

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013236.D
 Acq On : 10 Apr 2023 19:18
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041123

Quant Time: Apr 11 12:01:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	91754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	132848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	50541	48.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.960%
35) Dibromofluoromethane	7.710	113	42418	49.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.179	98	155464	51.535	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.080%
62) 4-Bromofluorobenzene	12.477	95	55262	51.300	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.600%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	28267	44.100	ug/l 95
3) Chloromethane	2.107	50	36081	52.040	ug/l 98
4) Vinyl Chloride	2.253	62	36984	47.056	ug/l 98
5) Bromomethane	2.650	94	28779	55.062	ug/l 90
6) Chloroethane	2.790	64	27961	48.649	ug/l 100
7) Trichlorofluoromethane	3.125	101	60501	47.544	ug/l 97
8) Diethyl Ether	3.528	74	23425	48.503	ug/l 100
9) 1,1,2-Trichlorotrifluo...	3.900	101	36360	46.857	ug/l 97
10) Methyl Iodide	4.089	142	41920	44.823	ug/l 94
11) Tert butyl alcohol	4.960	59	31127	174.165	ug/l 98
12) 1,1-Dichloroethene	3.869	96	31568	46.697	ug/l 97
13) Acrolein	3.729	56	20860	205.776	ug/l 98
14) Allyl chloride	4.479	41	67621	47.076	ug/l 92
15) Acrylonitrile	5.162	53	78568	236.639	ug/l 98
16) Acetone	3.948	43	96537	229.912	ug/l 94
17) Carbon Disulfide	4.192	76	71160	48.578	ug/l 99
18) Methyl Acetate	4.473	43	58136	46.633	ug/l 100
19) Methyl tert-butyl Ether	5.216	73	129676	50.364	ug/l 98
20) Methylene Chloride	4.710	84	56365	58.477	ug/l 95
21) trans-1,2-Dichloroethene	5.216	96	38124	48.075	ug/l 95
22) Diisopropyl ether	6.113	45	166997	52.497	ug/l 95
23) Vinyl Acetate	6.058	43	519581	260.181	ug/l 97
24) 1,1-Dichloroethane	6.015	63	78918	48.061	ug/l 99
25) 2-Butanone	6.984	43	128188	47.243	ug/l 97
26) 2,2-Dichloropropane	6.978	77	73419	47.354	ug/l 97
27) cis-1,2-Dichloroethene	6.984	96	47896	50.059	ug/l 96
28) Bromochloromethane	7.332	49	40443	52.169	ug/l 92
29) Tetrahydrofuran	7.344	42	76721	242.435	ug/l 97
30) Chloroform	7.503	83	84479	49.304	ug/l 99
31) Cyclohexane	7.783	56	57493	43.828	ug/l 98
32) 1,1,1-Trichloroethane	7.698	97	73413	48.900	ug/l 98
36) 1,1-Dichloropropene	7.911	75	56690	47.840	ug/l 99
37) Ethyl Acetate	7.070	43	51452	46.907	ug/l 99
38) Carbon Tetrachloride	7.899	117	65813	47.700	ug/l 96
39) Methylcyclohexane	9.179	83	61047	49.023	ug/l 96
40) Benzene	8.155	78	170086	48.724	ug/l 98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	71559	129.796	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	63398	49.437	ug/l	97
43) Isopropyl Acetate	8.271	43	93933	49.022	ug/l	96
44) Trichloroethene	8.935	130	43614	47.870	ug/l	90
45) 1,2-Dichloropropane	9.216	63	46702	49.128	ug/l	97
46) Dibromomethane	9.307	93	27992	48.378	ug/l	99
47) Bromodichloromethane	9.496	83	69288	49.593	ug/l	98
48) Methyl methacrylate	9.289	41	41966	49.876	ug/l	91
49) 1,4-Dioxane	9.301	88	8323	1011.254	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	272387	250.679	ug/l	97
52) Toluene	10.240	92	110663	50.557	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	73907	50.484	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	76667	48.833	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	40699	49.735	ug/l	98
56) Ethyl methacrylate	10.508	69	59647	52.168	ug/l	91
57) 1,3-Dichloropropane	10.789	76	69377	50.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	131019	252.648	ug/l	100
59) 2-Hexanone	10.831	43	204442	255.129	ug/l	96
60) Dibromochloromethane	10.984	129	51497	50.572	ug/l	100
61) 1,2-Dibromoethane	11.087	107	38591	49.403	ug/l	99
64) Tetrachloroethene	10.715	164	38807	47.313	ug/l	94
65) Chlorobenzene	11.514	112	124759	49.278	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	50589	50.241	ug/l	99
67) Ethyl Benzene	11.593	91	223063	50.759	ug/l	99
68) m/p-Xylenes	11.703	106	170664	102.063	ug/l	99
69) o-Xylene	12.026	106	81846	51.495	ug/l	99
70) Styrene	12.044	104	143684	53.011	ug/l	99
71) Bromoform	12.203	173	36394	50.366	ug/l #	98
73) Isopropylbenzene	12.331	105	221441	50.050	ug/l	100
74) N-amyl acetate	12.142	43	86809	51.294	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	56165	47.489	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	73203	85.326	ug/l #	100
77) Bromobenzene	12.605	156	55154	48.993	ug/l	99
78) n-propylbenzene	12.672	91	272882	50.105	ug/l	100
79) 2-Chlorotoluene	12.758	91	154579	49.846	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	185844	50.785	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	20235	48.640	ug/l	93
82) 4-Chlorotoluene	12.855	91	162623	50.219	ug/l	99
83) tert-Butylbenzene	13.075	119	168275	51.437	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	186008	51.124	ug/l	100
85) sec-Butylbenzene	13.252	105	244914	50.940	ug/l	100
86) p-Isopropyltoluene	13.367	119	206598	51.264	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	109027	49.458	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	109320	48.632	ug/l	98
89) n-Butylbenzene	13.697	91	191979	50.821	ug/l	100
90) Hexachloroethane	13.959	117	40431	47.320	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	99477	48.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9910	43.971	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	62585	49.939	ug/l	98
94) Hexachlorobutadiene	15.111	225	35132	47.475	ug/l	99
95) Naphthalene	15.233	128	141393	50.092	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	58369	49.896	ug/l	100

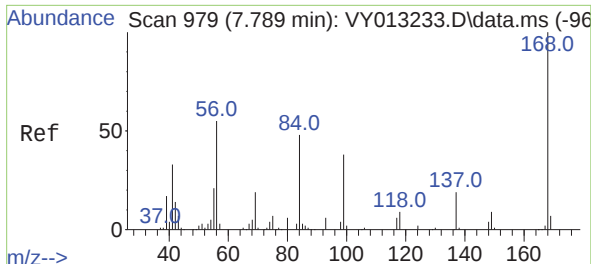
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
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Response via : Initial Calibration

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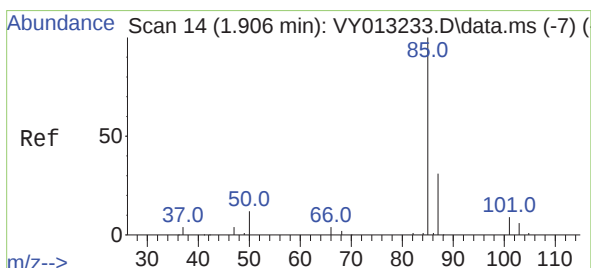
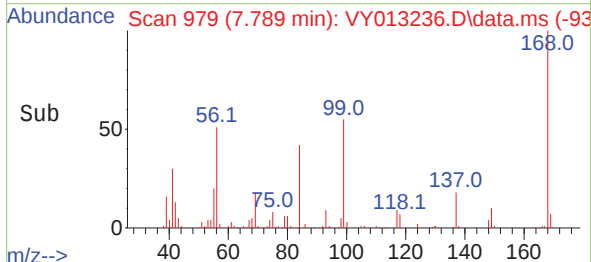
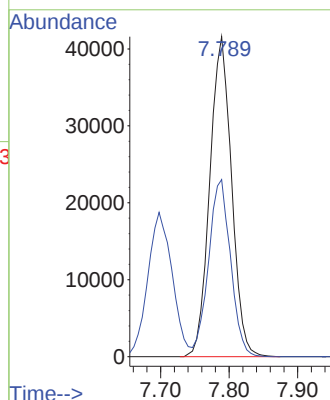
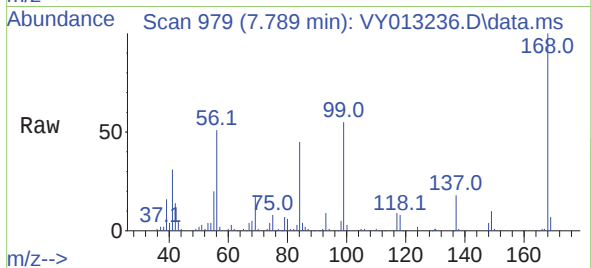
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

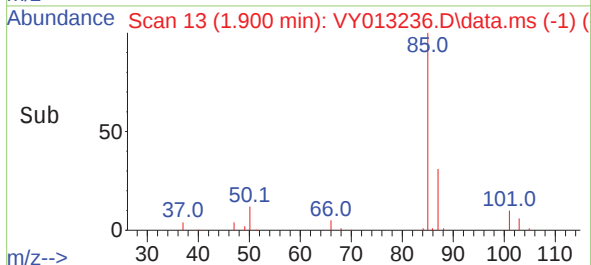
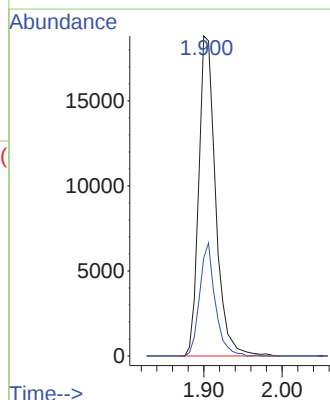
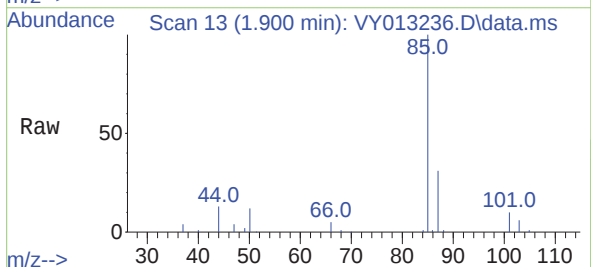
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

Tgt Ion:168 Resp: 91754
Ion Ratio Lower Upper
168 100
99 55.4 41.7 62.5

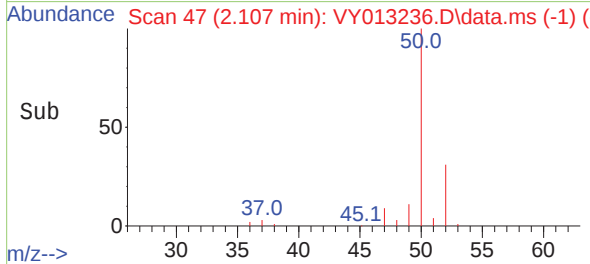
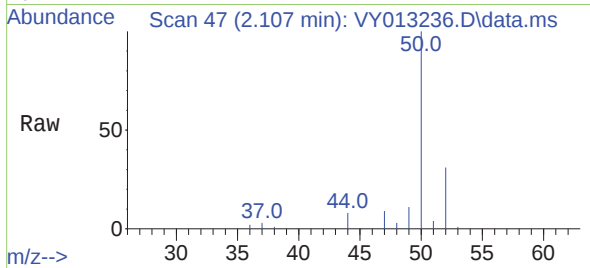
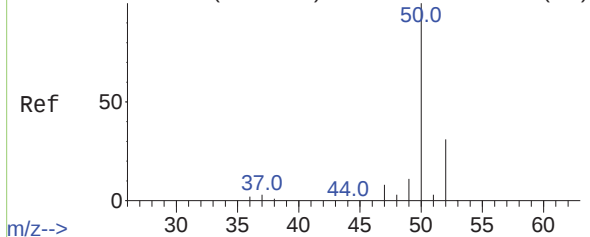


#2
Dichlorodifluoromethane
Concen: 44.100 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 85 Resp: 28267
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.0



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



#3

Chloromethane

Concen: 52.040 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

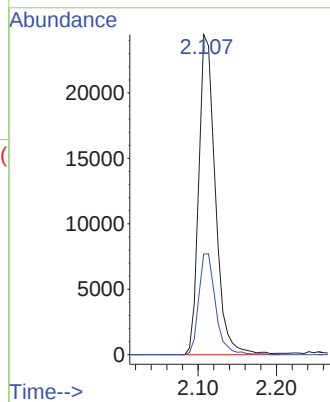
ICVVY041123

Tgt Ion: 50 Resp: 36081

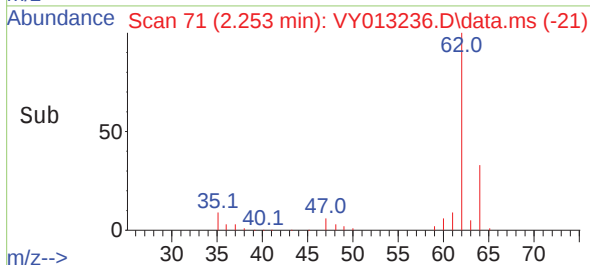
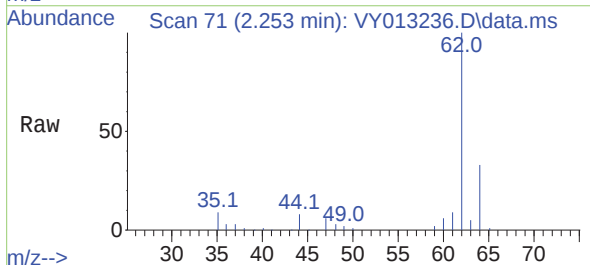
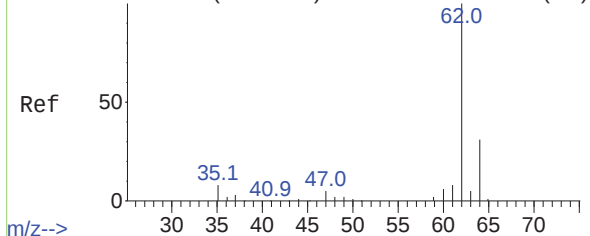
Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0



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



#4

Vinyl Chloride

Concen: 47.056 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY013236.D

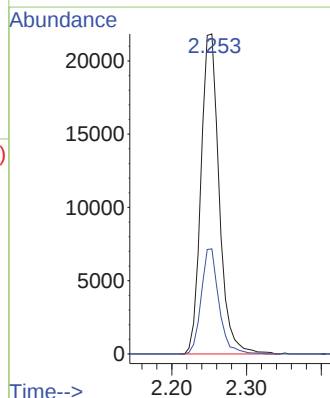
Acq: 10 Apr 2023 19:18

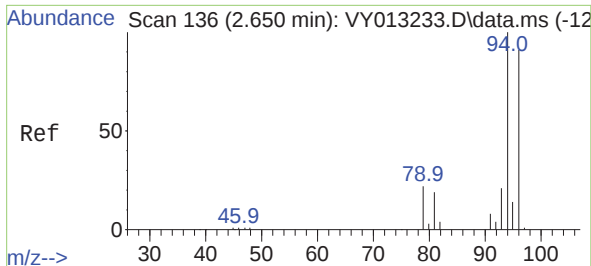
Tgt Ion: 62 Resp: 36984

Ion Ratio Lower Upper

62 100

64 32.9 25.6 38.4





#5

Bromomethane

Concen: 55.062 ug/l

RT: 2.650 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

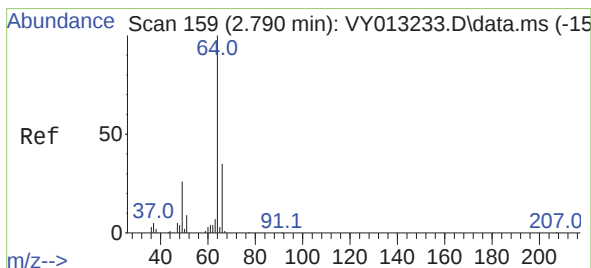
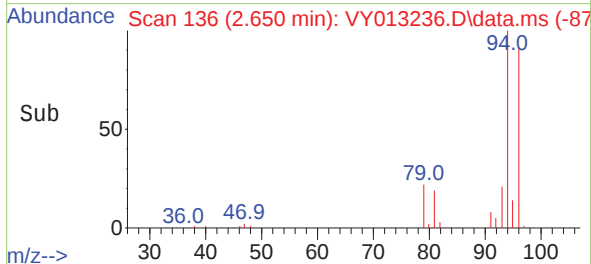
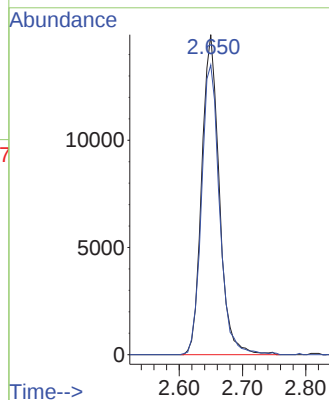
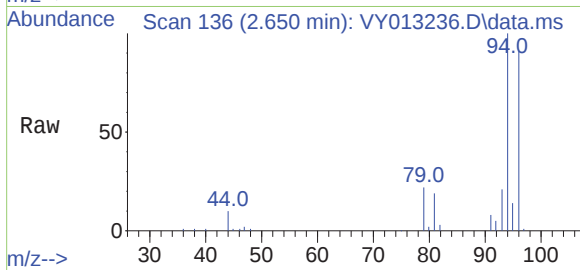
ICVVY041123

Tgt Ion: 94 Resp: 28779

Ion Ratio Lower Upper

94 100

96 90.6 80.3 120.5



#6

Chloroethane

Concen: 48.649 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.000 min

Lab File: VY013236.D

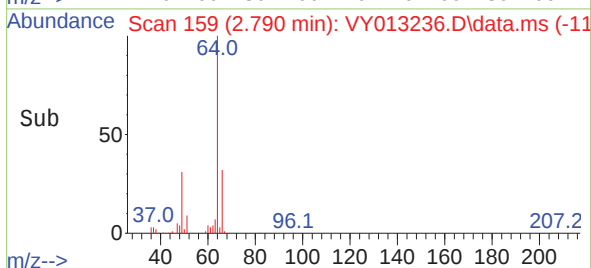
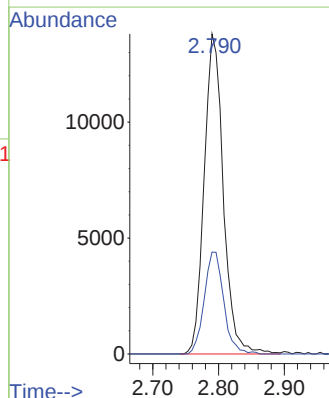
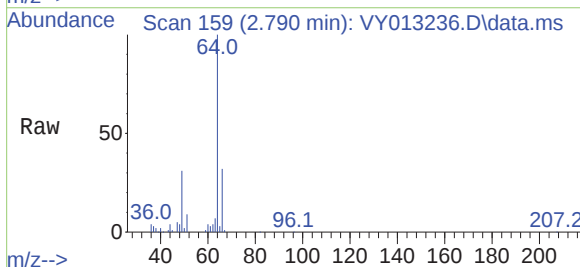
Acq: 10 Apr 2023 19:18

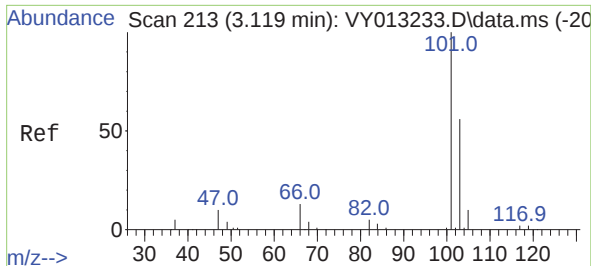
Tgt Ion: 64 Resp: 27961

Ion Ratio Lower Upper

64 100

66 31.8 25.7 38.5

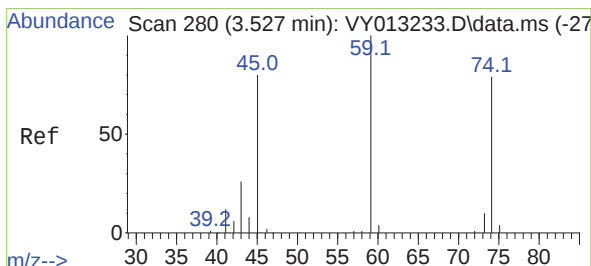
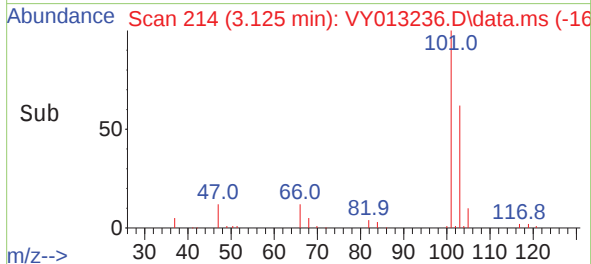
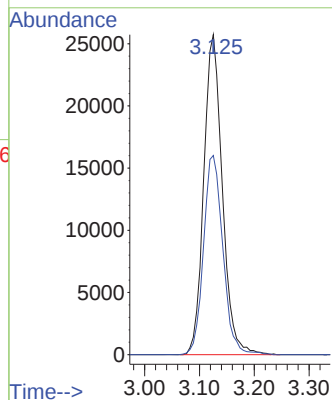
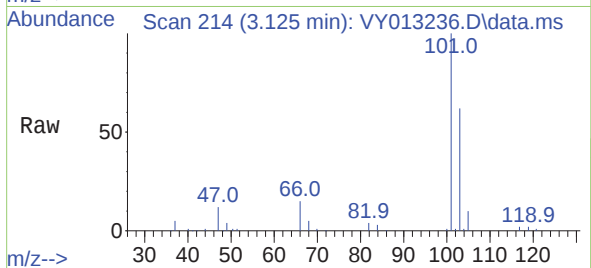




#7
Trichlorofluoromethane
Concen: 47.544 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

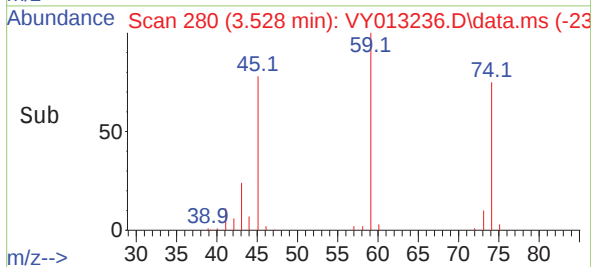
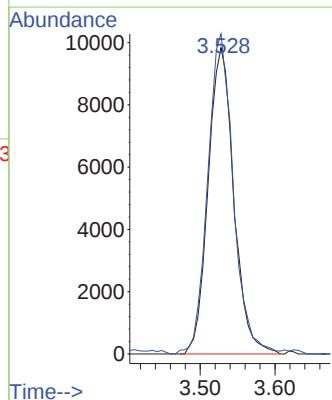
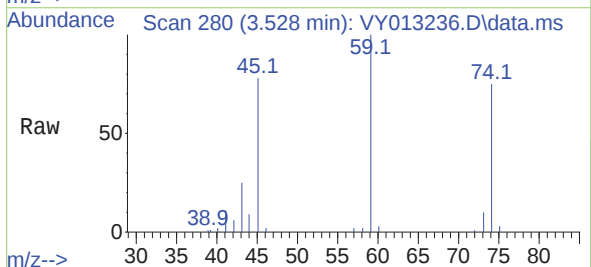
Instrument :
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ClientSampleId :
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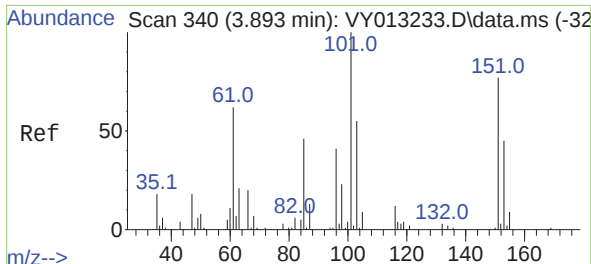
Tgt Ion:101 Resp: 60501
Ion Ratio Lower Upper
101 100
103 62.2 51.5 77.3



#8
Diethyl Ether
Concen: 48.503 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 74 Resp: 23425
Ion Ratio Lower Upper
74 100
45 104.8 52.1 156.4

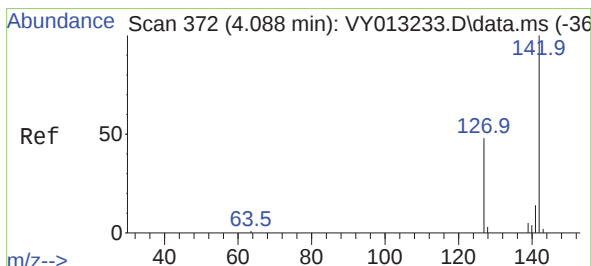
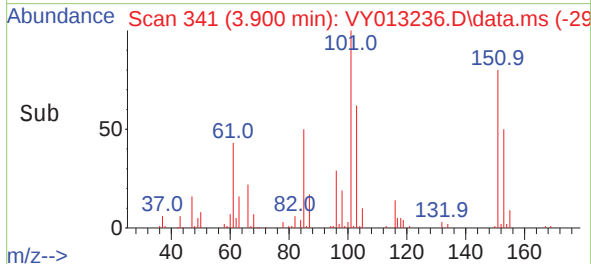
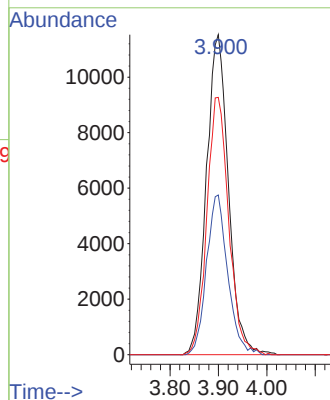
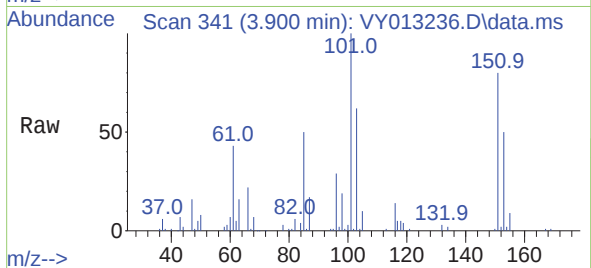




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.857 ug/l
RT: 3.900 min Scan# 340
Delta R.T. 0.007 min
Lab File: VY013236.D
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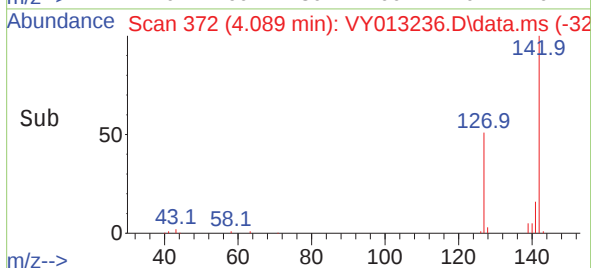
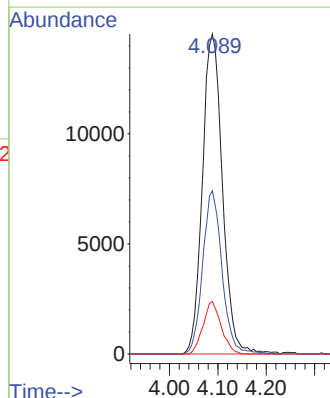
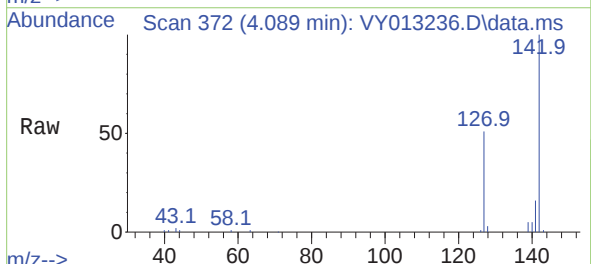
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

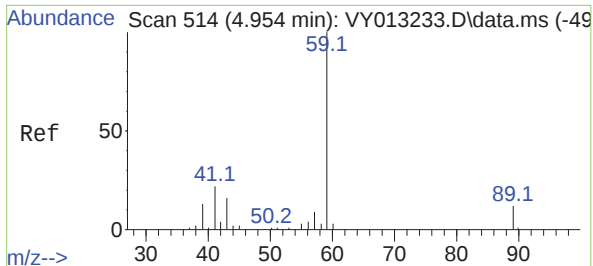
Tgt Ion:101 Resp: 36360
Ion Ratio Lower Upper
101 100
85 48.2 35.3 52.9
151 80.0 63.1 94.7



#10
Methyl Iodide
Concen: 44.823 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.001 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion:142 Resp: 41920
Ion Ratio Lower Upper
142 100
127 49.2 35.4 53.2
141 14.8 11.3 16.9

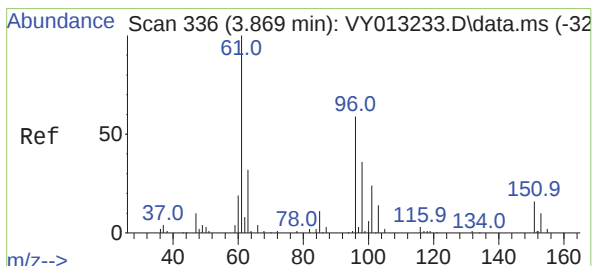
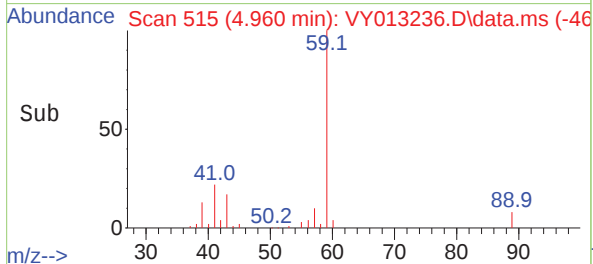
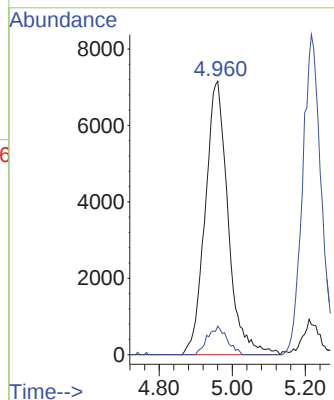
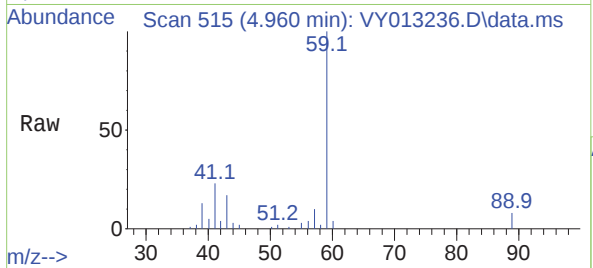




#11
Tert butyl alcohol
Concen: 174.165 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

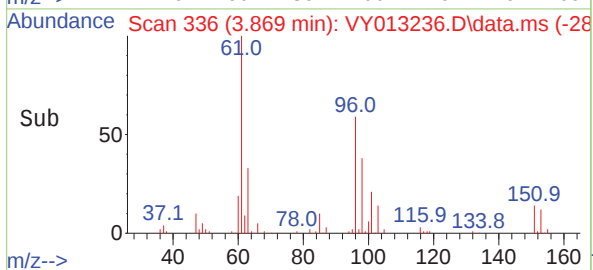
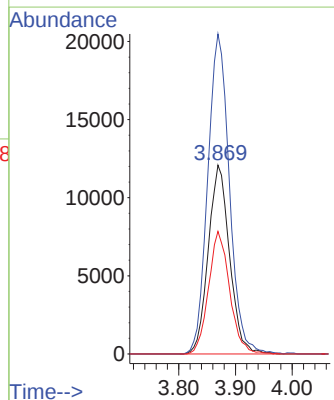
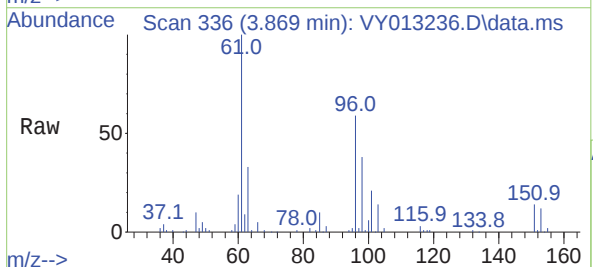
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

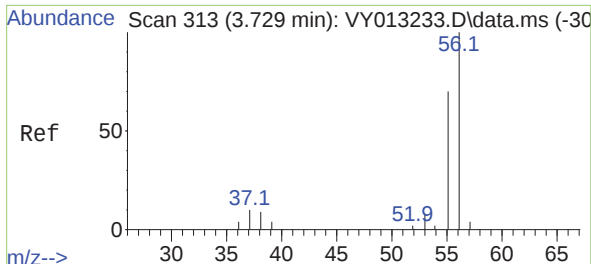
Tgt Ion: 59 Resp: 31127
Ion Ratio Lower Upper
59 100
57 8.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 46.697 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 96 Resp: 31568
Ion Ratio Lower Upper
96 100
61 169.6 131.7 197.5
98 65.0 52.0 78.0





#13

Acrolein

Concen: 205.776 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

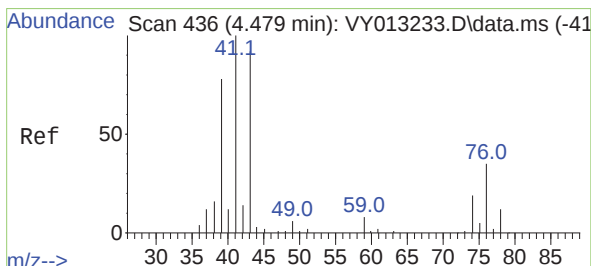
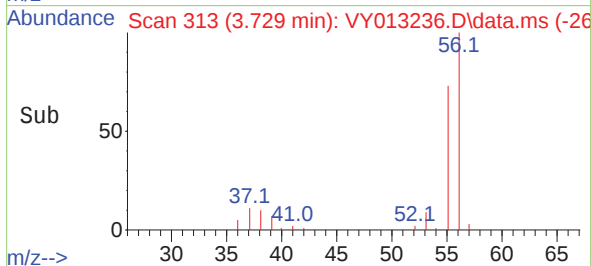
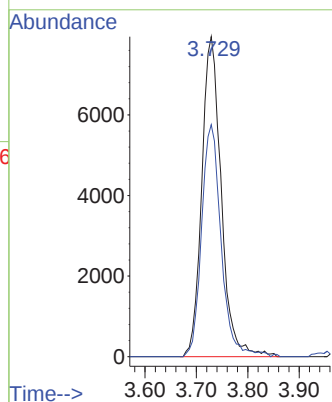
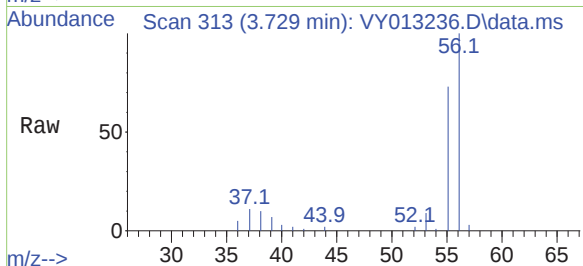
ICVVY041123

Tgt Ion: 56 Resp: 20860

Ion Ratio Lower Upper

56 100

55 72.8 56.8 85.2



#14

Allyl chloride

Concen: 47.076 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

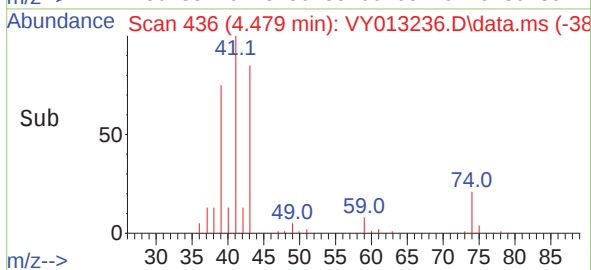
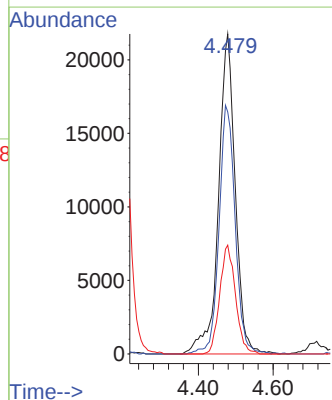
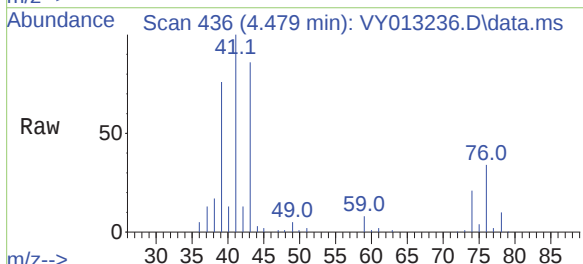
Tgt Ion: 41 Resp: 67621

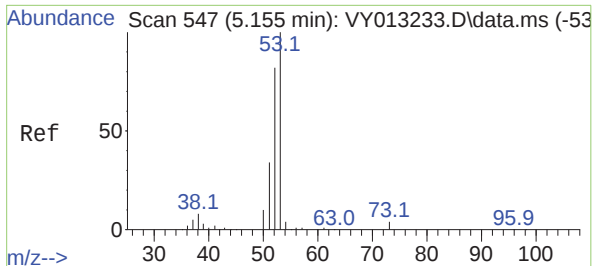
Ion Ratio Lower Upper

41 100

39 75.0 53.6 80.4

76 32.0 27.2 40.8





#15

Acrylonitrile

Concen: 236.639 ug/l

RT: 5.162 min Scan# 548

Delta R.T. 0.006 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041123

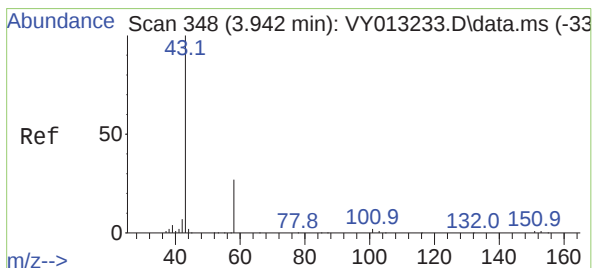
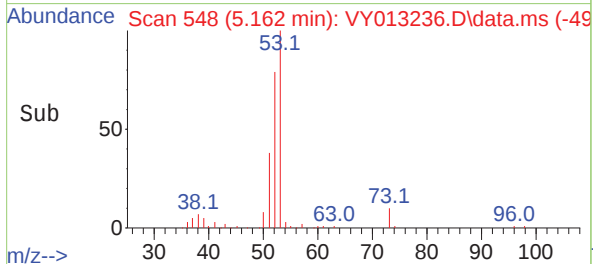
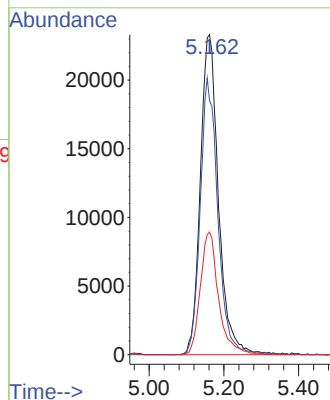
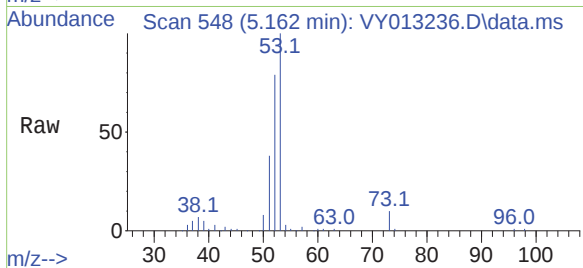
Tgt Ion: 53 Resp: 78568

Ion Ratio Lower Upper

53 100

52 83.5 66.3 99.5

51 38.3 28.8 43.2



#16

Acetone

Concen: 229.912 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY013236.D

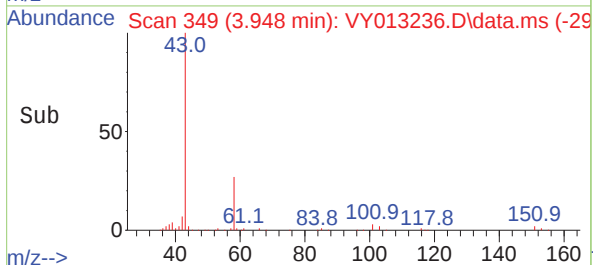
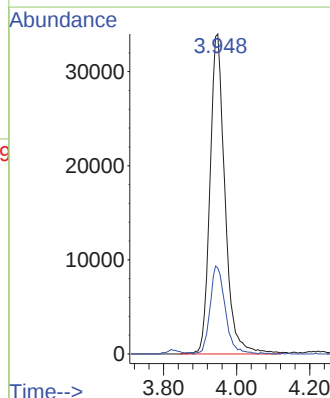
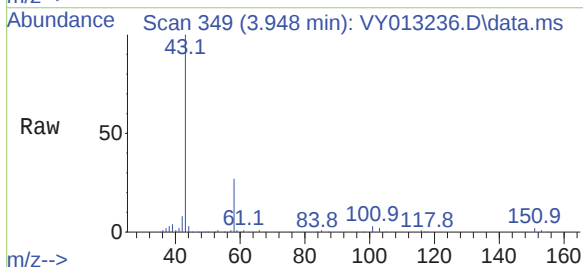
Acq: 10 Apr 2023 19:18

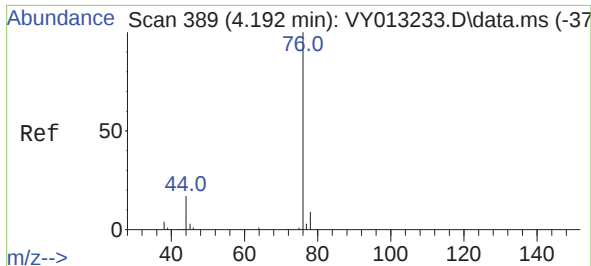
Tgt Ion: 43 Resp: 96537

Ion Ratio Lower Upper

43 100

58 26.8 24.2 36.2

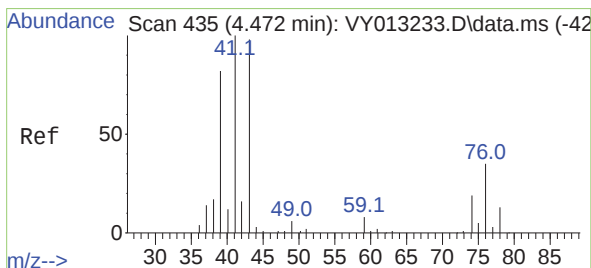
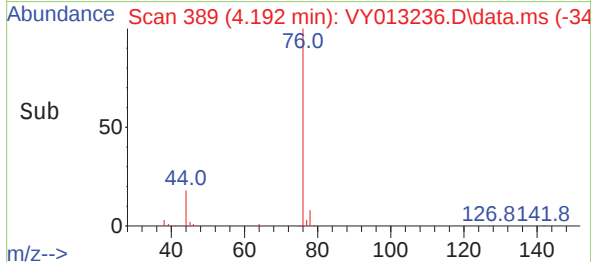
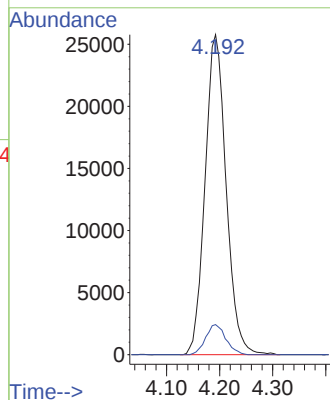
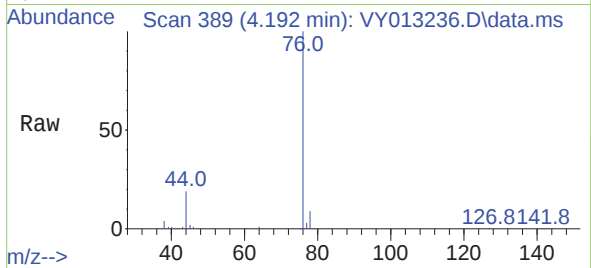




#17
Carbon Disulfide
Concen: 48.578 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

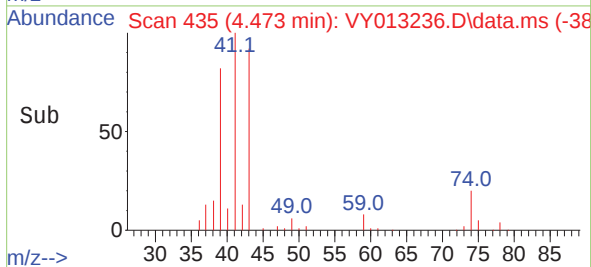
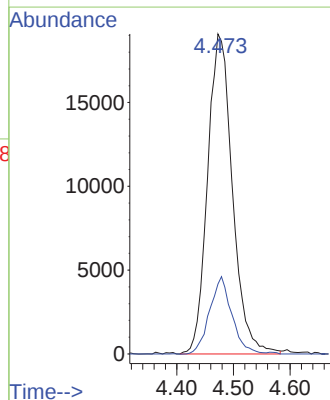
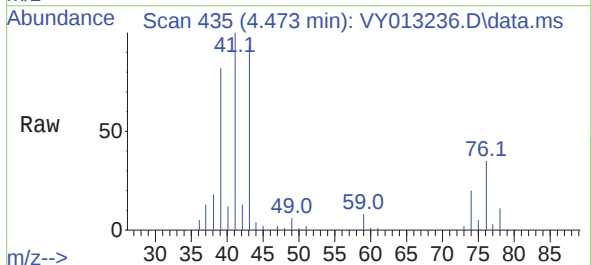
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

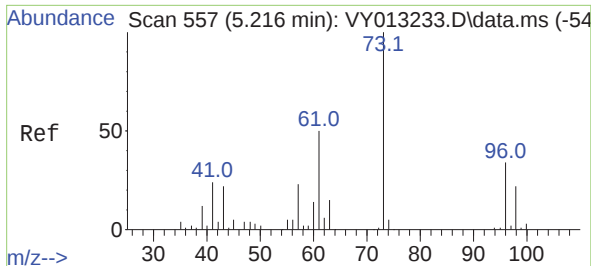
Tgt Ion: 76 Resp: 71160
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 46.633 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 43 Resp: 58136
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 50.364 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

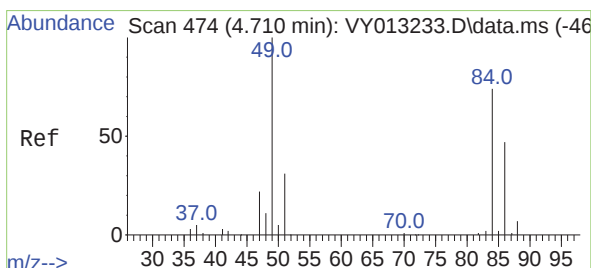
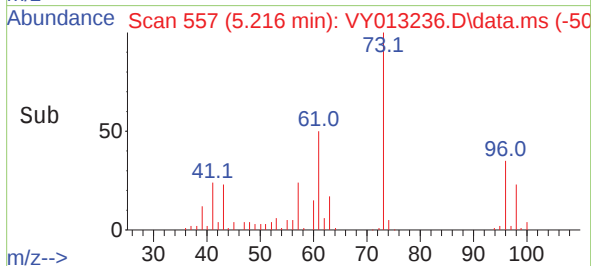
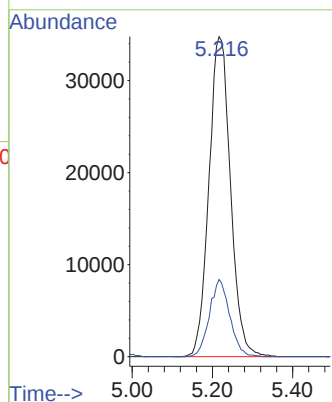
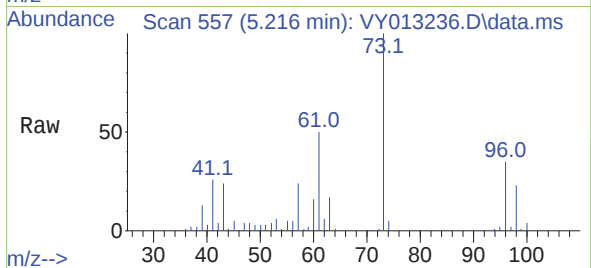
ICVVY041123

Tgt Ion: 73 Resp: 129676

Ion Ratio Lower Upper

73 100

57 24.1 18.3 27.5



#20

Methylene Chloride

Concen: 58.477 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Tgt Ion: 84 Resp: 56365

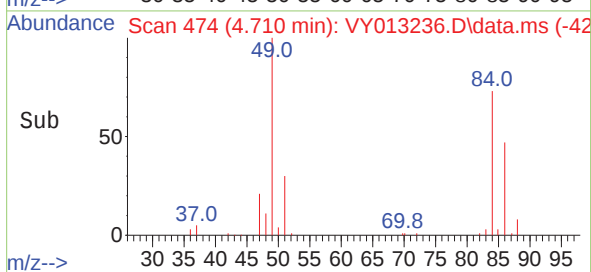
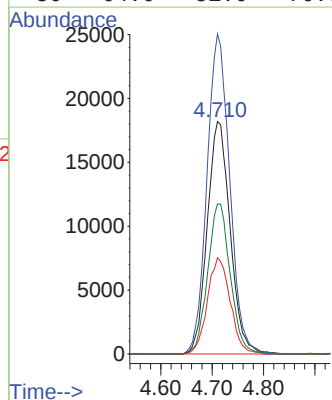
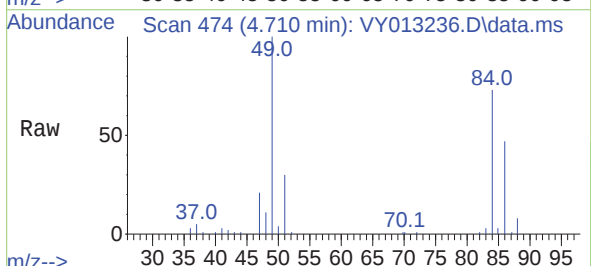
Ion Ratio Lower Upper

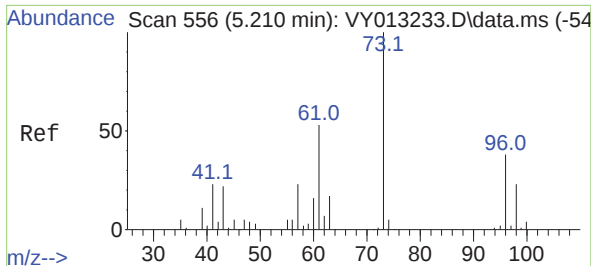
84 100

49 137.7 102.6 154.0

51 41.4 31.9 47.9

86 64.6 51.0 76.6

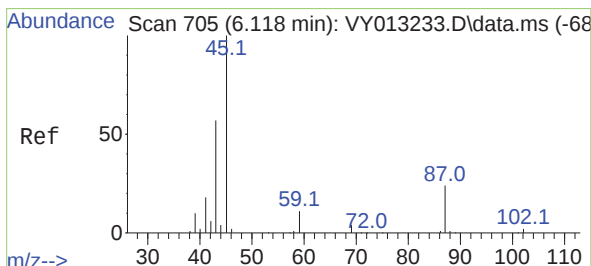
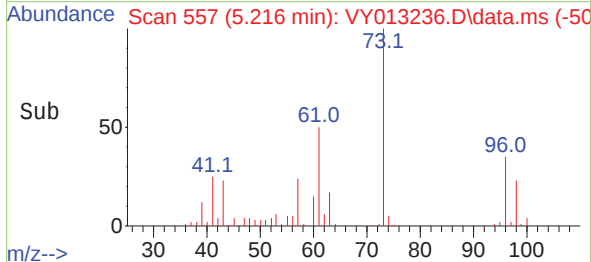
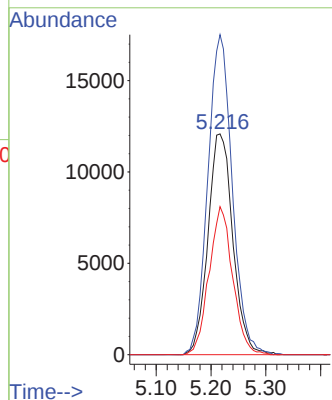
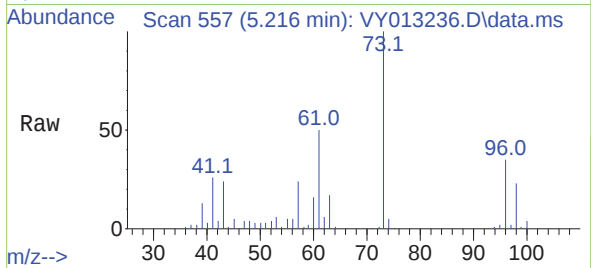




#21
trans-1,2-Dichloroethene
Concen: 48.075 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

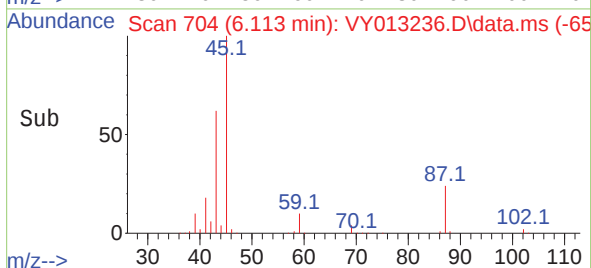
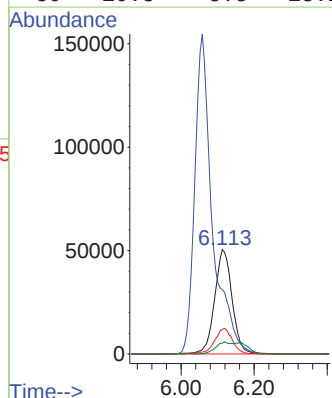
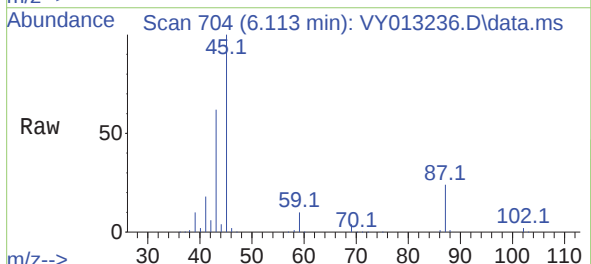
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

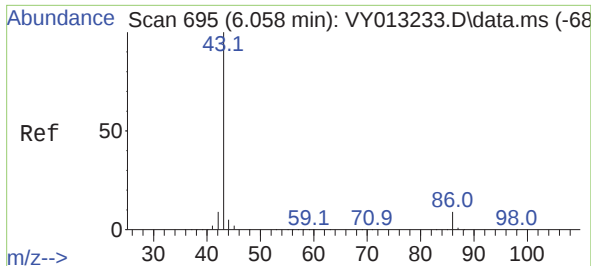
Tgt Ion: 96 Resp: 38124
Ion Ratio Lower Upper
96 100
61 144.9 111.4 167.0
98 67.0 50.8 76.2



#22
Diisopropyl ether
Concen: 52.497 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.005 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 45 Resp: 166997
Ion Ratio Lower Upper
45 100
43 61.3 45.0 67.6
87 23.7 20.3 30.5
59 10.3 8.8 13.2

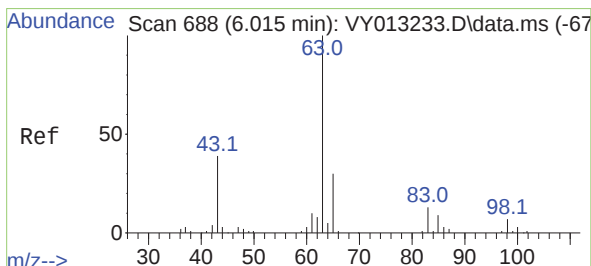
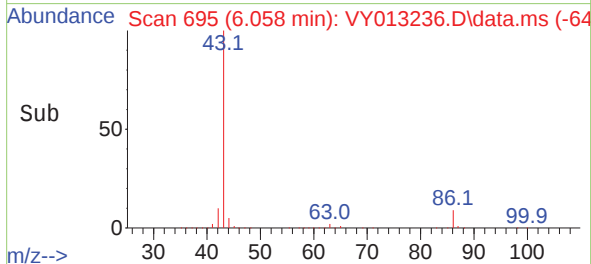
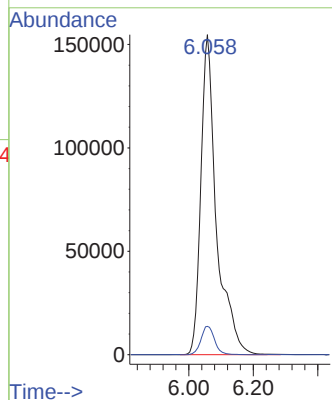
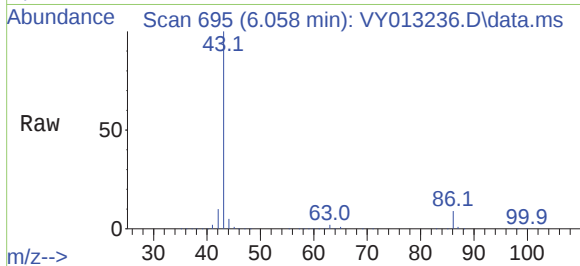




#23
 Vinyl Acetate
 Concen: 260.181 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013236.D
 Acq: 10 Apr 2023 19:18

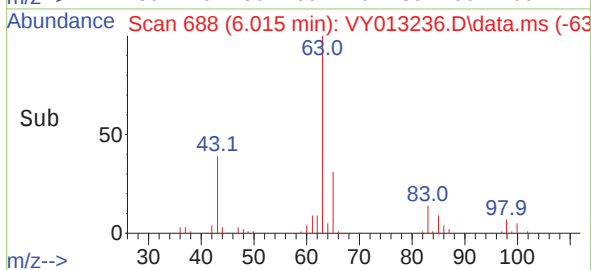
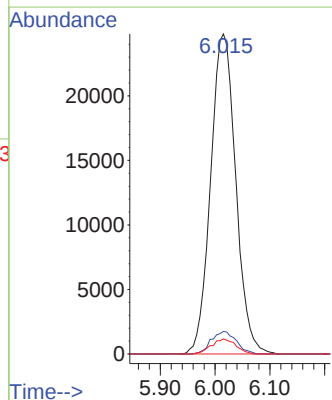
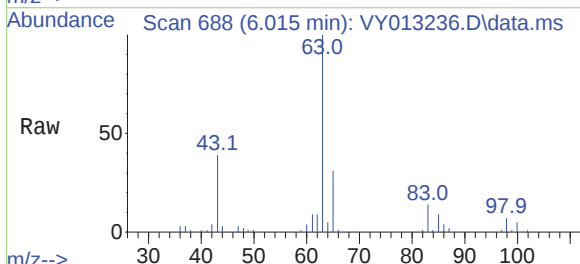
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041123

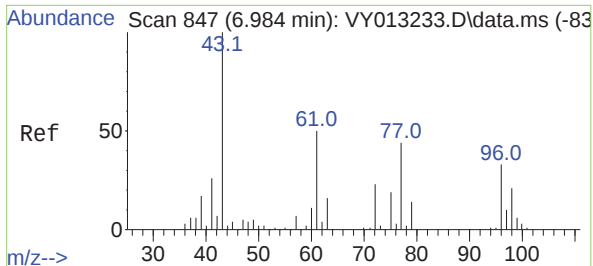
Tgt Ion: 43 Resp: 519581
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 48.061 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY013236.D
 Acq: 10 Apr 2023 19:18

Tgt Ion: 63 Resp: 78918
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.7 2.3 6.8

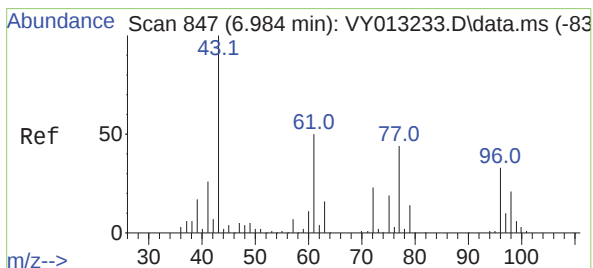
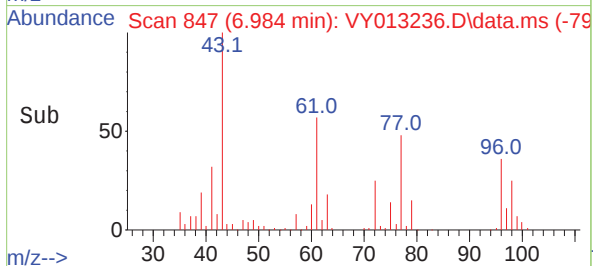
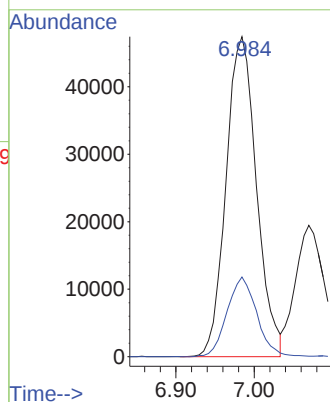
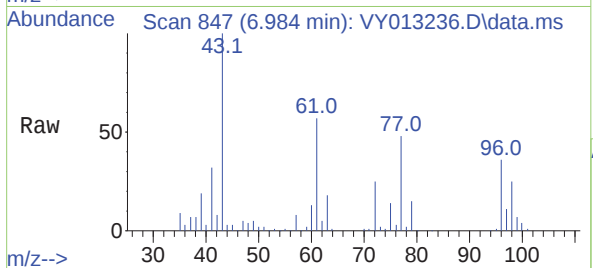




#25
2-Butanone
Concen: 47.243 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

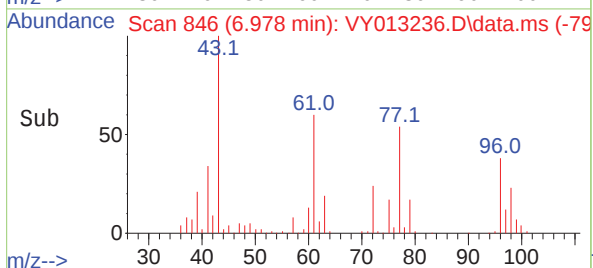
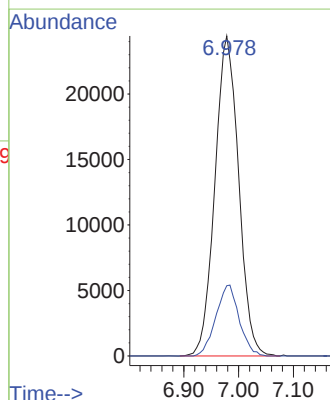
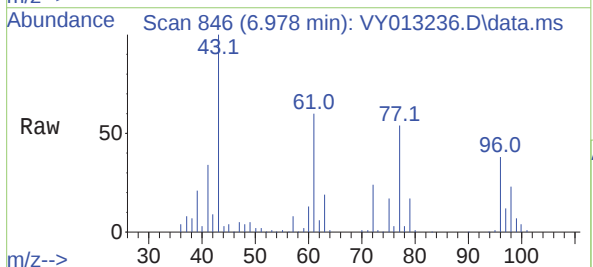
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

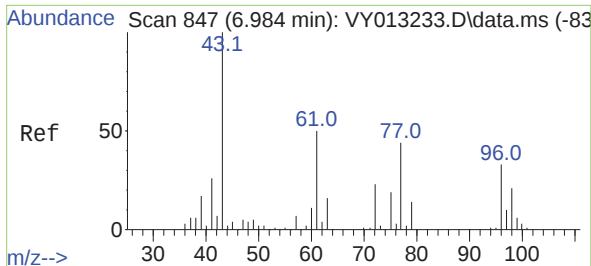
Tgt Ion: 43 Resp: 128188
Ion Ratio Lower Upper
43 100
72 24.9 21.0 31.4



#26
2,2-Dichloropropane
Concen: 47.354 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 77 Resp: 73419
Ion Ratio Lower Upper
77 100
97 21.8 11.7 35.0

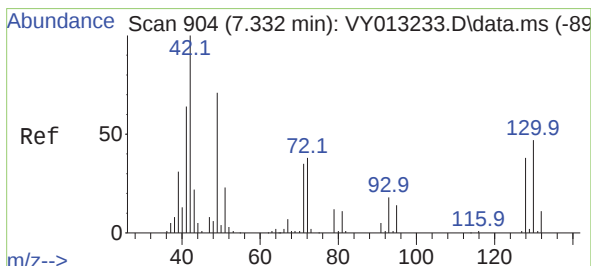
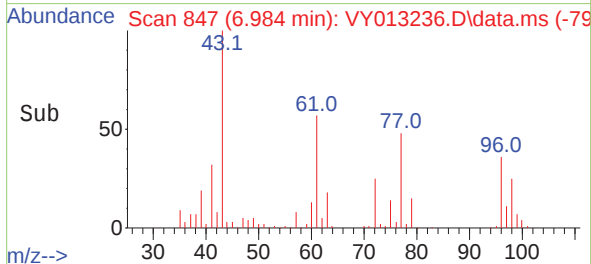
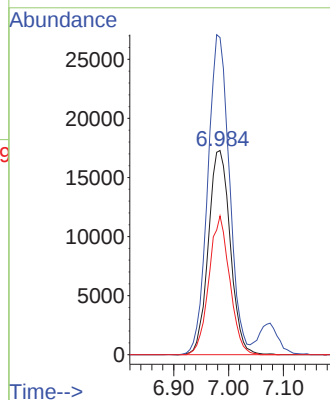
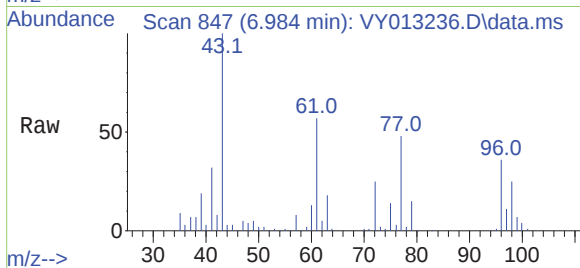




#27
cis-1,2-Dichloroethene
Concen: 50.059 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

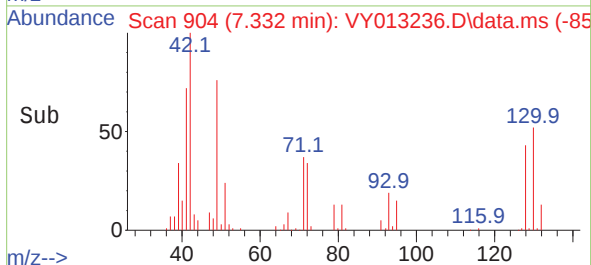
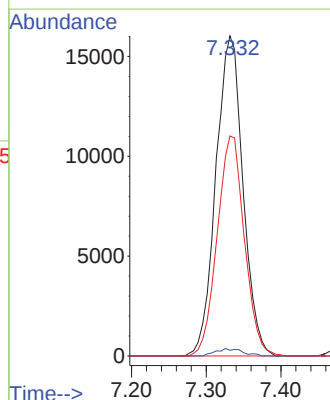
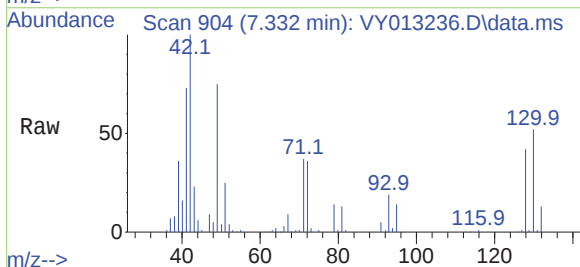
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

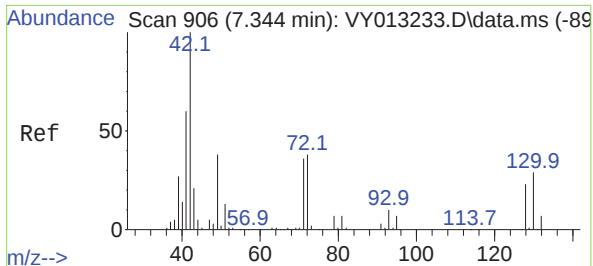
Tgt Ion: 96 Resp: 47896
Ion Ratio Lower Upper
96 100
61 155.0 0.0 295.8
98 64.4 0.0 130.2



#28
Bromochloromethane
Concen: 52.169 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 49 Resp: 40443
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 68.9 60.5 90.7

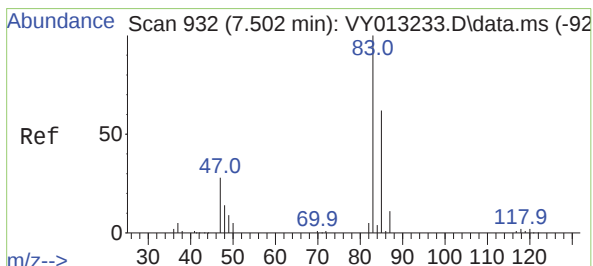
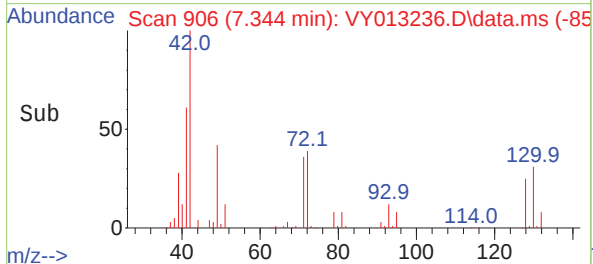
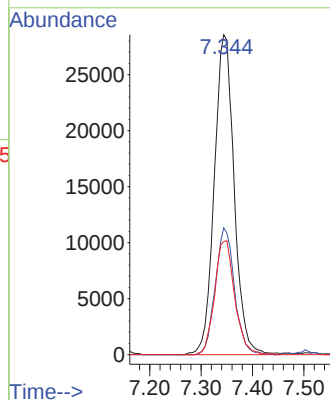
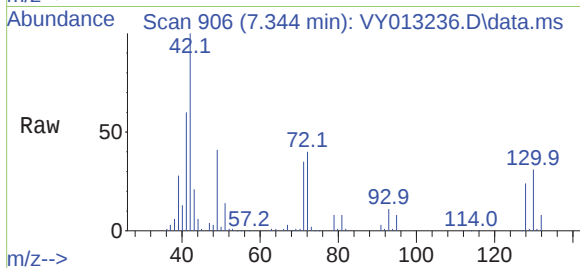




#29
Tetrahydrofuran
Concen: 242.435 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

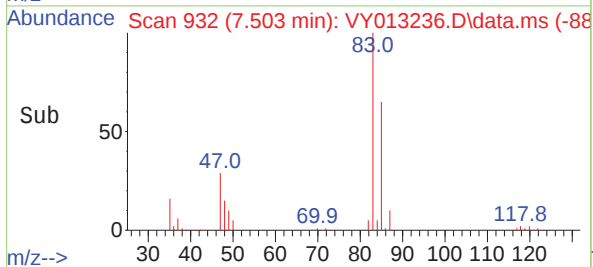
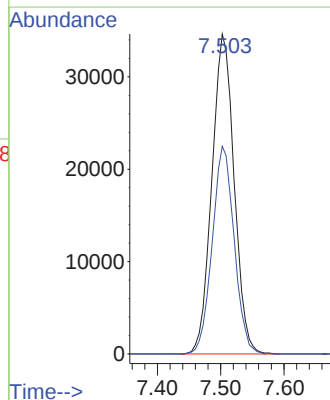
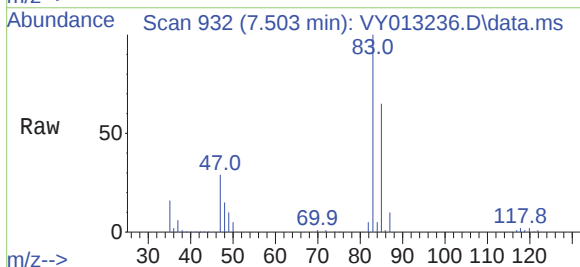
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

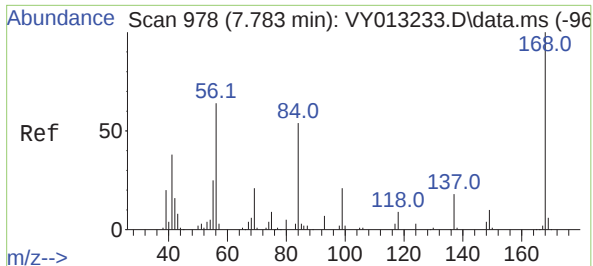
Tgt Ion: 42 Resp: 76721
Ion Ratio Lower Upper
42 100
72 38.4 32.3 48.5
71 36.0 30.3 45.5



#30
Chloroform
Concen: 49.304 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

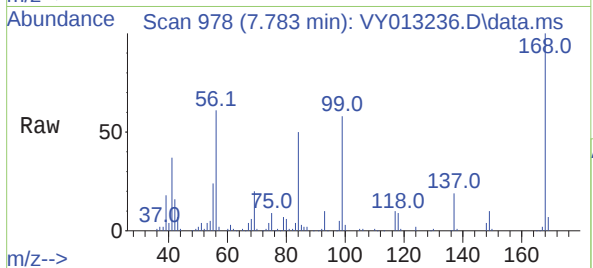
Tgt Ion: 83 Resp: 84479
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0



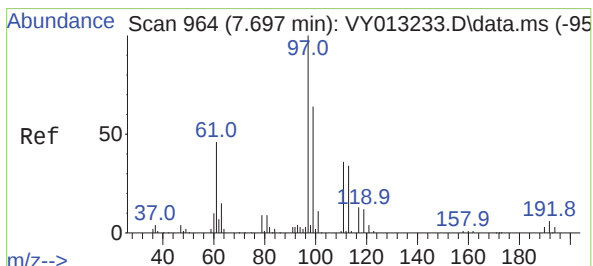
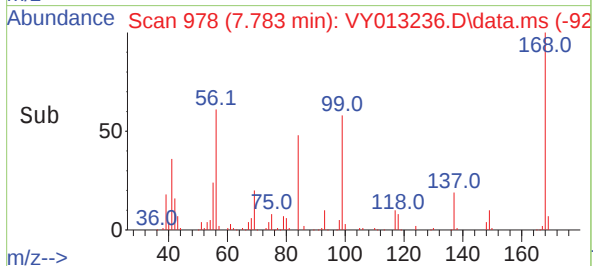
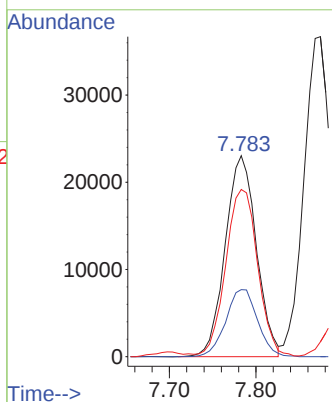


#31
Cyclohexane
Concen: 43.828 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

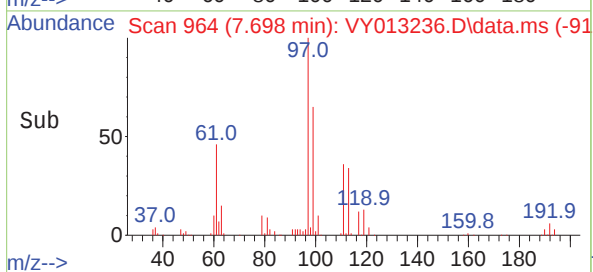
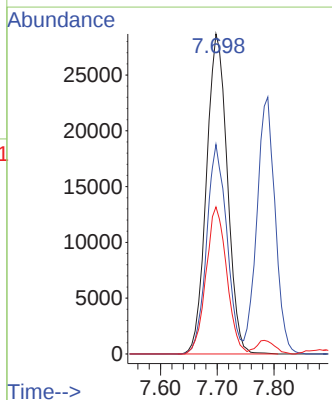
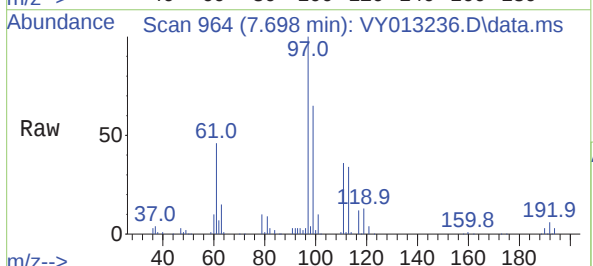


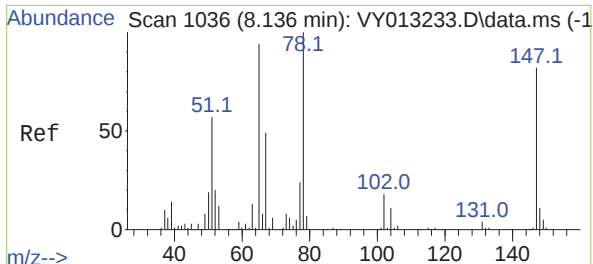
Tgt Ion: 56 Resp: 57493
Ion Ratio Lower Upper
56 100
69 33.4 25.7 38.5
84 81.5 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 48.900 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 97 Resp: 73413
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 45.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.983 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

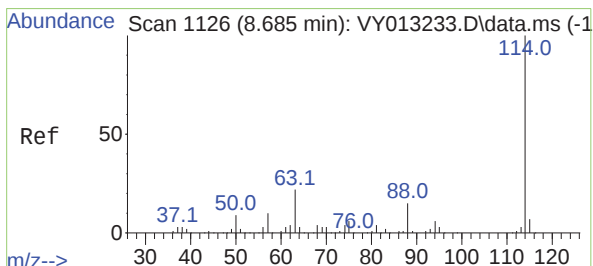
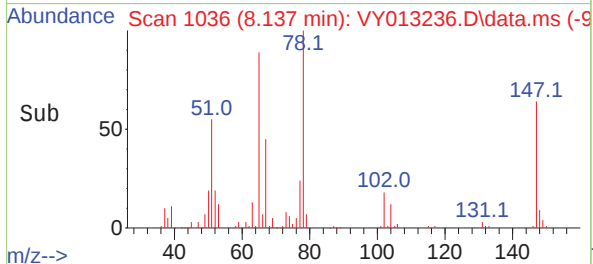
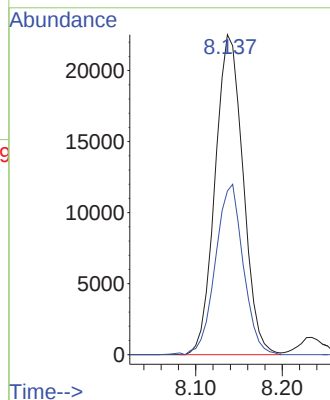
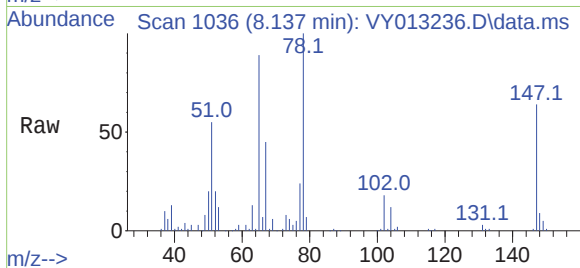
ICVVY041123

Tgt Ion: 65 Resp: 50541

Ion Ratio Lower Upper

65 100

67 53.0 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: VY013236.D

Acq: 10 Apr 2023 19:18

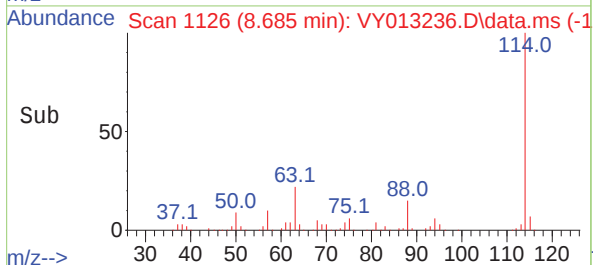
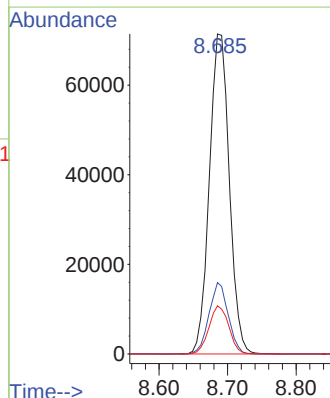
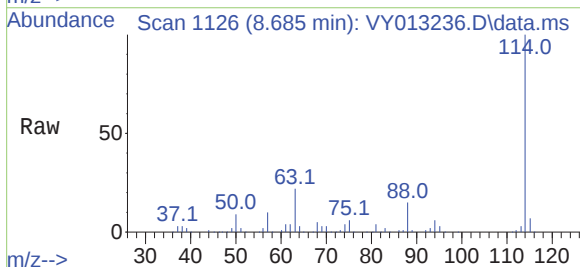
Tgt Ion:114 Resp: 144144

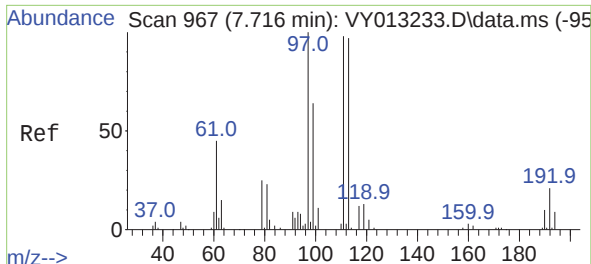
Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.4

88 15.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 49.230 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041123

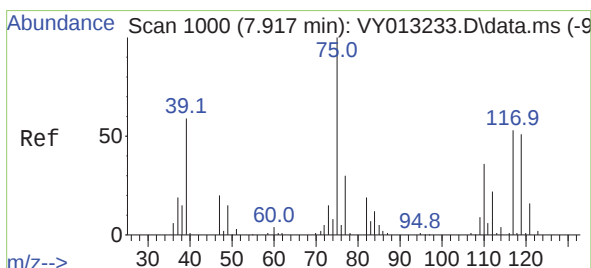
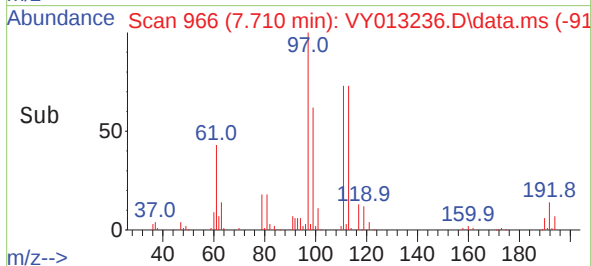
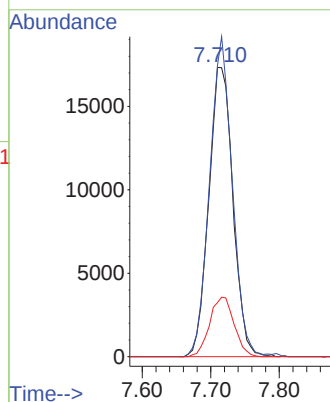
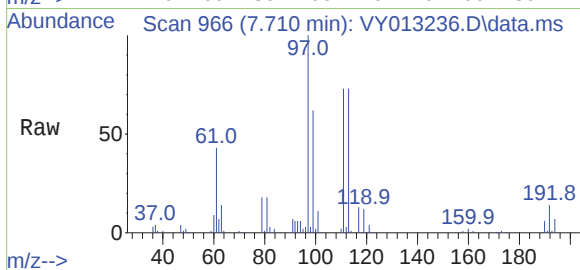
Tgt Ion:113 Resp: 42418

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 20.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 47.840 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

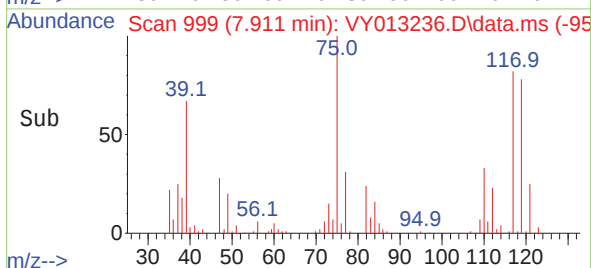
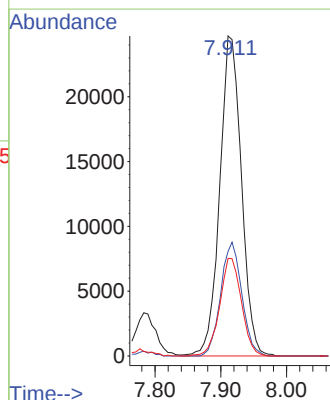
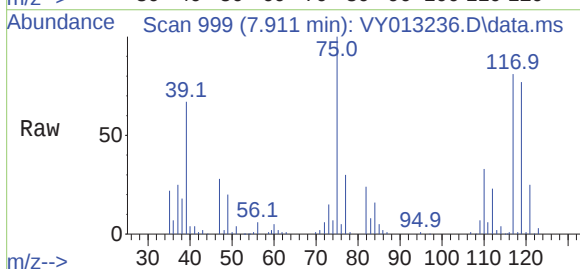
Tgt Ion: 75 Resp: 56690

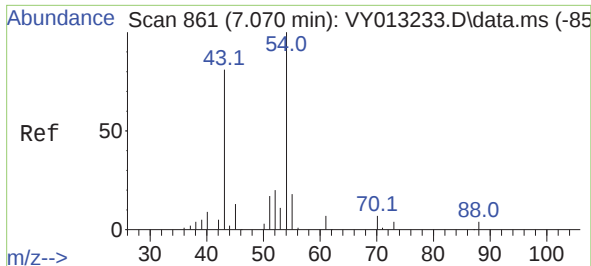
Ion Ratio Lower Upper

75 100

110 34.6 17.8 53.3

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 46.907 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY041123

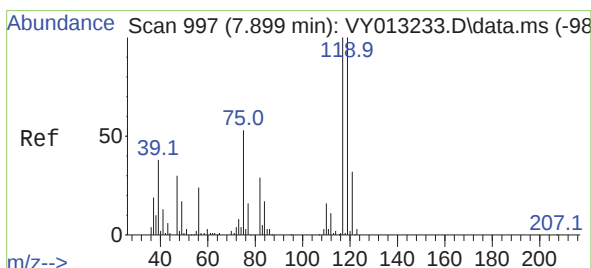
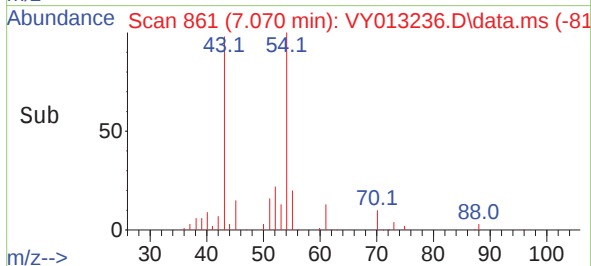
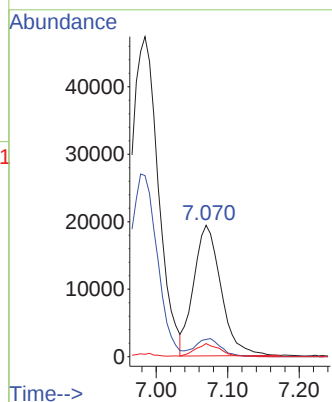
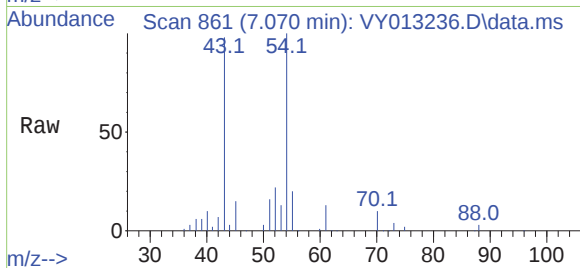
Tgt Ion: 43 Resp: 51452

Ion Ratio Lower Upper

43 100

61 13.1 10.7 16.1

70 9.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 47.700 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

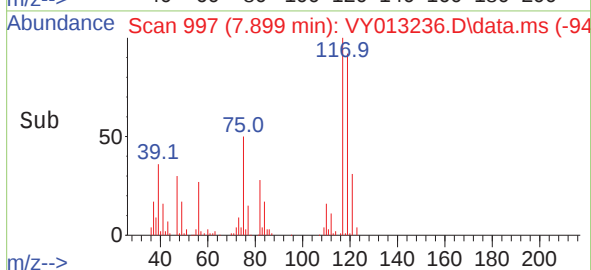
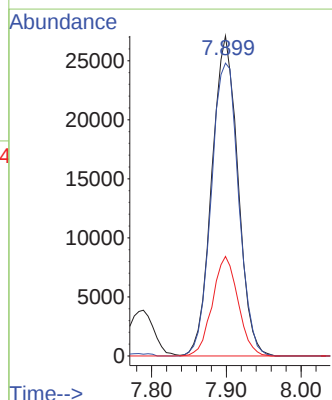
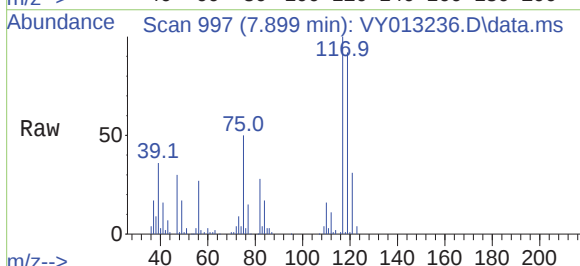
Tgt Ion: 117 Resp: 65813

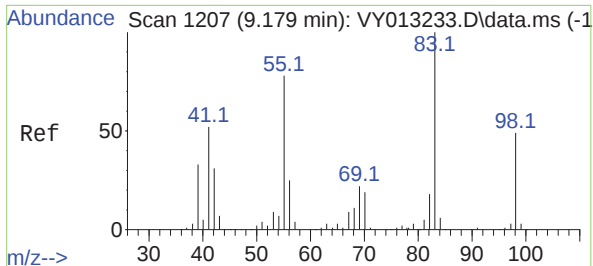
Ion Ratio Lower Upper

117 100

119 91.5 77.2 115.8

121 31.1 24.7 37.1

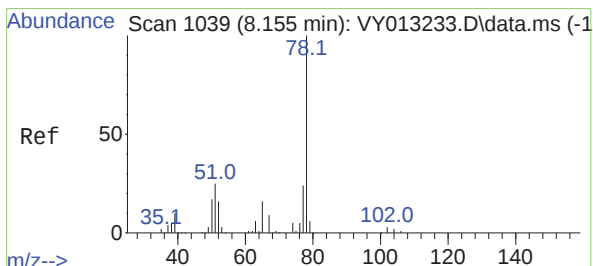
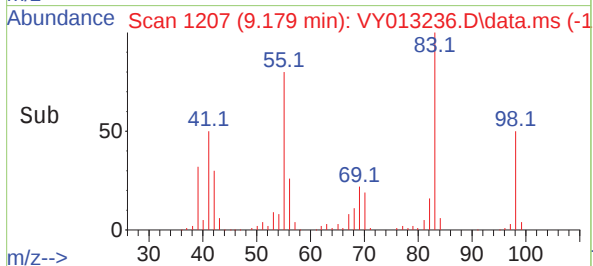
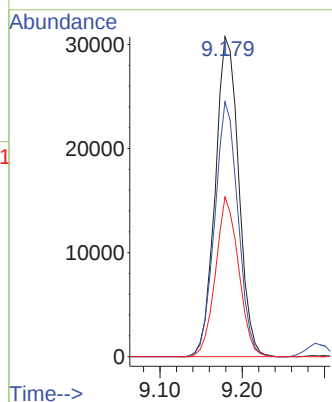
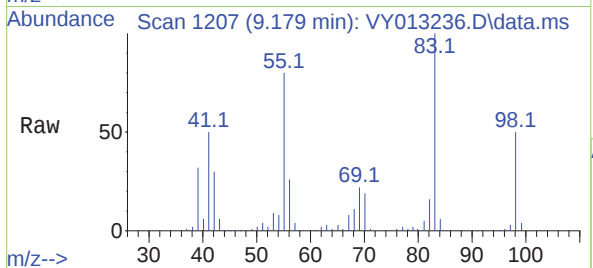




#39
Methylcyclohexane
Concen: 49.023 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

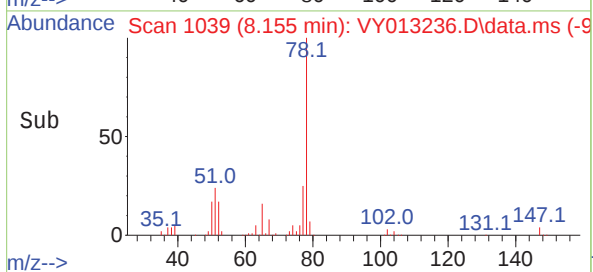
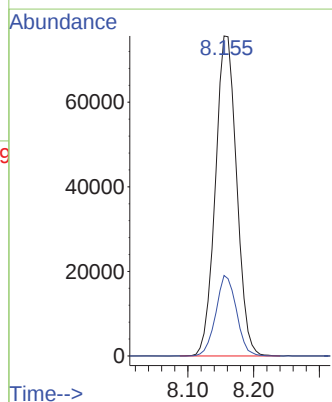
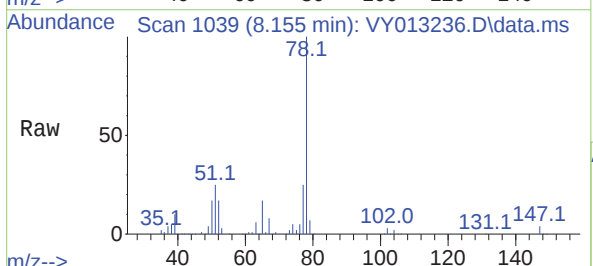
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

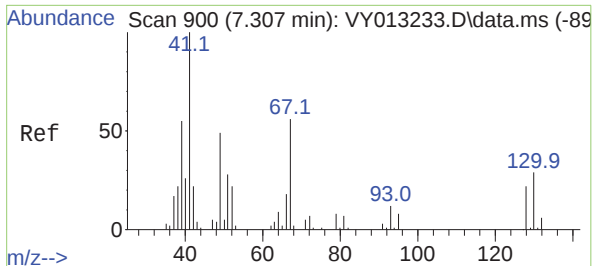
Tgt Ion: 83 Resp: 61047
Ion Ratio Lower Upper
83 100
55 79.6 60.0 90.0
98 49.9 38.3 57.5



#40
Benzene
Concen: 48.724 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 78 Resp: 170086
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.0

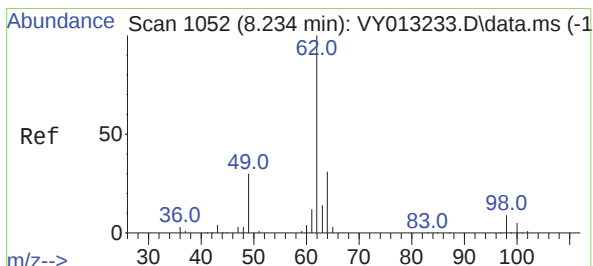
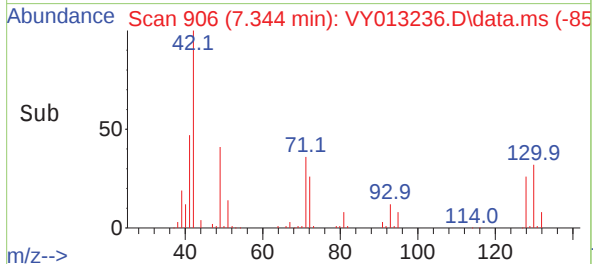
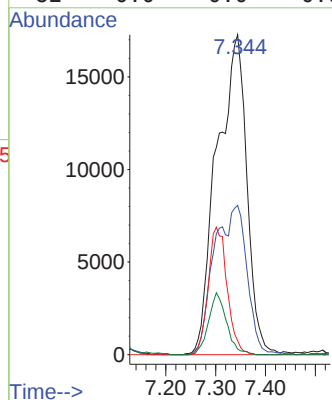
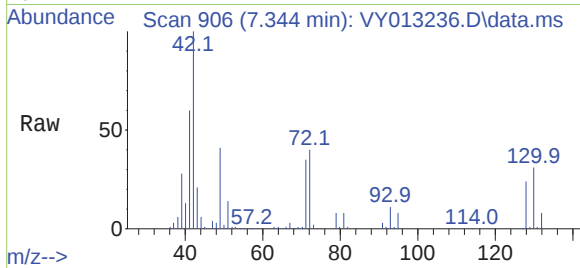




#41
Methacrylonitrile
Concen: 129.796 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

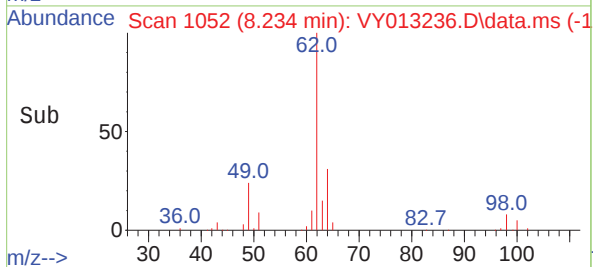
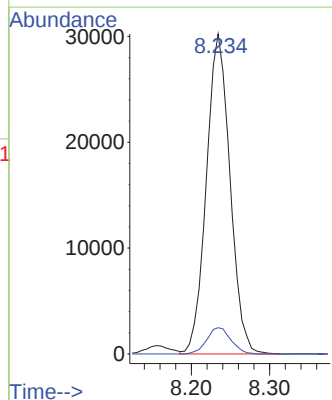
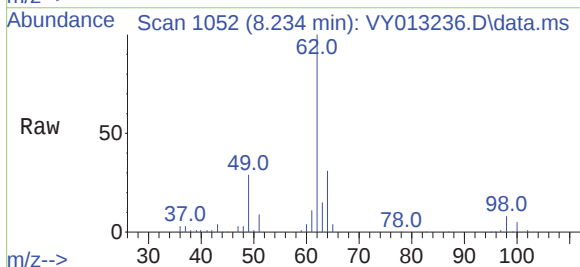
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

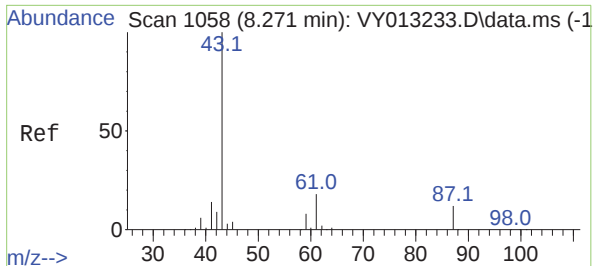
Tgt Ion: 41 Resp: 71559
Ion Ratio Lower Upper
41 100
39 26.1 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.437 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 62 Resp: 63398
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.8





#43

Isopropyl Acetate

Concen: 49.022 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY041123

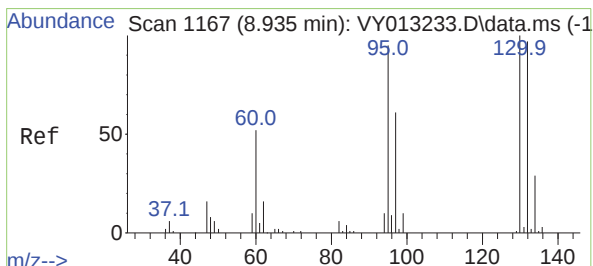
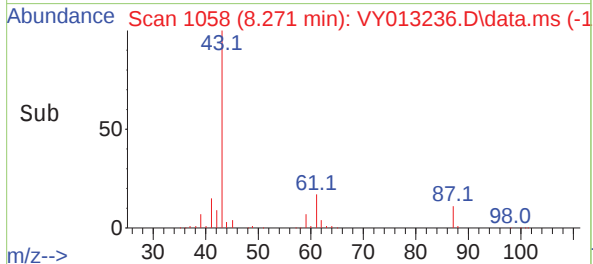
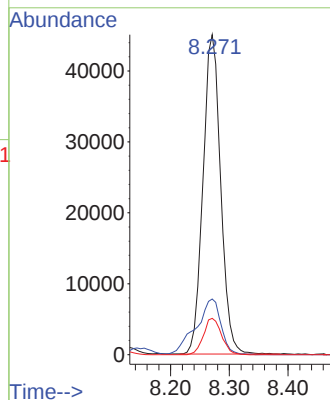
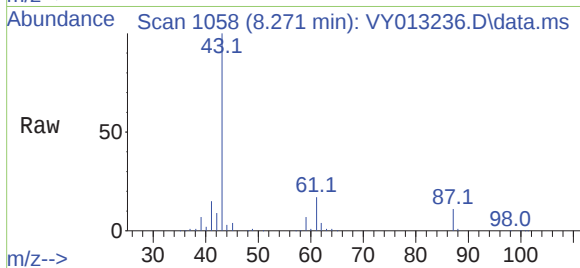
Tgt Ion: 43 Resp: 93933

Ion Ratio Lower Upper

43 100

61 24.7 21.6 32.4

87 11.6 9.9 14.9



#44

Trichloroethene

Concen: 47.870 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY013236.D

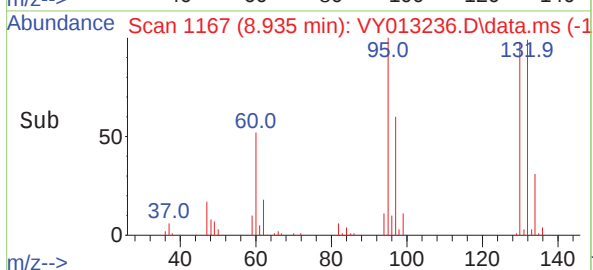
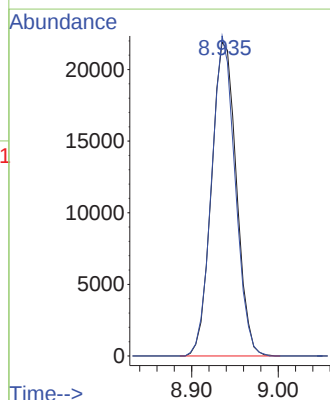
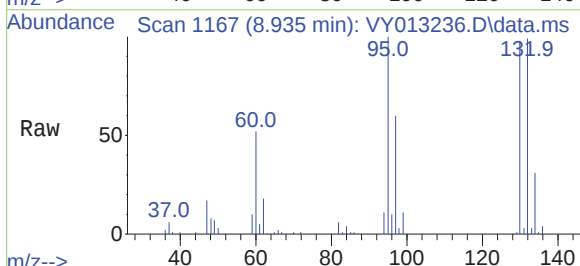
Acq: 10 Apr 2023 19:18

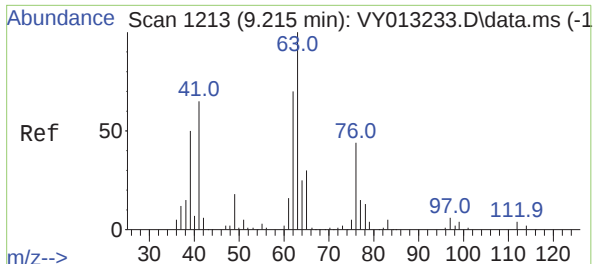
Tgt Ion:130 Resp: 43614

Ion Ratio Lower Upper

130 100

95 102.0 0.0 185.0

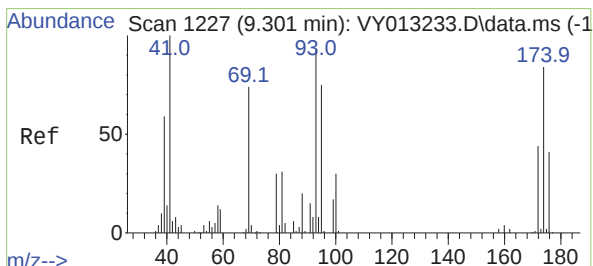
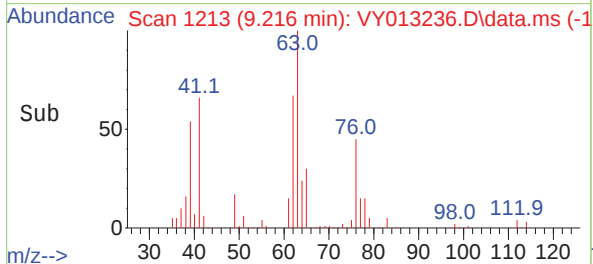
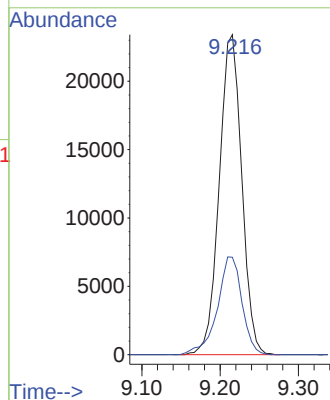
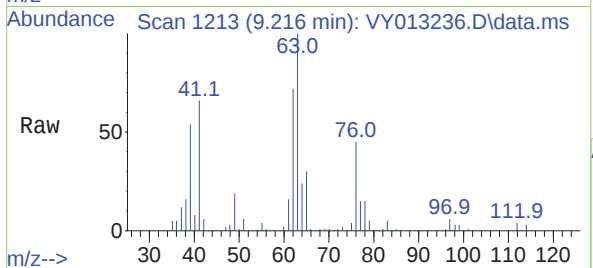




#45
1,2-Dichloropropane
Concen: 49.128 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.001 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

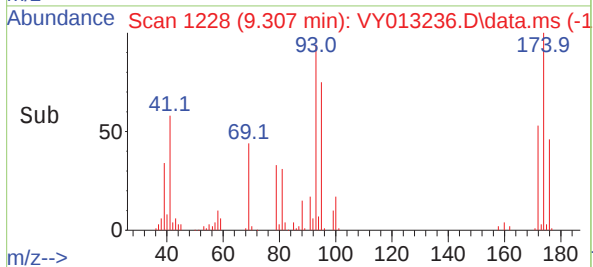
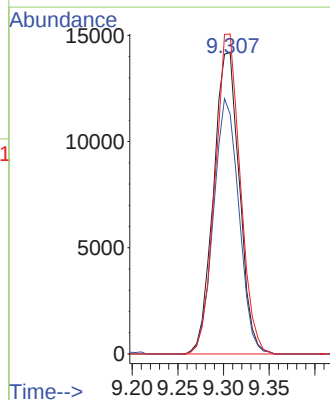
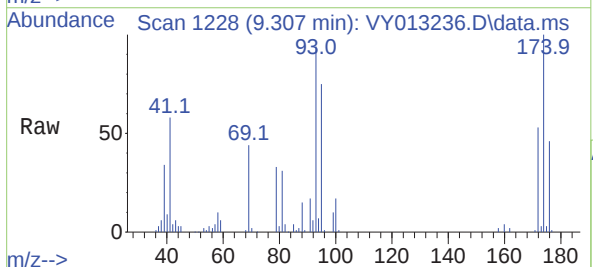
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

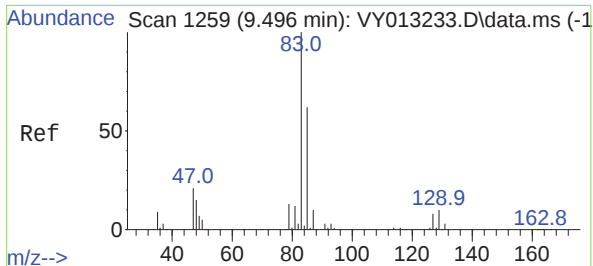
Tgt Ion: 63 Resp: 46702
Ion Ratio Lower Upper
63 100
65 30.5 25.7 38.5



#46
Dibromomethane
Concen: 48.378 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 93 Resp: 27992
Ion Ratio Lower Upper
93 100
95 82.9 65.6 98.4
174 103.3 81.3 121.9





#47

Bromodichloromethane

Concen: 49.593 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041123

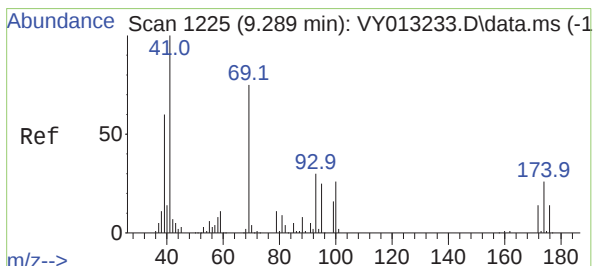
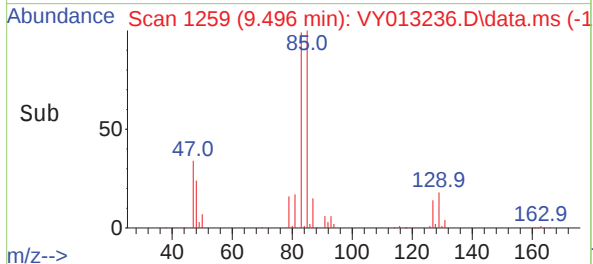
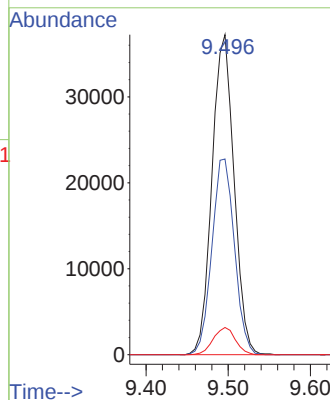
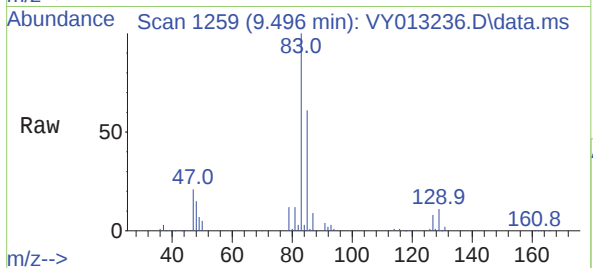
Tgt Ion: 83 Resp: 69288

Ion Ratio Lower Upper

83 100

85 61.2 50.2 75.4

127 8.5 6.3 9.5



#48

Methyl methacrylate

Concen: 49.876 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

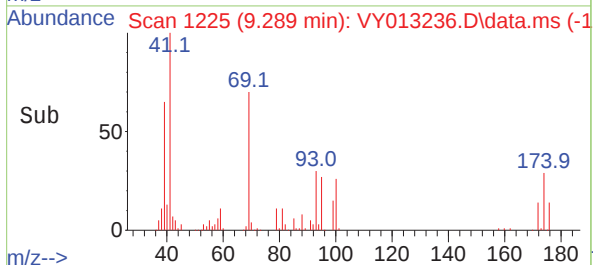
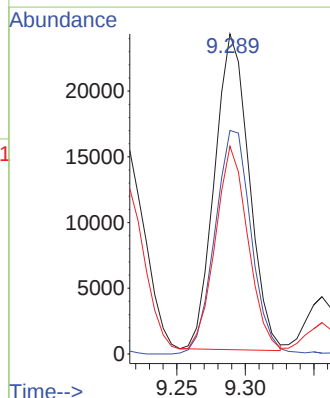
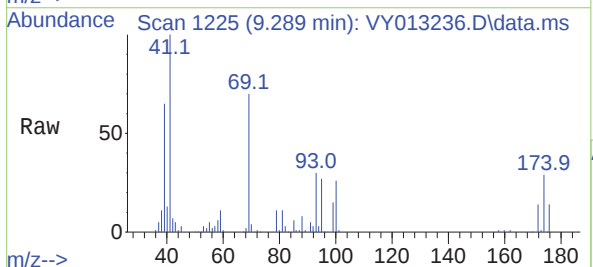
Tgt Ion: 41 Resp: 41966

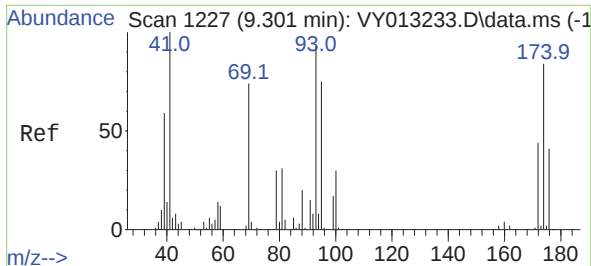
Ion Ratio Lower Upper

41 100

69 74.7 64.1 96.1

39 64.5 44.0 66.0

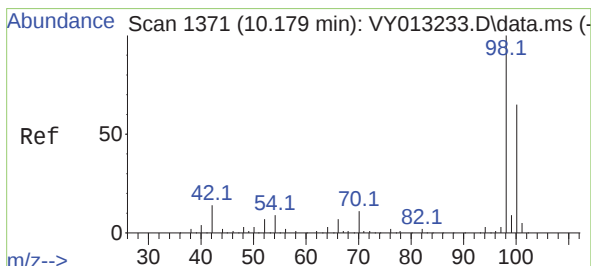
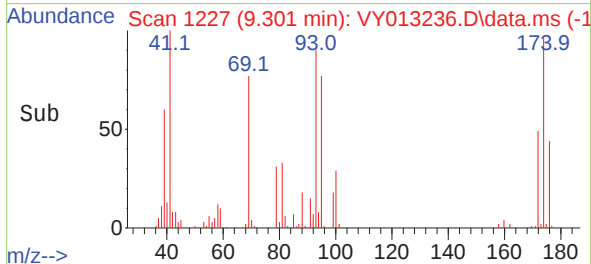
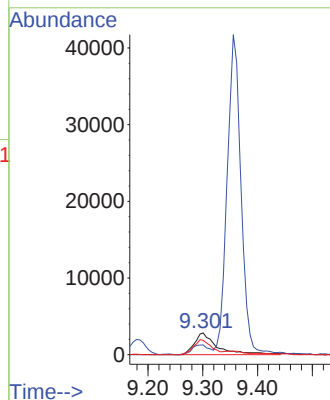
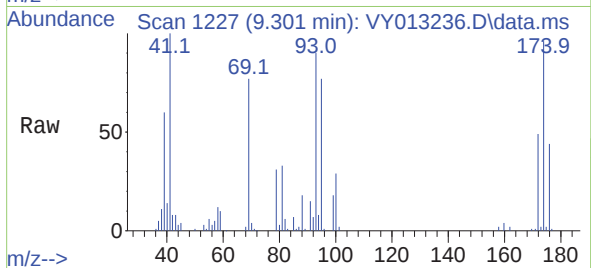




#49
1,4-Dioxane
Concen: 1011.254 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

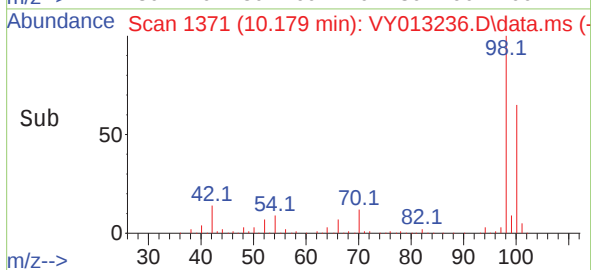
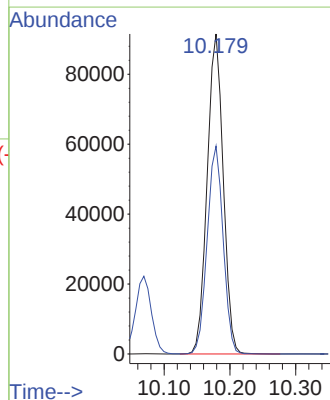
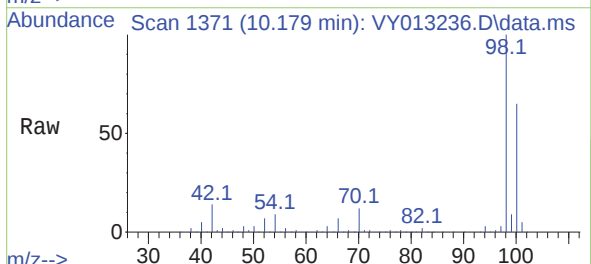
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

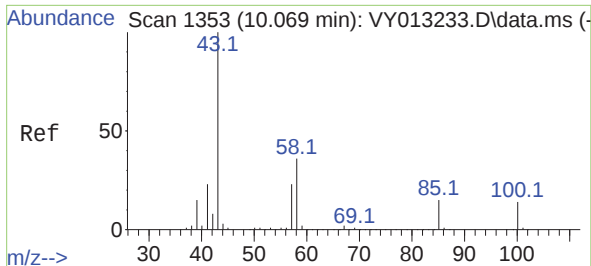
Tgt Ion: 88 Resp: 8323
Ion Ratio Lower Upper
88 100
43 33.8 28.6 42.8
58 53.9 55.2 82.8#



#50
Toluene-d8
Concen: 51.535 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 98 Resp: 155464
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 250.679 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

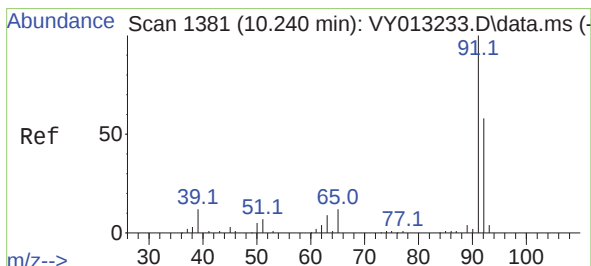
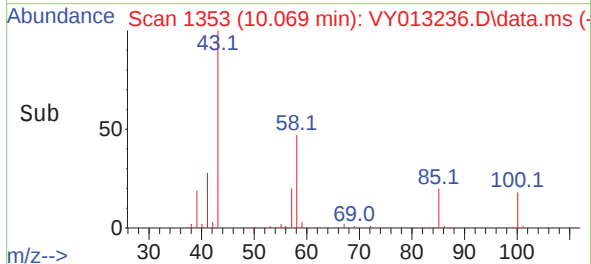
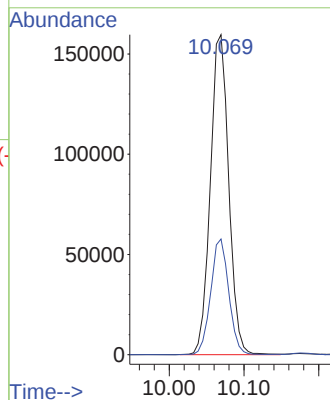
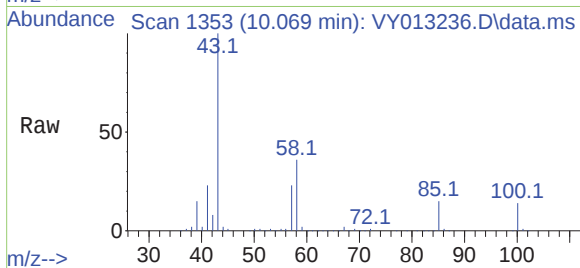
ICVVY041123

Tgt Ion: 43 Resp: 272387

Ion Ratio Lower Upper

43 100

58 35.6 29.8 44.6



#52

Toluene

Concen: 50.557 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY013236.D

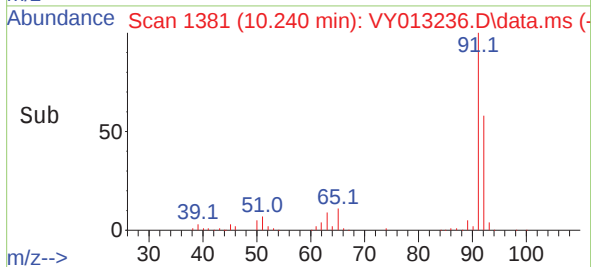
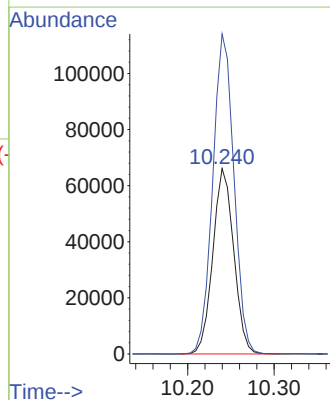
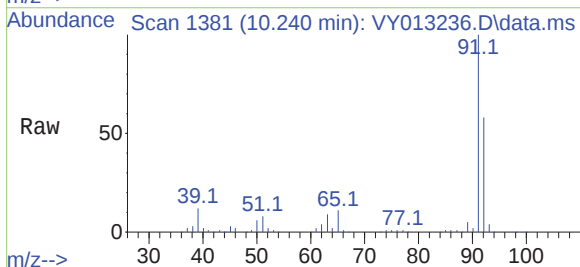
Acq: 10 Apr 2023 19:18

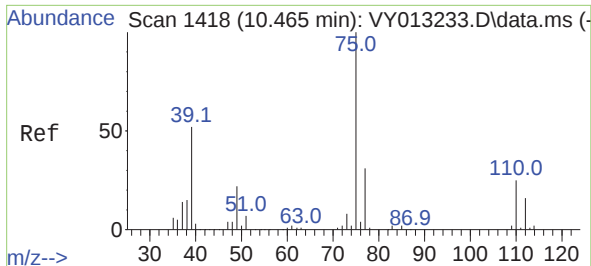
Tgt Ion: 92 Resp: 110663

Ion Ratio Lower Upper

92 100

91 175.1 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 50.484 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

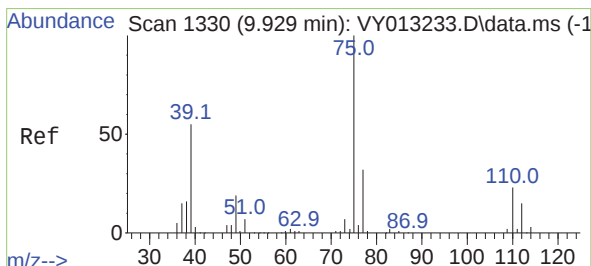
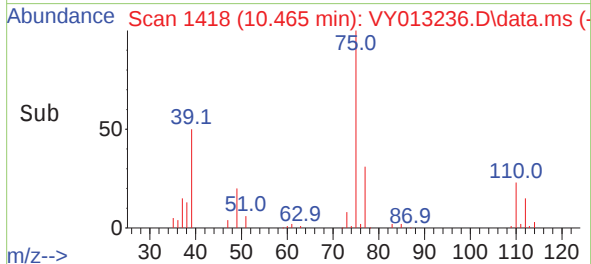
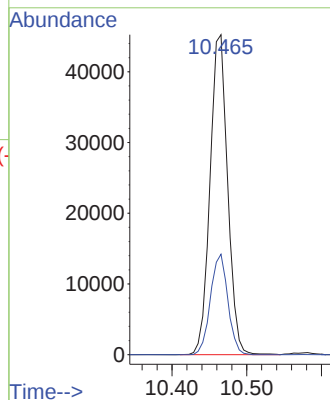
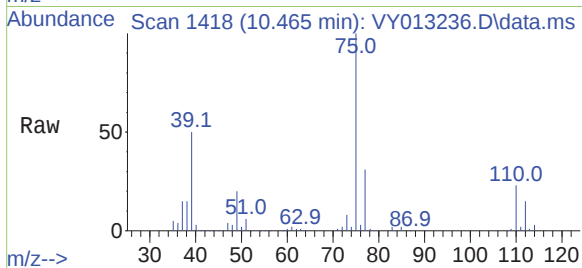
ICVVY041123

Tgt Ion: 75 Resp: 73907

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.833 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

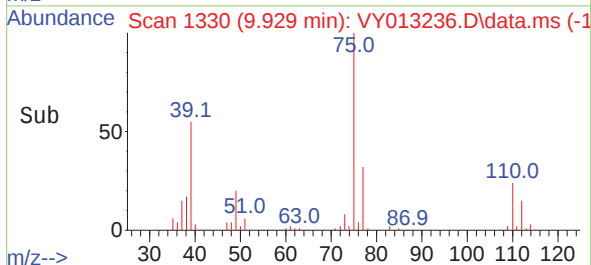
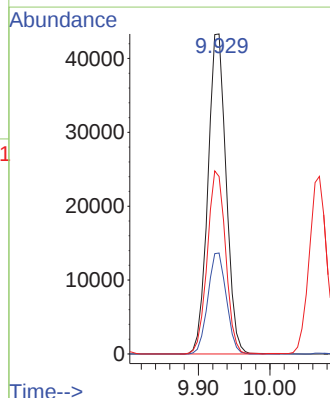
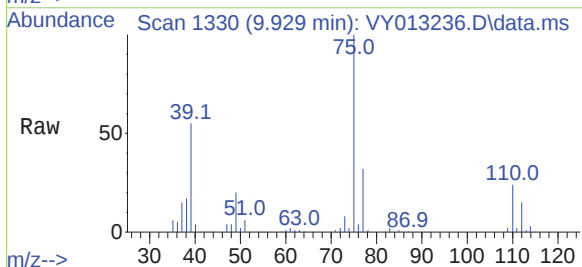
Tgt Ion: 75 Resp: 76667

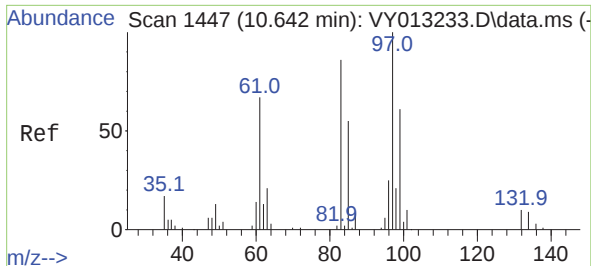
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 55.4 39.0 58.4



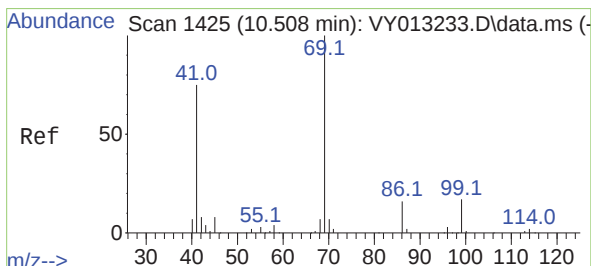
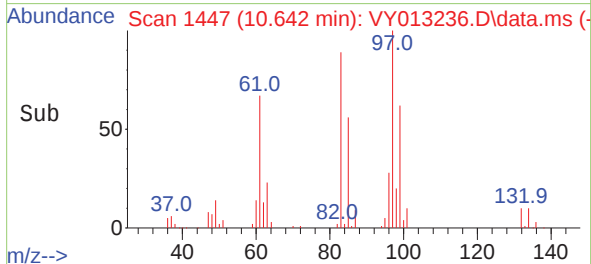
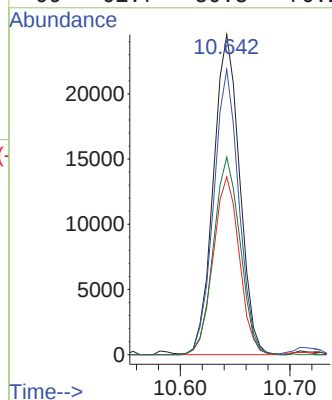
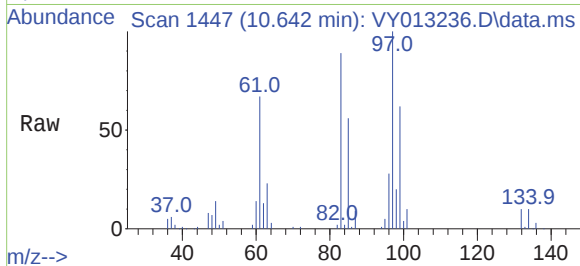


#55
1,1,2-Trichloroethane
Concen: 49.735 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

Tgt Ion: 97 Resp: 40699

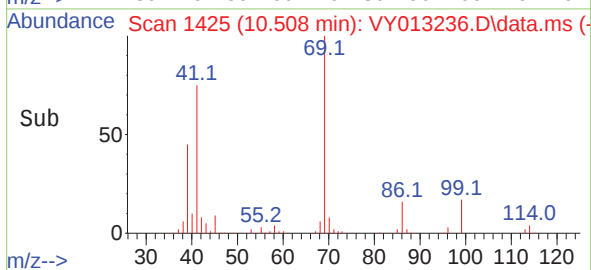
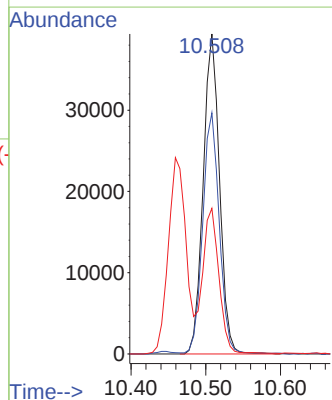
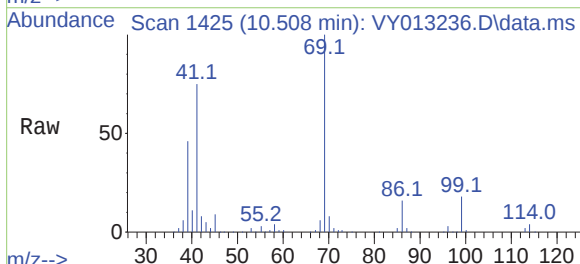
Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.0	103.6
85	55.6	44.9	67.3
99	61.7	50.8	76.2

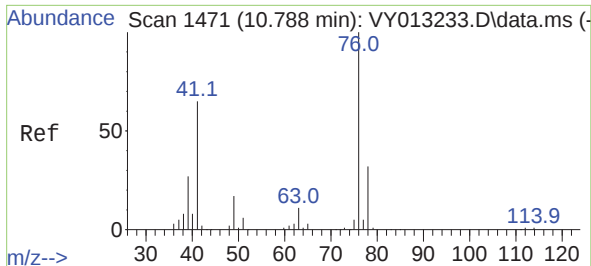


#56
Ethyl methacrylate
Concen: 52.168 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 69 Resp: 59647

Ion	Ratio	Lower	Upper
69	100		
41	77.0	56.4	84.6
39	45.5	30.8	46.2

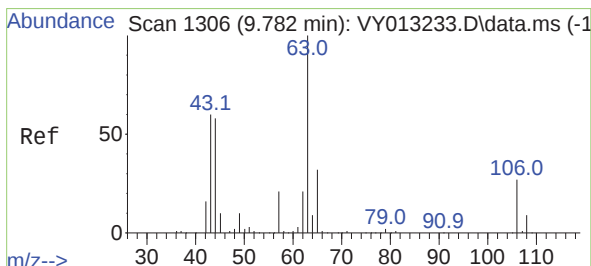
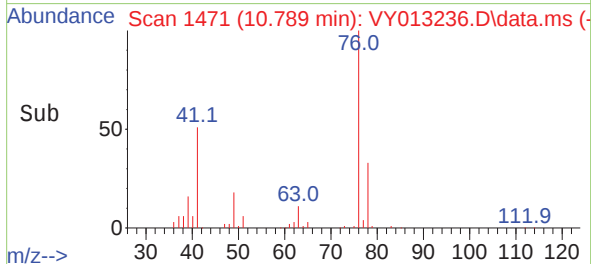
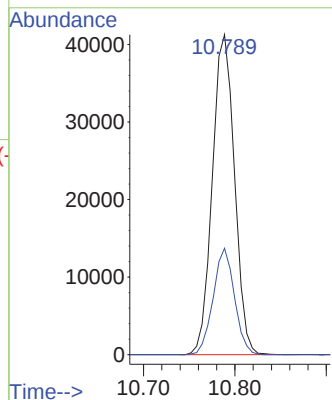
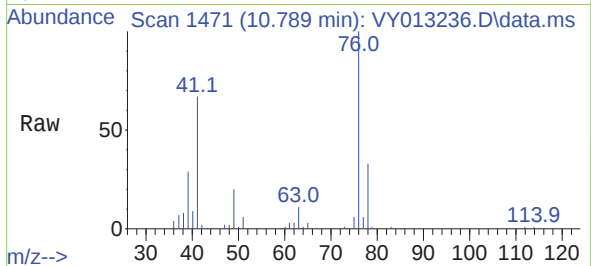




#57
1,3-Dichloropropane
Concen: 50.264 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

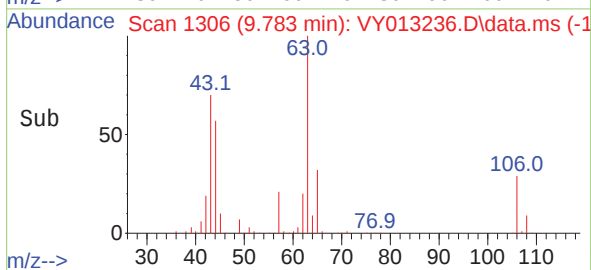
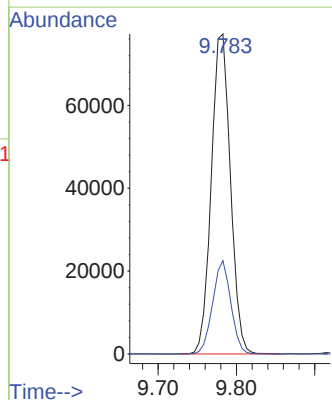
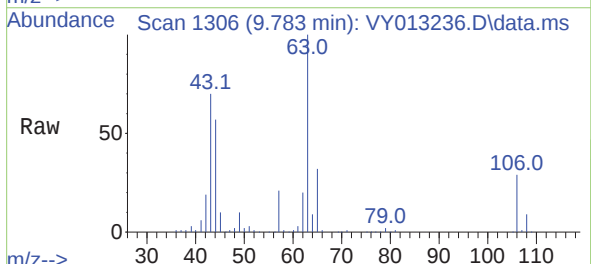
Instrument : MSVOA_Y
ClientSampleId : ICVVY041123

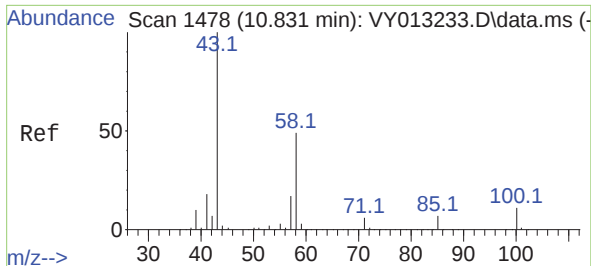
Tgt Ion: 76 Resp: 69377
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 252.648 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 63 Resp: 131019
Ion Ratio Lower Upper
63 100
106 27.7 22.1 33.1





#59

2-Hexanone

Concen: 255.129 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

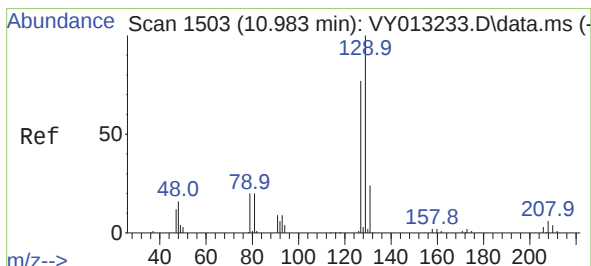
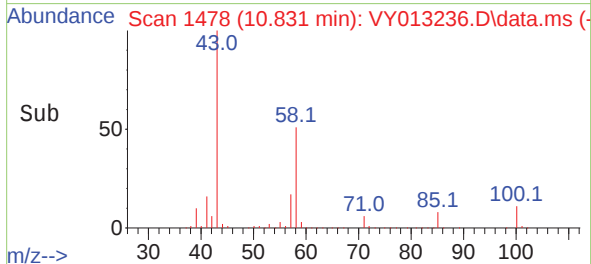
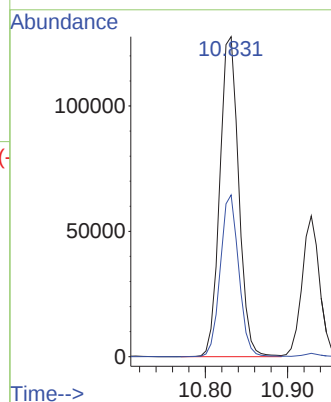
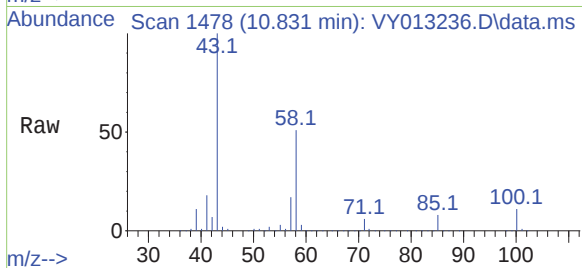
ICVVY041123

Tgt Ion: 43 Resp: 204442

Ion Ratio Lower Upper

43 100

58 49.3 25.9 77.8



#60

Dibromochloromethane

Concen: 50.572 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.001 min

Lab File: VY013236.D

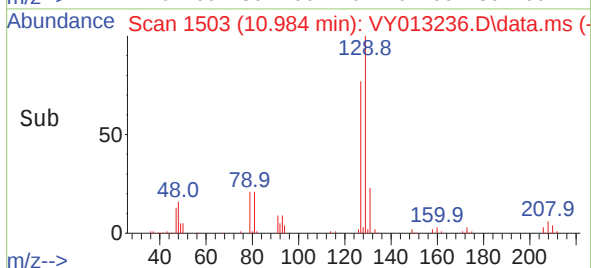
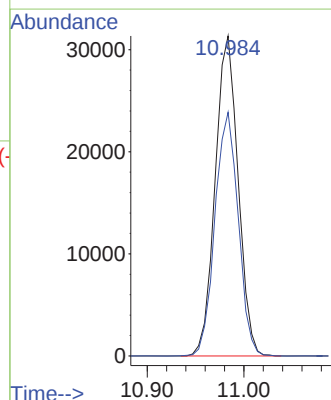
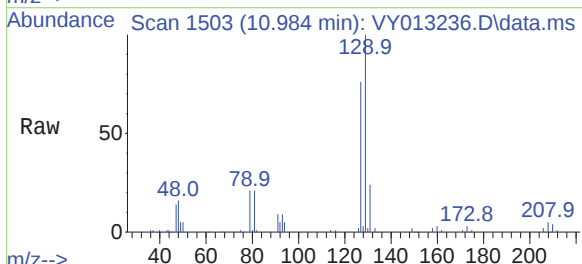
Acq: 10 Apr 2023 19:18

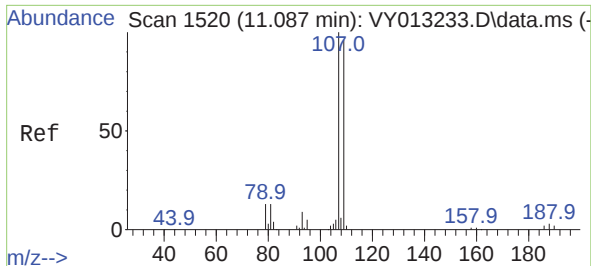
Tgt Ion: 129 Resp: 51497

Ion Ratio Lower Upper

129 100

127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.403 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

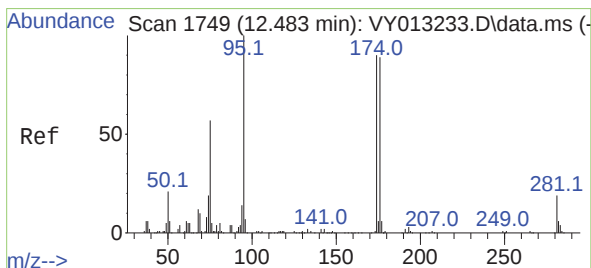
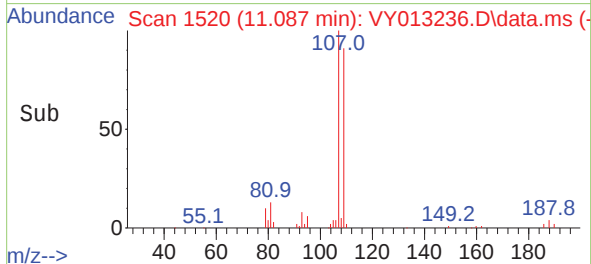
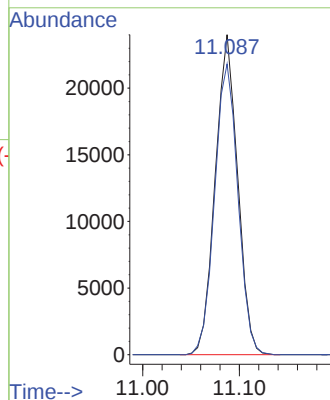
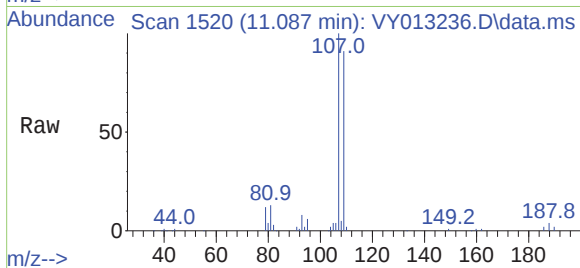
ICVVY041123

Tgt Ion:107 Resp: 38591

Ion Ratio Lower Upper

107 100

109 94.4 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 51.300 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

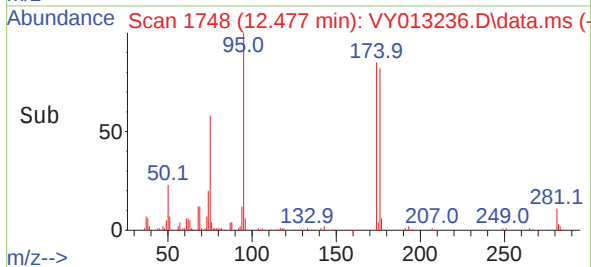
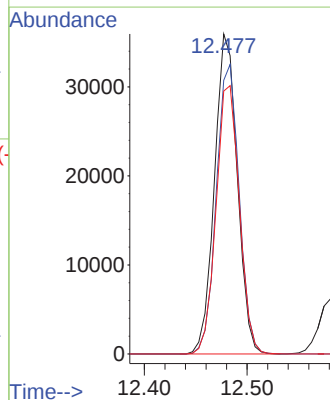
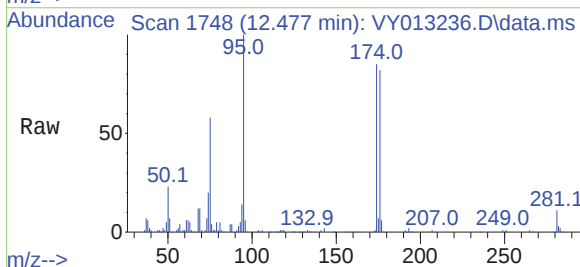
Tgt Ion: 95 Resp: 55262

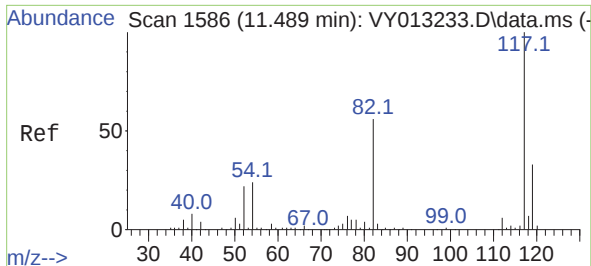
Ion Ratio Lower Upper

95 100

174 90.4 0.0 176.6

176 85.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041123

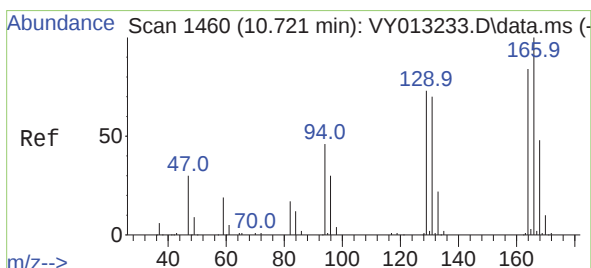
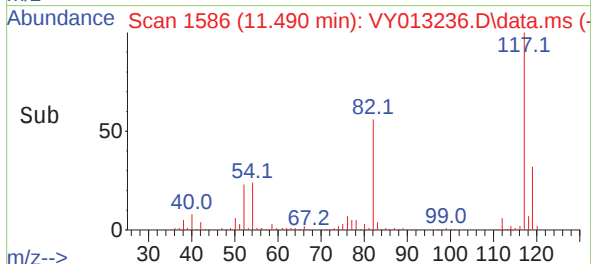
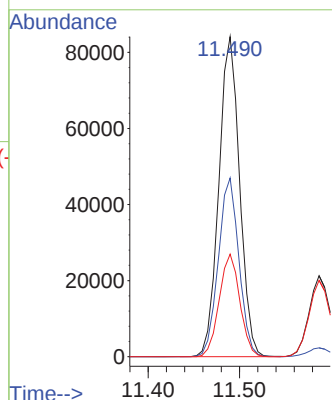
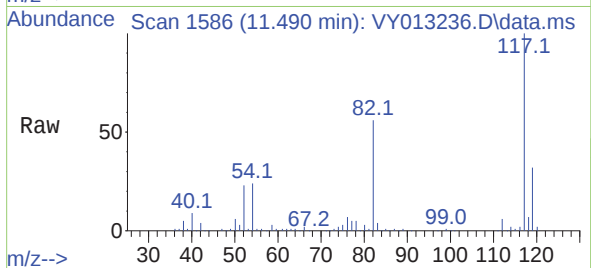
Tgt Ion:117 Resp: 132848

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 47.313 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Tgt Ion:164 Resp: 38807

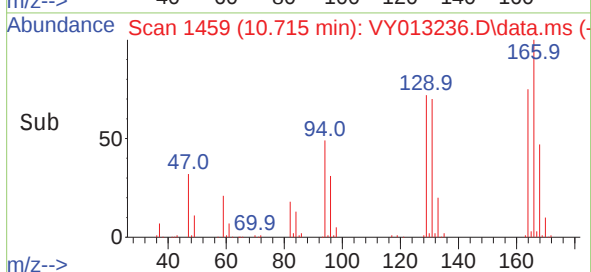
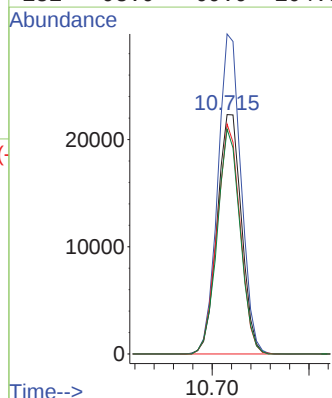
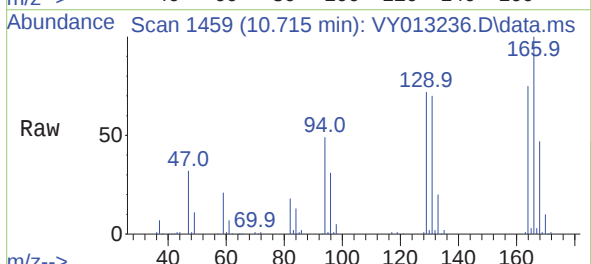
Ion Ratio Lower Upper

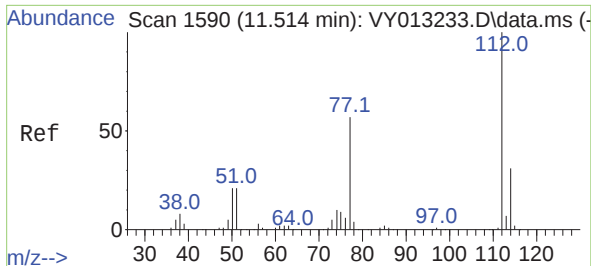
164 100

166 133.7 103.4 155.2

129 96.1 71.4 107.2

131 93.9 69.9 104.9





#65

Chlorobenzene

Concen: 49.278 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

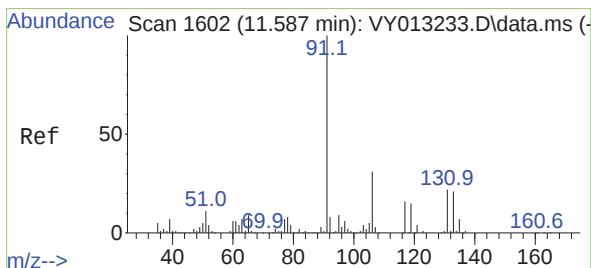
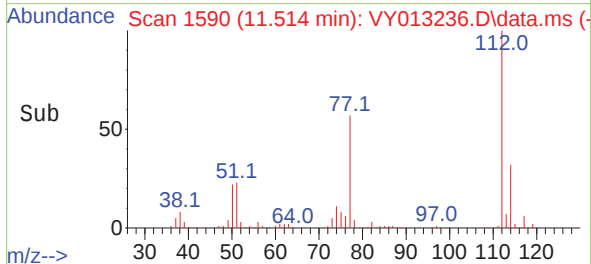
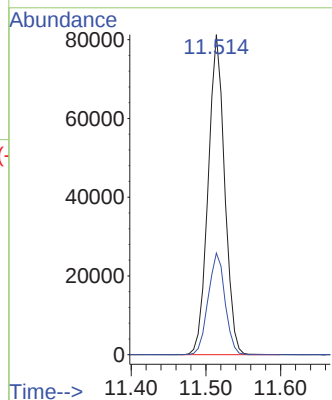
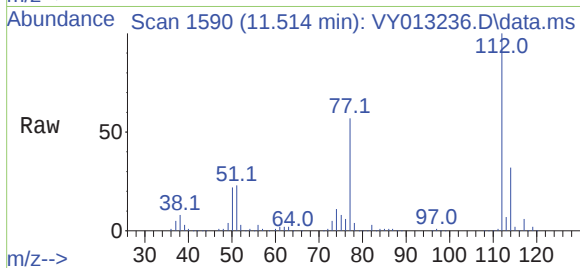
ICVVY041123

Tgt Ion:112 Resp: 124759

Ion Ratio Lower Upper

112 100

114 31.7 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 50.241 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

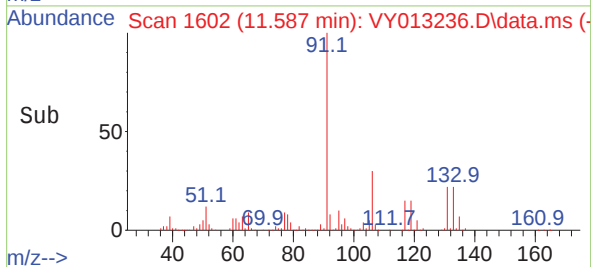
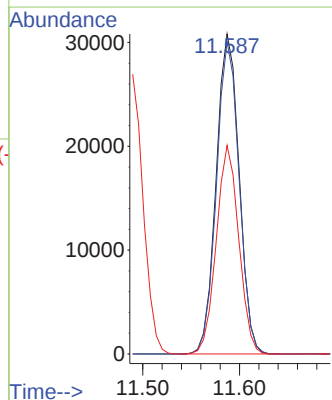
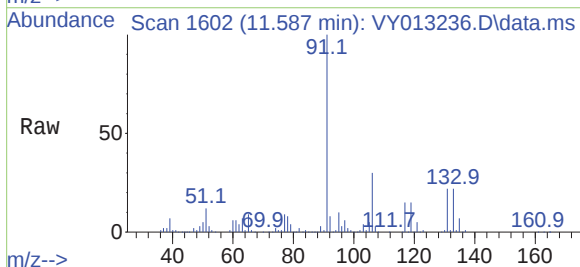
Tgt Ion:131 Resp: 50589

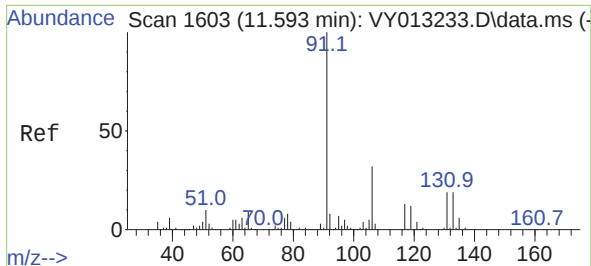
Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.0

119 63.9 32.6 98.0





#67

Ethyl Benzene

Concen: 50.759 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

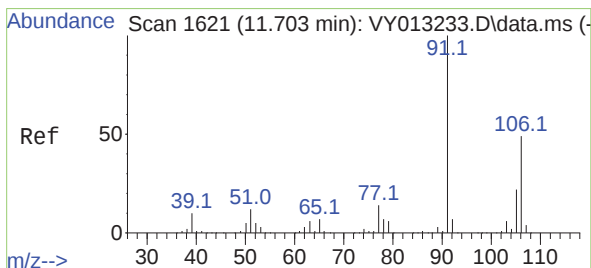
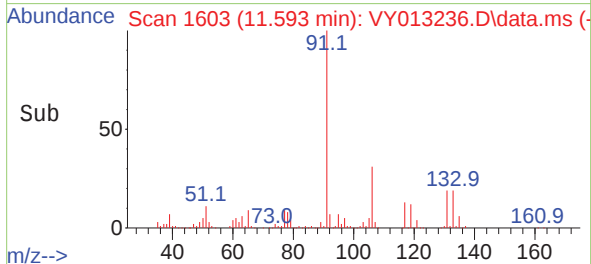
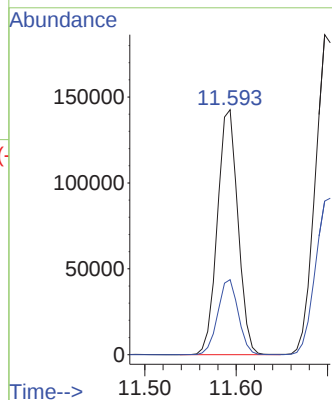
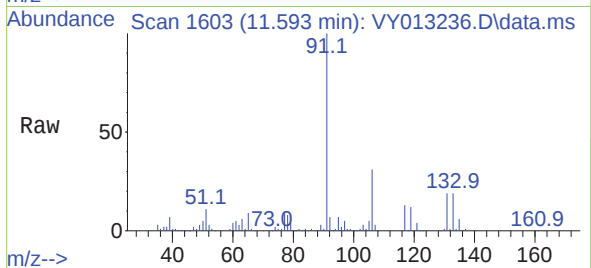
ICVVY041123

Tgt Ion: 91 Resp: 223063

Ion Ratio Lower Upper

91 100

106 30.6 25.1 37.7



#68

m/p-Xylenes

Concen: 102.063 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013236.D

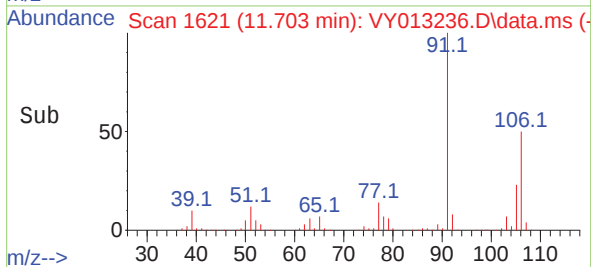
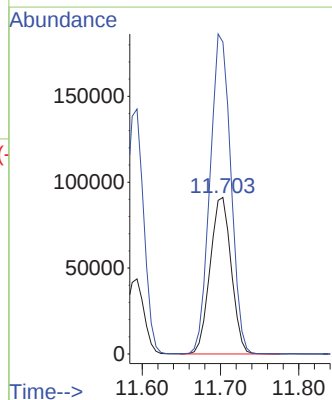
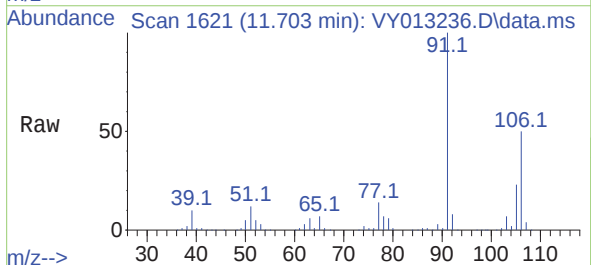
Acq: 10 Apr 2023 19:18

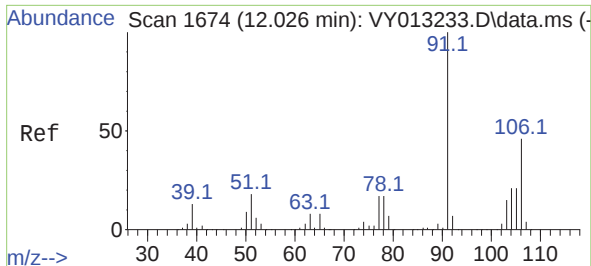
Tgt Ion:106 Resp: 170664

Ion Ratio Lower Upper

106 100

91 202.0 159.8 239.8





#69

o-Xylene

Concen: 51.495 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

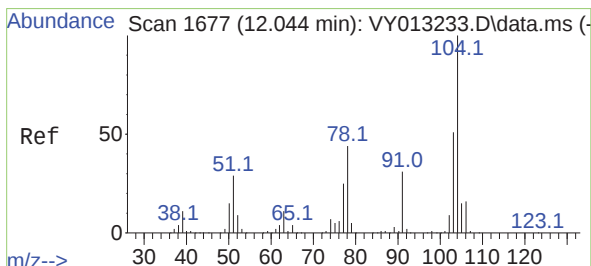
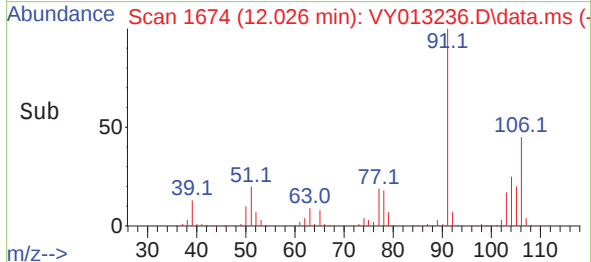
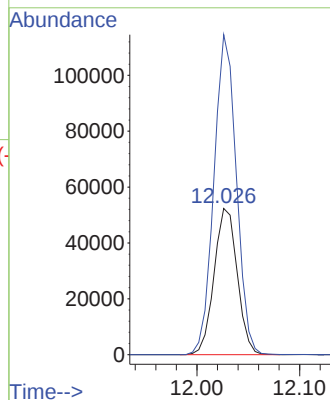
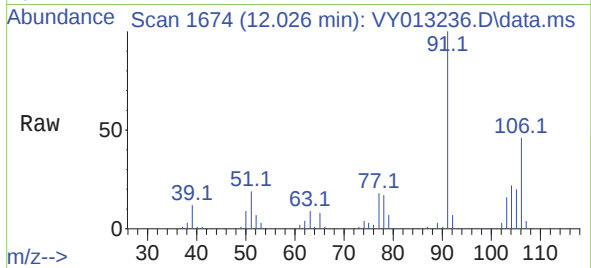
ICVY041123

Tgt Ion:106 Resp: 81846

Ion Ratio Lower Upper

106 100

91 212.4 107.2 321.6



#70

Styrene

Concen: 53.011 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

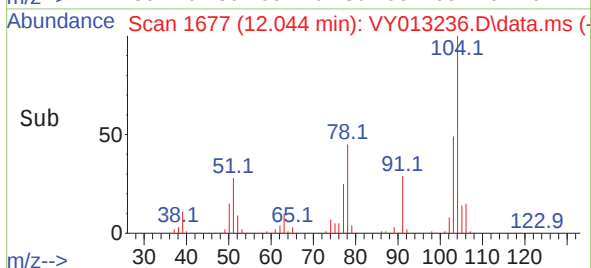
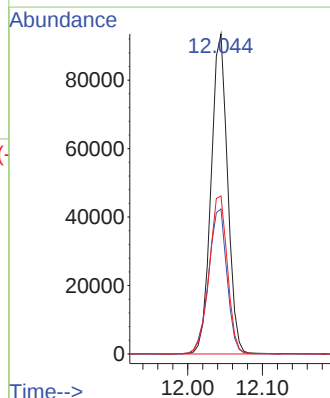
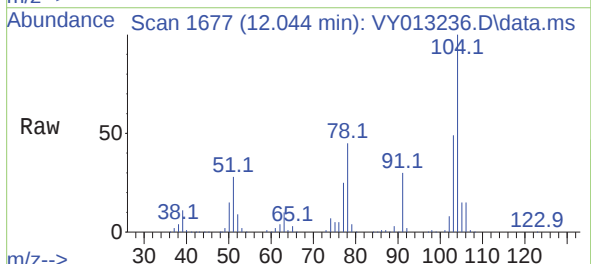
Tgt Ion:104 Resp: 143684

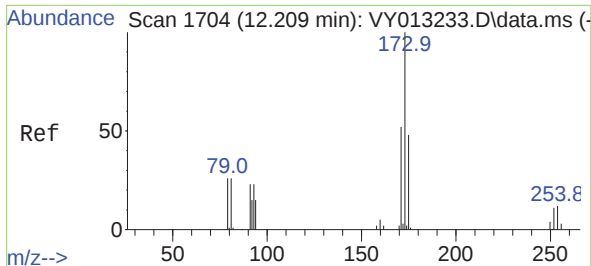
Ion Ratio Lower Upper

104 100

78 50.5 39.2 58.8

103 54.5 43.7 65.5

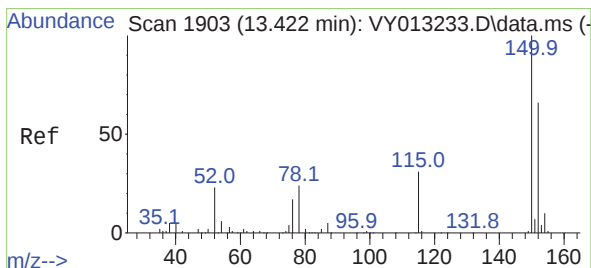
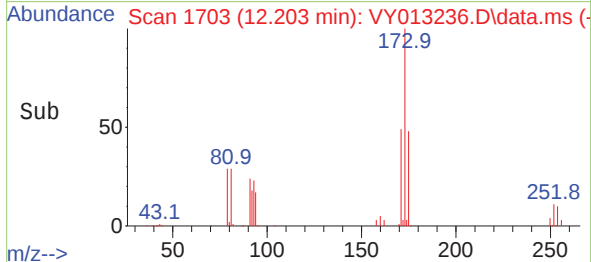
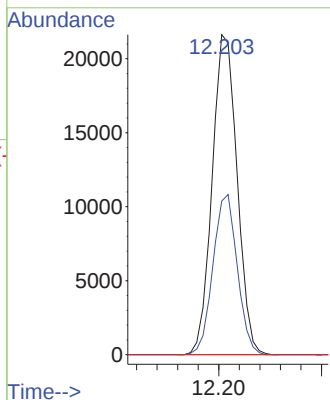
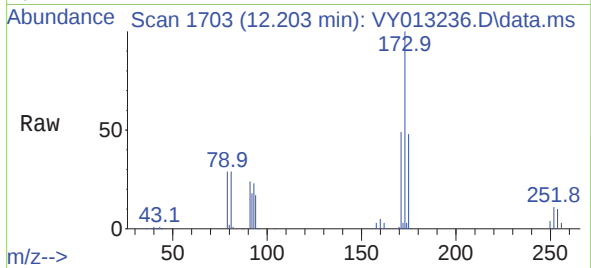




#71
Bromoform
Concen: 50.366 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

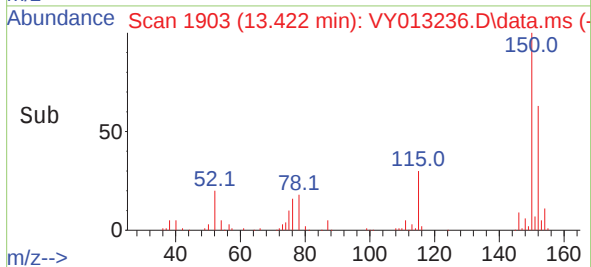
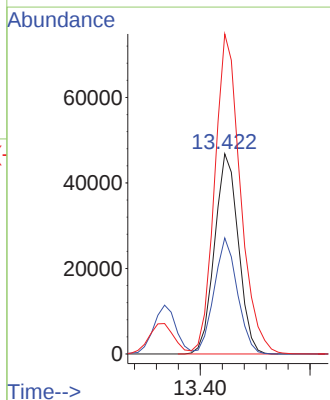
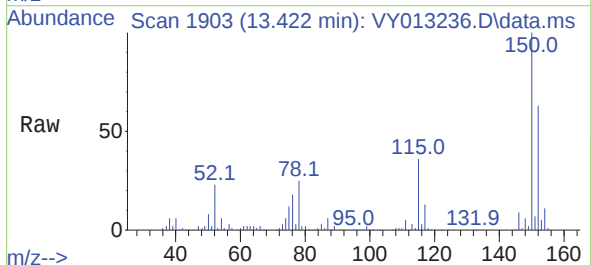
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

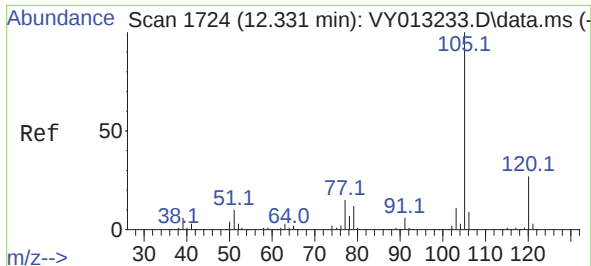
Tgt Ion:173 Resp: 36394
Ion Ratio Lower Upper
173 100
175 48.7 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion:152 Resp: 70485
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 172.7 0.0 347.8

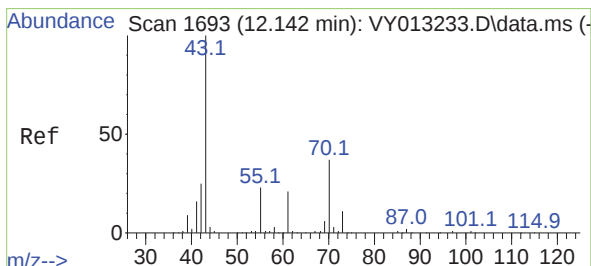
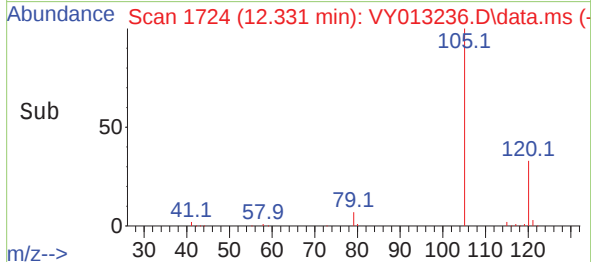
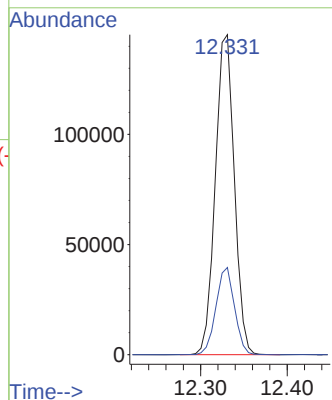
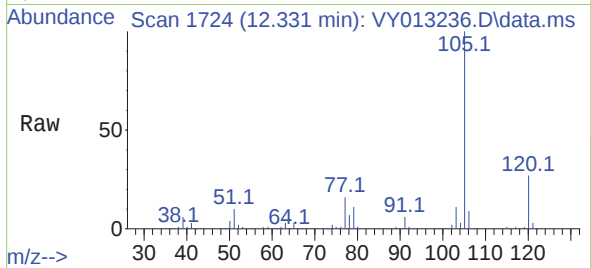




#73
Isopropylbenzene
Concen: 50.050 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

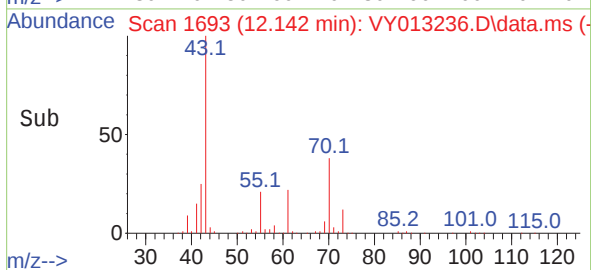
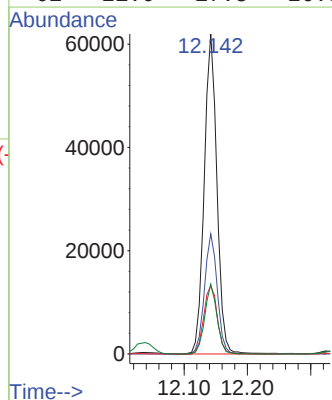
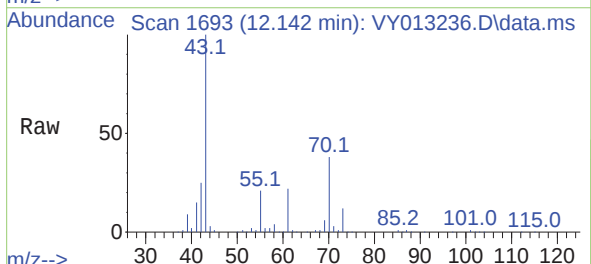
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

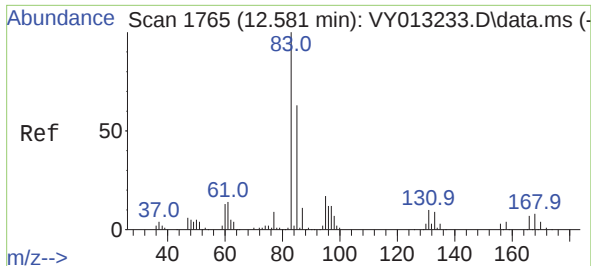
Tgt Ion:105 Resp: 221441
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 51.294 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 43 Resp: 86809
Ion Ratio Lower Upper
43 100
70 37.8 31.6 47.4
55 22.7 18.8 28.2
61 21.0 17.8 26.8

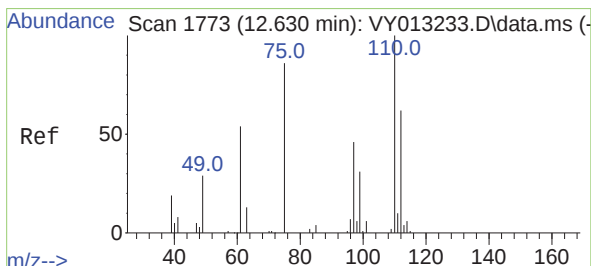
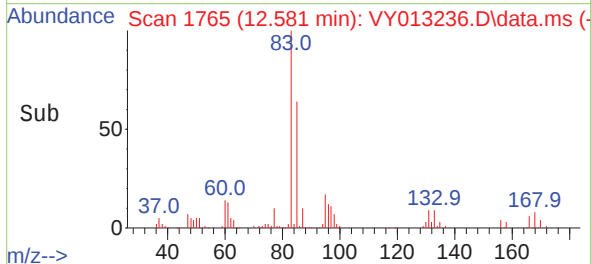
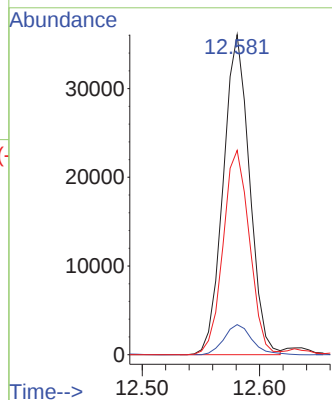
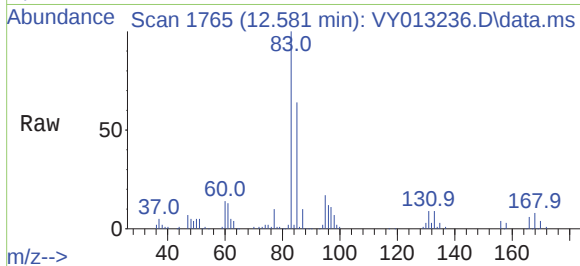




#75
1,1,2,2-Tetrachloroethane
Concen: 47.489 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

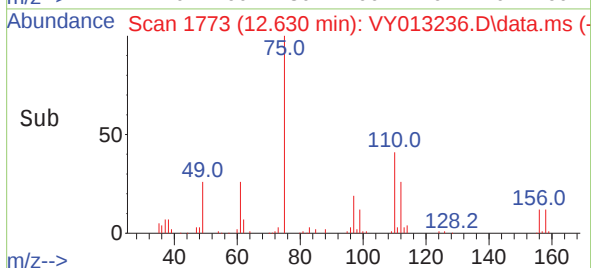
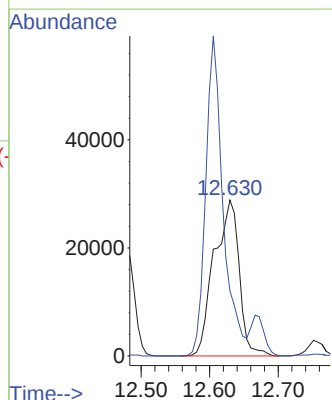
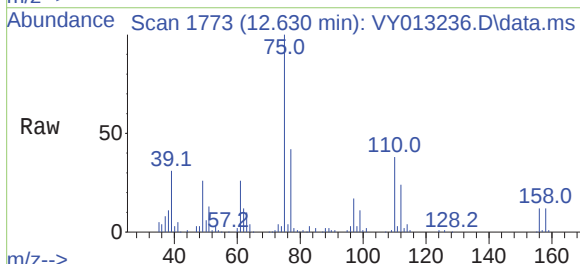
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

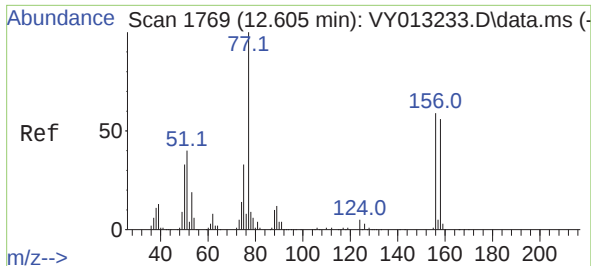
Tgt Ion: 83 Resp: 56165
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 64.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 85.326 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 75 Resp: 73203
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

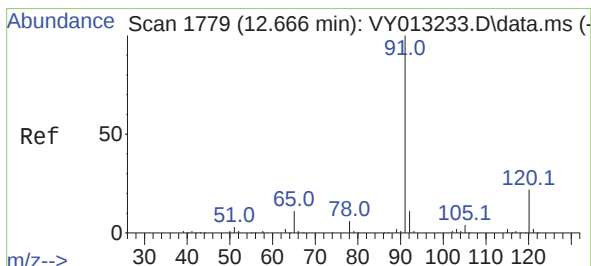
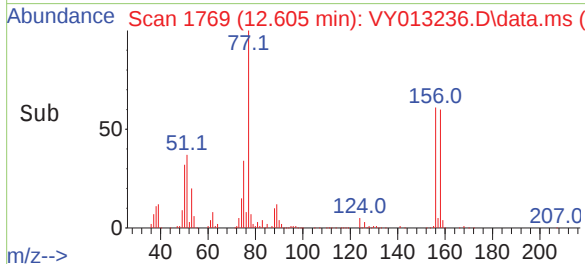
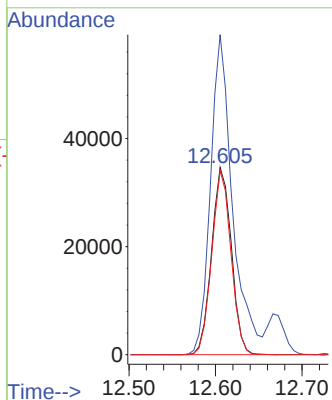
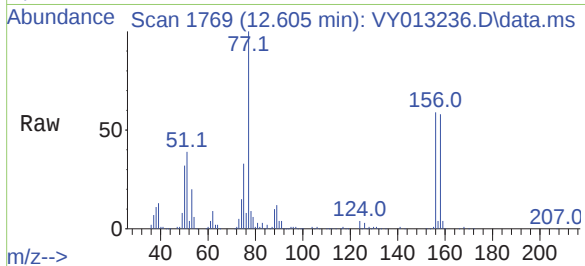




#77
Bromobenzene
Concen: 48.993 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

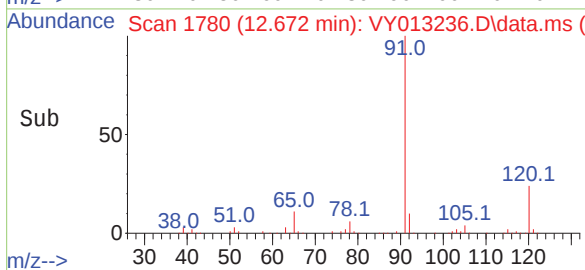
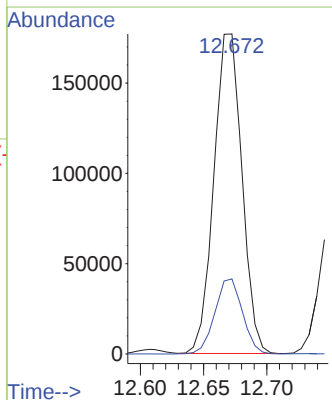
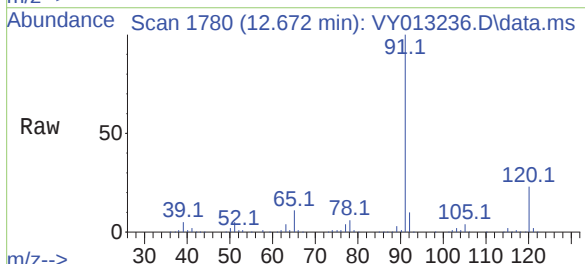
Instrument :
MSVOA_Y
ClientSampleId :
ICVY041123

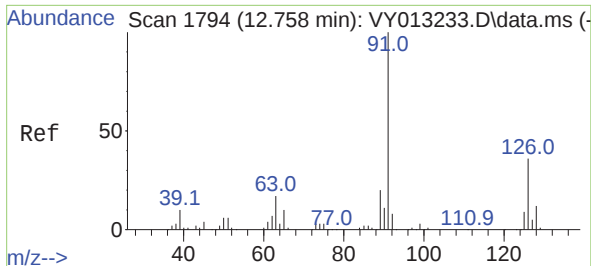
Tgt Ion:156 Resp: 55154
Ion Ratio Lower Upper
156 100
77 189.6 94.0 282.1
158 95.2 48.1 144.4



#78
n-propylbenzene
Concen: 50.105 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 91 Resp: 272882
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 49.846 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

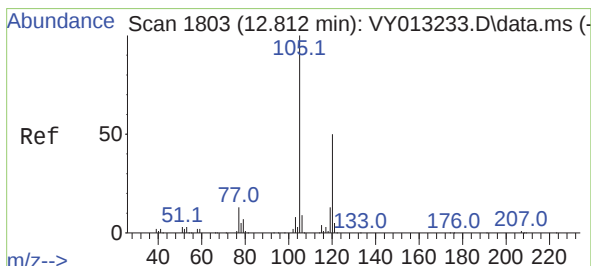
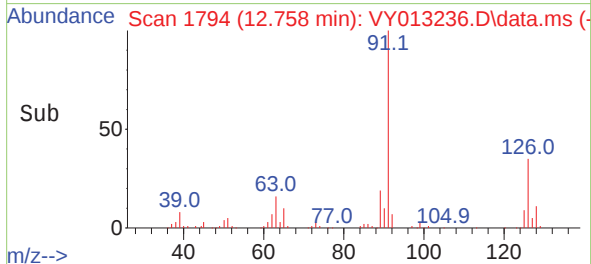
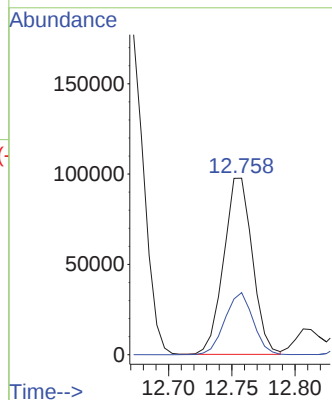
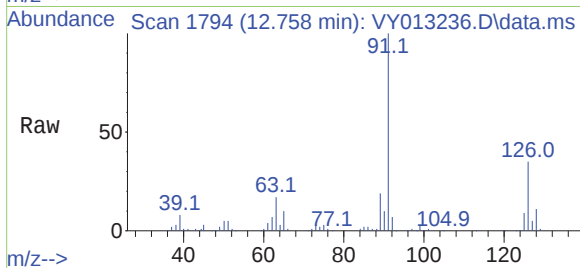
ICVVY041123

Tgt Ion: 91 Resp: 154579

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 50.785 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013236.D

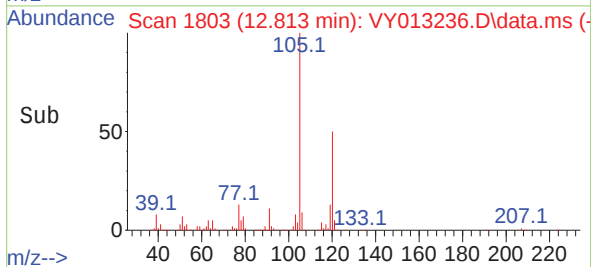
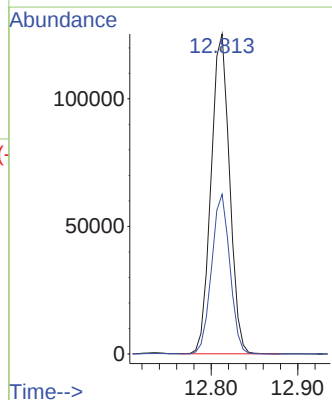
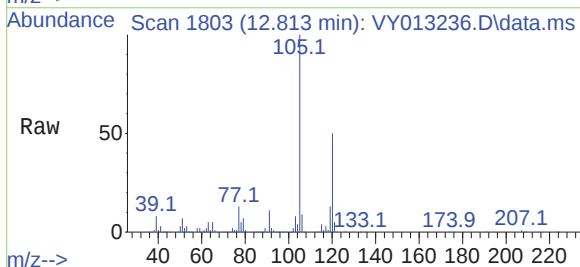
Acq: 10 Apr 2023 19:18

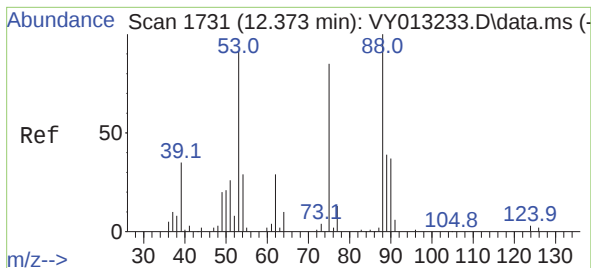
Tgt Ion:105 Resp: 185844

Ion Ratio Lower Upper

105 100

120 49.4 24.8 74.4

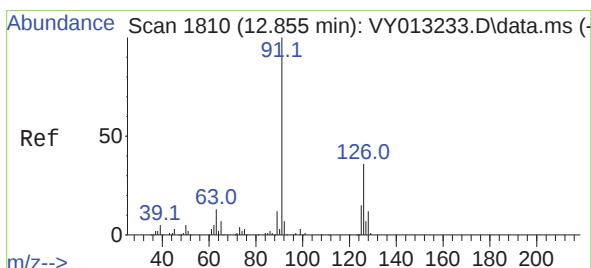
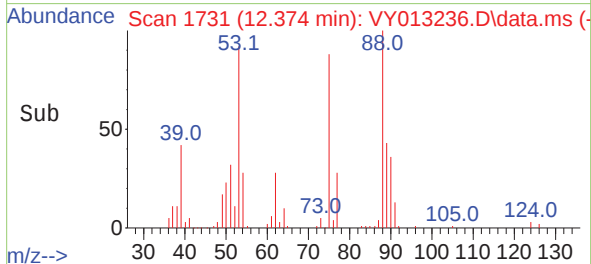
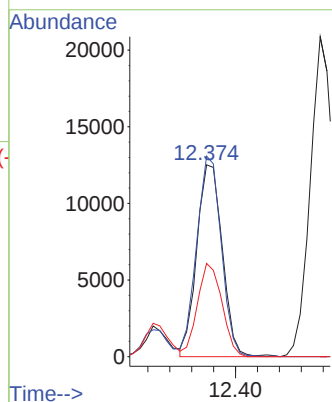
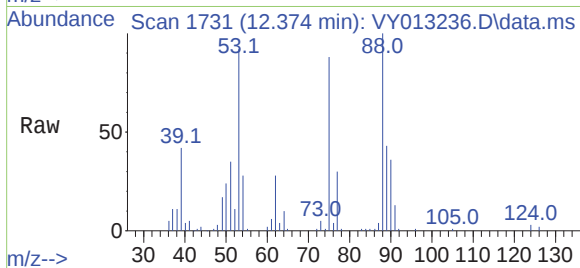




#81
trans-1,4-Dichloro-2-butene
Concen: 48.640 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

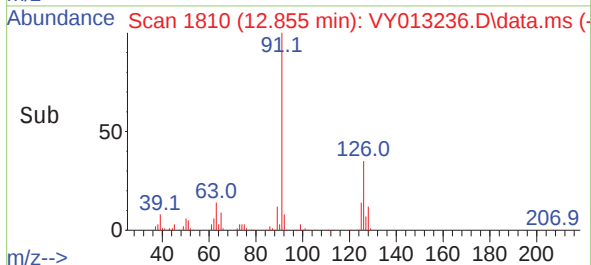
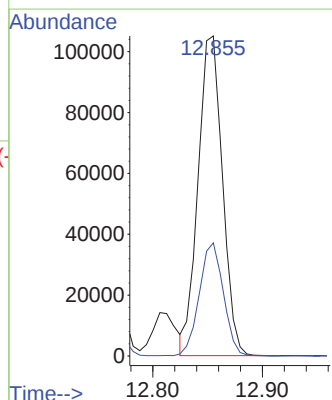
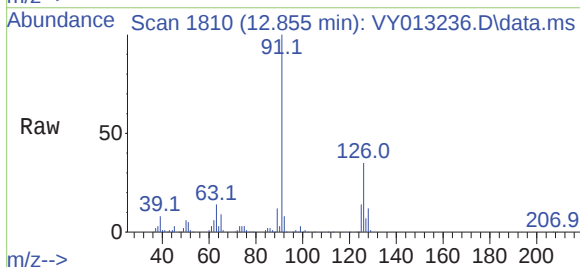
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

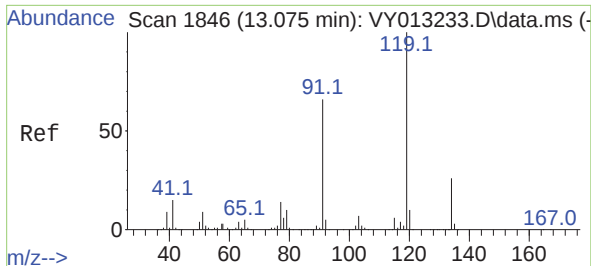
Tgt Ion: 75 Resp: 20235
Ion Ratio Lower Upper
75 100
53 101.6 73.4 110.0
89 46.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 50.219 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion: 91 Resp: 162623
Ion Ratio Lower Upper
91 100
126 35.0 17.7 53.1

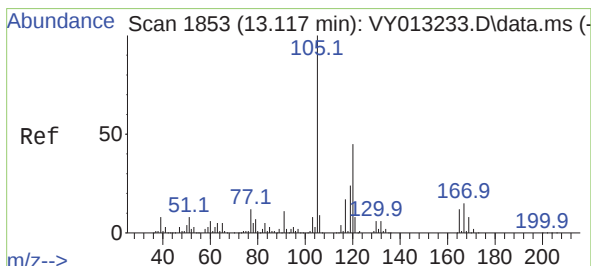
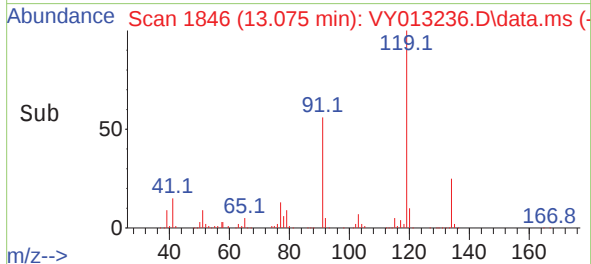
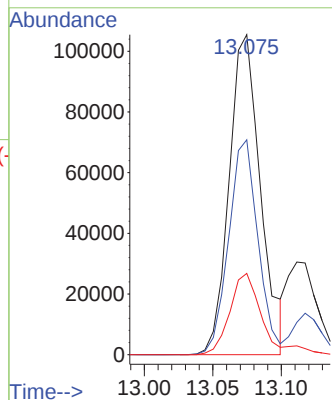
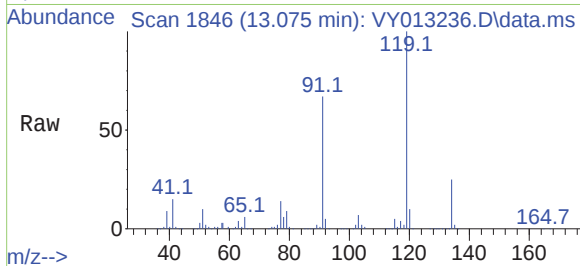




#83
tert-Butylbenzene
Concen: 51.437 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

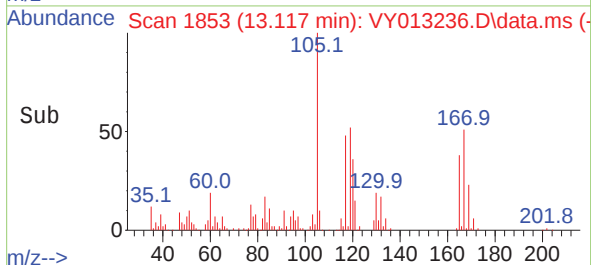
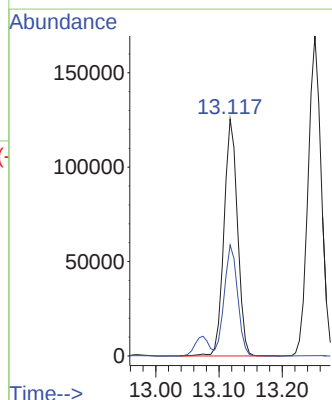
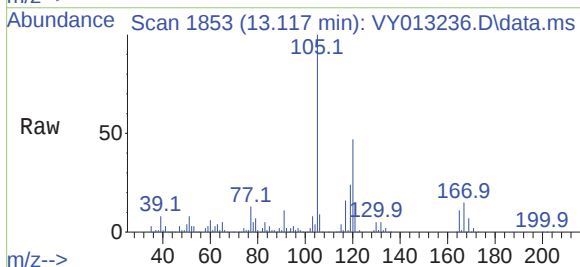
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

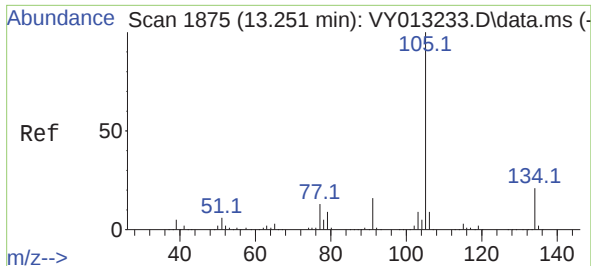
Tgt Ion:119 Resp: 168275
Ion Ratio Lower Upper
119 100
91 62.8 32.8 98.3
134 26.3 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 51.124 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion:105 Resp: 186008
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.940 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

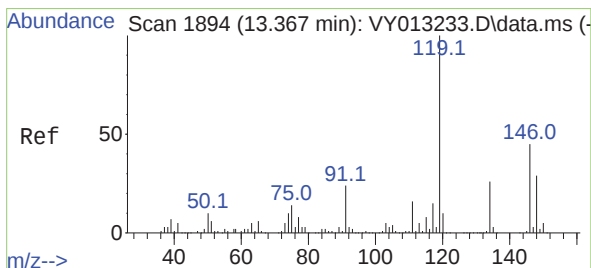
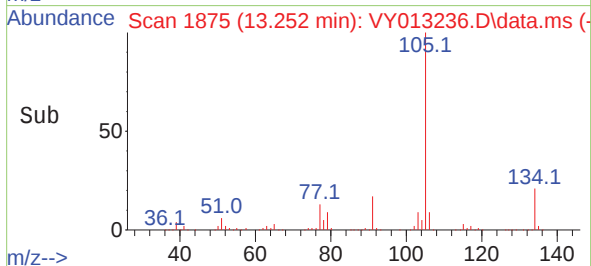
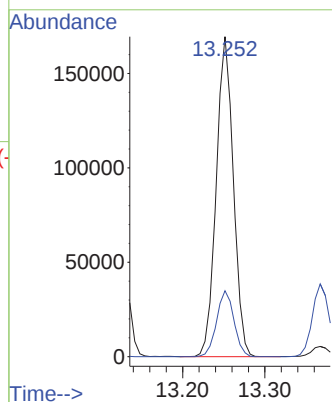
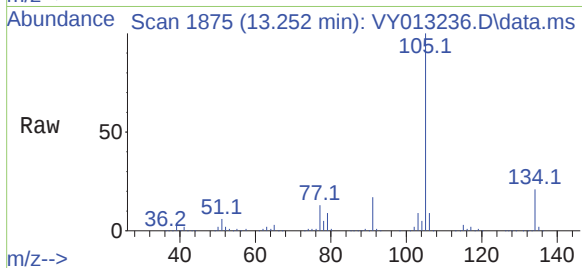
ICVVY041123

Tgt Ion:105 Resp: 244914

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.264 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

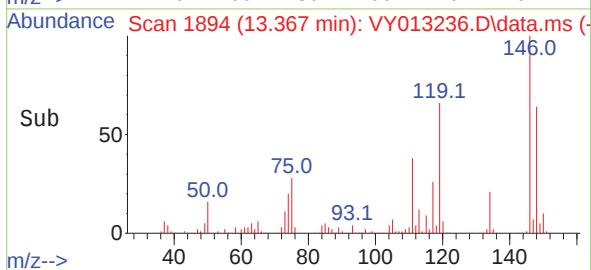
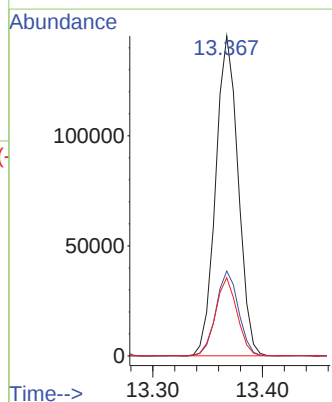
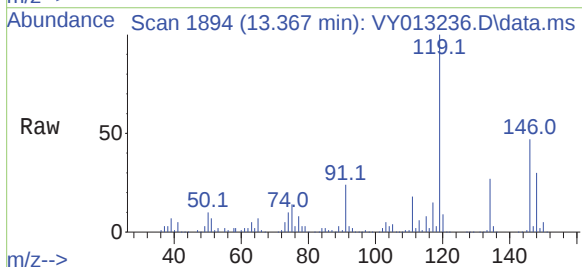
Tgt Ion:119 Resp: 206598

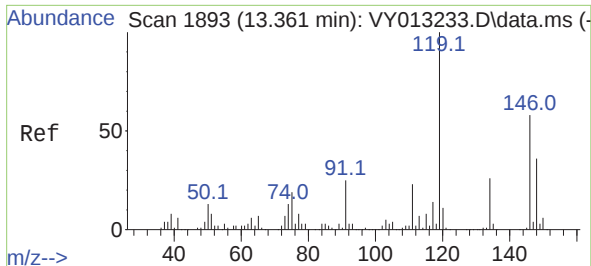
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 23.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 49.458 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041123

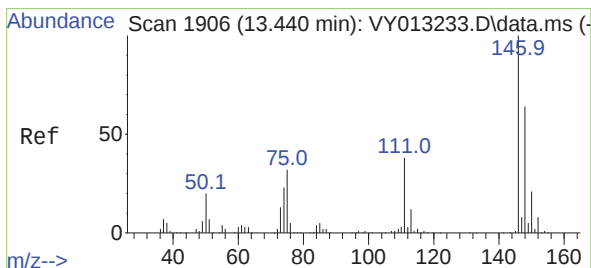
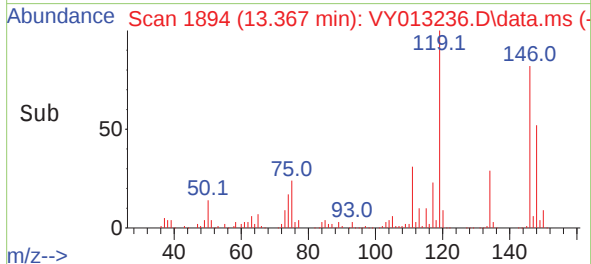
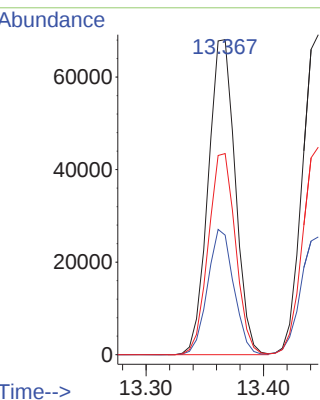
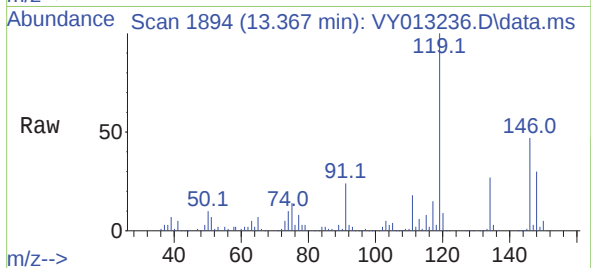
Tgt Ion:146 Resp: 109027

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.632 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

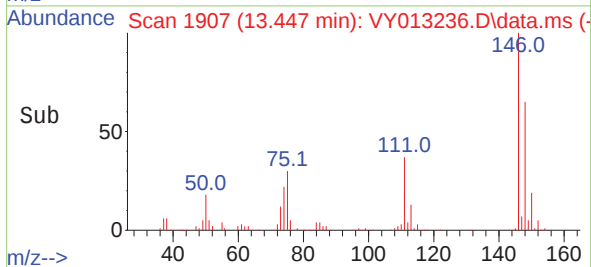
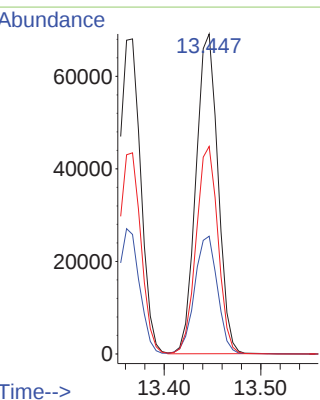
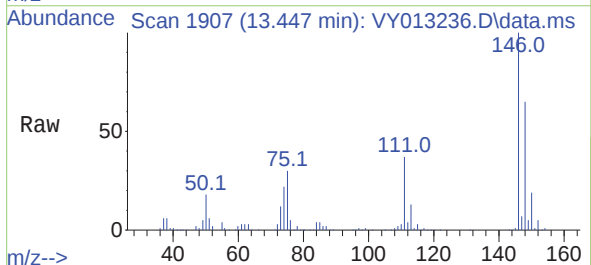
Tgt Ion:146 Resp: 109320

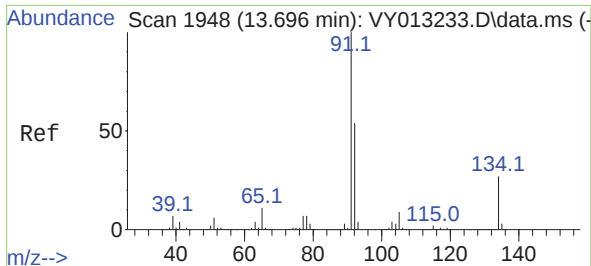
Ion Ratio Lower Upper

146 100

111 38.2 18.6 55.8

148 64.5 31.5 94.5





#89

n-Butylbenzene

Concen: 50.821 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041123

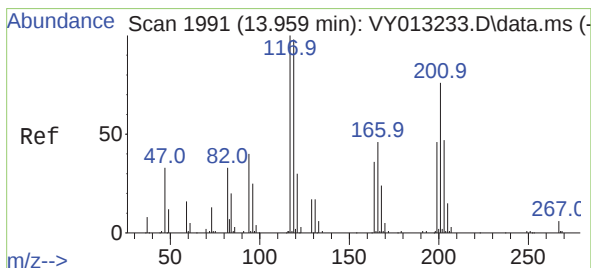
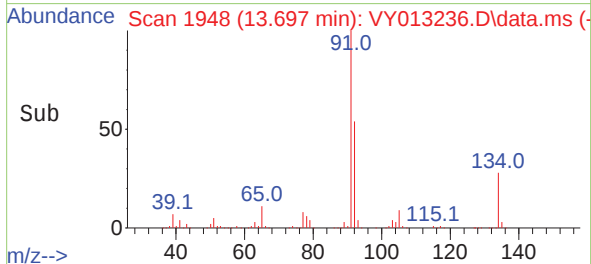
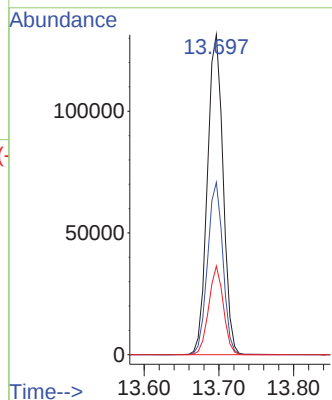
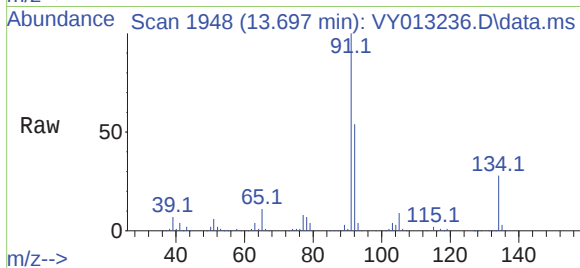
Tgt Ion: 91 Resp: 191979

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 47.320 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013236.D

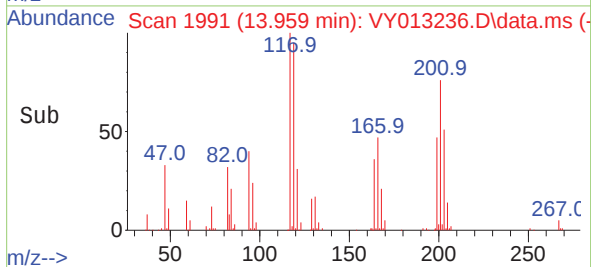
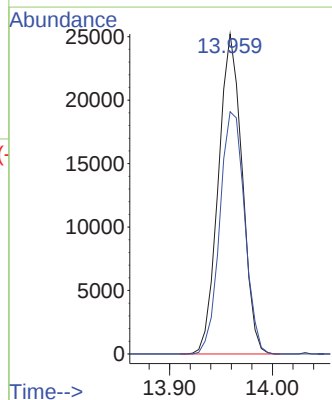
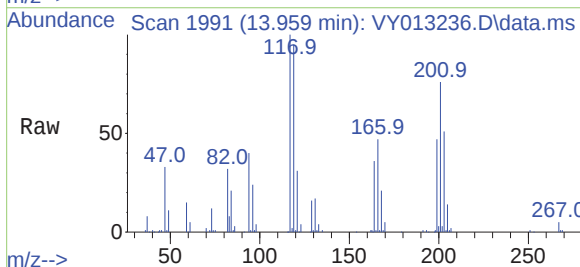
Acq: 10 Apr 2023 19:18

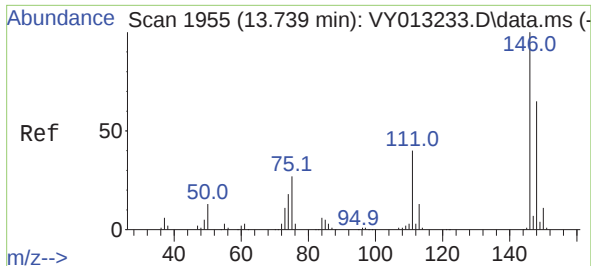
Tgt Ion: 117 Resp: 40431

Ion Ratio Lower Upper

117 100

201 79.1 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 48.978 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY041123

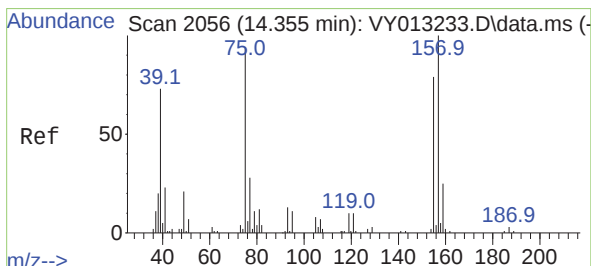
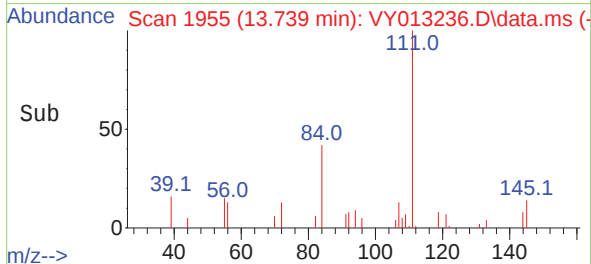
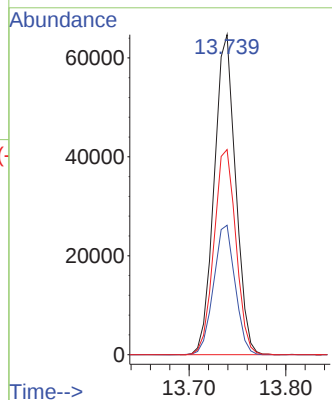
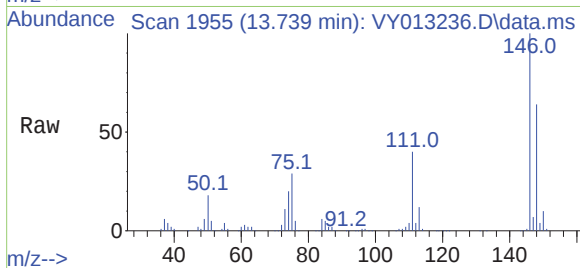
Tgt Ion:146 Resp: 99477

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.1

148 65.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.971 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013236.D

Acq: 10 Apr 2023 19:18

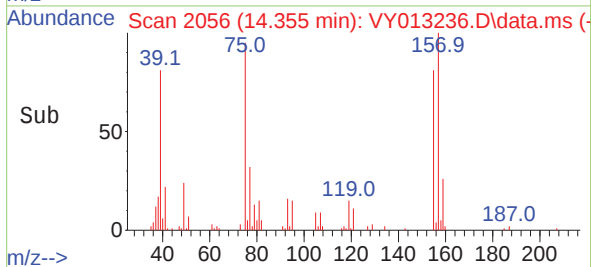
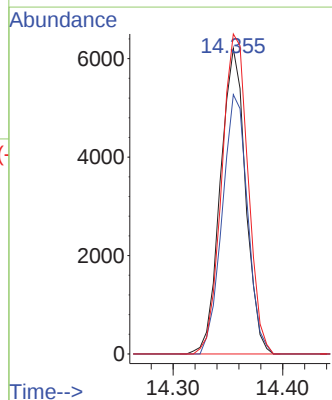
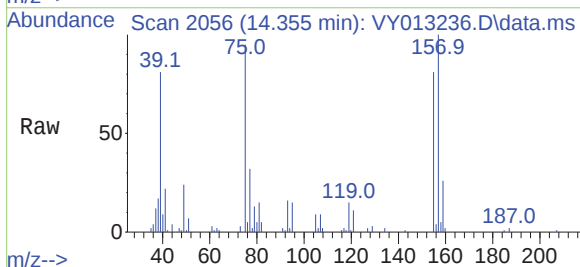
Tgt Ion: 75 Resp: 9910

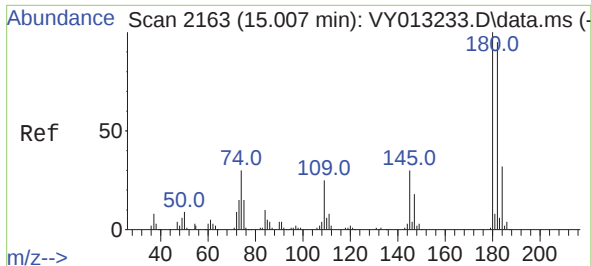
Ion Ratio Lower Upper

75 100

155 85.3 43.8 131.4

157 109.0 54.1 162.3

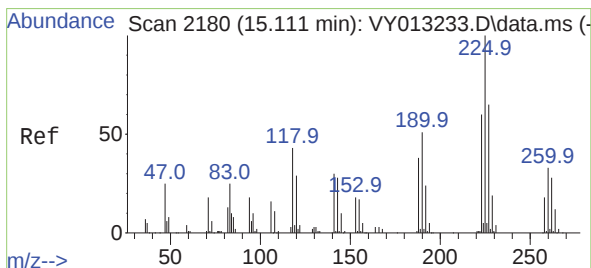
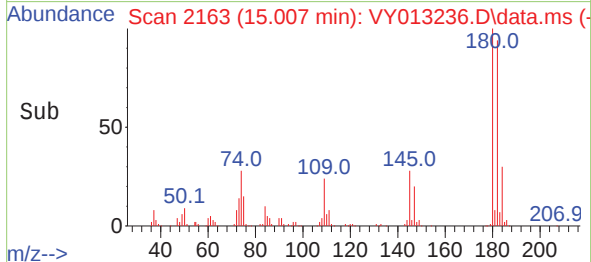
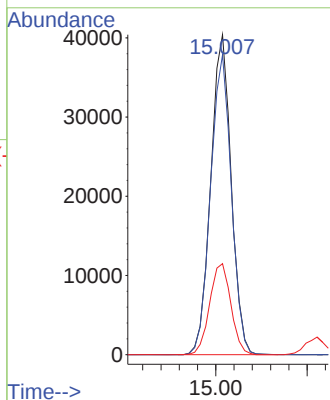
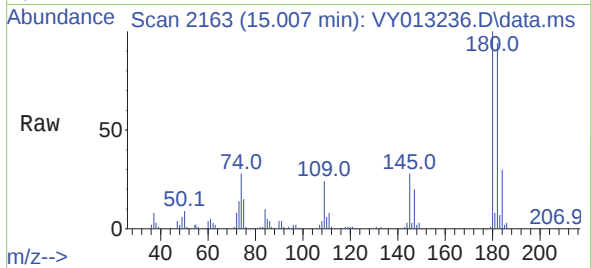




#93
1,2,4-Trichlorobenzene
Concen: 49.939 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

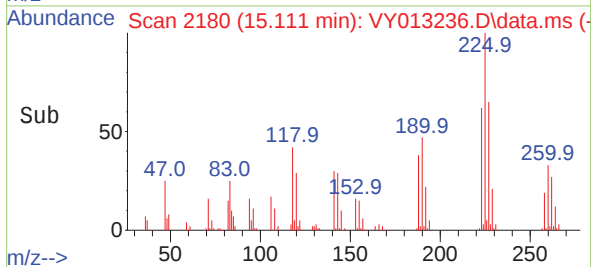
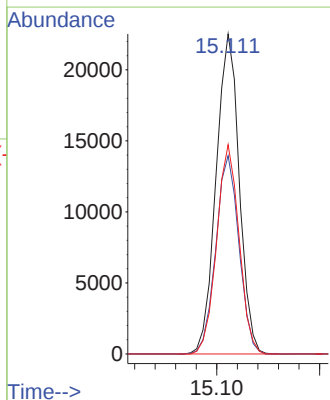
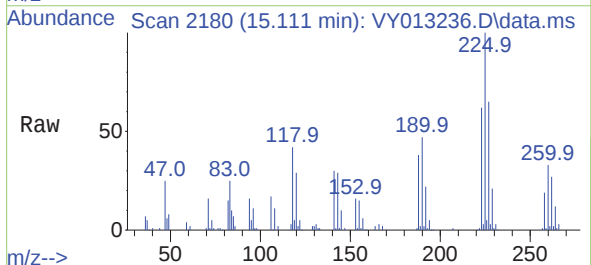
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

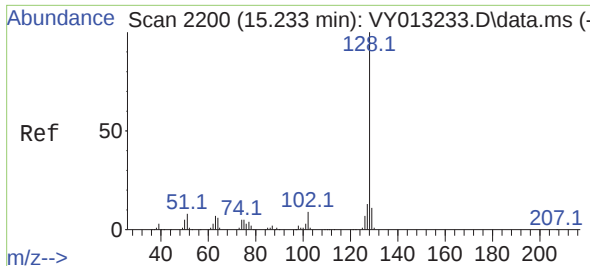
Tgt Ion:180 Resp: 62585
Ion Ratio Lower Upper
180 100
182 95.3 46.7 140.1
145 29.6 14.6 43.8



#94
Hexachlorobutadiene
Concen: 47.475 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion:225 Resp: 35132
Ion Ratio Lower Upper
225 100
223 61.8 31.1 93.3
227 63.2 32.4 97.0

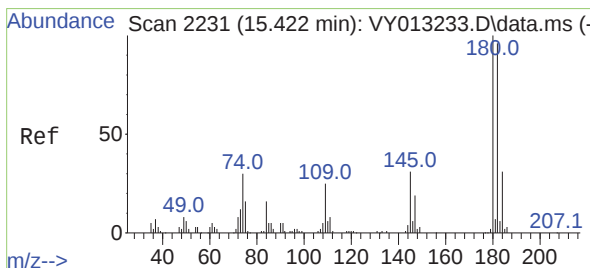
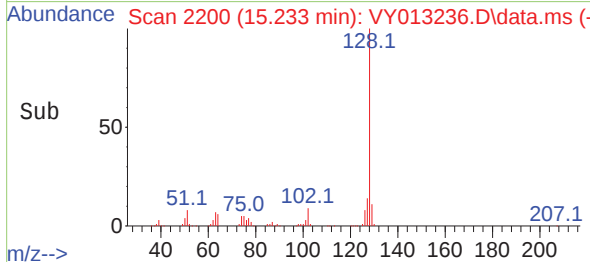
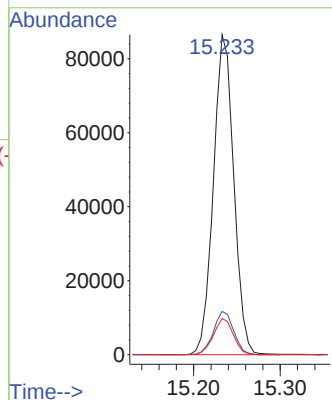
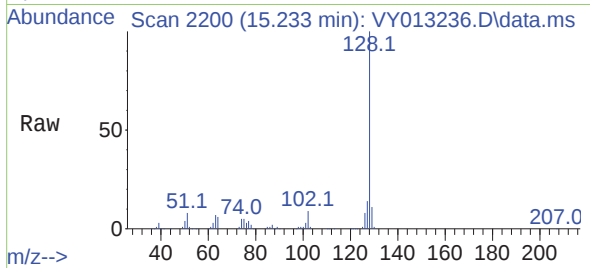




#95
Naphthalene
Concen: 50.092 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041123

Tgt Ion:	128	Resp:	141393
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.896 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013236.D
Acq: 10 Apr 2023 19:18

Tgt Ion:	180	Resp:	58369
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.3
145	30.7	15.3	45.8

