

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013219.D
 Acq On : 07 Apr 2023 16:59
 Operator : KP/MD
 Sample : VSTDCCC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 07 23:02:45 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	81467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	5857	6.440	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.880%#		
35) Dibromofluoromethane	7.710	113	4555	5.412	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.820%#		
50) Toluene-d8	10.179	98	15534	5.101	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.200%#		
62) 4-Bromofluorobenzene	12.477	95	5301	5.058	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.120%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	3838	5.228	ug/l	95
3) Chloromethane	2.107	50	7623	12.438	ug/l	97
4) Vinyl Chloride	2.247	62	4613	5.869	ug/l	93
5) Bromomethane	2.650	94	2716	4.992	ug/l	89
6) Chloroethane	2.790	64	4004	7.815	ug/l	90
7) Trichlorofluoromethane	3.125	101	7334	5.429	ug/l	86
8) Diethyl Ether	3.522	74	2755	5.594	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	4500	5.640	ug/l	97
10) Methyl Iodide	4.082	142	4463	4.352	ug/l	99
11) Tert butyl alcohol	4.930	59	11031	70.862	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	3923	5.239	ug/l	92
13) Acrolein	3.723	56	2550	27.764	ug/l	94
14) Allyl chloride	4.473	41	7883	6.435	ug/l	98
15) Acrylonitrile	5.168	53	8110	31.651	ug/l	98
16) Acetone	3.942	43	10814	35.041	ug/l	93
17) Carbon Disulfide	4.186	76	10840	5.066	ug/l #	92
18) Methyl Acetate	4.473	43	6763	7.449	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	12248	5.446	ug/l	94
20) Methylene Chloride	4.704	84	9016	8.389	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	4608	5.546	ug/l	91
22) Diisopropyl ether	6.119	45	14573	5.901	ug/l #	89
23) Vinyl Acetate	6.058	43	45095	29.052	ug/l	99
24) 1,1-Dichloroethane	6.015	63	8868	6.121	ug/l	99
25) 2-Butanone	6.984	43	14208	35.696	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	9274	6.156	ug/l	91
27) cis-1,2-Dichloroethene	6.978	96	5011	5.237	ug/l	83
28) Bromochloromethane	7.332	49	3948	6.714	ug/l #	90
29) Tetrahydrofuran	7.344	42	6978	30.816	ug/l	99
30) Chloroform	7.509	83	9239	5.866	ug/l	99
31) Cyclohexane	7.783	56	8251	6.502	ug/l #	77
32) 1,1,1-Trichloroethane	7.698	97	8050	5.474	ug/l	96
36) 1,1-Dichloropropene	7.911	75	6635	5.334	ug/l	97
37) Ethyl Acetate	7.076	43	5029	5.961	ug/l #	78
38) Carbon Tetrachloride	7.893	117	7720	5.192	ug/l	96
39) Methylcyclohexane	9.179	83	6622	4.504	ug/l	91
40) Benzene	8.155	78	19582	5.397	ug/l	100

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 MSVOA_Y
 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	7145	16.821	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	6566	5.273	ug/l	97
43) Isopropyl Acetate	8.271	43	9142	6.084	ug/l	96
44) Trichloroethene	8.935	130	5172	5.112	ug/l	85
45) 1,2-Dichloropropane	9.216	63	5085	5.833	ug/l	96
46) Dibromomethane	9.307	93	3083	5.560	ug/l	95
47) Bromodichloromethane	9.490	83	7250	5.496	ug/l	95
48) Methyl methacrylate	9.295	41	3661	5.352	ug/l	92
49) 1,4-Dioxane	9.295	88	770	98.623	ug/l #	82
51) 4-Methyl-2-Pentanone	10.063	43	24468	29.360	ug/l	96
52) Toluene	10.240	92	11042	4.815	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	7091	5.072	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	7873	5.317	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	4188	5.525	ug/l	93
56) Ethyl methacrylate	10.502	69	4720	4.547	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	7076	5.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	12206	26.711	ug/l	99
59) 2-Hexanone	10.831	43	17145	27.874	ug/l	93
60) Dibromochloromethane	10.977	129	5033	5.115	ug/l	100
61) 1,2-Dibromoethane	11.087	107	3943	5.204	ug/l	94
64) Tetrachloroethene	10.715	164	4408	4.820	ug/l	87
65) Chlorobenzene	11.514	112	13394	5.260	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	5321	5.414	ug/l	95
67) Ethyl Benzene	11.587	91	20842	4.793	ug/l	97
68) m/p-Xylenes	11.703	106	15489	9.055	ug/l	97
69) o-Xylene	12.026	106	7171	4.461	ug/l	98
70) Styrene	12.038	104	11767	4.332	ug/l	97
71) Bromoform	12.203	173	3463	5.083	ug/l #	97
73) Isopropylbenzene	12.325	105	19629	4.826	ug/l	99
74) N-amyl acetate	12.142	43	6598	5.280	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	5323	5.856	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	6930	10.264	ug/l #	100
77) Bromobenzene	12.605	156	5274	5.049	ug/l	99
78) n-propylbenzene	12.666	91	23759	4.876	ug/l	98
79) 2-Chlorotoluene	12.752	91	14392	5.202	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	15912	4.639	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	1797	5.513	ug/l	89
82) 4-Chlorotoluene	12.849	91	14568	4.997	ug/l	99
83) tert-Butylbenzene	13.075	119	14027	4.569	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	14848	4.394	ug/l	99
85) sec-Butylbenzene	13.251	105	20757	4.719	ug/l	99
86) p-Isopropyltoluene	13.367	119	16671	4.412	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	10810	5.272	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	10738	5.200	ug/l	90
89) n-Butylbenzene	13.697	91	16775	4.958	ug/l	95
90) Hexachloroethane	13.959	117	4241	5.682	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	9475	5.103	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	957	5.518	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	5382	4.613	ug/l	96
94) Hexachlorobutadiene	15.111	225	3804	5.305	ug/l	97
95) Naphthalene	15.233	128	10727	4.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	5208	4.769	ug/l	97

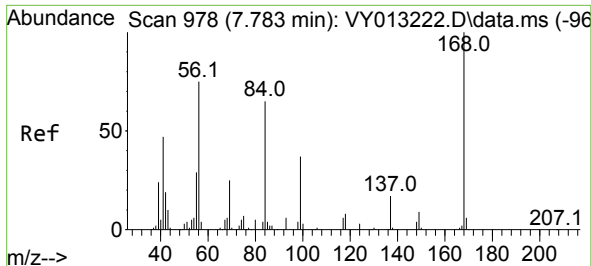
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
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Operator : KP/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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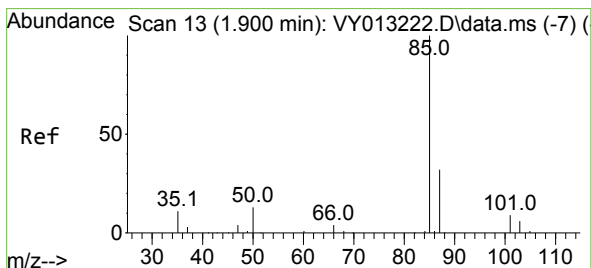
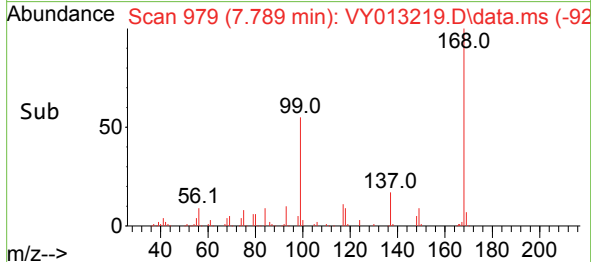
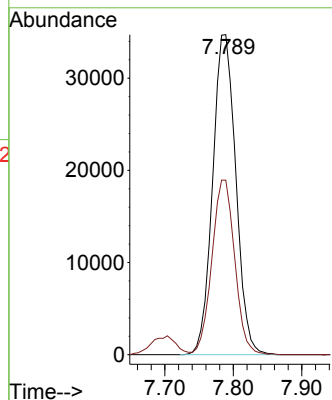
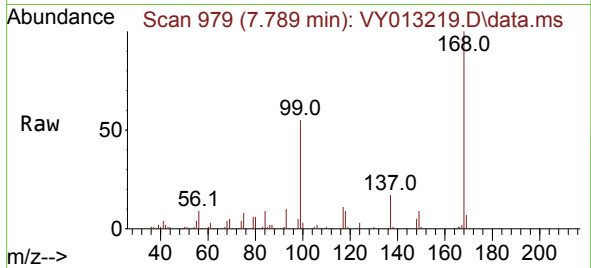
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

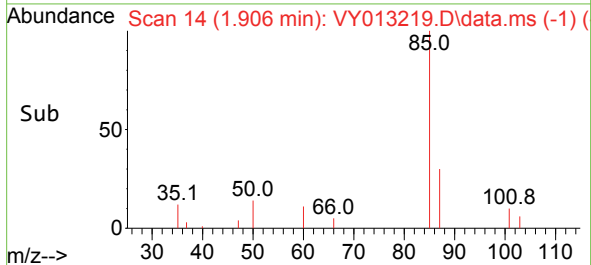
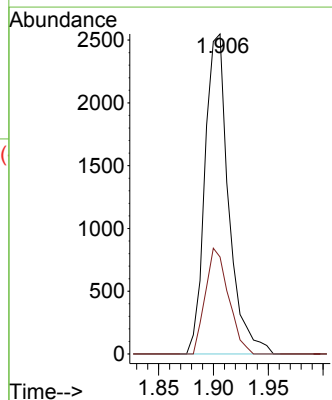
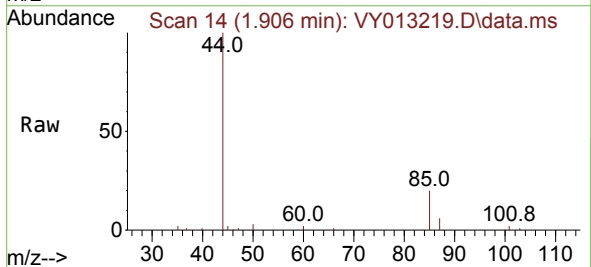
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

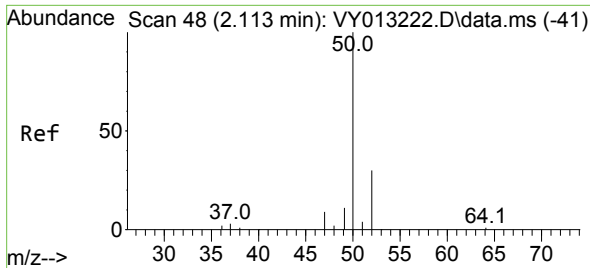
Tgt Ion:168 Resp: 81467
Ion Ratio Lower Upper
168 100
99 54.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 5.228 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 85 Resp: 3838
Ion Ratio Lower Upper
85 100
87 30.3 16.7 50.0

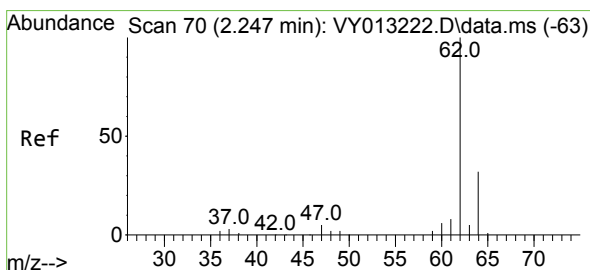
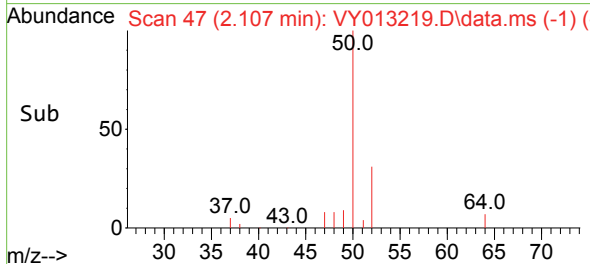
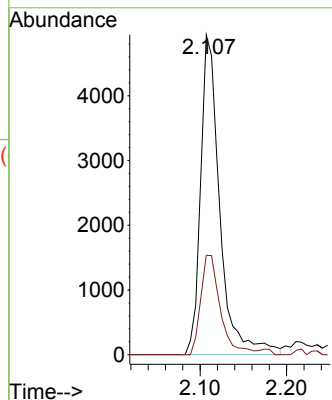
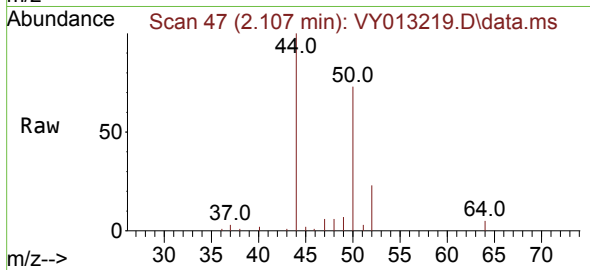




#3
Chloromethane
Concen: 12.438 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

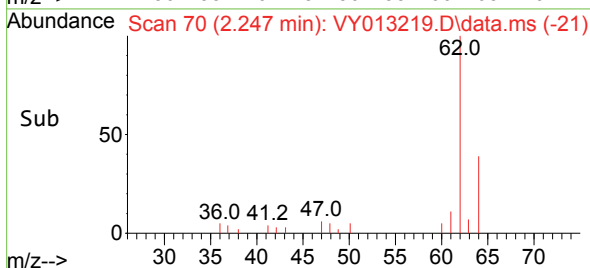
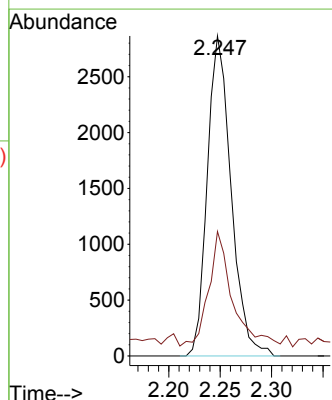
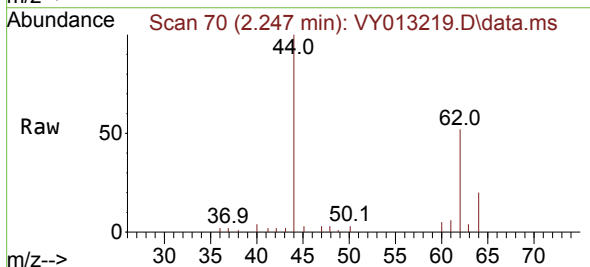
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

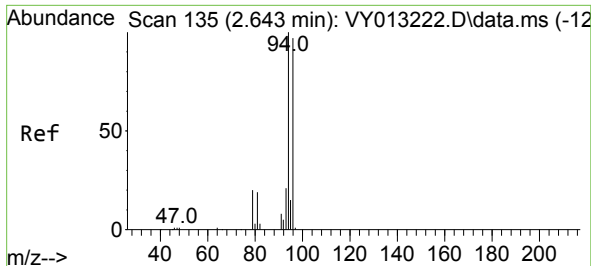
Tgt Ion: 50 Resp: 7623
Ion Ratio Lower Upper
50 100
52 31.1 26.0 39.0



#4
Vinyl Chloride
Concen: 5.869 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 62 Resp: 4613
Ion Ratio Lower Upper
62 100
64 35.8 25.6 38.4





#5

Bromomethane

Concen: 4.992 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

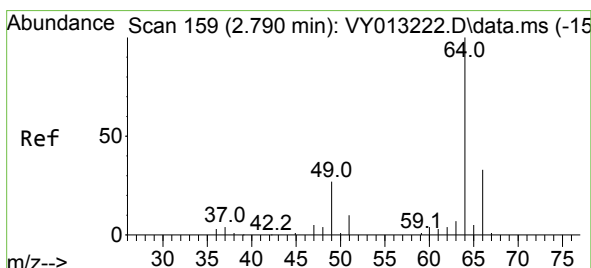
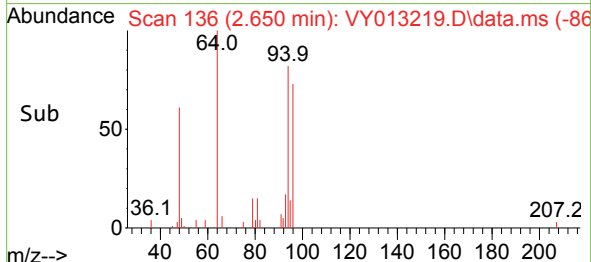
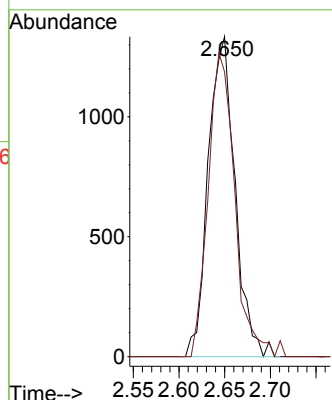
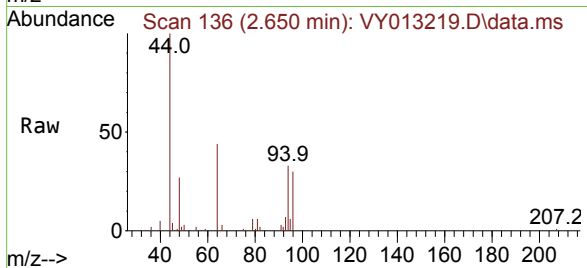
VSTDIC005

Tgt Ion: 94 Resp: 2716

Ion Ratio Lower Upper

94 100

96 89.1 80.3 120.5



#6

Chloroethane

Concen: 7.815 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.000 min

Lab File: VY013219.D

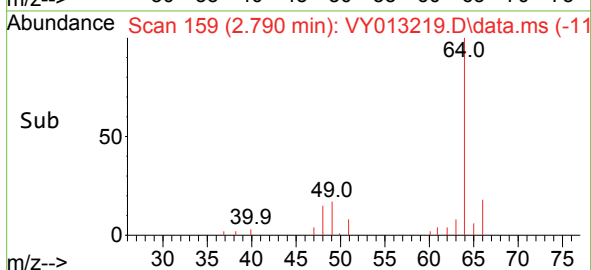
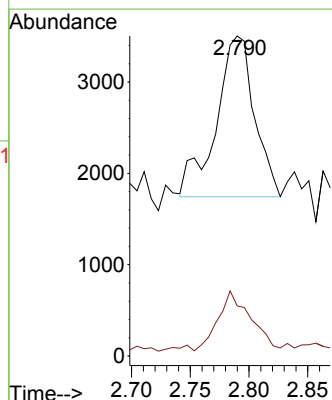
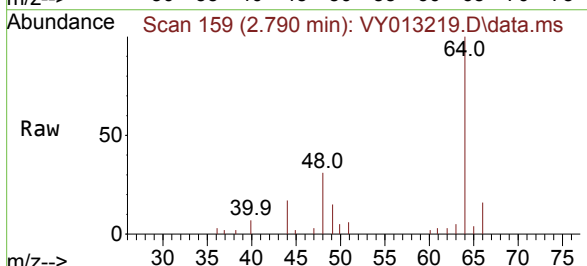
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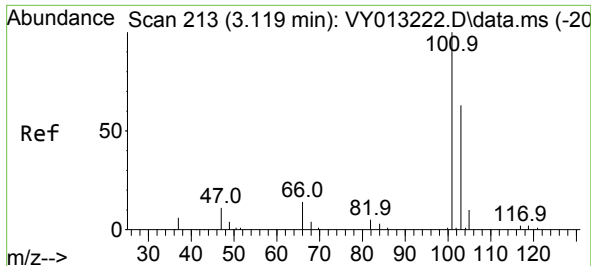
Tgt Ion: 64 Resp: 4004

Ion Ratio Lower Upper

64 100

66 26.4 25.7 38.5

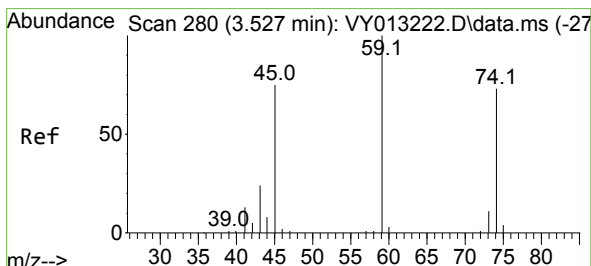
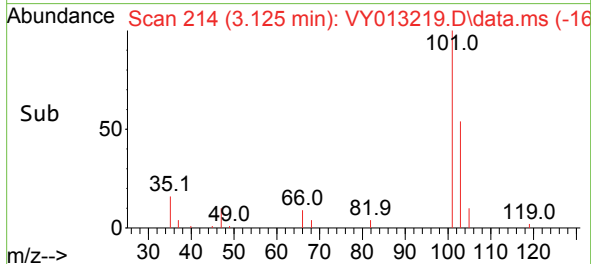
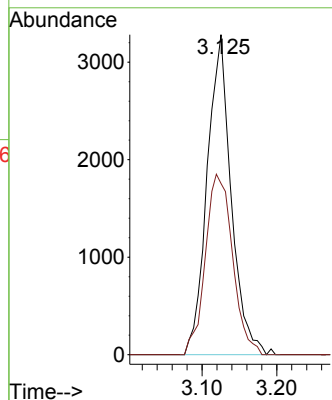
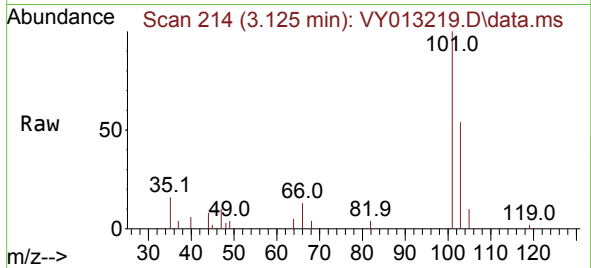




#7
Trichlorofluoromethane
Concen: 5.429 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

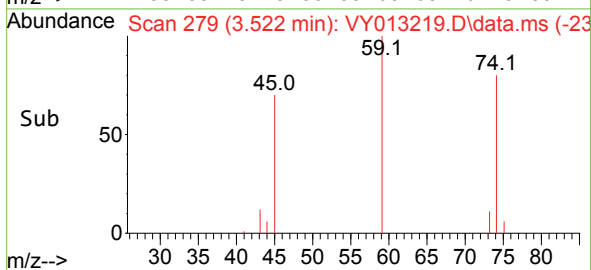
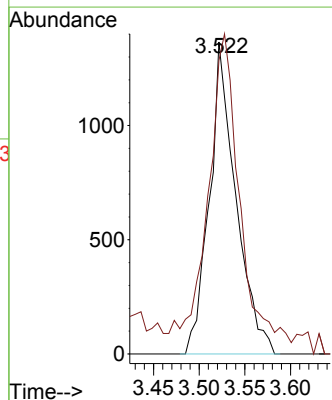
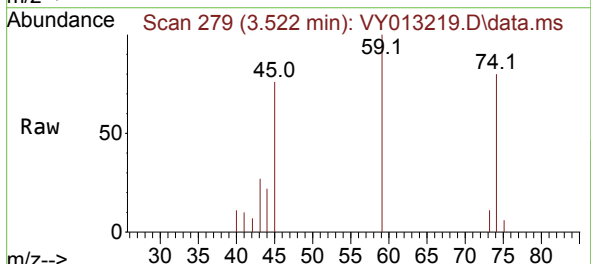
Instrument :
MSVOA_Y
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VSTDIC005

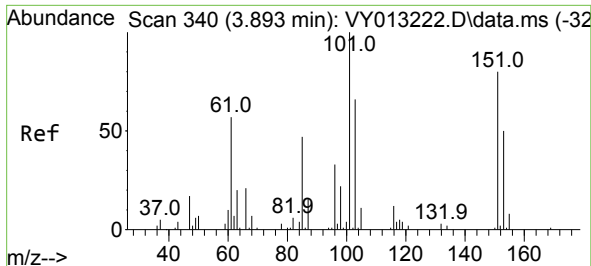
Tgt Ion:101 Resp: 7334
Ion Ratio Lower Upper
101 100
103 53.5 51.5 77.3



#8
Diethyl Ether
Concen: 5.594 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 74 Resp: 2755
Ion Ratio Lower Upper
74 100
45 123.3 52.1 156.4

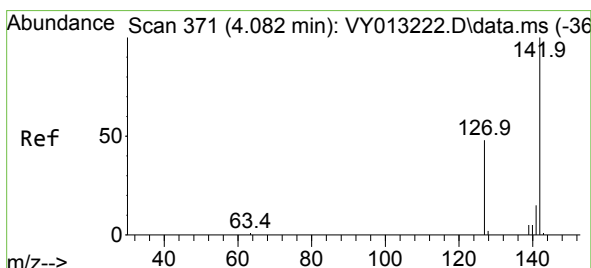
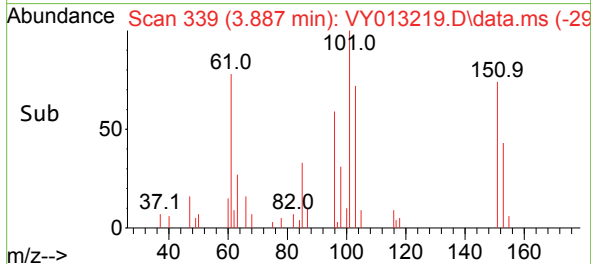
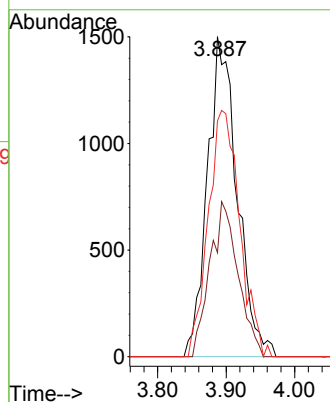
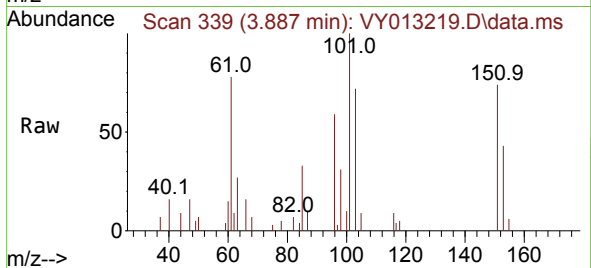




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.640 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013219.D
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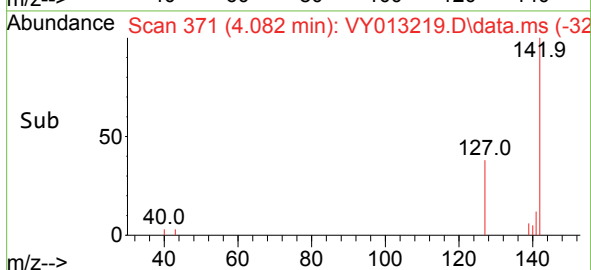
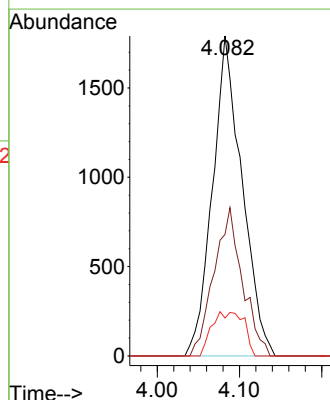
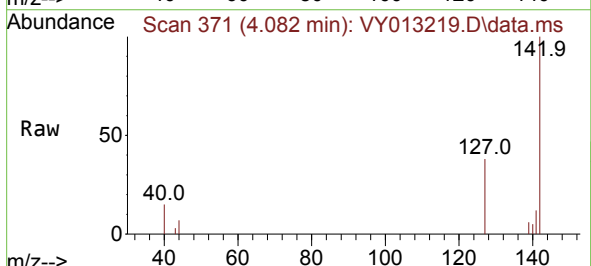
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

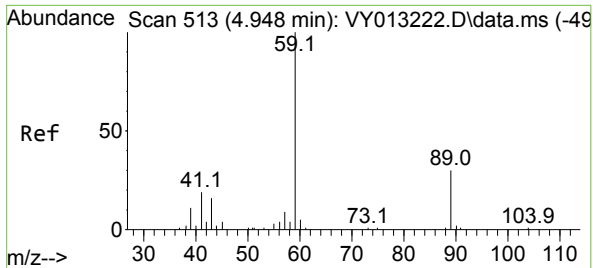
Tgt Ion:101 Resp: 4500
Ion Ratio Lower Upper
101 100
85 46.2 35.3 52.9
151 81.8 63.1 94.7



#10
Methyl Iodide
Concen: 4.352 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion:142 Resp: 4463
Ion Ratio Lower Upper
142 100
127 44.9 35.4 53.2
141 15.0 11.3 16.9

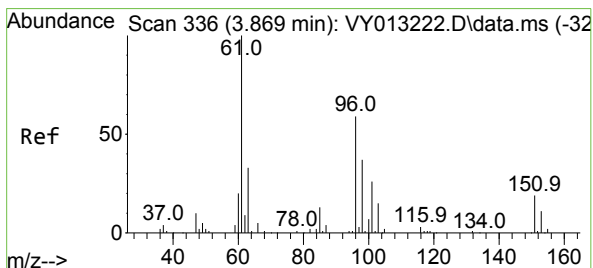
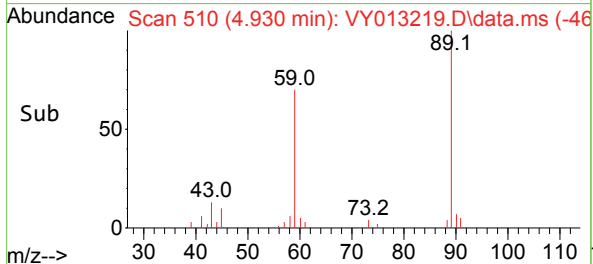
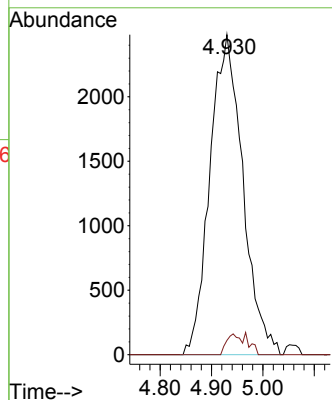
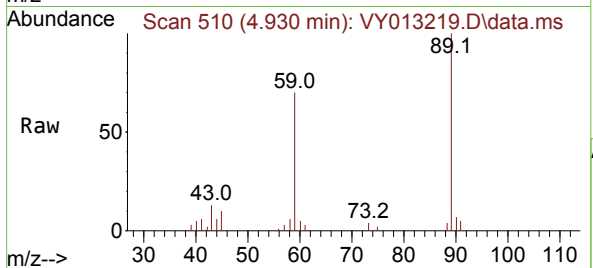




#11
Tert butyl alcohol
Concen: 70.862 ug/l
RT: 4.930 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

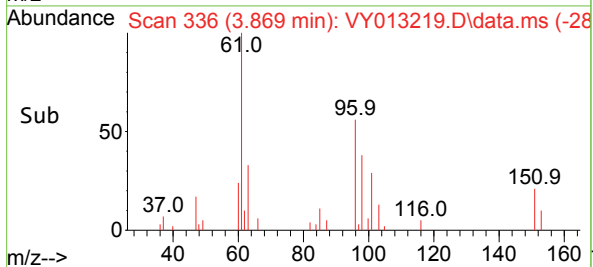
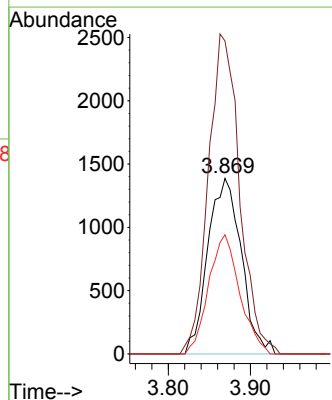
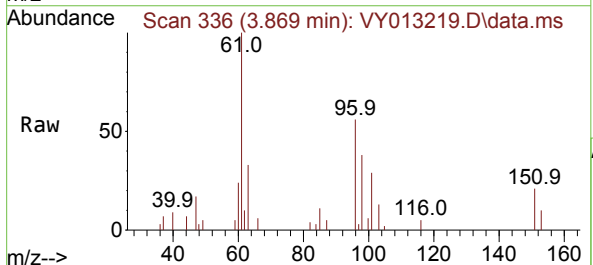
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

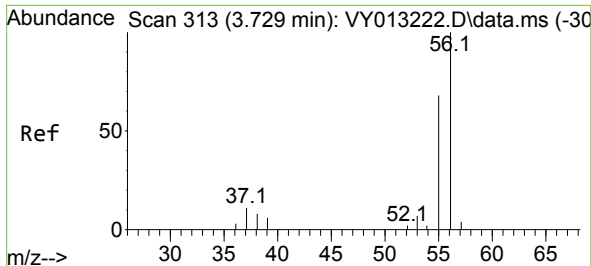
Tgt Ion: 59 Resp: 11031
Ion Ratio Lower Upper
59 100
57 2.8 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 5.239 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 96 Resp: 3923
Ion Ratio Lower Upper
96 100
61 178.3 131.7 197.5
98 67.9 52.0 78.0





#13

Acrolein

Concen: 27.764 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

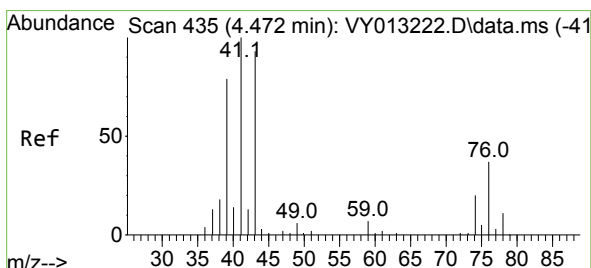
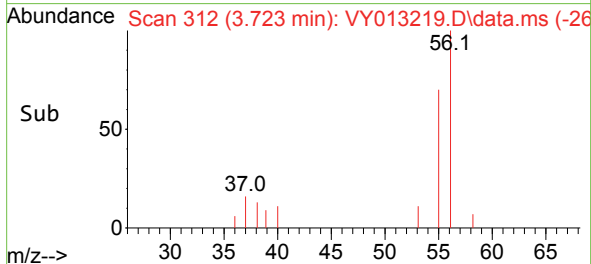
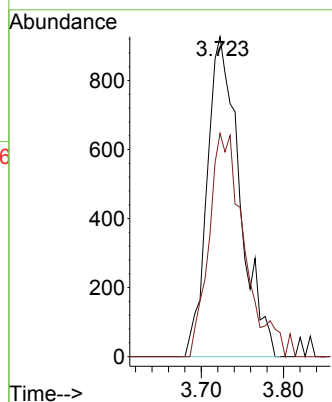
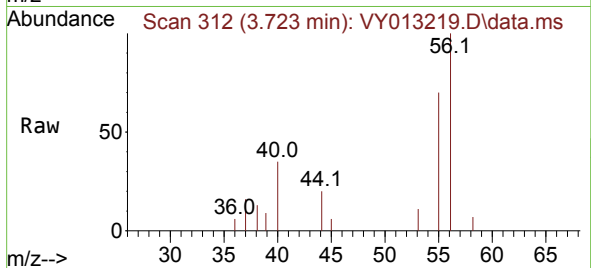
VSTDIC005

Tgt Ion: 56 Resp: 2550

Ion Ratio Lower Upper

56 100

55 76.2 56.8 85.2



#14

Allyl chloride

Concen: 6.435 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

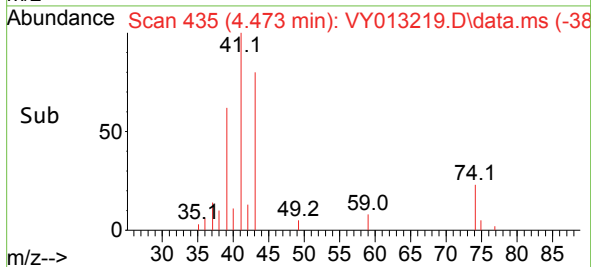
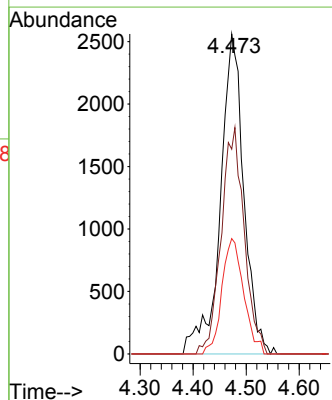
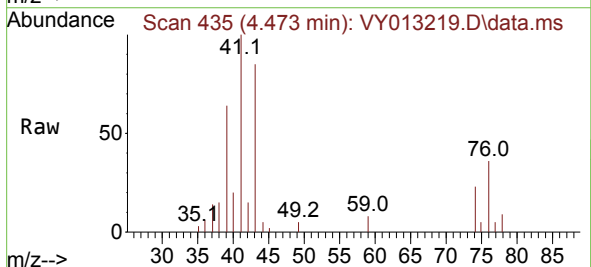
Tgt Ion: 41 Resp: 7883

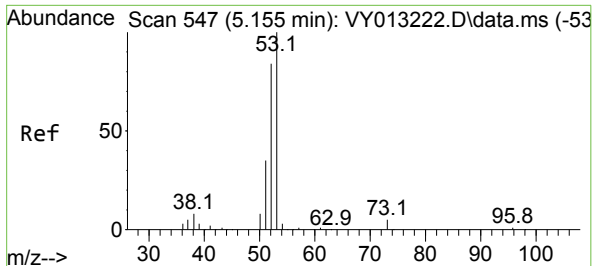
Ion Ratio Lower Upper

41 100

39 69.1 53.6 80.4

76 33.4 27.2 40.8





#15

Acrylonitrile

Concen: 31.651 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.012 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

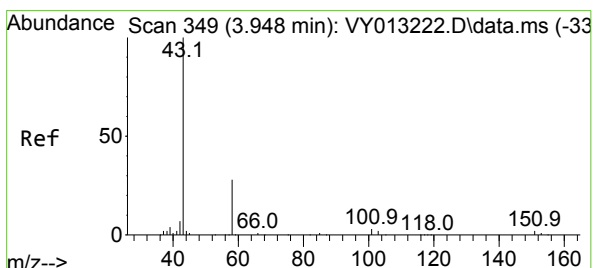
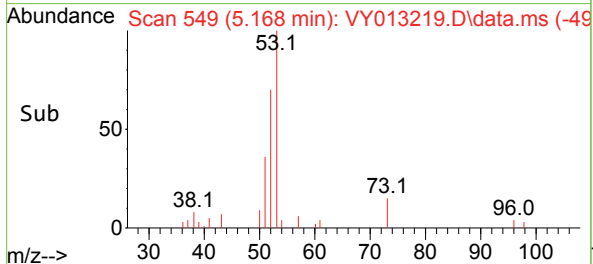
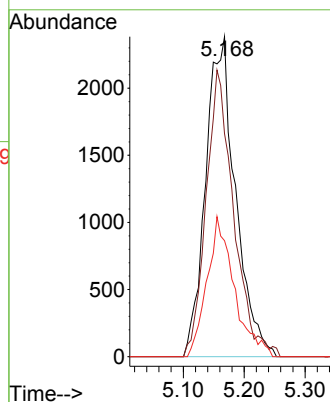
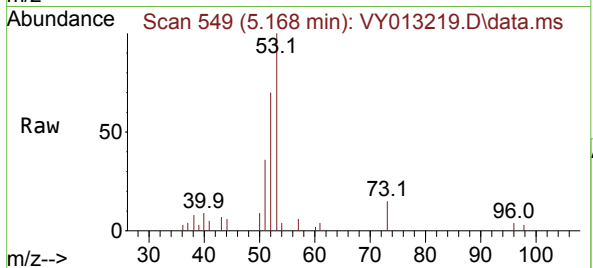
Tgt Ion: 53 Resp: 8110

Ion Ratio Lower Upper

53 100

52 82.8 66.3 99.5

51 39.9 28.8 43.2



#16

Acetone

Concen: 35.041 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY013219.D

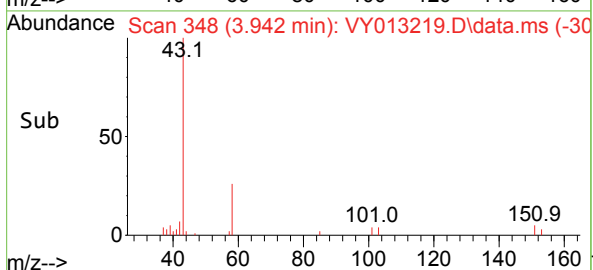
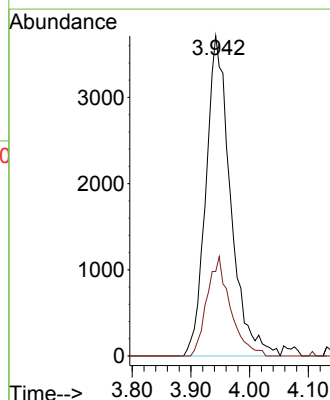
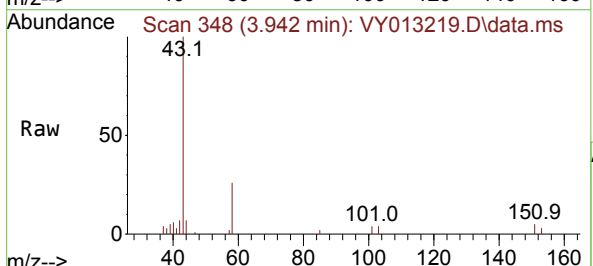
Acq: 07 Apr 2023 16:59

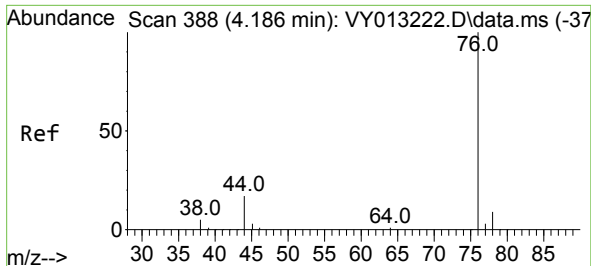
Tgt Ion: 43 Resp: 10814

Ion Ratio Lower Upper

43 100

58 26.4 24.2 36.2

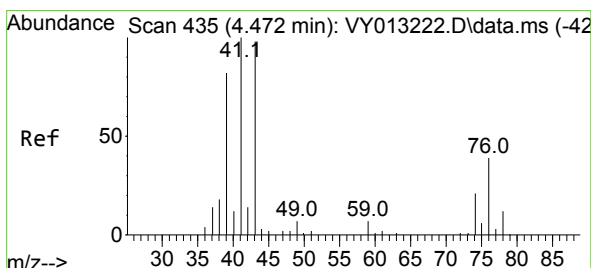
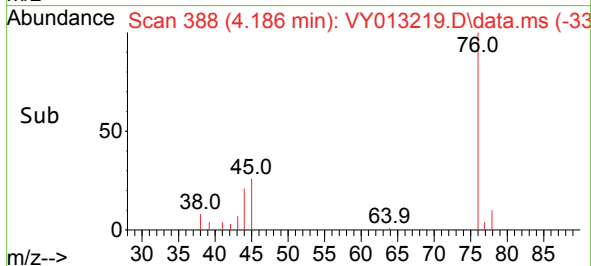
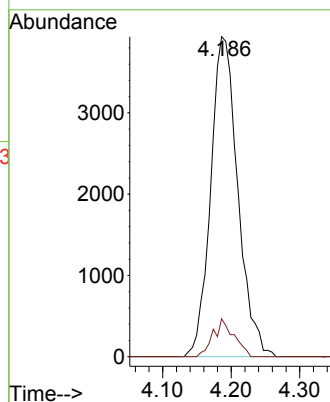
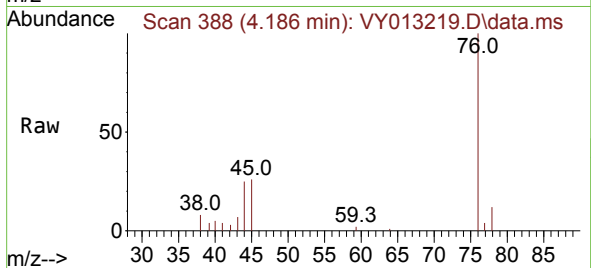




#17
Carbon Disulfide
Concen: 5.066 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

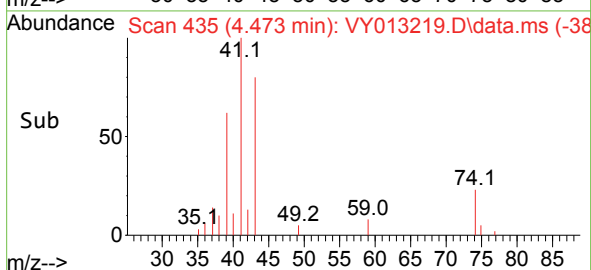
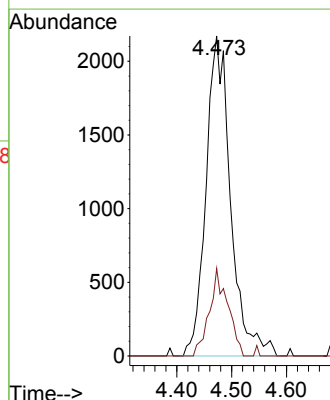
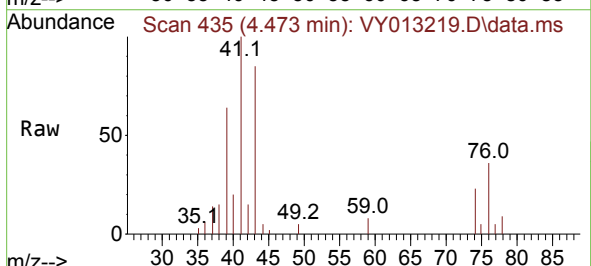
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

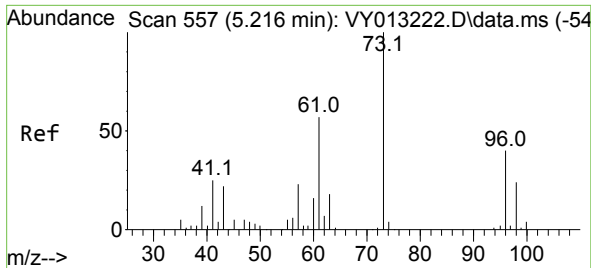
Tgt Ion: 76 Resp: 10840
Ion Ratio Lower Upper
76 100
78 11.9 7.1 10.7#



#18
Methyl Acetate
Concen: 7.449 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 43 Resp: 6763
Ion Ratio Lower Upper
43 100
74 20.6 17.4 26.0

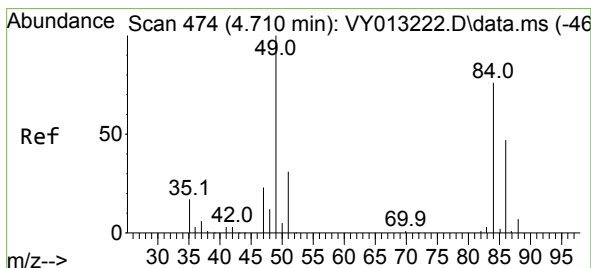
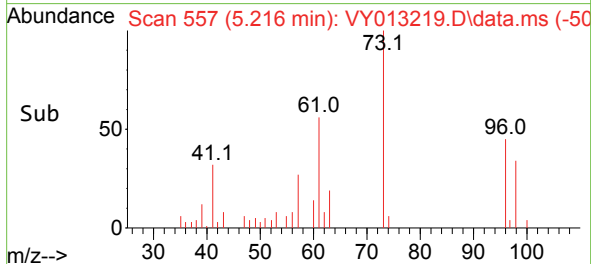
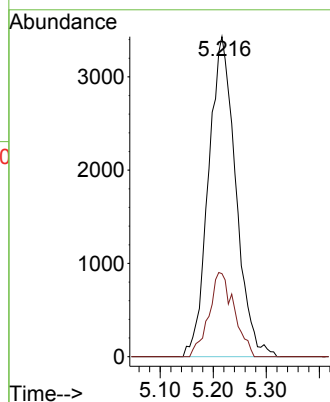
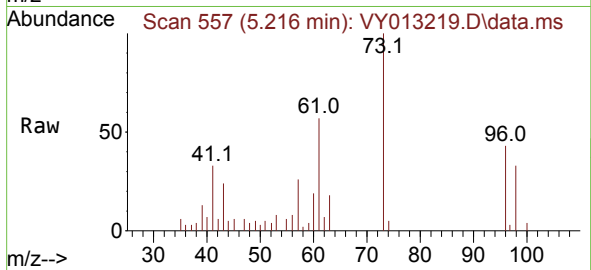




#19
Methyl tert-butyl Ether
Concen: 5.446 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

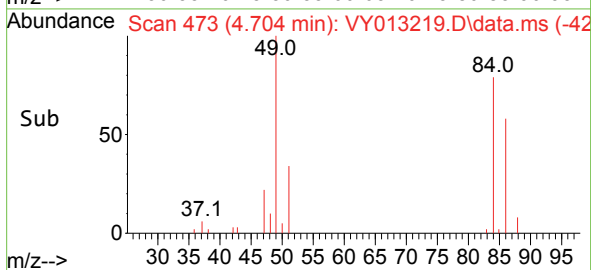
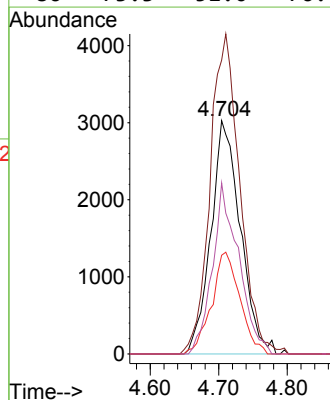
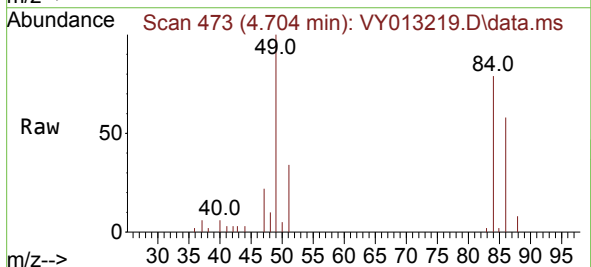
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

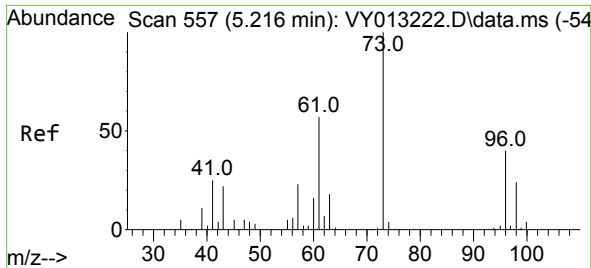
Tgt Ion: 73 Resp: 12248
Ion Ratio Lower Upper
73 100
57 26.0 18.3 27.5



#20
Methylene Chloride
Concen: 8.389 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 84 Resp: 9016
Ion Ratio Lower Upper
84 100
49 125.9 102.6 154.0
51 42.3 31.9 47.9
86 73.3 51.0 76.6

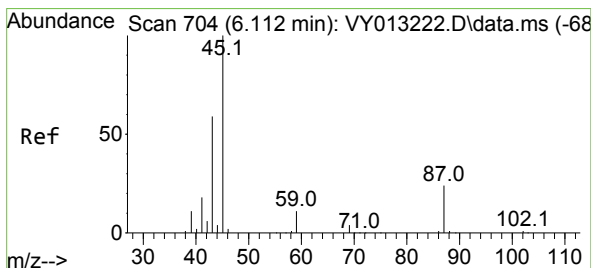
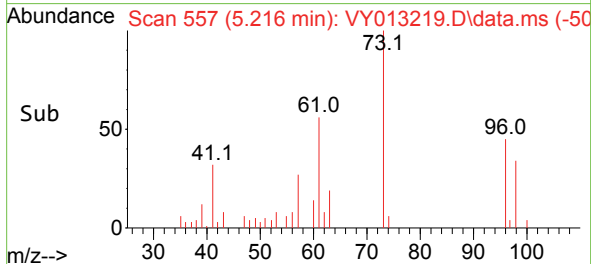
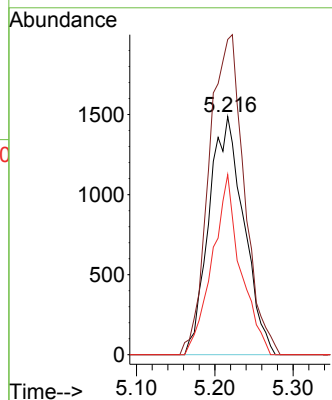
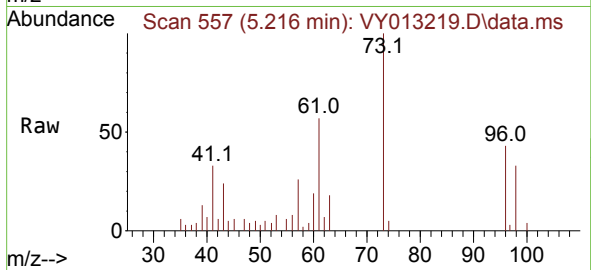




#21
trans-1,2-Dichloroethene
Concen: 5.546 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

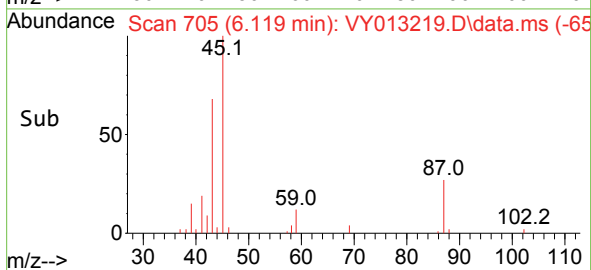
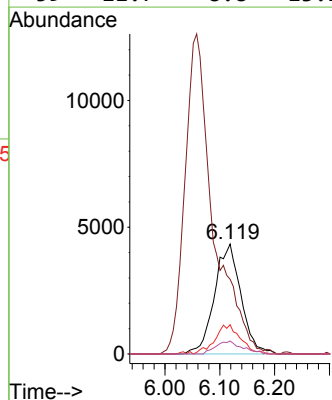
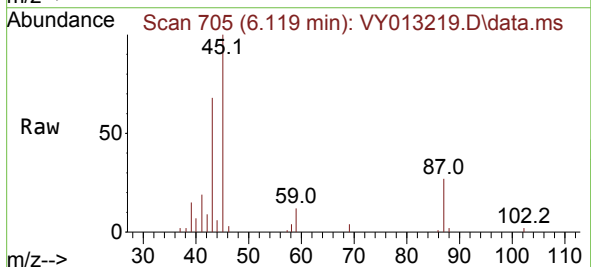
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

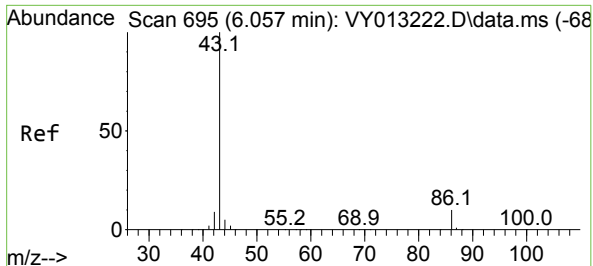
Tgt Ion: 96 Resp: 4608
Ion Ratio Lower Upper
96 100
61 132.4 111.4 167.0
98 75.6 50.8 76.2



#22
Diisopropyl ether
Concen: 5.901 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 45 Resp: 14573
Ion Ratio Lower Upper
45 100
43 67.9 45.0 67.6#
87 26.6 20.3 30.5
59 11.7 8.8 13.2

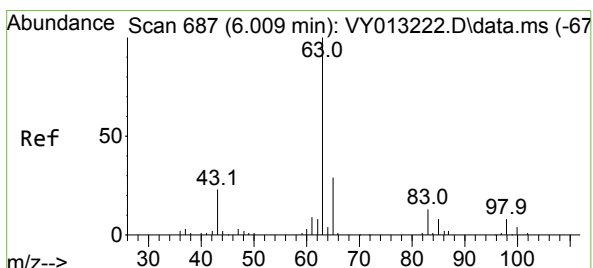
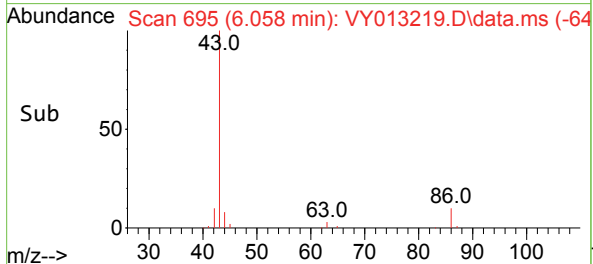
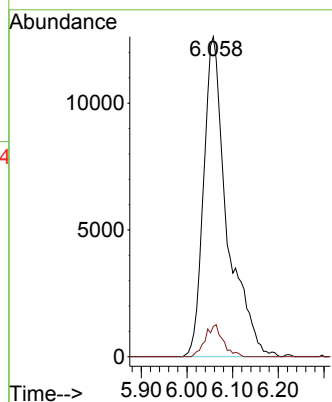
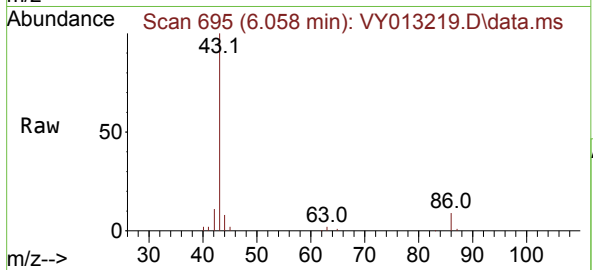




#23
 Vinyl Acetate
 Concen: 29.052 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY013219.D
 Acq: 07 Apr 2023 16:59

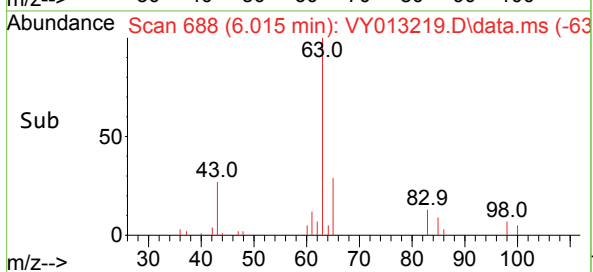
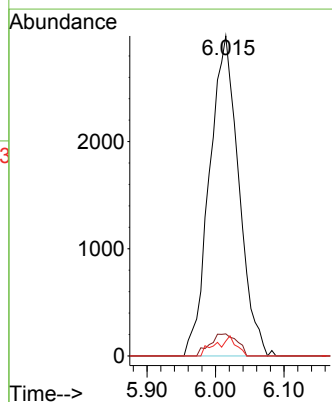
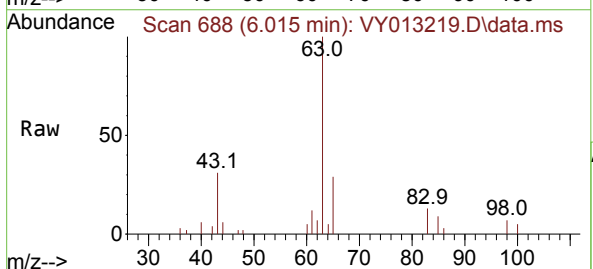
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

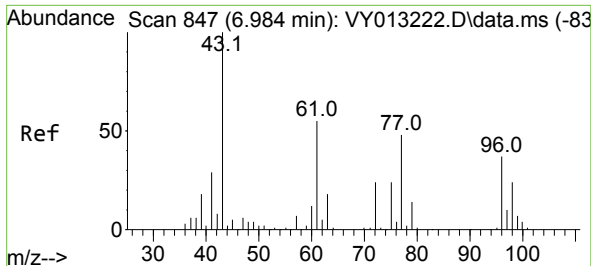
Tgt Ion: 43 Resp: 45095
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 6.121 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY013219.D
 Acq: 07 Apr 2023 16:59

Tgt Ion: 63 Resp: 8868
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 35.696 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

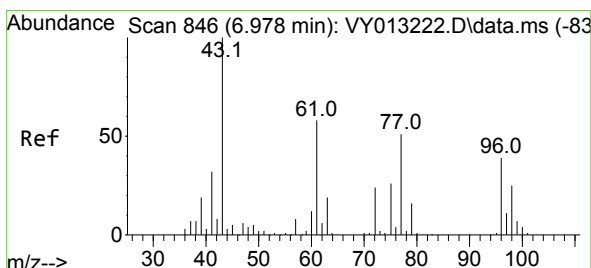
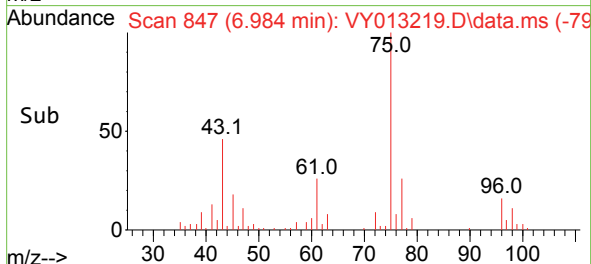
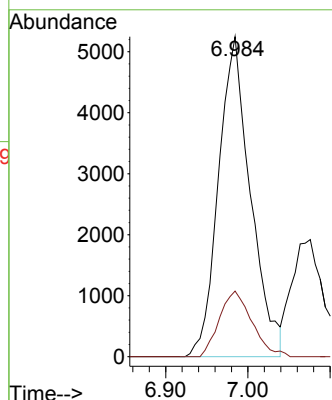
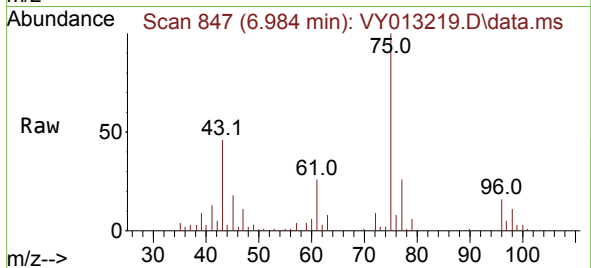
VSTDIC005

Tgt Ion: 43 Resp: 14208

Ion Ratio Lower Upper

43 100

72 20.5 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 6.156 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY013219.D

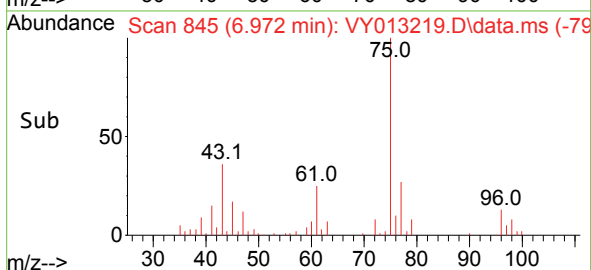
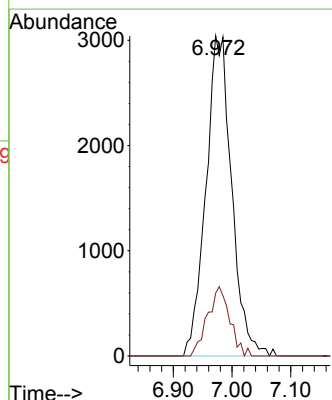
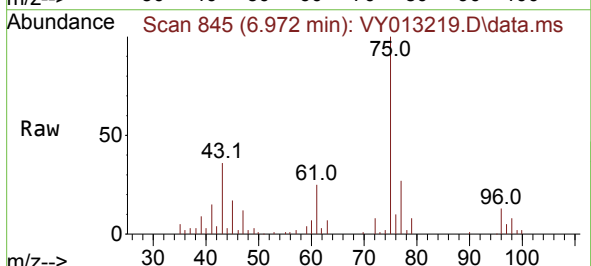
Acq: 07 Apr 2023 16:59

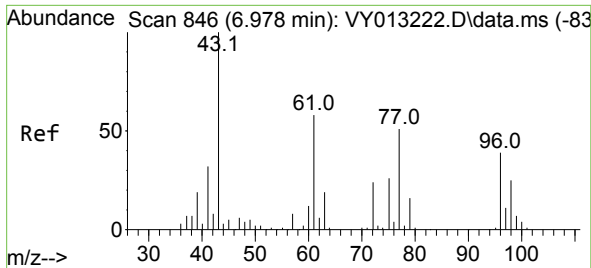
Tgt Ion: 77 Resp: 9274

Ion Ratio Lower Upper

77 100

97 18.7 11.7 35.0

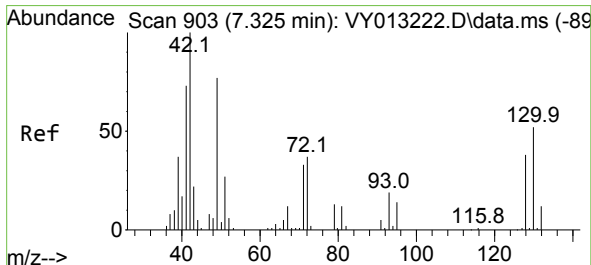
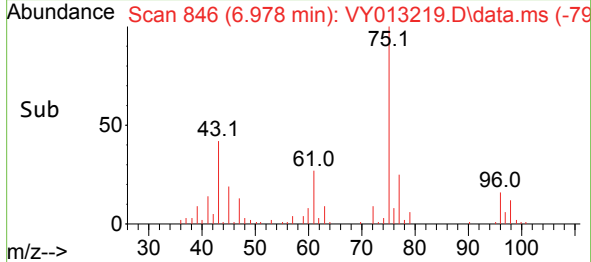
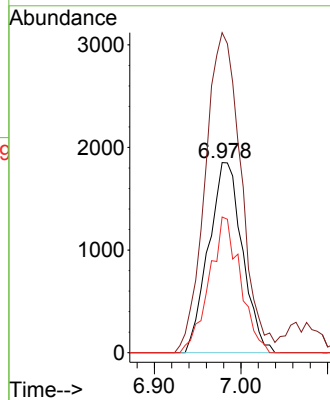
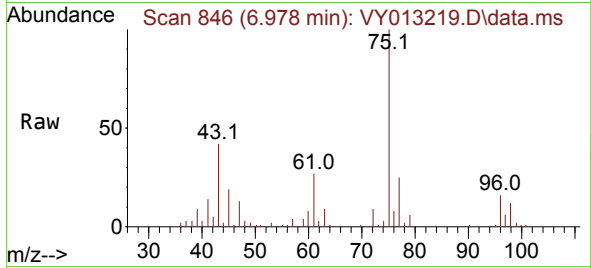




#27
 cis-1,2-Dichloroethene
 Concen: 5.237 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY013219.D
 Acq: 07 Apr 2023 16:59

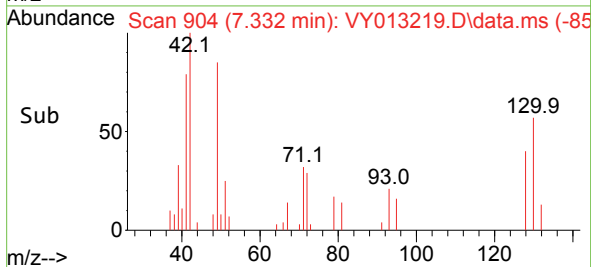
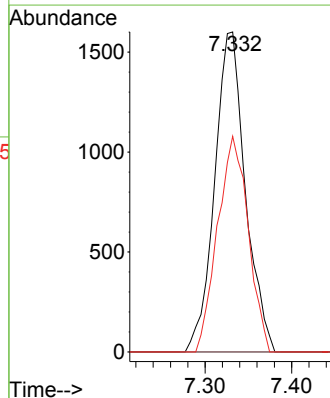
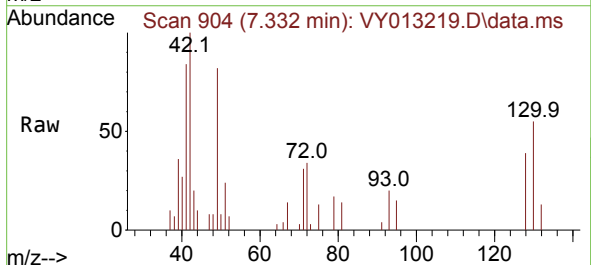
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

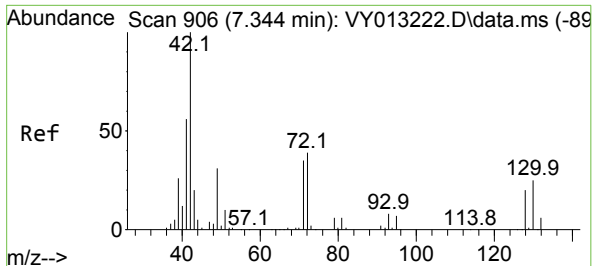
Tgt Ion:	96	Resp:	5011
Ion	Ratio	Lower	Upper
96	100		
61	178.8	0.0	295.8
98	65.8	0.0	130.2



#28
 Bromochloromethane
 Concen: 6.714 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY013219.D
 Acq: 07 Apr 2023 16:59

Tgt Ion:	49	Resp:	3948
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	67.1	60.5	90.7





#29

Tetrahydrofuran

Concen: 30.816 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

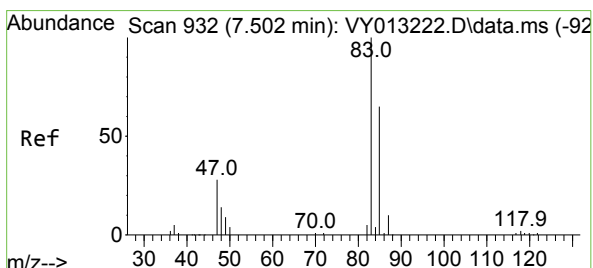
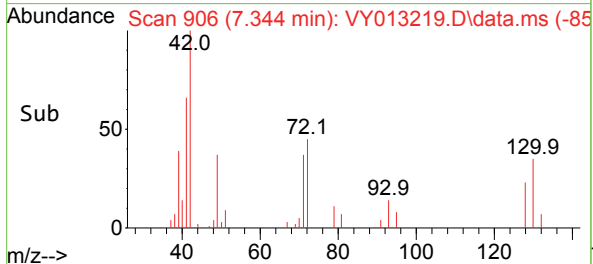
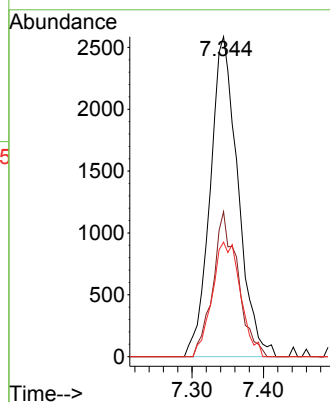
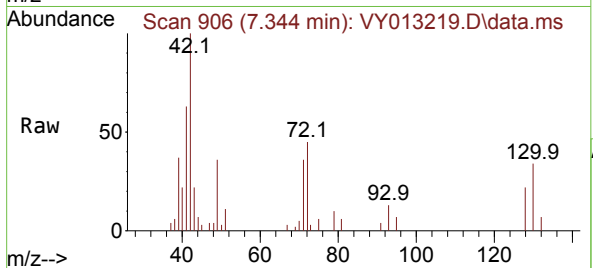
Tgt Ion: 42 Resp: 6978

Ion Ratio Lower Upper

42 100

72 40.4 32.3 48.5

71 36.5 30.3 45.5



#30

Chloroform

Concen: 5.866 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013219.D

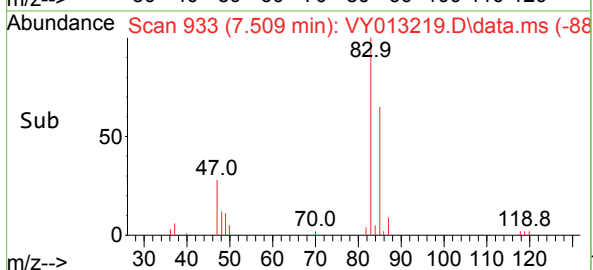
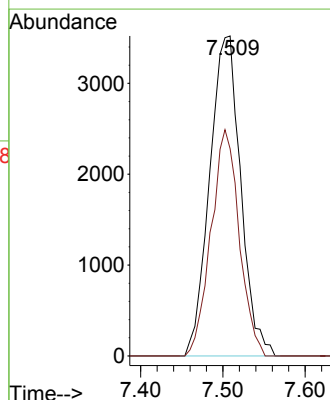
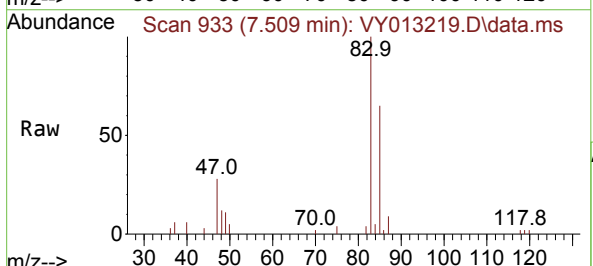
Acq: 07 Apr 2023 16:59

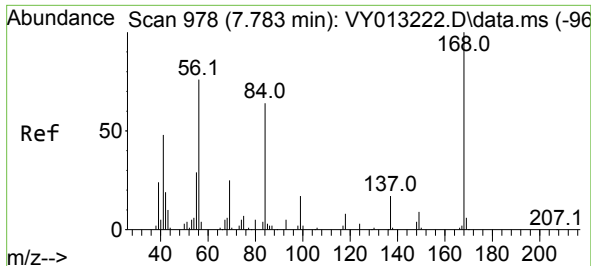
Tgt Ion: 83 Resp: 9239

Ion Ratio Lower Upper

83 100

85 64.7 51.4 77.0

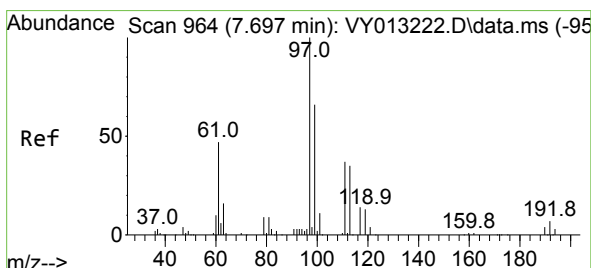
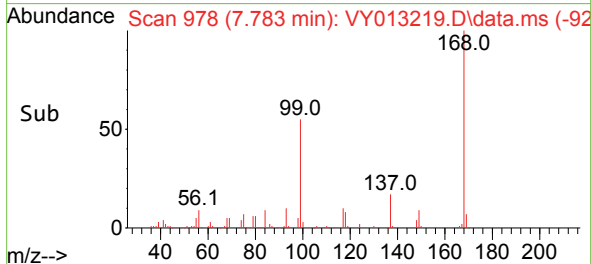
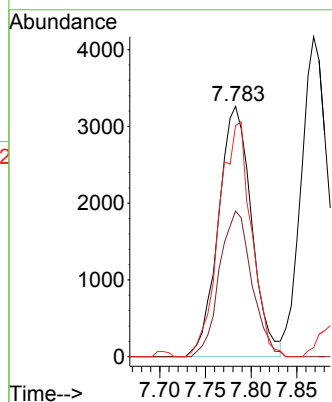
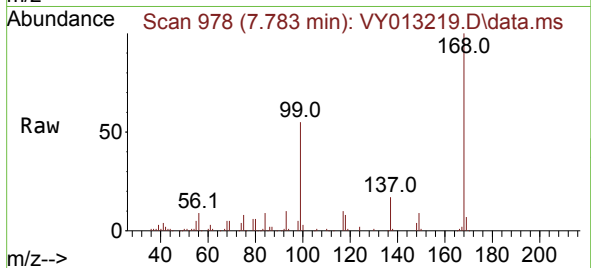




#31
Cyclohexane
Concen: 6.502 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

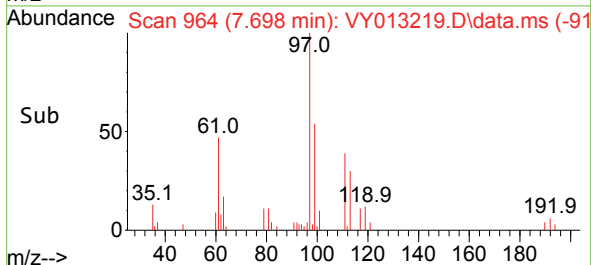
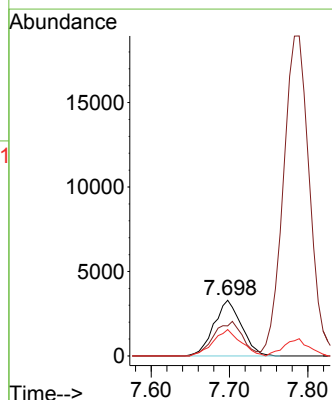
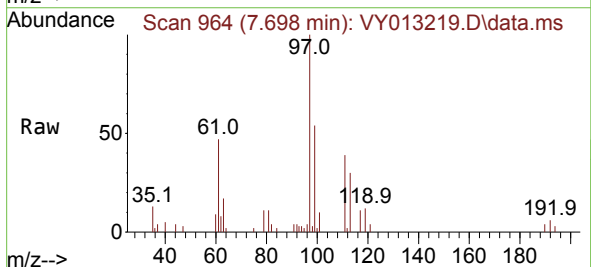
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

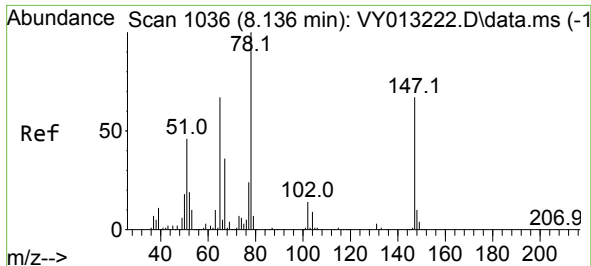
Tgt Ion: 56 Resp: 8251
Ion Ratio Lower Upper
56 100
69 58.1 25.7 38.5#
84 92.3 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 5.474 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 97 Resp: 8050
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.6
61 47.2 34.5 51.7

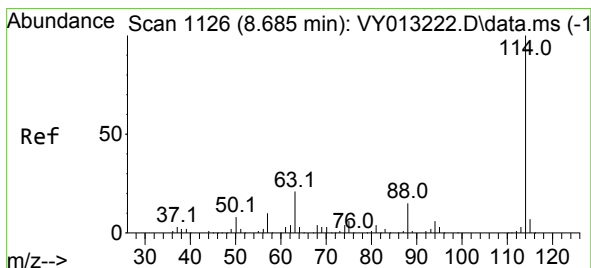
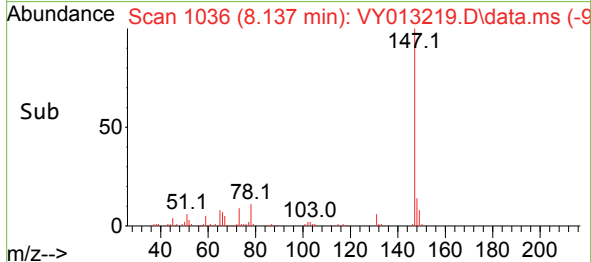
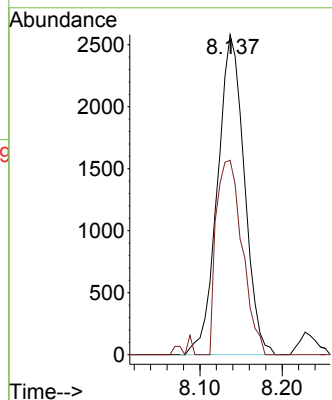
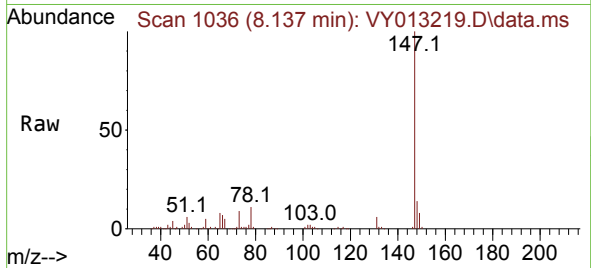




#33
 1,2-Dichloroethane-d4
 Concen: 6.440 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013219.D
 Acq: 07 Apr 2023 16:59

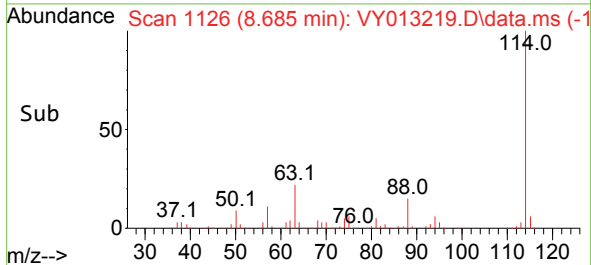
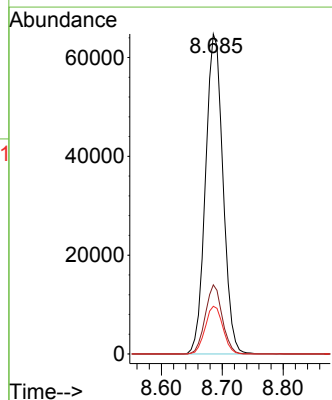
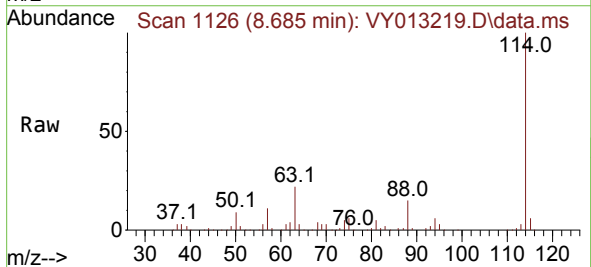
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

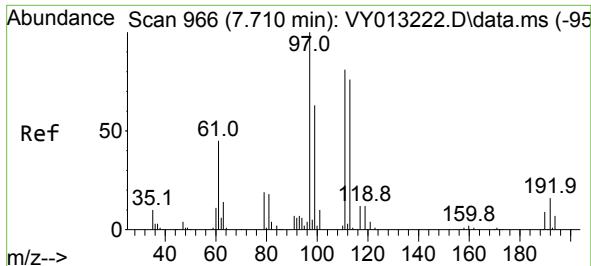
Tgt Ion: 65 Resp: 5857
 Ion Ratio Lower Upper
 65 100
 67 58.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY013219.D
 Acq: 07 Apr 2023 16:59

Tgt Ion: 114 Resp: 128975
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 37.4
 88 14.9 0.0 28.6

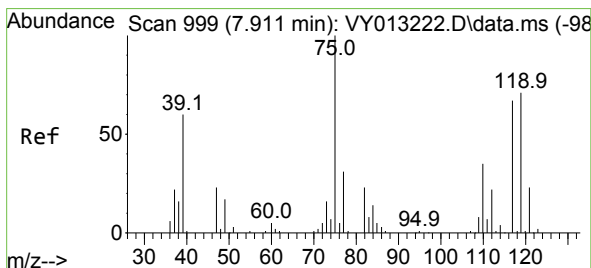
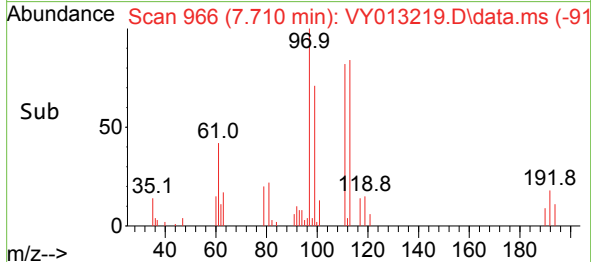
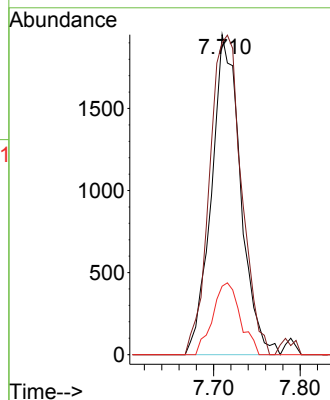
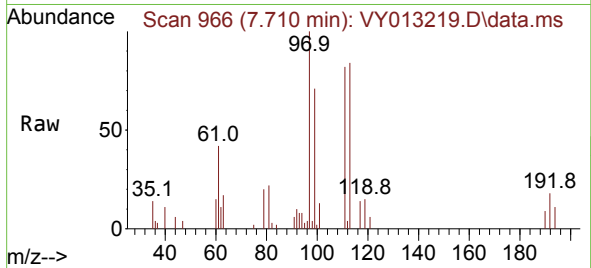




#35
Dibromofluoromethane
Concen: 5.412 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

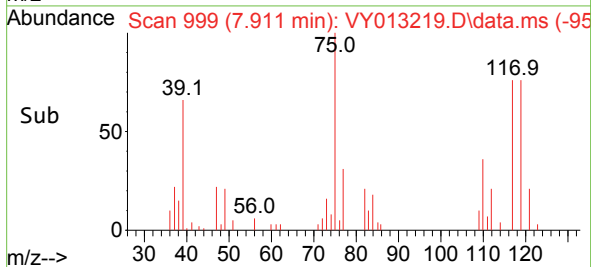
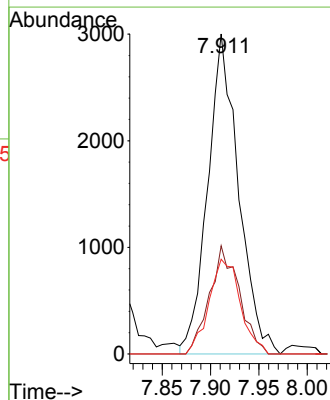
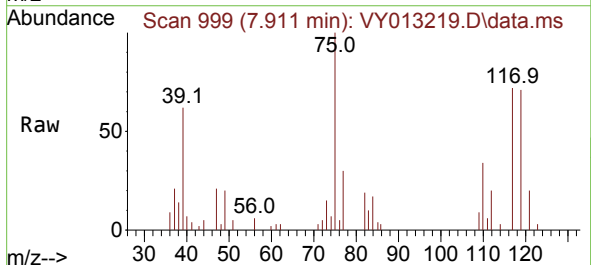
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

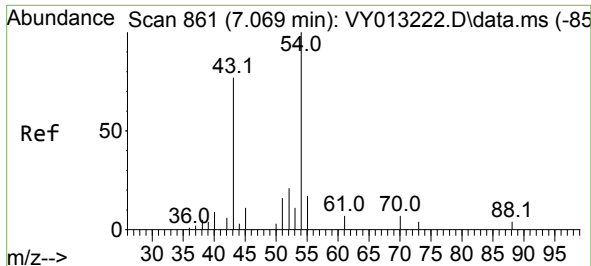
Tgt Ion:113 Resp: 4555
Ion Ratio Lower Upper
113 100
111 109.4 82.2 123.2
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.334 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 75 Resp: 6635
Ion Ratio Lower Upper
75 100
110 32.7 17.8 53.3
77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 5.961 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

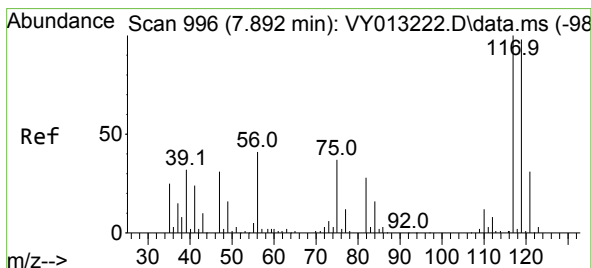
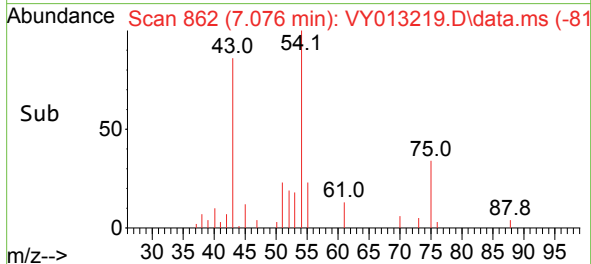
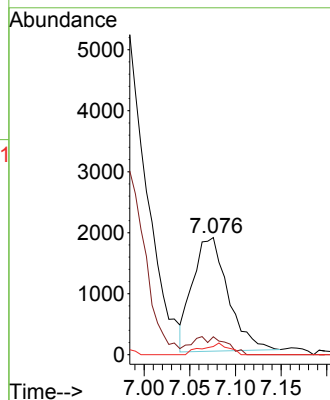
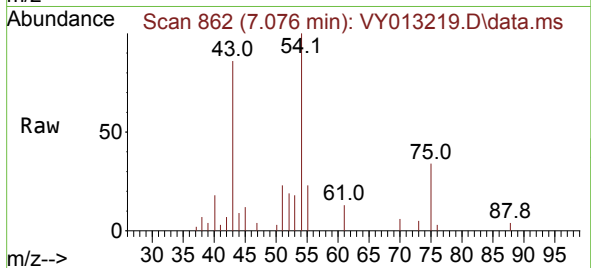
Tgt Ion: 43 Resp: 5029

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

70 7.4 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.192 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

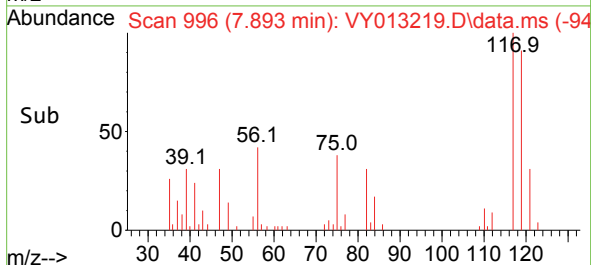
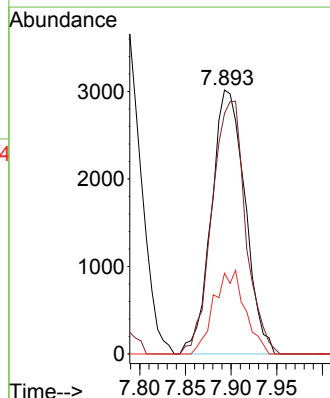
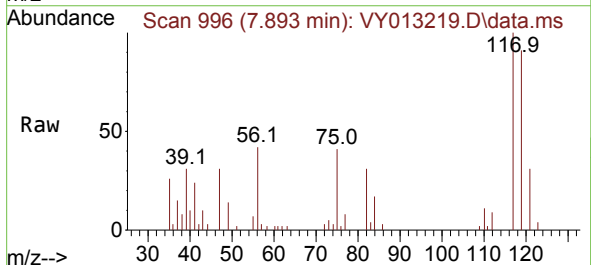
Tgt Ion: 117 Resp: 7720

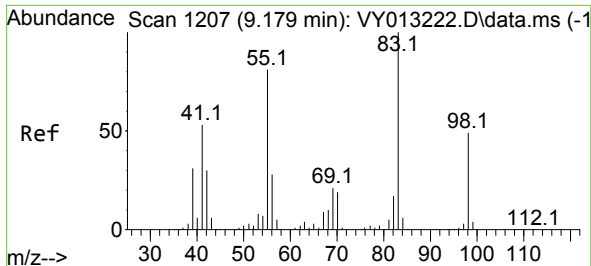
Ion Ratio Lower Upper

117 100

119 91.1 77.2 115.8

121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 4.504 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

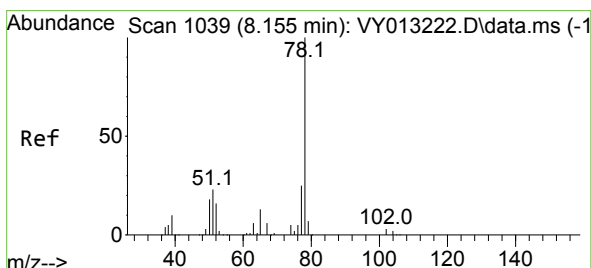
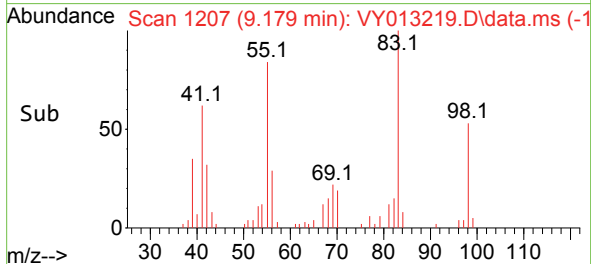
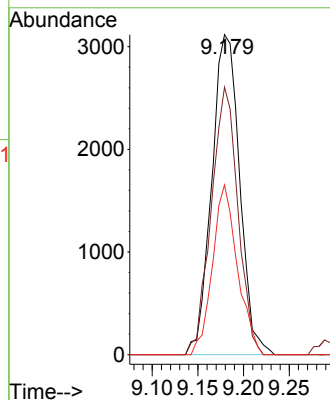
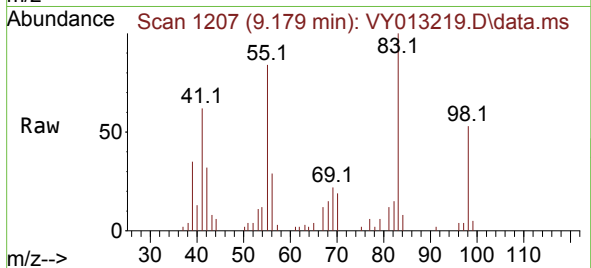
Tgt Ion: 83 Resp: 6622

Ion Ratio Lower Upper

83 100

55 83.6 60.0 90.0

98 53.0 38.3 57.5



#40

Benzene

Concen: 5.397 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY013219.D

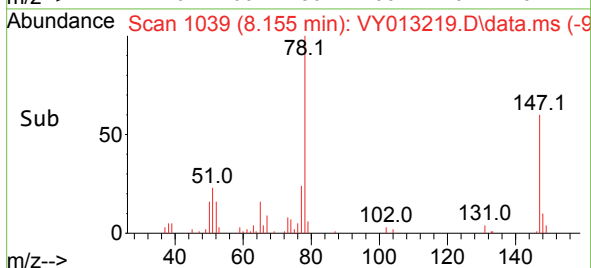
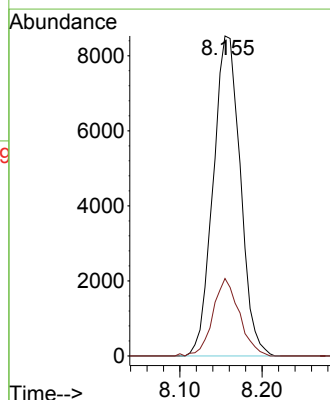
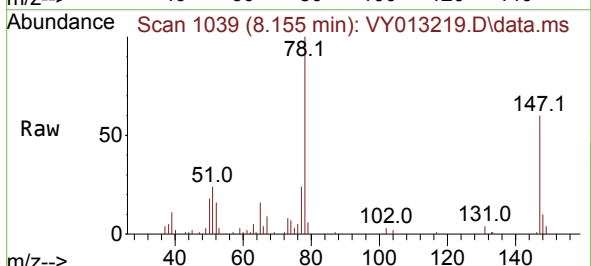
Acq: 07 Apr 2023 16:59

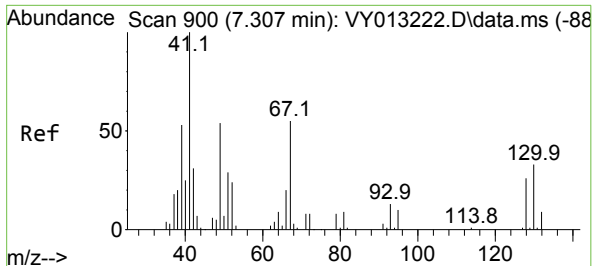
Tgt Ion: 78 Resp: 19582

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

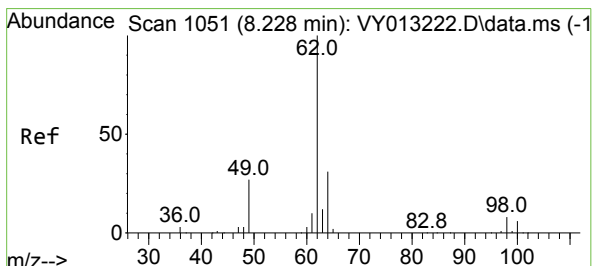
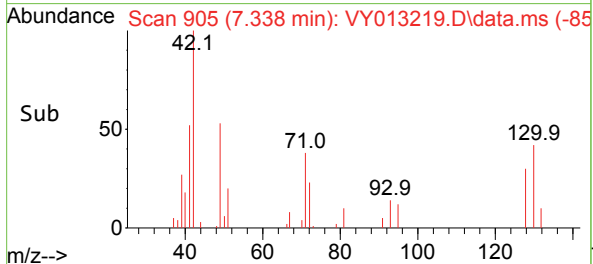
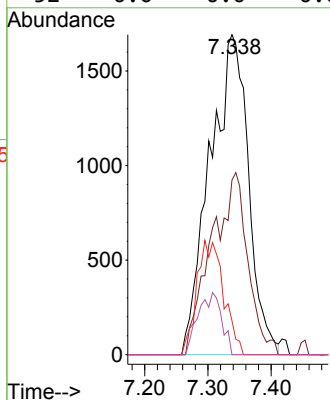
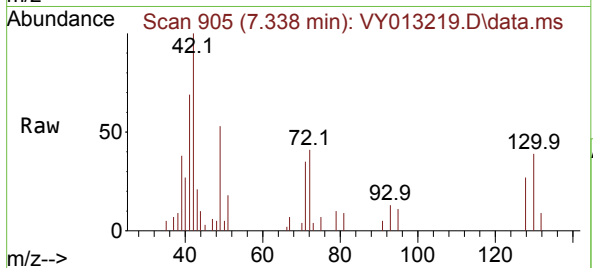




#41
Methacrylonitrile
Concen: 16.821 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

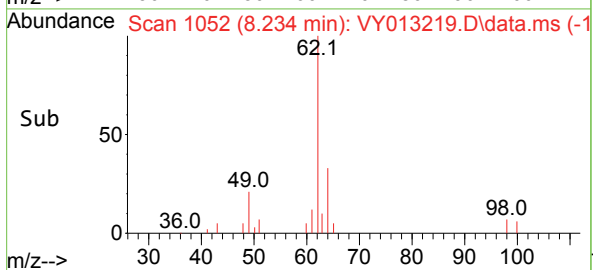
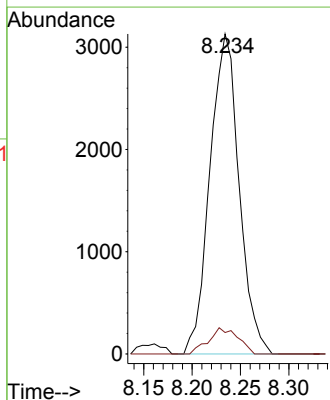
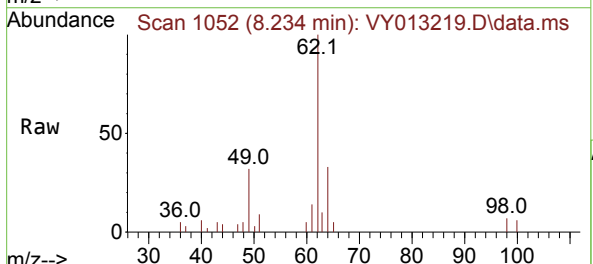
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

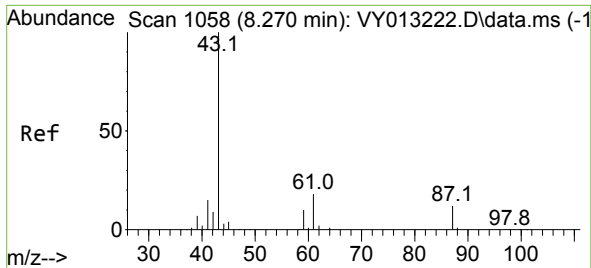
Tgt Ion:	41	Resp:	7145
Ion	Ratio	Lower	Upper
41	100		
39	26.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 5.273 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion:	62	Resp:	6566
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.8

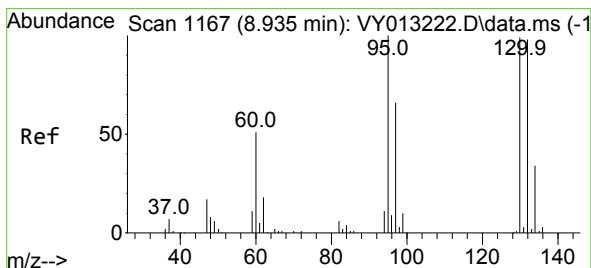
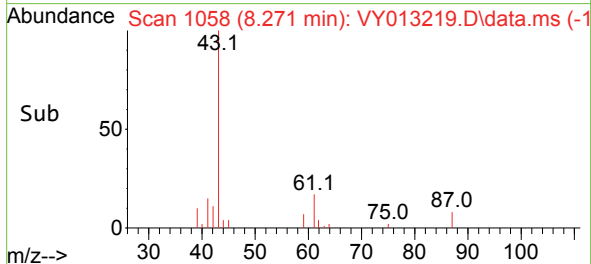
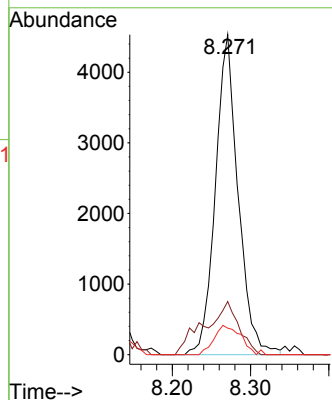
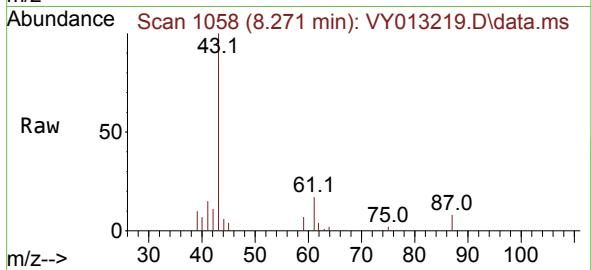




#43
Isopropyl Acetate
Concen: 6.084 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

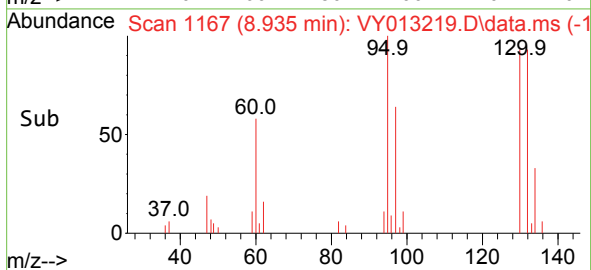
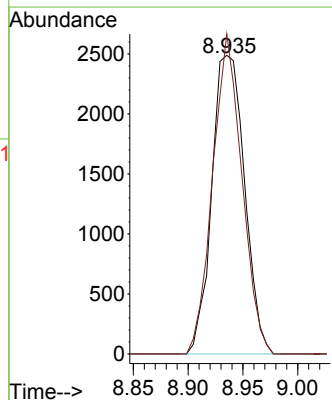
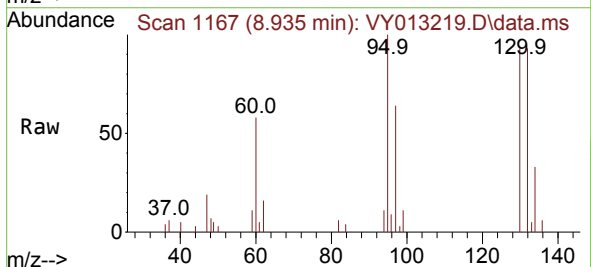
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

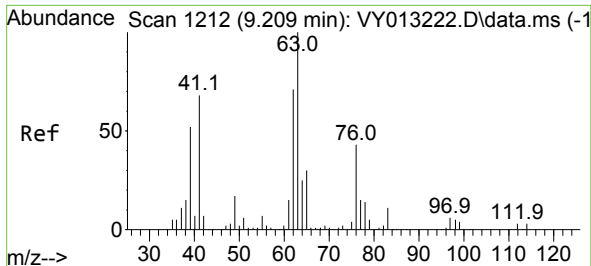
Tgt Ion:	43	Resp:	9142
Ion	Ratio	Lower	Upper
43	100		
61	25.2	21.6	32.4
87	10.9	9.9	14.9



#44
Trichloroethene
Concen: 5.112 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion:	130	Resp:	5172
Ion	Ratio	Lower	Upper
130	100		
95	107.1	0.0	185.0

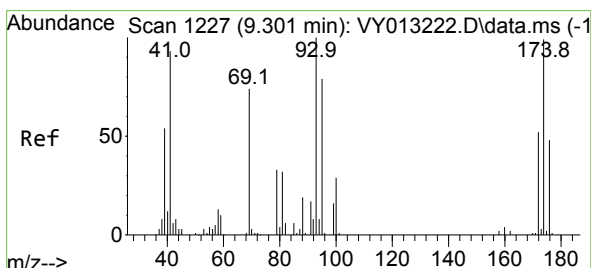
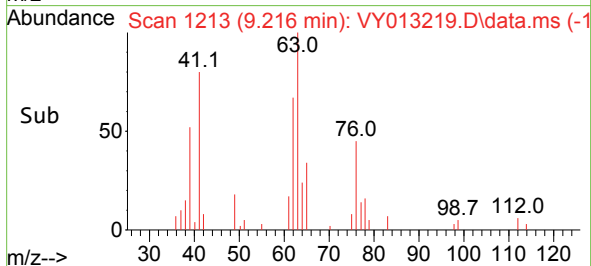
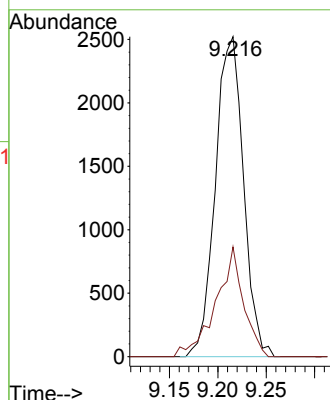
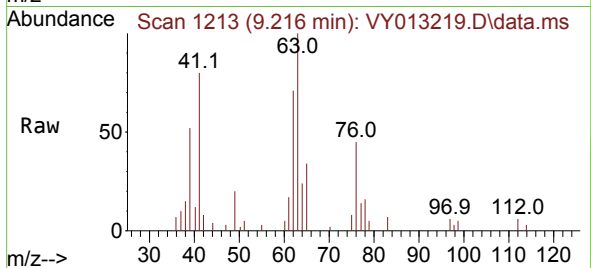




#45
1,2-Dichloropropane
Concen: 5.833 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

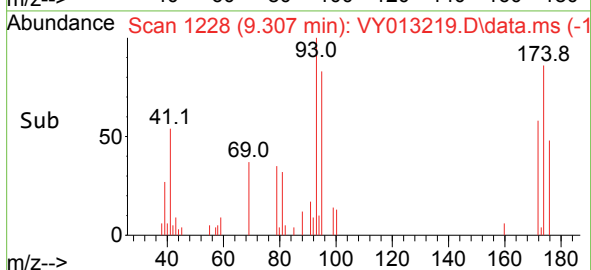
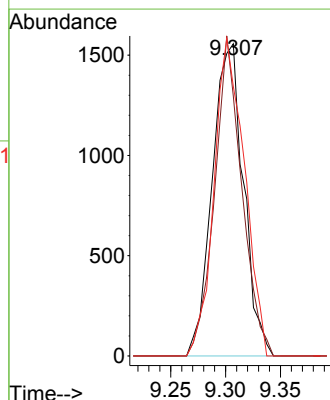
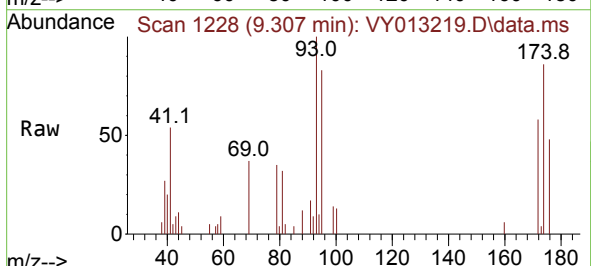
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

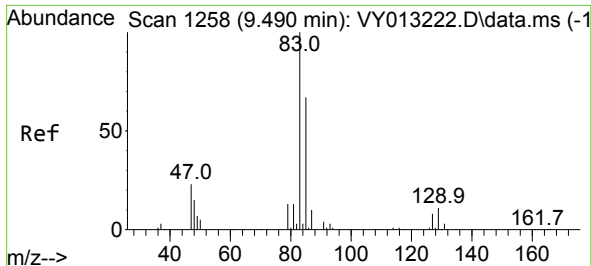
Tgt Ion: 63 Resp: 5085
Ion Ratio Lower Upper
63 100
65 34.3 25.7 38.5



#46
Dibromomethane
Concen: 5.560 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 93 Resp: 3083
Ion Ratio Lower Upper
93 100
95 89.5 65.6 98.4
174 99.0 81.3 121.9





#47

Bromodichloromethane

Concen: 5.496 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

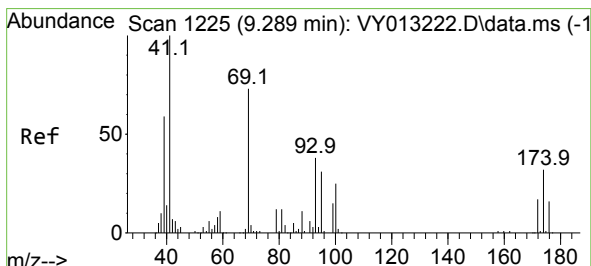
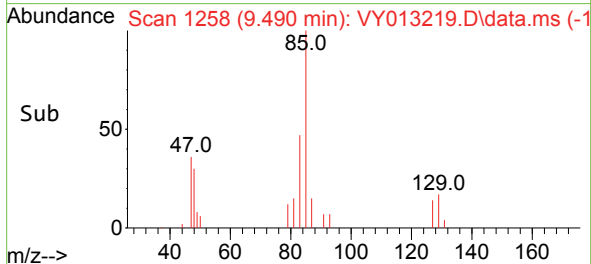
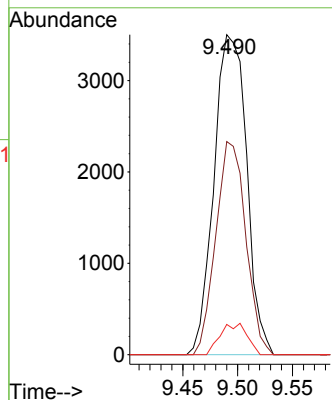
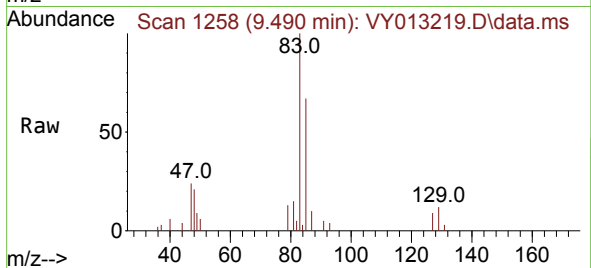
Tgt Ion: 83 Resp: 7250

Ion Ratio Lower Upper

83 100

85 66.6 50.2 75.4

127 9.5 6.3 9.5



#48

Methyl methacrylate

Concen: 5.352 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

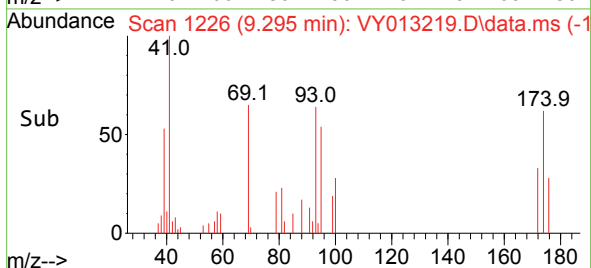
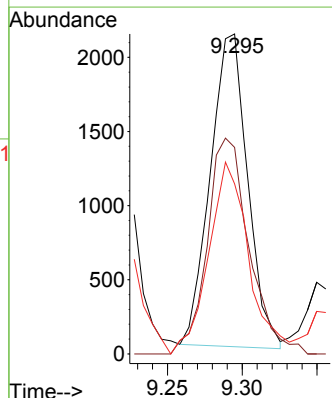
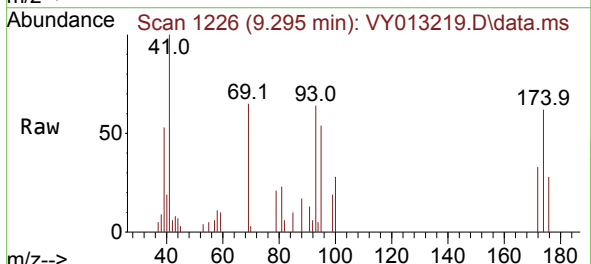
Tgt Ion: 41 Resp: 3661

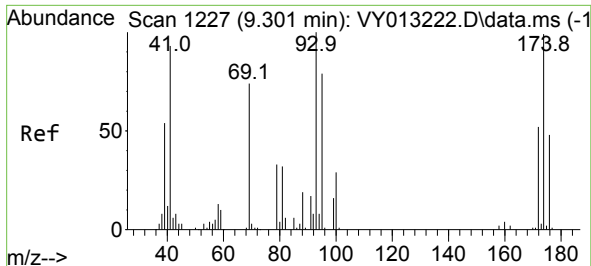
Ion Ratio Lower Upper

41 100

69 77.3 64.1 96.1

39 65.6 44.0 66.0





#49

1,4-Dioxane

Concen: 98.623 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

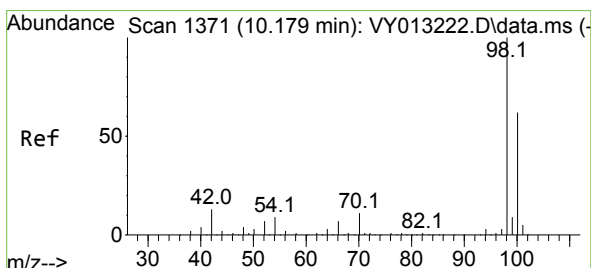
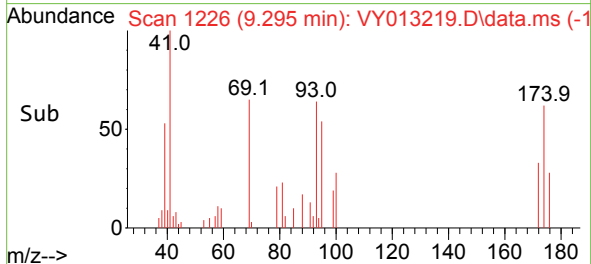
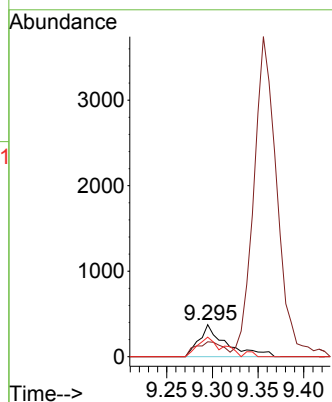
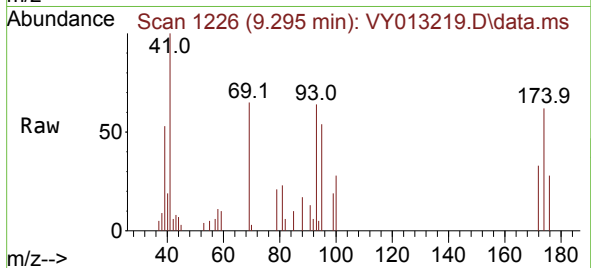
Tgt Ion: 88 Resp: 770

Ion Ratio Lower Upper

88 100

43 47.3 28.6 42.8#

58 54.5 55.2 82.8#



#50

Toluene-d8

Concen: 5.101 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013219.D

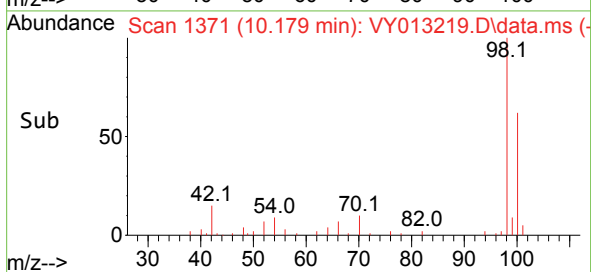
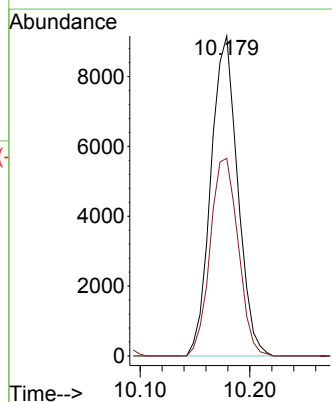
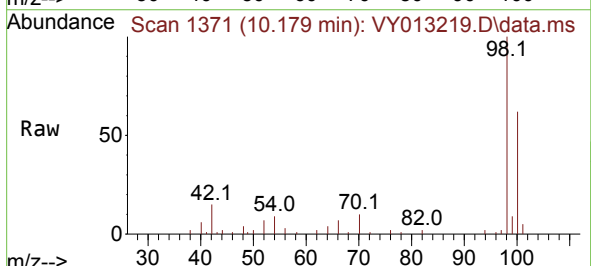
Acq: 07 Apr 2023 16:59

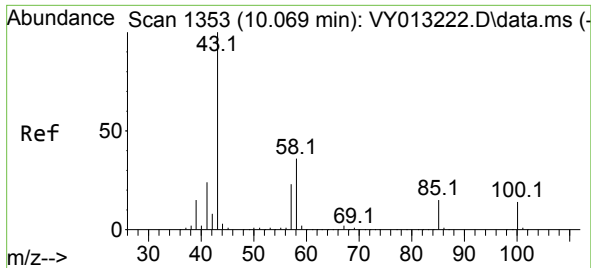
Tgt Ion: 98 Resp: 15534

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3

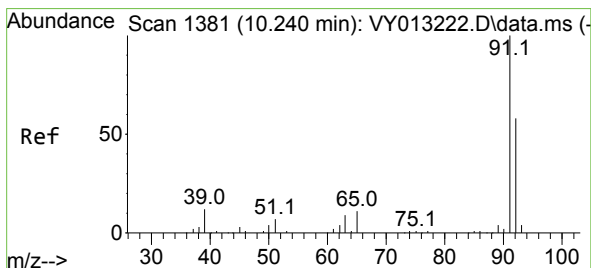
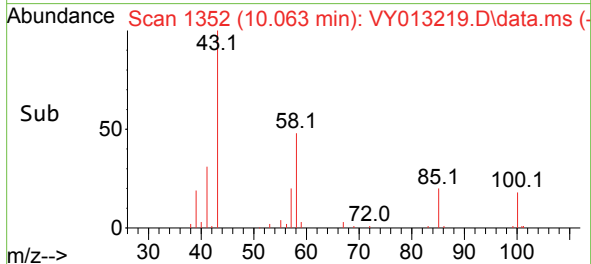
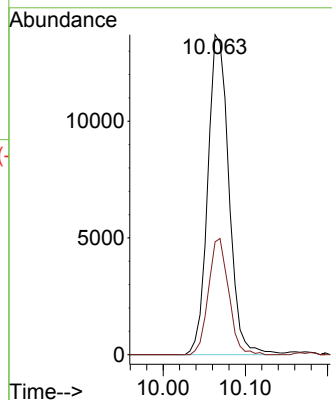
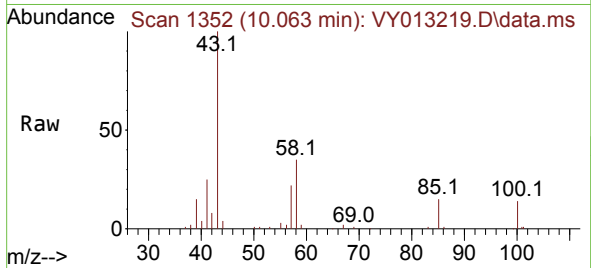




#51
4-Methyl-2-Pentanone
Concen: 29.360 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

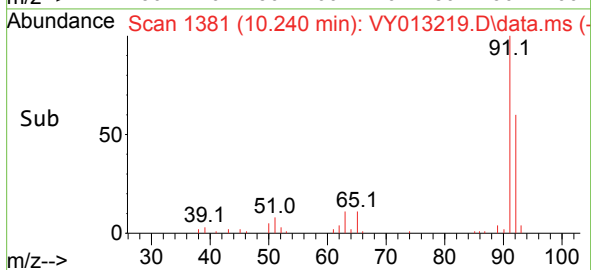
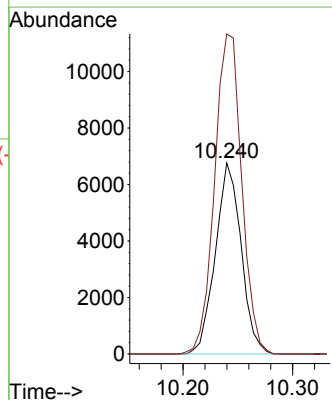
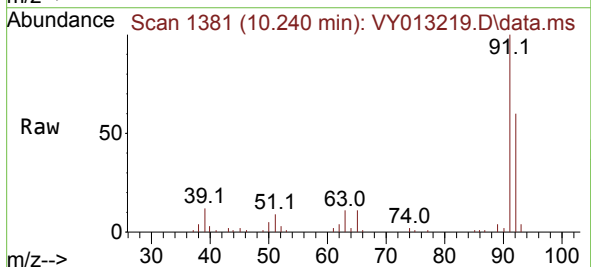
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

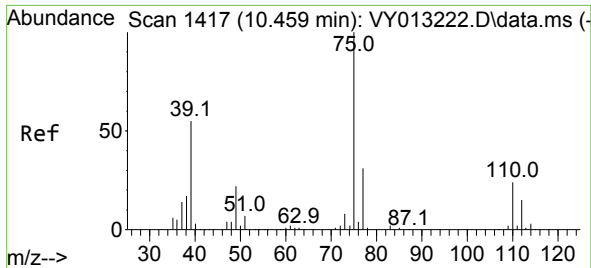
Tgt Ion: 43 Resp: 24468
Ion Ratio Lower Upper
43 100
58 34.6 29.8 44.6



#52
Toluene
Concen: 4.815 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 92 Resp: 11042
Ion Ratio Lower Upper
92 100
91 176.3 141.3 211.9

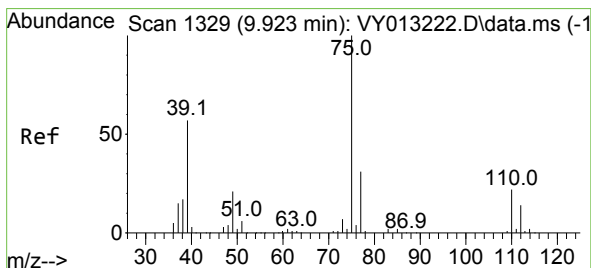
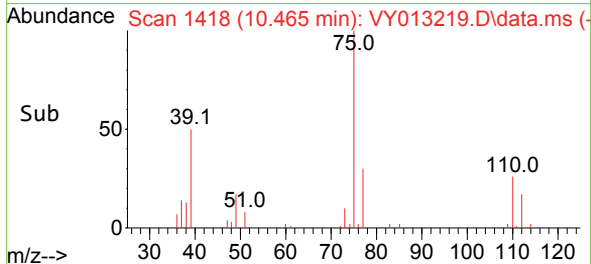
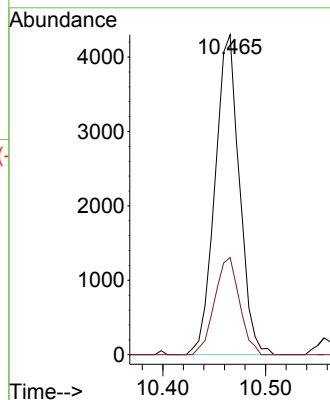
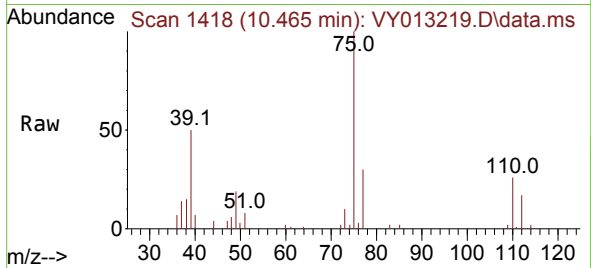




#53
 t-1,3-Dichloropropene
 Concen: 5.072 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY013219.D
 Acq: 07 Apr 2023 16:59

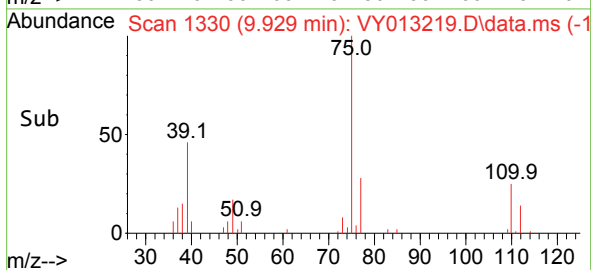
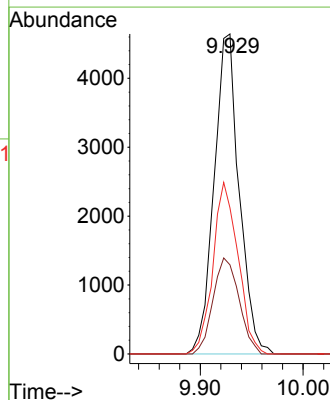
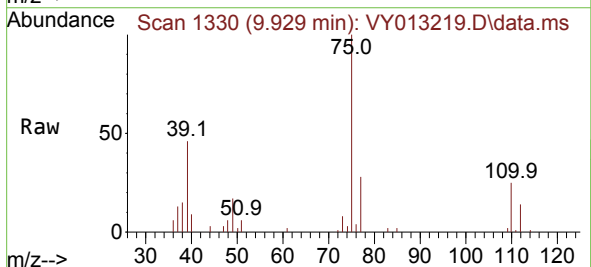
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

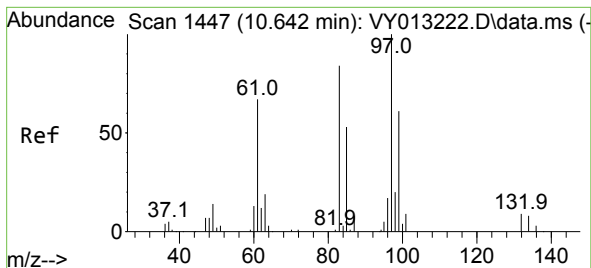
Tgt Ion: 75 Resp: 7091
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 5.317 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY013219.D
 Acq: 07 Apr 2023 16:59

Tgt Ion: 75 Resp: 7873
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.4 38.0
 39 45.7 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 5.525 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 4188

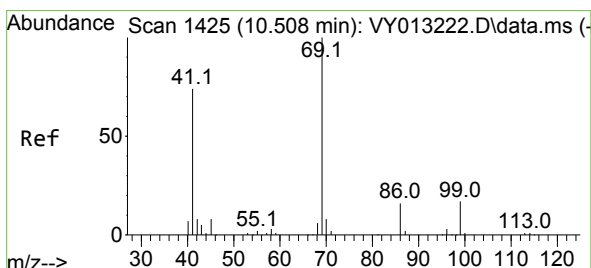
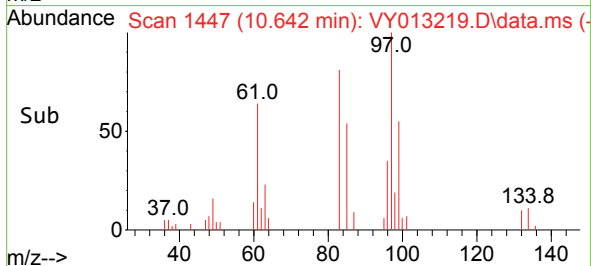
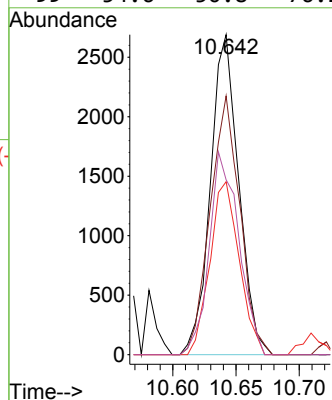
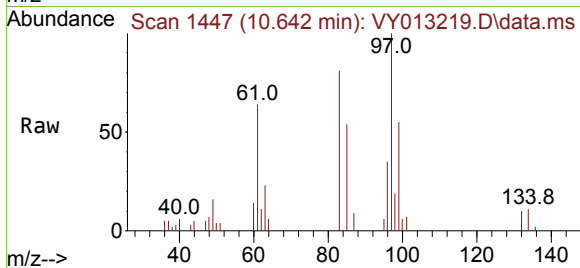
Ion Ratio Lower Upper

97 100

83 80.9 69.0 103.6

85 54.1 44.9 67.3

99 54.6 50.8 76.2



#56

Ethyl methacrylate

Concen: 4.547 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

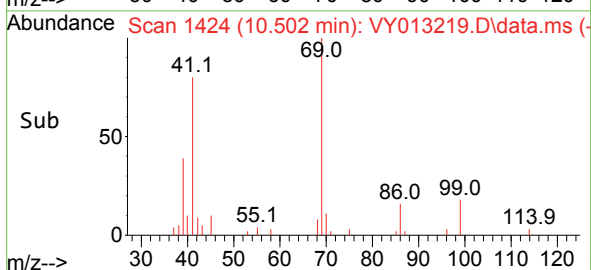
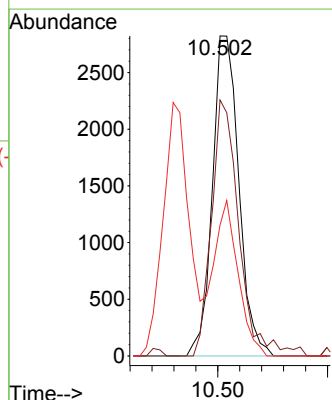
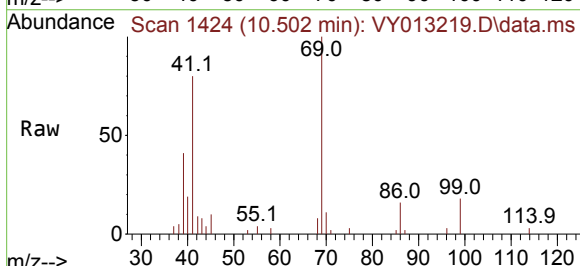
Tgt Ion: 69 Resp: 4720

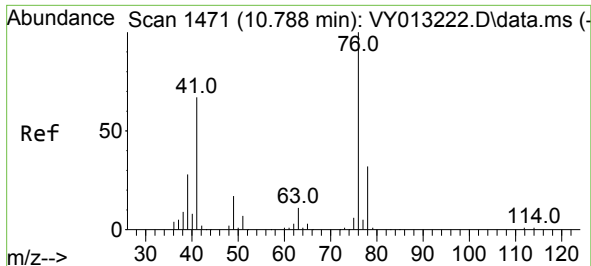
Ion Ratio Lower Upper

69 100

41 83.5 56.4 84.6

39 46.5 30.8 46.2#





#57

1,3-Dichloropropane

Concen: 5.533 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

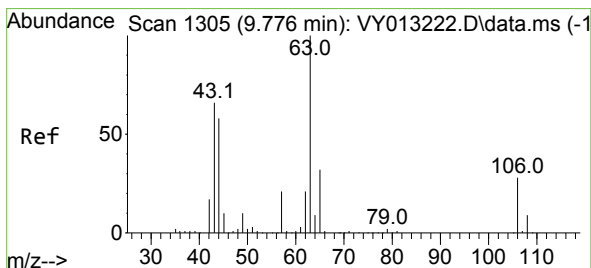
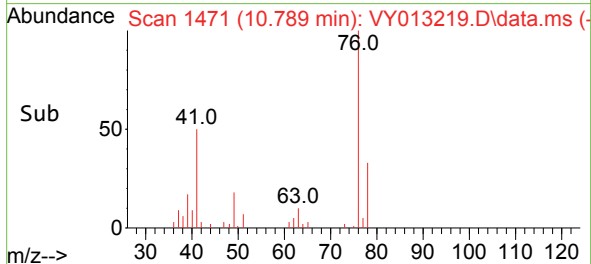
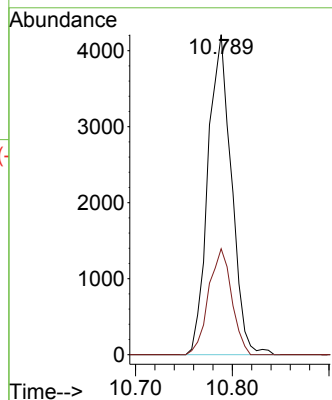
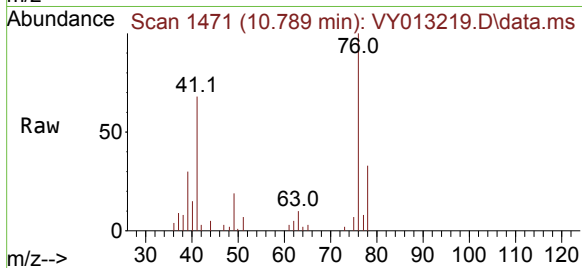
VSTDIC005

Tgt Ion: 76 Resp: 7076

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 26.711 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY013219.D

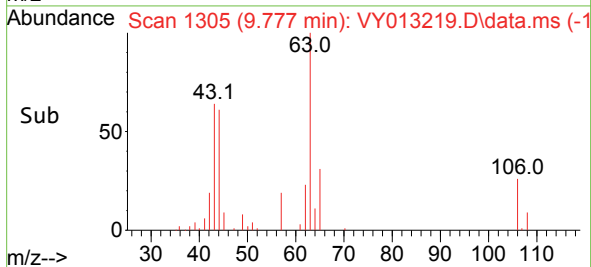
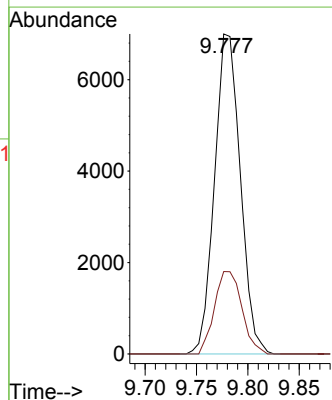
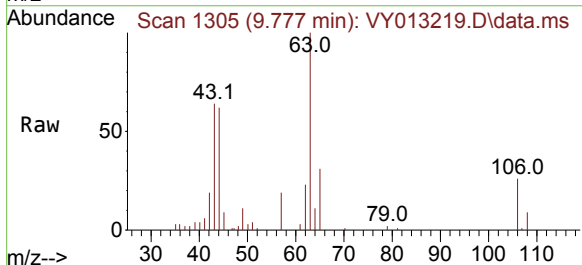
Acq: 07 Apr 2023 16:59

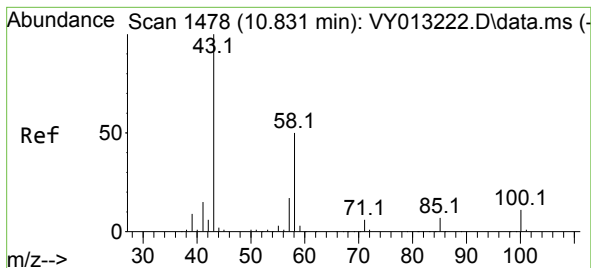
Tgt Ion: 63 Resp: 12206

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1

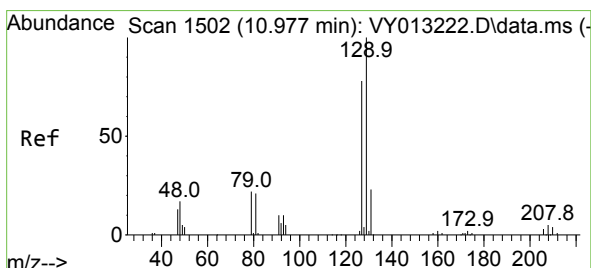
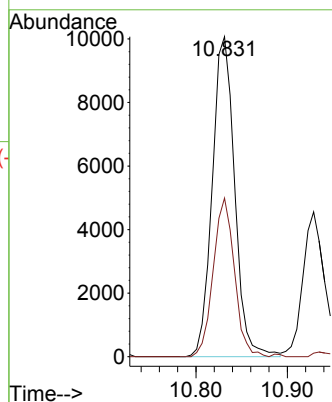
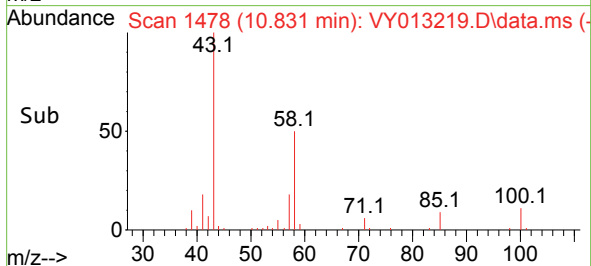
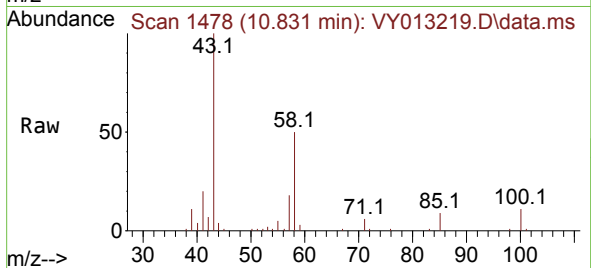




#59
2-Hexanone
Concen: 27.874 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

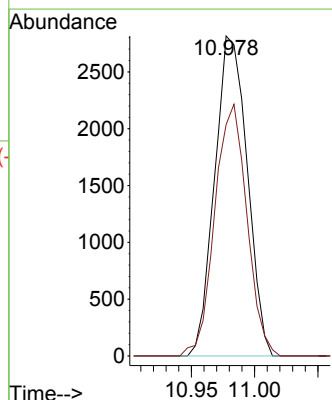
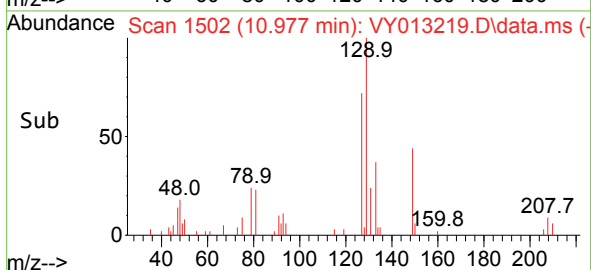
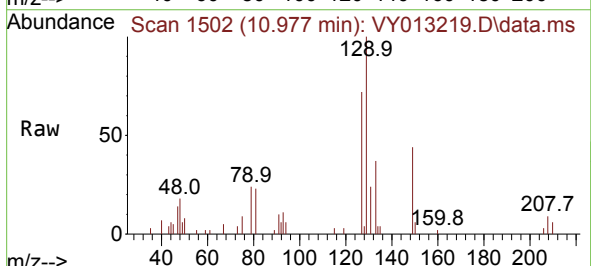
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

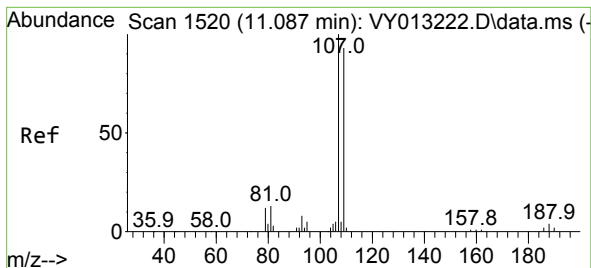
Tgt Ion: 43 Resp: 17145
Ion Ratio Lower Upper
43 100
58 46.7 25.9 77.8



#60
Dibromochloromethane
Concen: 5.115 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 129 Resp: 5033
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 5.204 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

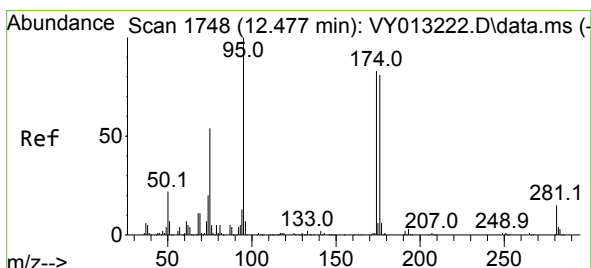
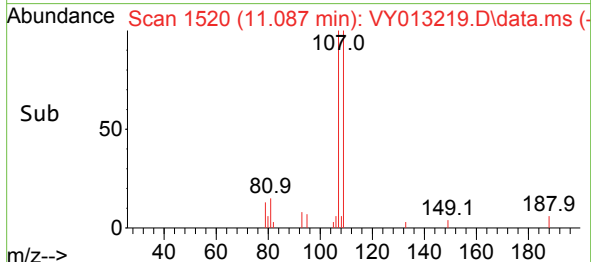
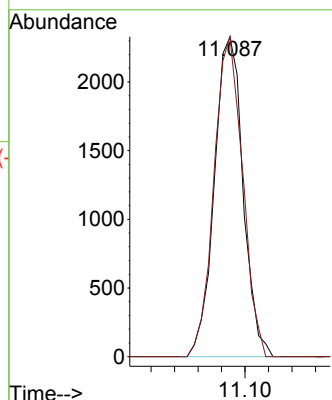
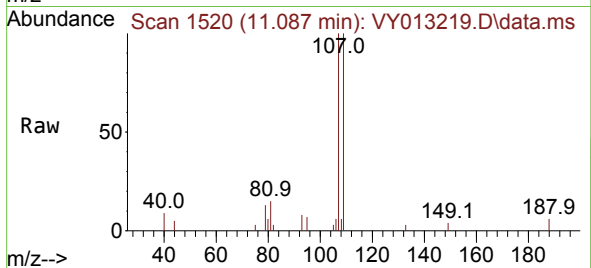
VSTDIC005

Tgt Ion:107 Resp: 3943

Ion Ratio Lower Upper

107 100

109 99.7 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 5.058 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

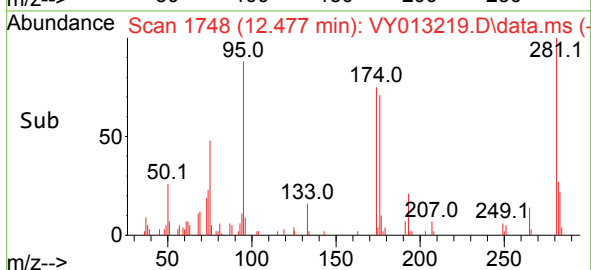
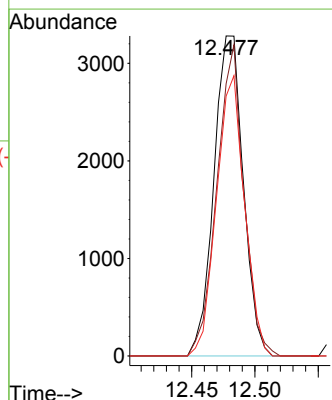
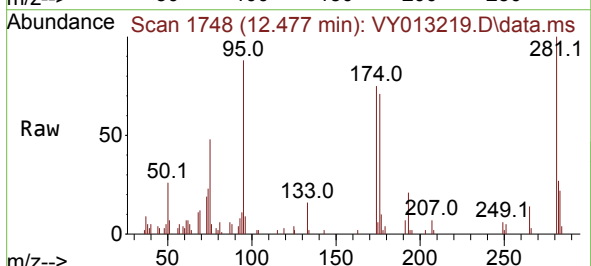
Tgt Ion: 95 Resp: 5301

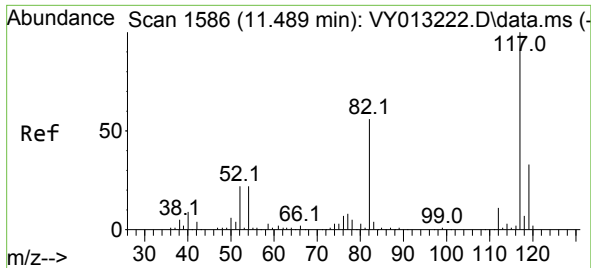
Ion Ratio Lower Upper

95 100

174 89.2 0.0 176.6

176 83.7 0.0 170.2

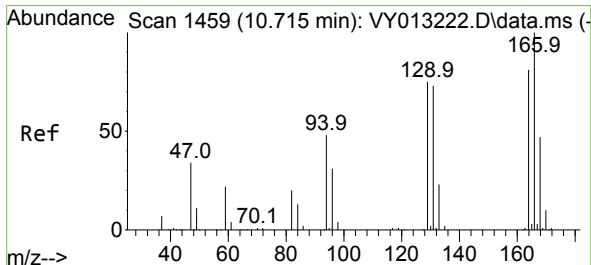
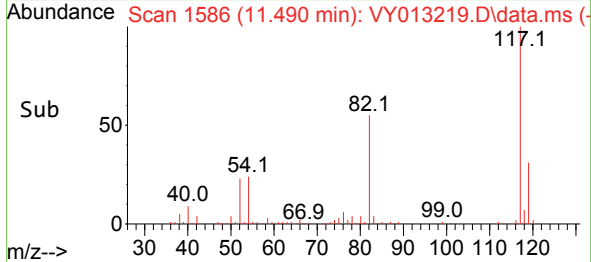
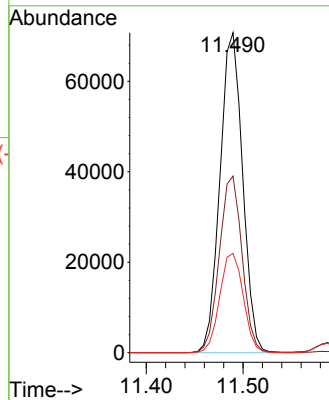
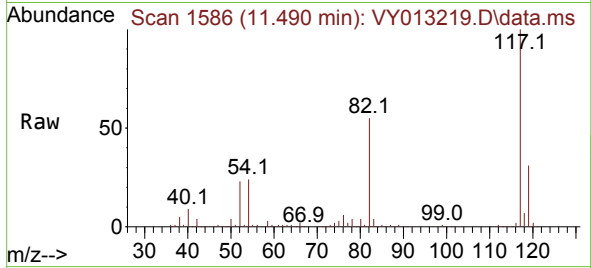




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

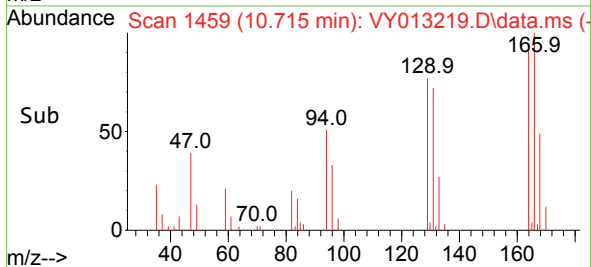
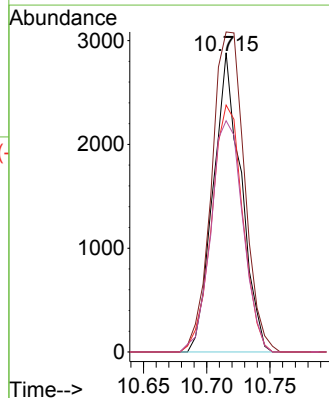
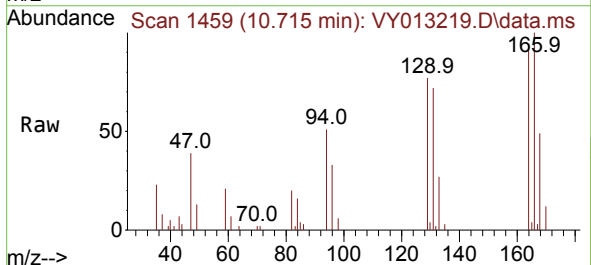
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

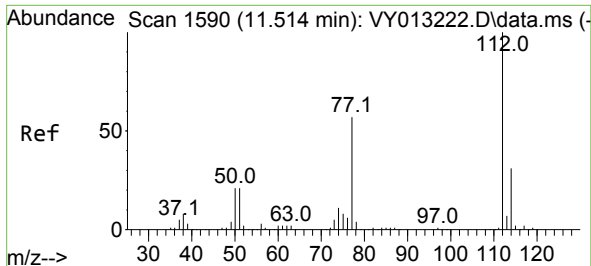
Tgt Ion:117 Resp: 115058
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 31.0 25.6 38.4



#64
Tetrachloroethene
Concen: 4.820 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion:164 Resp: 4408
Ion Ratio Lower Upper
164 100
166 106.9 103.4 155.2
129 82.5 71.4 107.2
131 77.2 69.9 104.9

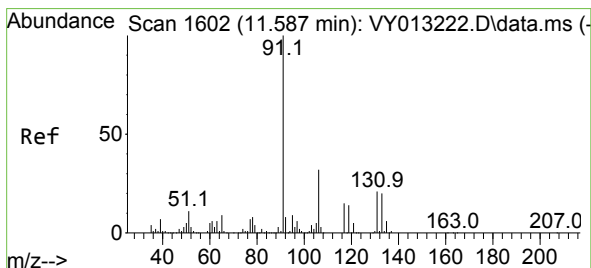
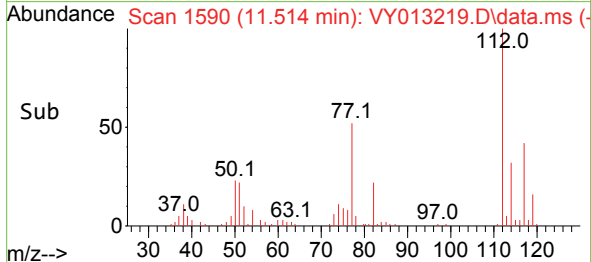
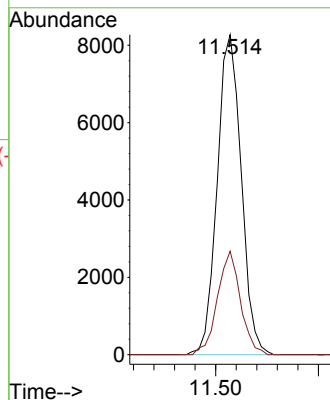
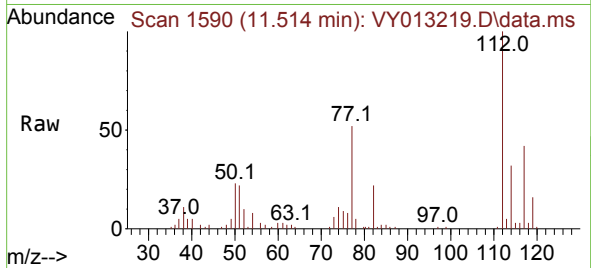




#65
Chlorobenzene
Concen: 5.260 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

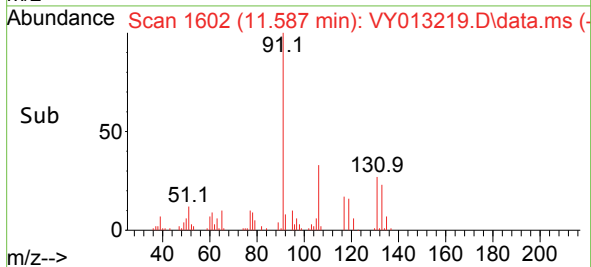
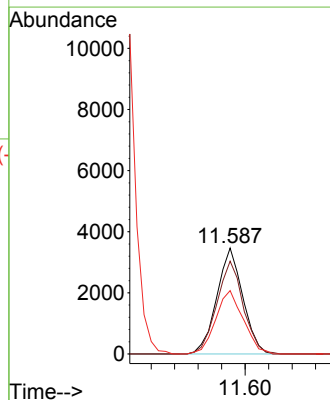
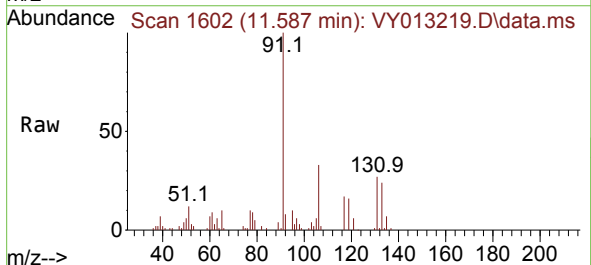
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

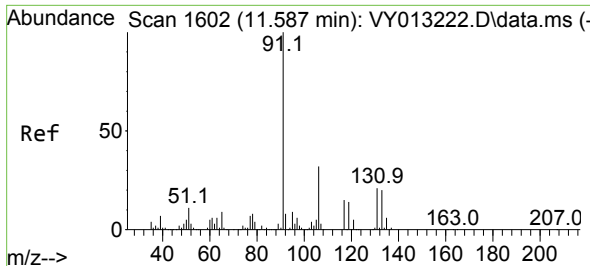
Tgt Ion:112 Resp: 13394
Ion Ratio Lower Upper
112 100
114 32.4 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.414 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion:131 Resp: 5321
Ion Ratio Lower Upper
131 100
133 89.1 48.0 144.0
119 63.4 32.6 98.0





#67

Ethyl Benzene

Concen: 4.793 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

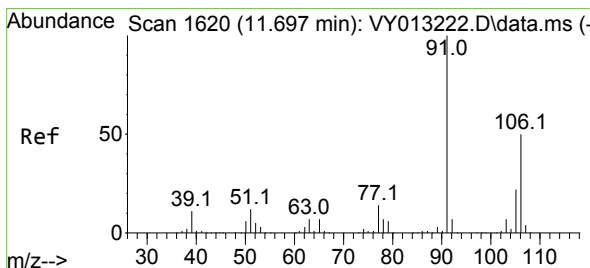
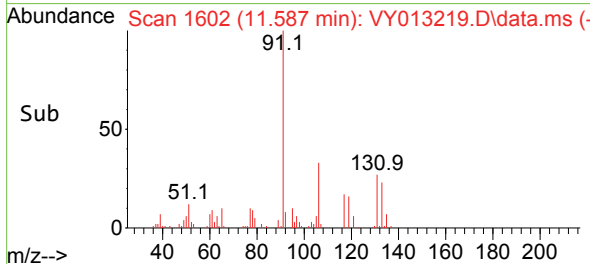
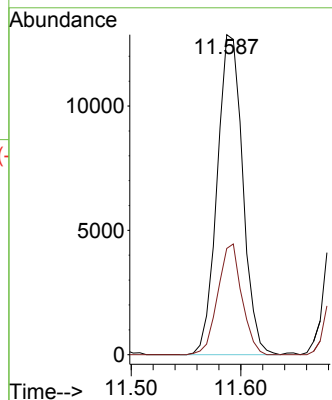
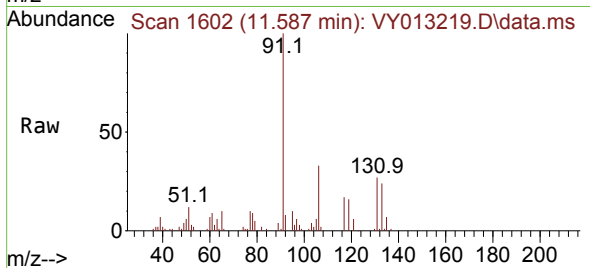
VSTDIC005

Tgt Ion: 91 Resp: 20842

Ion Ratio Lower Upper

91 100

106 33.2 25.1 37.7



#68

m/p-Xylenes

Concen: 9.055 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY013219.D

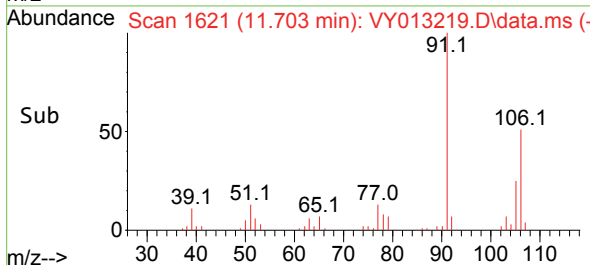
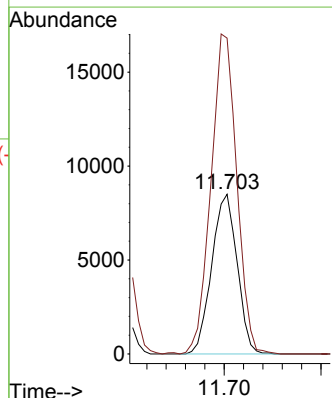
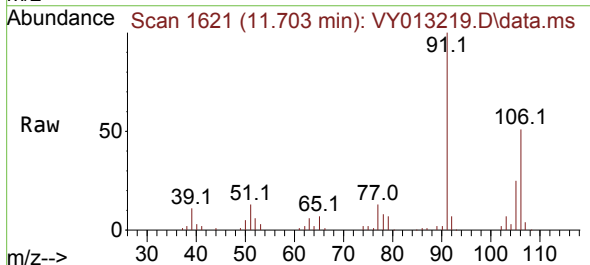
Acq: 07 Apr 2023 16:59

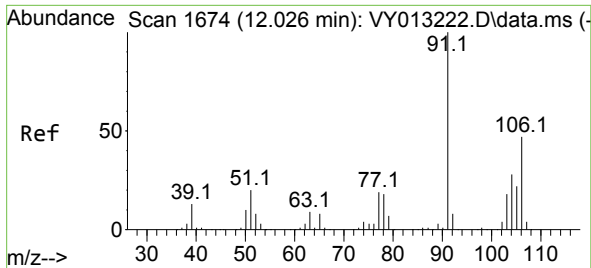
Tgt Ion: 106 Resp: 15489

Ion Ratio Lower Upper

106 100

91 203.9 159.8 239.8

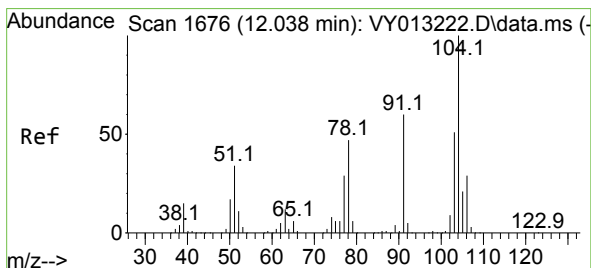
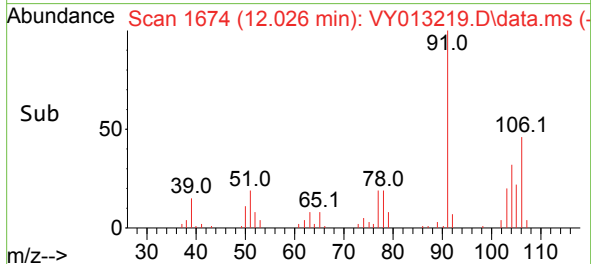
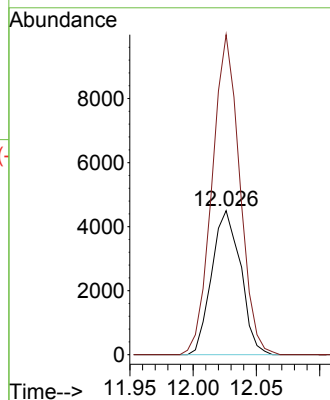
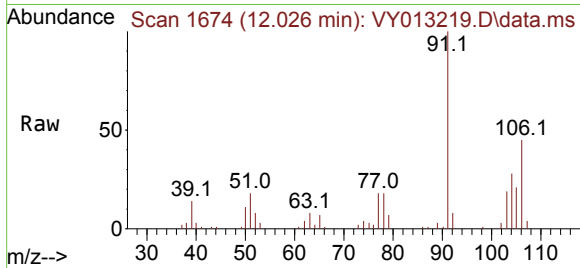




#69
o-Xylene
Concen: 4.461 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

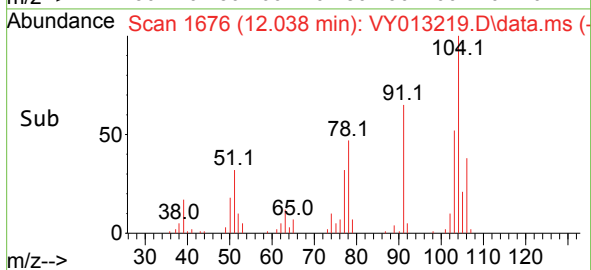
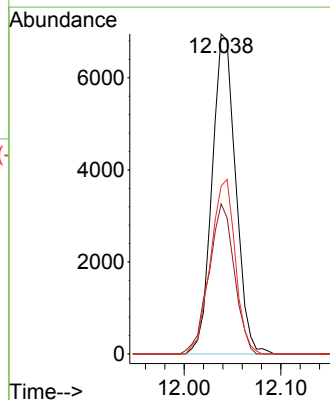
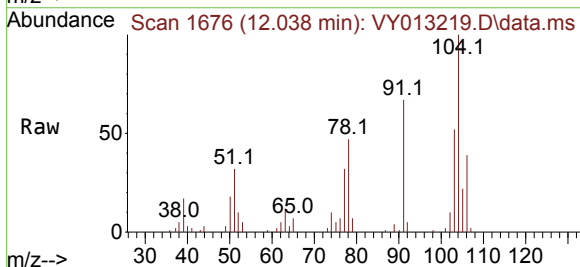
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

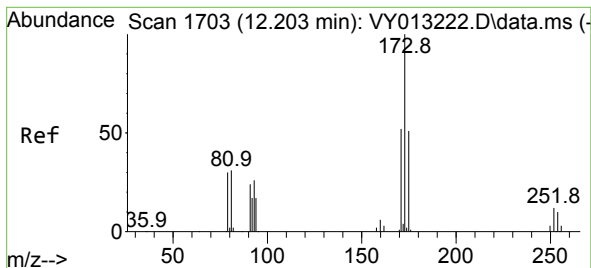
Tgt Ion:106 Resp: 7171
Ion Ratio Lower Upper
106 100
91 211.6 107.2 321.6



#70
Styrene
Concen: 4.332 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion:104 Resp: 11767
Ion Ratio Lower Upper
104 100
78 50.6 39.2 58.8
103 57.4 43.7 65.5





#71

Bromoform

Concen: 5.083 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

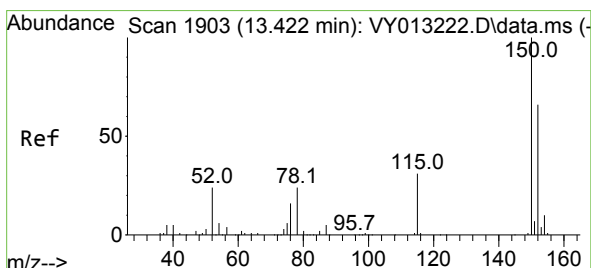
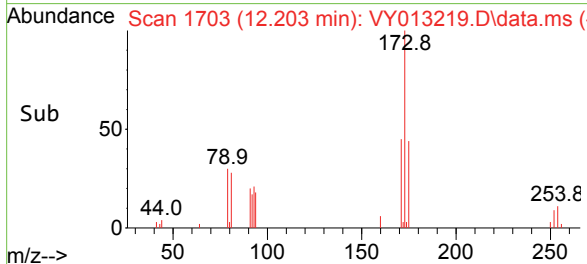
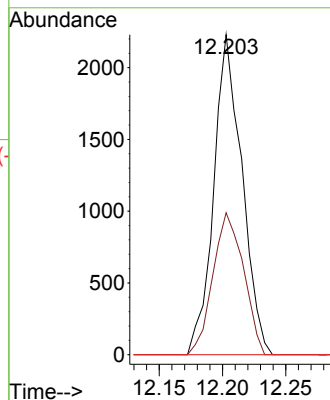
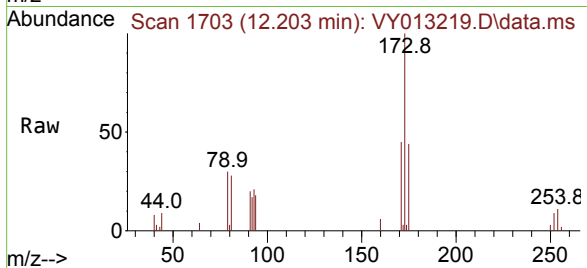
Tgt Ion:173 Resp: 3463

Ion Ratio Lower Upper

173 100

175 48.0 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: VY013219.D

Acq: 07 Apr 2023 16:59

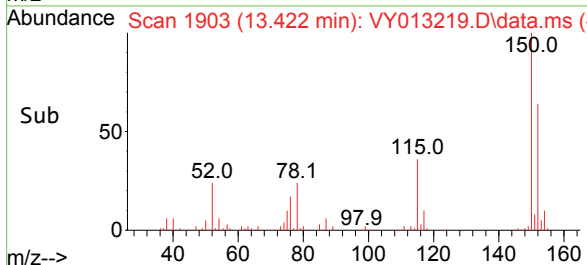
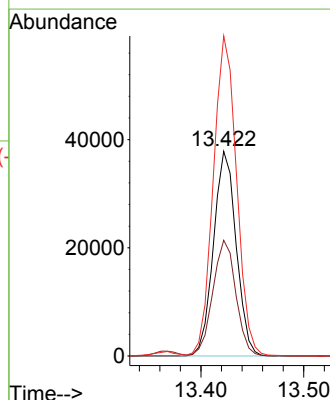
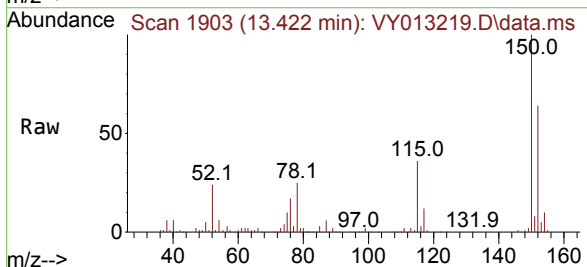
Tgt Ion:152 Resp: 57934

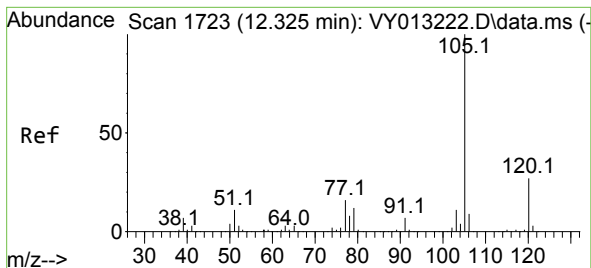
Ion Ratio Lower Upper

152 100

115 57.4 27.1 81.3

150 160.7 0.0 347.8





#73

Isopropylbenzene

Concen: 4.826 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

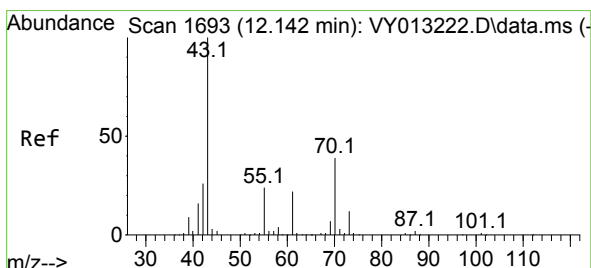
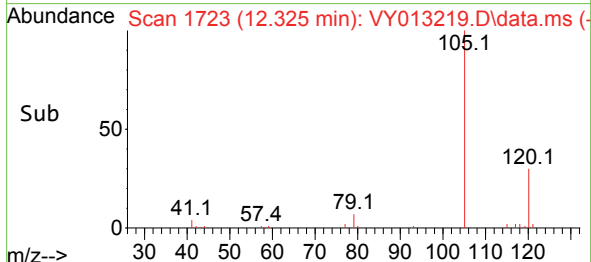
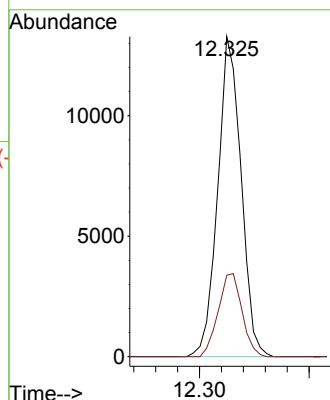
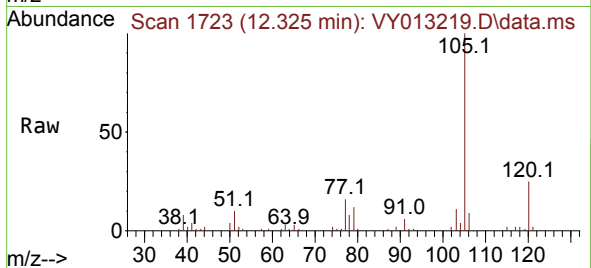
VSTDIC005

Tgt Ion:105 Resp: 19629

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 5.280 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Tgt Ion: 43 Resp: 6598

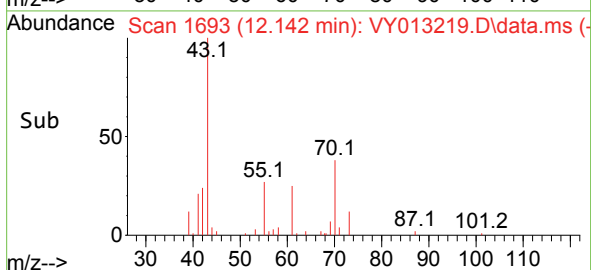
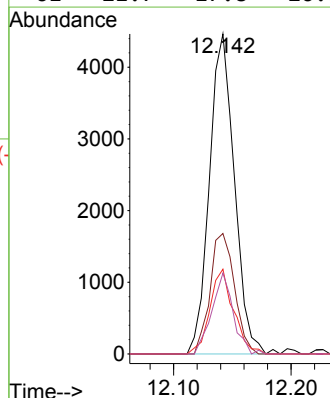
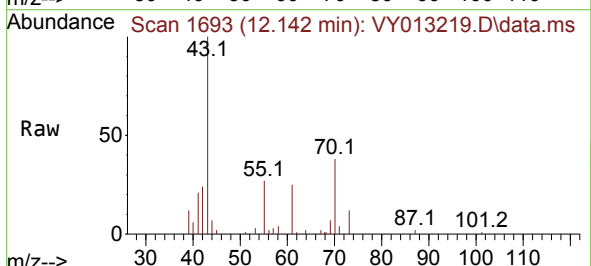
Ion Ratio Lower Upper

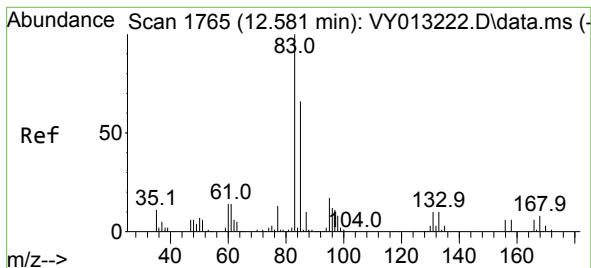
43 100

70 36.8 31.6 47.4

55 25.2 18.8 28.2

61 21.7 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.856 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

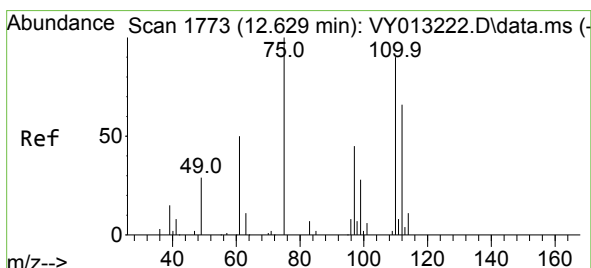
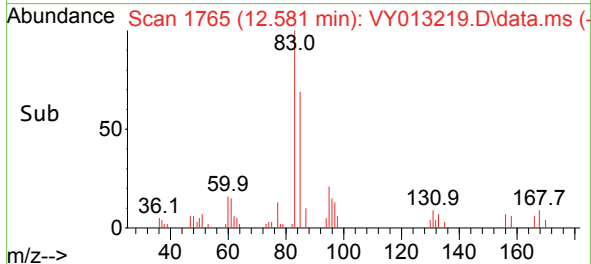
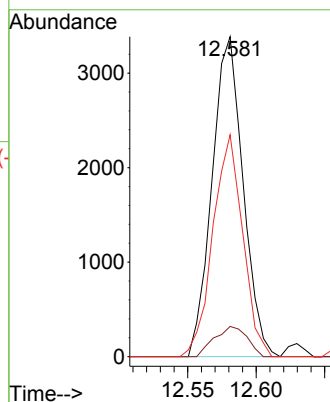
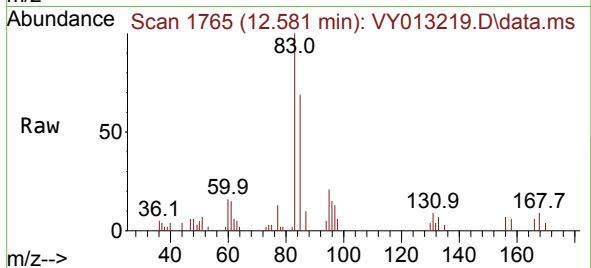
Tgt Ion: 83 Resp: 5323

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 66.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 10.264 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013219.D

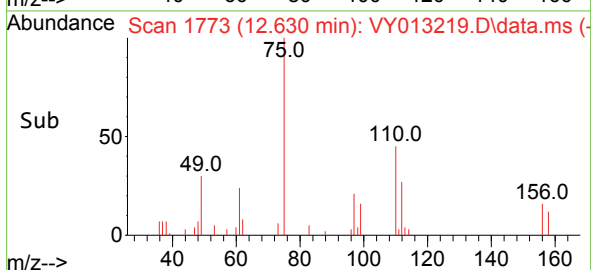
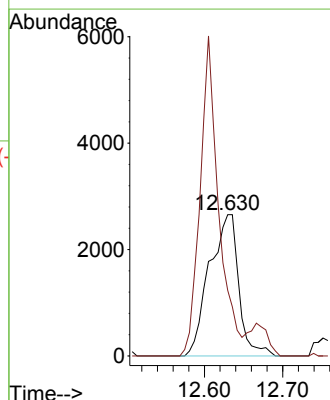
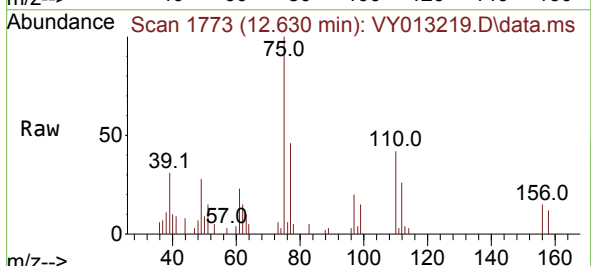
Acq: 07 Apr 2023 16:59

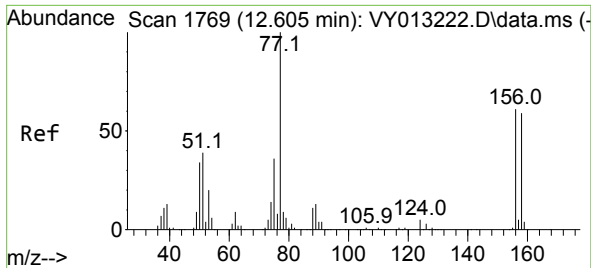
Tgt Ion: 75 Resp: 6930

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

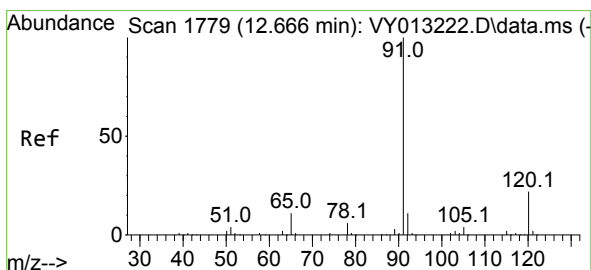
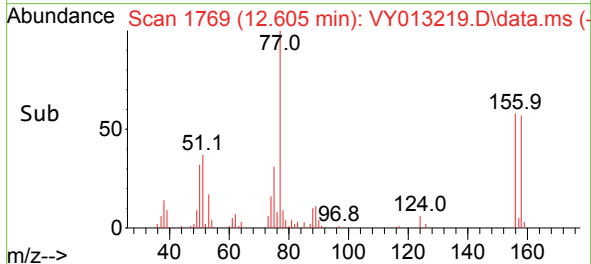
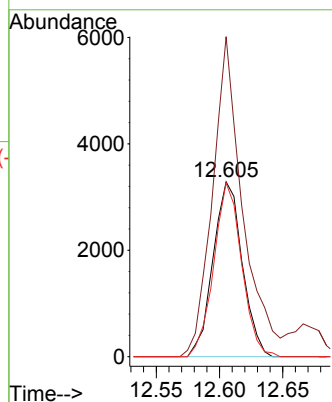
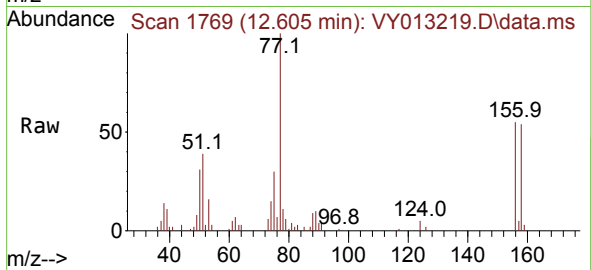




#77
Bromobenzene
Concen: 5.049 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

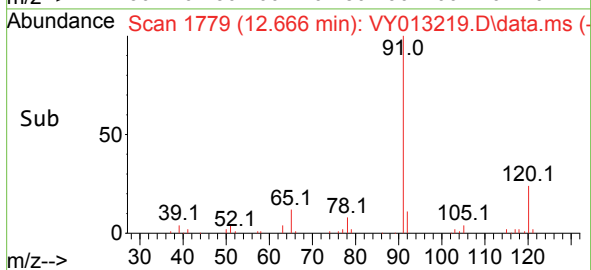
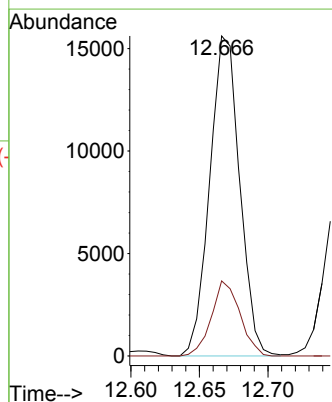
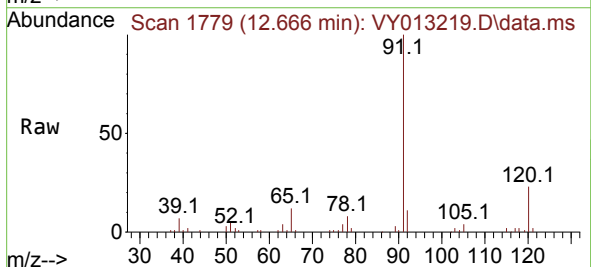
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

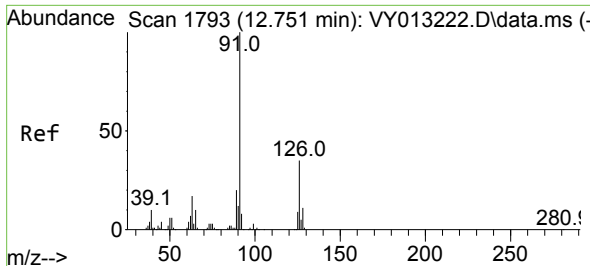
Tgt Ion:156 Resp: 5274
Ion Ratio Lower Upper
156 100
77 188.2 94.0 282.1
158 94.9 48.1 144.4



#78
n-propylbenzene
Concen: 4.876 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 91 Resp: 23759
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8

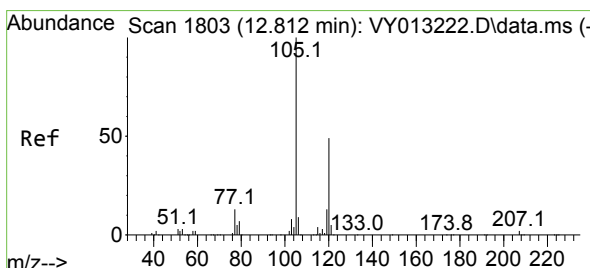
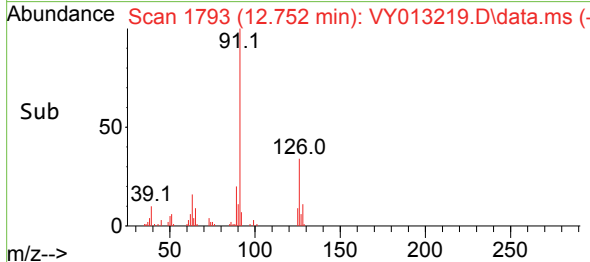
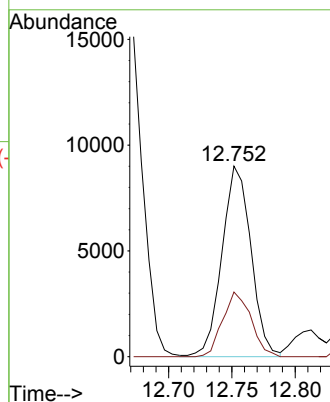
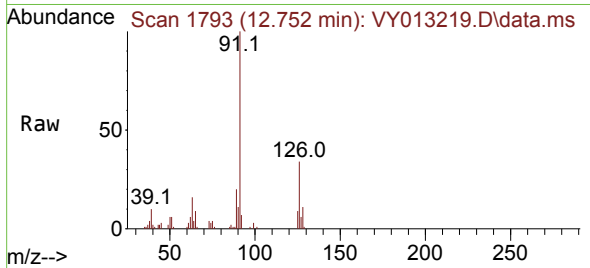




#79
2-Chlorotoluene
Concen: 5.202 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

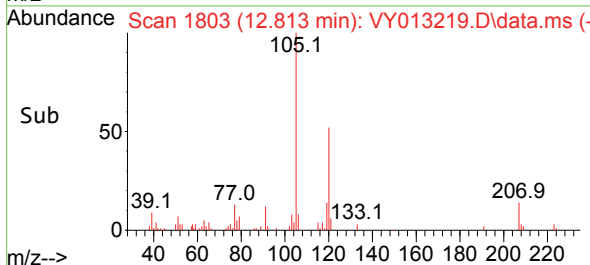
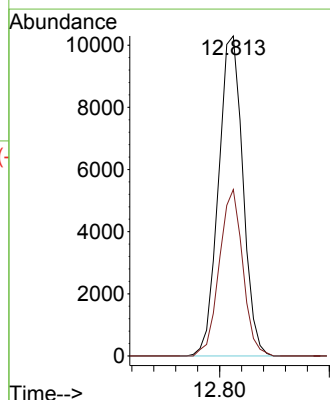
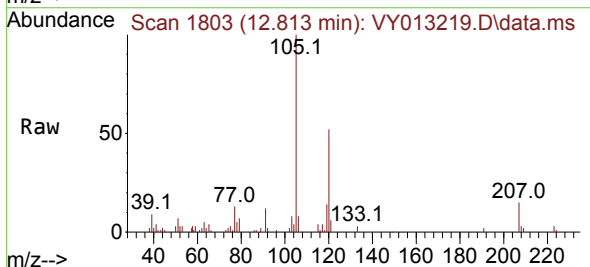
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

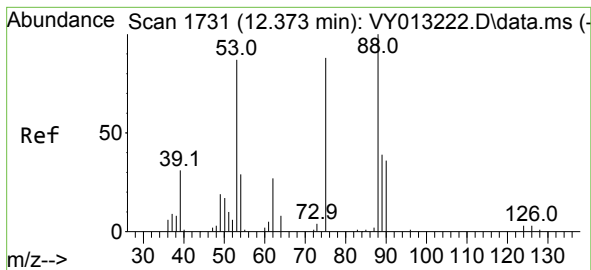
Tgt Ion: 91 Resp: 14392
Ion Ratio Lower Upper
91 100
126 33.1 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 4.639 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion: 105 Resp: 15912
Ion Ratio Lower Upper
105 100
120 50.1 24.8 74.4

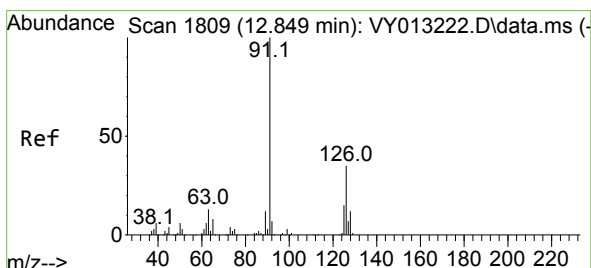
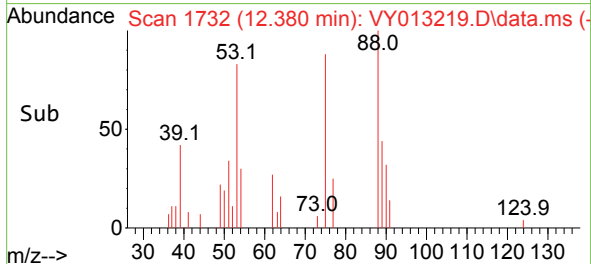
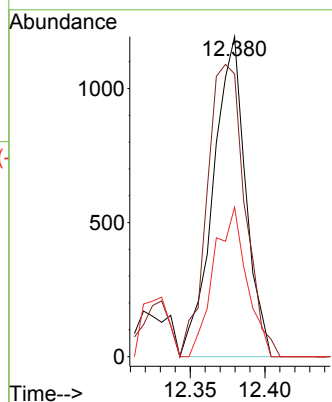
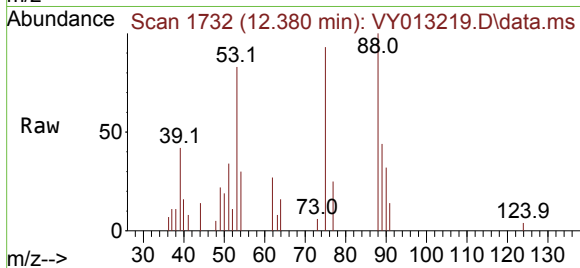




#81
trans-1,4-Dichloro-2-butene
Concen: 5.513 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

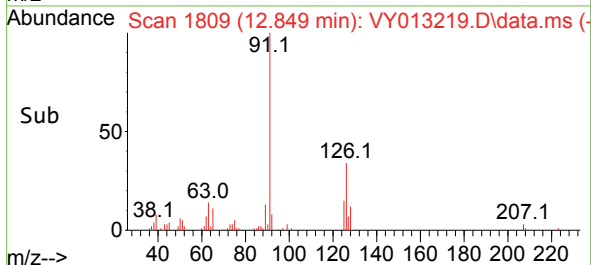
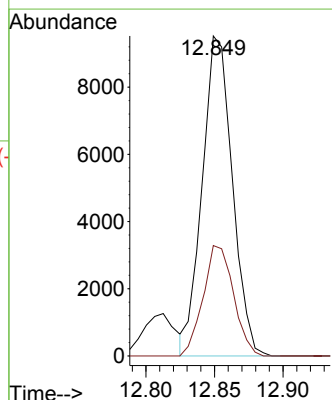
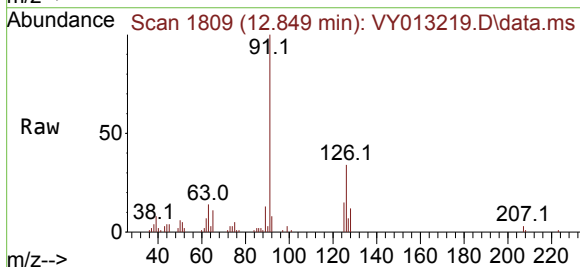
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

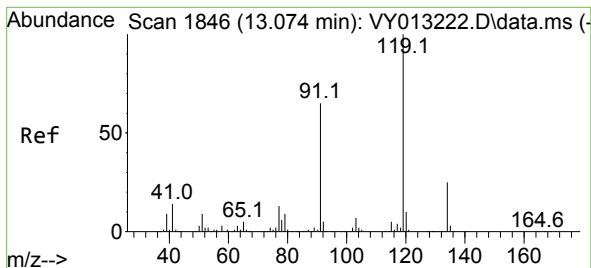
Tgt Ion:	75	Resp:	1797
Ion	Ratio	Lower	Upper
75	100		
53	106.7	73.4	110.0
89	47.3	36.6	55.0



#82
4-Chlorotoluene
Concen: 4.997 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion:	91	Resp:	14568
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.7	53.1





#83

tert-Butylbenzene

Concen: 4.569 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

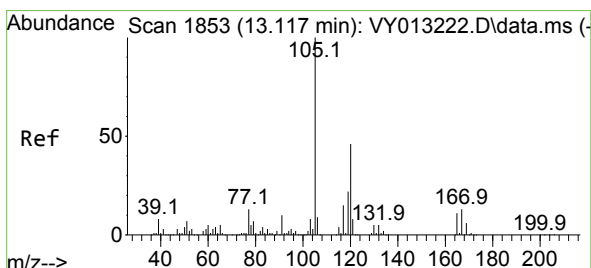
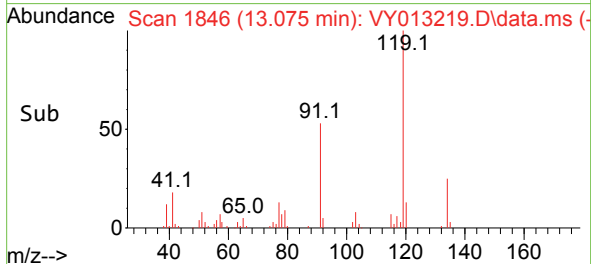
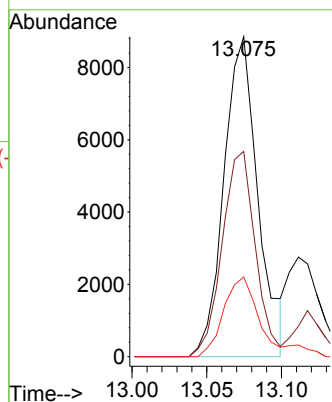
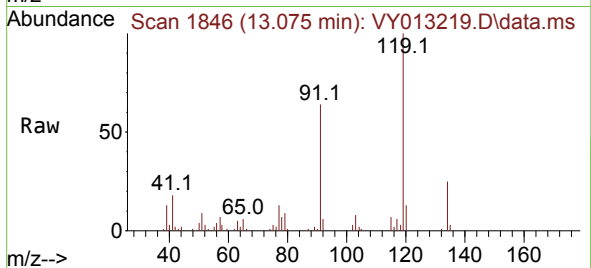
Tgt Ion:119 Resp: 14027

Ion Ratio Lower Upper

119 100

91 62.4 32.8 98.3

134 27.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 4.394 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013219.D

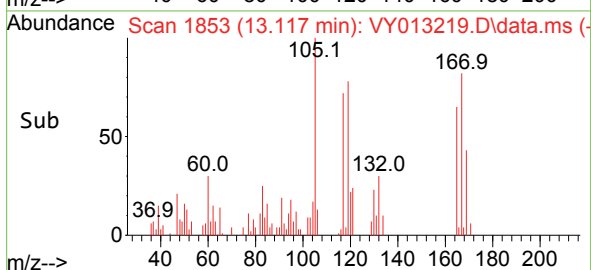
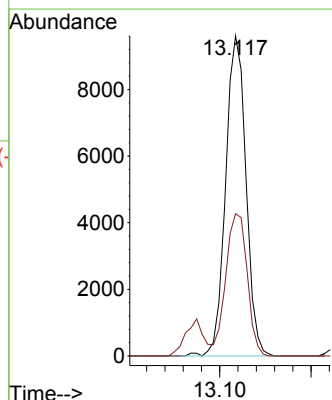
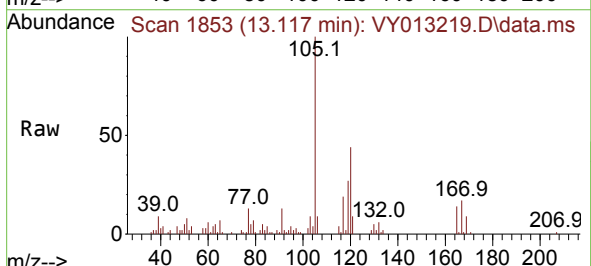
Acq: 07 Apr 2023 16:59

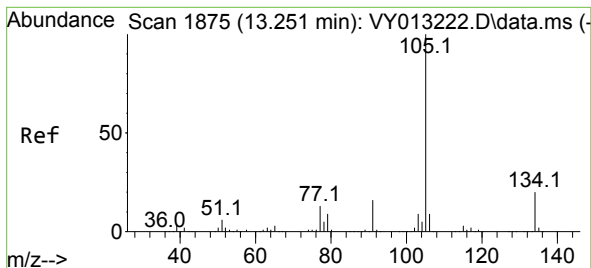
Tgt Ion:105 Resp: 14848

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 4.719 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

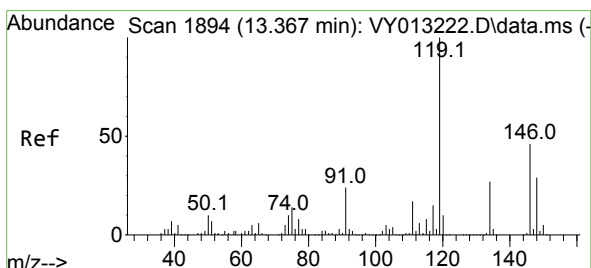
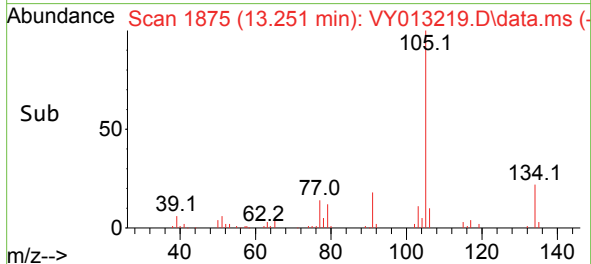
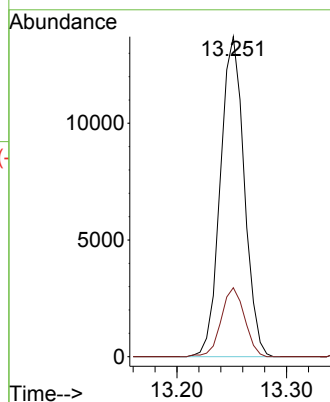
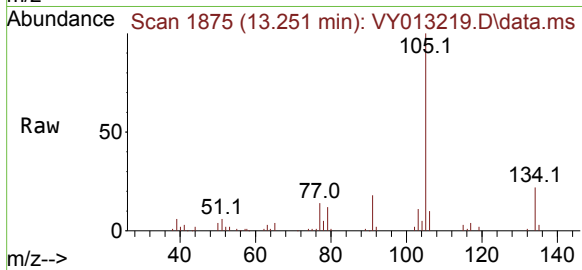
VSTDIC005

Tgt Ion:105 Resp: 20757

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 4.412 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

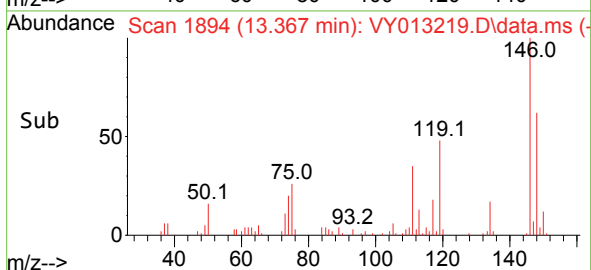
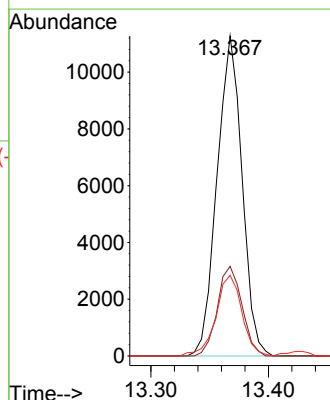
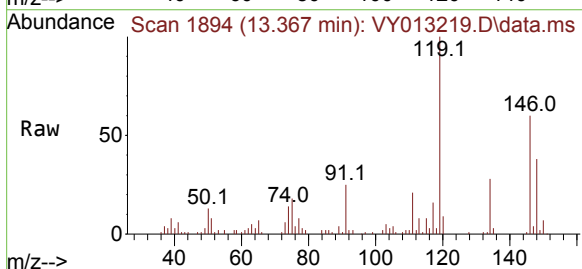
Tgt Ion:119 Resp: 16671

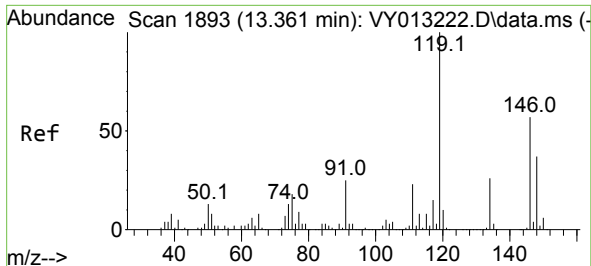
Ion Ratio Lower Upper

119 100

134 27.6 13.2 39.6

91 26.1 11.8 35.3

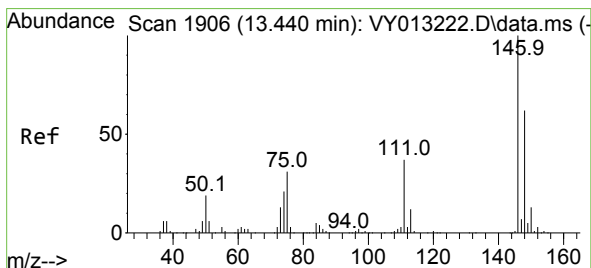
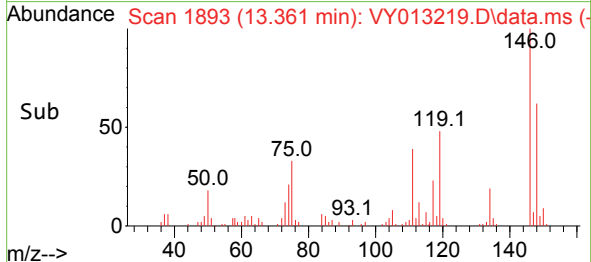
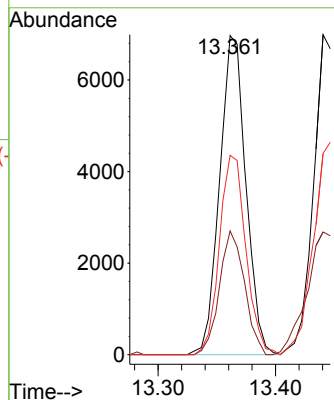
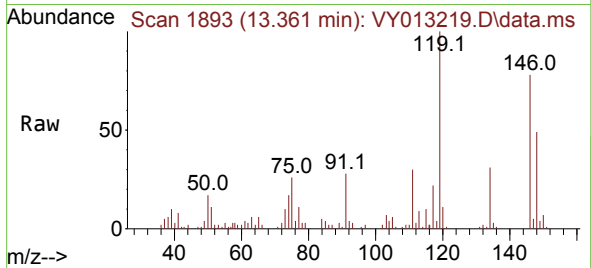




#87
 1,3-Dichlorobenzene
 Concen: 5.272 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY013219.D
 Acq: 07 Apr 2023 16:59

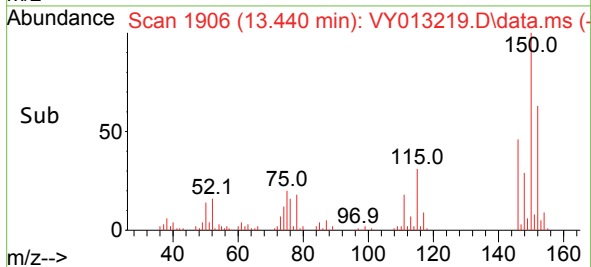
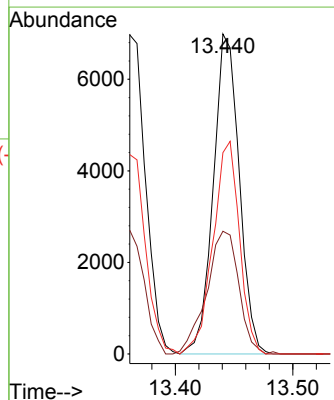
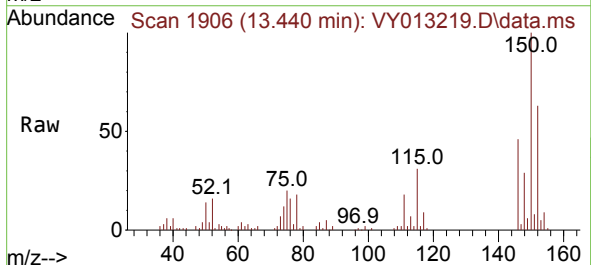
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

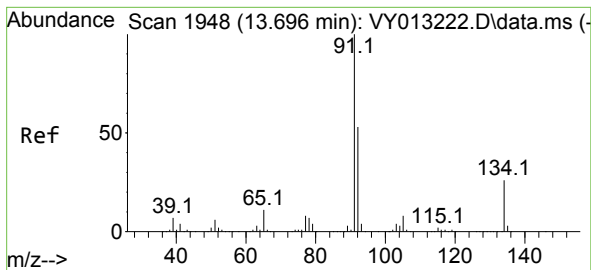
Tgt Ion:146	Resp:	10810
Ion	Ratio	Lower Upper
146	100	
111	37.2	19.1 57.5
148	63.0	31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.200 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY013219.D
 Acq: 07 Apr 2023 16:59

Tgt Ion:146	Resp:	10738
Ion	Ratio	Lower Upper
146	100	
111	47.6	18.6 55.8
148	67.9	31.5 94.5





#89

n-Butylbenzene

Concen: 4.958 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

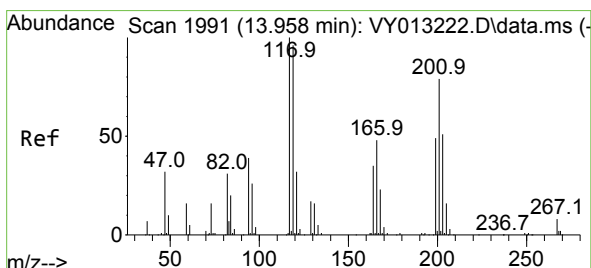
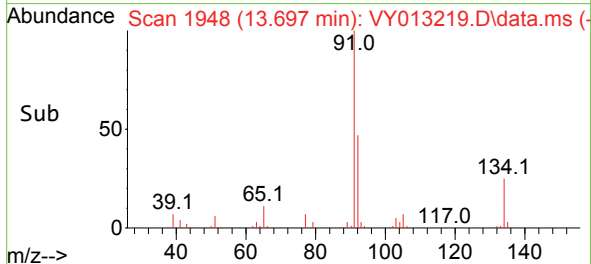
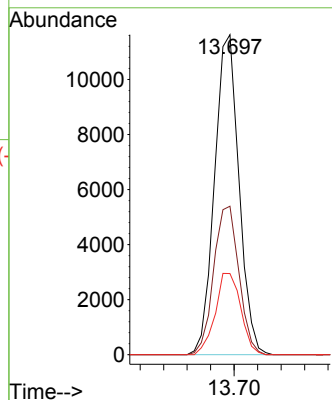
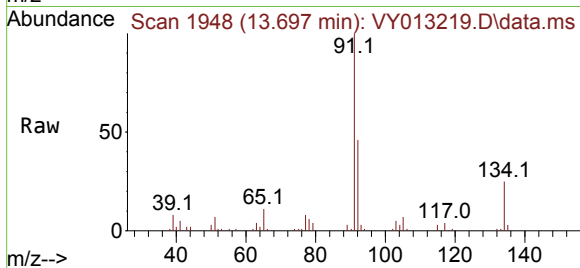
Tgt Ion: 91 Resp: 16775

Ion Ratio Lower Upper

91 100

92 48.0 26.4 79.0

134 26.6 13.0 38.9



#90

Hexachloroethane

Concen: 5.682 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013219.D

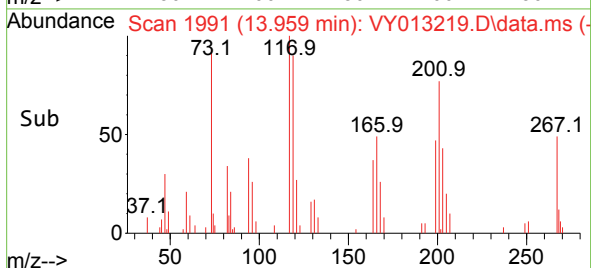
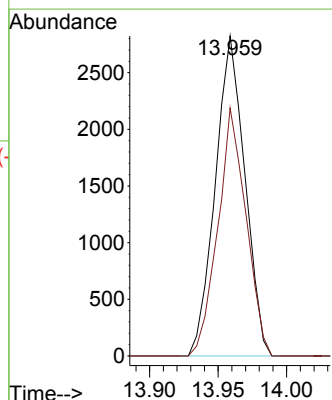
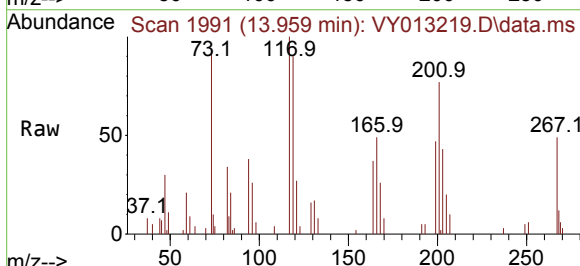
Acq: 07 Apr 2023 16:59

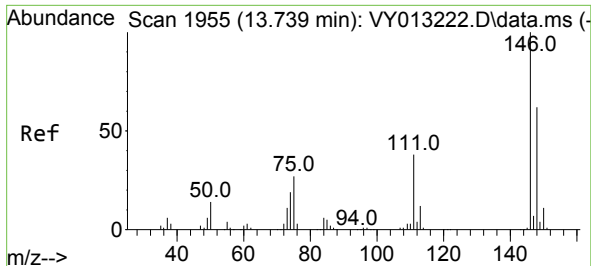
Tgt Ion: 117 Resp: 4241

Ion Ratio Lower Upper

117 100

201 73.9 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 5.103 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

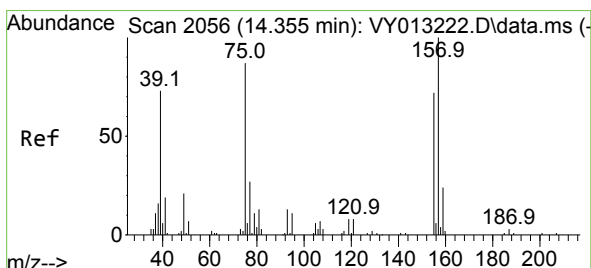
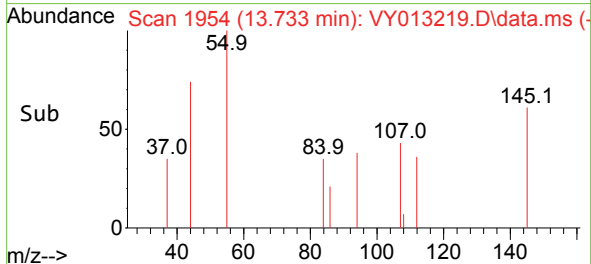
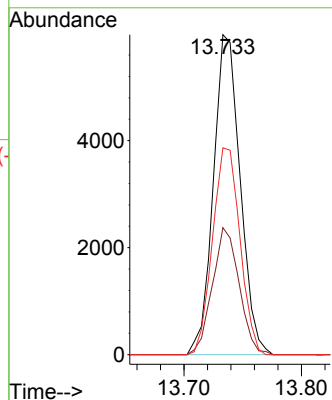
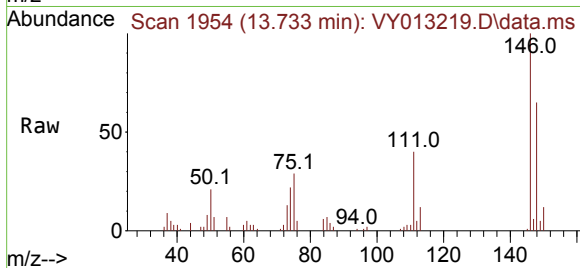
Tgt Ion:146 Resp: 9475

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.1

148 66.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.518 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

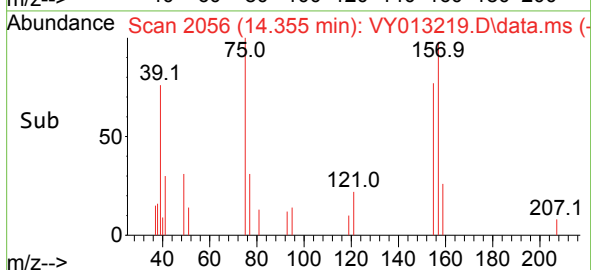
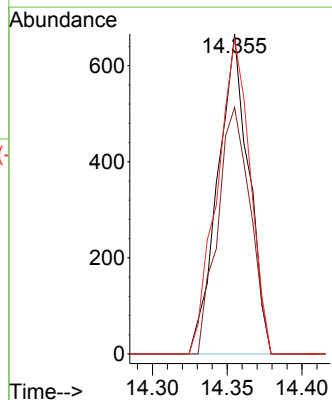
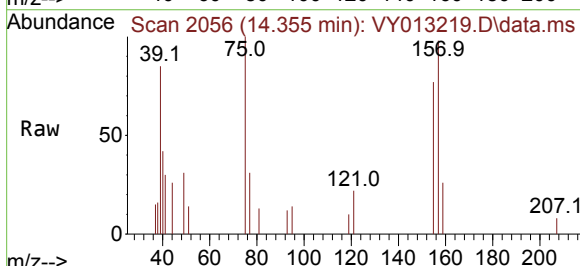
Tgt Ion: 75 Resp: 957

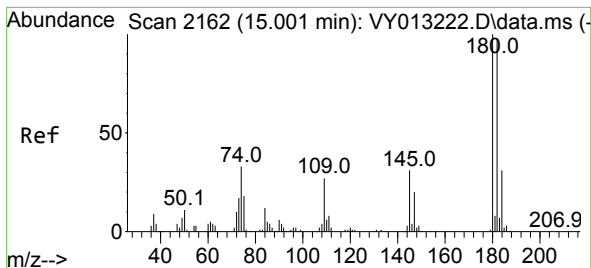
Ion Ratio Lower Upper

75 100

155 81.2 43.8 131.4

157 105.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 4.613 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

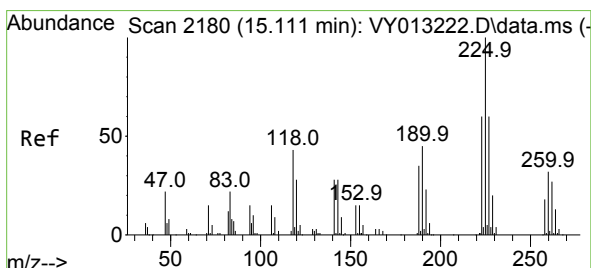
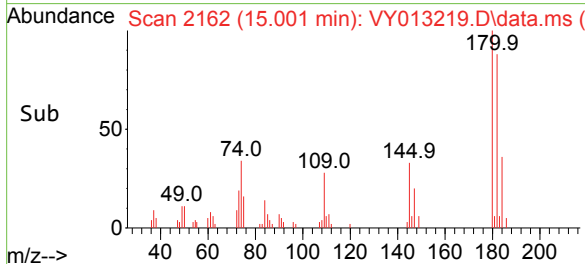
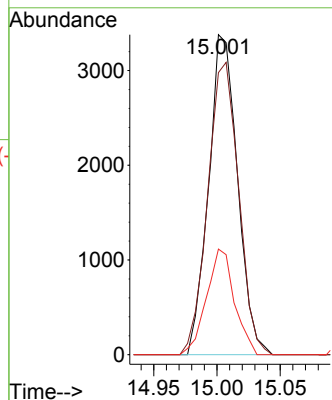
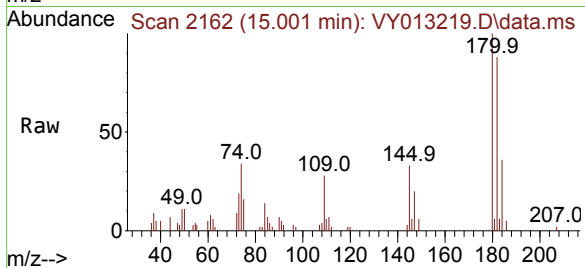
Tgt Ion:180 Resp: 5382

Ion Ratio Lower Upper

180 100

182 97.2 46.7 140.1

145 31.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 5.305 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013219.D

Acq: 07 Apr 2023 16:59

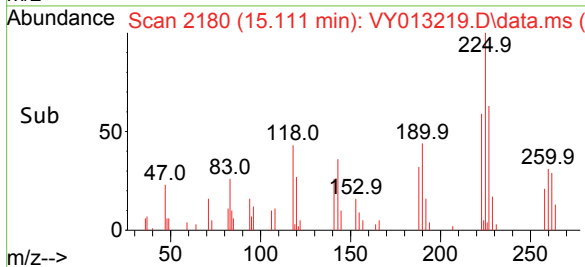
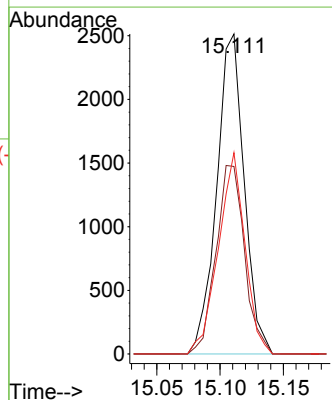
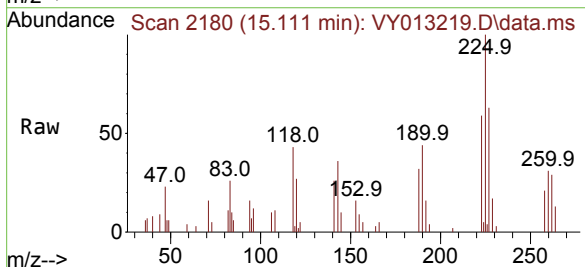
Tgt Ion:225 Resp: 3804

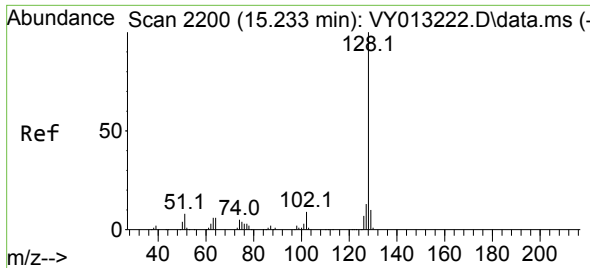
Ion Ratio Lower Upper

225 100

223 61.2 31.1 93.3

227 60.8 32.4 97.0

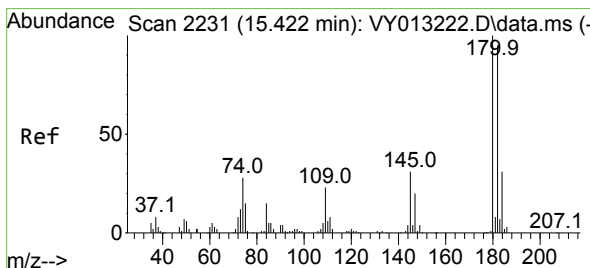
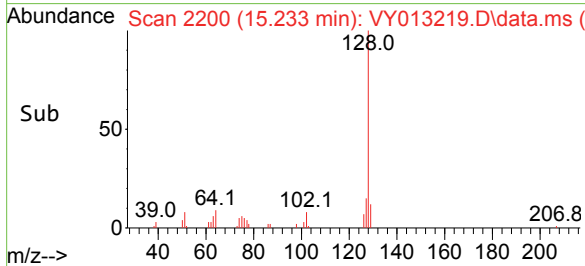
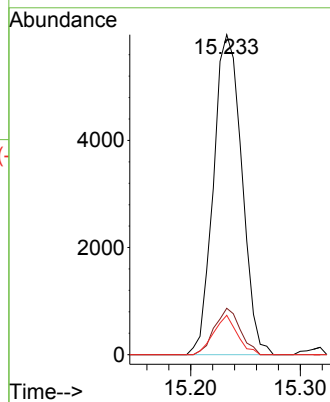
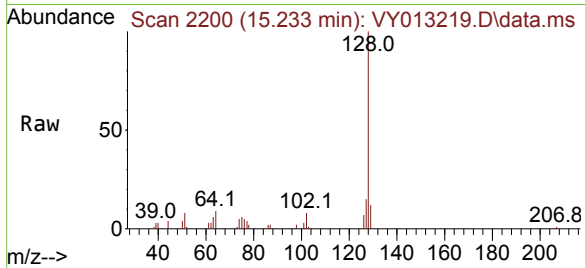




#95
Naphthalene
Concen: 4.305 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	10727
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.3	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.769 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY013219.D
Acq: 07 Apr 2023 16:59

Tgt Ion:	180	Resp:	5208
Ion Ratio	Lower	Upper	
180	100		
182	97.3	47.4	142.3
145	29.1	15.3	45.8

