

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018343.D
 Acq On : 22 May 2024 12:43
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: May 23 01:25:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:24:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	136270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	7098	5.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.000%#
35) Dibromofluoromethane	7.704	113	7684	5.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.560%#
50) Toluene-d8	10.173	98	29093	5.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.260%#
62) 4-Bromofluorobenzene	12.477	95	9319	5.314	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.620%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	6220	5.348	ug/l	94
3) Chloromethane	2.101	50	10389	5.496	ug/l	97
4) Vinyl Chloride	2.241	62	11036	5.219	ug/l	93
5) Bromomethane	2.644	94	8254	5.460	ug/l	91
6) Chloroethane	2.784	64	7157	5.214	ug/l	98
7) Trichlorofluoromethane	3.119	101	12181	5.133	ug/l	92
8) Diethyl Ether	3.522	74	3984	5.258	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	8095	5.530	ug/l	91
10) Methyl Iodide	4.076	142	7169	4.869	ug/l	95
11) Tert butyl alcohol	4.948	59	1642	10.591	ug/l #	69
12) 1,1-Dichloroethene	3.863	96	7872	5.460	ug/l #	82
13) Acrolein	3.710	56	3762	21.536	ug/l	85
14) Allyl chloride	4.460	41	10954	5.440	ug/l	91
15) Acrylonitrile	5.155	53	8573	26.159	ug/l #	86
16) Acetone	3.936	43	7630	28.734	ug/l	89
17) Carbon Disulfide	4.174	76	18825	4.675	ug/l	98
18) Methyl Acetate	4.466	43	4025	5.719	ug/l #	70
19) Methyl tert-butyl Ether	5.210	73	18691	5.406	ug/l	95
20) Methylene Chloride	4.692	84	12262	3.520	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	7962	5.235	ug/l	90
22) Diisopropyl ether	6.100	45	23072	5.513	ug/l #	85
23) Vinyl Acetate	6.052	43	69659	25.997	ug/l	94
24) 1,1-Dichloroethane	6.003	63	13700	5.338	ug/l	99
25) 2-Butanone	6.984	43	11542	27.429	ug/l	89
26) 2,2-Dichloropropane	6.966	77	11786	5.313	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	9471	5.299	ug/l	96
28) Bromochloromethane	7.320	49	4482	5.142	ug/l #	89
29) Tetrahydrofuran	7.344	42	7693	27.776	ug/l	88
30) Chloroform	7.490	83	13967	5.339	ug/l	96
31) Cyclohexane	7.777	56	15646	4.606	ug/l #	90
32) 1,1,1-Trichloroethane	7.698	97	11697	5.095	ug/l	98
36) 1,1-Dichloropropene	7.911	75	10906	5.166	ug/l	95
37) Ethyl Acetate	7.064	43	4739	4.692	ug/l #	96
38) Carbon Tetrachloride	7.893	117	10561	4.884	ug/l	87
39) Methylcyclohexane	9.173	83	15423	5.237	ug/l	96
40) Benzene	8.149	78	31665	4.920	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018343.D
 Acq On : 22 May 2024 12:43
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: May 23 01:25:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:24:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	2270	4.065	ug/l #	84
42) 1,2-Dichloroethane	8.234	62	7719	4.986	ug/l	95
43) Isopropyl Acetate	8.271	43	10138	5.145	ug/l	94
44) Trichloroethene	8.935	130	7896	4.786	ug/l	92
45) 1,2-Dichloropropane	9.216	63	7392	5.107	ug/l #	88
46) Dibromomethane	9.301	93	4419	5.203	ug/l	92
47) Bromodichloromethane	9.496	83	10607	5.146	ug/l	89
48) Methyl methacrylate	9.289	41	4373	4.906	ug/l	91
49) 1,4-Dioxane	9.301	88	1090	98.908	ug/l #	78
51) 4-Methyl-2-Pentanone	10.063	43	25008	25.146	ug/l	96
52) Toluene	10.240	92	19915	4.936	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	9205	4.884	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	11296	4.892	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	5641	5.013	ug/l	89
56) Ethyl methacrylate	10.502	69	7299	4.729	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	9842	5.160	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	19169	27.485	ug/l	96
59) 2-Hexanone	10.831	43	16783	24.525	ug/l	92
60) Dibromochloromethane	10.984	129	6002	4.416	ug/l	92
61) 1,2-Dibromoethane	11.087	107	4946	4.764	ug/l	100
64) Tetrachloroethene	10.715	164	7305	4.853	ug/l	91
65) Chlorobenzene	11.514	112	22328	5.093	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	6289	4.535	ug/l	97
67) Ethyl Benzene	11.587	91	39363	5.113	ug/l	98
68) m/p-Xylenes	11.697	106	29716	10.032	ug/l	98
69) o-Xylene	12.026	106	13979	5.001	ug/l	100
70) Styrene	12.044	104	22127	4.788	ug/l	97
71) Bromoform	12.203	173	3176	4.330	ug/l #	98
73) Isopropylbenzene	12.331	105	36702	5.240	ug/l	97
74) N-amyl acetate	12.142	43	8281	5.068	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	6411	5.372	ug/l	95
76) 1,2,3-Trichloropropane	12.630	75	7649	9.233	ug/l #	100
77) Bromobenzene	12.605	156	7748	5.051	ug/l	91
78) n-propylbenzene	12.666	91	45325	5.405	ug/l	100
79) 2-Chlorotoluene	12.752	91	24623	5.423	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	29155	5.297	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.367	75	2004	5.148	ug/l	92
82) 4-Chlorotoluene	12.849	91	25740	5.592	ug/l	97
83) tert-Butylbenzene	13.069	119	26168	5.144	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	28248	5.219	ug/l	100
85) sec-Butylbenzene	13.251	105	40225	5.346	ug/l	98
86) p-Isopropyltoluene	13.367	119	32139	5.222	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	15687	5.193	ug/l	95
88) 1,4-Dichlorobenzene	13.447	146	16007	5.324	ug/l	94
89) n-Butylbenzene	13.690	91	32506	5.620	ug/l	97
90) Hexachloroethane	13.959	117	5940	5.226	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	13289	5.070	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	841	5.138	ug/l	83
93) 1,2,4-Trichlorobenzene	15.001	180	7432	4.978	ug/l	95
94) Hexachlorobutadiene	15.105	225	3745	4.902	ug/l	97
95) Naphthalene	15.239	128	13540	4.612	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	6467	5.095	ug/l	95

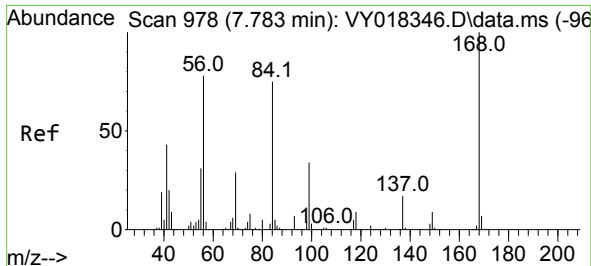
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
Data File : VY018343.D
Acq On : 22 May 2024 12:43
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: May 23 01:25:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:24:34 2024
Response via : Initial Calibration

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

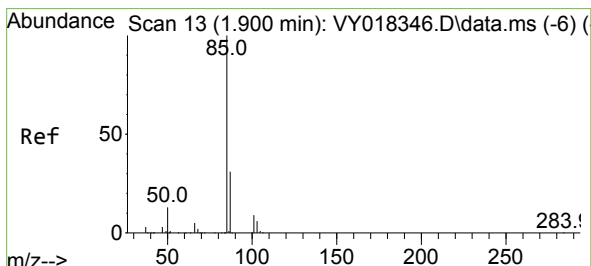
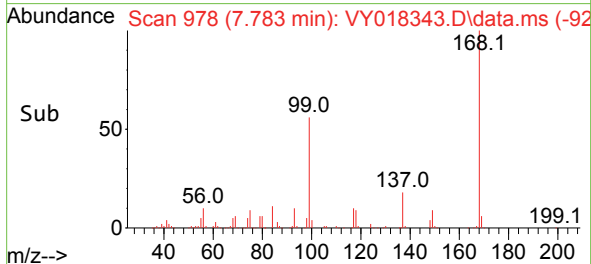
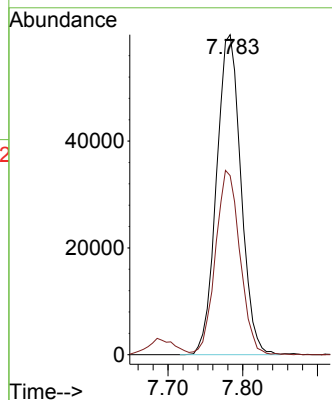
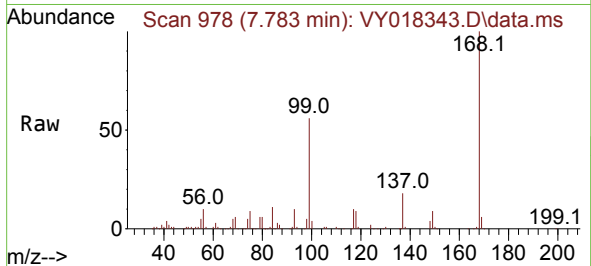
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

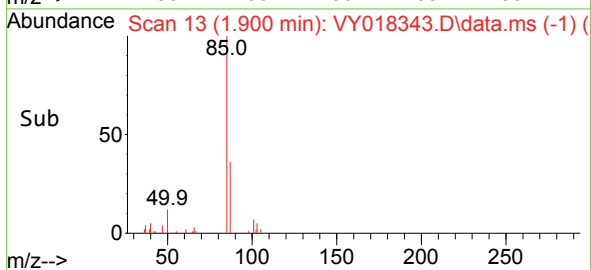
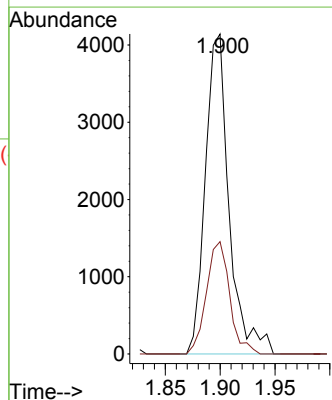
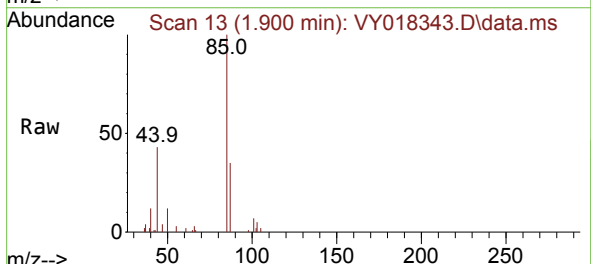
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

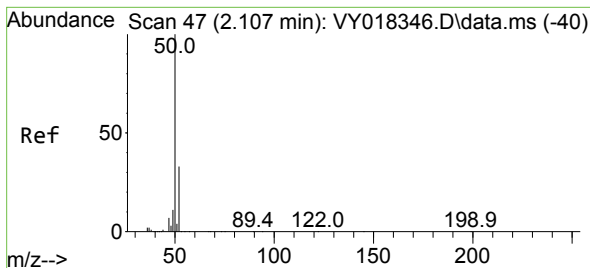
Tgt Ion:168 Resp: 136270
Ion Ratio Lower Upper
168 100
99 55.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 5.348 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 85 Resp: 6220
Ion Ratio Lower Upper
85 100
87 35.1 16.0 48.0

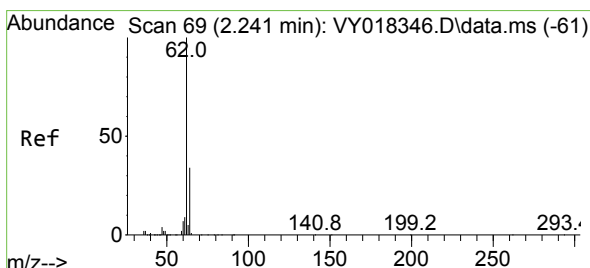
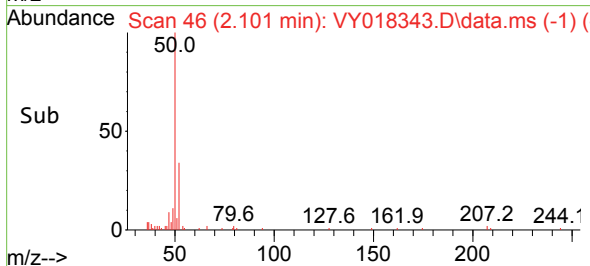
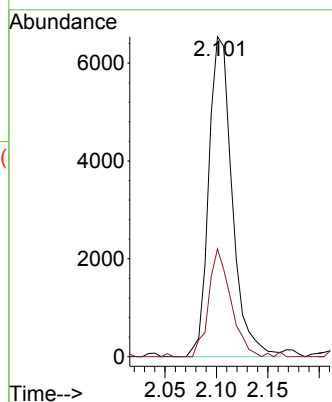
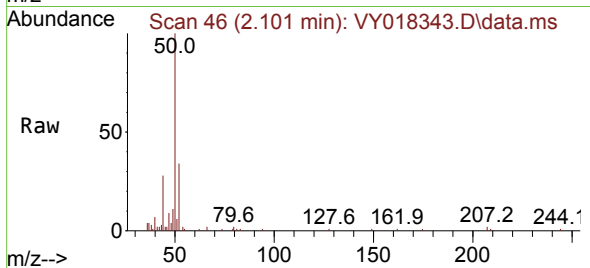




#3
Chloromethane
Concen: 5.496 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

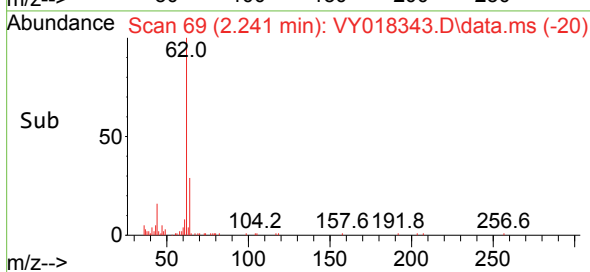
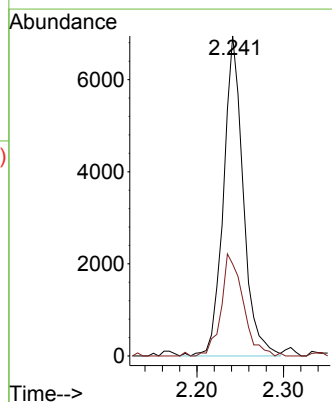
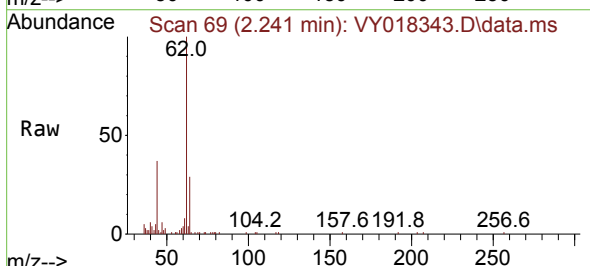
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

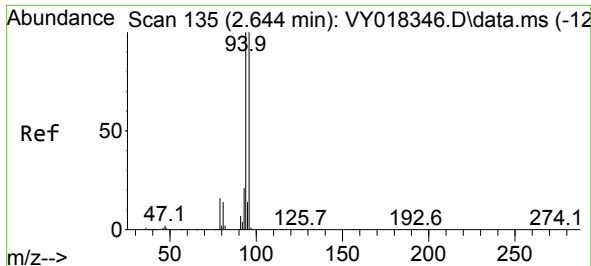
Tgt Ion: 50 Resp: 10389
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4



#4
Vinyl Chloride
Concen: 5.219 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 62 Resp: 11036
Ion Ratio Lower Upper
62 100
64 28.7 26.1 39.1

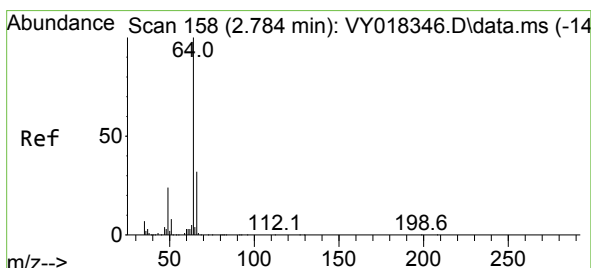
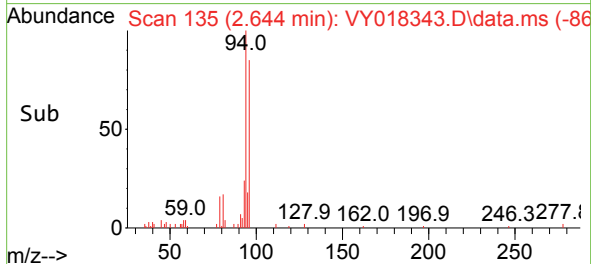
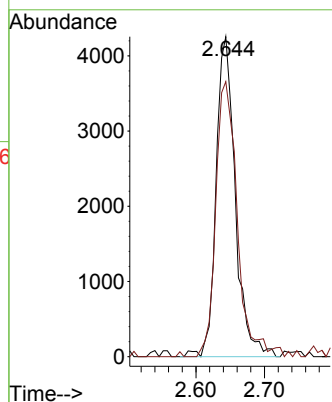
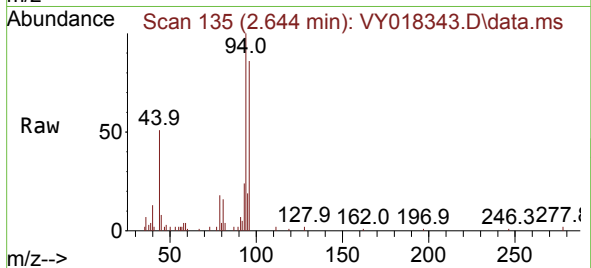




#5
Bromomethane
Concen: 5.460 ug/l
RT: 2.644 min Scan# 135
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

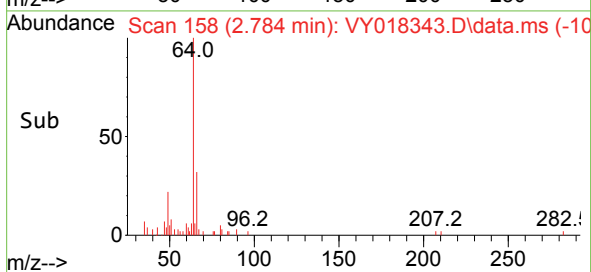
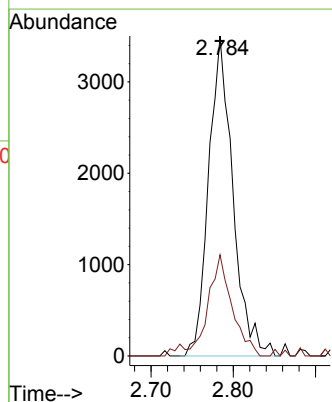
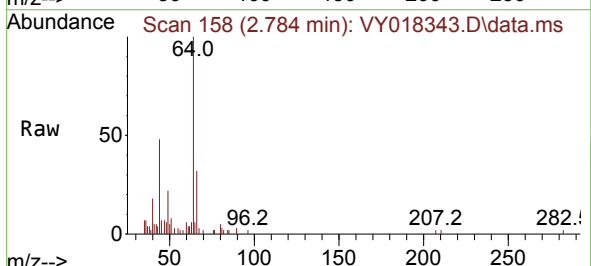
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

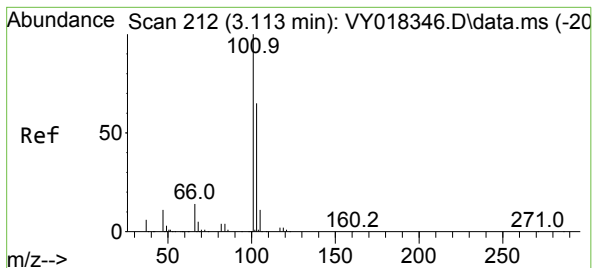
Tgt Ion: 94 Resp: 8254
Ion Ratio Lower Upper
94 100
96 84.4 74.1 111.1



#6
Chloroethane
Concen: 5.214 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 64 Resp: 7157
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1





#7

Trichlorofluoromethane

Concen: 5.133 ug/l

RT: 3.119 min Scan# 212

Delta R.T. 0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

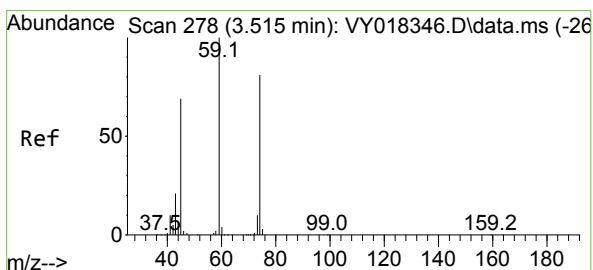
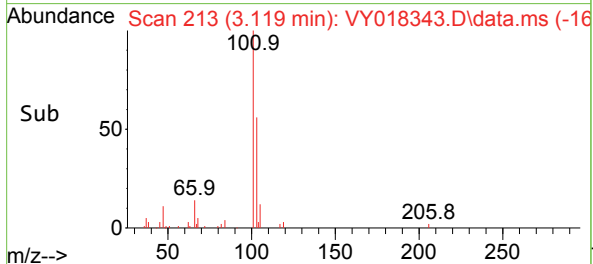
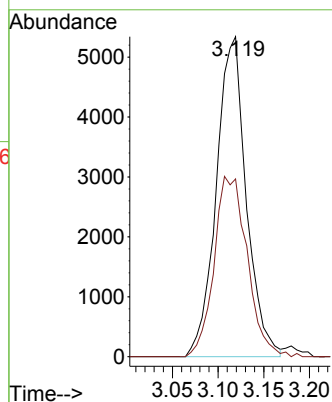
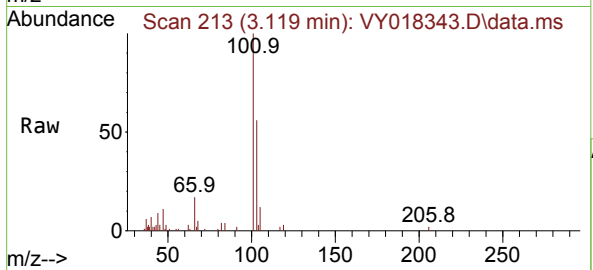
VSTDIC005

Tgt Ion:101 Resp: 12181

Ion Ratio Lower Upper

101 100

103 55.6 49.3 73.9



#8

Diethyl Ether

Concen: 5.258 ug/l

RT: 3.522 min Scan# 279

Delta R.T. 0.006 min

Lab File: VY018343.D

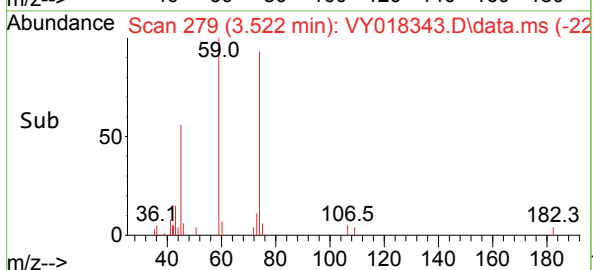
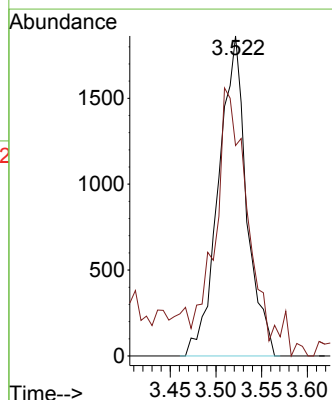
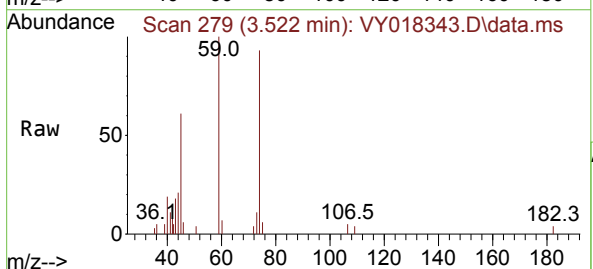
Acq: 22 May 2024 12:43

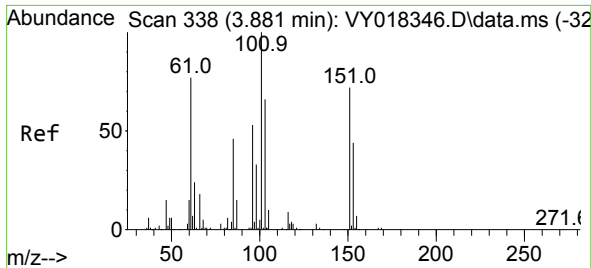
Tgt Ion: 74 Resp: 3984

Ion Ratio Lower Upper

74 100

45 84.3 41.3 124.1

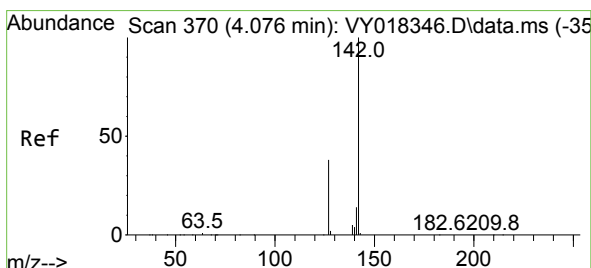
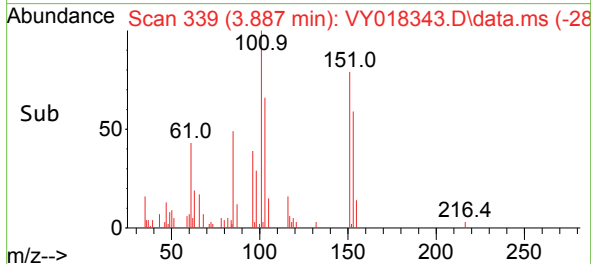
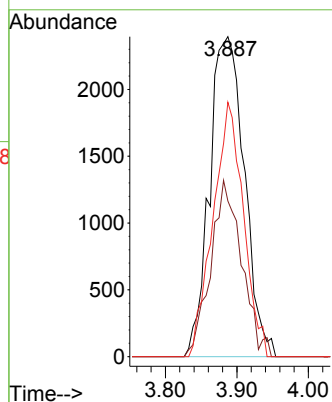
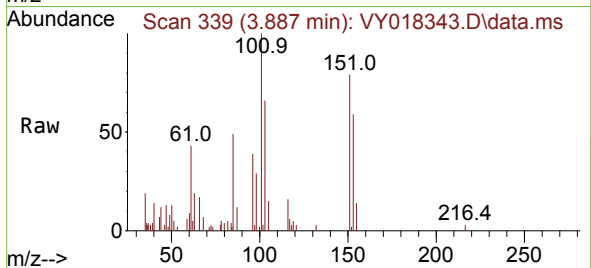




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.530 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

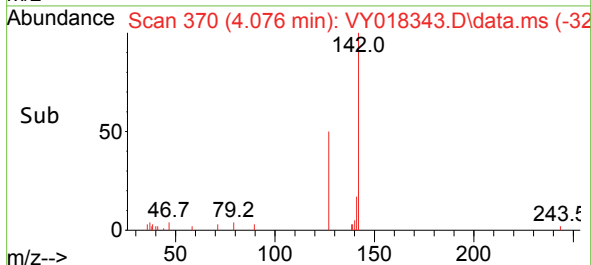
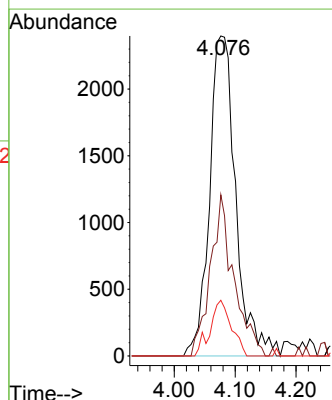
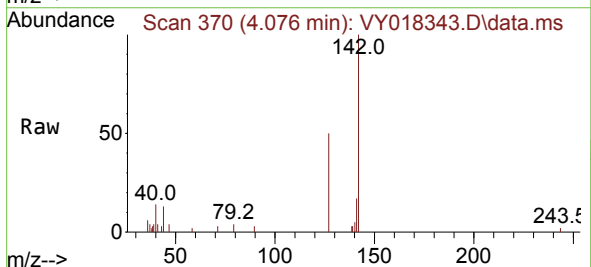
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

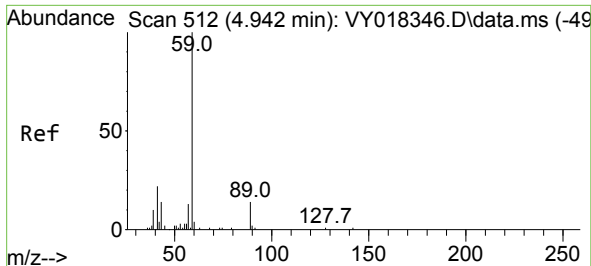
Tgt Ion:101 Resp: 8095
Ion Ratio Lower Upper
101 100
85 49.1 34.5 51.7
151 69.4 61.7 92.5



#10
Methyl Iodide
Concen: 4.869 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion:142 Resp: 7169
Ion Ratio Lower Upper
142 100
127 45.1 32.8 49.2
141 14.0 11.4 17.2

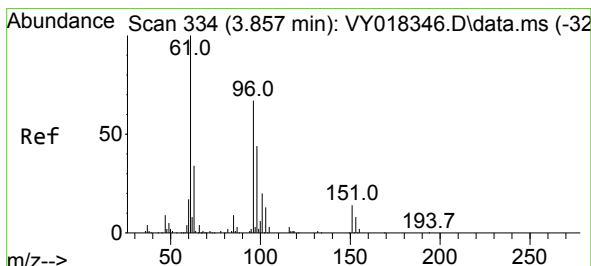
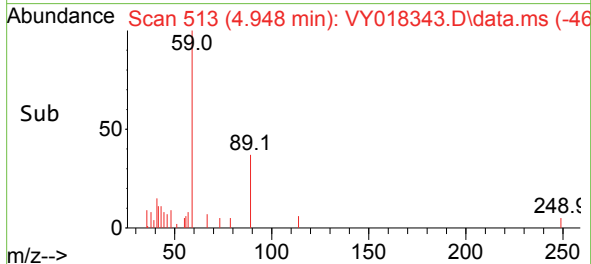
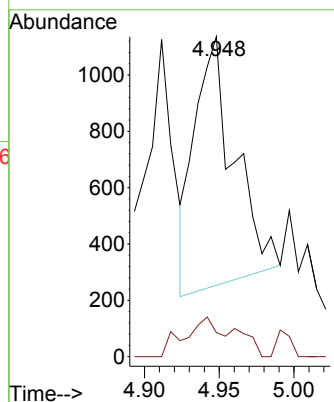
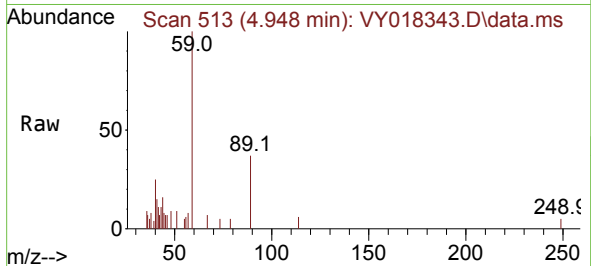




#11
Tert butyl alcohol
Concen: 10.591 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

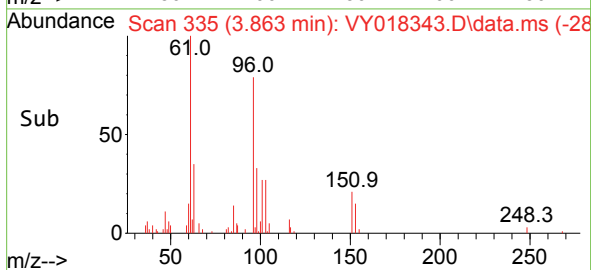
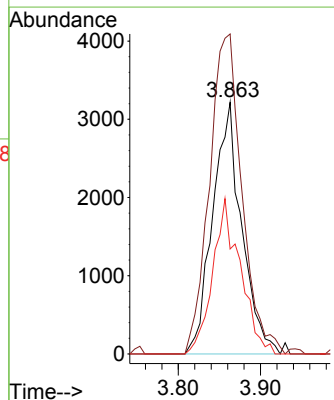
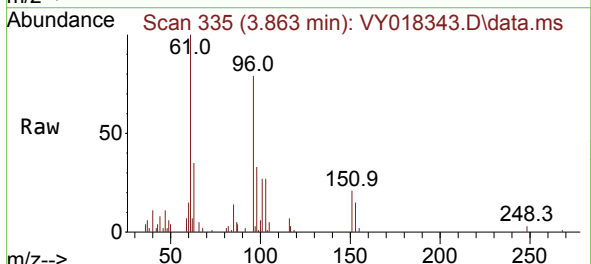
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

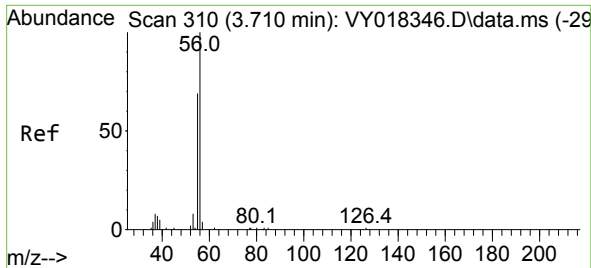
Tgt Ion: 59 Resp: 1642
Ion Ratio Lower Upper
59 100
57 13.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 5.460 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 96 Resp: 7872
Ion Ratio Lower Upper
96 100
61 127.2 114.6 171.8
98 41.7 50.8 76.2#

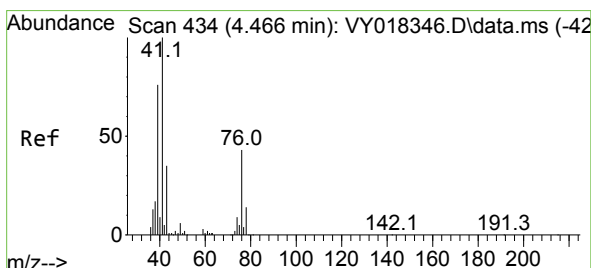
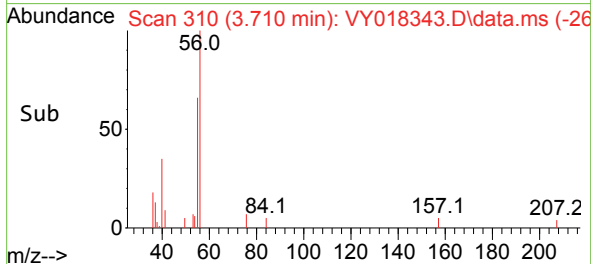
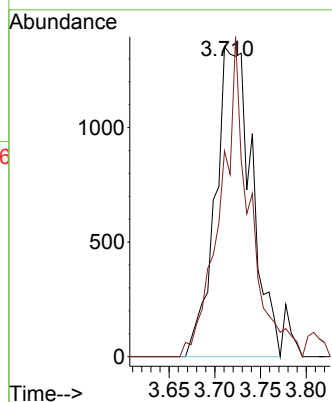
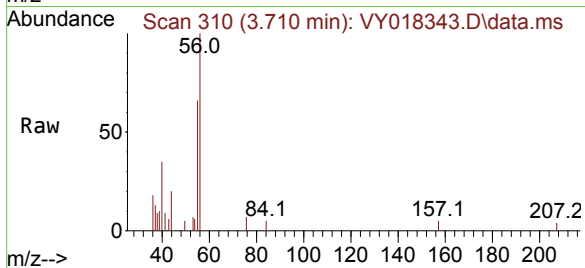




#13
Acrolein
Concen: 21.536 ug/l
RT: 3.710 min Scan# 310
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

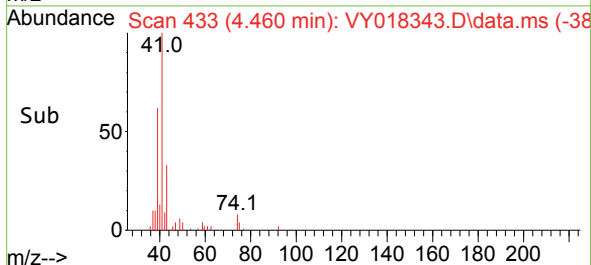
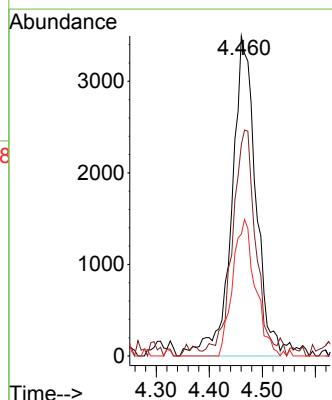
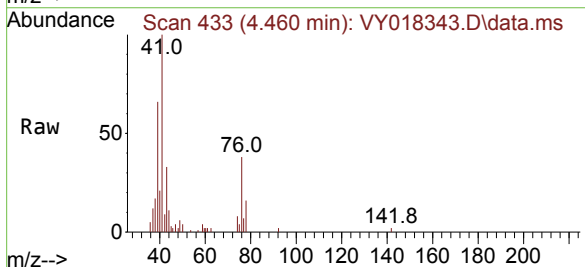
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

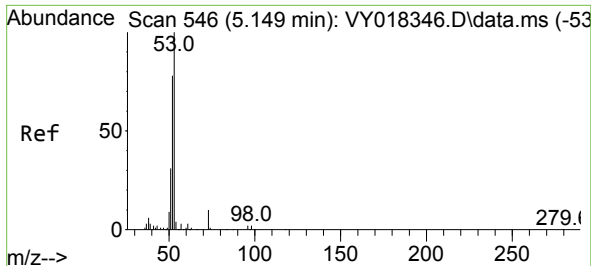
Tgt Ion: 56 Resp: 3762
Ion Ratio Lower Upper
56 100
55 82.0 55.7 83.5



#14
Allyl chloride
Concen: 5.440 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 41 Resp: 10954
Ion Ratio Lower Upper
41 100
39 66.7 58.3 87.5
76 40.2 39.0 58.6

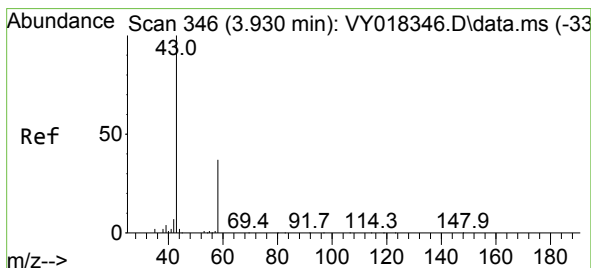
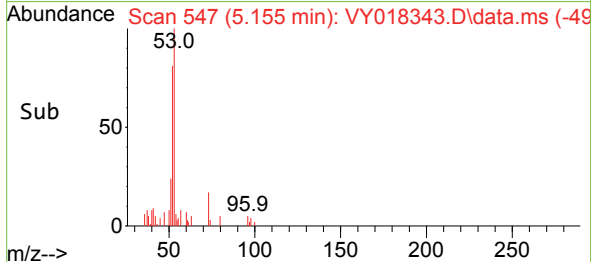
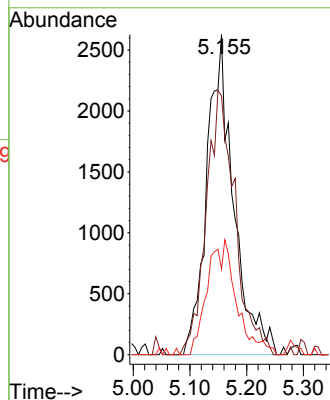
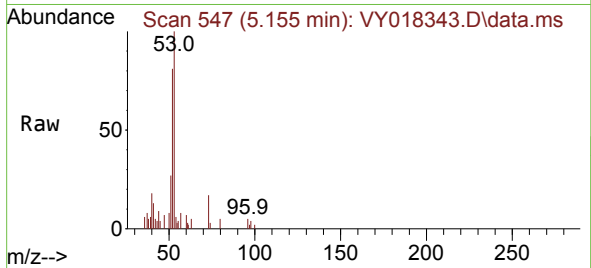




#15
Acrylonitrile
Concen: 26.159 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

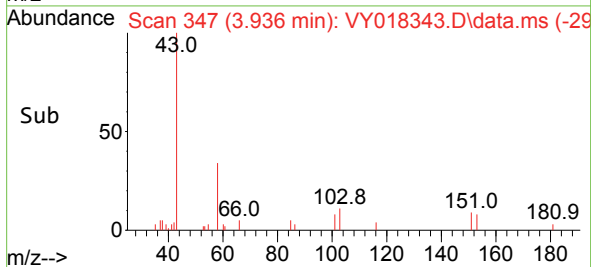
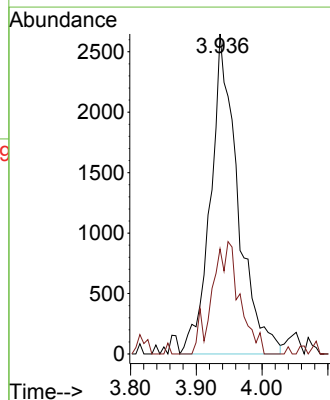
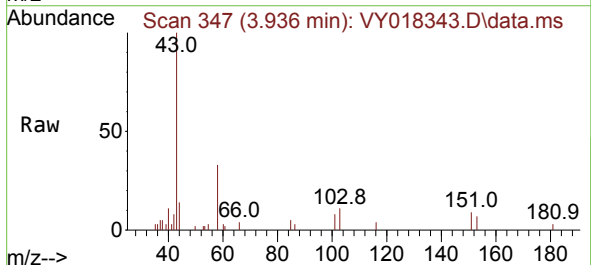
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

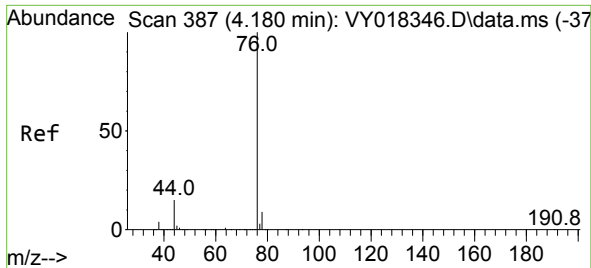
Tgt Ion	53	52	51
Resp:	8573		
Ratio	100	89.1	20.3
Lower		64.7	28.4
Upper		97.1	42.6



#16
Acetone
Concen: 28.734 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion	43	58
Resp:	7630	
Ratio	100	32.9
Lower		31.7
Upper		47.5

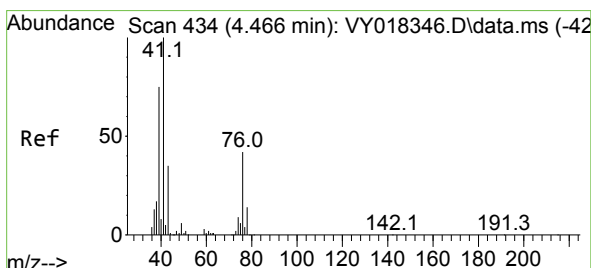
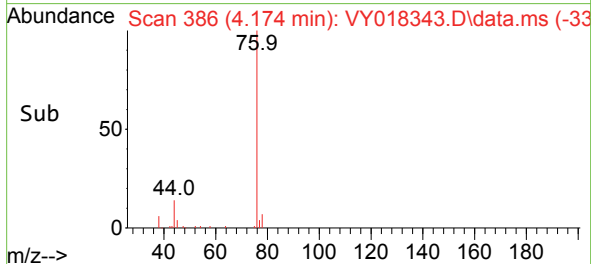
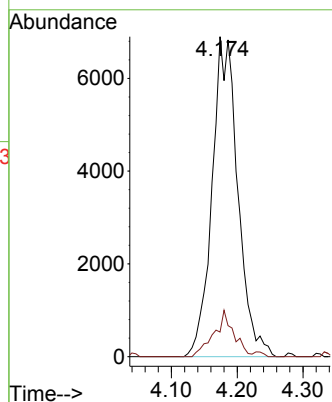
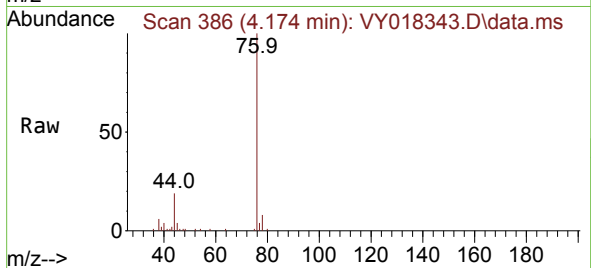




#17
Carbon Disulfide
Concen: 4.675 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

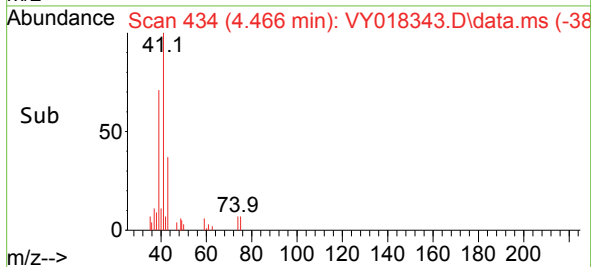
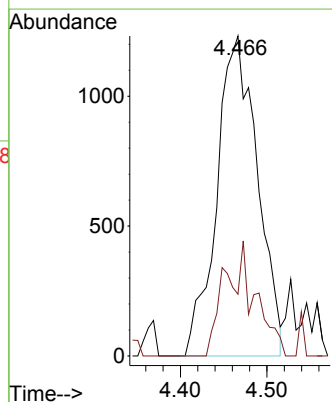
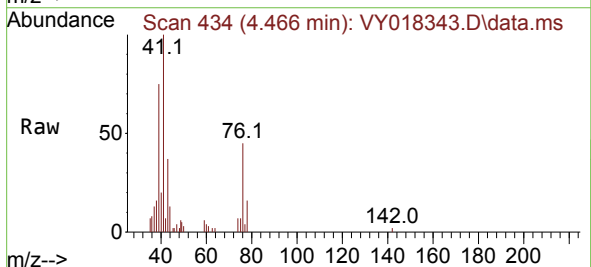
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

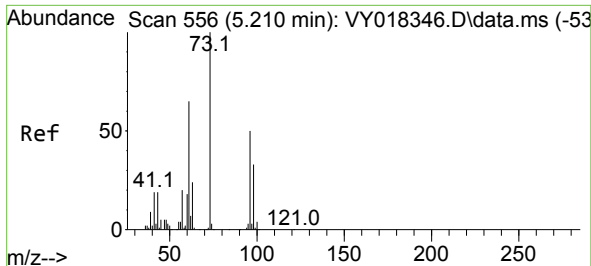
Tgt Ion: 76 Resp: 18825
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2



#18
Methyl Acetate
Concen: 5.719 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 43 Resp: 4025
Ion Ratio Lower Upper
43 100
74 12.9 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 5.406 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

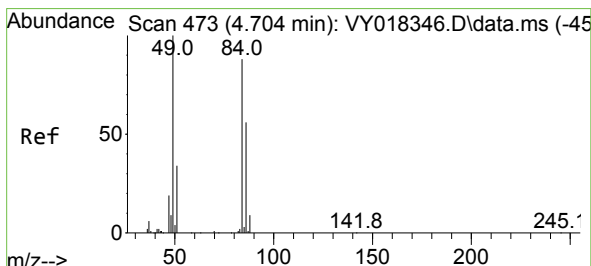
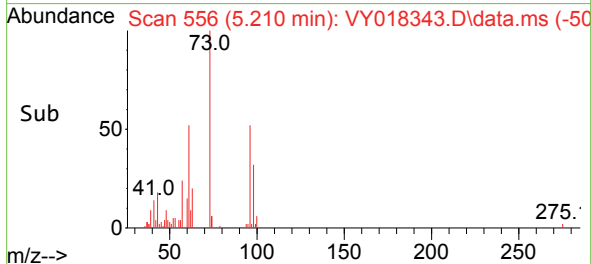
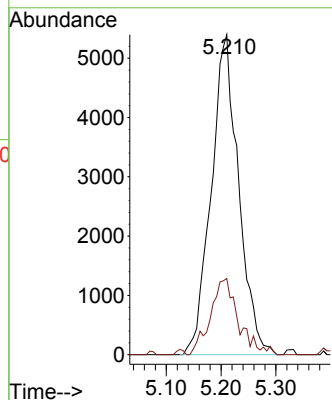
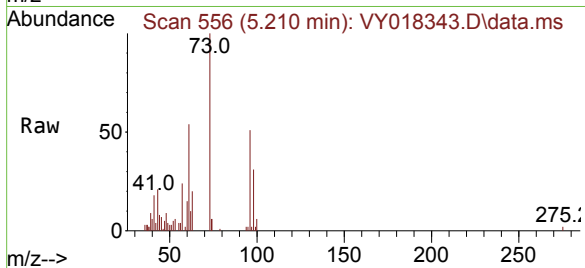
VSTDICC005

Tgt Ion: 73 Resp: 18691

Ion Ratio Lower Upper

73 100

57 23.8 17.3 25.9



#20

Methylene Chloride

Concen: 3.520 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.012 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Tgt Ion: 84 Resp: 12262

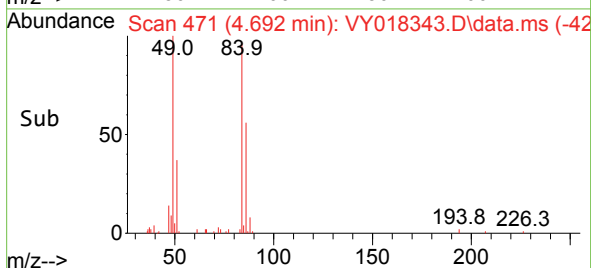
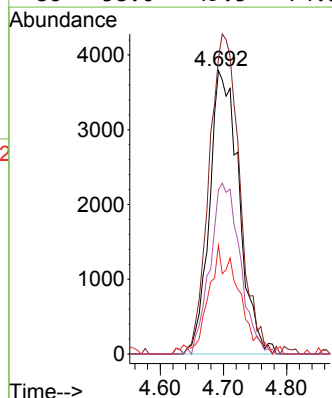
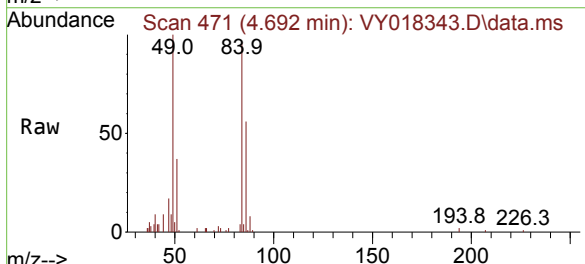
Ion Ratio Lower Upper

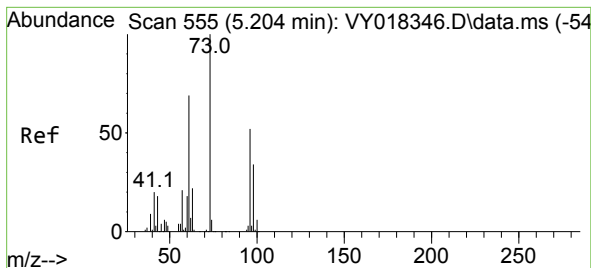
84 100

49 104.3 84.4 126.6

51 36.9 26.0 39.0

86 58.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 5.235 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

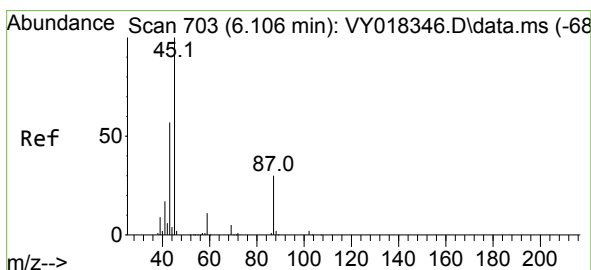
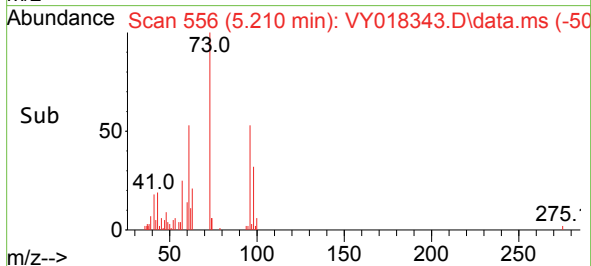
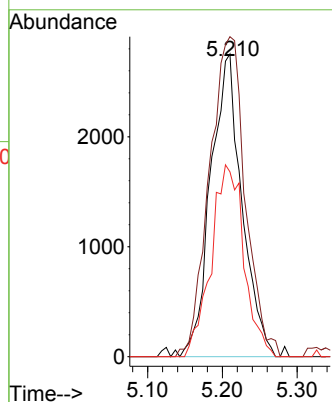
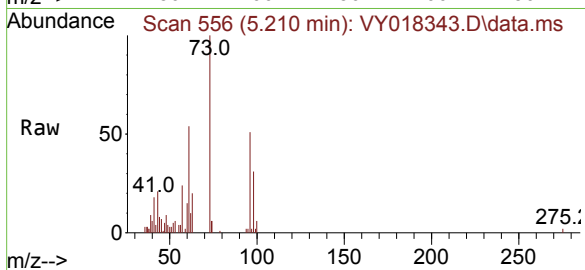
Tgt Ion: 96 Resp: 7962

Ion Ratio Lower Upper

96 100

61 105.7 97.5 146.3

98 61.1 50.5 75.7



#22

Diisopropyl ether

Concen: 5.513 ug/l

RT: 6.100 min Scan# 702

Delta R.T. -0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Tgt Ion: 45 Resp: 23072

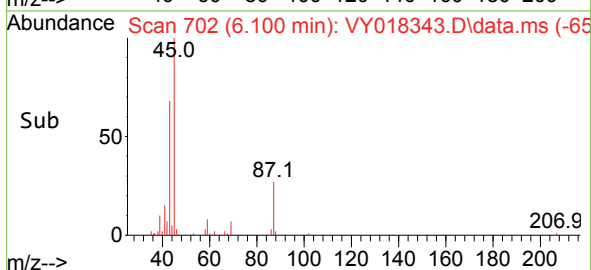
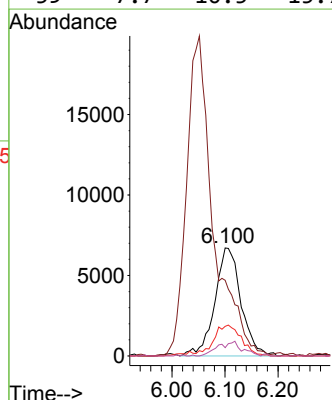
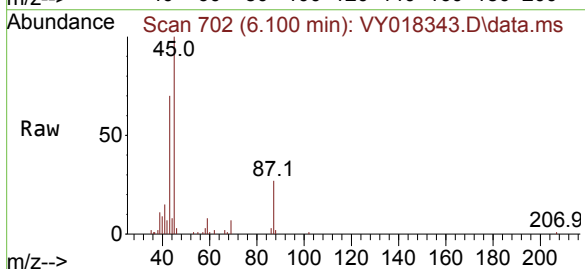
Ion Ratio Lower Upper

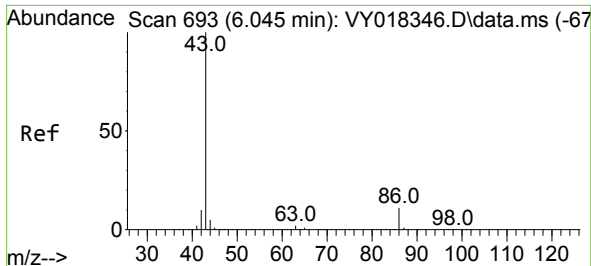
45 100

43 67.0 42.2 63.2#

87 27.5 25.0 37.6

59 7.7 10.5 15.7#

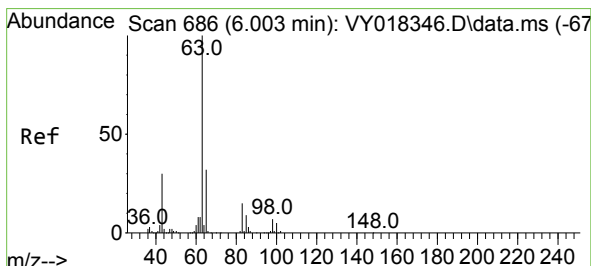
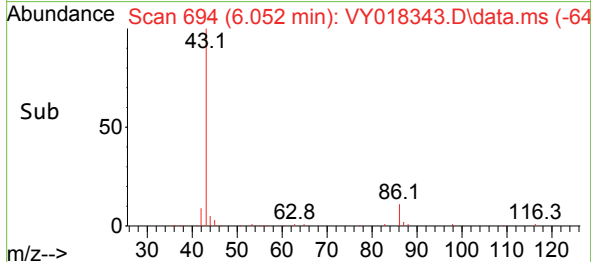
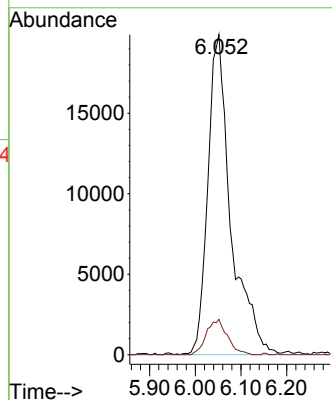
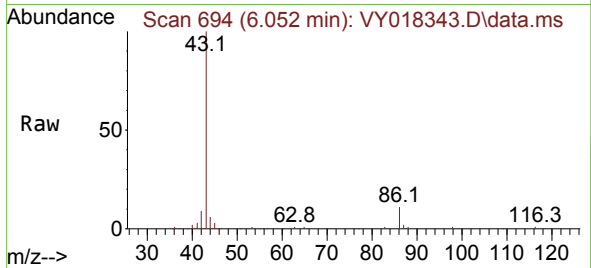




#23
 Vinyl Acetate
 Concen: 25.997 ug/l
 RT: 6.052 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY018343.D
 Acq: 22 May 2024 12:43

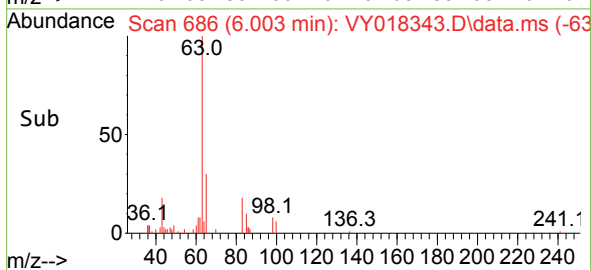
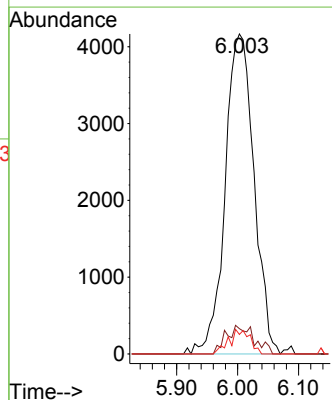
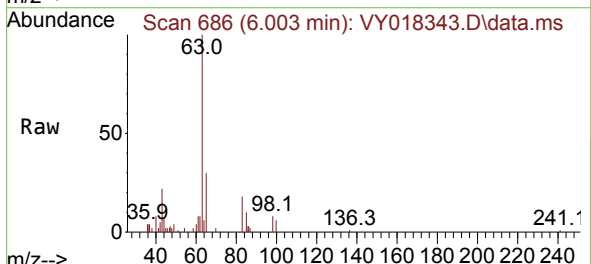
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

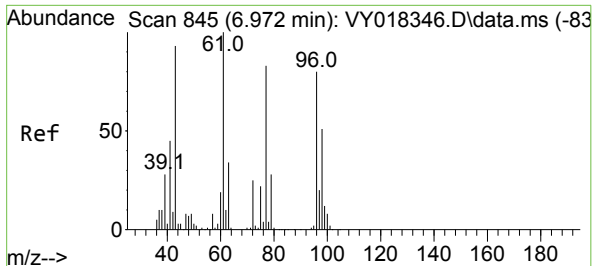
Tgt Ion: 43 Resp: 69659
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 5.338 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018343.D
 Acq: 22 May 2024 12:43

Tgt Ion: 63 Resp: 13700
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 6.1 2.6 8.0





#25

2-Butanone

Concen: 27.429 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

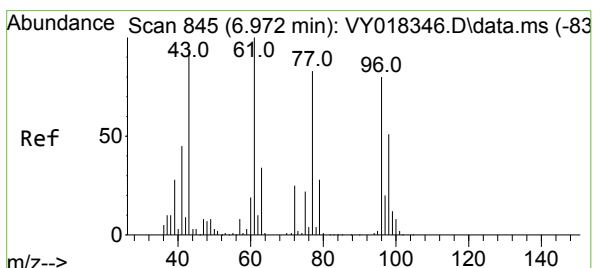
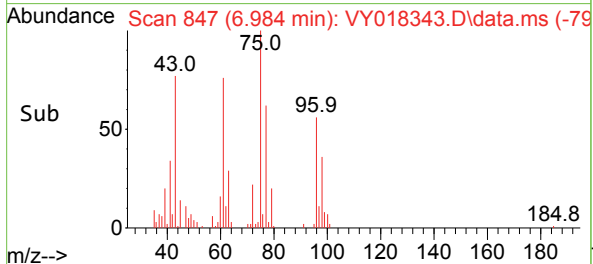
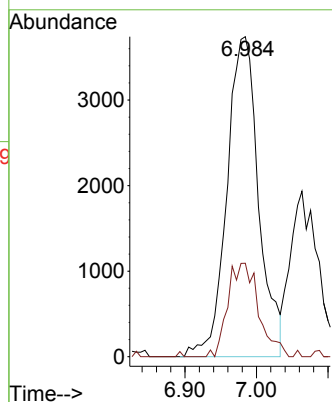
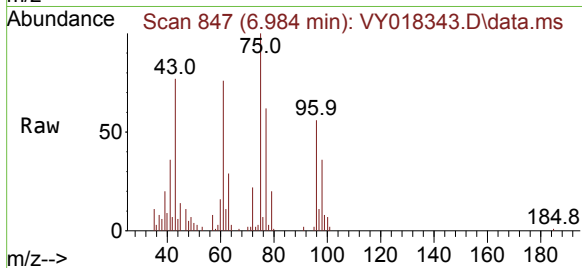
VSTDICC005

Tgt Ion: 43 Resp: 11542

Ion Ratio Lower Upper

43 100

72 27.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 5.313 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018343.D

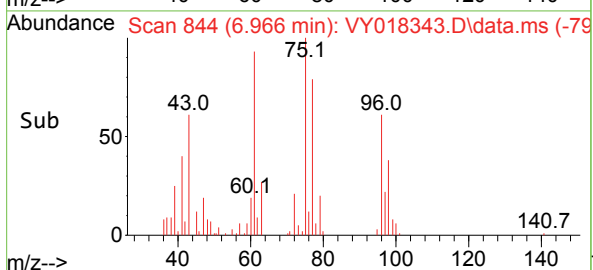
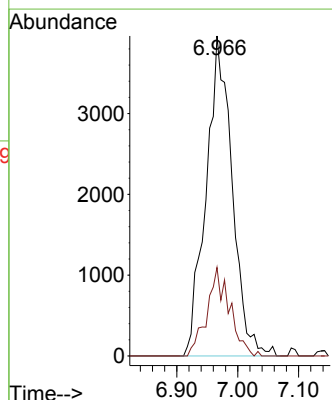
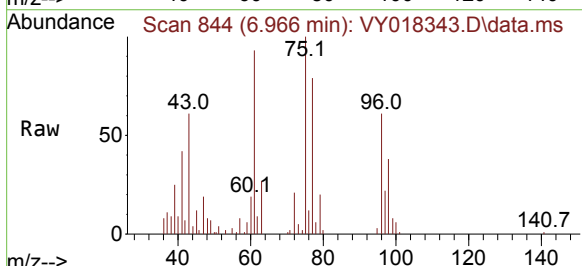
Acq: 22 May 2024 12:43

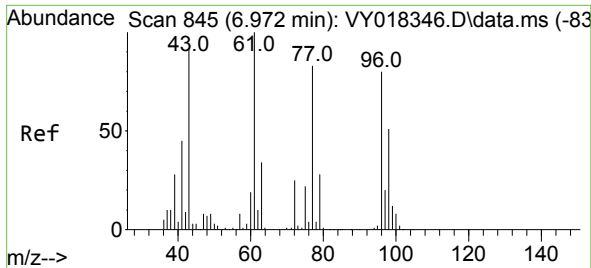
Tgt Ion: 77 Resp: 11786

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1

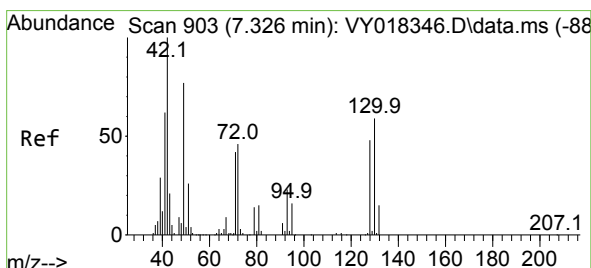
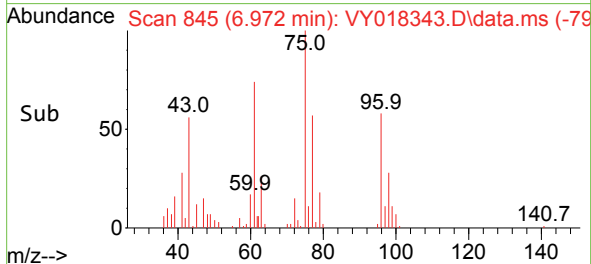
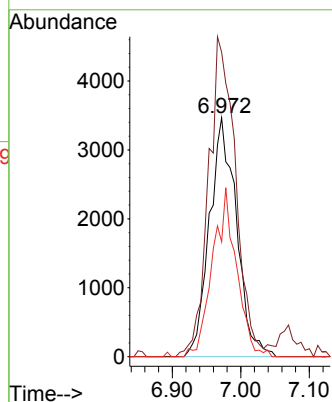
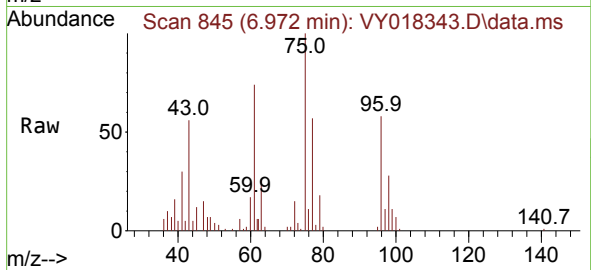




#27
 cis-1,2-Dichloroethene
 Concen: 5.299 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY018343.D
 Acq: 22 May 2024 12:43

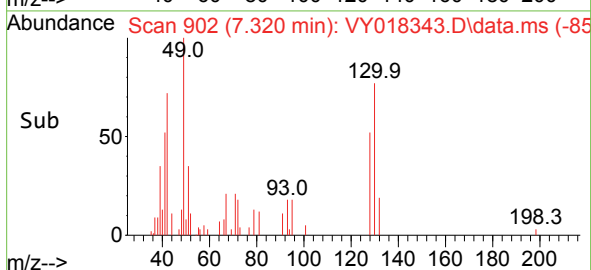
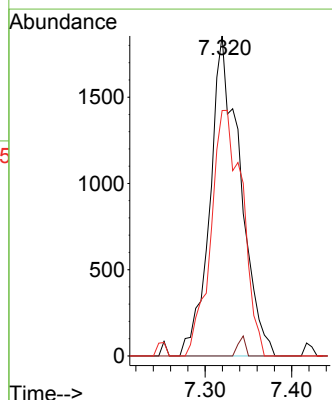
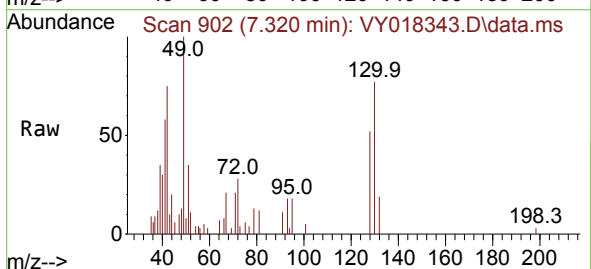
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

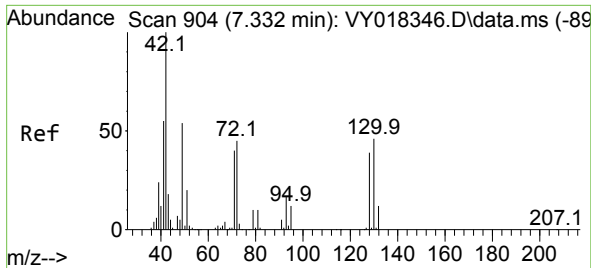
Tgt Ion: 96	Resp: 9471
Ion Ratio	Lower Upper
96 100	
61 133.8	0.0 256.2
98 62.7	0.0 130.0



#28
 Bromochloromethane
 Concen: 5.142 ug/l
 RT: 7.320 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: VY018343.D
 Acq: 22 May 2024 12:43

Tgt Ion: 49	Resp: 4482
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.6
130 80.5	72.7 109.1

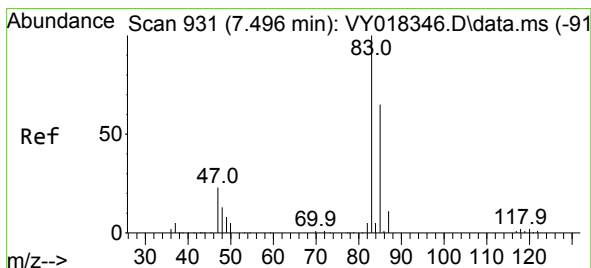
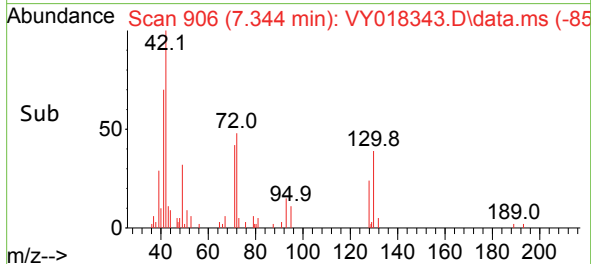
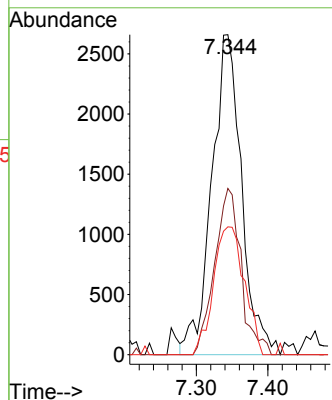
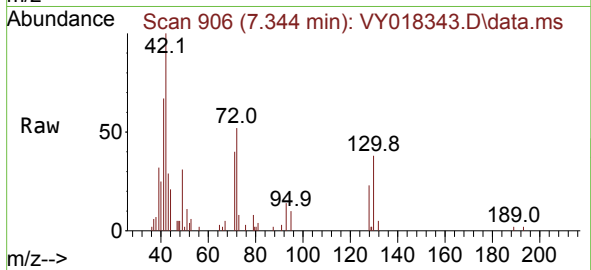




#29
Tetrahydrofuran
Concen: 27.776 ug/l
RT: 7.344 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

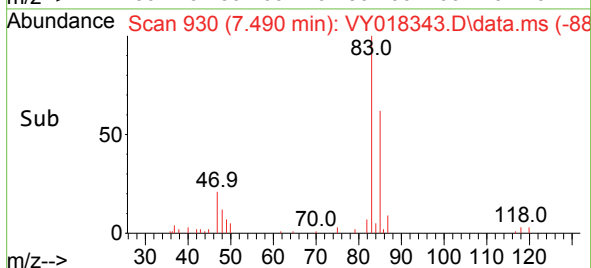
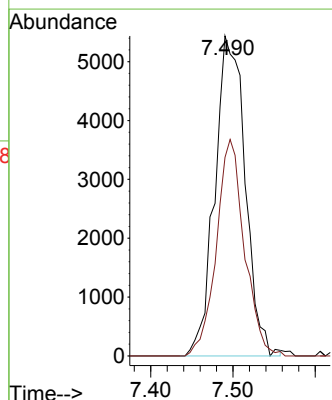
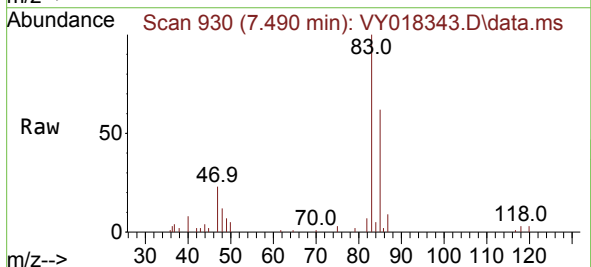
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

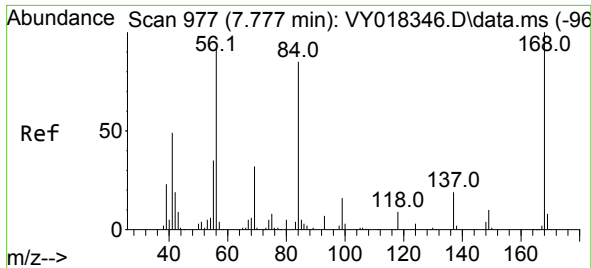
Tgt Ion: 42 Resp: 7693
Ion Ratio Lower Upper
42 100
72 46.2 43.0 64.4
71 41.4 40.8 61.2



#30
Chloroform
Concen: 5.339 ug/l
RT: 7.490 min Scan# 930
Delta R.T. -0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 83 Resp: 13967
Ion Ratio Lower Upper
83 100
85 62.0 52.2 78.4

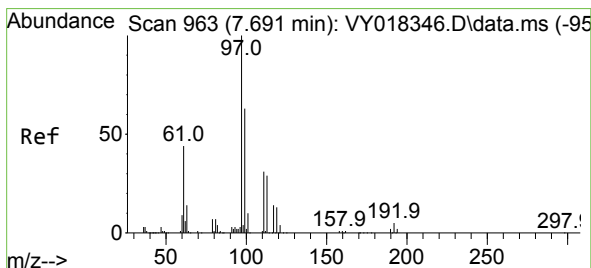
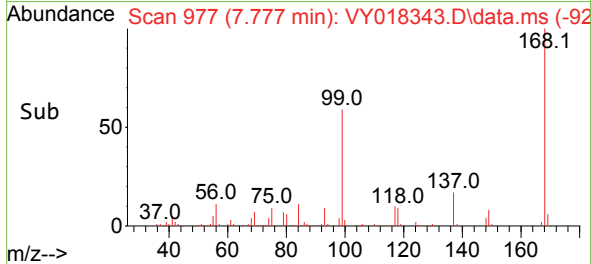
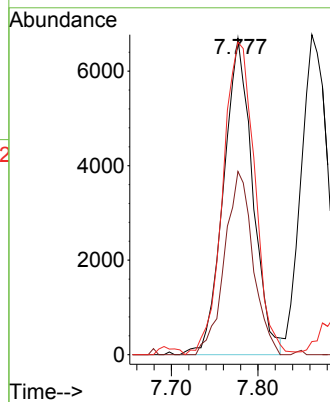
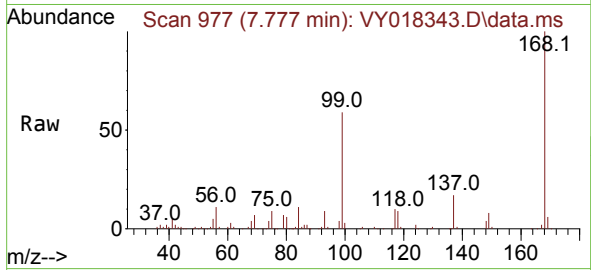




#31
Cyclohexane
Concen: 4.606 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

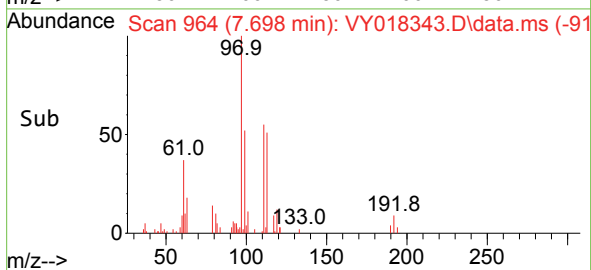
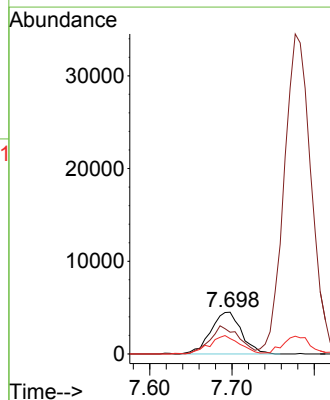
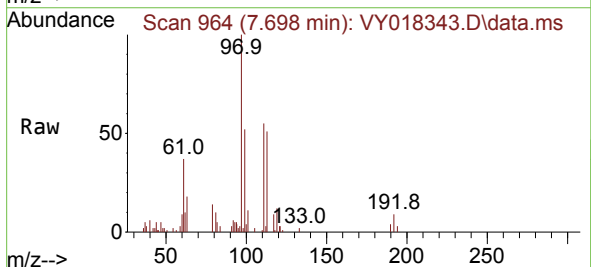
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

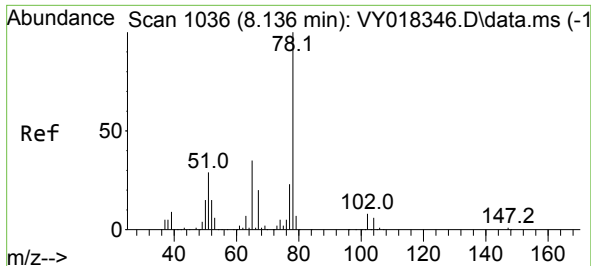
Tgt Ion: 56 Resp: 15646
Ion Ratio Lower Upper
56 100
69 57.9 28.7 43.1#
84 97.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 5.095 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 97 Resp: 11697
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 43.3 32.6 48.8

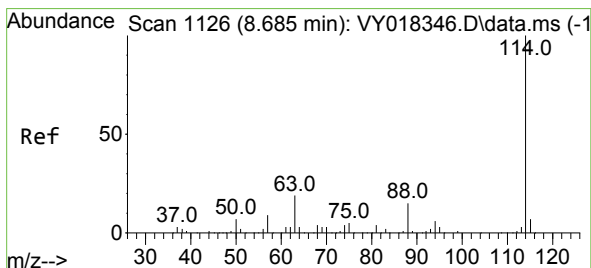
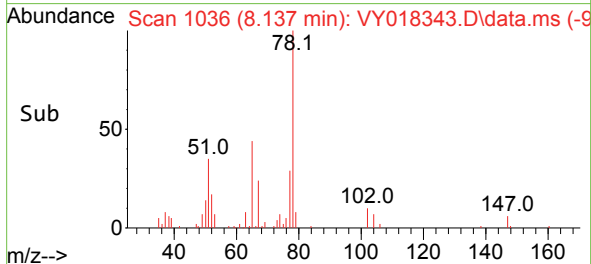
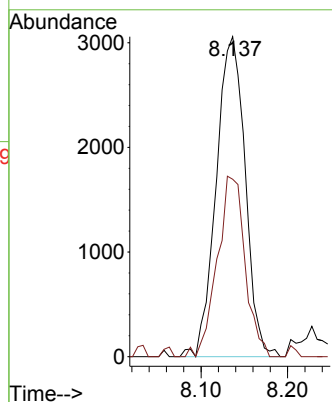
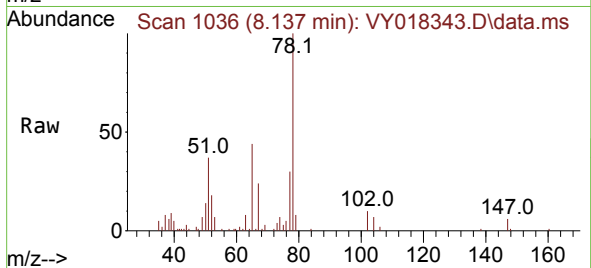




#33
1,2-Dichloroethane-d4
Concen: 5.498 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

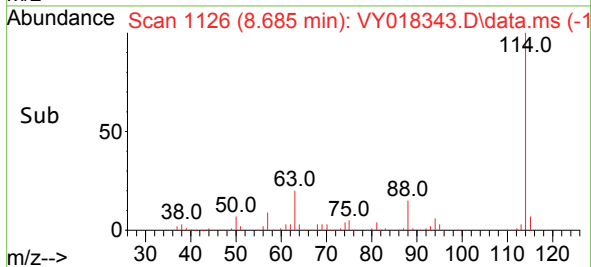
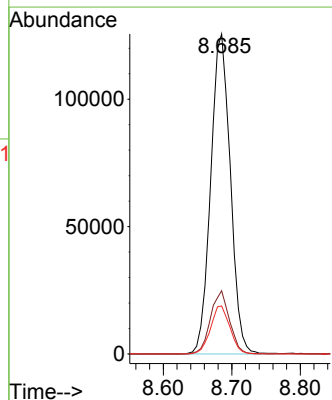
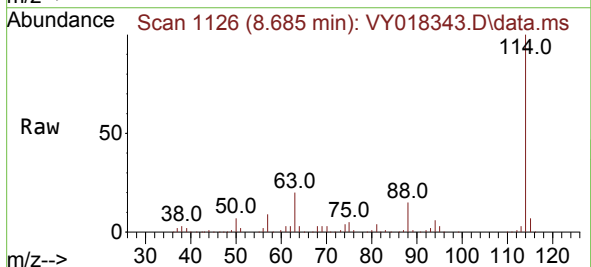
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

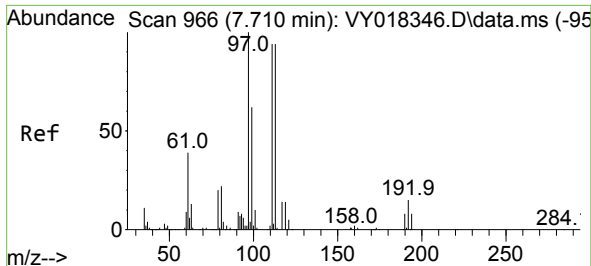
Tgt Ion: 65 Resp: 7098
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 114 Resp: 249643
Ion Ratio Lower Upper
114 100
63 19.8 0.0 35.0
88 15.0 0.0 27.2

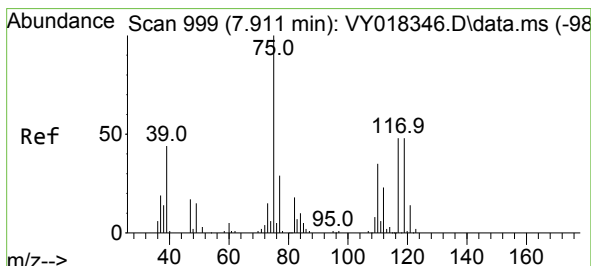
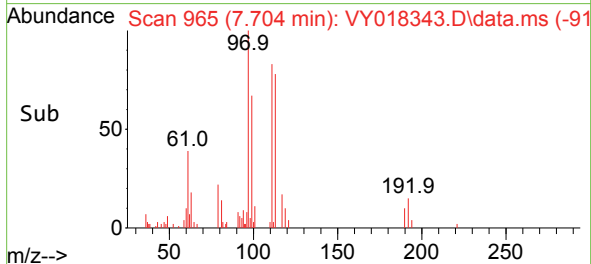
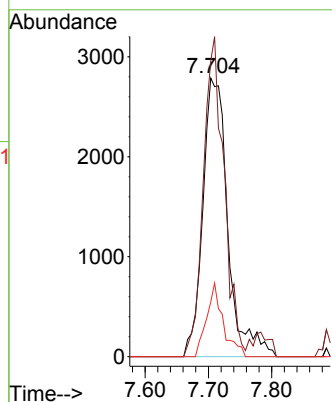
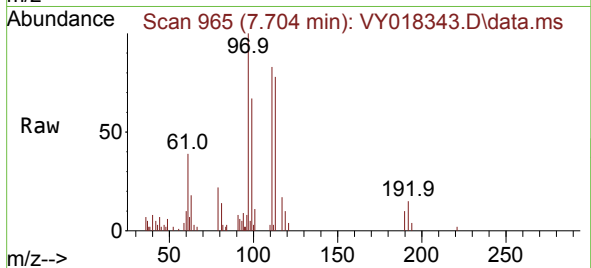




#35
Dibromofluoromethane
Concen: 5.278 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

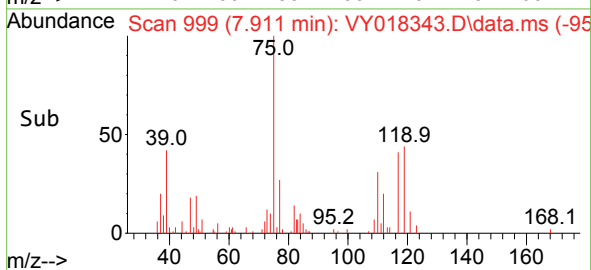
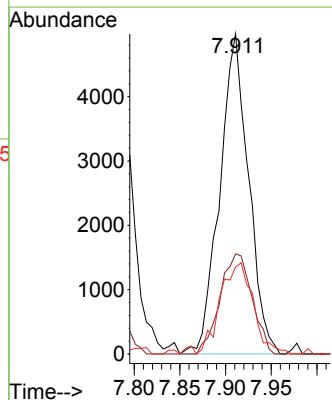
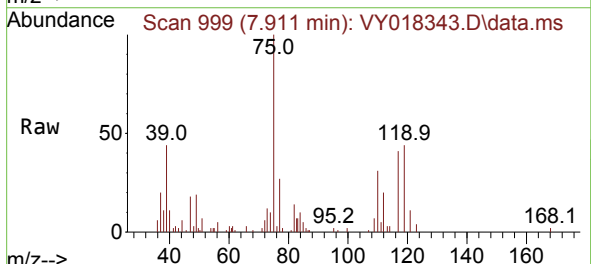
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

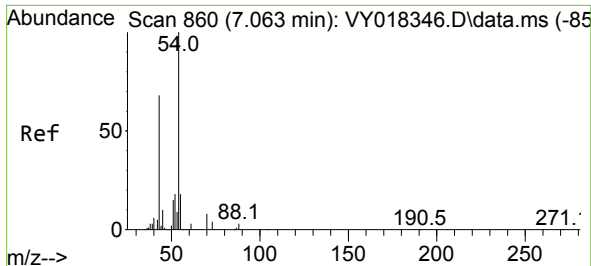
Tgt Ion:113 Resp: 7684
Ion Ratio Lower Upper
113 100
111 95.1 82.2 123.4
192 17.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.166 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 75 Resp: 10906
Ion Ratio Lower Upper
75 100
110 34.8 19.0 57.0
77 33.6 25.3 37.9





#37

Ethyl Acetate

Concen: 4.692 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

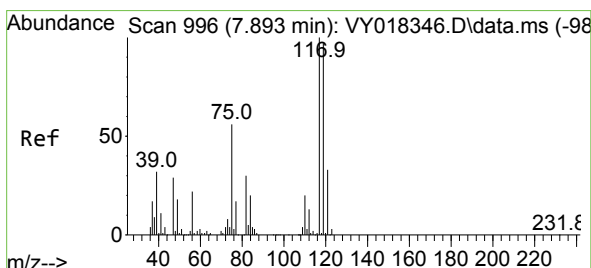
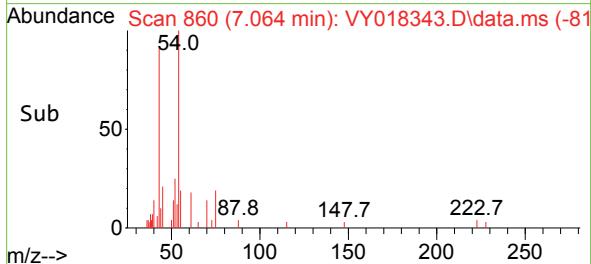
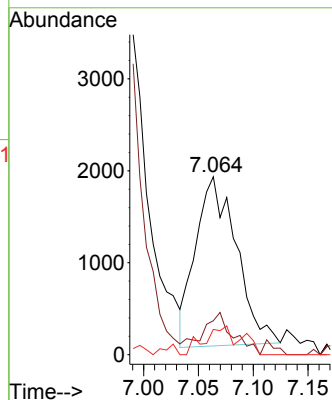
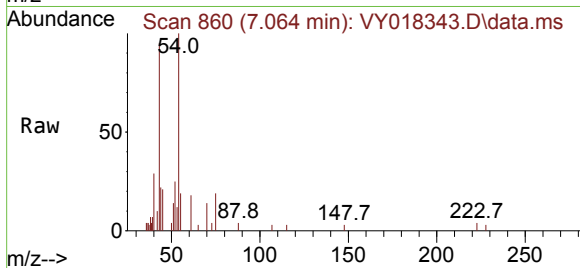
Tgt Ion: 43 Resp: 4739

Ion Ratio Lower Upper

43 100

61 16.7 12.6 19.0

70 12.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 4.884 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

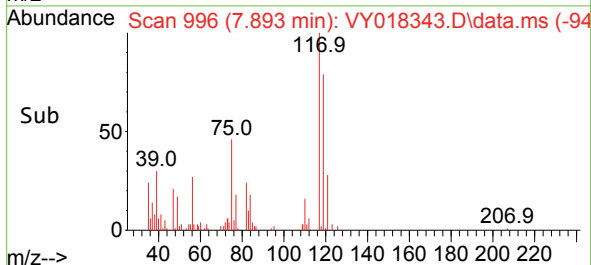
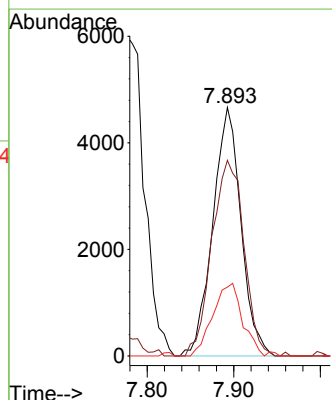
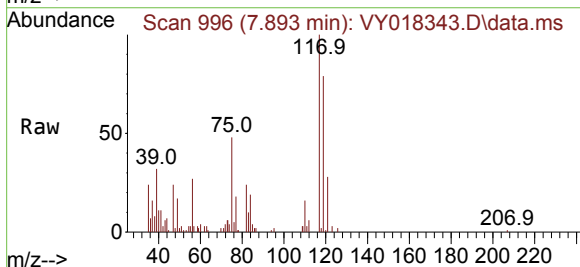
Tgt Ion: 117 Resp: 10561

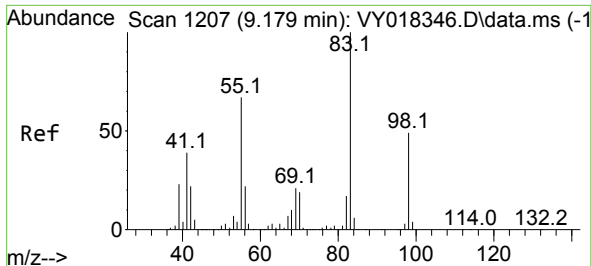
Ion Ratio Lower Upper

117 100

119 78.8 75.8 113.6

121 27.7 24.0 36.0





#39

Methylcyclohexane

Concen: 5.237 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

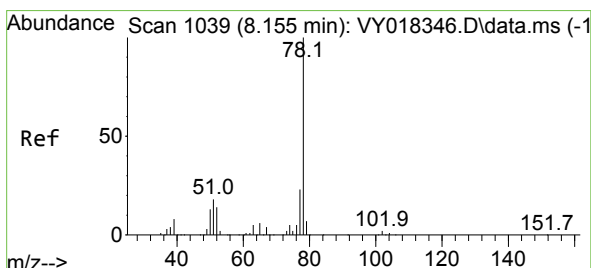
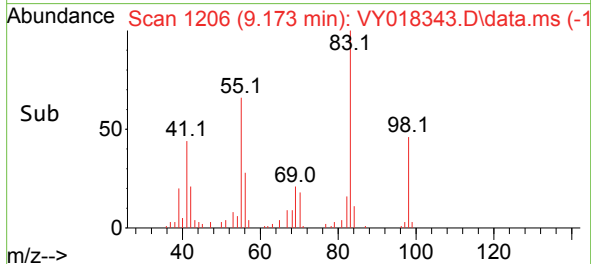
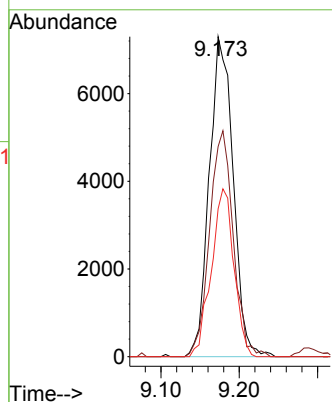
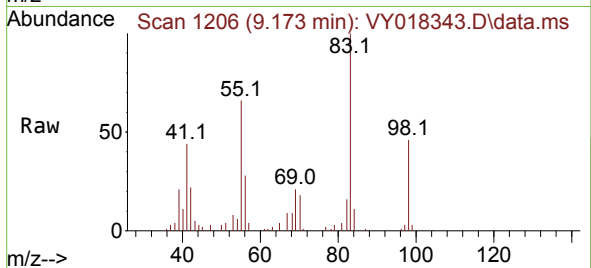
Tgt Ion: 83 Resp: 15423

Ion Ratio Lower Upper

83 100

55 65.7 51.5 77.3

98 46.2 40.5 60.7



#40

Benzene

Concen: 4.920 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY018343.D

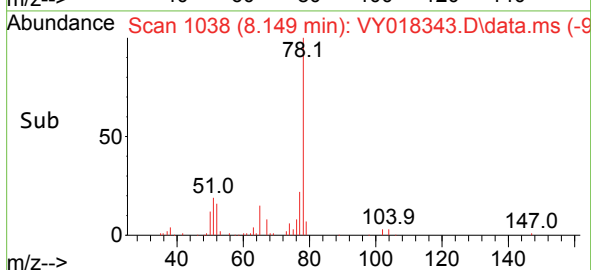
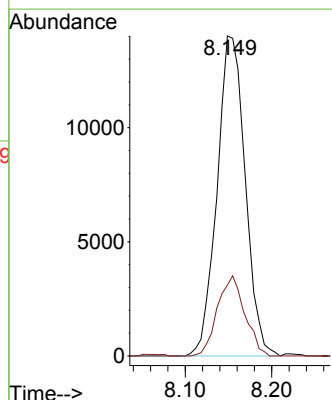
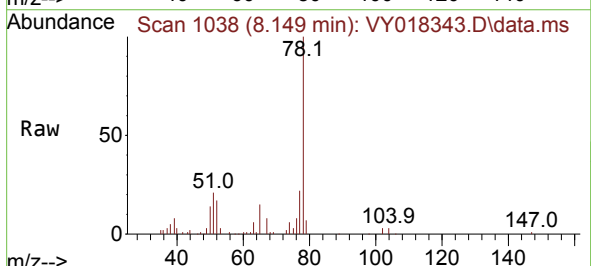
Acq: 22 May 2024 12:43

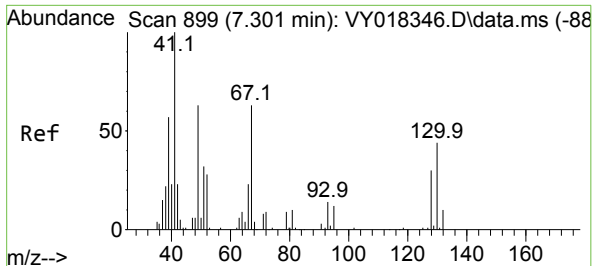
Tgt Ion: 78 Resp: 31665

Ion Ratio Lower Upper

78 100

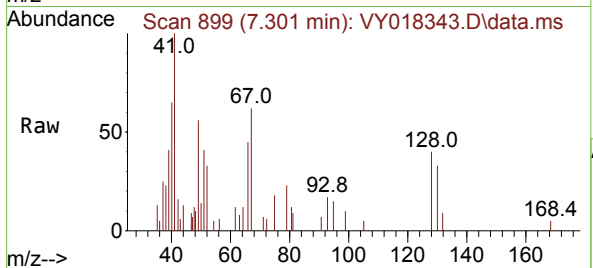
77 22.2 19.5 29.3



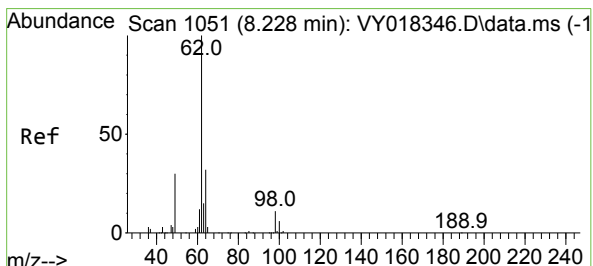
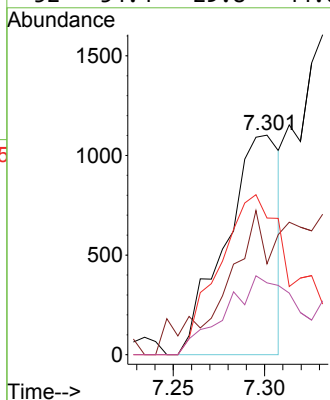
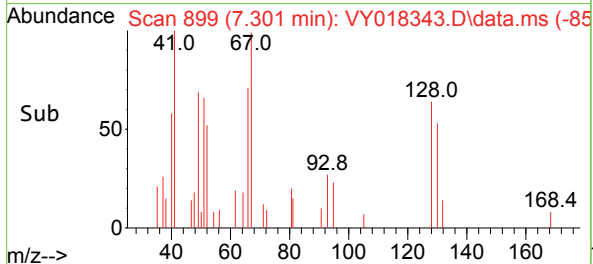


#41
Methacrylonitrile
Concen: 4.065 ug/l
RT: 7.301 min Scan# 899
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

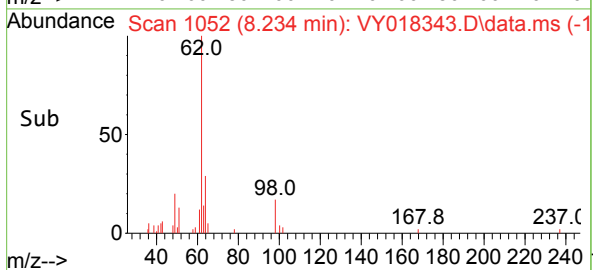
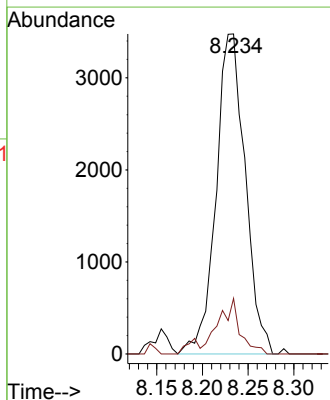
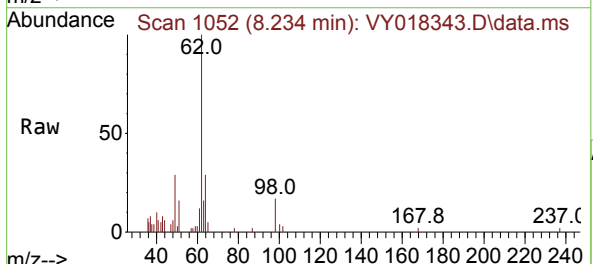


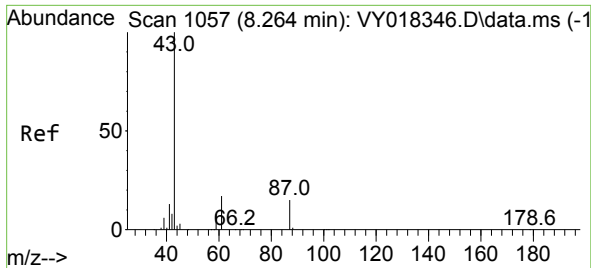
Tgt Ion:	41	Resp:	2270
Ion	Ratio	Lower	Upper
41	100		
39	51.5	48.0	72.0
67	107.2	75.1	112.7
52	54.4	29.8	44.6



#42
1,2-Dichloroethane
Concen: 4.986 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion:	62	Resp:	7719
Ion	Ratio	Lower	Upper
62	100		
98	12.8	0.0	22.0

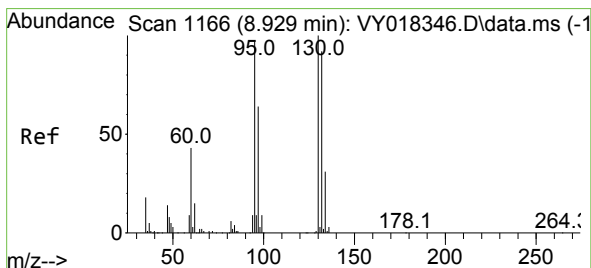
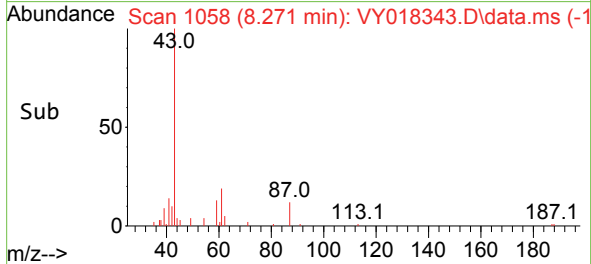
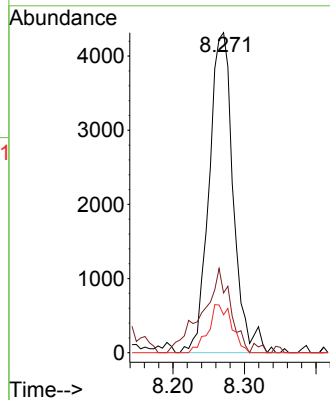
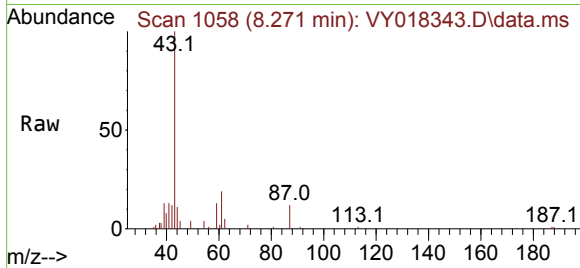




#43
Isopropyl Acetate
Concen: 5.145 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

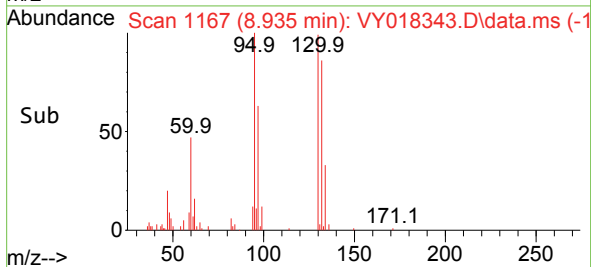
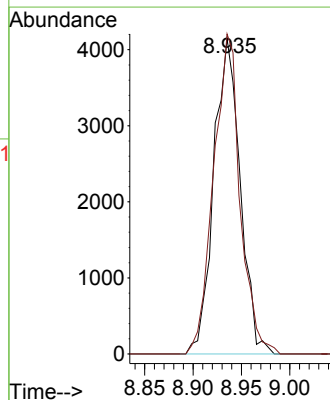
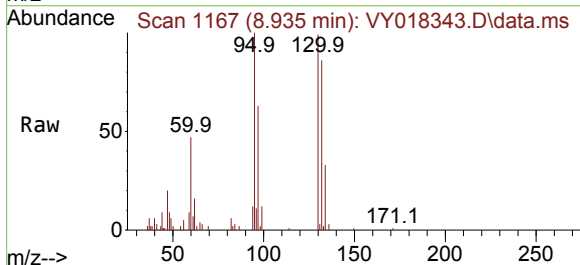
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

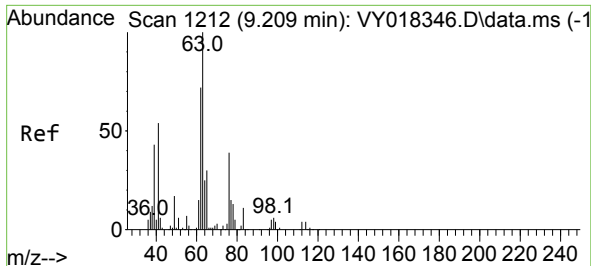
Tgt Ion: 43 Resp: 10138
Ion Ratio Lower Upper
43 100
61 30.8 27.9 41.9
87 14.6 13.1 19.7



#44
Trichloroethene
Concen: 4.786 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 130 Resp: 7896
Ion Ratio Lower Upper
130 100
95 101.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 5.107 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

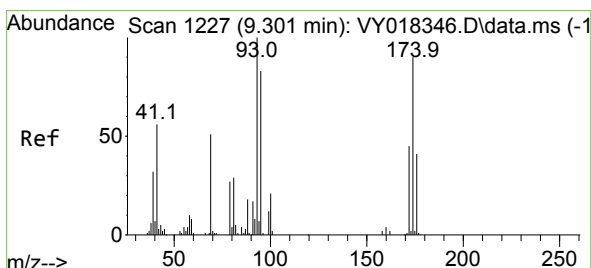
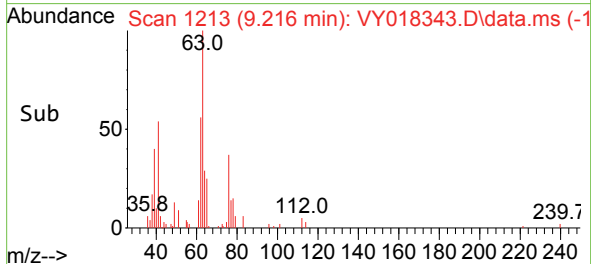
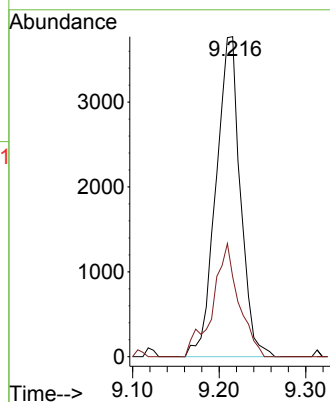
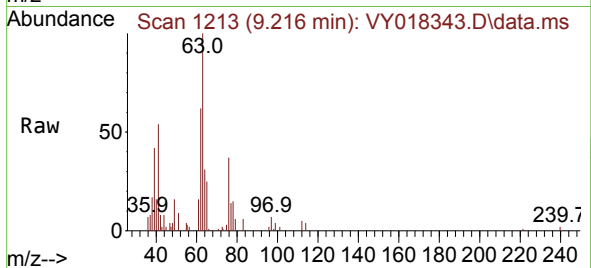
VSTDICC005

Tgt Ion: 63 Resp: 7392

Ion Ratio Lower Upper

63 100

65 25.0 25.4 38.2#



#46

Dibromomethane

Concen: 5.203 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

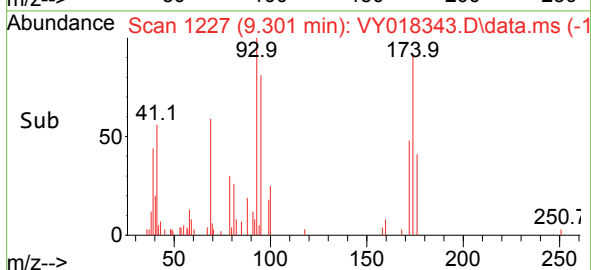
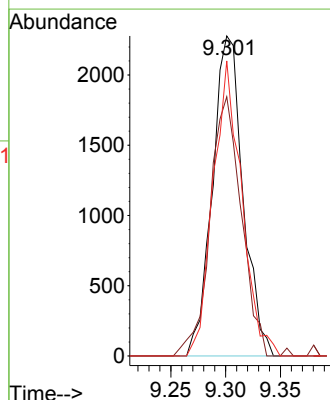
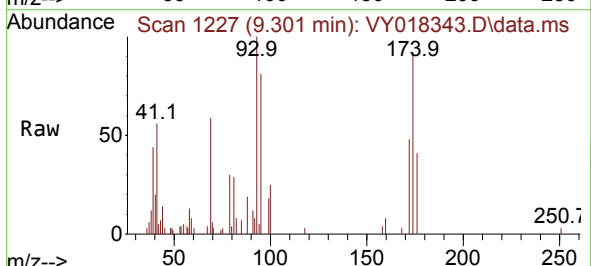
Tgt Ion: 93 Resp: 4419

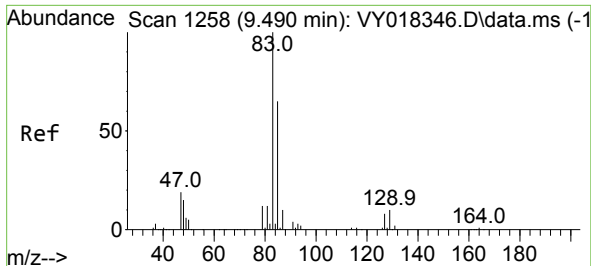
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 86.6 80.9 121.3

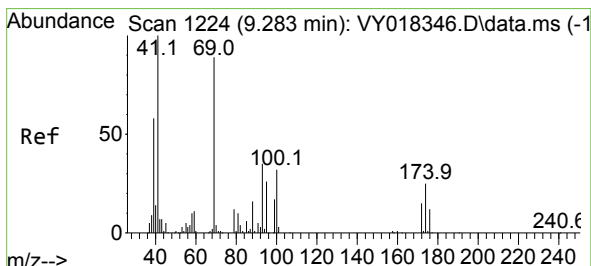
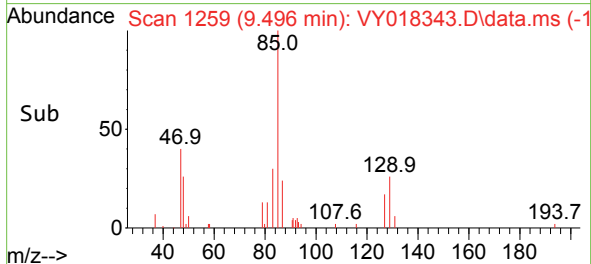
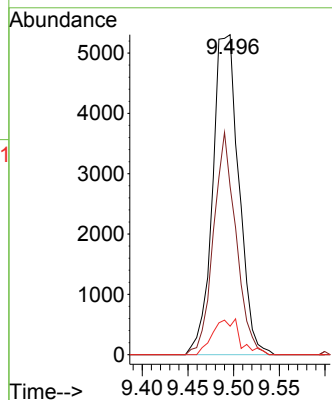
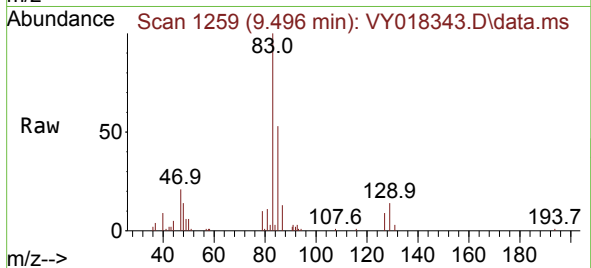




#47
Bromodichloromethane
Concen: 5.146 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

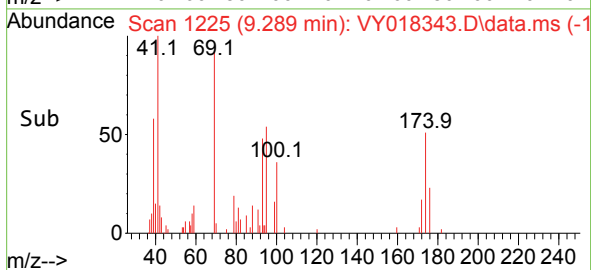
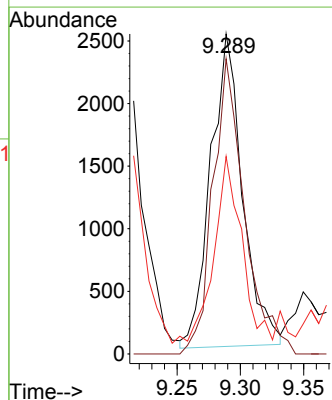
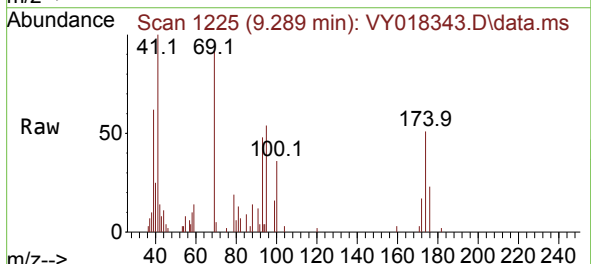
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

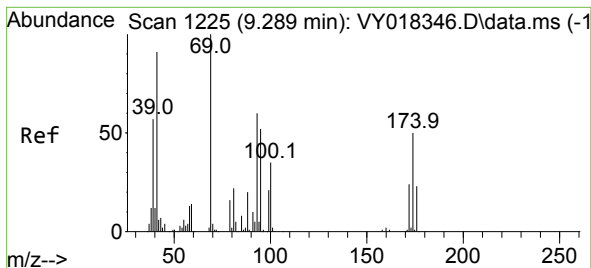
Tgt Ion: 83	Resp:	10607	
Ion Ratio	Lower	Upper	
83	100		
85	52.6	50.1	75.1
127	8.9	7.4	11.0



#48
Methyl methacrylate
Concen: 4.906 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 41	Resp:	4373	
Ion	Ratio	Lower	Upper
41	100		
69	94.1	84.1	126.1
39	51.3	43.6	65.4





#49

1,4-Dioxane

Concen: 98.908 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

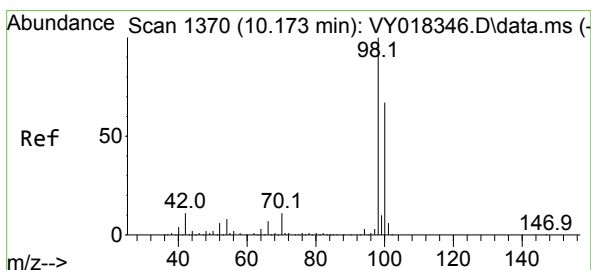
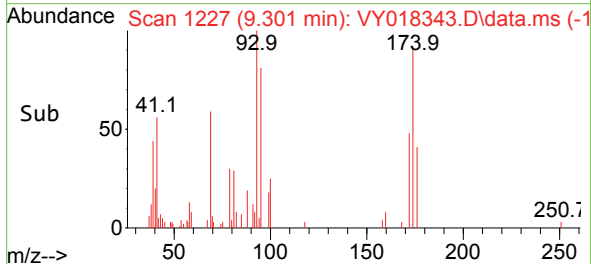
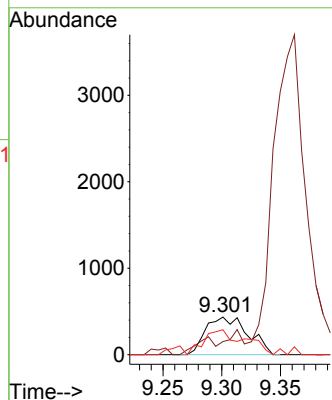
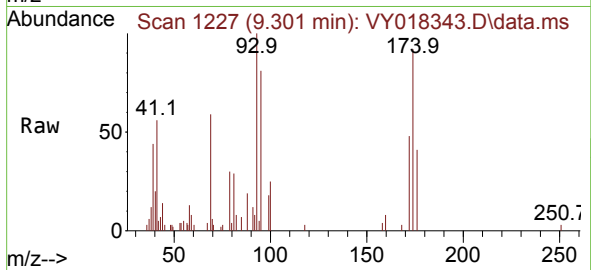
Tgt Ion: 88 Resp: 1090

Ion Ratio Lower Upper

88 100

43 20.8 0.0 0.0#

58 44.5 49.3 73.9#



#50

Toluene-d8

Concen: 5.126 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018343.D

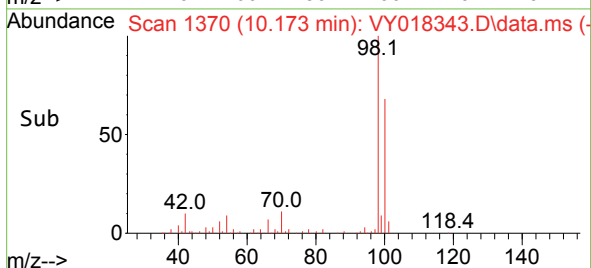
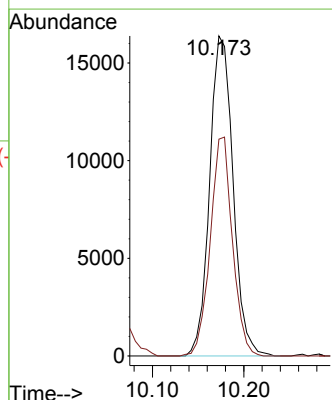
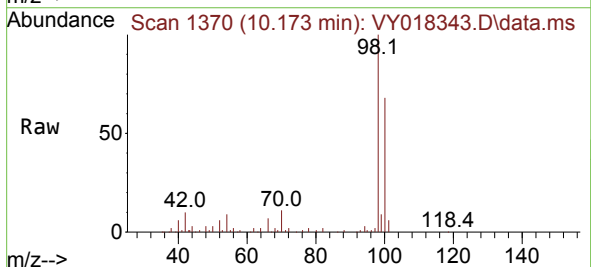
Acq: 22 May 2024 12:43

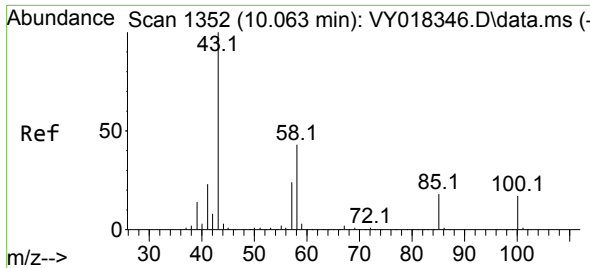
Tgt Ion: 98 Resp: 29093

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

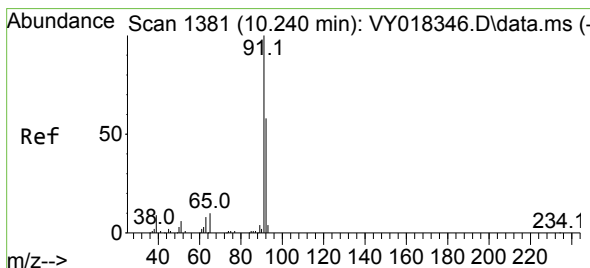
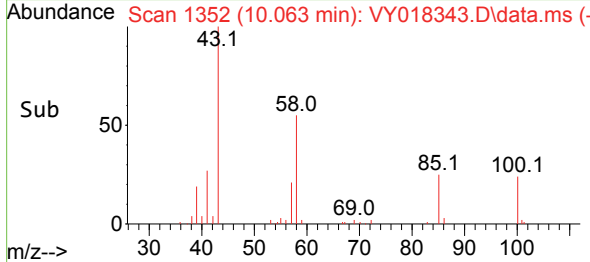
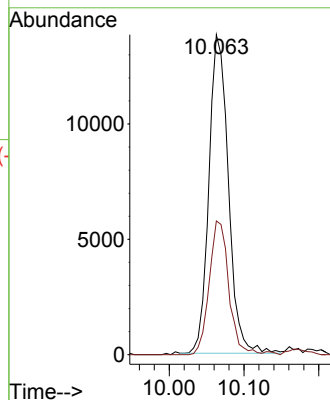
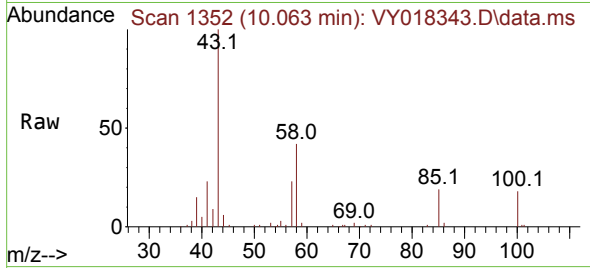




#51
4-Methyl-2-Pentanone
Concen: 25.146 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

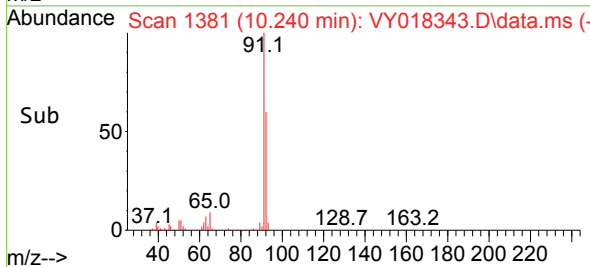
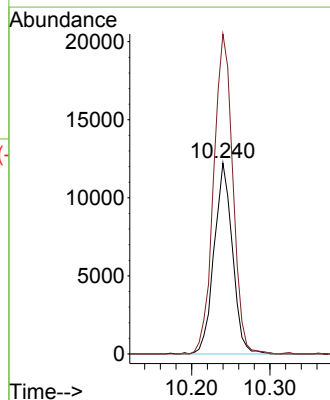
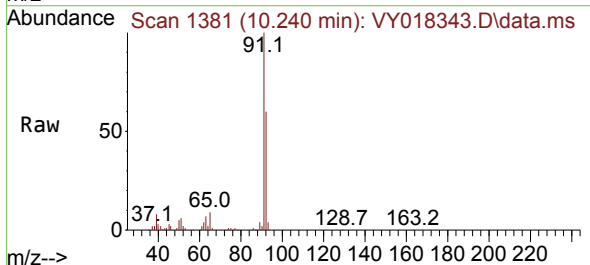
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

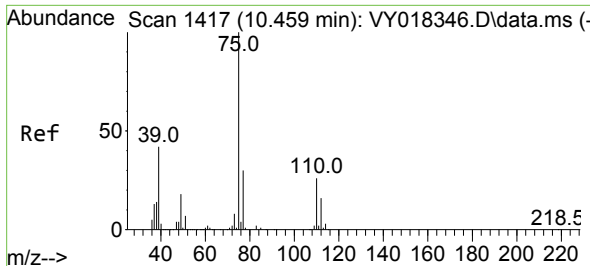
Tgt Ion: 43 Resp: 25008
Ion Ratio Lower Upper
43 100
58 42.1 35.7 53.5



#52
Toluene
Concen: 4.936 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 92 Resp: 19915
Ion Ratio Lower Upper
92 100
91 175.3 139.0 208.6

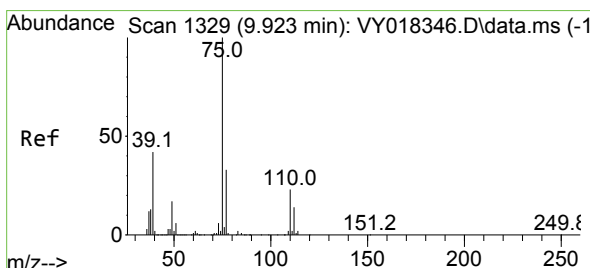
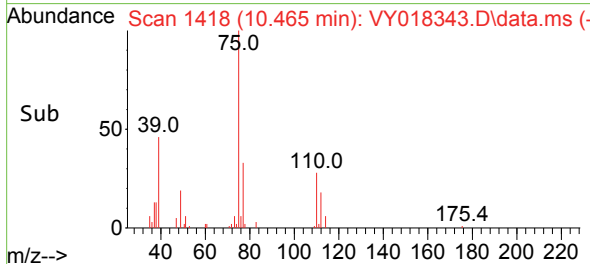
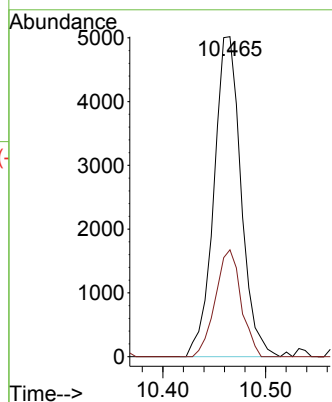
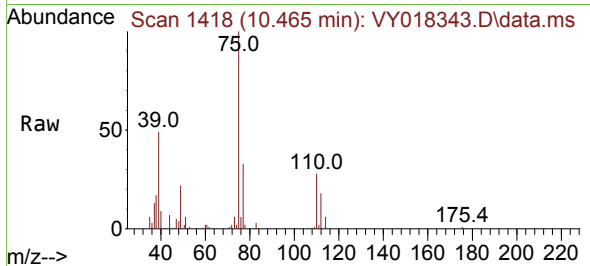




#53
 t-1,3-Dichloropropene
 Concen: 4.884 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY018343.D
 Acq: 22 May 2024 12:43

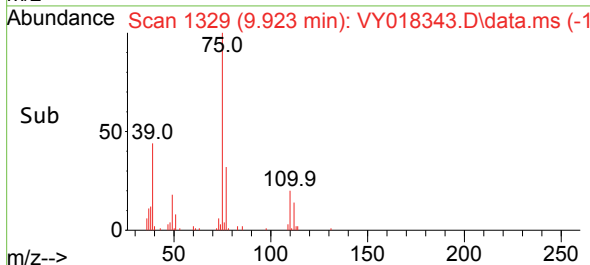
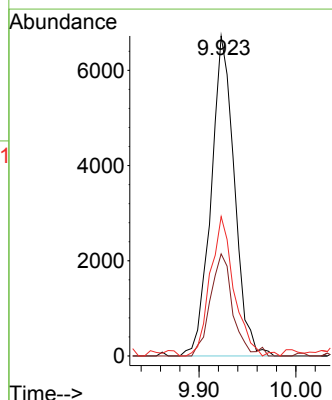
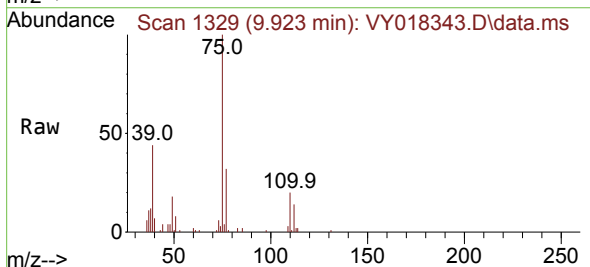
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

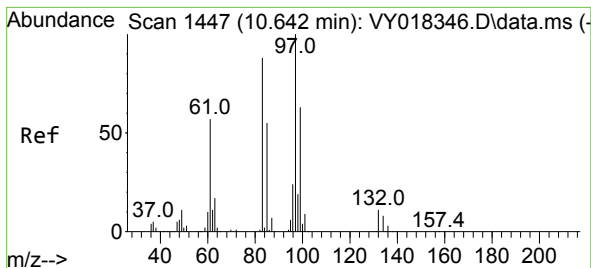
Tgt Ion: 75 Resp: 9205
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 4.892 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018343.D
 Acq: 22 May 2024 12:43

Tgt Ion: 75 Resp: 11296
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 43.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 5.013 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 5641

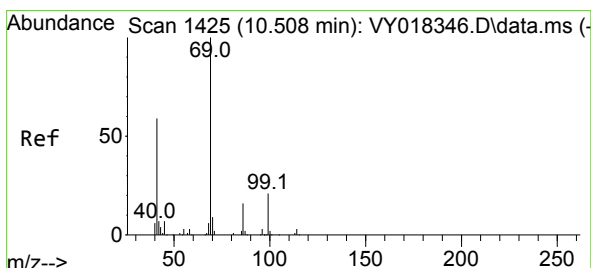
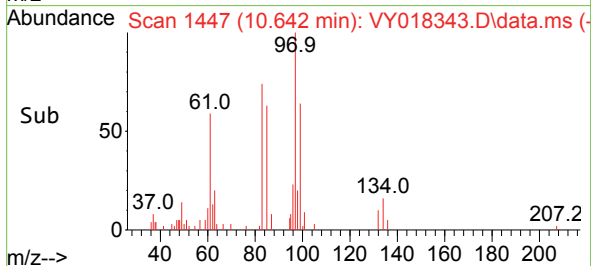
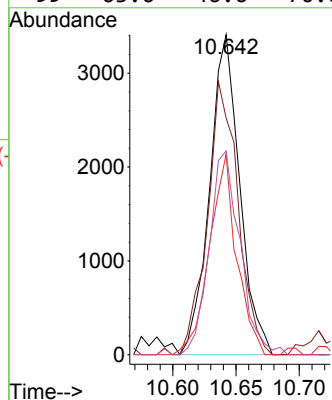
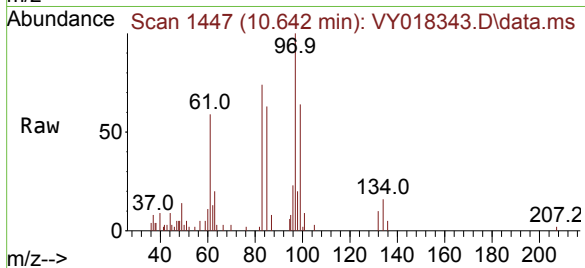
Ion Ratio Lower Upper

97 100

83 74.0 67.5 101.3

85 62.7 42.9 64.3

99 63.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 4.729 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

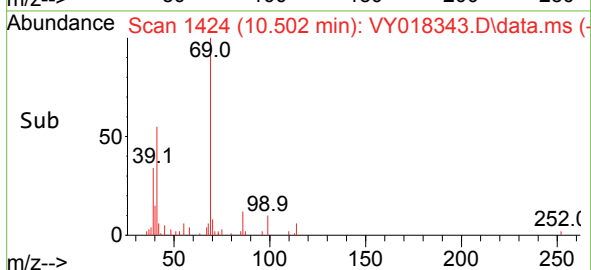
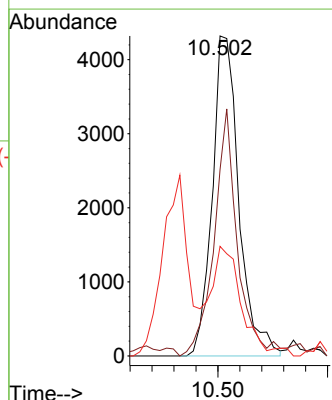
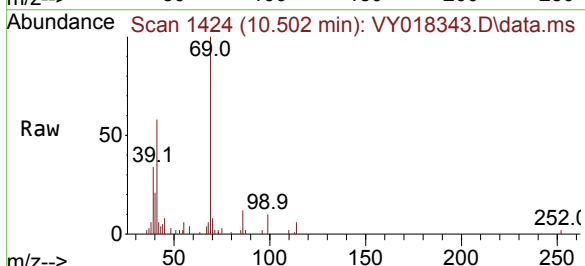
Tgt Ion: 69 Resp: 7299

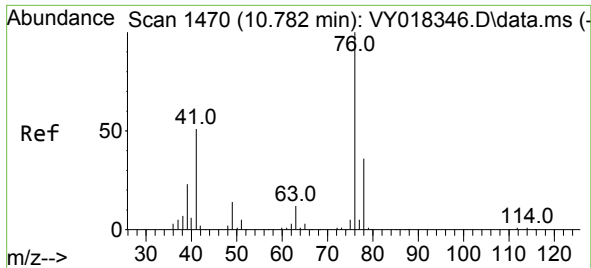
Ion Ratio Lower Upper

69 100

41 67.9 42.3 63.5#

39 39.6 22.9 34.3#

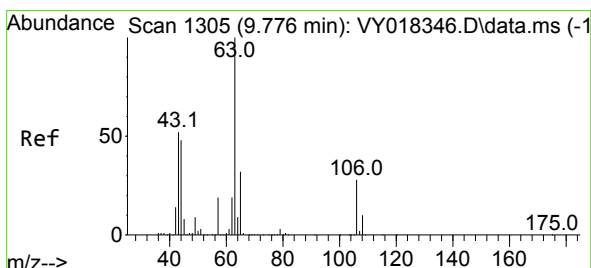
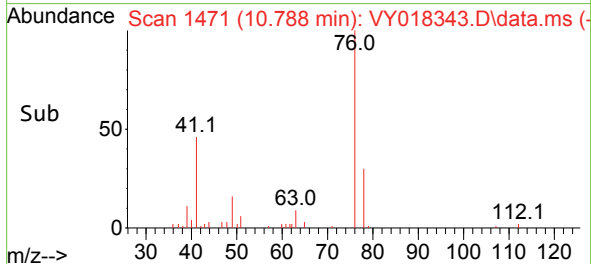
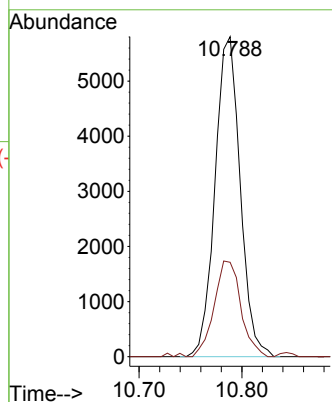
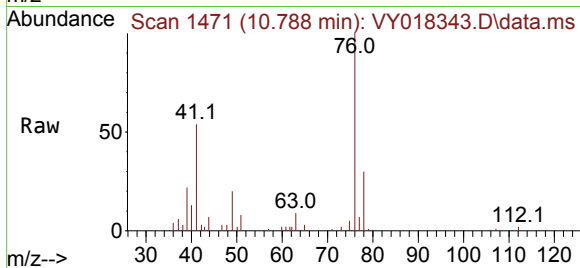




#57
1,3-Dichloropropane
Concen: 5.160 ug/l
RT: 10.788 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

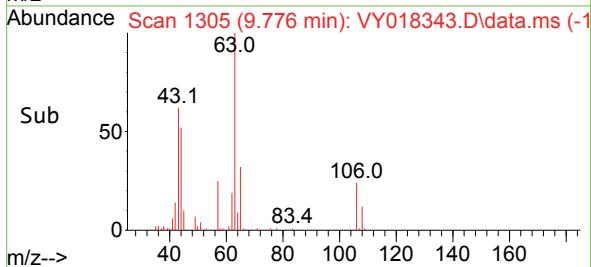
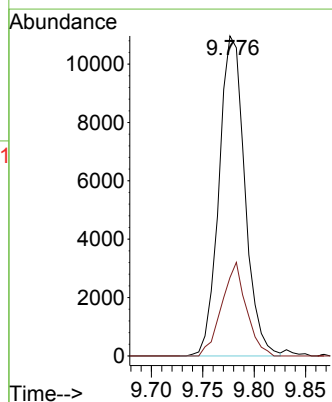
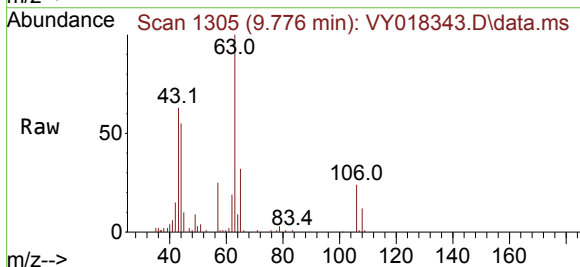
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

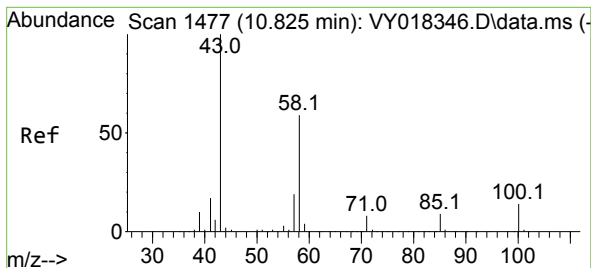
Tgt Ion: 76 Resp: 9842
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 27.485 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 63 Resp: 19169
Ion Ratio Lower Upper
63 100
106 27.7 23.7 35.5





#59

2-Hexanone

Concen: 24.525 ug/l

RT: 10.831 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

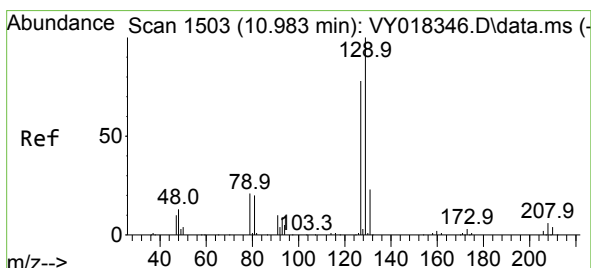
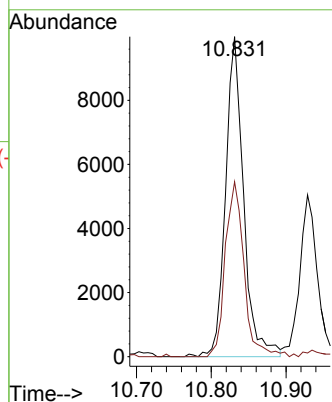
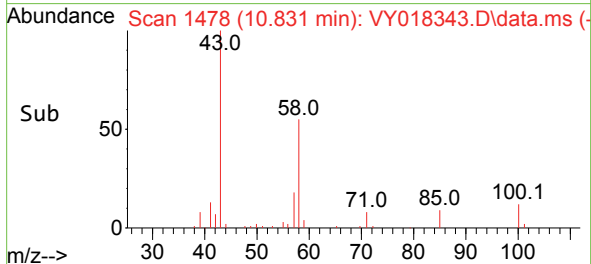
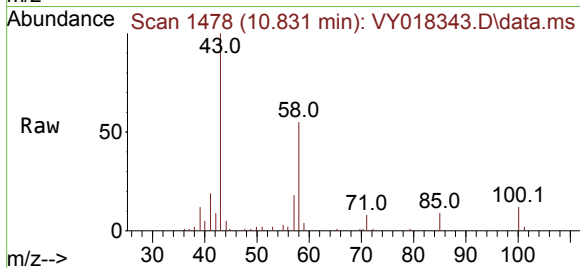
VSTDIC005

Tgt Ion: 43 Resp: 16783

Ion Ratio Lower Upper

43 100

58 56.8 31.4 94.0



#60

Dibromochloromethane

Concen: 4.416 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY018343.D

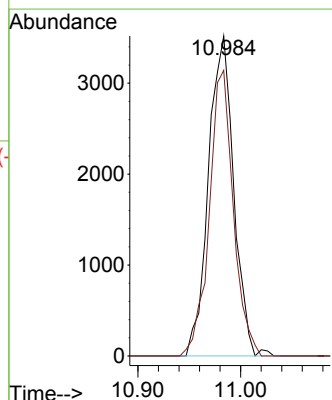
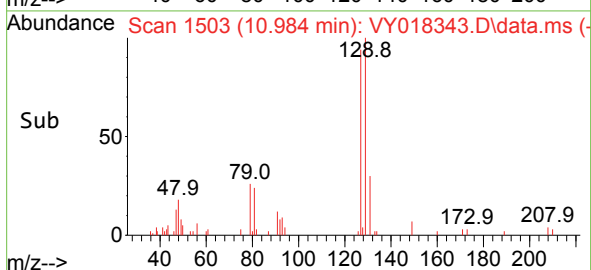
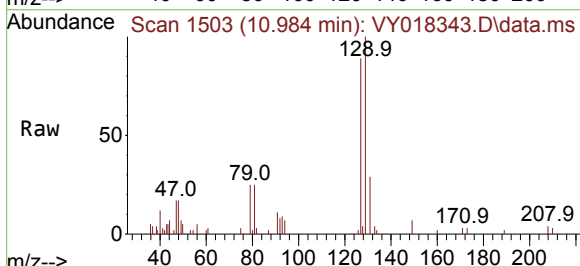
Acq: 22 May 2024 12:43

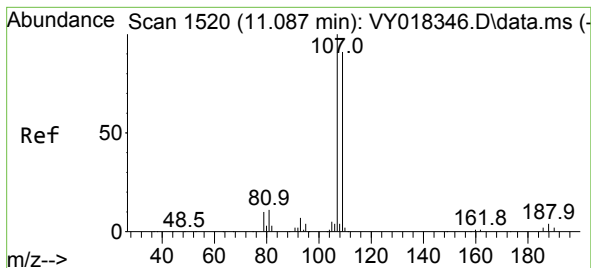
Tgt Ion: 129 Resp: 6002

Ion Ratio Lower Upper

129 100

127 85.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 4.764 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

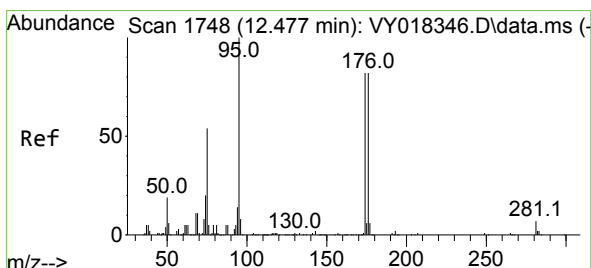
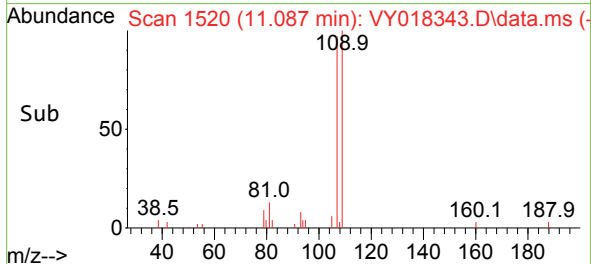
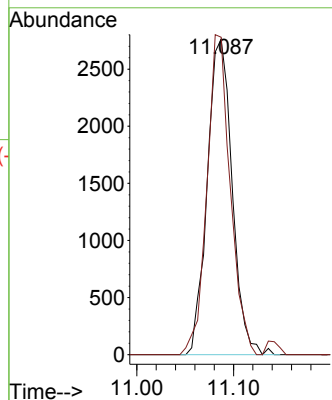
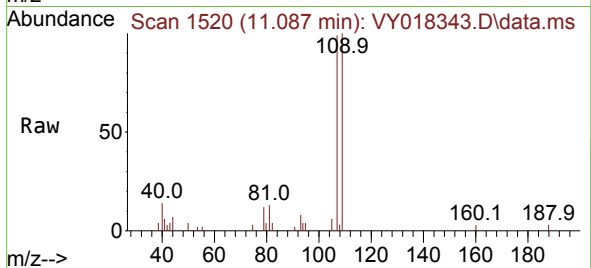
VSTDIC005

Tgt Ion:107 Resp: 4946

Ion Ratio Lower Upper

107 100

109 95.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 5.314 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

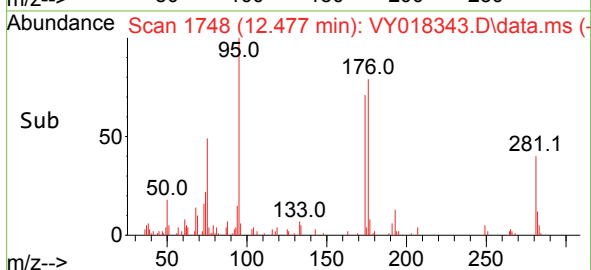
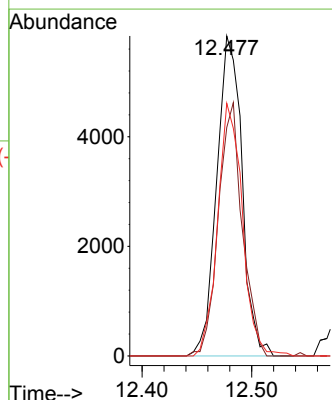
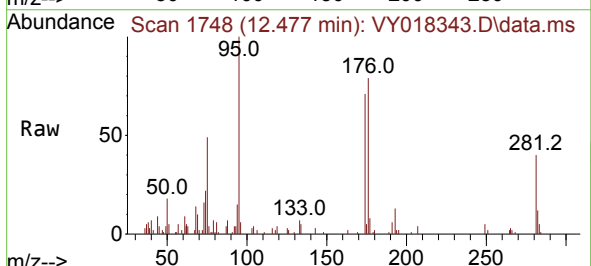
Tgt Ion: 95 Resp: 9319

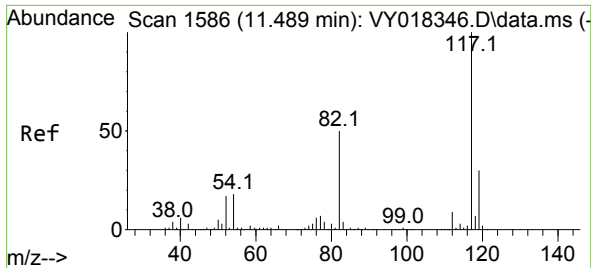
Ion Ratio Lower Upper

95 100

174 75.4 0.0 175.6

176 77.6 0.0 171.4

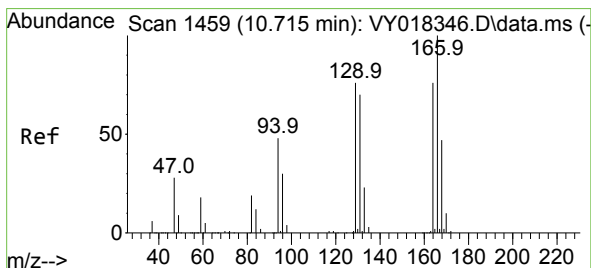
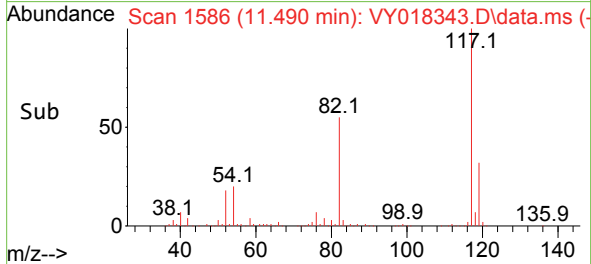
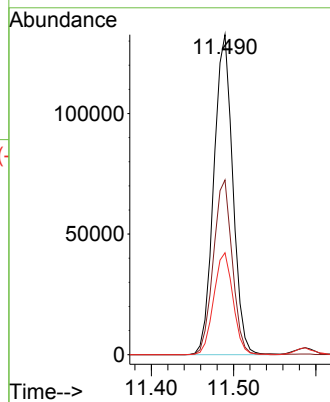
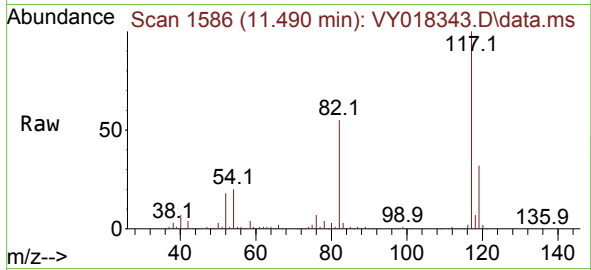




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

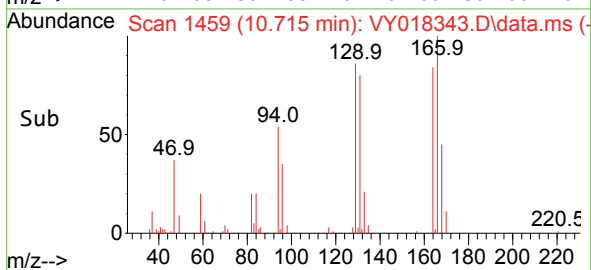
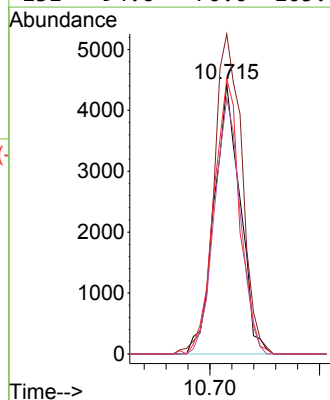
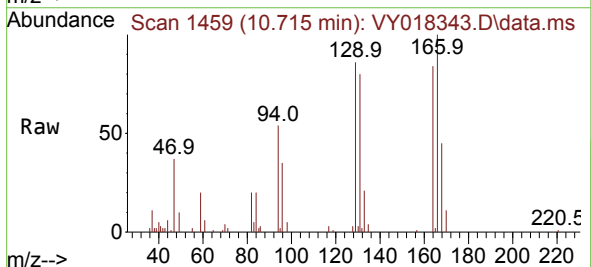
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

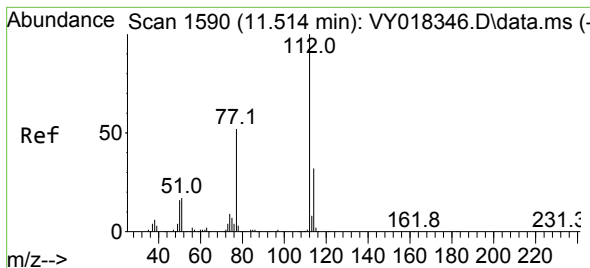
Tgt Ion:117 Resp: 212212
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 4.853 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion:164 Resp: 7305
Ion Ratio Lower Upper
164 100
166 118.5 102.6 154.0
129 102.0 72.0 108.0
131 94.6 70.0 105.0

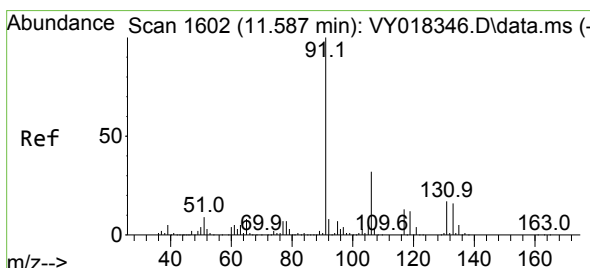
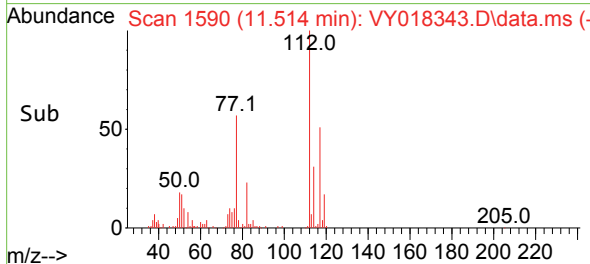
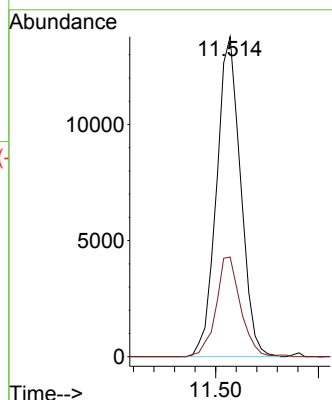
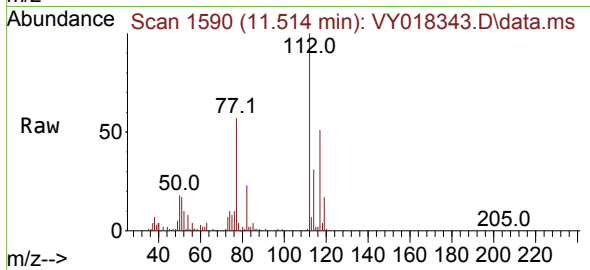




#65
Chlorobenzene
Concen: 5.093 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

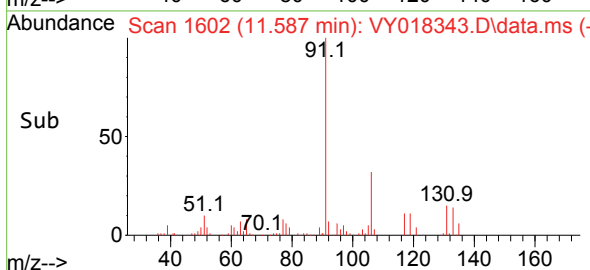
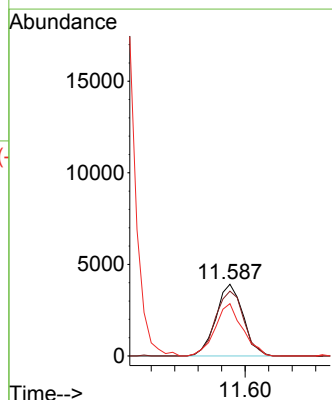
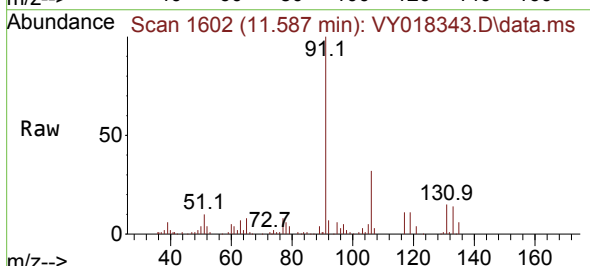
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

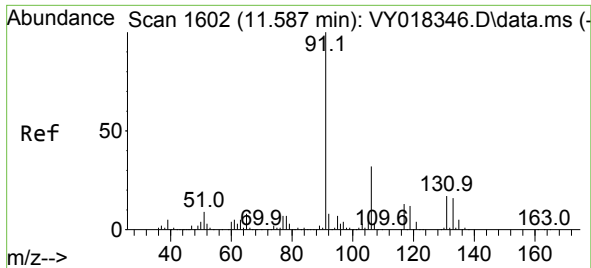
Tgt Ion:112 Resp: 22328
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.535 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion:131 Resp: 6289
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 73.6 34.1 102.2

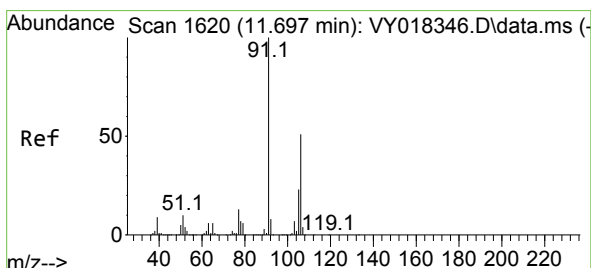
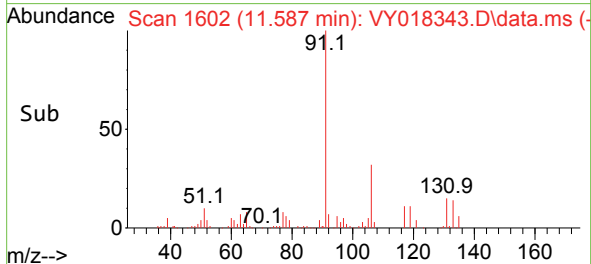
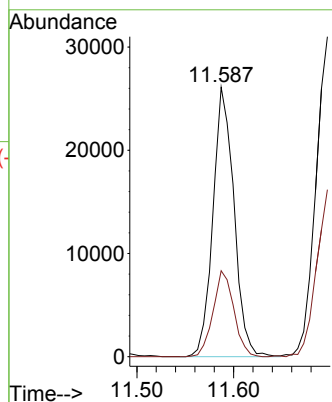
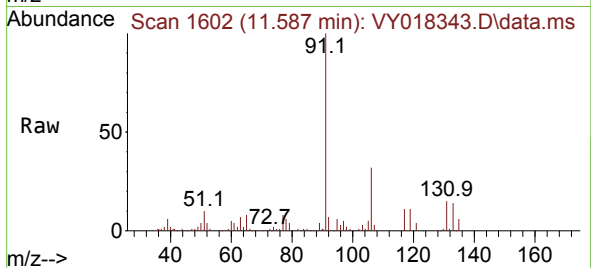




#67
Ethyl Benzene
Concen: 5.113 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

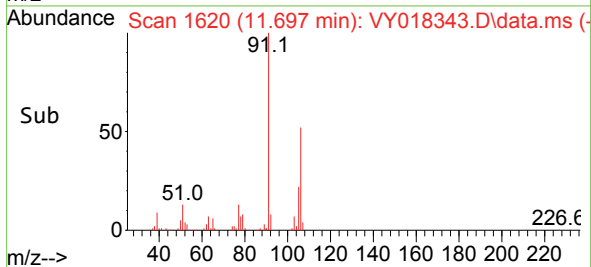
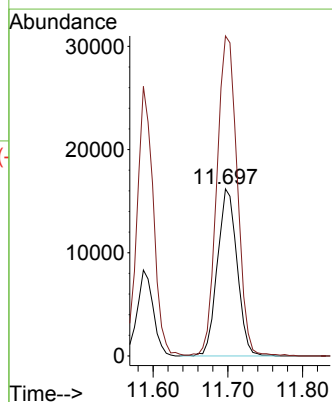
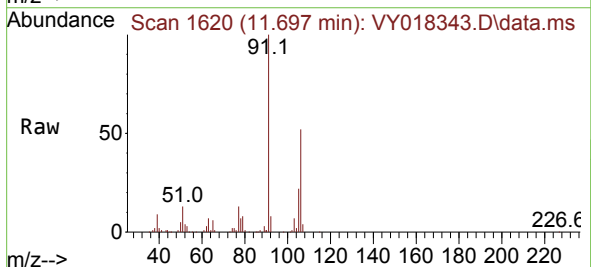
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

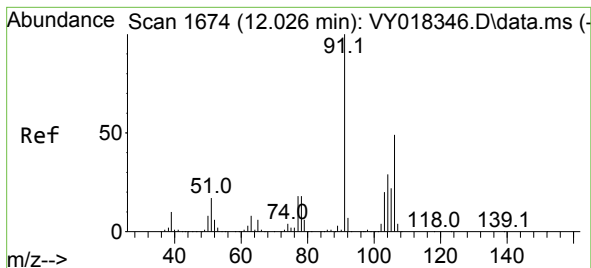
Tgt Ion: 91 Resp: 39363
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7



#68
m/p-Xylenes
Concen: 10.032 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion: 106 Resp: 29716
Ion Ratio Lower Upper
106 100
91 198.4 156.0 234.0





#69

o-Xylene

Concen: 5.001 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

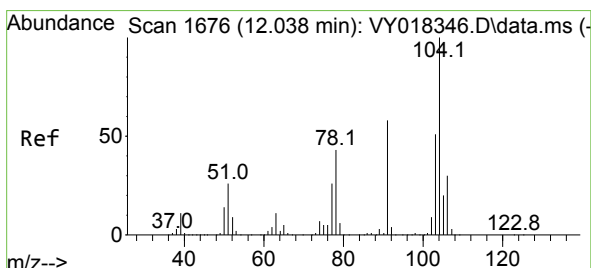
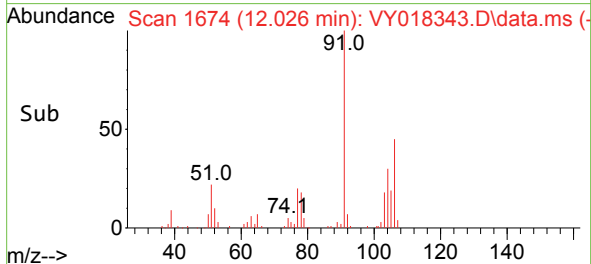
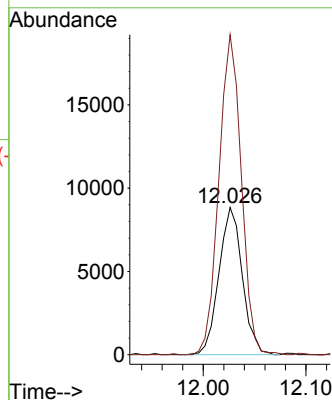
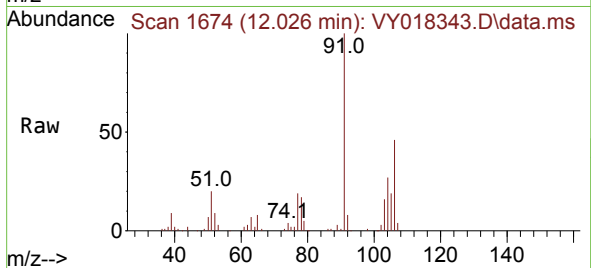
VSTDIC005

Tgt Ion:106 Resp: 13979

Ion Ratio Lower Upper

106 100

91 207.9 103.6 310.8



#70

Styrene

Concen: 4.788 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

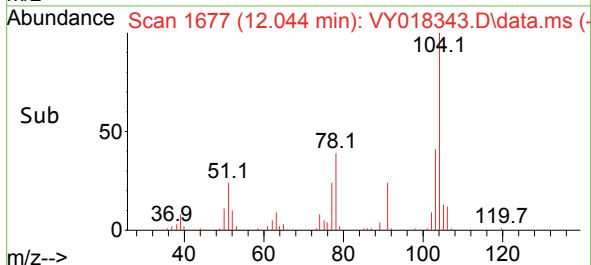
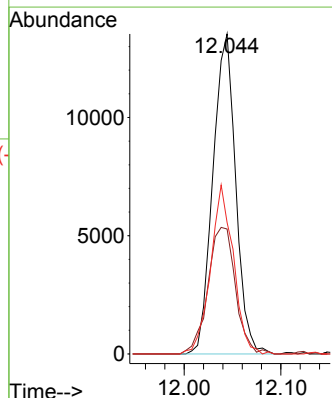
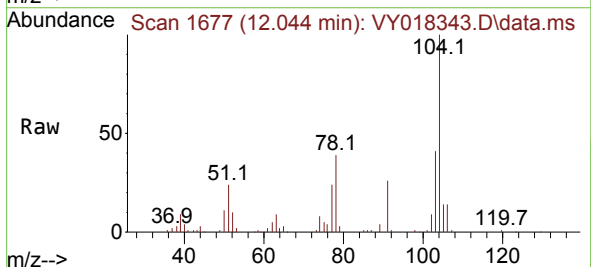
Tgt Ion:104 Resp: 22127

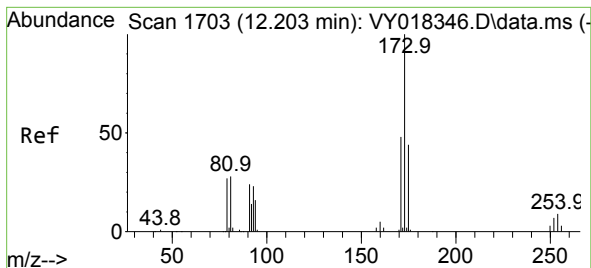
Ion Ratio Lower Upper

104 100

78 47.7 37.0 55.4

103 52.8 44.2 66.2





#71

Bromoform

Concen: 4.330 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

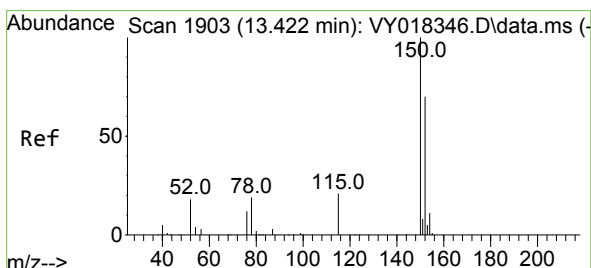
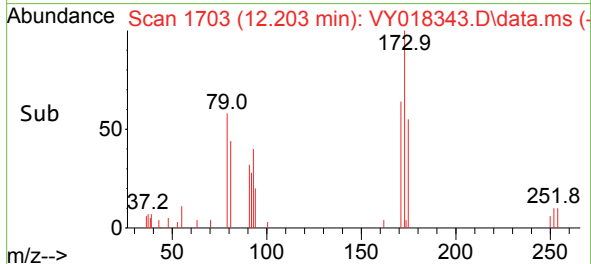
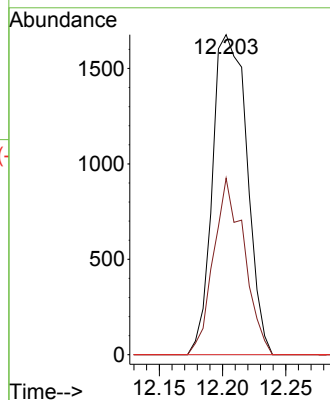
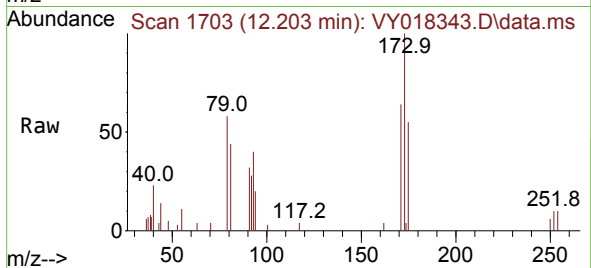
Tgt Ion:173 Resp: 3176

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

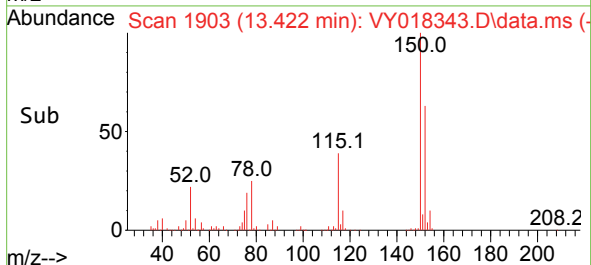
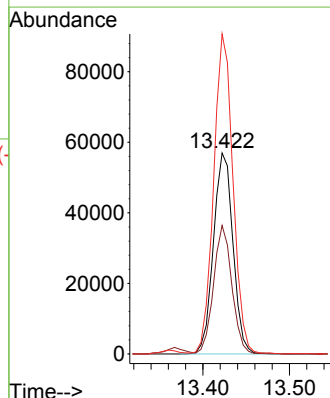
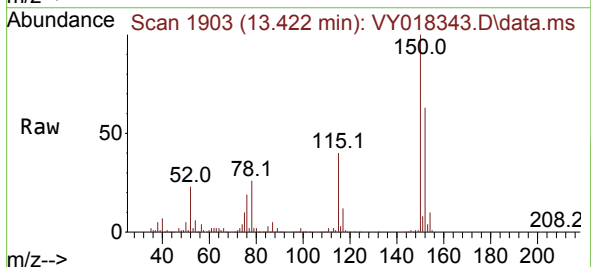
Tgt Ion:152 Resp: 89109

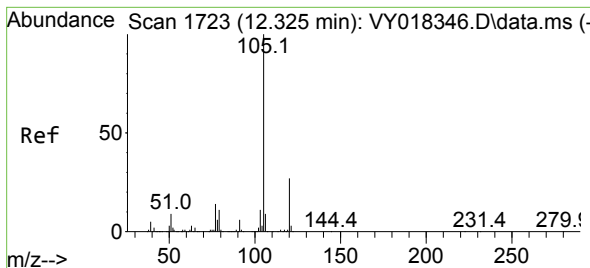
Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 157.6 0.0 345.6





#73

Isopropylbenzene

Concen: 5.240 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

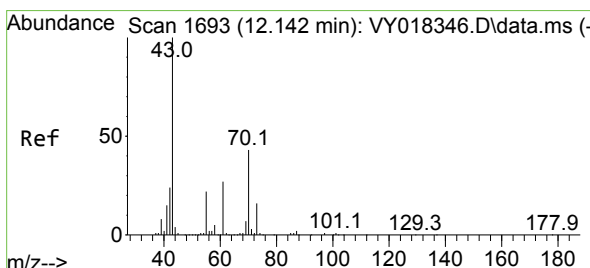
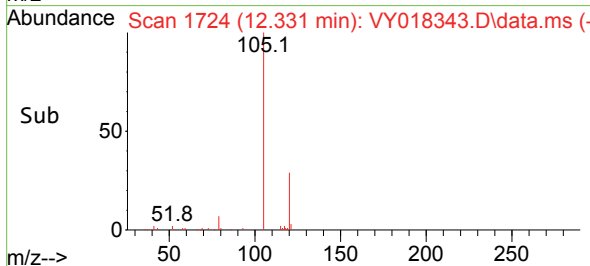
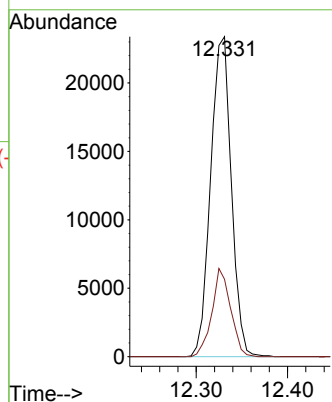
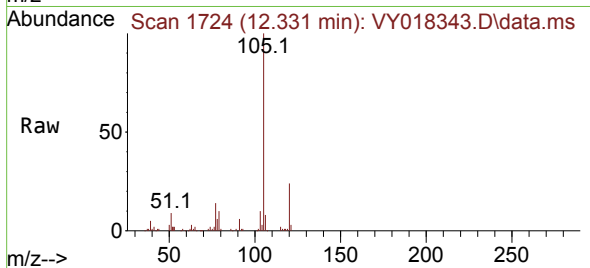
VSTDIC005

Tgt Ion:105 Resp: 36702

Ion Ratio Lower Upper

105 100

120 25.0 13.4 40.1



#74

N-ethyl acetate

Concen: 5.068 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Tgt Ion: 43 Resp: 8281

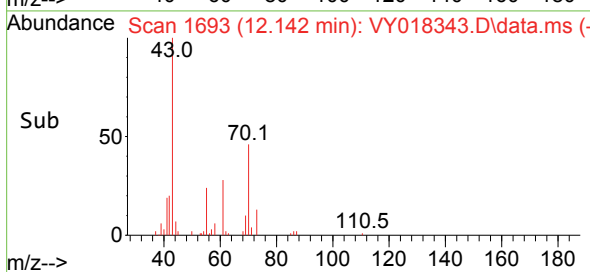
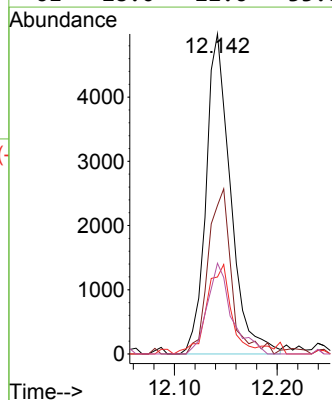
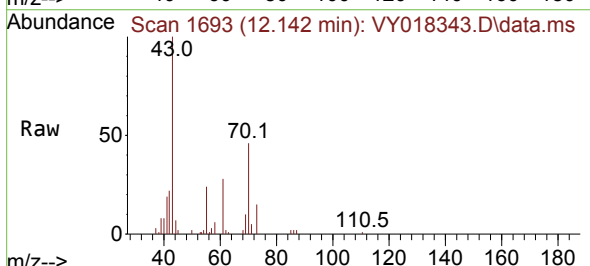
Ion Ratio Lower Upper

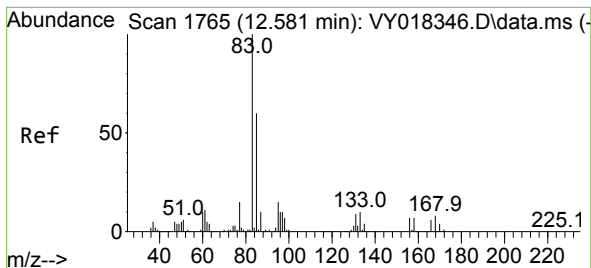
43 100

70 48.8 41.4 62.2

55 27.7 23.3 34.9

61 28.0 22.6 33.8

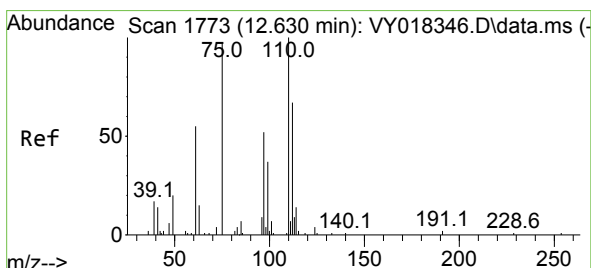
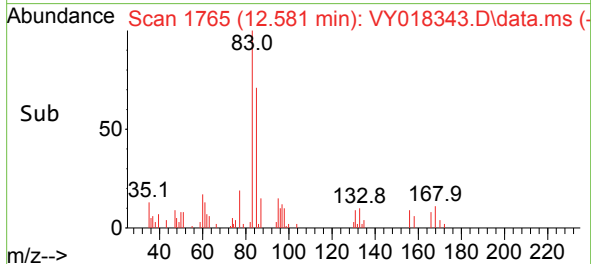
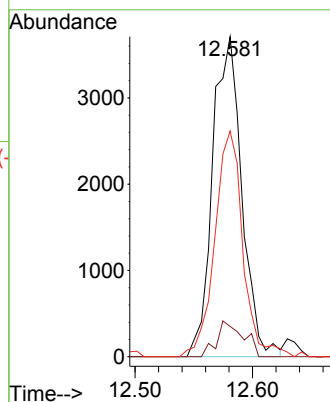
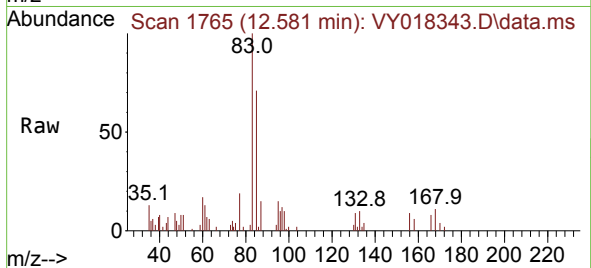




#75
1,1,2,2-Tetrachloroethane
Concen: 5.372 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

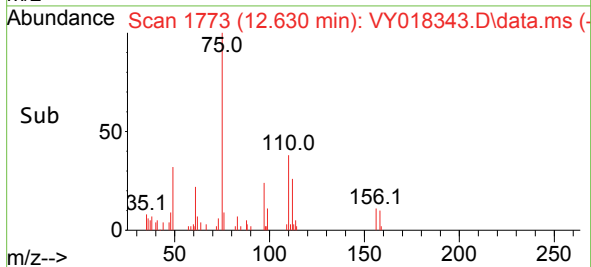
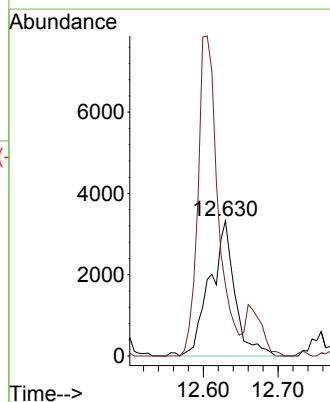
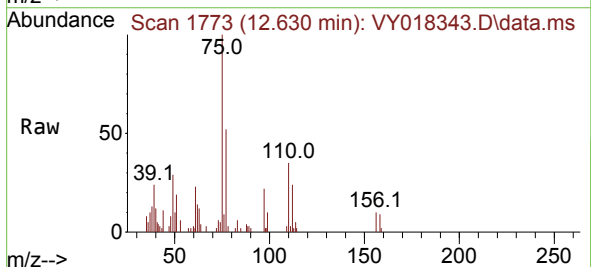
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

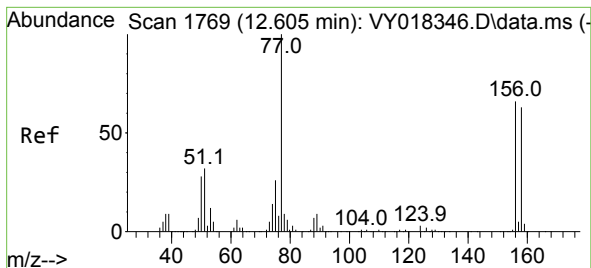
Tgt Ion:	83	Resp:	6411
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	14.9
85	68.0	32.0	96.0



#76
1,2,3-Trichloropropane
Concen: 9.233 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion:	75	Resp:	7649
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.051 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

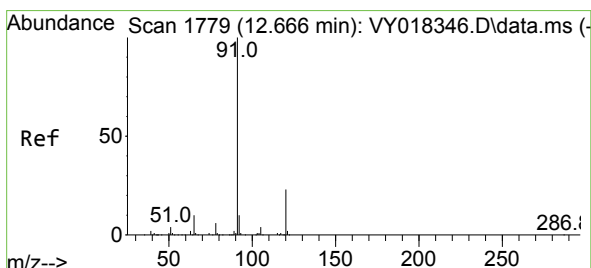
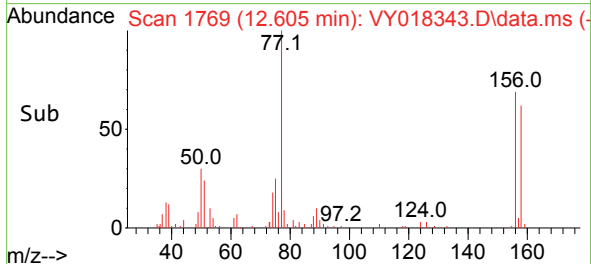
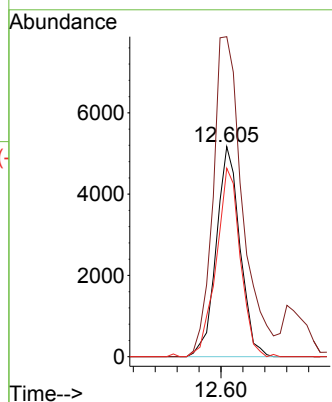
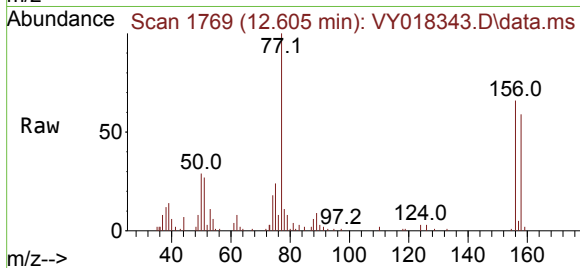
Tgt Ion:156 Resp: 7748

Ion Ratio Lower Upper

156 100

77 189.6 87.1 261.3

158 91.0 48.6 145.9



#78

n-propylbenzene

Concen: 5.405 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018343.D

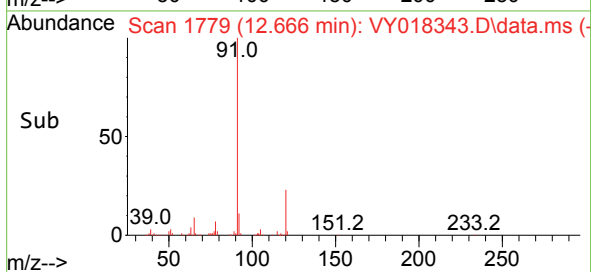
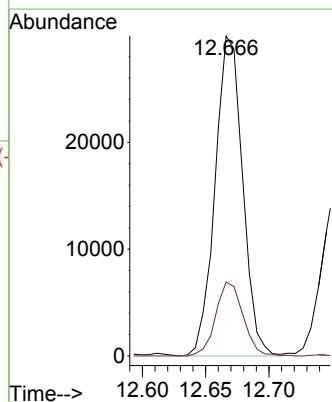
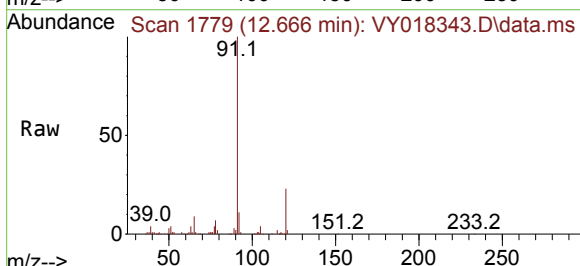
Acq: 22 May 2024 12:43

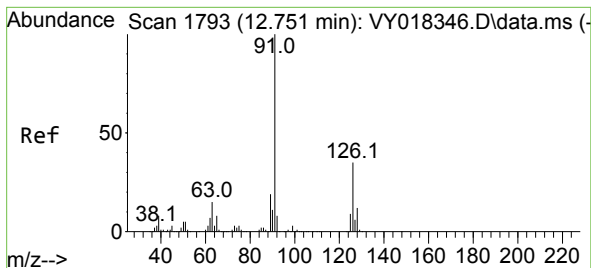
Tgt Ion: 91 Resp: 45325

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.423 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

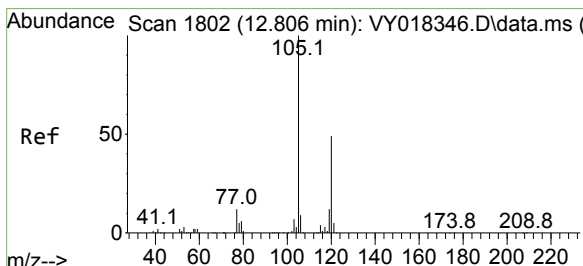
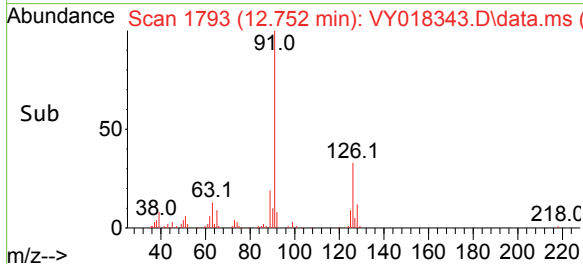
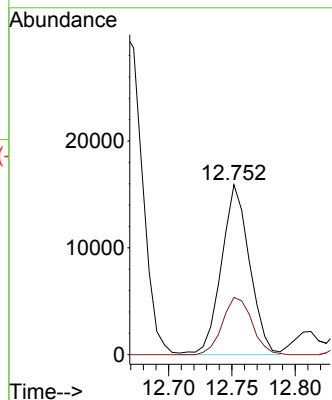
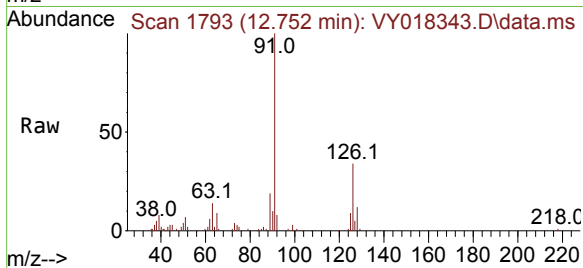
VSTDIC005

Tgt Ion: 91 Resp: 24623

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 5.297 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018343.D

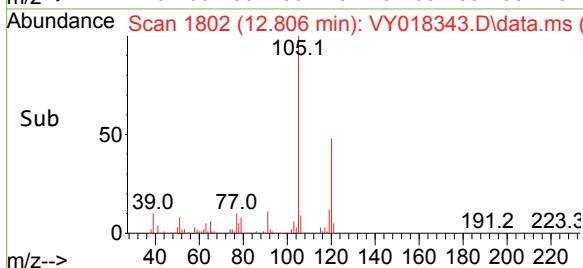
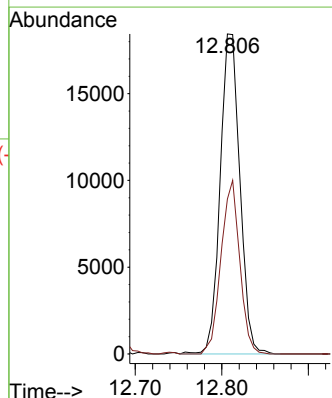
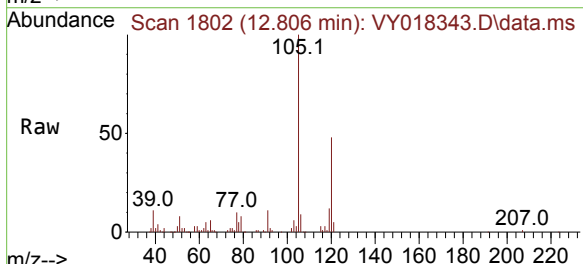
Acq: 22 May 2024 12:43

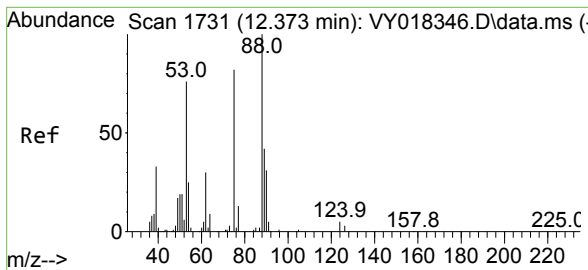
Tgt Ion:105 Resp: 29155

Ion Ratio Lower Upper

105 100

120 51.4 25.1 75.2

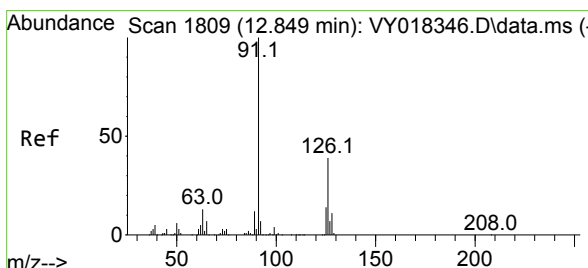
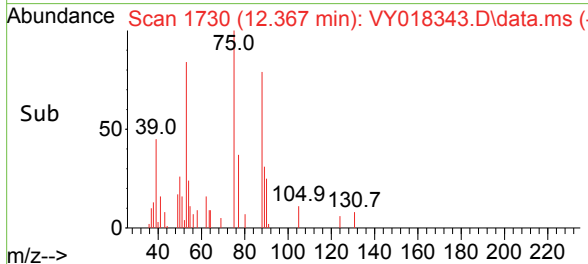
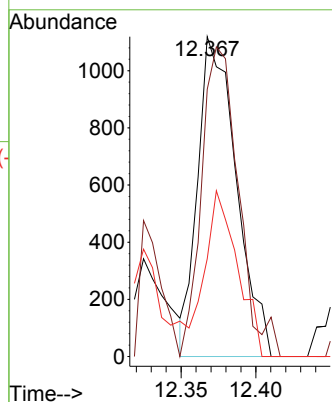
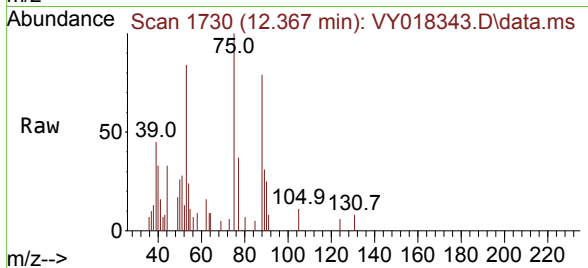




#81
trans-1,4-Dichloro-2-butene
Concen: 5.148 ug/l
RT: 12.367 min Scan# 1730
Delta R.T. -0.006 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

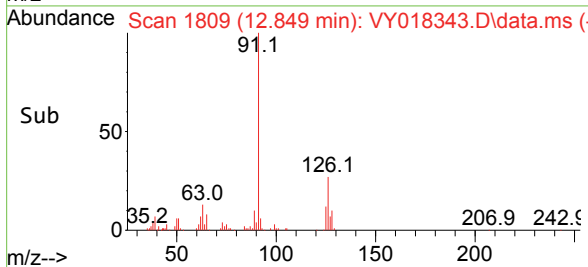
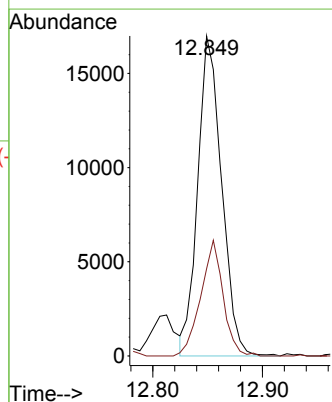
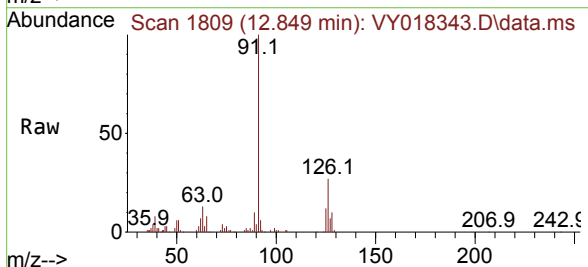
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

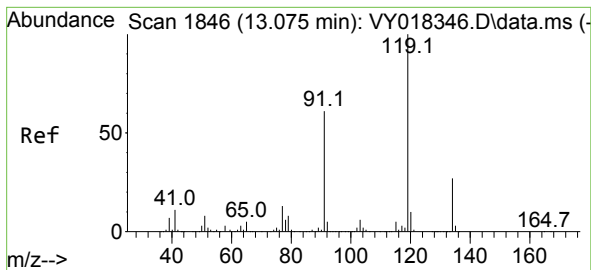
Tgt Ion:	75	Resp:	2004
Ion	Ratio	Lower	Upper
75	100		
53	92.9	66.8	100.2
89	43.2	35.8	53.6



#82
4-Chlorotoluene
Concen: 5.592 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018343.D
Acq: 22 May 2024 12:43

Tgt Ion:	91	Resp:	25740
Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.6	52.9





#83

tert-Butylbenzene

Concen: 5.144 ug/l

RT: 13.069 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

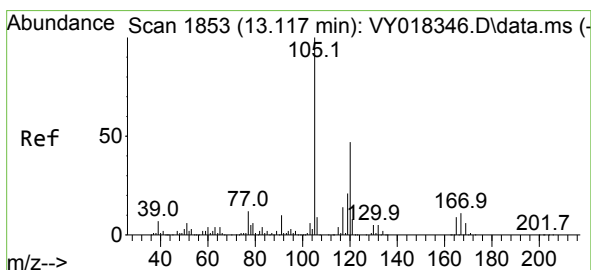
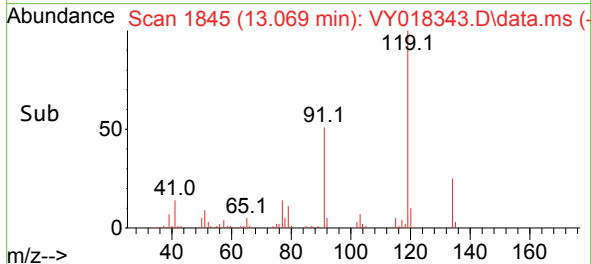
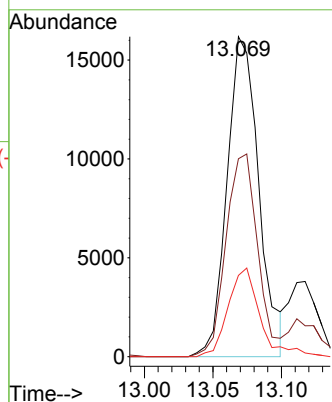
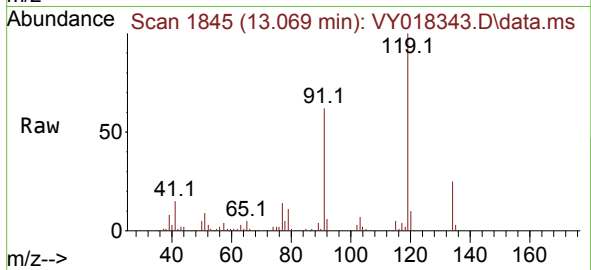
Tgt Ion:119 Resp: 26168

Ion Ratio Lower Upper

119 100

91 63.3 31.3 93.8

134 27.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 5.219 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018343.D

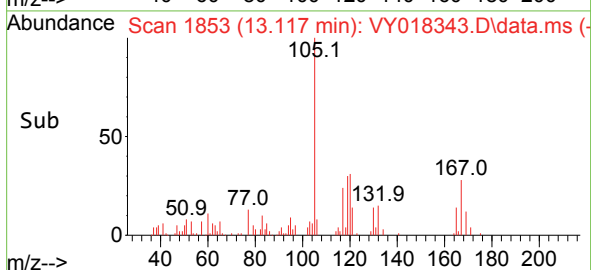
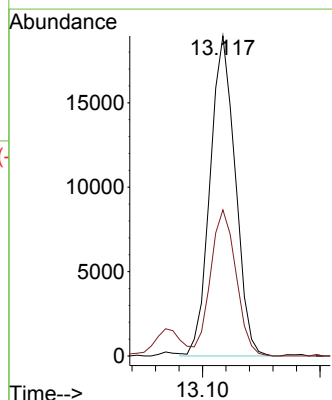
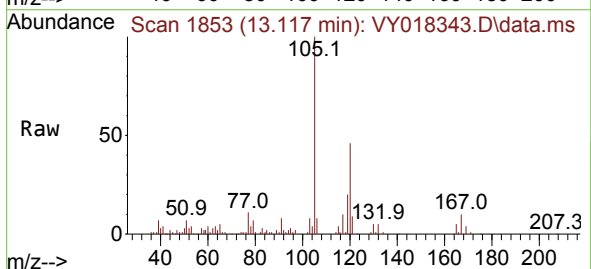
Acq: 22 May 2024 12:43

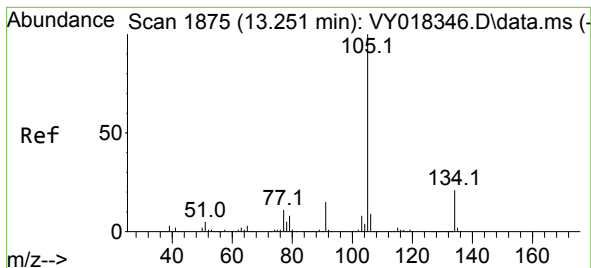
Tgt Ion:105 Resp: 28248

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 5.346 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

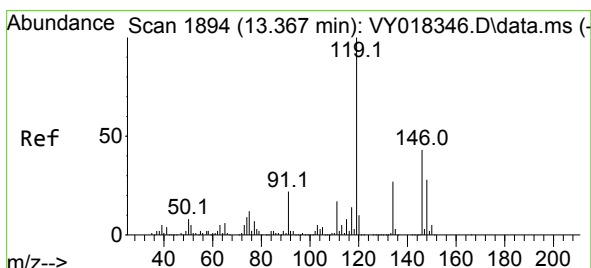
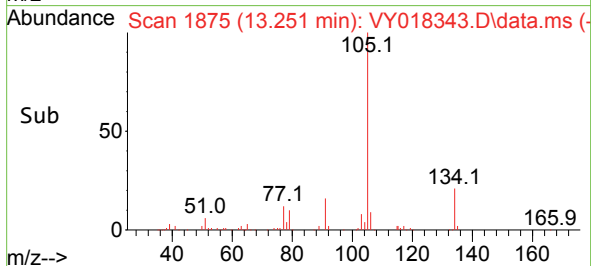
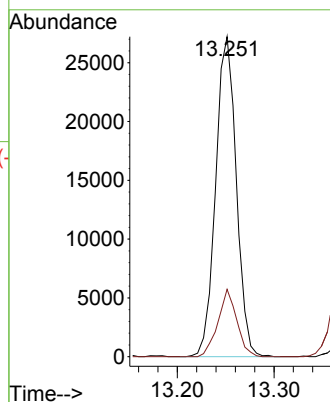
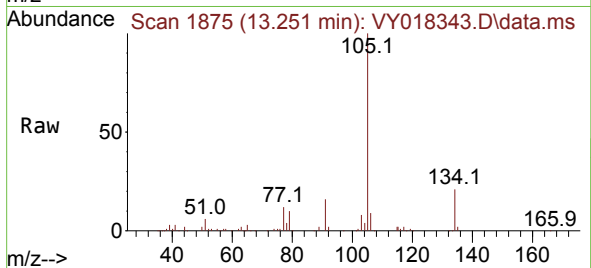
VSTDIC005

Tgt Ion:105 Resp: 40225

Ion Ratio Lower Upper

105 100

134 19.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 5.222 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

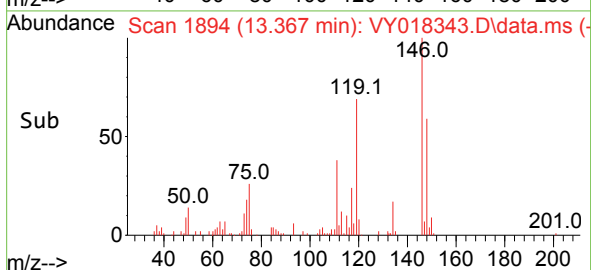
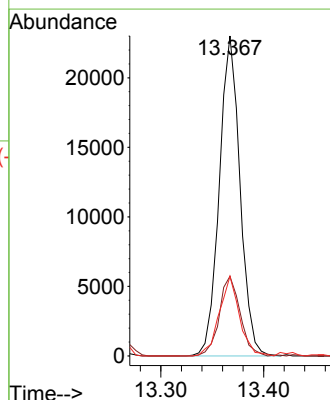
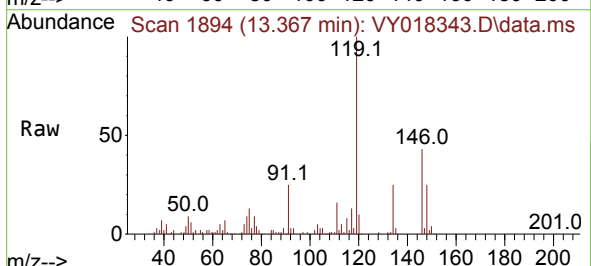
Tgt Ion:119 Resp: 32139

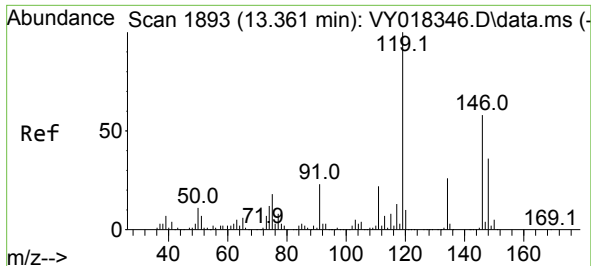
Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.3

91 24.3 10.7 32.1

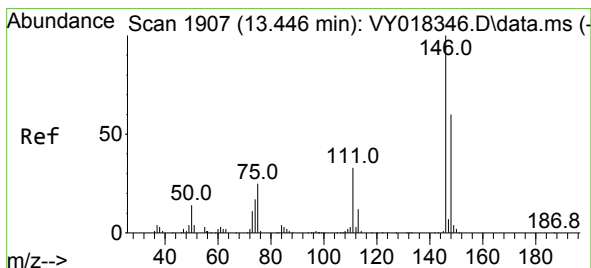
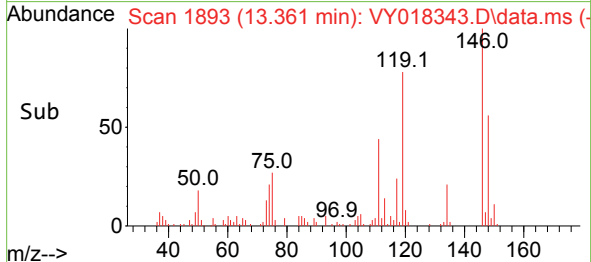
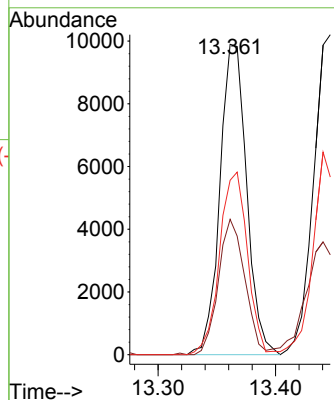
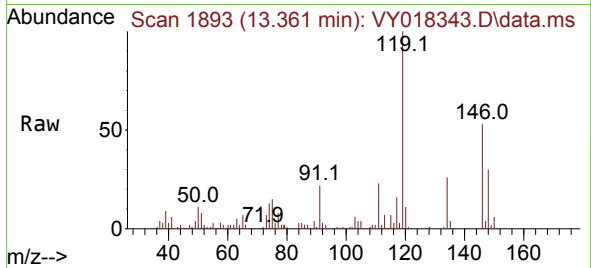




#87
 1,3-Dichlorobenzene
 Concen: 5.193 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY018343.D
 Acq: 22 May 2024 12:43

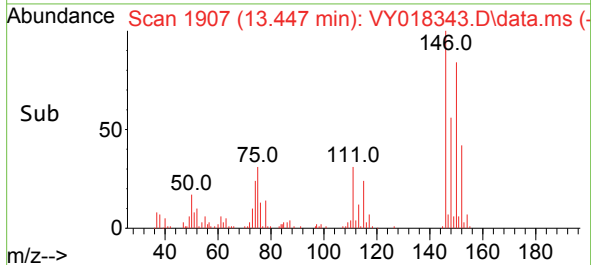
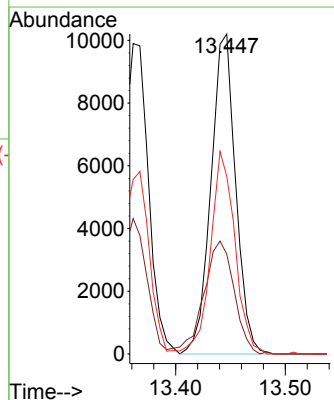
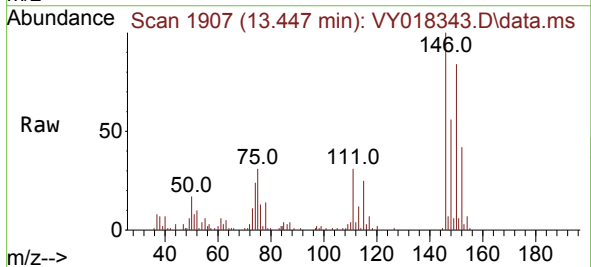
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

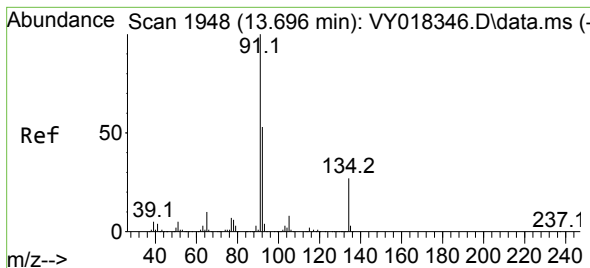
Tgt Ion:146 Resp: 15687
 Ion Ratio Lower Upper
 146 100
 111 43.1 19.0 57.0
 148 61.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 5.324 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY018343.D
 Acq: 22 May 2024 12:43

Tgt Ion:146 Resp: 16007
 Ion Ratio Lower Upper
 146 100
 111 43.7 18.4 55.4
 148 62.3 32.4 97.2





#89

n-Butylbenzene

Concen: 5.620 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

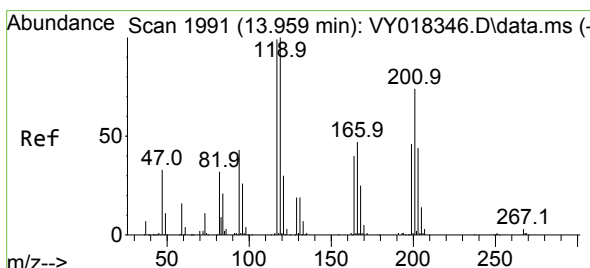
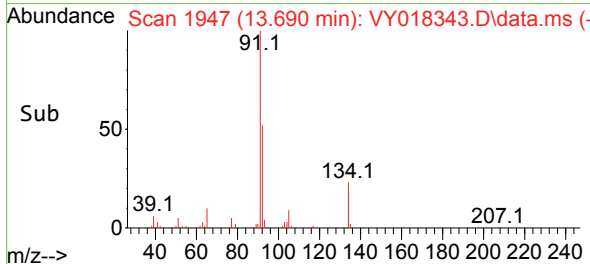
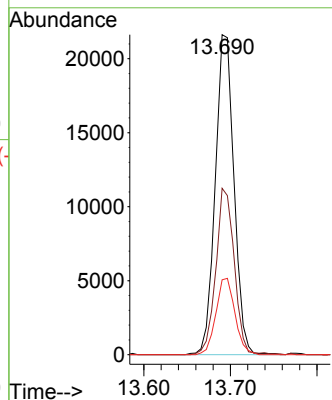
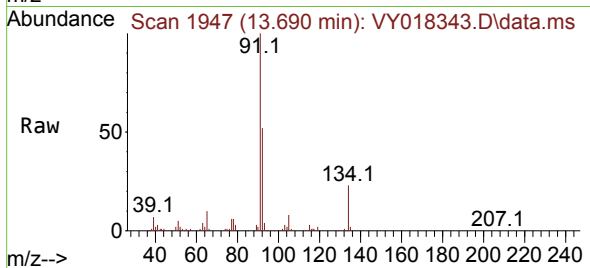
Tgt Ion: 91 Resp: 32506

Ion Ratio Lower Upper

91 100

92 51.3 26.6 79.7

134 24.3 12.9 38.7



#90

Hexachloroethane

Concen: 5.226 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018343.D

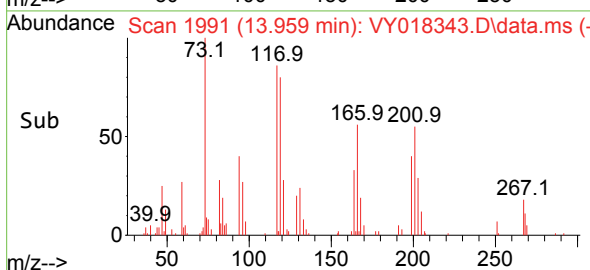
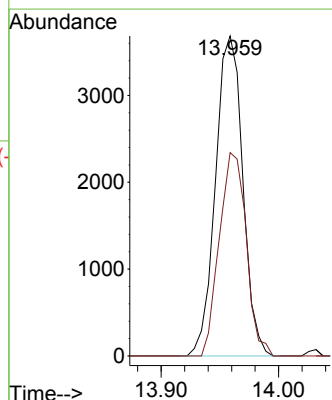
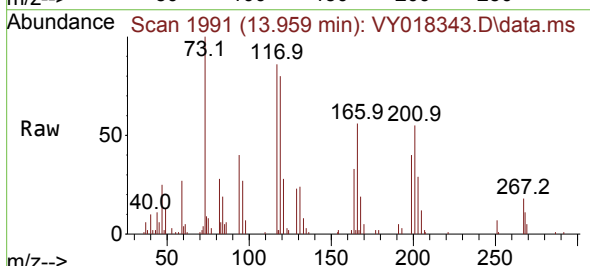
Acq: 22 May 2024 12:43

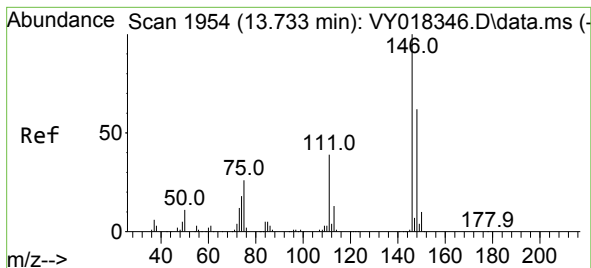
Tgt Ion: 117 Resp: 5940

Ion Ratio Lower Upper

117 100

201 62.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 5.070 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

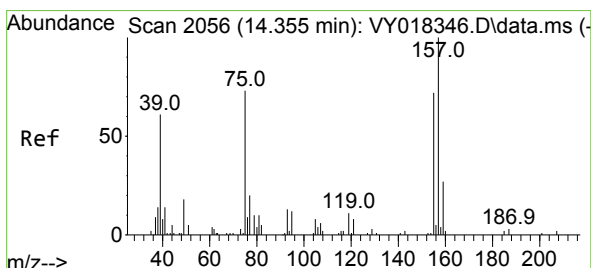
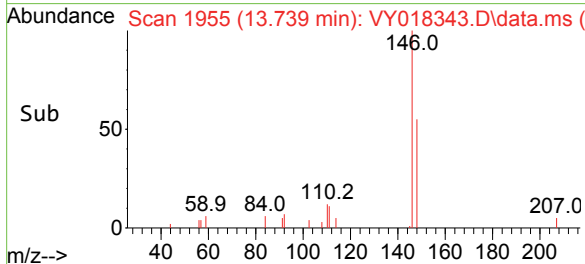
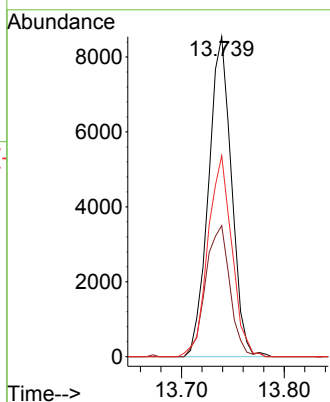
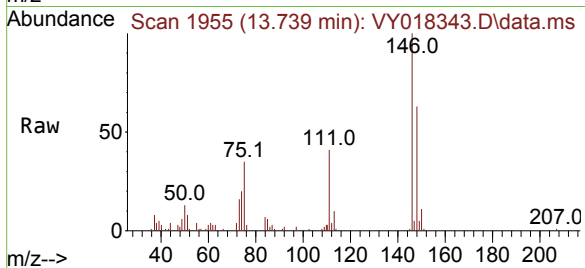
Tgt Ion:146 Resp: 13289

Ion Ratio Lower Upper

146 100

111 43.5 19.9 59.7

148 65.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.138 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

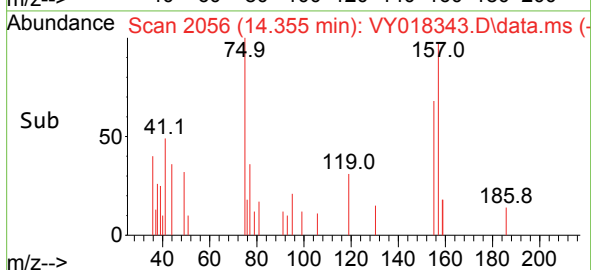
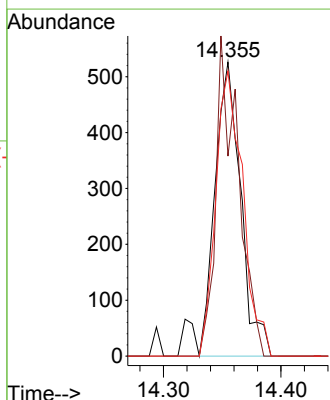
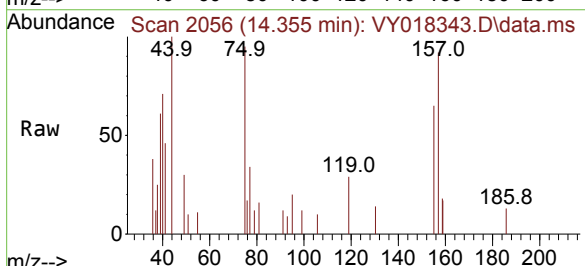
Tgt Ion: 75 Resp: 841

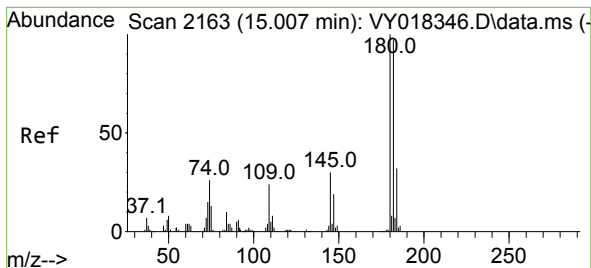
Ion Ratio Lower Upper

75 100

155 90.2 48.6 145.8

157 97.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.978 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

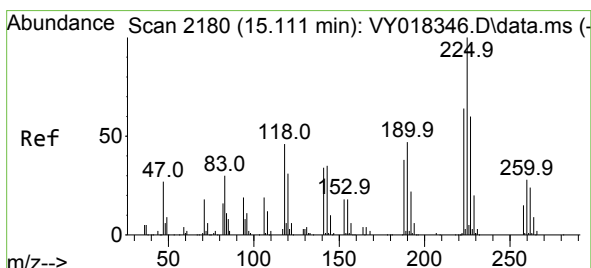
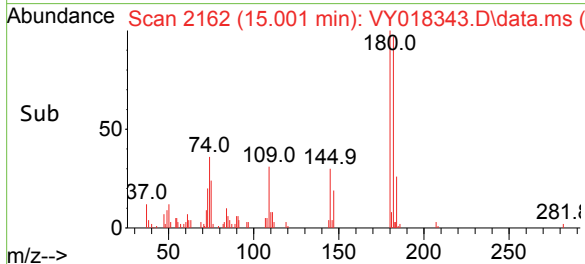
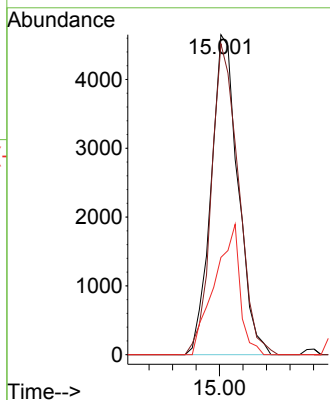
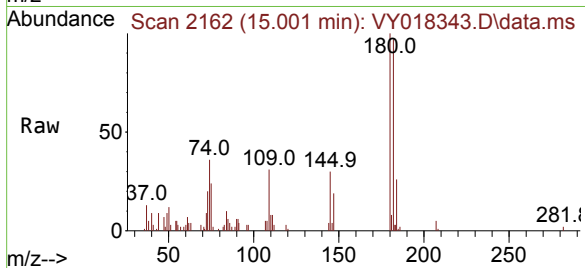
Tgt Ion:180 Resp: 7432

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.8

145 38.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 4.902 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

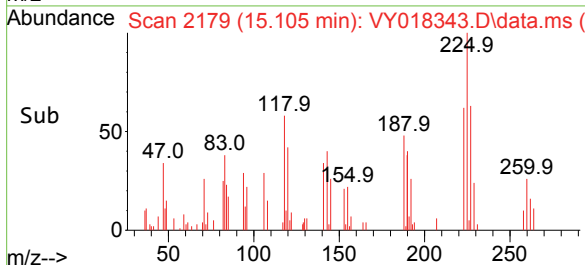
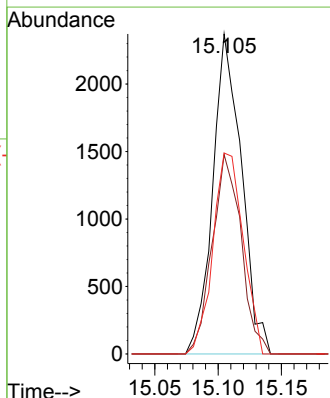
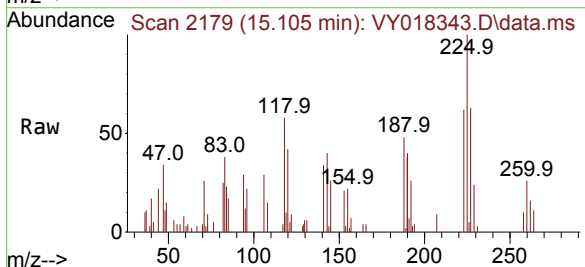
Tgt Ion:225 Resp: 3745

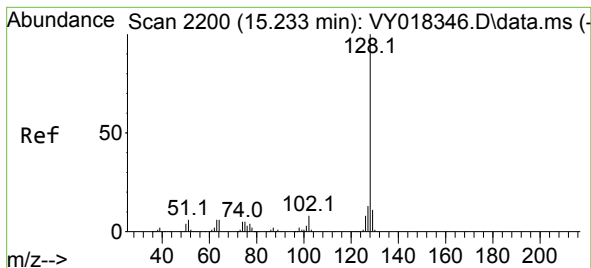
Ion Ratio Lower Upper

225 100

223 62.8 30.4 91.2

227 66.2 31.9 95.9





#95

Naphthalene

Concen: 4.612 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

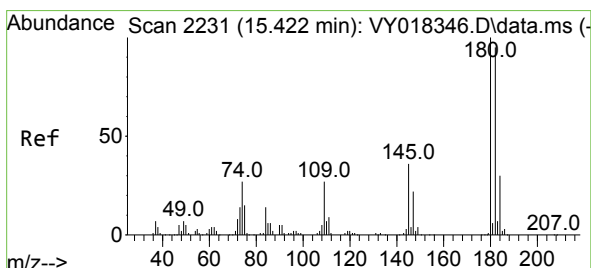
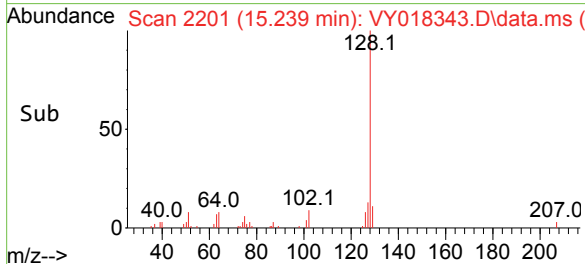
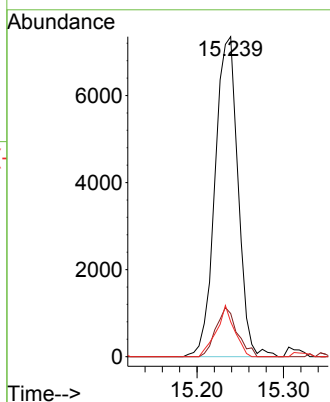
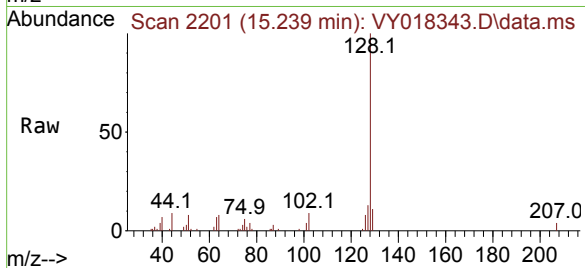
Tgt Ion:128 Resp: 13540

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 12.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 5.095 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018343.D

Acq: 22 May 2024 12:43

Tgt Ion:180 Resp: 6467

Ion Ratio Lower Upper

180 100

182 89.2 47.6 142.9

145 30.1 15.4 46.1

