

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013221.D
 Acq On : 07 Apr 2023 17:44
 Operator : KP/MD
 Sample : VSTDCCC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 07 23:04:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 07 22:57:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	84550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	115525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21797	23.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	46.180%#
35) Dibromofluoromethane	7.715	113	18456	22.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.040%#
50) Toluene-d8	10.178	98	65503	21.604	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	43.200%#
62) 4-Bromofluorobenzene	12.477	95	22004	21.089	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	42.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	18228	23.923	ug/l	94
3) Chloromethane	2.107	50	25962	40.814	ug/l	98
4) Vinyl Chloride	2.247	62	20008	24.528	ug/l	97
5) Bromomethane	2.643	94	11993	21.240	ug/l	89
6) Chloroethane	2.783	64	15398	28.956	ug/l	99
7) Trichlorofluoromethane	3.119	101	31293	22.320	ug/l	99
8) Diethyl Ether	3.527	74	10787	21.105	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	18254	22.046	ug/l	97
10) Methyl Iodide	4.082	142	19502	18.323	ug/l	95
11) Tert butyl alcohol	4.942	59	23118	143.092	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	16500	21.230	ug/l	97
13) Acrolein	3.722	56	10163	106.620	ug/l	99
14) Allyl chloride	4.478	41	32711	25.730	ug/l	94
15) Acrylonitrile	5.155	53	31863	119.817	ug/l	99
16) Acetone	3.942	43	34795	108.637	ug/l	93
17) Carbon Disulfide	4.192	76	50398	22.692	ug/l	99
18) Methyl Acetate	4.472	43	24954	26.483	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	52024	22.287	ug/l	99
20) Methylene Chloride	4.710	84	24908	22.331	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	19099	22.149	ug/l	99
22) Diisopropyl ether	6.112	45	68807	26.844	ug/l	93
23) Vinyl Acetate	6.057	43	207152	128.588	ug/l	98
24) 1,1-Dichloroethane	6.015	63	36902	24.541	ug/l	100
25) 2-Butanone	6.984	43	48088	116.411	ug/l	99
26) 2,2-Dichloropropane	6.972	77	33489	21.420	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	21168	21.316	ug/l	93
28) Bromochloromethane	7.331	49	15924	26.095	ug/l	96
29) Tetrahydrofuran	7.344	42	29680	126.292	ug/l	96
30) Chloroform	7.502	83	37295	22.818	ug/l	98
31) Cyclohexane	7.783	56	31377	23.824	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	34145	22.371	ug/l	97
36) 1,1-Dichloropropene	7.917	75	26377	21.296	ug/l	99
37) Ethyl Acetate	7.069	43	20869	24.846	ug/l	98
38) Carbon Tetrachloride	7.898	117	32048	21.649	ug/l	98
39) Methylcyclohexane	9.179	83	30369	20.748	ug/l	92
40) Benzene	8.154	78	81057	22.436	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	27944	66.071	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	27914	22.515	ug/l	97
43) Isopropyl Acetate	8.270	43	36005	24.066	ug/l	98
44) Trichloroethene	8.935	130	20636	20.487	ug/l	97
45) 1,2-Dichloropropane	9.209	63	20540	23.664	ug/l	95
46) Dibromomethane	9.301	93	11947	21.639	ug/l	97
47) Bromodichloromethane	9.490	83	29466	22.436	ug/l	98
48) Methyl methacrylate	9.288	41	16022	23.526	ug/l	93
49) 1,4-Dioxane	9.294	88	2854	367.137	ug/l	93
51) 4-Methyl-2-Pentanone	10.063	43	101773	122.653	ug/l	97
52) Toluene	10.239	92	49022	21.468	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	30052	21.589	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	31964	21.683	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	16382	21.708	ug/l	97
56) Ethyl methacrylate	10.508	69	20857	20.181	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	28655	22.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	52613	115.637	ug/l	99
59) 2-Hexanone	10.831	43	71747	117.154	ug/l	95
60) Dibromochloromethane	10.983	129	20640	21.067	ug/l	99
61) 1,2-Dibromoethane	11.087	107	15971	21.172	ug/l	99
64) Tetrachloroethene	10.715	164	18144	19.761	ug/l	98
65) Chlorobenzene	11.514	112	53946	21.100	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	20491	20.766	ug/l	99
67) Ethyl Benzene	11.593	91	93358	21.383	ug/l	97
68) m/p-Xylenes	11.696	106	73592	42.848	ug/l	99
69) o-Xylene	12.026	106	33098	20.508	ug/l	99
70) Styrene	12.044	104	57896	21.230	ug/l	99
71) Bromoform	12.203	173	13753	20.107	ug/l #	97
73) Isopropylbenzene	12.324	105	90265	20.735	ug/l	100
74) N-amyl acetate	12.142	43	31075	23.232	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	21530	22.129	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	27603	38.195	ug/l #	100
77) Bromobenzene	12.605	156	22103	19.769	ug/l	100
78) n-propylbenzene	12.672	91	112335	21.540	ug/l	99
79) 2-Chlorotoluene	12.751	91	63195	21.341	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	75506	20.567	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	7615	21.826	ug/l	93
82) 4-Chlorotoluene	12.849	91	66976	21.464	ug/l	99
83) tert-Butylbenzene	13.074	119	66285	20.173	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	73965	20.448	ug/l	99
85) sec-Butylbenzene	13.251	105	98698	20.963	ug/l	100
86) p-Isopropyltoluene	13.367	119	82688	20.447	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	44638	20.337	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	45862	20.750	ug/l	98
89) n-Butylbenzene	13.696	91	76171	21.033	ug/l	99
90) Hexachloroethane	13.958	117	16820	21.055	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	41486	20.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3880	20.902	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	23431	18.764	ug/l	98
94) Hexachlorobutadiene	15.104	225	14356	18.704	ug/l	97
95) Naphthalene	15.232	128	47835	17.933	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	21686	18.551	ug/l	99

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ClientSampleId :
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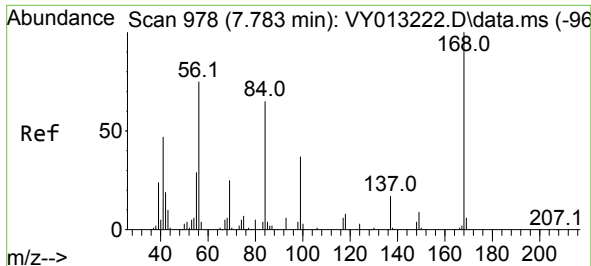
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Response via : Initial Calibration

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

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MSVOA_Y
ClientSampleId :
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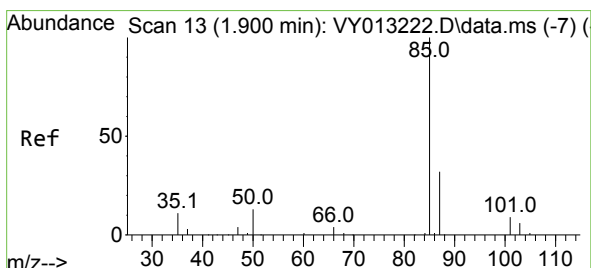
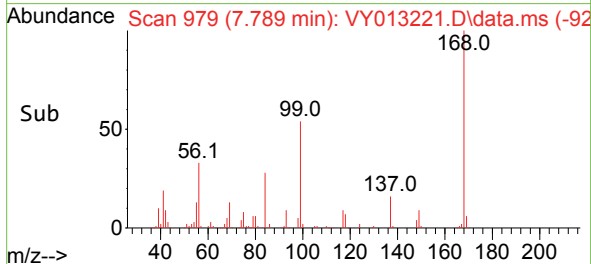
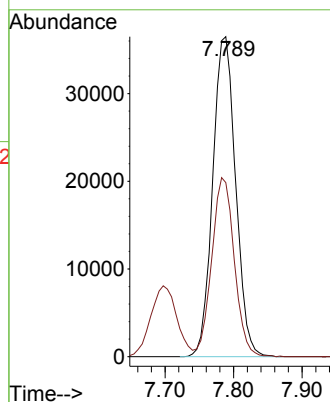
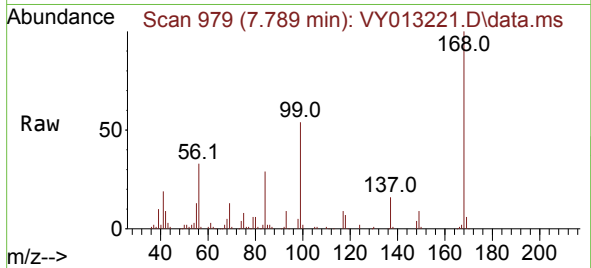
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

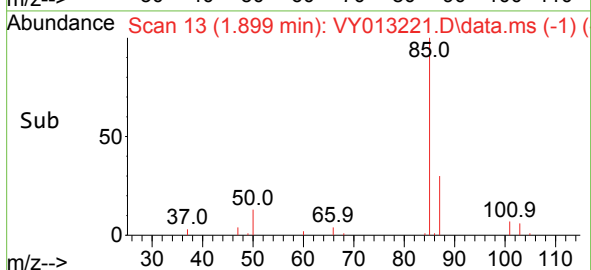
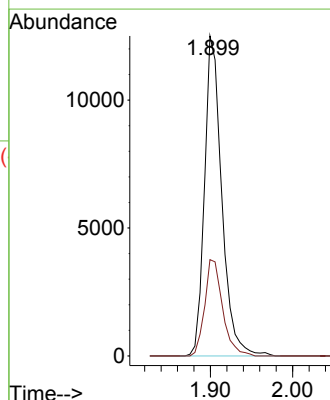
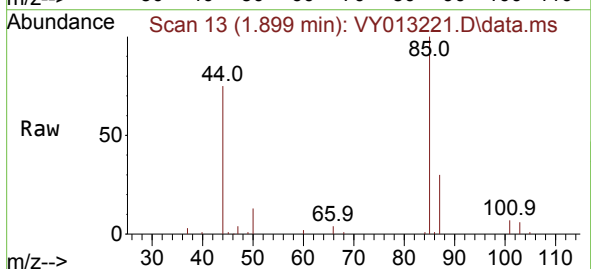
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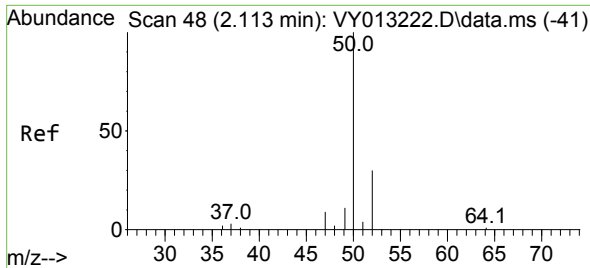
Tgt Ion:168 Resp: 84550
Ion Ratio Lower Upper
168 100
99 54.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 23.923 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 85 Resp: 18228
Ion Ratio Lower Upper
85 100
87 30.1 16.7 50.0

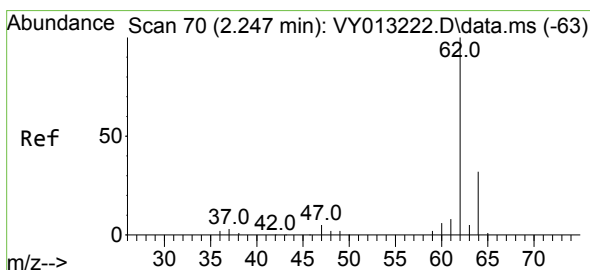
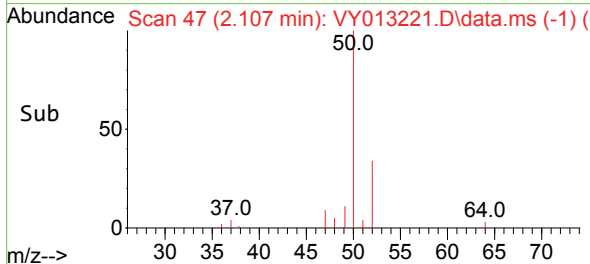
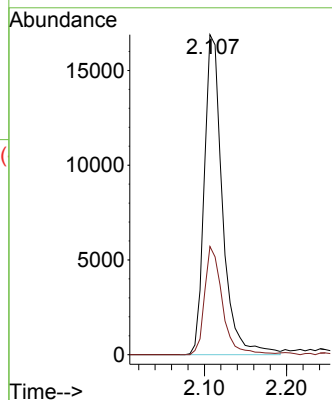
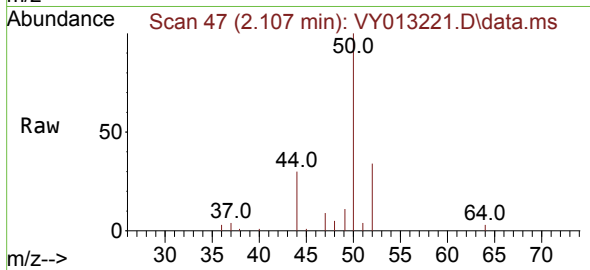




#3
Chloromethane
Concen: 40.814 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

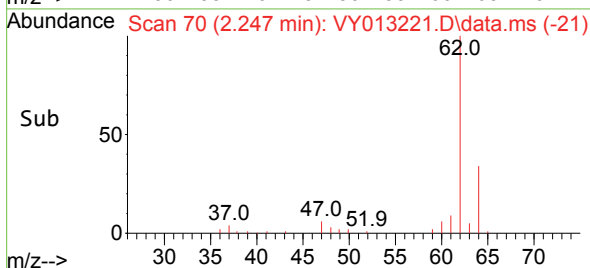
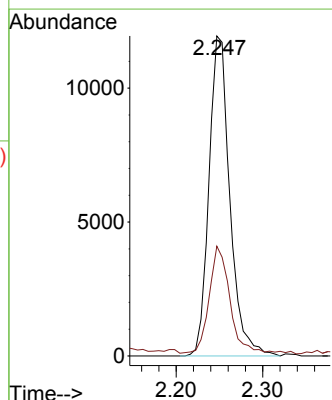
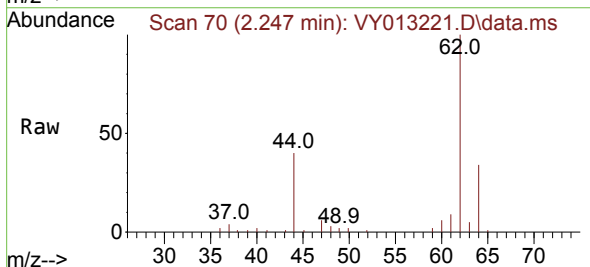
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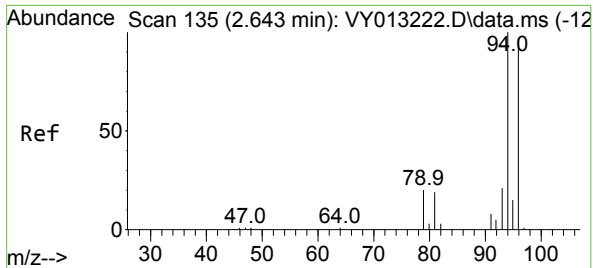
Tgt Ion: 50 Resp: 25962
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0



#4
Vinyl Chloride
Concen: 24.528 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 62 Resp: 20008
Ion Ratio Lower Upper
62 100
64 33.4 25.6 38.4

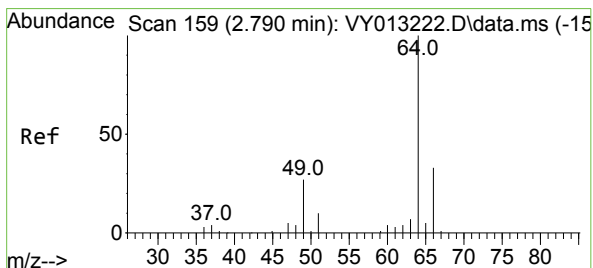
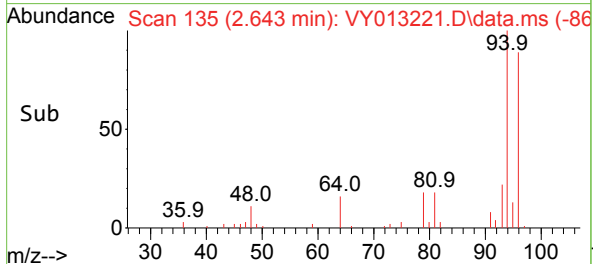
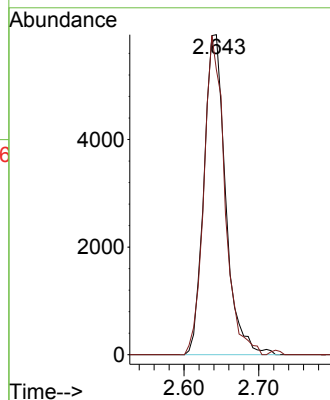
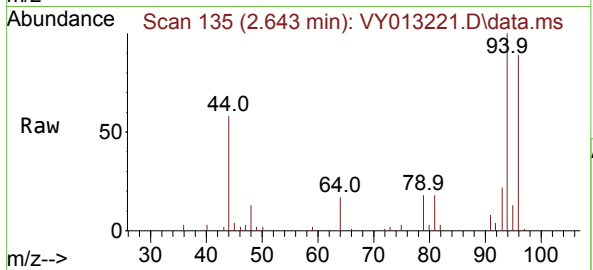




#5
Bromomethane
Concen: 21.240 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

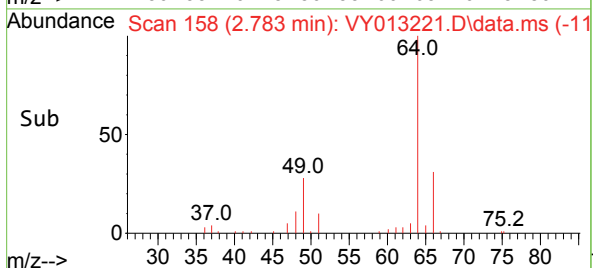
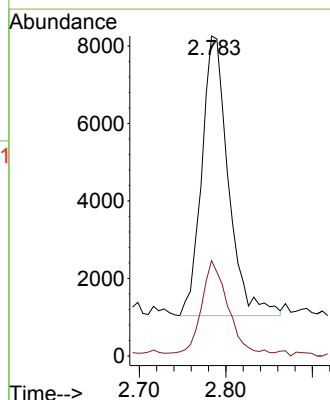
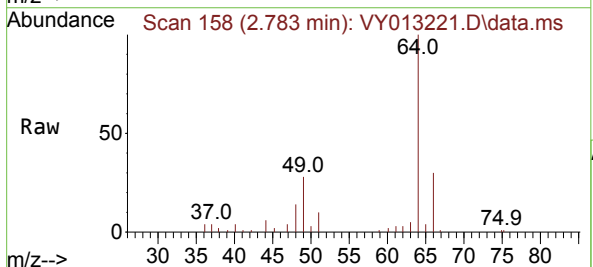
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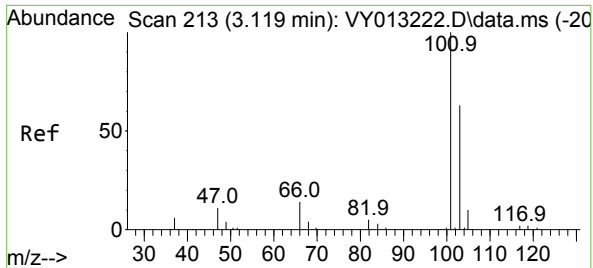
Tgt Ion: 94 Resp: 11993
Ion Ratio Lower Upper
94 100
96 89.1 80.3 120.5



#6
Chloroethane
Concen: 28.956 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 64 Resp: 15398
Ion Ratio Lower Upper
64 100
66 32.6 25.7 38.5

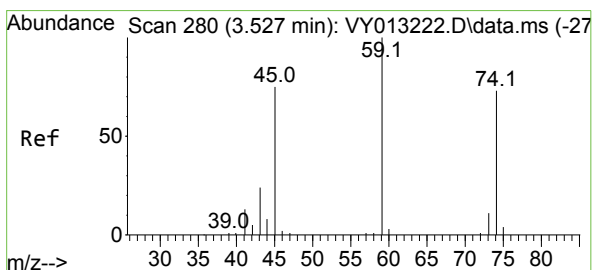
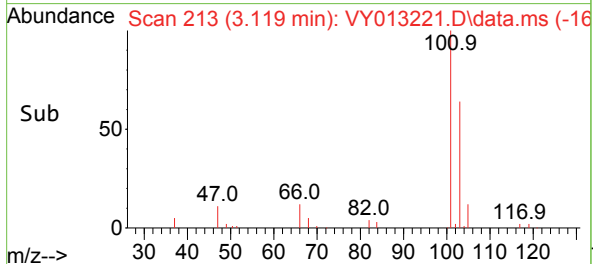
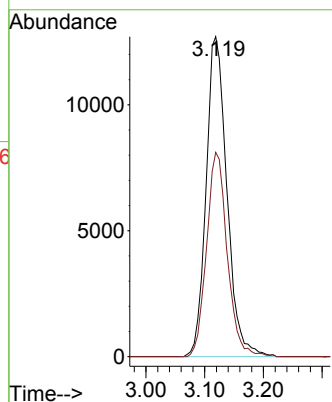
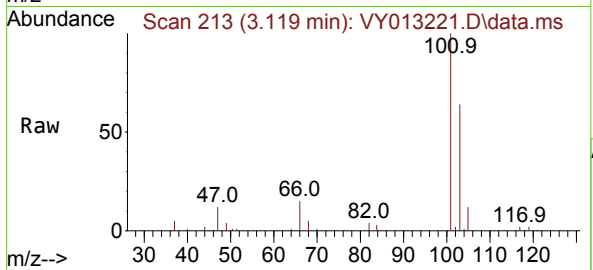




#7
 Trichlorofluoromethane
 Concen: 22.320 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY013221.D
 Acq: 07 Apr 2023 17:44

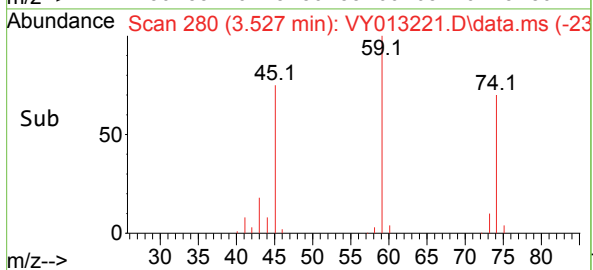
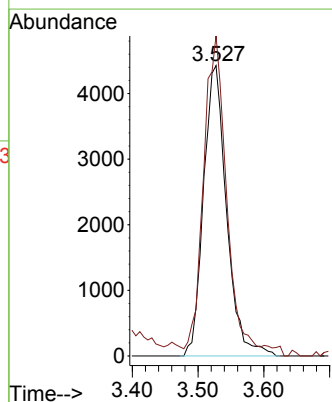
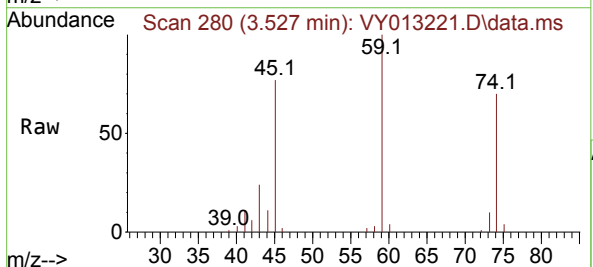
Instrument :
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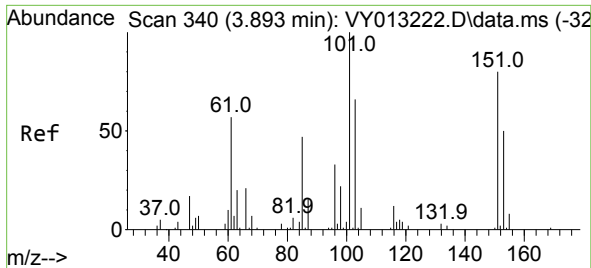
Tgt Ion:101 Resp: 31293
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.105 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY013221.D
 Acq: 07 Apr 2023 17:44

Tgt Ion: 74 Resp: 10787
 Ion Ratio Lower Upper
 74 100
 45 104.6 52.1 156.4

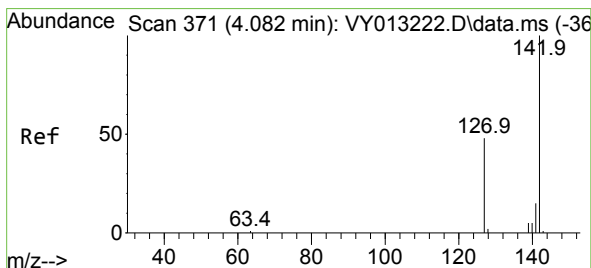
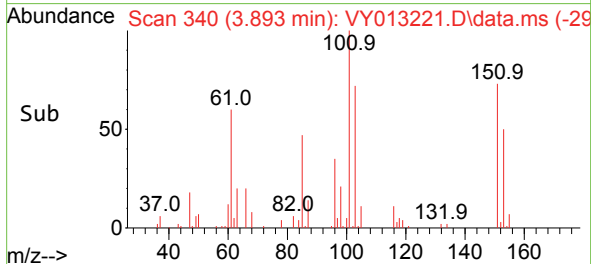
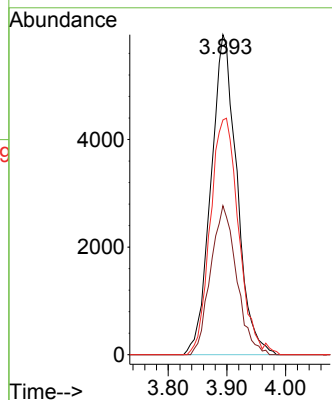
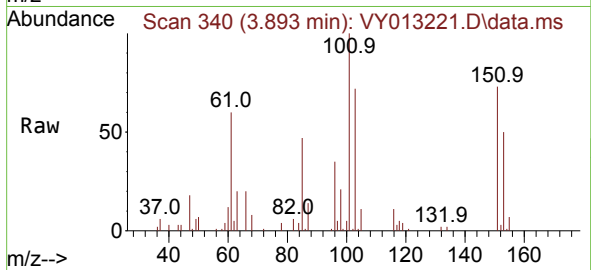




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.046 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY013221.D
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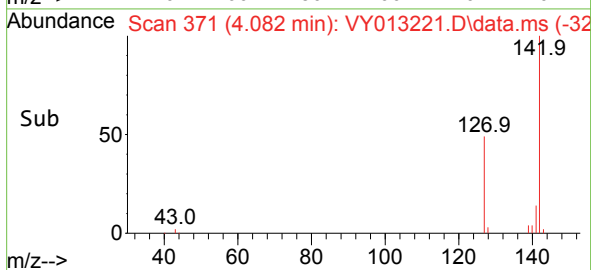
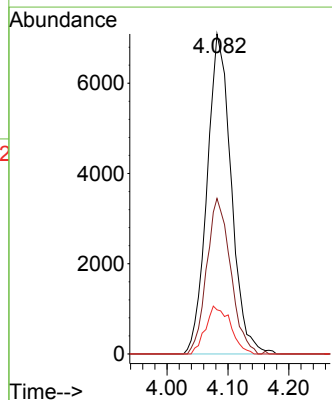
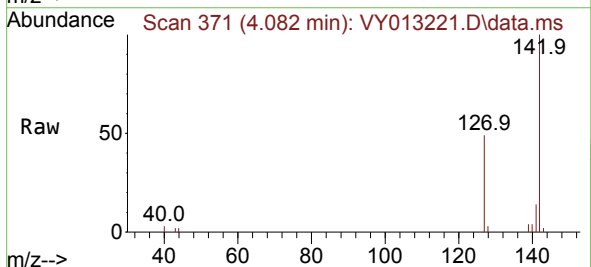
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

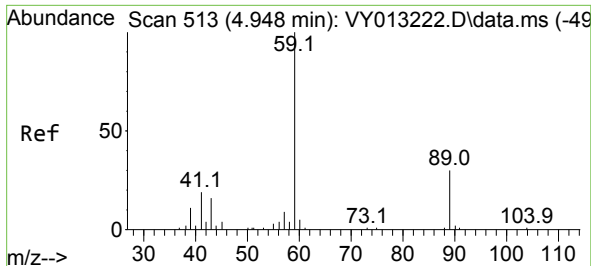
Tgt Ion:101 Resp: 18254
Ion Ratio Lower Upper
101 100
85 46.6 35.3 52.9
151 80.6 63.1 94.7



#10
Methyl Iodide
Concen: 18.323 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion:142 Resp: 19502
Ion Ratio Lower Upper
142 100
127 48.1 35.4 53.2
141 15.5 11.3 16.9

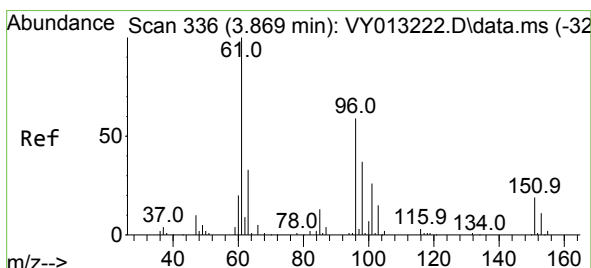
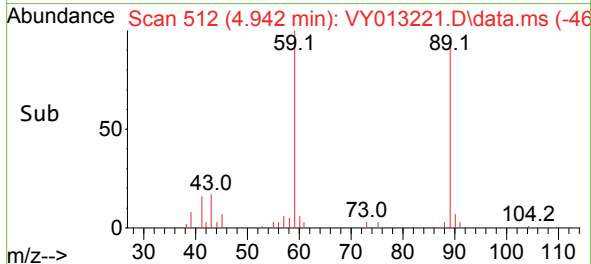
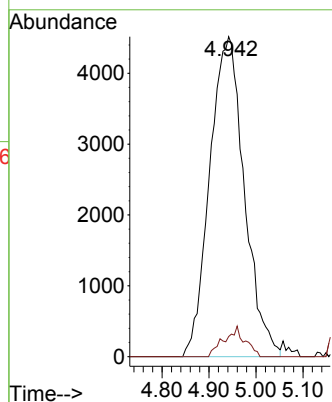
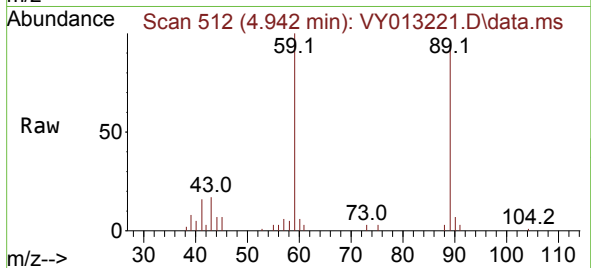




#11
Tert butyl alcohol
Concen: 143.092 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

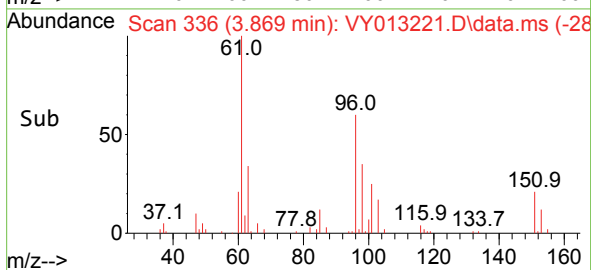
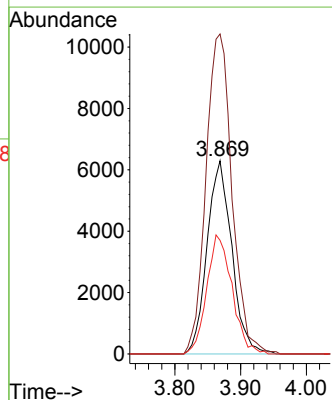
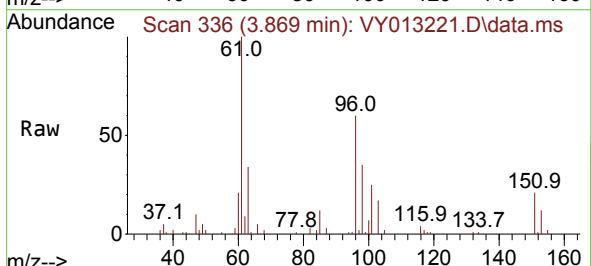
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

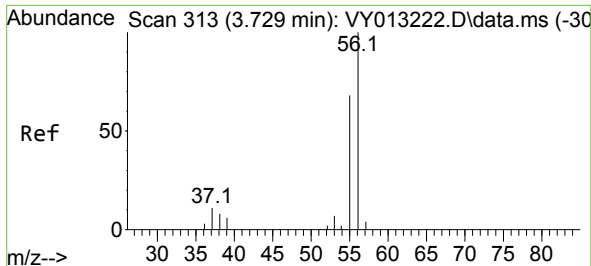
Tgt Ion: 59 Resp: 23118
Ion Ratio Lower Upper
59 100
57 5.7 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 21.230 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 96 Resp: 16500
Ion Ratio Lower Upper
96 100
61 165.6 131.7 197.5
98 58.8 52.0 78.0





#13

Acrolein

Concen: 106.620 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

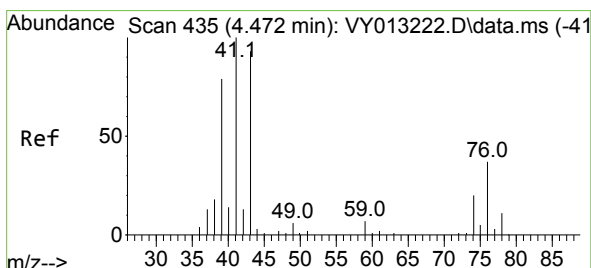
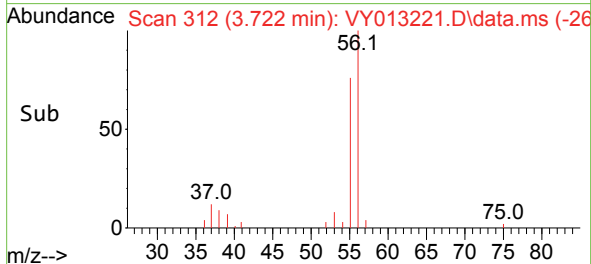
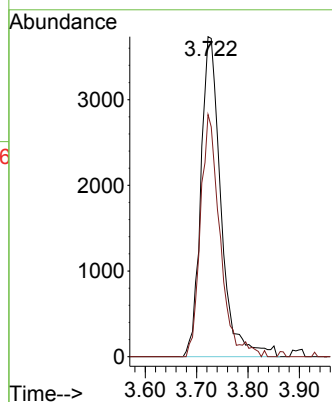
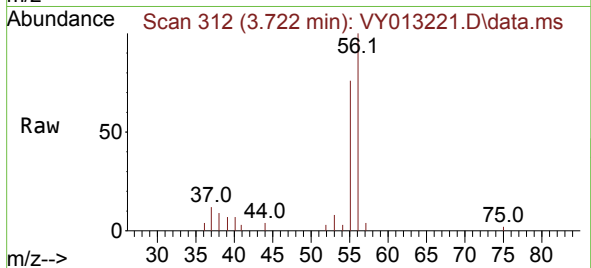
VSTDICC020

Tgt Ion: 56 Resp: 10163

Ion Ratio Lower Upper

56 100

55 71.4 56.8 85.2



#14

Allyl chloride

Concen: 25.730 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

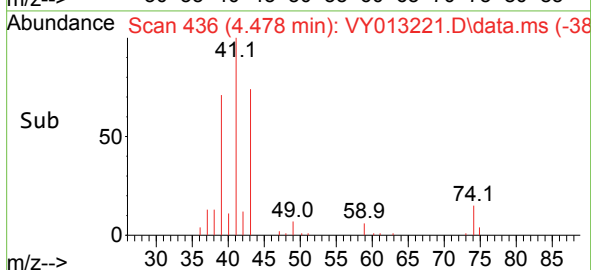
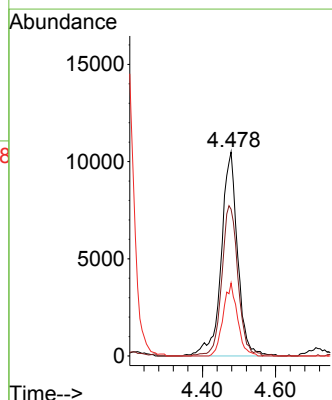
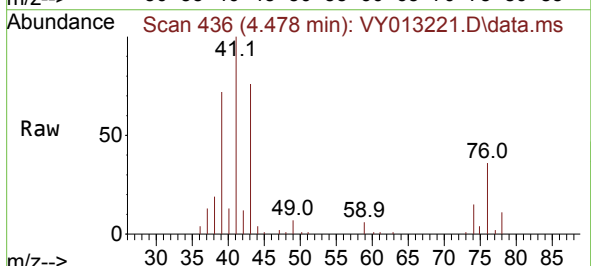
Tgt Ion: 41 Resp: 32711

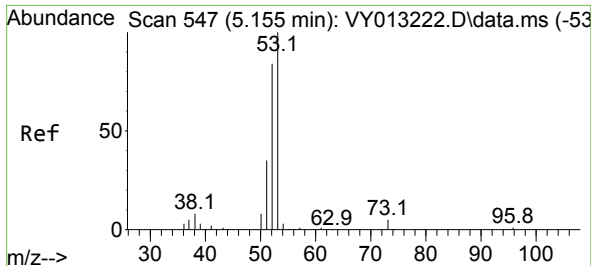
Ion Ratio Lower Upper

41 100

39 72.9 53.6 80.4

76 31.4 27.2 40.8





#15

Acrylonitrile

Concen: 119.817 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.000 min

Lab File: VY013221.D

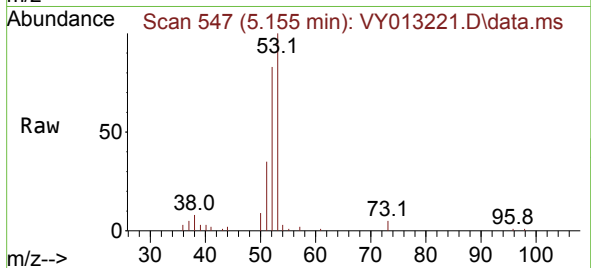
Acq: 07 Apr 2023 17:44

Instrument :

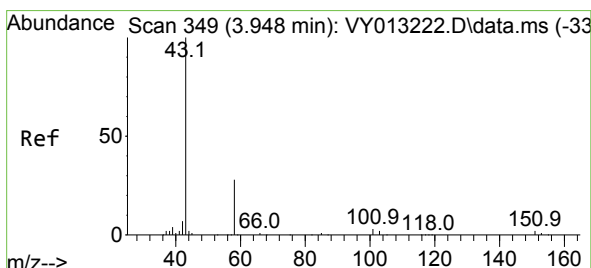
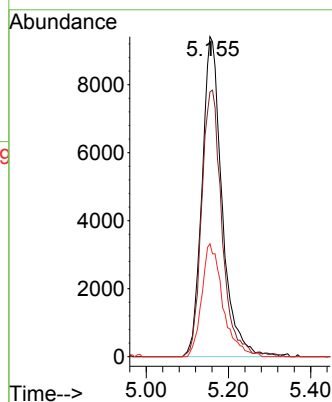
MSVOA_Y

ClientSampleId :

VSTDICC020



Tgt Ion:	53	Resp:	31863
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.3	99.5
51	37.3	28.8	43.2



#16

Acetone

Concen: 108.637 ug/l

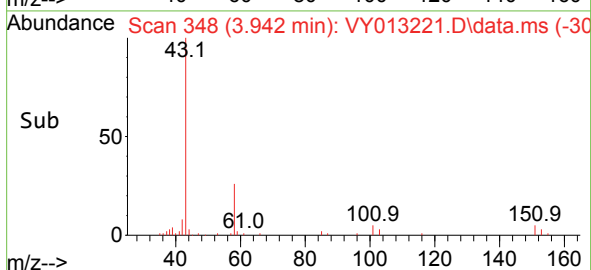
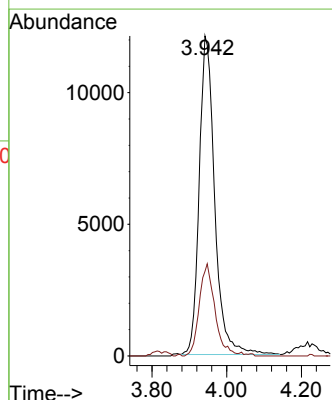
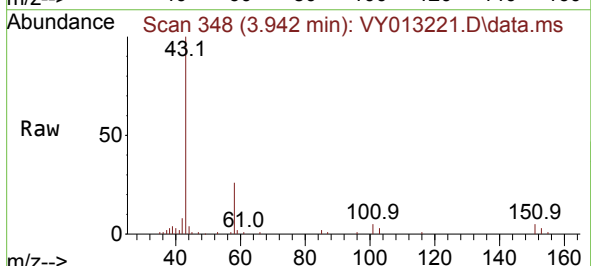
RT: 3.942 min Scan# 348

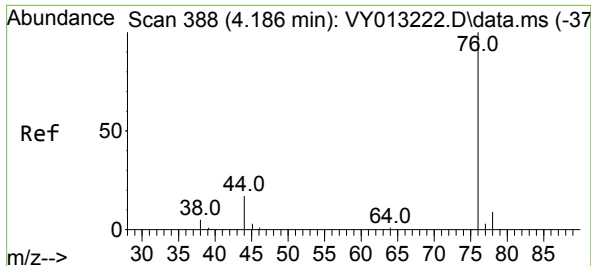
Delta R.T. -0.006 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Tgt Ion:	43	Resp:	34795
Ion	Ratio	Lower	Upper
43	100		
58	26.6	24.2	36.2





#17

Carbon Disulfide

Concen: 22.692 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

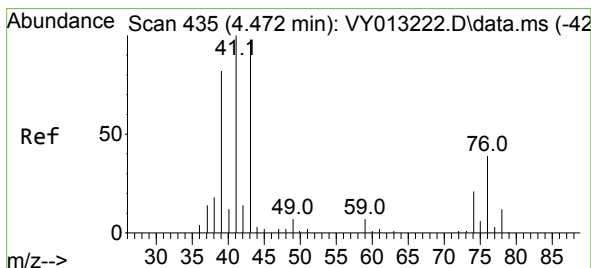
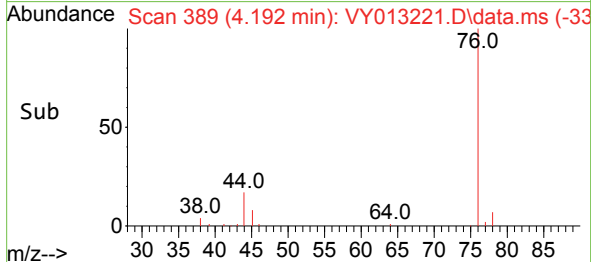
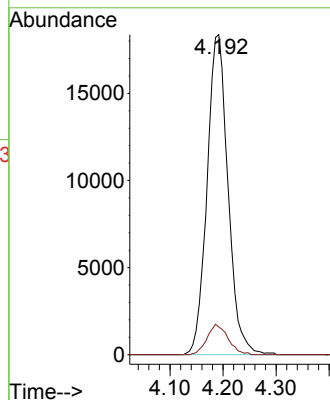
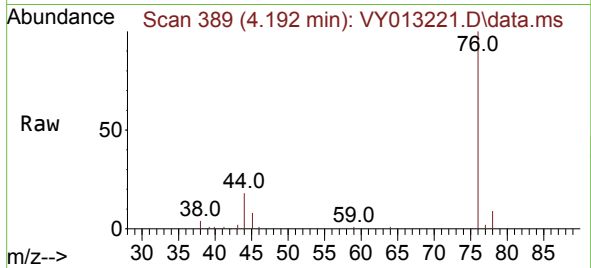
VSTDIC020

Tgt Ion: 76 Resp: 50398

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



#18

Methyl Acetate

Concen: 26.483 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY013221.D

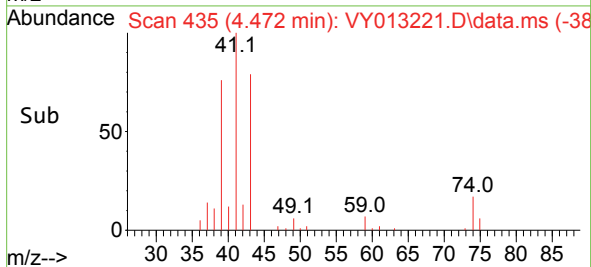
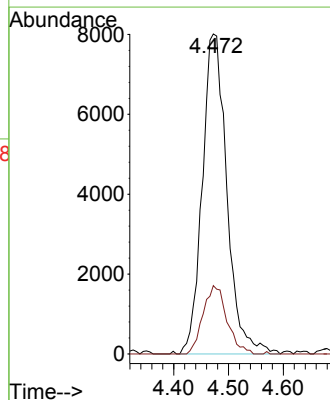
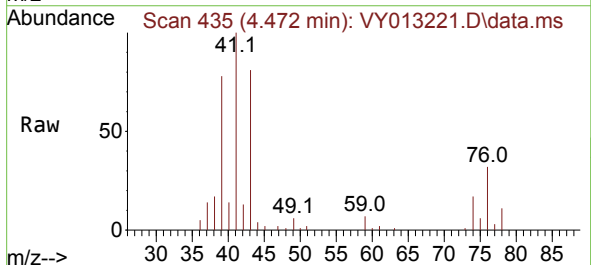
Acq: 07 Apr 2023 17:44

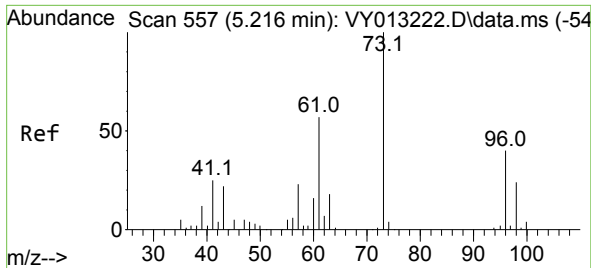
Tgt Ion: 43 Resp: 24954

Ion Ratio Lower Upper

43 100

74 20.7 17.4 26.0

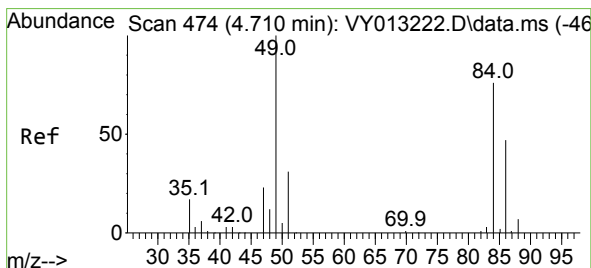
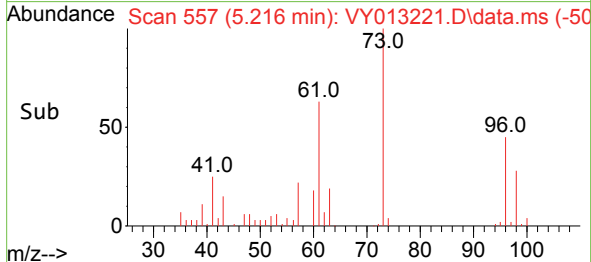
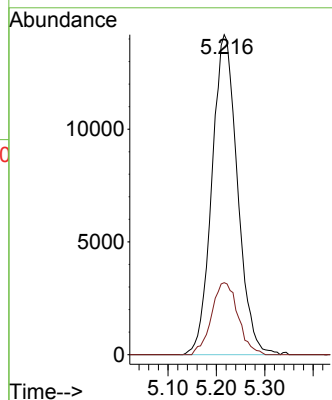
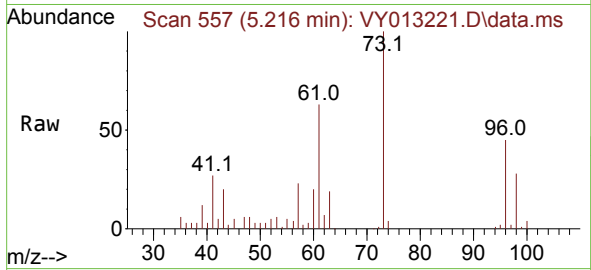




#19
Methyl tert-butyl Ether
Concen: 22.287 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

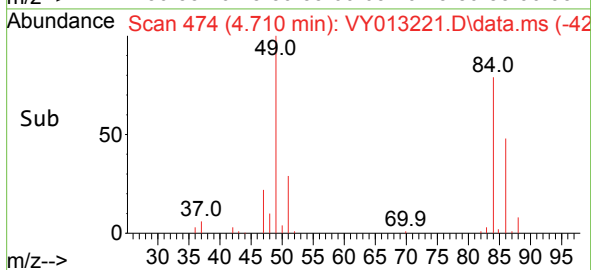
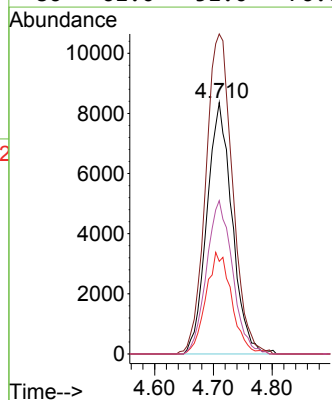
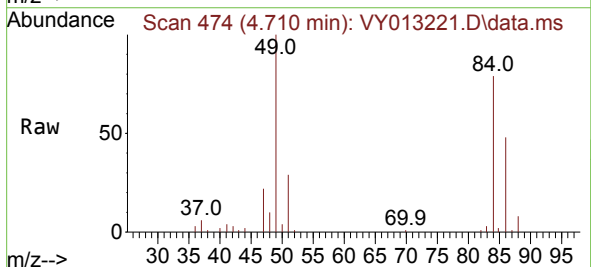
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

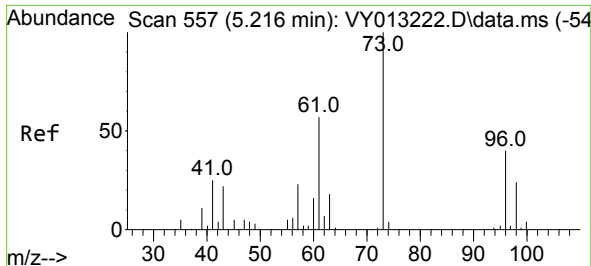
Tgt Ion: 73 Resp: 52024
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 22.331 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 84 Resp: 24908
Ion Ratio Lower Upper
84 100
49 127.3 102.6 154.0
51 36.9 31.9 47.9
86 61.0 51.0 76.6

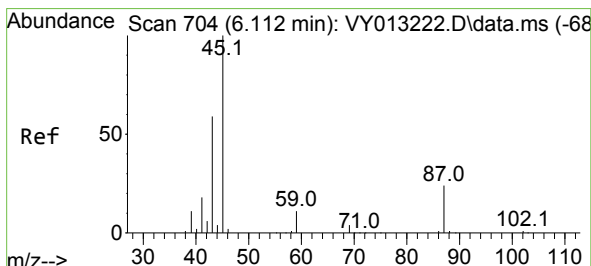
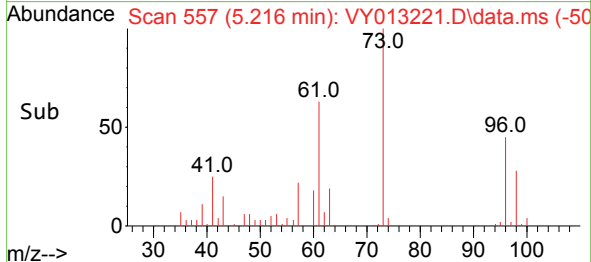
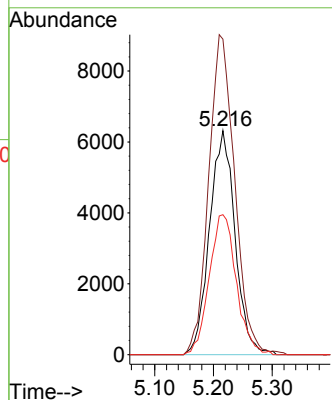
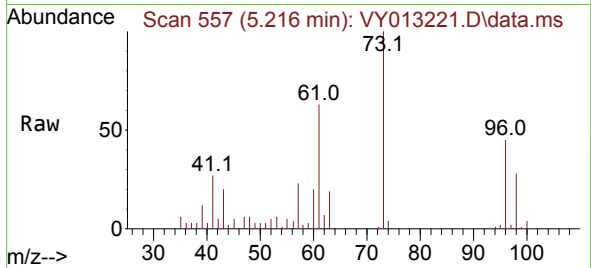




#21
trans-1,2-Dichloroethene
Concen: 22.149 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

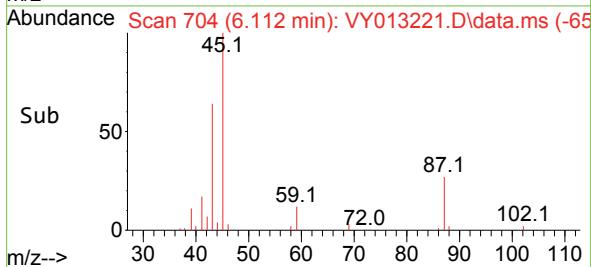
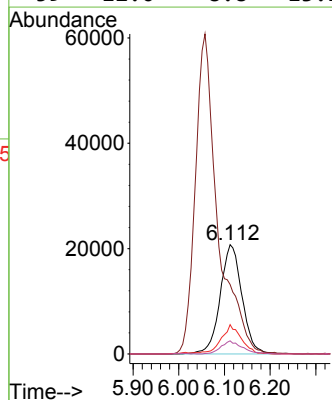
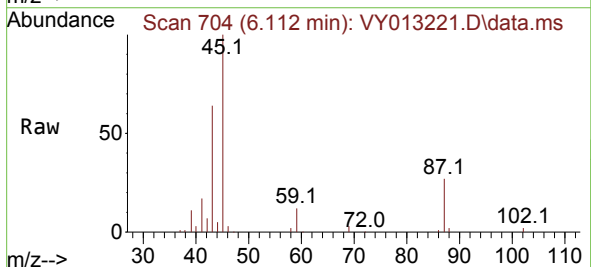
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

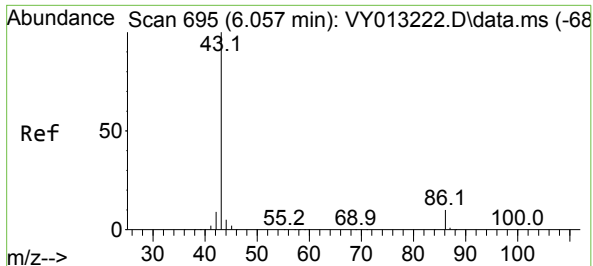
Tgt Ion: 96 Resp: 19099
Ion Ratio Lower Upper
96 100
61 140.9 111.4 167.0
98 62.5 50.8 76.2



#22
Diisopropyl ether
Concen: 26.844 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 45 Resp: 68807
Ion Ratio Lower Upper
45 100
43 62.9 45.0 67.6
87 26.8 20.3 30.5
59 12.0 8.8 13.2

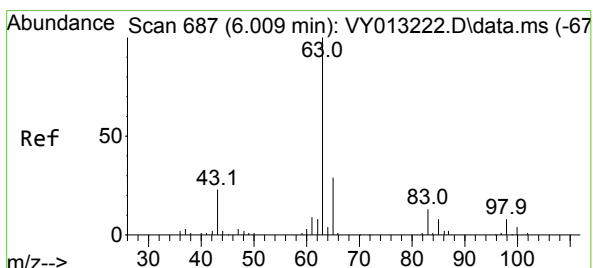
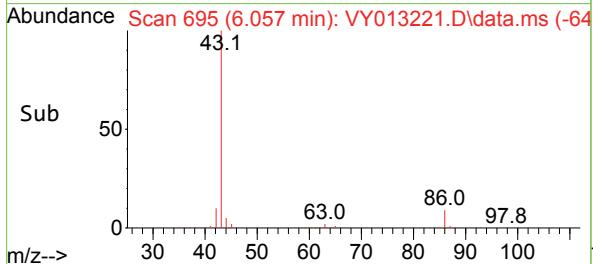
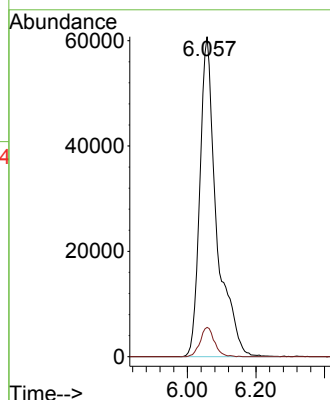
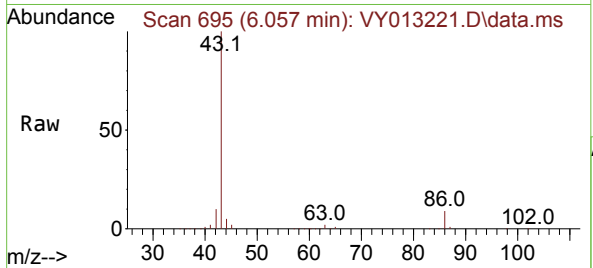




#23
 Vinyl Acetate
 Concen: 128.588 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013221.D
 Acq: 07 Apr 2023 17:44

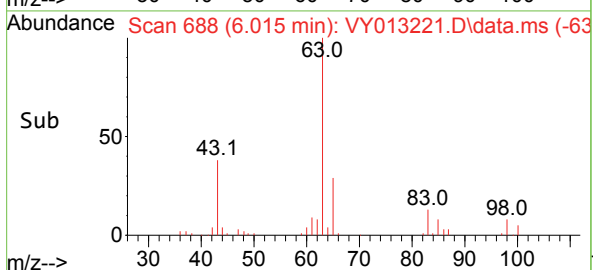
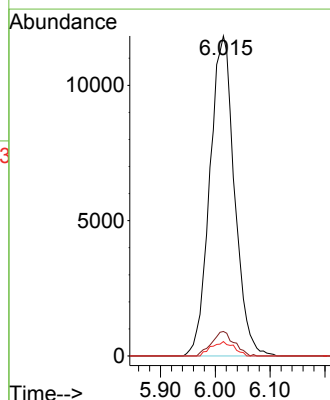
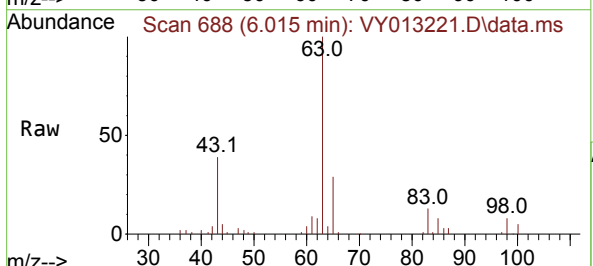
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

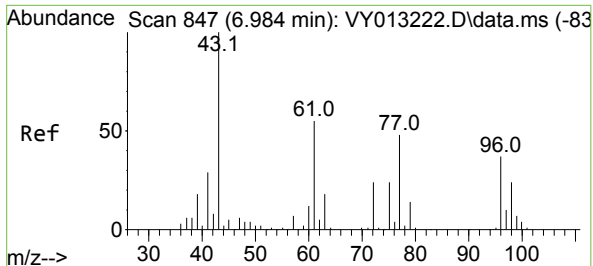
Tgt Ion: 43 Resp: 207152
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 24.541 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY013221.D
 Acq: 07 Apr 2023 17:44

Tgt Ion: 63 Resp: 36902
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 116.411 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

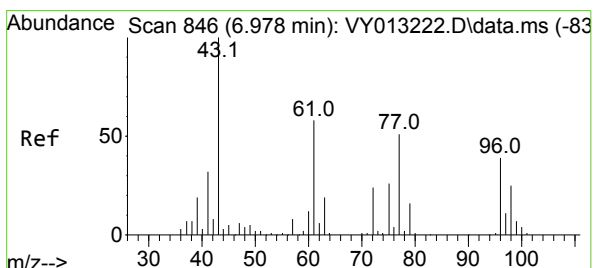
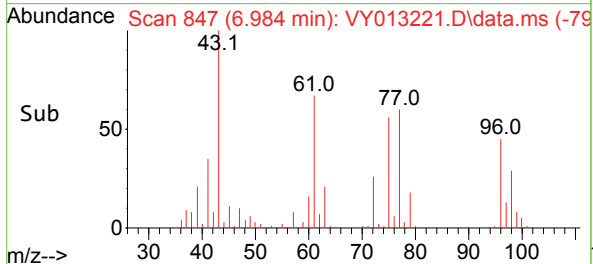
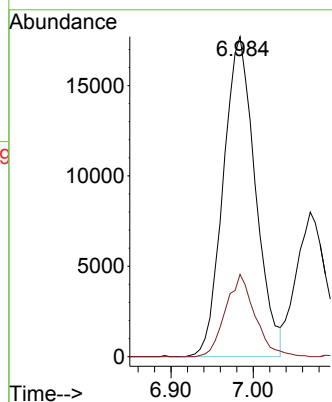
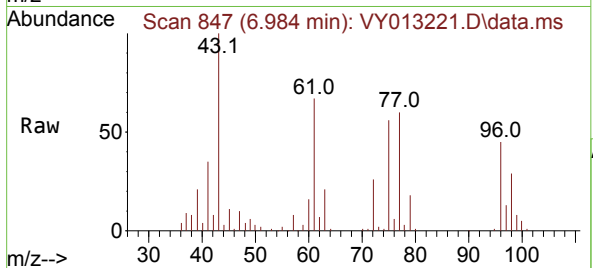
VSTDICC020

Tgt Ion: 43 Resp: 48088

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.420 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY013221.D

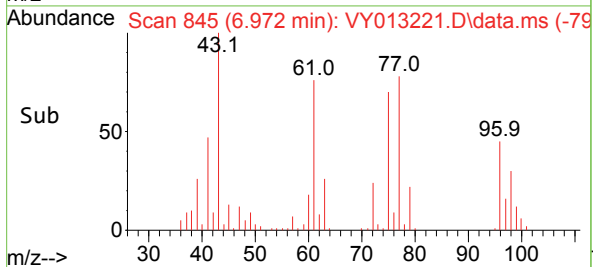
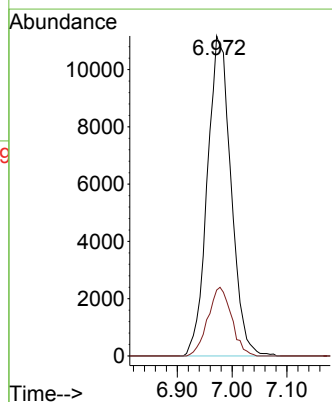
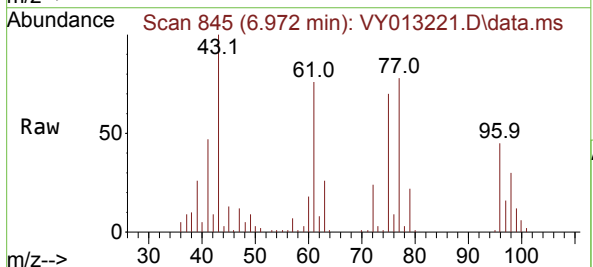
Acq: 07 Apr 2023 17:44

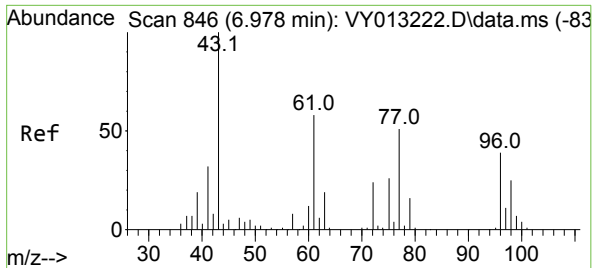
Tgt Ion: 77 Resp: 33489

Ion Ratio Lower Upper

77 100

97 21.5 11.7 35.0

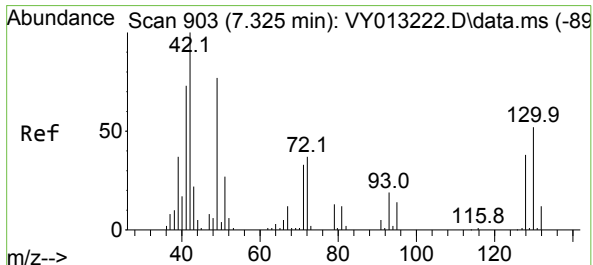
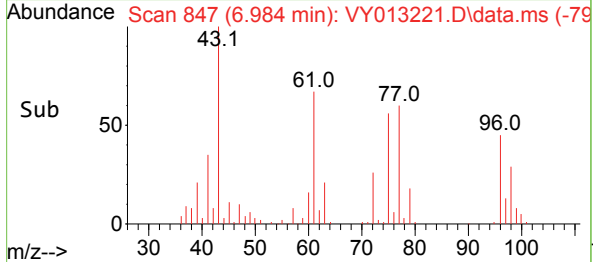
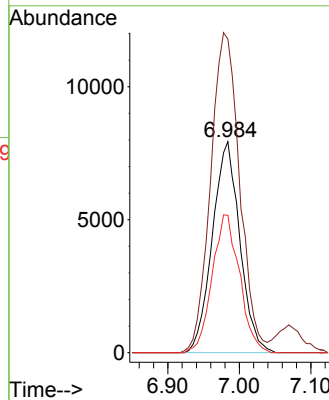
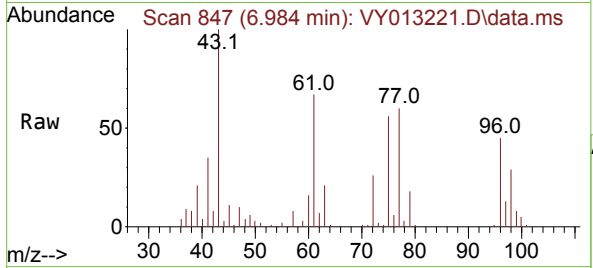




#27
 cis-1,2-Dichloroethene
 Concen: 21.316 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY013221.D
 Acq: 07 Apr 2023 17:44

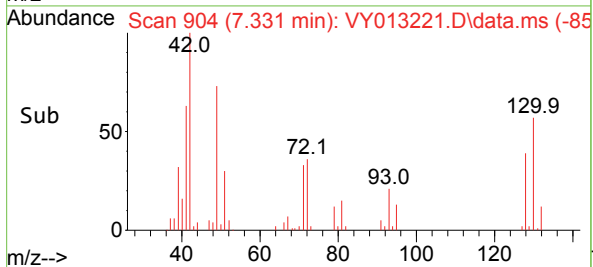
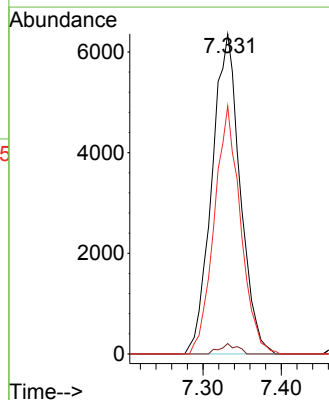
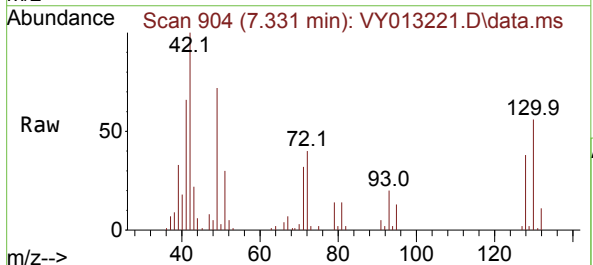
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

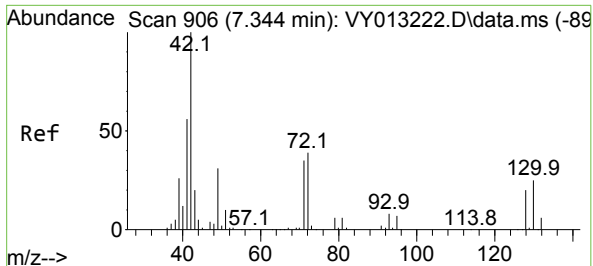
Tgt Ion: 96 Resp: 21168
 Ion Ratio Lower Upper
 96 100
 61 160.6 0.0 295.8
 98 65.2 0.0 130.2



#28
 Bromochloromethane
 Concen: 26.095 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY013221.D
 Acq: 07 Apr 2023 17:44

Tgt Ion: 49 Resp: 15924
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 72.1 60.5 90.7





#29

Tetrahydrofuran

Concen: 126.292 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

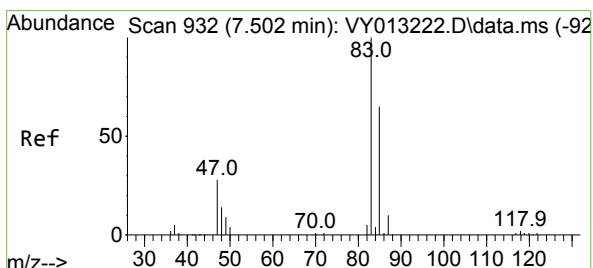
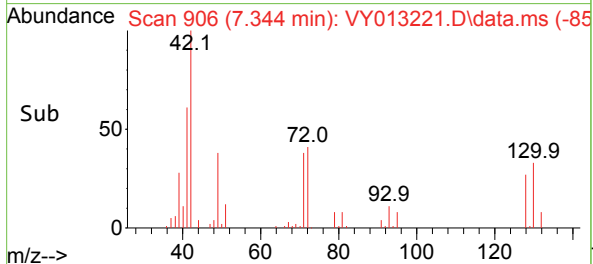
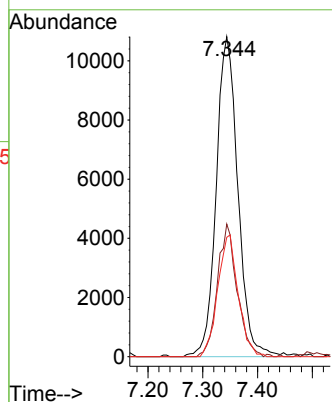
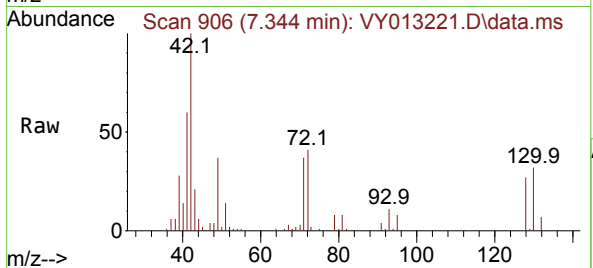
Tgt Ion: 42 Resp: 29680

Ion Ratio Lower Upper

42 100

72 37.6 32.3 48.5

71 36.0 30.3 45.5



#30

Chloroform

Concen: 22.818 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY013221.D

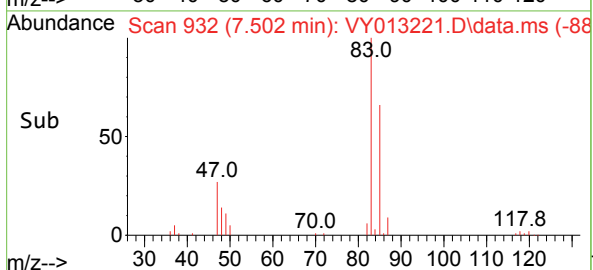
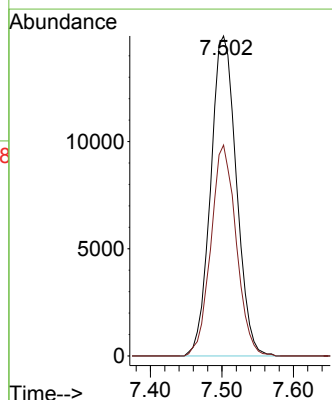
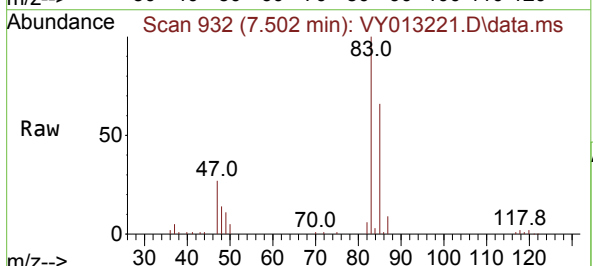
Acq: 07 Apr 2023 17:44

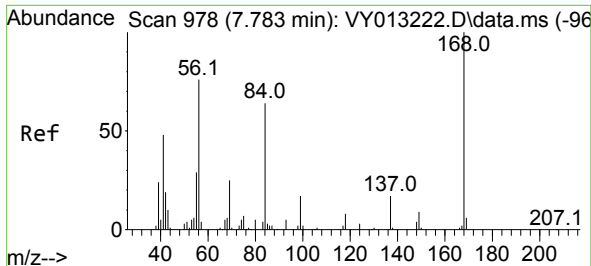
Tgt Ion: 83 Resp: 37295

Ion Ratio Lower Upper

83 100

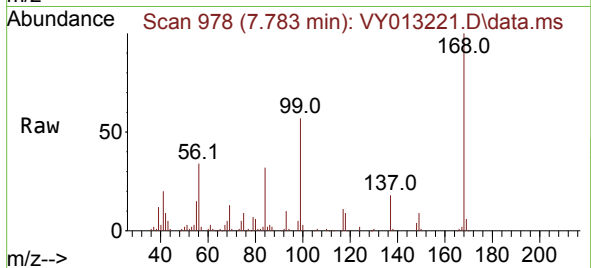
85 65.9 51.4 77.0



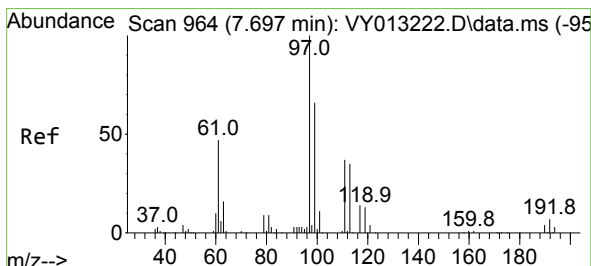
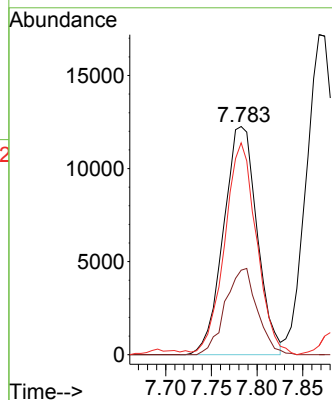
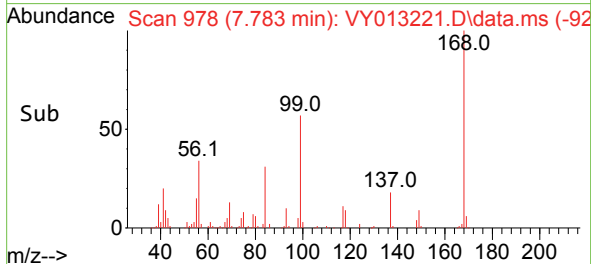


#31
Cyclohexane
Concen: 23.824 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

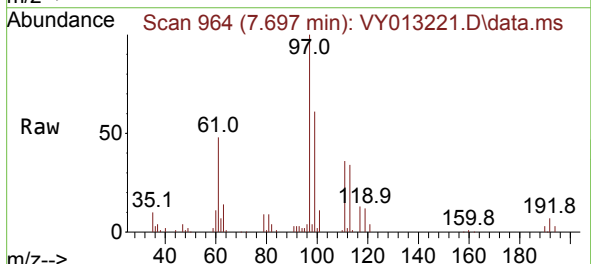
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



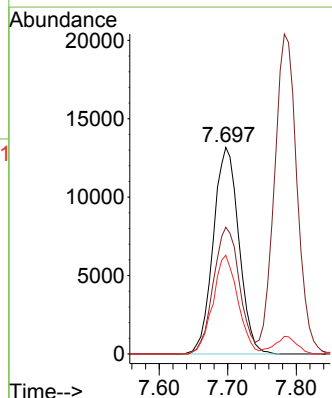
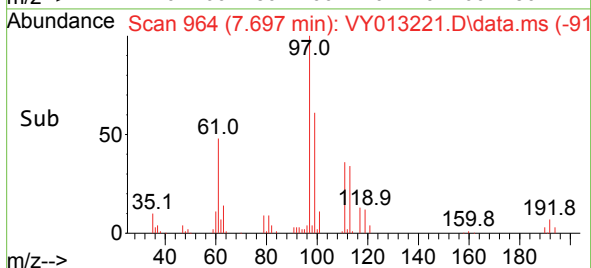
Tgt Ion: 56 Resp: 31377
Ion Ratio Lower Upper
56 100
69 37.0 25.7 38.5
84 91.6 64.3 96.5

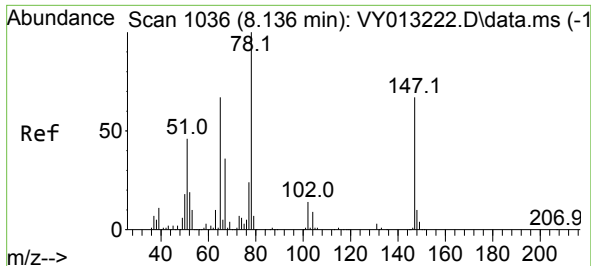


#32
1,1,1-Trichloroethane
Concen: 22.371 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44



Tgt Ion: 97 Resp: 34145
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.6
61 46.6 34.5 51.7

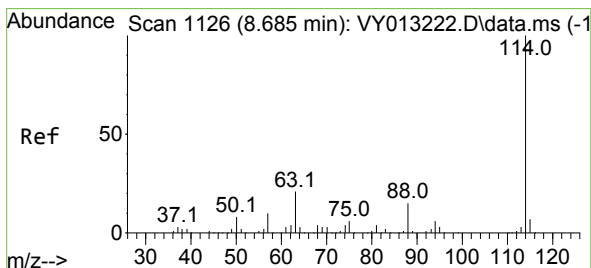
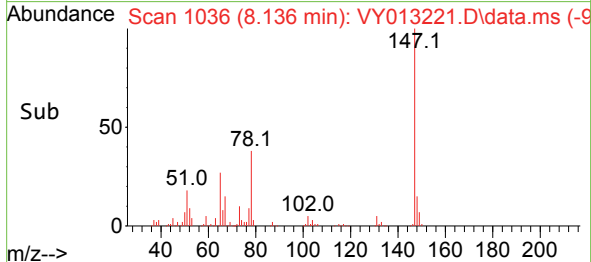
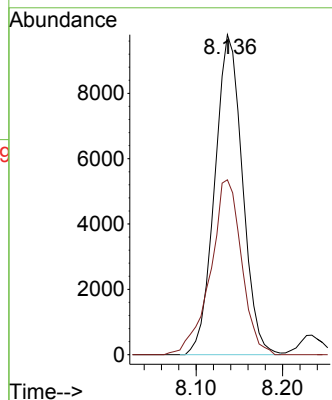
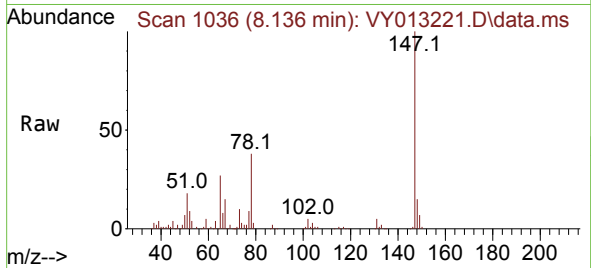




#33
1,2-Dichloroethane-d4
Concen: 23.092 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

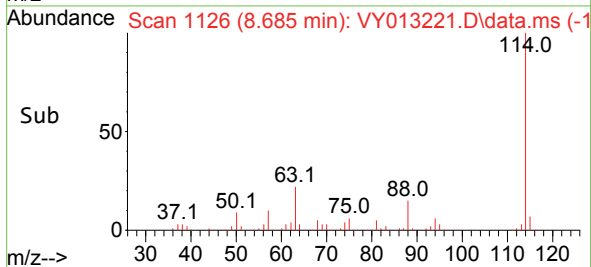
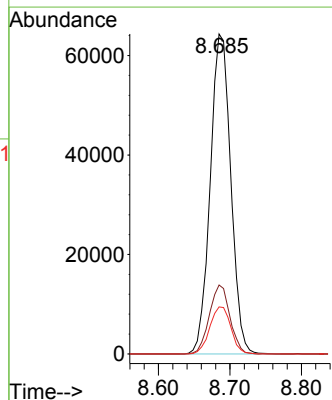
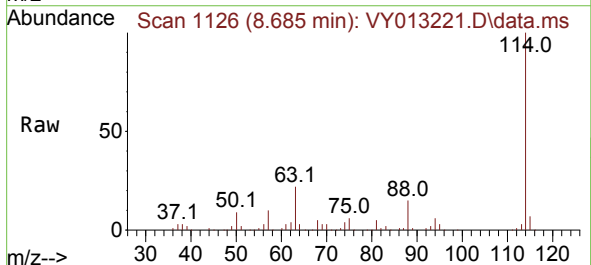
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

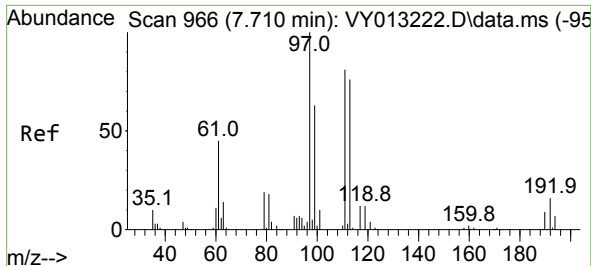
Tgt Ion: 65 Resp: 21797
Ion Ratio Lower Upper
65 100
67 61.1 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion:114 Resp: 128416
Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.4
88 14.7 0.0 28.6

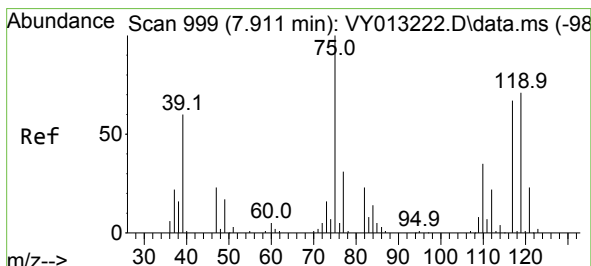
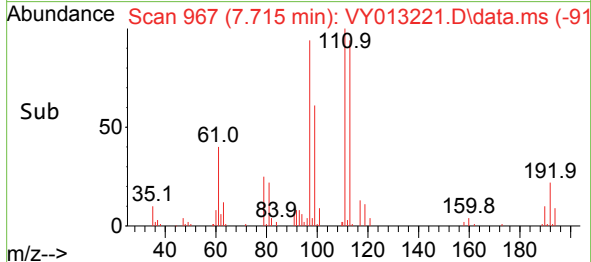
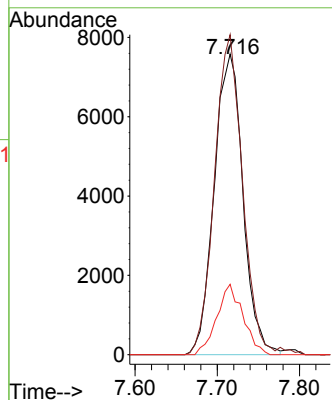
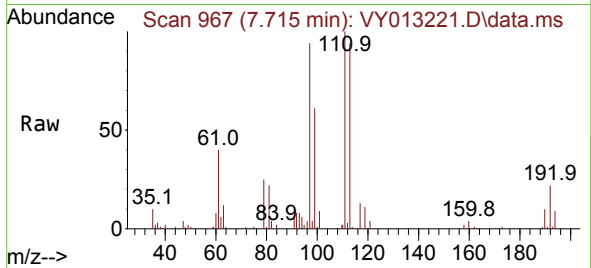




#35
Dibromofluoromethane
Concen: 22.022 ug/l
RT: 7.715 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

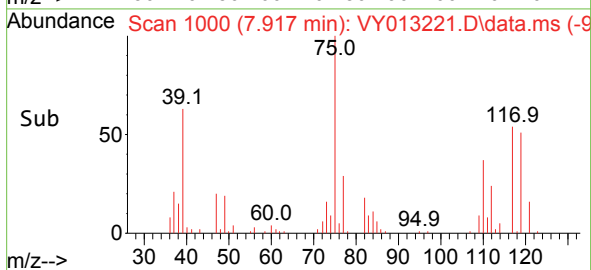
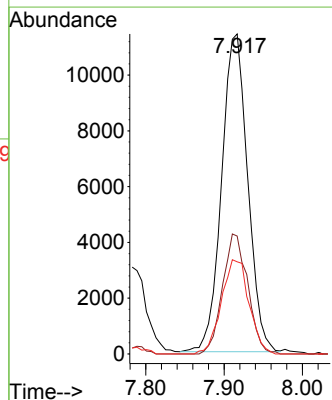
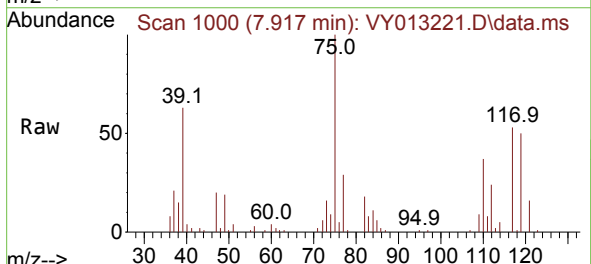
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

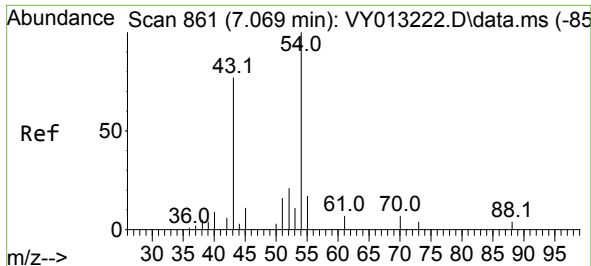
Tgt Ion:113 Resp: 18456
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 21.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.296 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 75 Resp: 26377
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.3
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 24.846 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

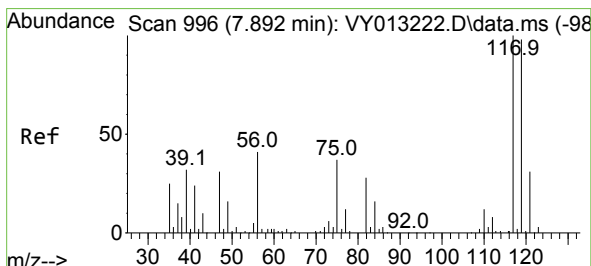
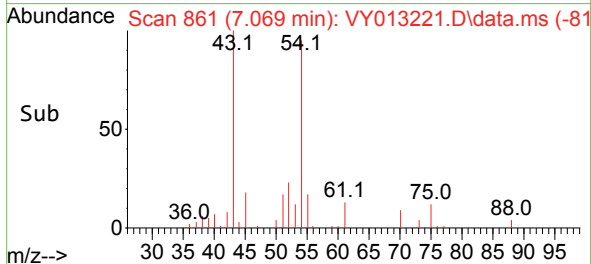
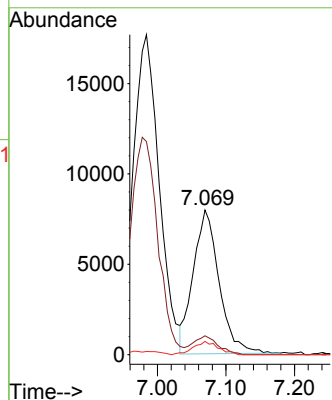
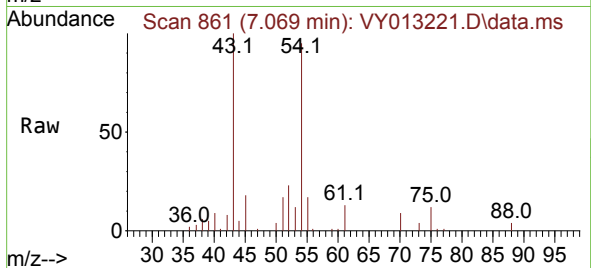
Tgt Ion: 43 Resp: 20869

Ion Ratio Lower Upper

43 100

61 12.6 10.7 16.1

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.649 ug/l

RT: 7.898 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

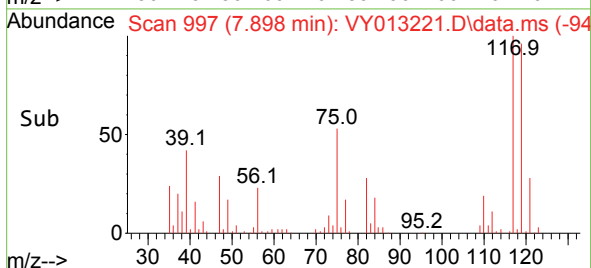
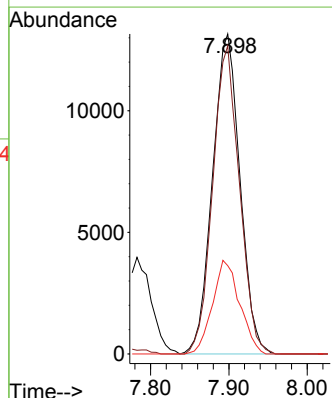
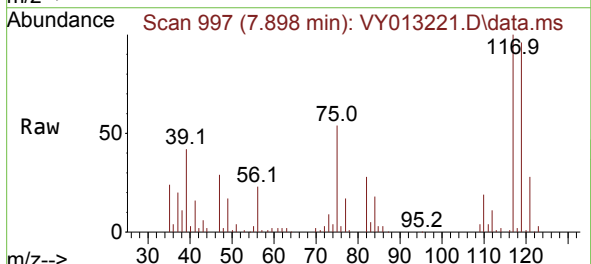
Tgt Ion: 117 Resp: 32048

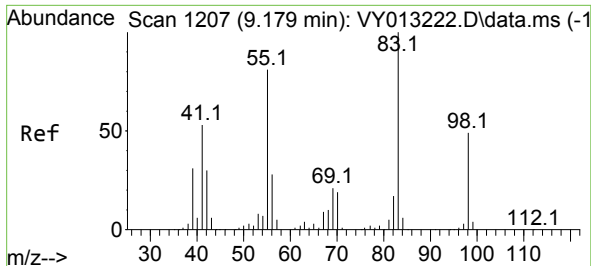
Ion Ratio Lower Upper

117 100

119 96.3 77.2 115.8

121 27.6 24.7 37.1





#39

Methylcyclohexane

Concen: 20.748 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

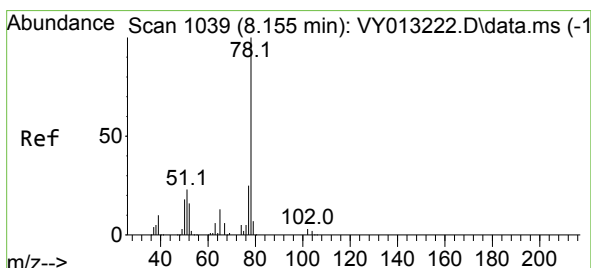
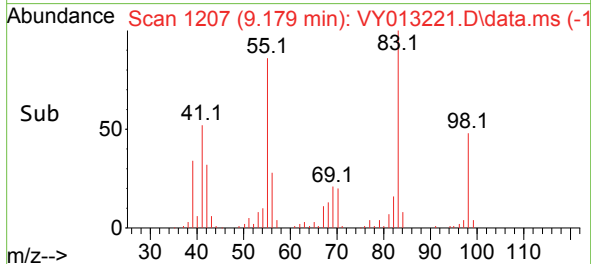
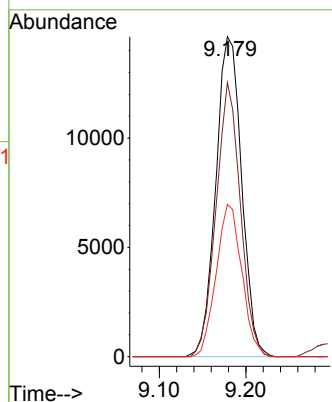
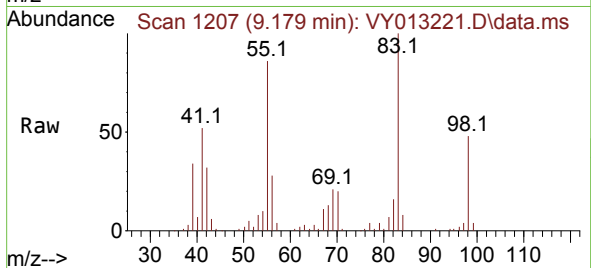
Tgt Ion: 83 Resp: 30369

Ion Ratio Lower Upper

83 100

55 85.7 60.0 90.0

98 47.6 38.3 57.5



#40

Benzene

Concen: 22.436 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013221.D

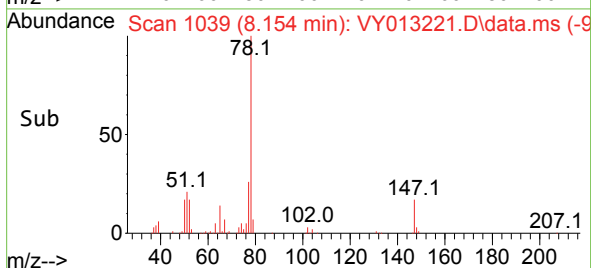
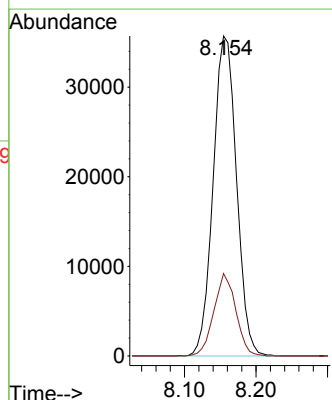
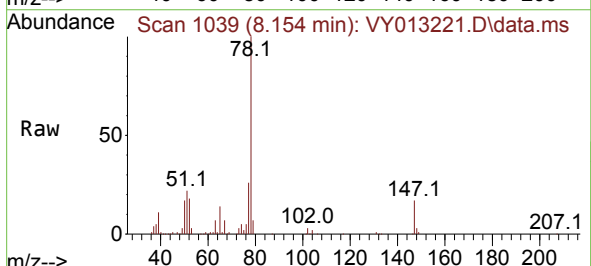
Acq: 07 Apr 2023 17:44

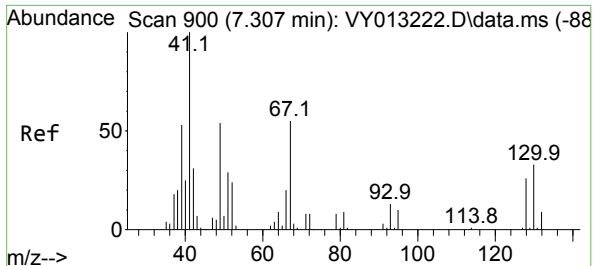
Tgt Ion: 78 Resp: 81057

Ion Ratio Lower Upper

78 100

77 25.8 19.4 29.0

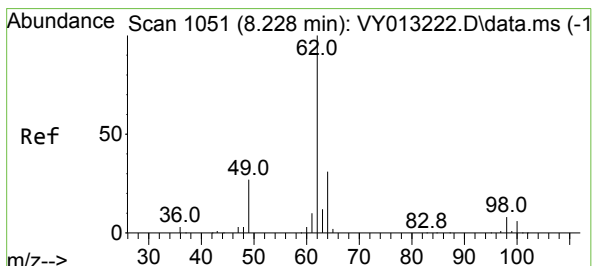
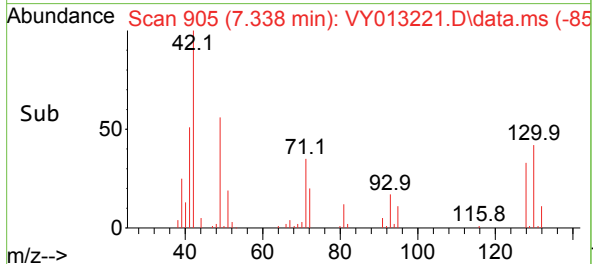
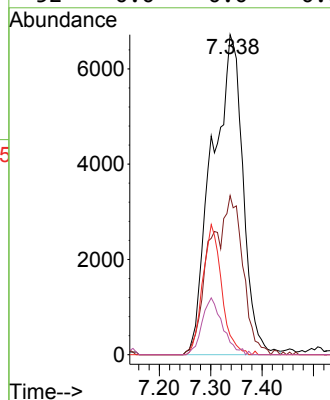
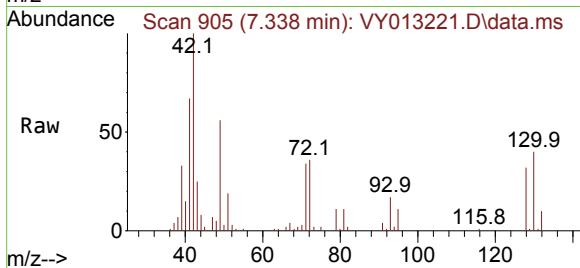




#41
Methacrylonitrile
Concen: 66.071 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.030 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

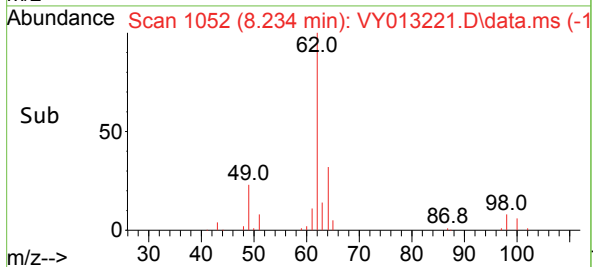
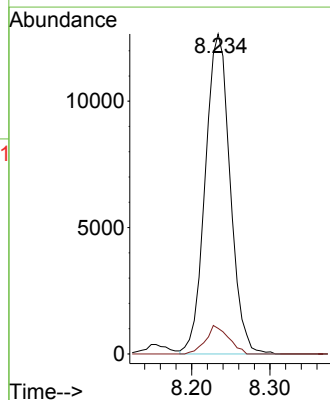
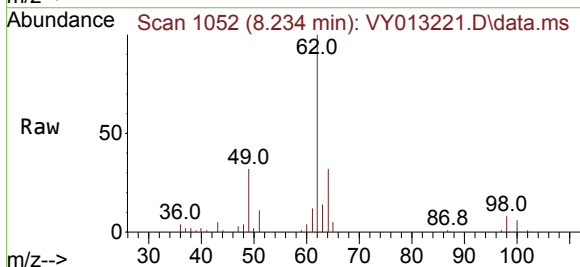
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

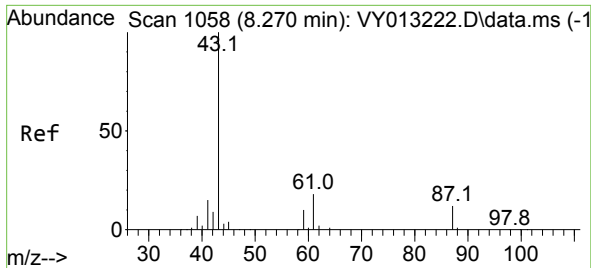
Tgt Ion:	41	Resp:	27944
Ion	Ratio	Lower	Upper
41	100		
39	30.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 22.515 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion:	62	Resp:	27914
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	18.8

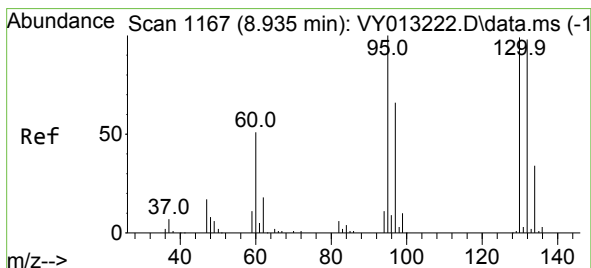
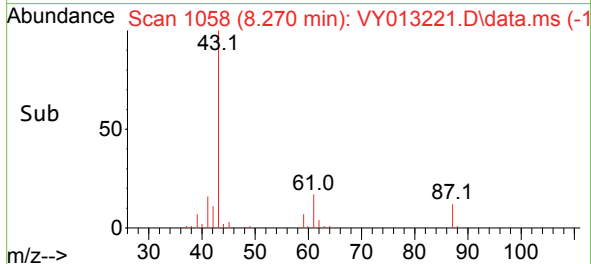
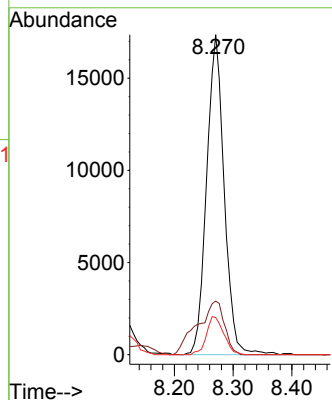
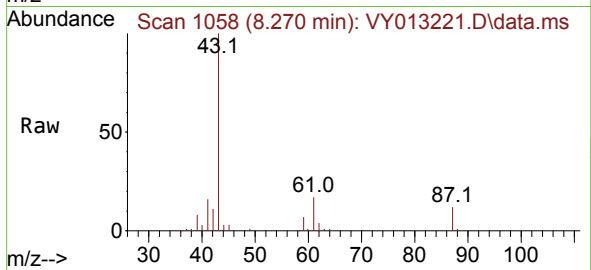




#43
Isopropyl Acetate
Concen: 24.066 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

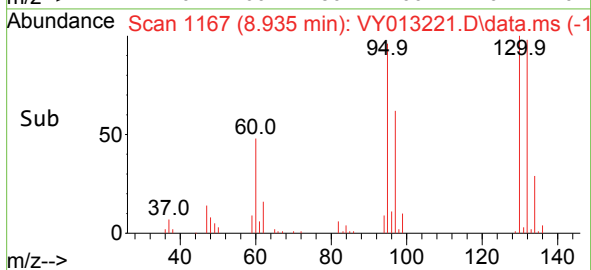
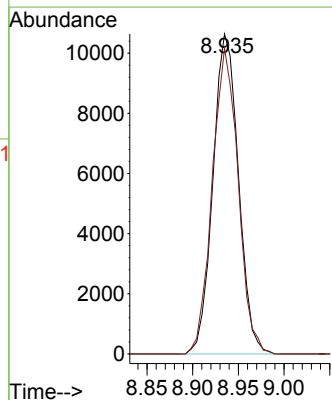
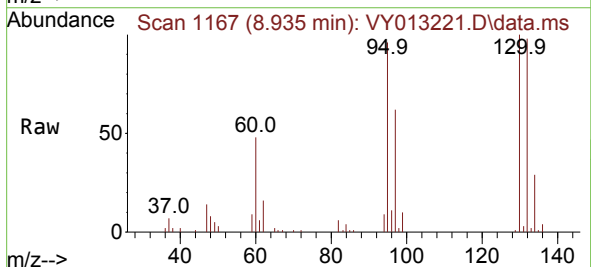
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

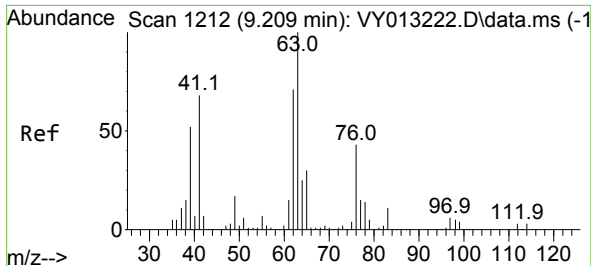
Tgt Ion: 43 Resp: 36005
Ion Ratio Lower Upper
43 100
61 25.8 21.6 32.4
87 11.7 9.9 14.9



#44
Trichloroethene
Concen: 20.487 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion:130 Resp: 20636
Ion Ratio Lower Upper
130 100
95 95.5 0.0 185.0

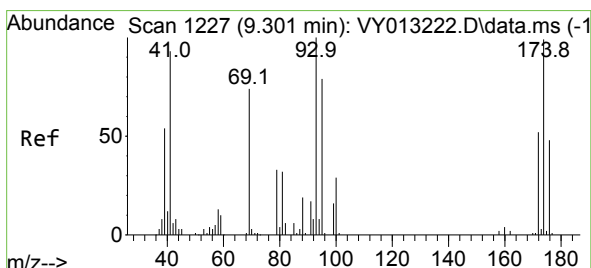
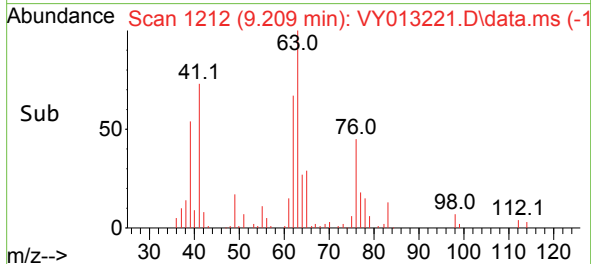
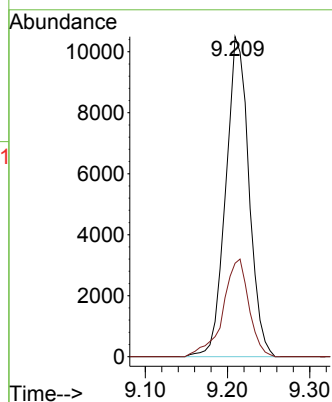
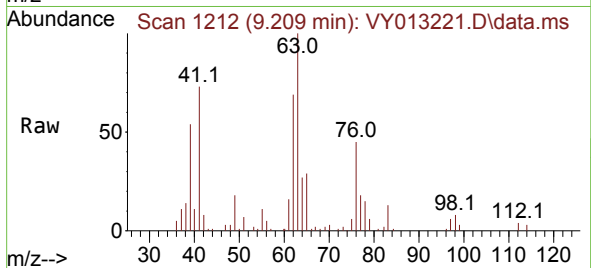




#45
1,2-Dichloropropane
Concen: 23.664 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

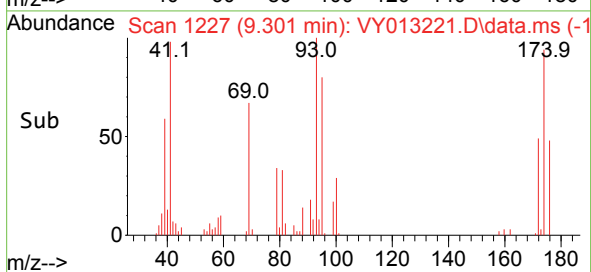
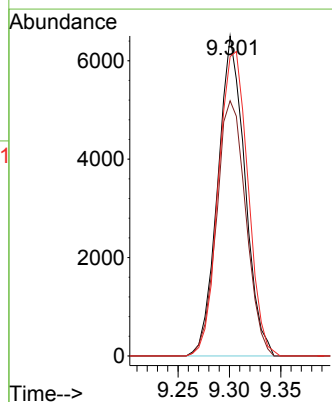
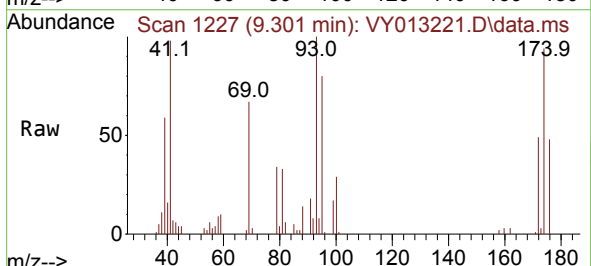
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

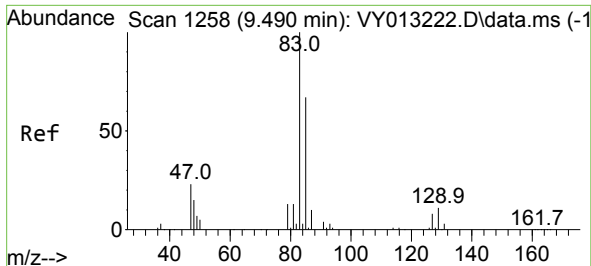
Tgt Ion: 63 Resp: 20540
Ion Ratio Lower Upper
63 100
65 29.2 25.7 38.5



#46
Dibromomethane
Concen: 21.639 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 93 Resp: 11947
Ion Ratio Lower Upper
93 100
95 85.6 65.6 98.4
174 103.3 81.3 121.9

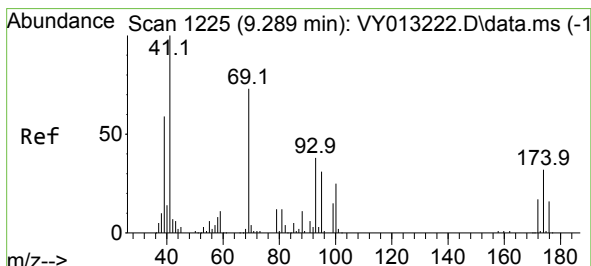
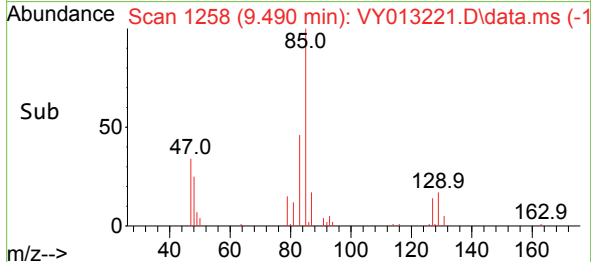
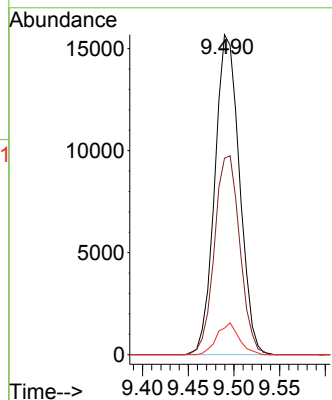
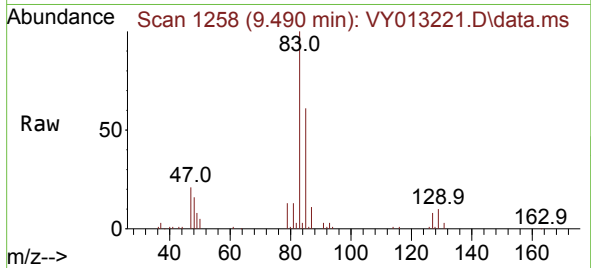




#47
Bromodichloromethane
Concen: 22.436 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

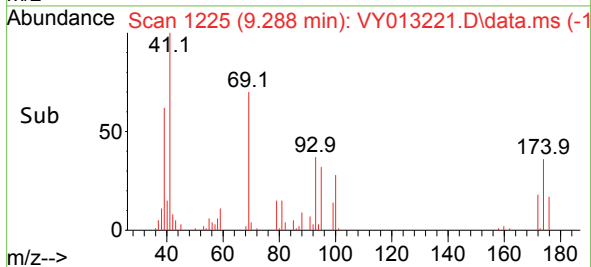
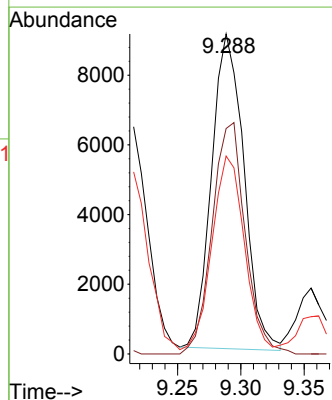
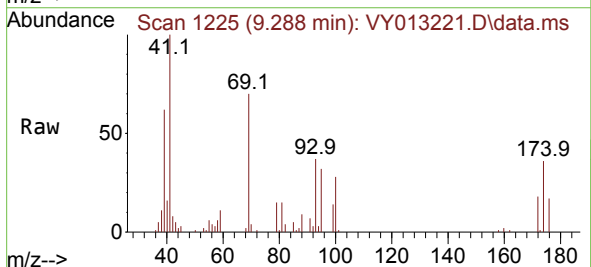
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

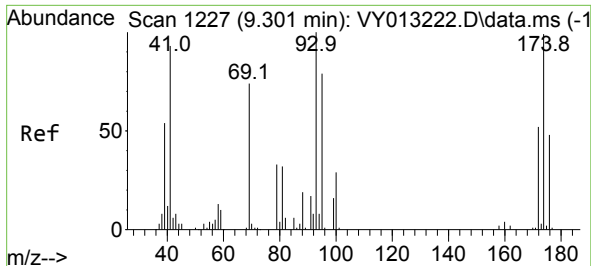
Tgt Ion: 83	Resp:	29466
Ion Ratio	Lower	Upper
83	100	
85	61.4	50.2 75.4
127	8.3	6.3 9.5



#48
Methyl methacrylate
Concen: 23.526 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 41	Resp:	16022
Ion Ratio	Lower	Upper
41	100	
69	75.4	64.1 96.1
39	61.7	44.0 66.0





#49

1,4-Dioxane

Concen: 367.137 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

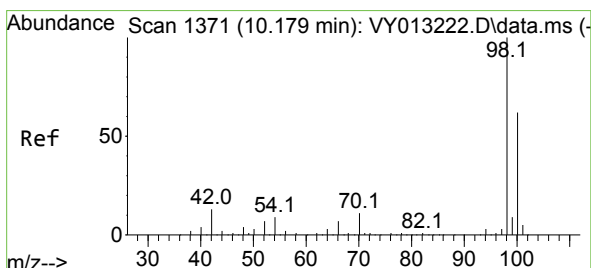
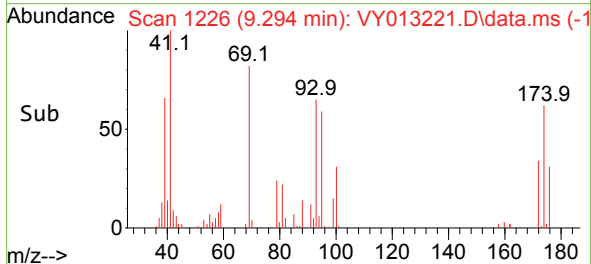
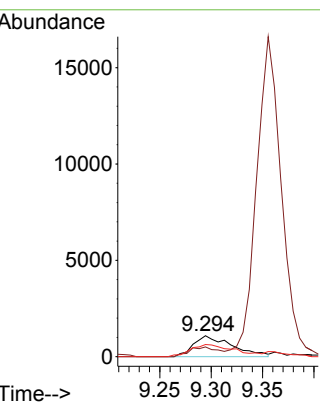
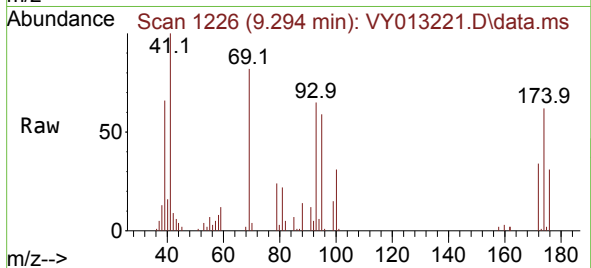
Tgt Ion: 88 Resp: 2854

Ion Ratio Lower Upper

88 100

43 34.5 28.6 42.8

58 61.4 55.2 82.8



#50

Toluene-d8

Concen: 21.604 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013221.D

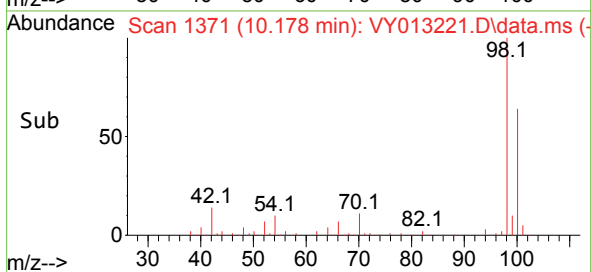
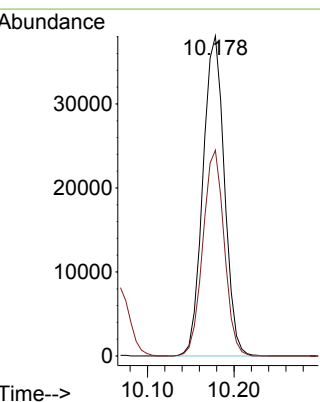
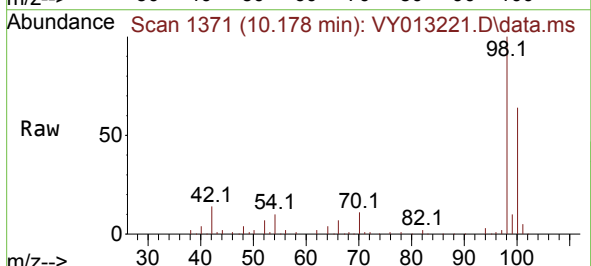
Acq: 07 Apr 2023 17:44

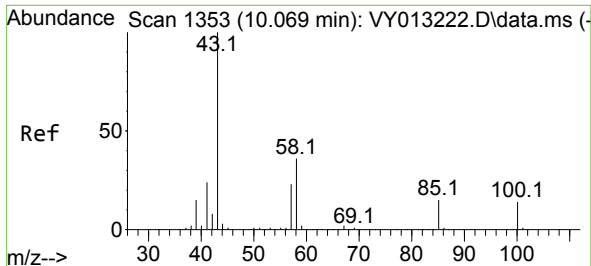
Tgt Ion: 98 Resp: 65503

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3

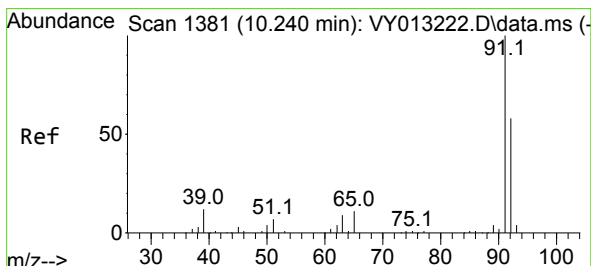
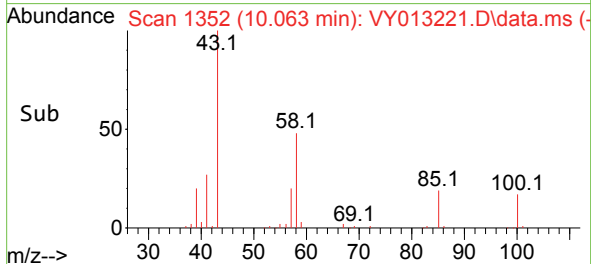
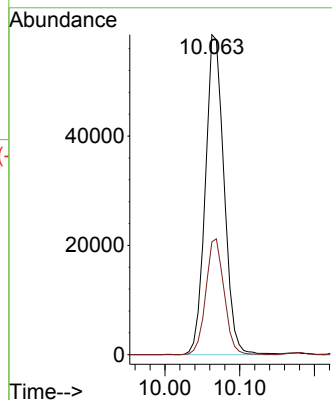
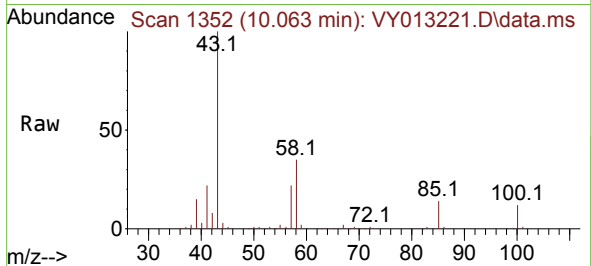




#51
4-Methyl-2-Pentanone
Concen: 122.653 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

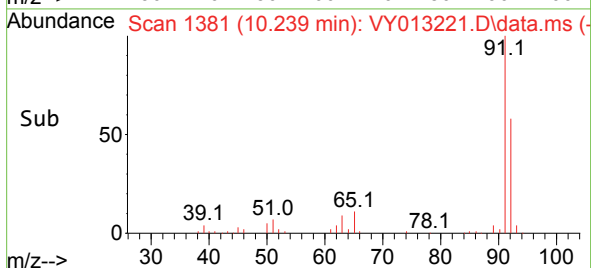
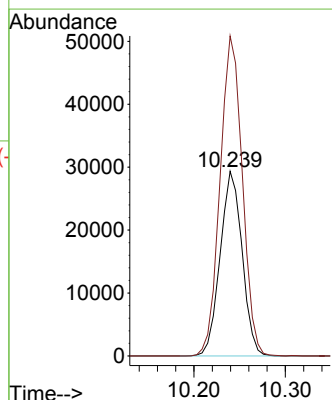
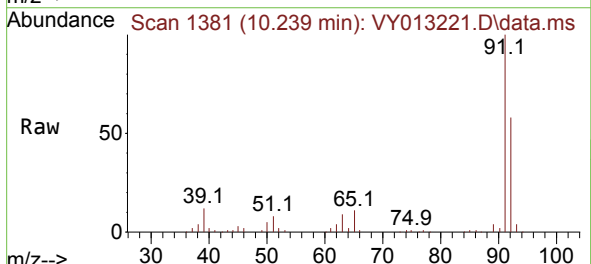
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

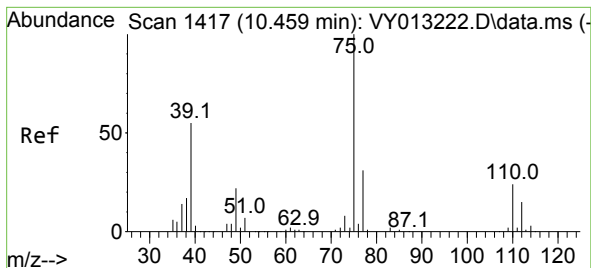
Tgt Ion: 43 Resp: 101773
Ion Ratio Lower Upper
43 100
58 35.4 29.8 44.6



#52
Toluene
Concen: 21.468 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 92 Resp: 49022
Ion Ratio Lower Upper
92 100
91 175.8 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 21.589 ug/l

RT: 10.465 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

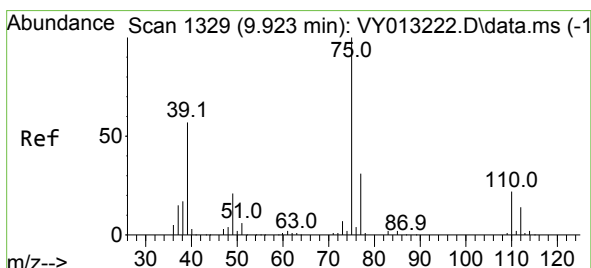
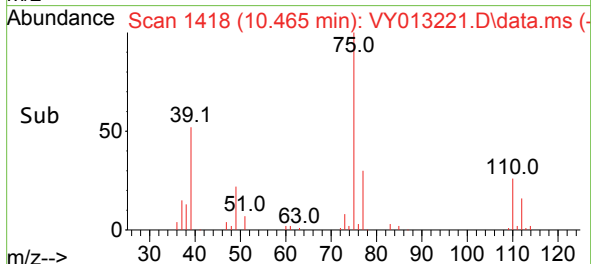
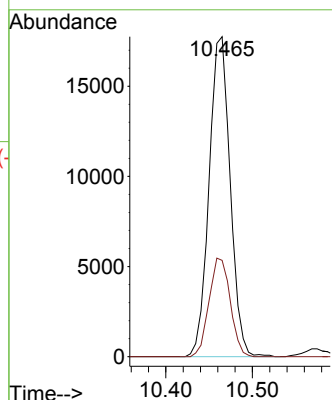
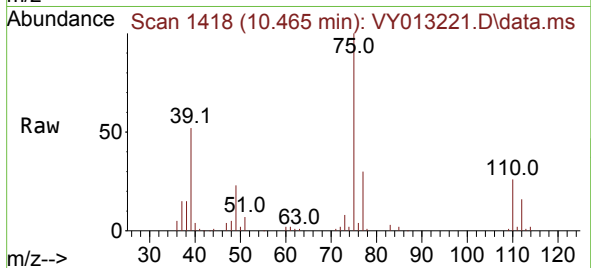
VSTDIC020

Tgt Ion: 75 Resp: 30052

Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.683 ug/l

RT: 9.922 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

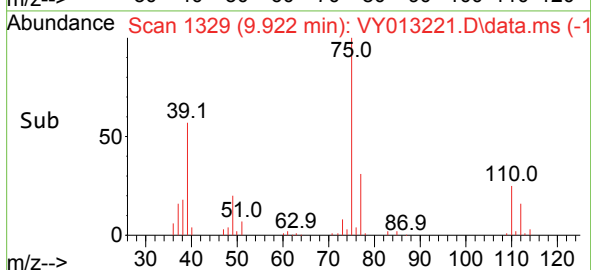
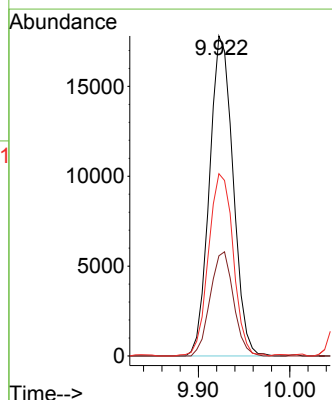
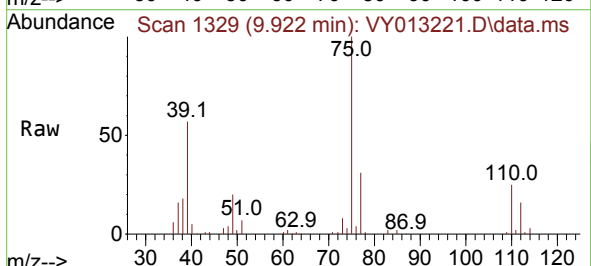
Tgt Ion: 75 Resp: 31964

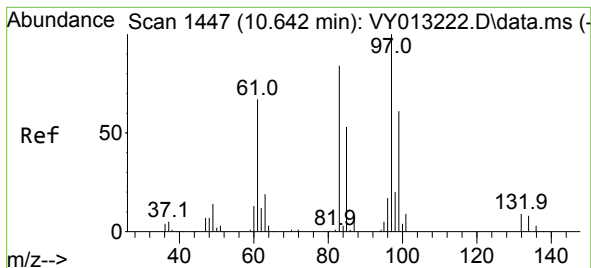
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 56.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 21.708 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 16382

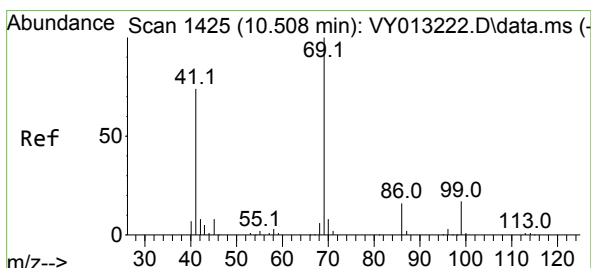
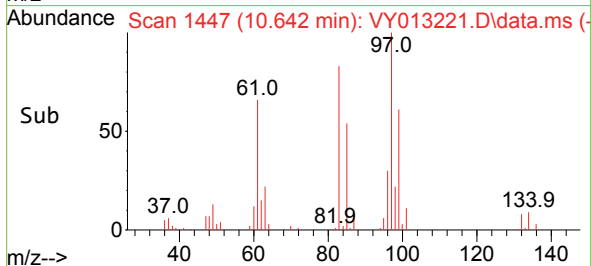
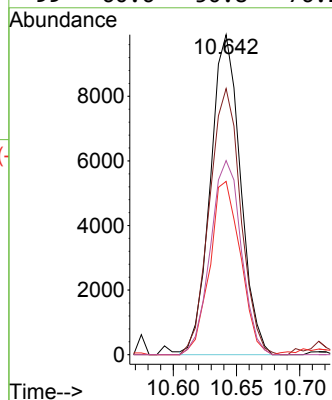
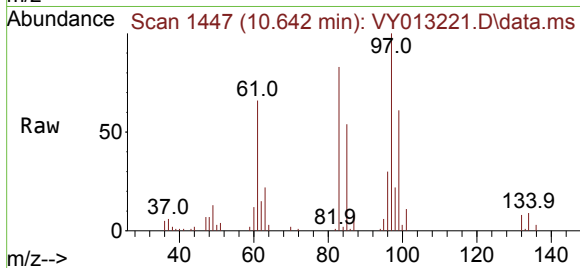
Ion Ratio Lower Upper

97 100

83 83.1 69.0 103.6

85 54.2 44.9 67.3

99 60.6 50.8 76.2



#56

Ethyl methacrylate

Concen: 20.181 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

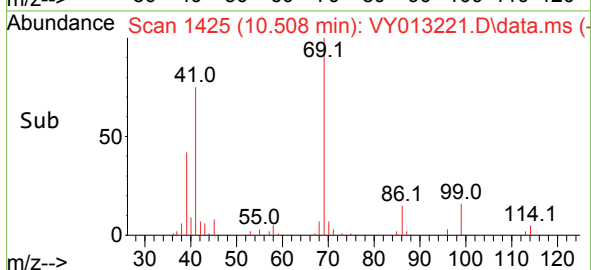
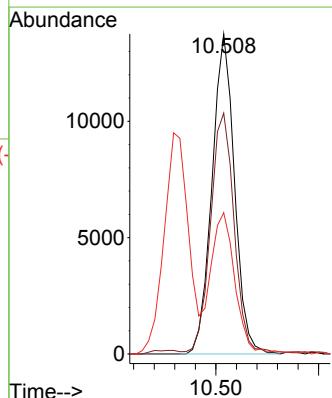
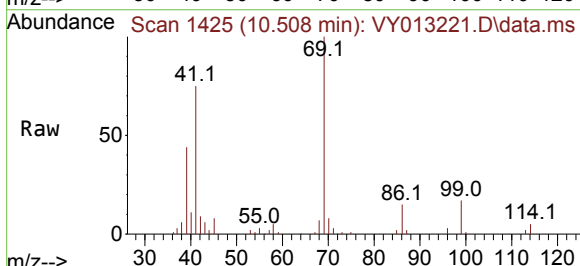
Tgt Ion: 69 Resp: 20857

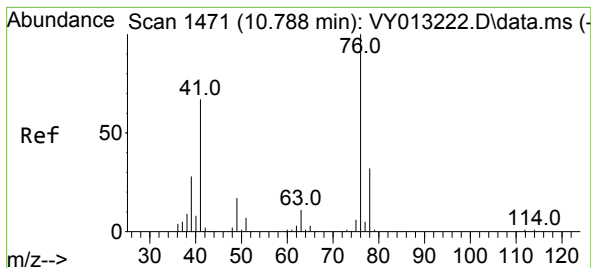
Ion Ratio Lower Upper

69 100

41 77.8 56.4 84.6

39 48.5 30.8 46.2#





#57

1,3-Dichloropropane

Concen: 22.502 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

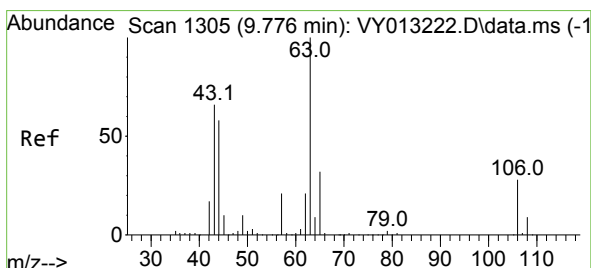
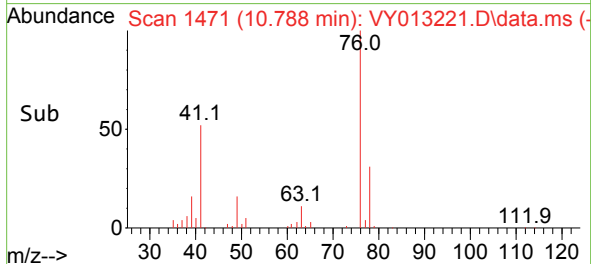
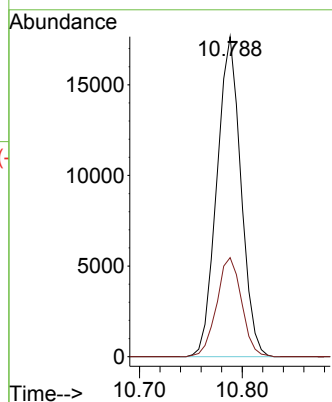
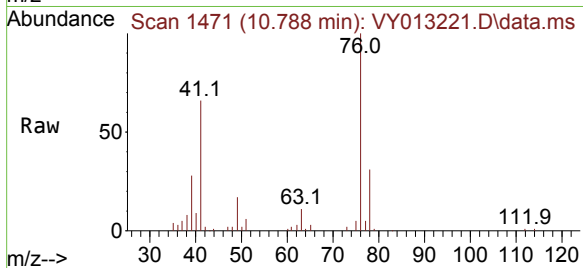
VSTDIC020

Tgt Ion: 76 Resp: 28655

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 115.637 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY013221.D

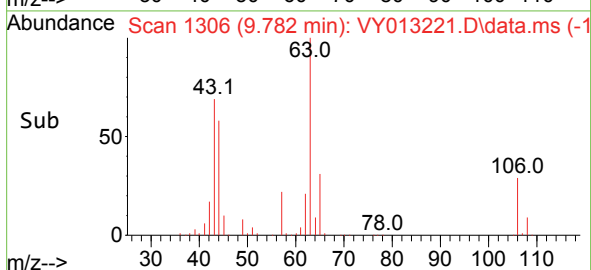
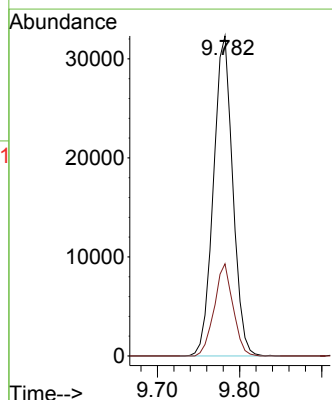
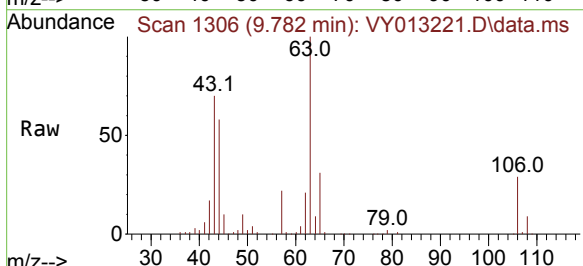
Acq: 07 Apr 2023 17:44

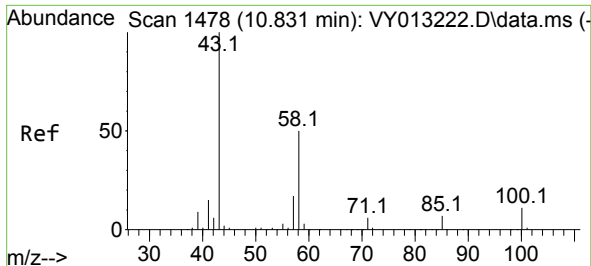
Tgt Ion: 63 Resp: 52613

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1

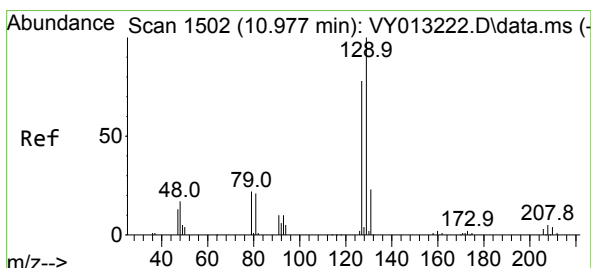
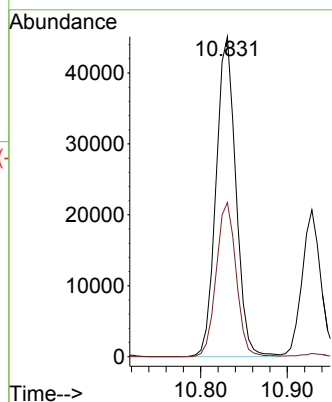
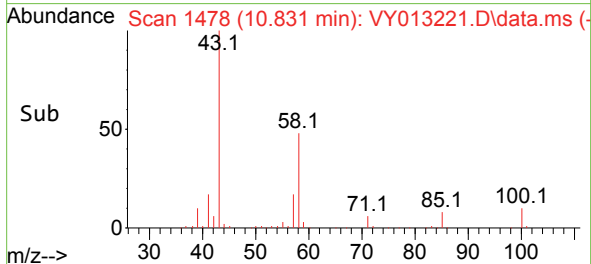
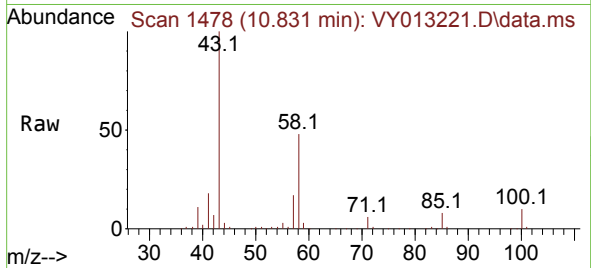




#59
2-Hexanone
Concen: 117.154 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

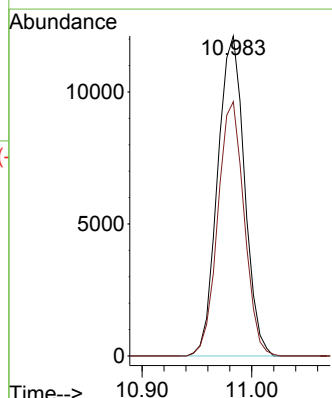
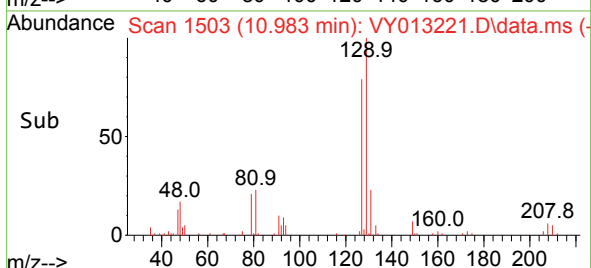
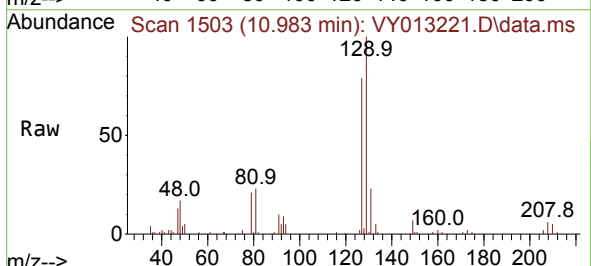
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

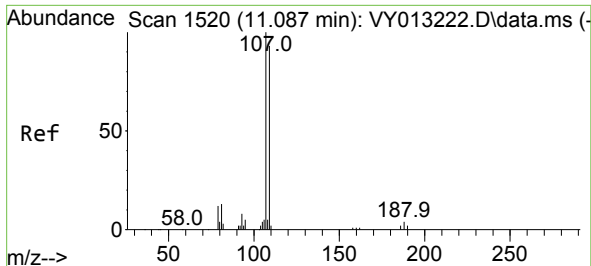
Tgt Ion: 43 Resp: 71747
Ion Ratio Lower Upper
43 100
58 48.5 25.9 77.8



#60
Dibromochloromethane
Concen: 21.067 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 129 Resp: 20640
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

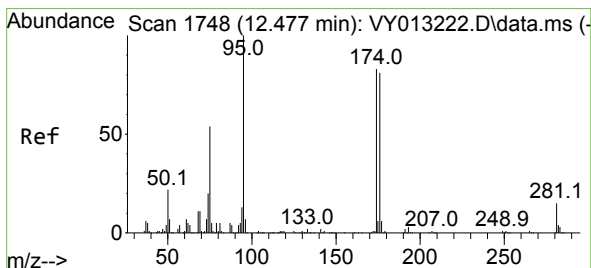
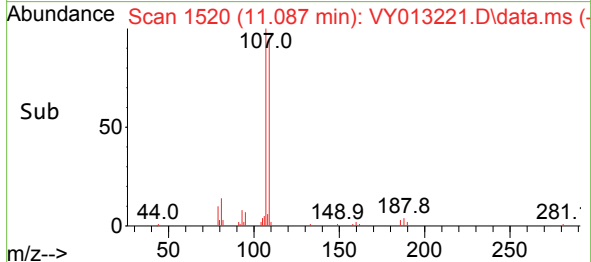
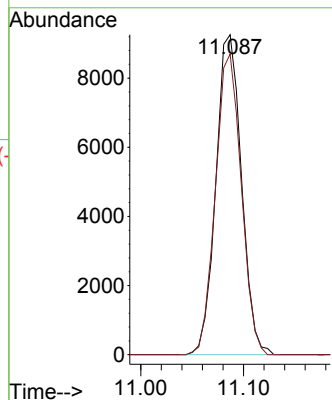
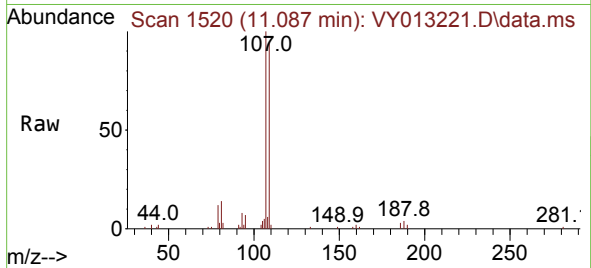




#61
1,2-Dibromoethane
Concen: 21.172 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

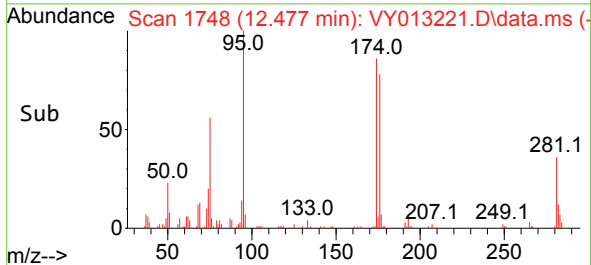
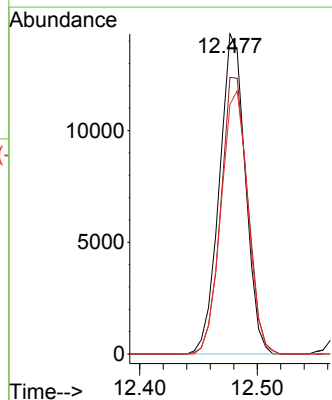
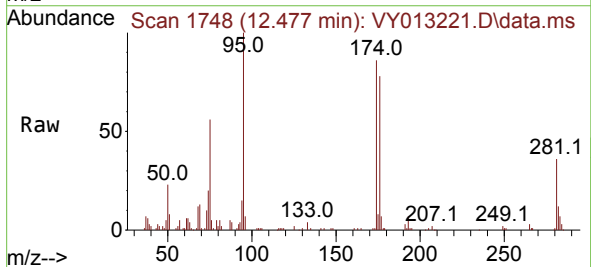
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

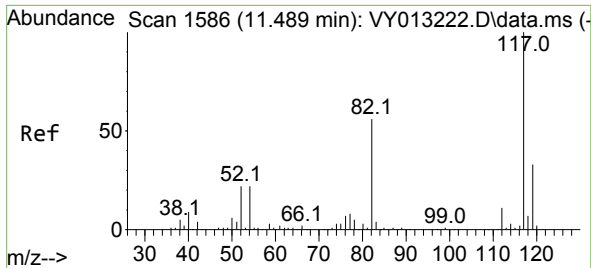
Tgt Ion:107 Resp: 15971
Ion Ratio Lower Upper
107 100
109 94.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 21.089 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 95 Resp: 22004
Ion Ratio Lower Upper
95 100
174 89.6 0.0 176.6
176 85.3 0.0 170.2

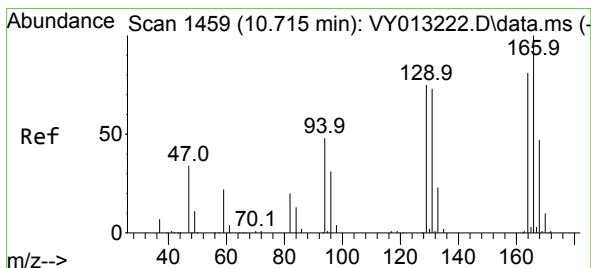
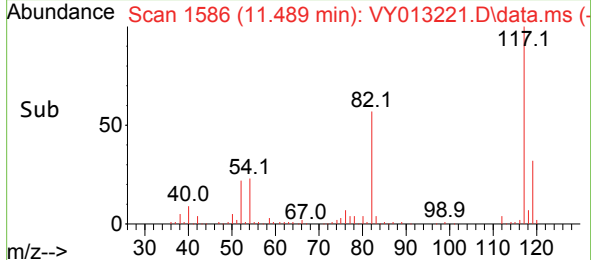
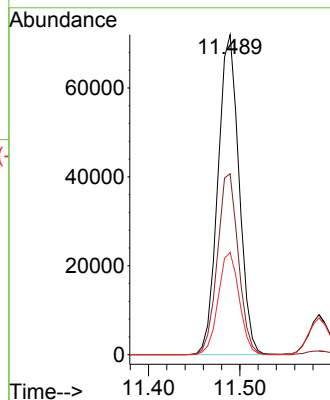
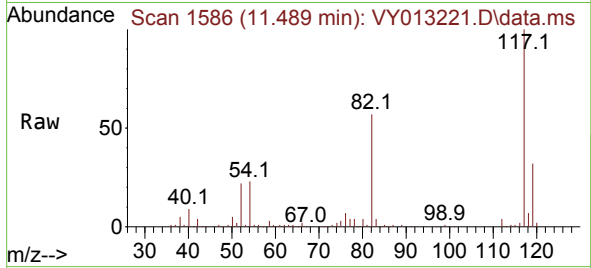




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

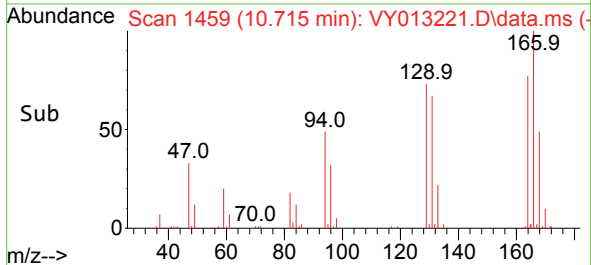
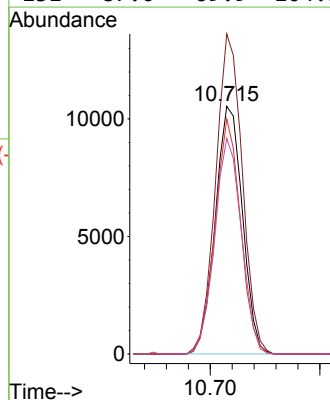
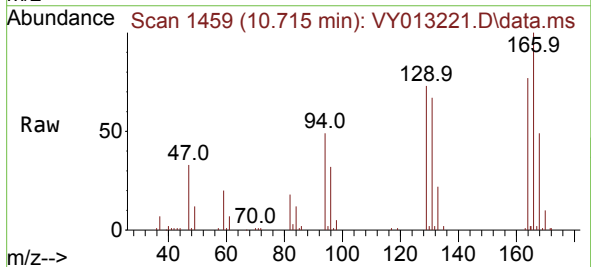
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

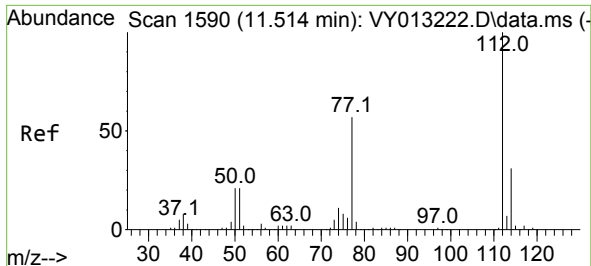
Tgt Ion:117 Resp: 115525
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 19.761 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion:164 Resp: 18144
Ion Ratio Lower Upper
164 100
166 129.2 103.4 155.2
129 94.9 71.4 107.2
131 87.0 69.9 104.9

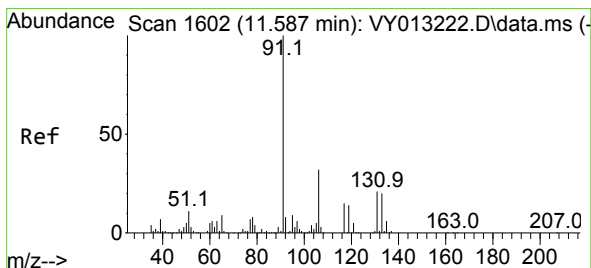
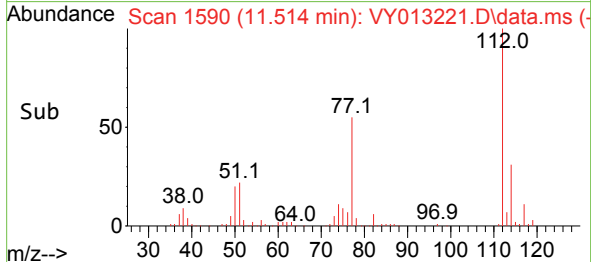
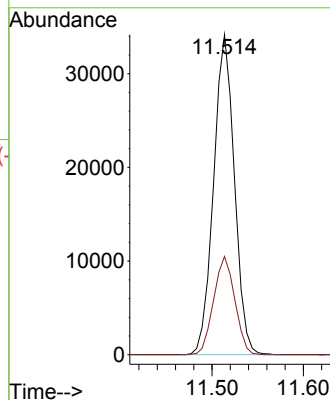
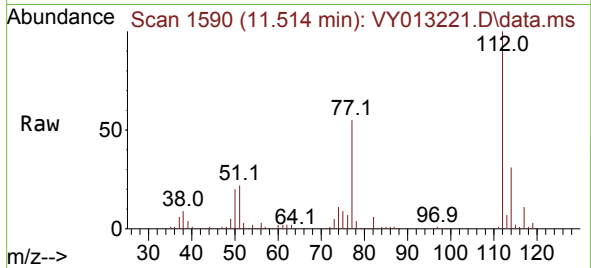




#65
Chlorobenzene
Concen: 21.100 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

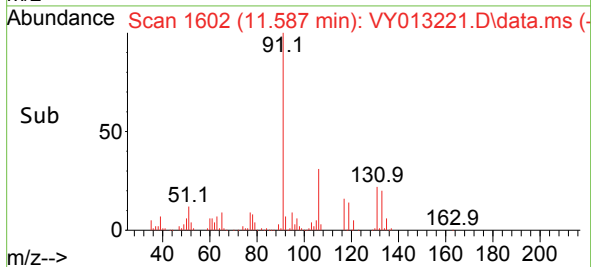
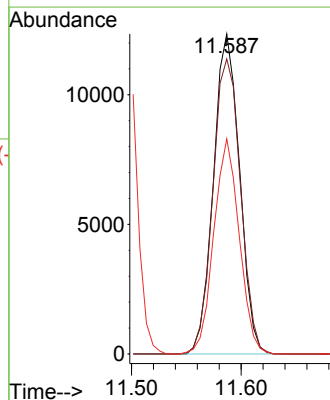
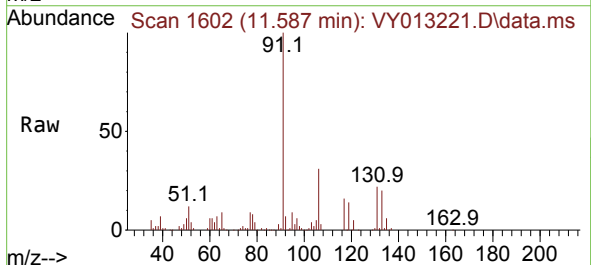
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

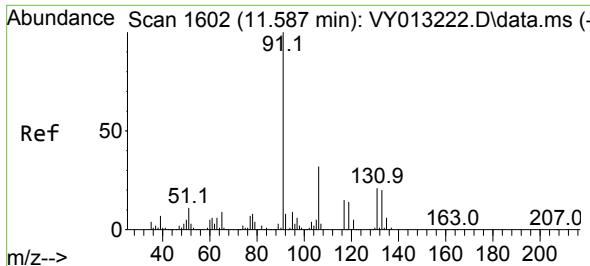
Tgt Ion:112 Resp: 53946
Ion Ratio Lower Upper
112 100
114 30.7 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.766 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion:131 Resp: 20491
Ion Ratio Lower Upper
131 100
133 97.1 48.0 144.0
119 65.3 32.6 98.0

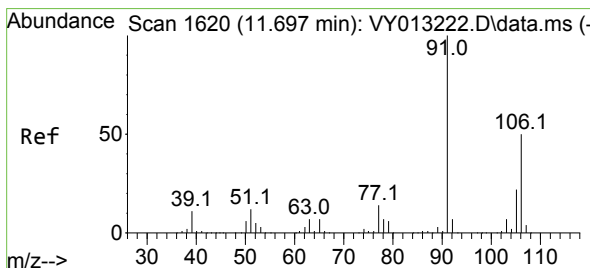
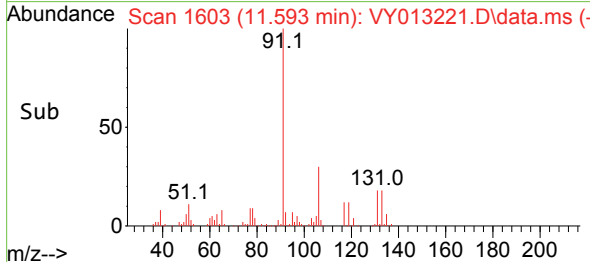
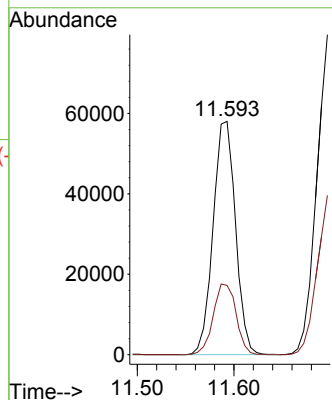
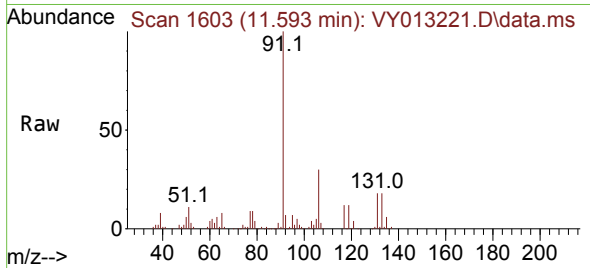




#67
Ethyl Benzene
Concen: 21.383 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

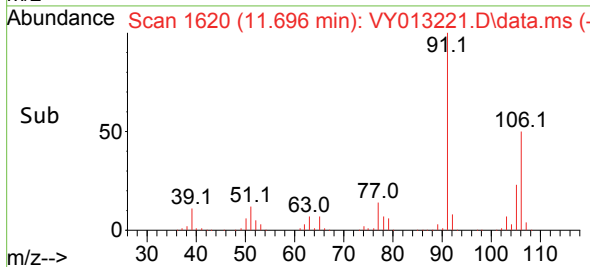
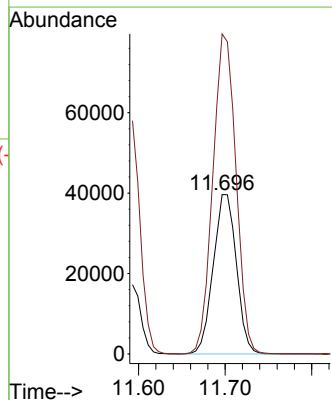
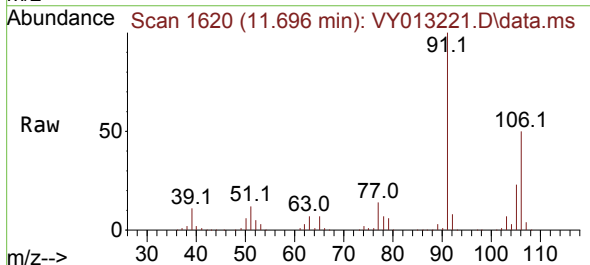
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

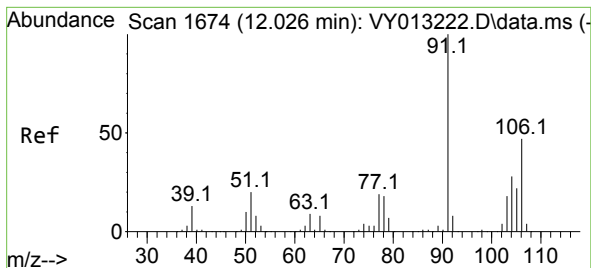
Tgt Ion: 91 Resp: 93358
Ion Ratio Lower Upper
91 100
106 29.7 25.1 37.7



#68
m/p-Xylenes
Concen: 42.848 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion:106 Resp: 73592
Ion Ratio Lower Upper
106 100
91 201.1 159.8 239.8





#69

o-Xylene

Concen: 20.508 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

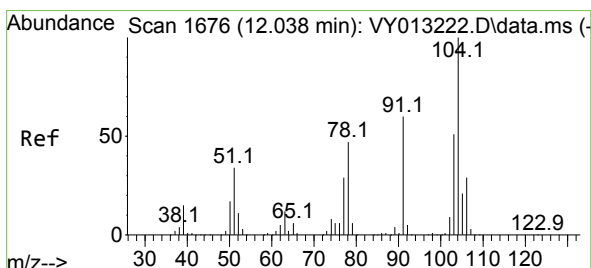
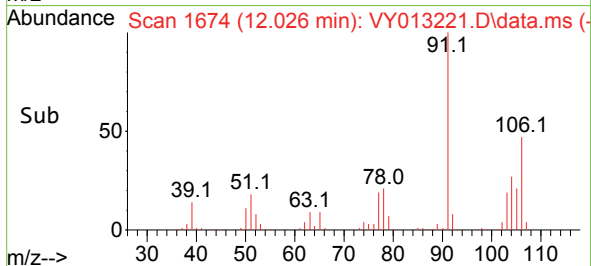
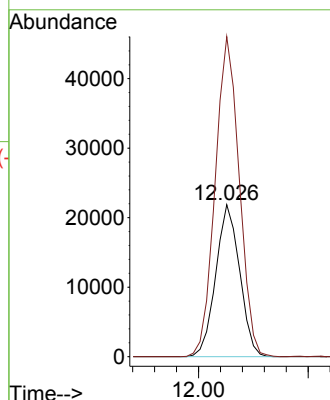
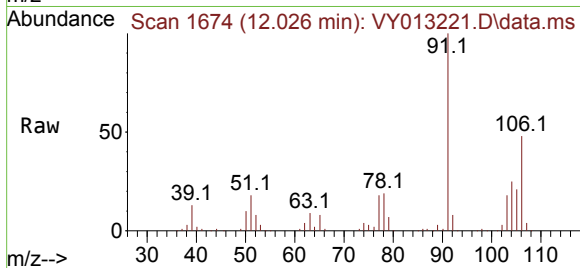
VSTDICC020

Tgt Ion:106 Resp: 33098

Ion Ratio Lower Upper

106 100

91 212.2 107.2 321.6



#70

Styrene

Concen: 21.230 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

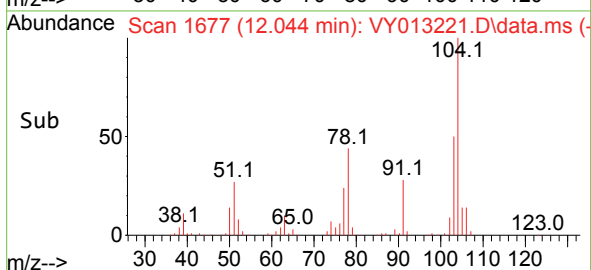
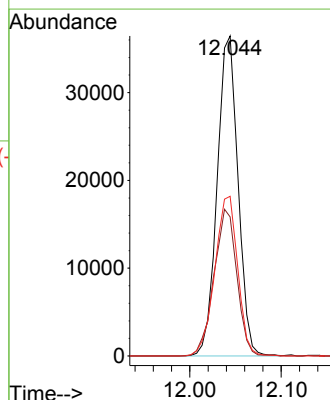
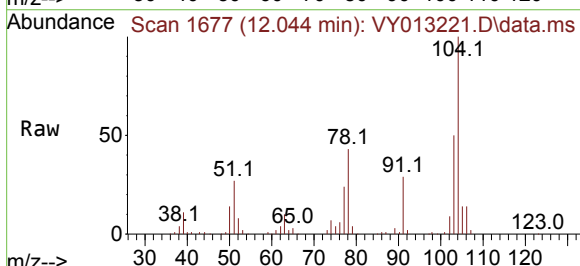
Tgt Ion:104 Resp: 57896

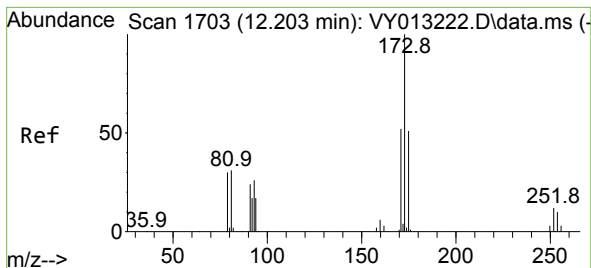
Ion Ratio Lower Upper

104 100

78 50.2 39.2 58.8

103 54.7 43.7 65.5





#71

Bromoform

Concen: 20.107 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

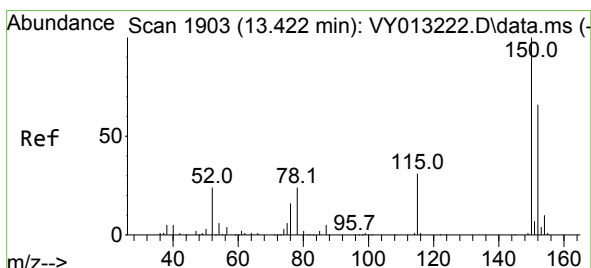
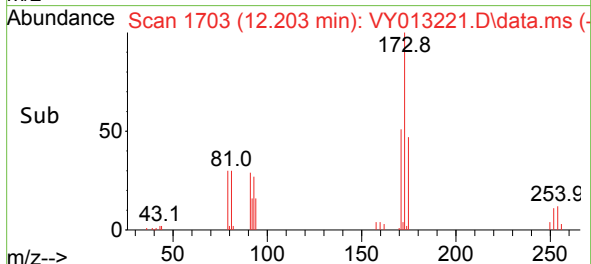
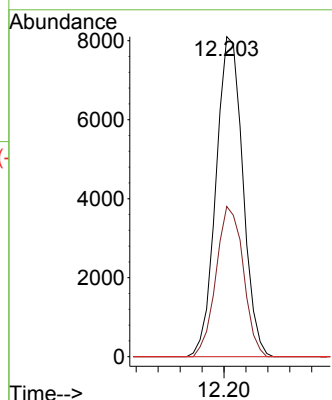
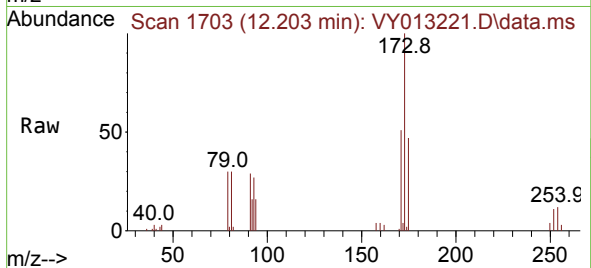
Tgt Ion:173 Resp: 13753

Ion Ratio Lower Upper

173 100

175 47.7 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: VY013221.D

Acq: 07 Apr 2023 17:44

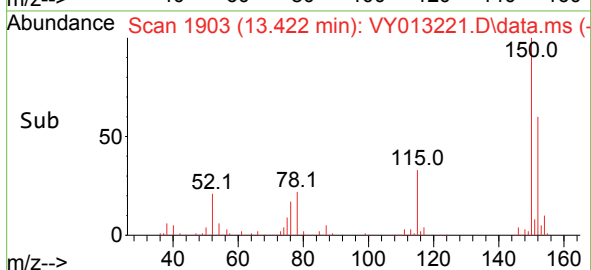
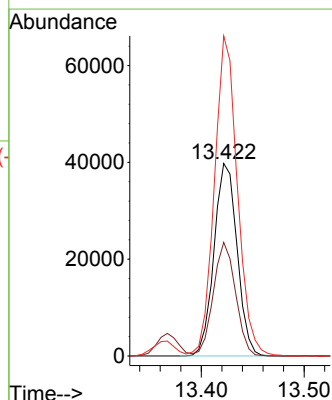
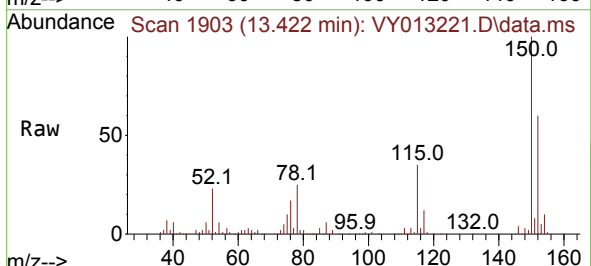
Tgt Ion:152 Resp: 62011

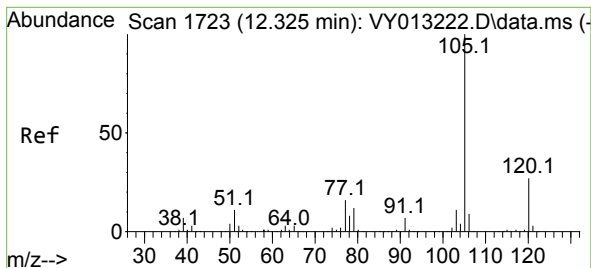
Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 165.8 0.0 347.8





#73

Isopropylbenzene

Concen: 20.735 ug/l

RT: 12.324 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

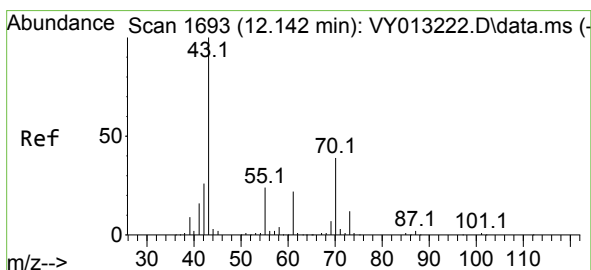
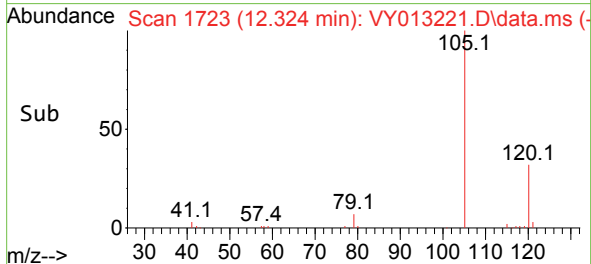
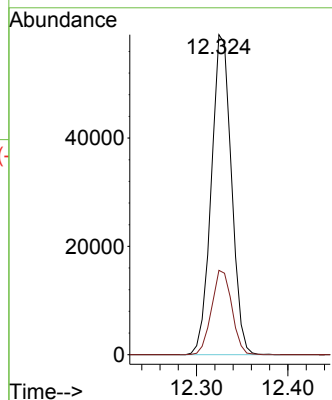
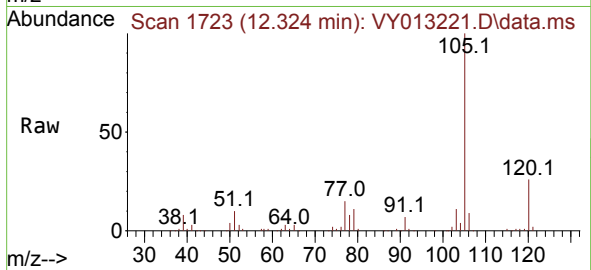
VSTDIC020

Tgt Ion:105 Resp: 90265

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 23.232 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Tgt Ion: 43 Resp: 31075

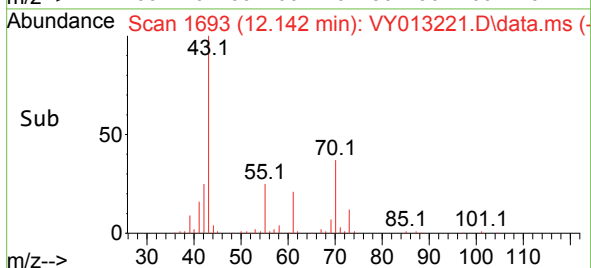
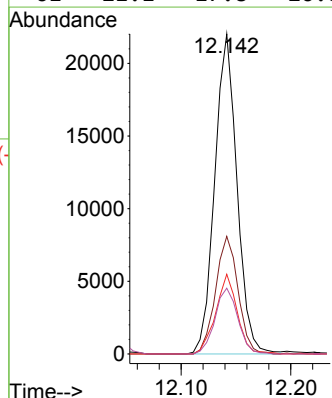
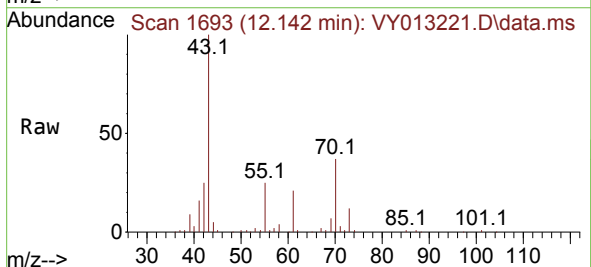
Ion Ratio Lower Upper

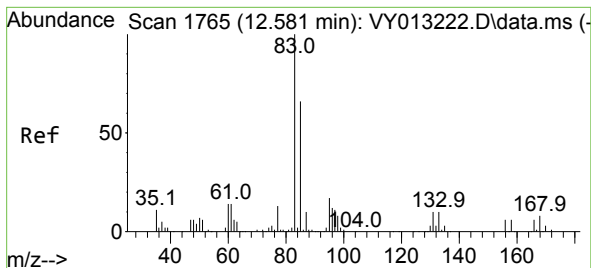
43 100

70 37.1 31.6 47.4

55 24.1 18.8 28.2

61 21.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.129 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

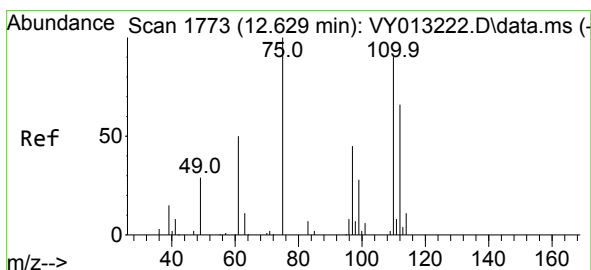
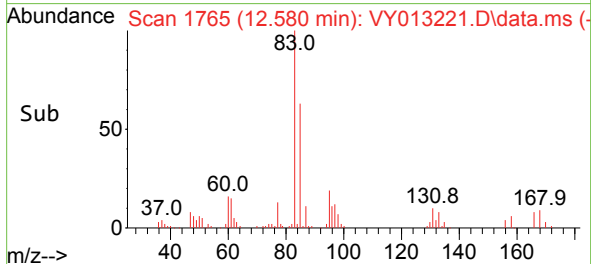
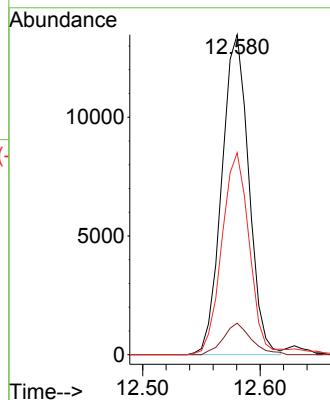
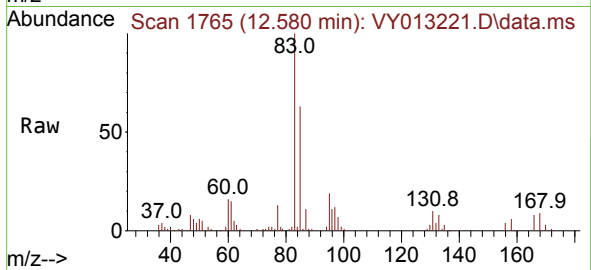
Tgt Ion: 83 Resp: 21530

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 65.7 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 38.195 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013221.D

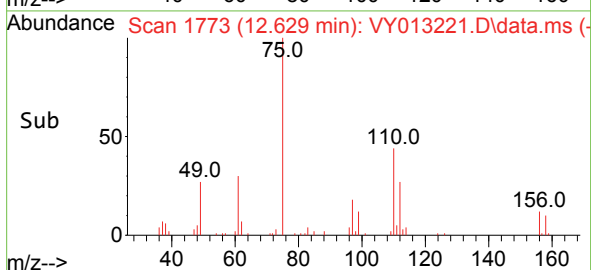
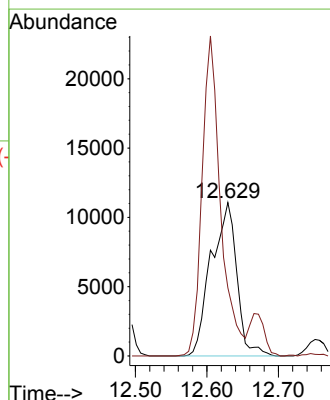
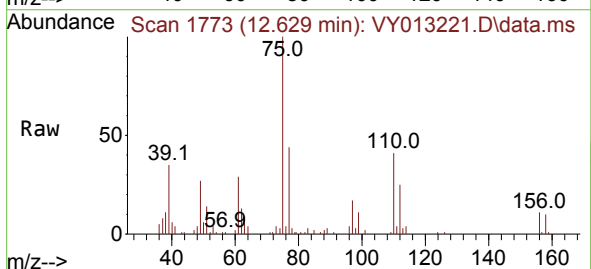
Acq: 07 Apr 2023 17:44

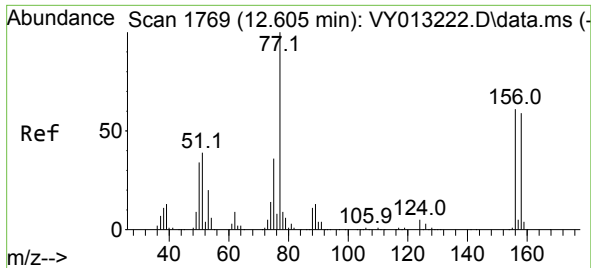
Tgt Ion: 75 Resp: 27603

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

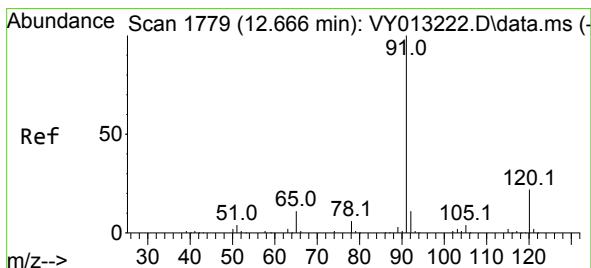
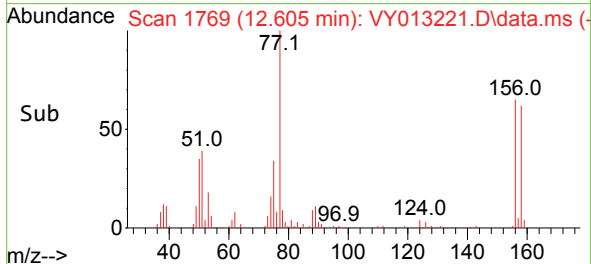
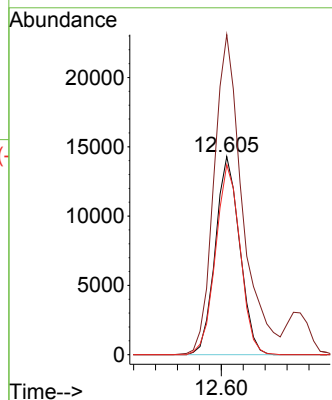
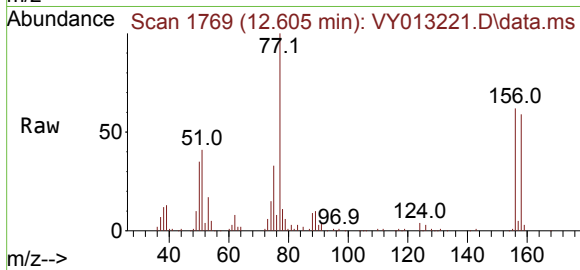




#77
Bromobenzene
Concen: 19.769 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

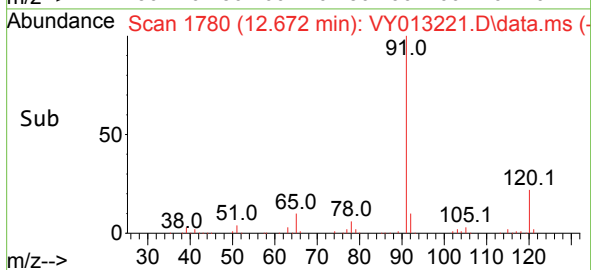
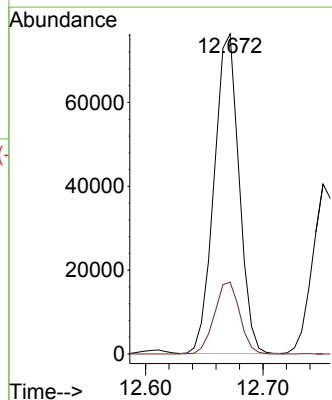
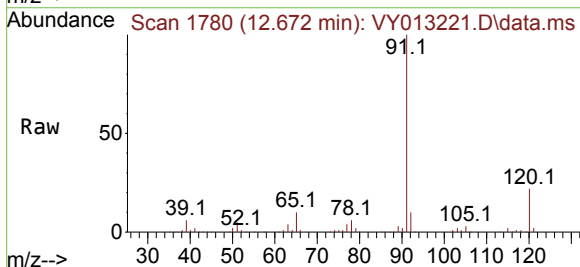
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

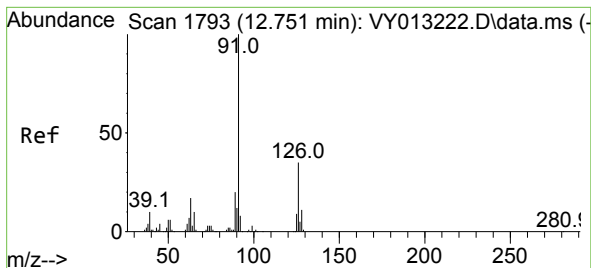
Tgt Ion:156 Resp: 22103
Ion Ratio Lower Upper
156 100
77 188.5 94.0 282.1
158 96.3 48.1 144.4



#78
n-propylbenzene
Concen: 21.540 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 91 Resp: 112335
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

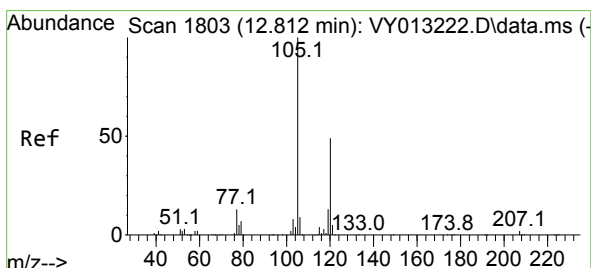
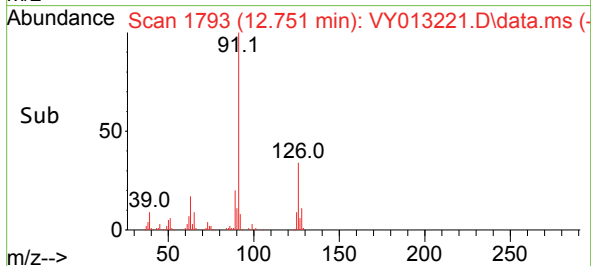
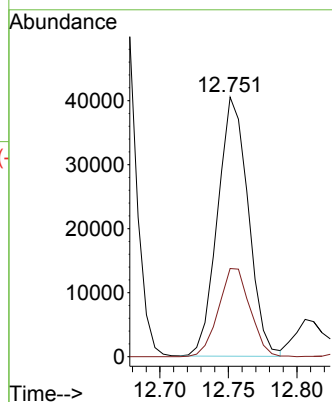
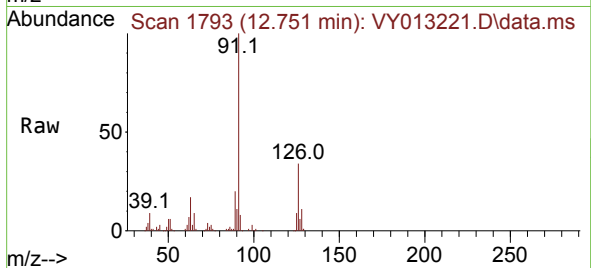




#79
2-Chlorotoluene
Concen: 21.341 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

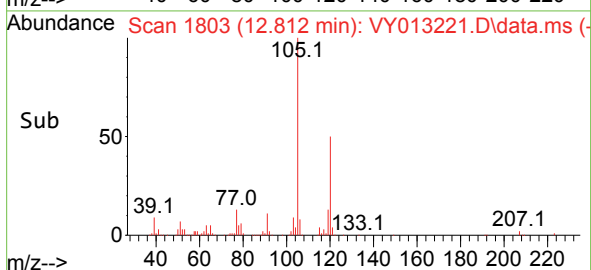
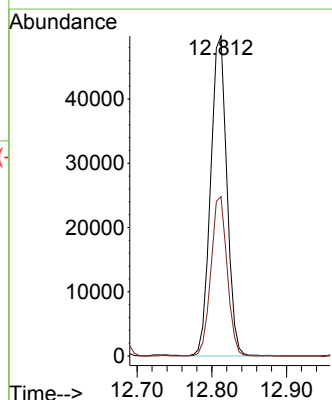
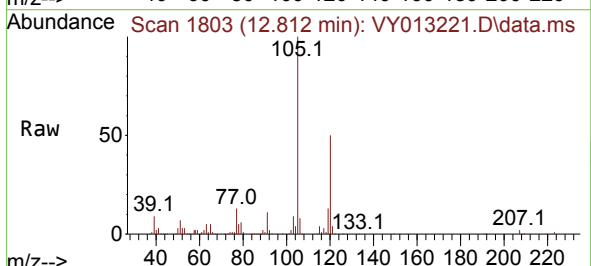
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

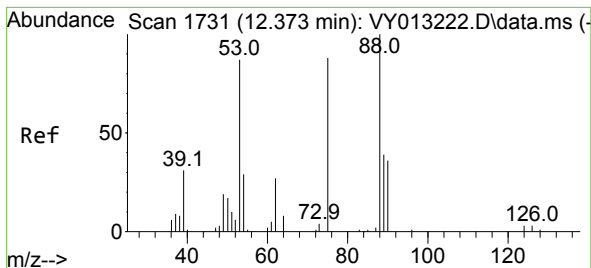
Tgt Ion: 91 Resp: 63195
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.567 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 105 Resp: 75506
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4

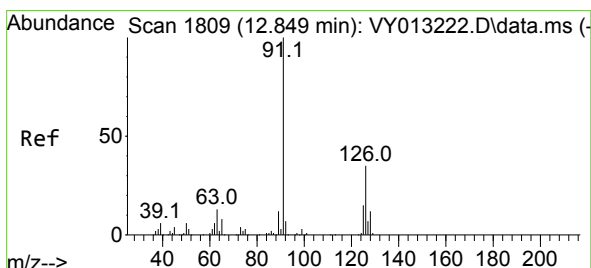
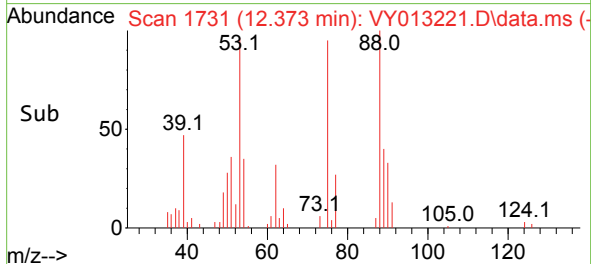
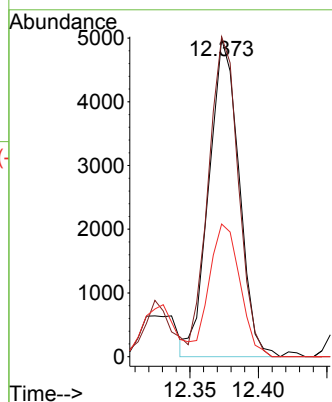
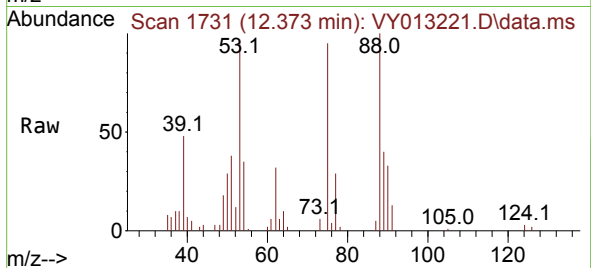




#81
trans-1,4-Dichloro-2-butene
Concen: 21.826 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

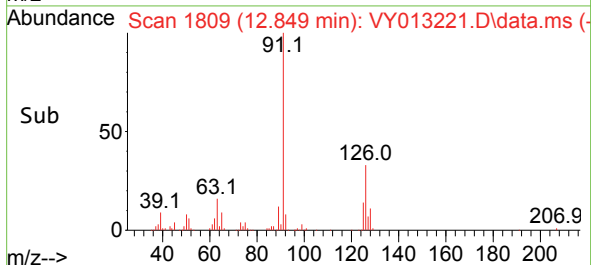
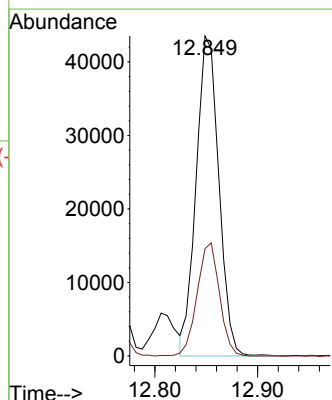
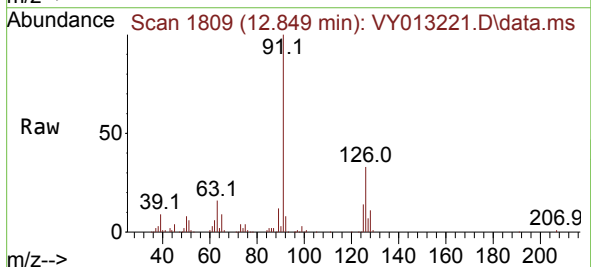
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

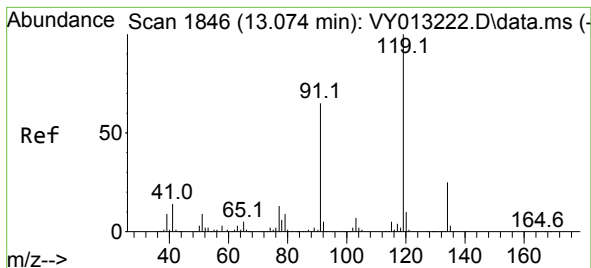
Tgt Ion:	75	Resp:	7615
Ion	Ratio	Lower	Upper
75	100		
53	99.9	73.4	110.0
89	42.8	36.6	55.0



#82
4-Chlorotoluene
Concen: 21.464 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY013221.D
Acq: 07 Apr 2023 17:44

Tgt Ion:	91	Resp:	66976
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.7	53.1





#83

tert-Butylbenzene

Concen: 20.173 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

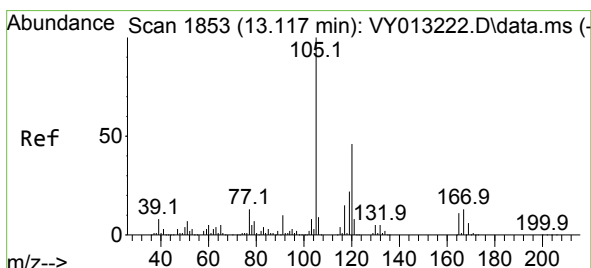
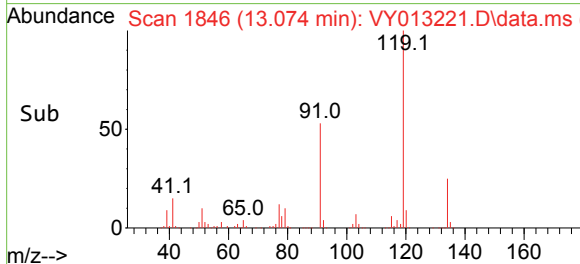
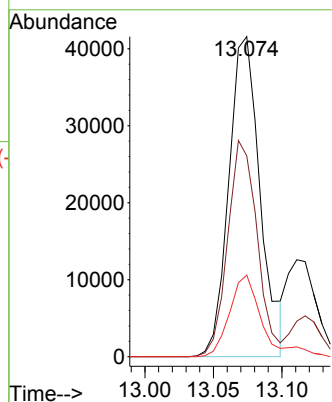
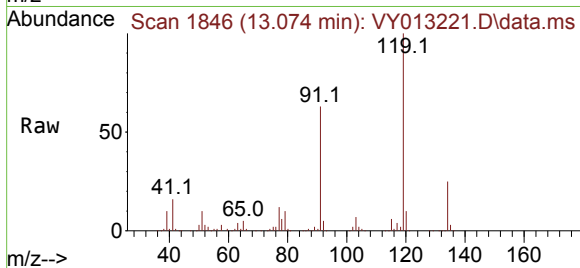
Tgt Ion:119 Resp: 66285

Ion Ratio Lower Upper

119 100

91 63.6 32.8 98.3

134 26.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.448 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013221.D

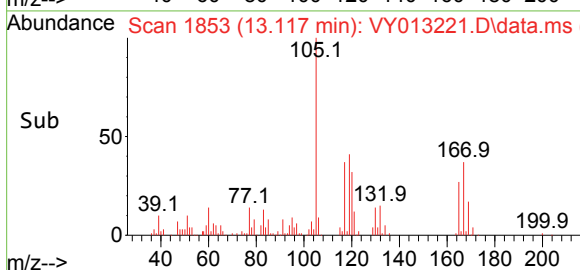
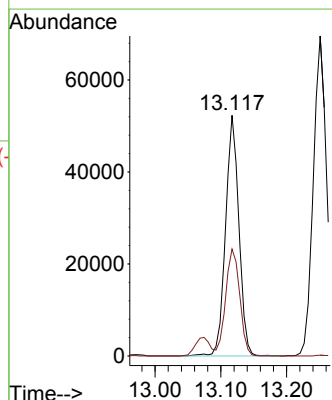
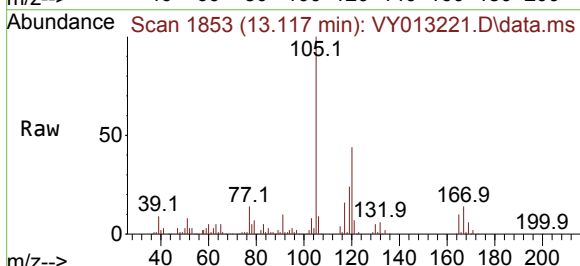
Acq: 07 Apr 2023 17:44

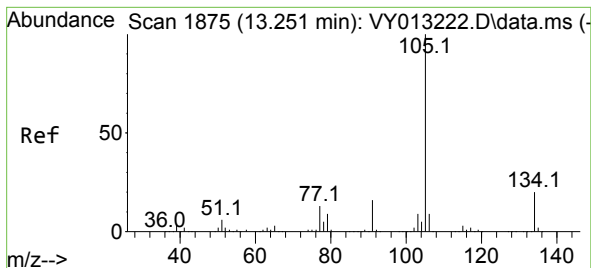
Tgt Ion:105 Resp: 73965

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.963 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

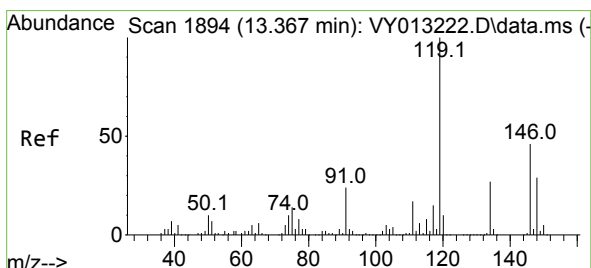
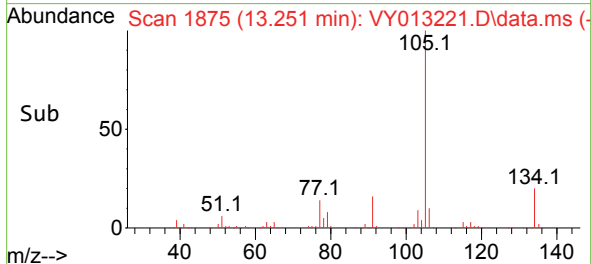
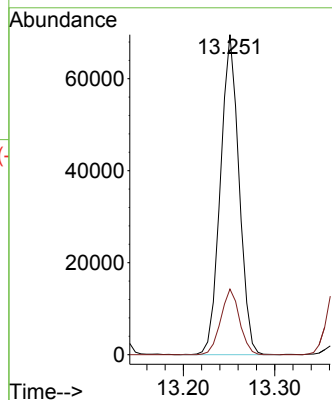
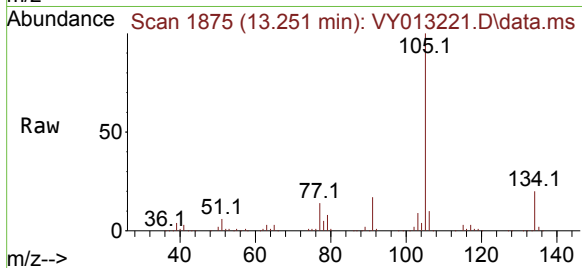
VSTDIC020

Tgt Ion:105 Resp: 98698

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.447 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

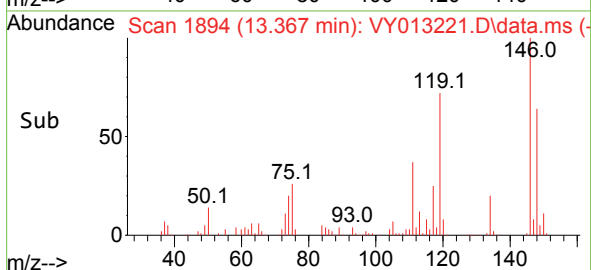
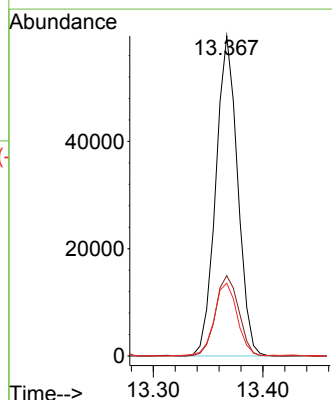
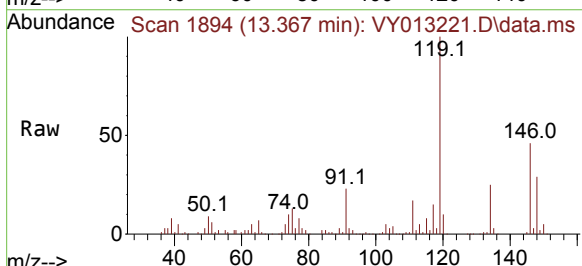
Tgt Ion:119 Resp: 82688

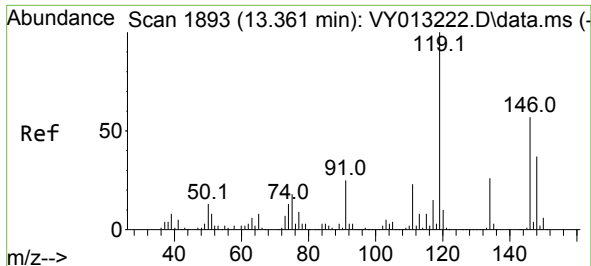
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.6

91 24.1 11.8 35.3

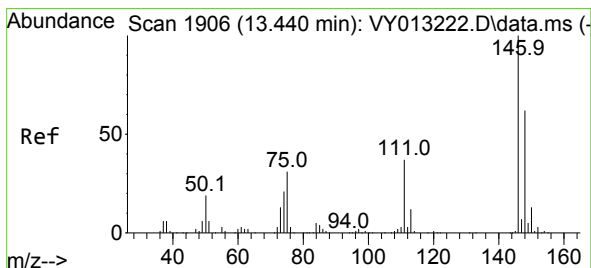
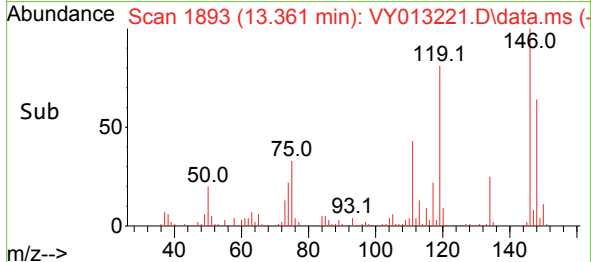
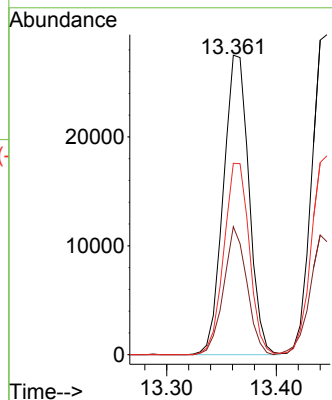
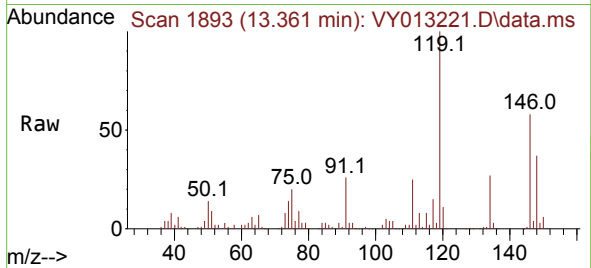




#87
 1,3-Dichlorobenzene
 Concen: 20.337 ug/l
 RT: 13.361 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY013221.D
 Acq: 07 Apr 2023 17:44

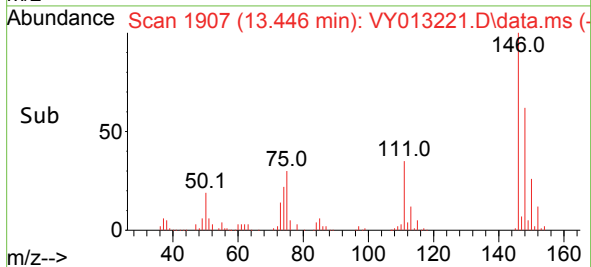
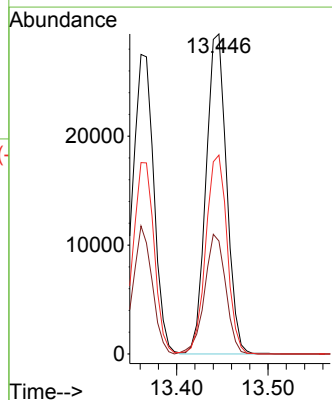
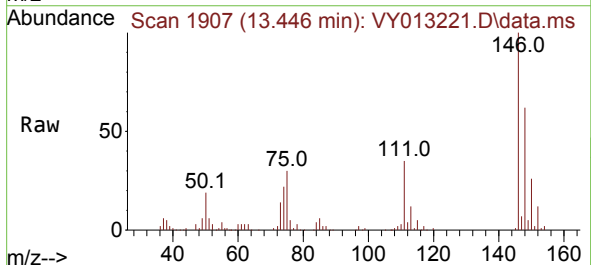
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

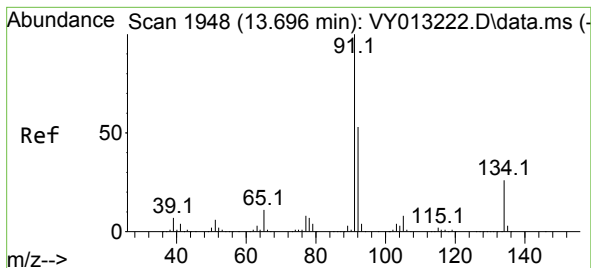
Tgt Ion:146 Resp: 44638
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.750 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY013221.D
 Acq: 07 Apr 2023 17:44

Tgt Ion:146 Resp: 45862
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.8
 148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 21.033 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

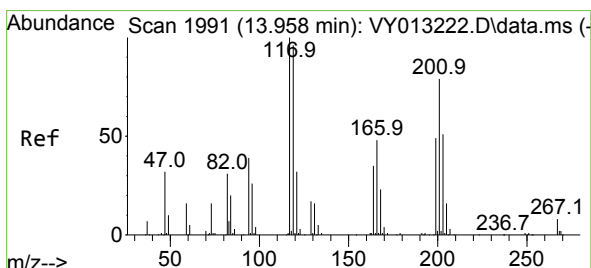
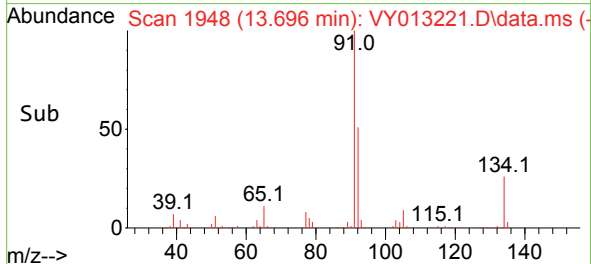
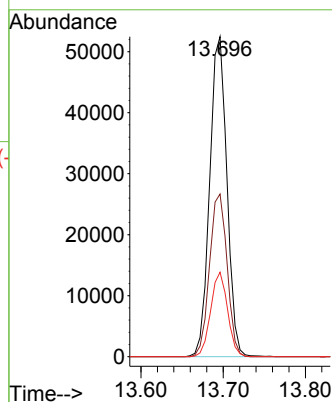
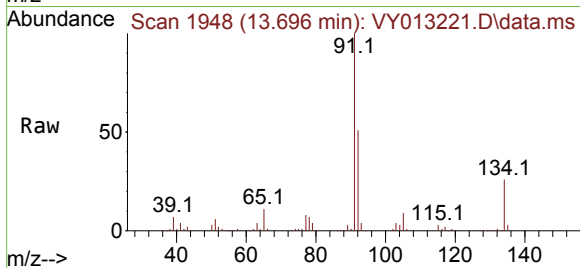
Tgt Ion: 91 Resp: 76171

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 21.055 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013221.D

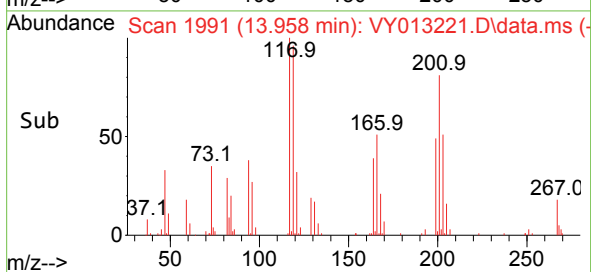
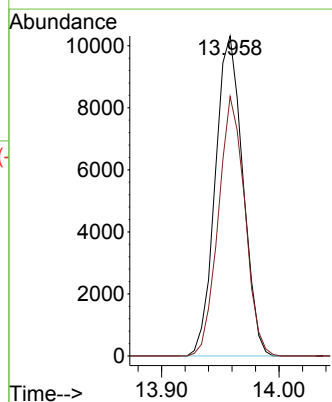
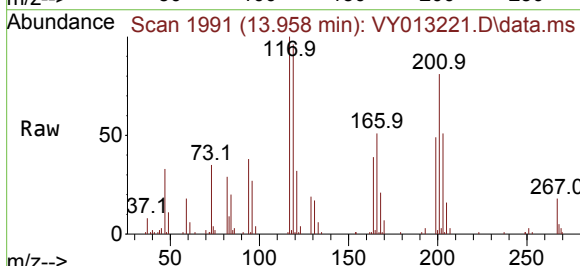
Acq: 07 Apr 2023 17:44

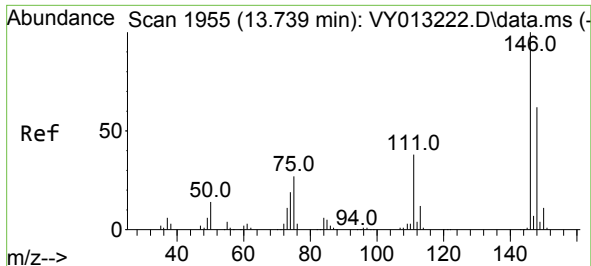
Tgt Ion: 117 Resp: 16820

Ion Ratio Lower Upper

117 100

201 77.9 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 20.876 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

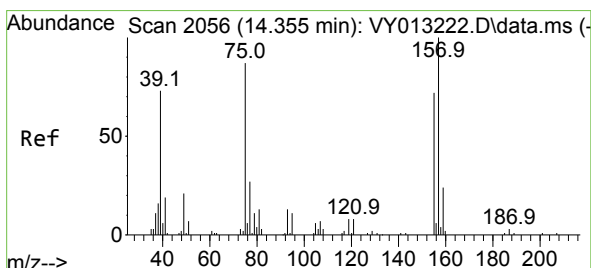
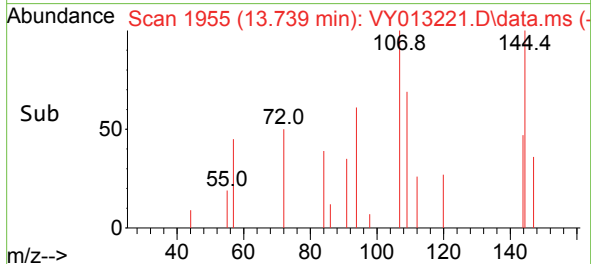
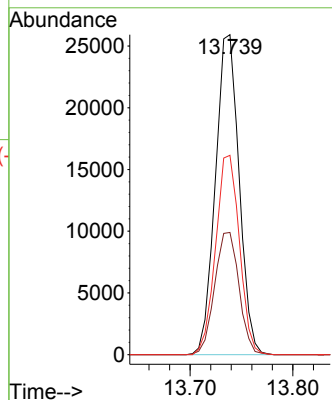
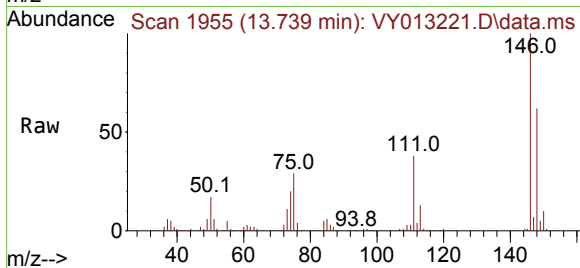
Tgt Ion:146 Resp: 41486

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

148 62.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.902 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

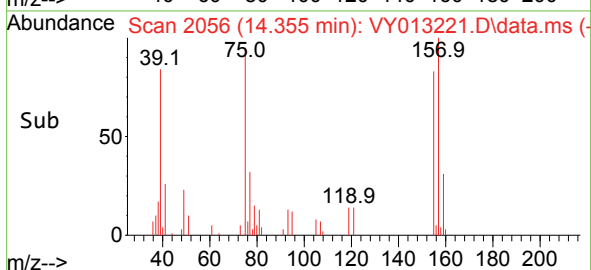
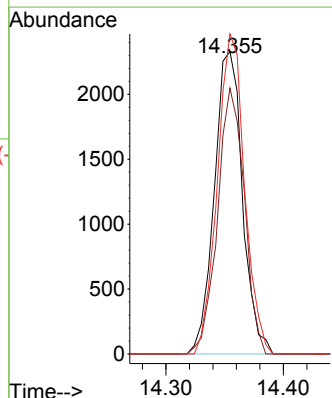
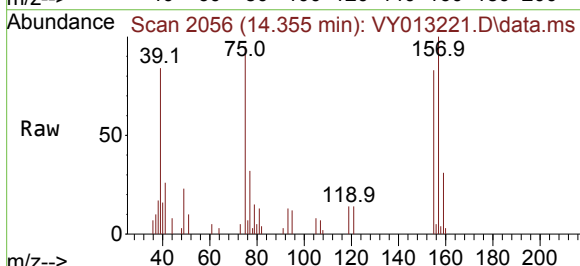
Tgt Ion: 75 Resp: 3880

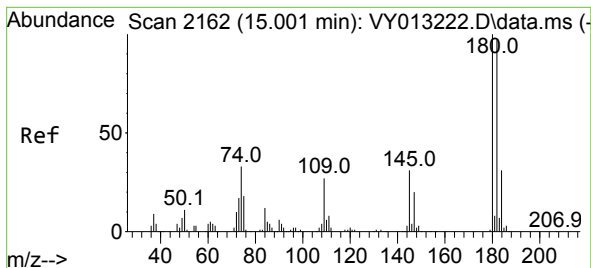
Ion Ratio Lower Upper

75 100

155 83.5 43.8 131.4

157 102.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 18.764 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

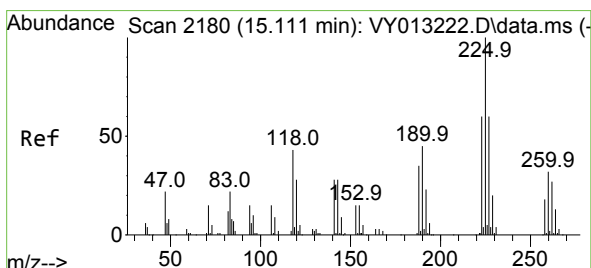
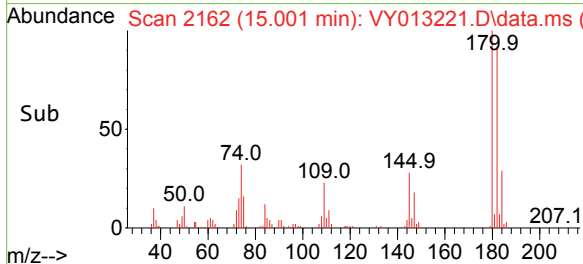
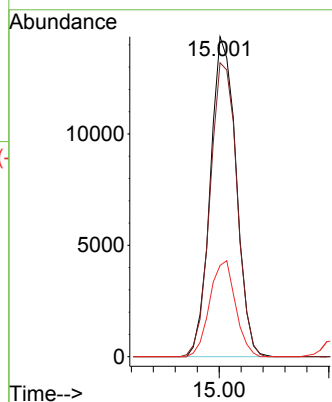
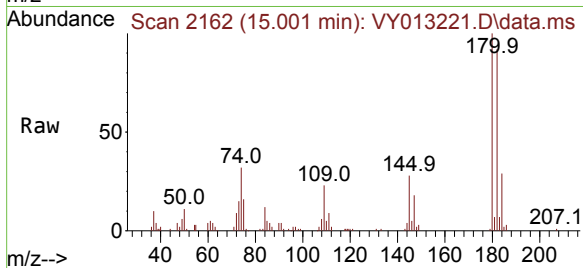
Tgt Ion:180 Resp: 23431

Ion Ratio Lower Upper

180 100

182 95.4 46.7 140.1

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 18.704 ug/l

RT: 15.104 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

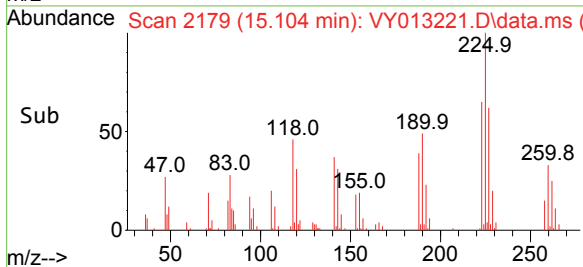
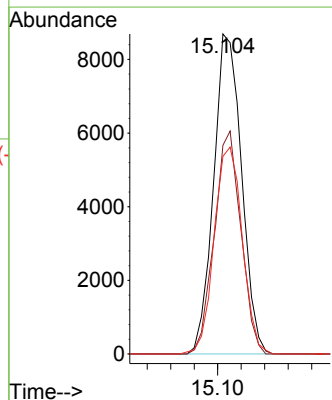
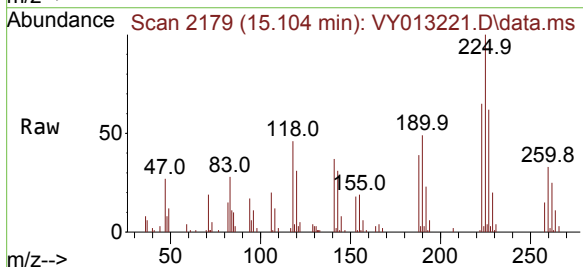
Tgt Ion:225 Resp: 14356

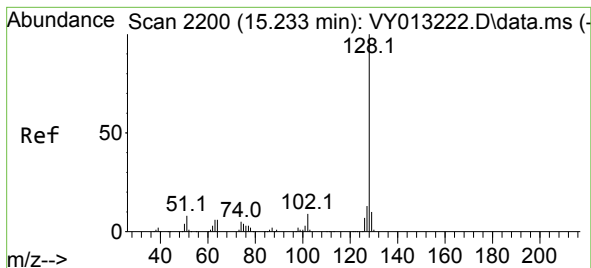
Ion Ratio Lower Upper

225 100

223 66.1 31.1 93.3

227 65.0 32.4 97.0





#95

Naphthalene

Concen: 17.933 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

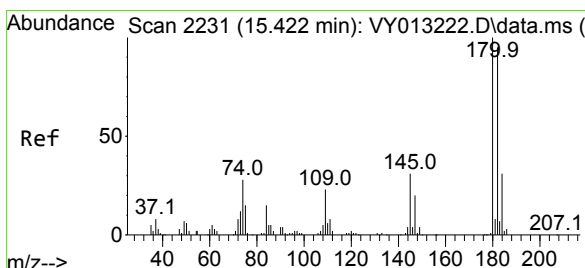
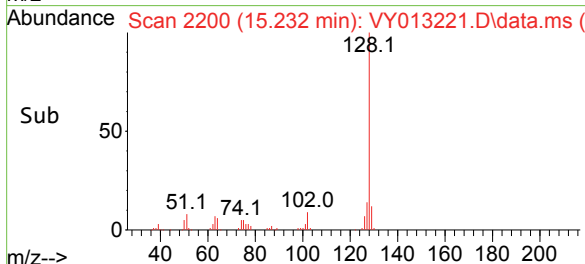
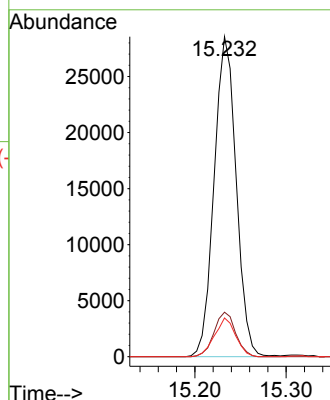
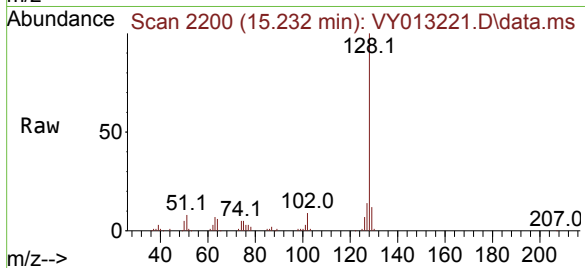
Tgt Ion:128 Resp: 47835

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.551 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013221.D

Acq: 07 Apr 2023 17:44

Tgt Ion:180 Resp: 21686

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 32.2 15.3 45.8

