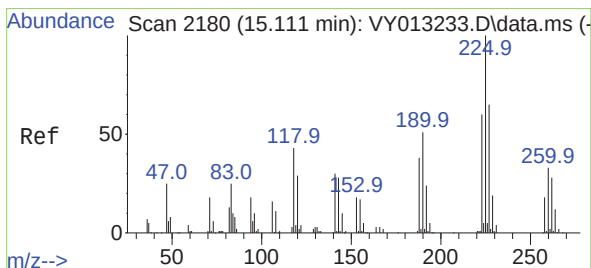
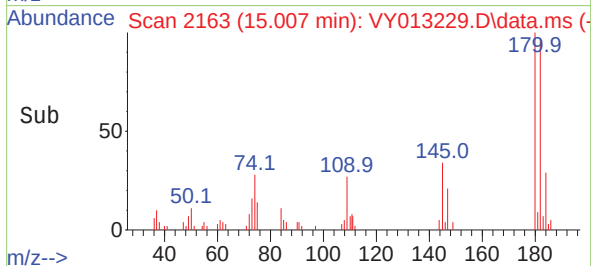
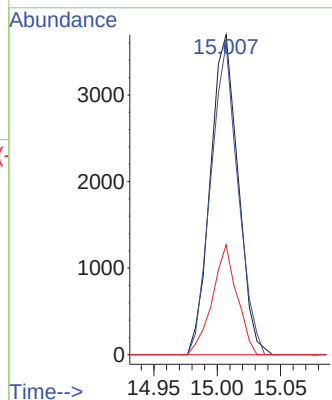
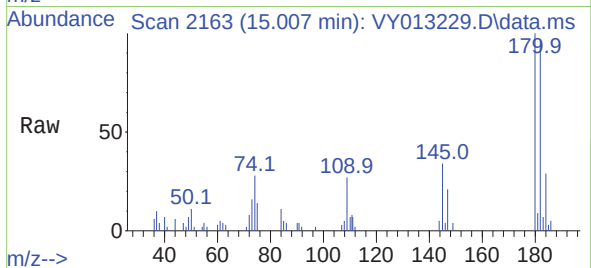
Tgt Ion:180 Resp: 5633

Ion Ratio Lower Upper

180 100

182 95.7 46.7 140.1

145 30.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 5.646 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013229.D

Acq: 10 Apr 2023 16:15

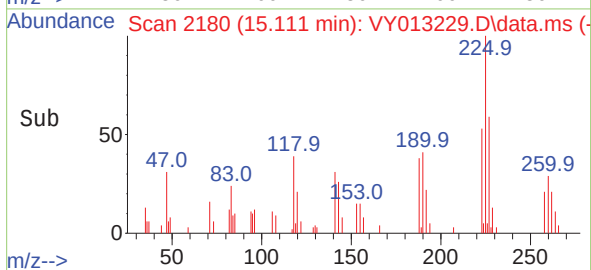
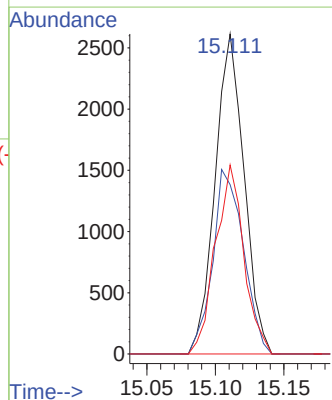
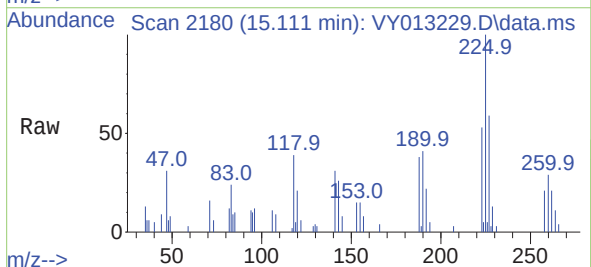
Tgt Ion:225 Resp: 3842

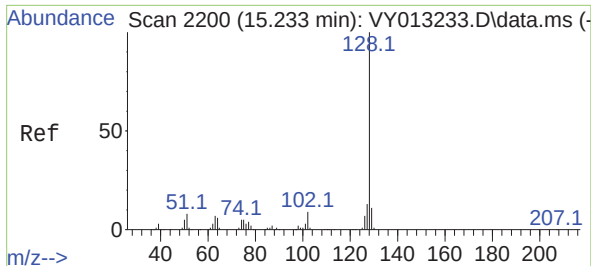
Ion Ratio Lower Upper

225 100

223 61.2 31.1 93.3

227 58.0 32.4 97.0

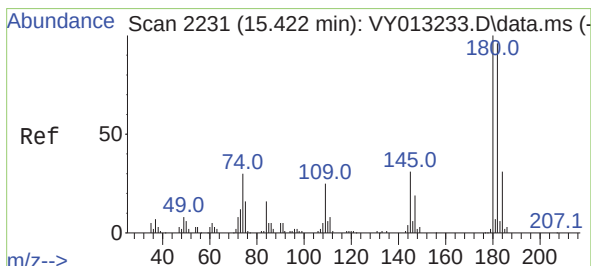
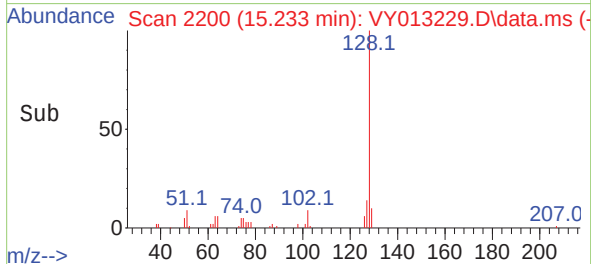
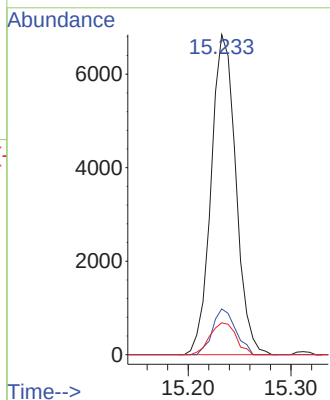
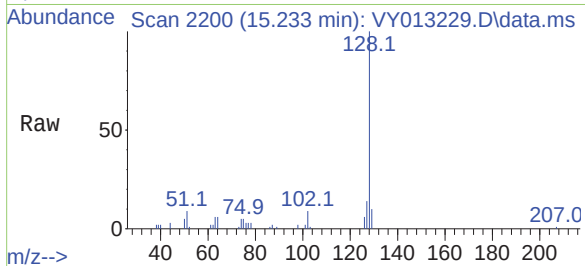




#95
Naphthalene
Concen: 4.403 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:	128	Resp:	11429
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.4	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.069 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013229.D
Acq: 10 Apr 2023 16:15

Tgt Ion:	180	Resp:	5452
Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.4	142.3
145	29.9	15.3	45.8

