

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018341.D
 Acq On : 20 May 2024 18:02
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 21 01:29:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	163137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	302710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78231	65.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.360%	
35) Dibromofluoromethane	7.709	113	82178	51.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.179	98	313842	50.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	12.477	95	102352	50.556	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53305	41.202	ug/l	97
3) Chloromethane	2.107	50	86057	49.691	ug/l	99
4) Vinyl Chloride	2.241	62	103732	49.411	ug/l	99
5) Bromomethane	2.637	94	68185	46.766	ug/l	96
6) Chloroethane	2.784	64	67704	50.815	ug/l	97
7) Trichlorofluoromethane	3.113	101	111468	45.330	ug/l	94
8) Diethyl Ether	3.521	74	39750	49.103	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	68307	43.585	ug/l	95
10) Methyl Iodide	4.082	142	80551	44.015	ug/l	99
11) Tert butyl alcohol	4.936	59	34646	332.351	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	67384	42.711	ug/l	94
13) Acrolein	3.716	56	36423	311.686	ug/l	99
14) Allyl chloride	4.460	41	100420	50.033	ug/l	95
15) Acrylonitrile	5.149	53	90764	291.557	ug/l	98
16) Acetone	3.930	43	79549	332.144	ug/l	92
17) Carbon Disulfide	4.186	76	178775	41.624	ug/l	99
18) Methyl Acetate	4.466	43	36691	53.780	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	184670	52.547	ug/l	98
20) Methylene Chloride	4.698	84	83785	49.494	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	74778	44.714	ug/l	98
22) Diisopropyl ether	6.106	45	226305	53.153	ug/l	95
23) Vinyl Acetate	6.045	43	744395	287.660	ug/l	94
24) 1,1-Dichloroethane	6.002	63	131156	50.015	ug/l	98
25) 2-Butanone	6.978	43	117070	305.792	ug/l	90
26) 2,2-Dichloropropane	6.972	77	106222	44.755	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	91204	46.147	ug/l	97
28) Bromochloromethane	7.325	49	62233	59.375	ug/l	86
29) Tetrahydrofuran	7.338	42	78207	309.473	ug/l	91
30) Chloroform	7.496	83	135154	49.369	ug/l	95
31) Cyclohexane	7.770	56	112955	48.308	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	112088	45.681	ug/l	98
36) 1,1-Dichloropropene	7.911	75	95934	42.065	ug/l	98
37) Ethyl Acetate	7.063	43	53201	55.424	ug/l	97
38) Carbon Tetrachloride	7.892	117	95050	38.142	ug/l	97
39) Methylcyclohexane	9.179	83	128969	39.198	ug/l	97
40) Benzene	8.155	78	310673	42.349	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	72597	130.971	ug/l #	25
42) 1,2-Dichloroethane	8.228	62	76407	47.870	ug/l	100
43) Isopropyl Acetate	8.264	43	103980	52.848	ug/l	92
44) Trichloroethene	8.935	130	76033	38.073	ug/l	97
45) 1,2-Dichloropropane	9.209	63	72643	45.294	ug/l	99
46) Dibromomethane	9.301	93	40844	44.299	ug/l	95
47) Bromodichloromethane	9.490	83	101904	44.707	ug/l	96
48) Methyl methacrylate	9.288	41	45194	50.118	ug/l	92
49) 1,4-Dioxane	9.288	88	11657	952.485	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	255219	258.084	ug/l	96
52) Toluene	10.240	92	193311	40.932	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	90088	42.314	ug/l	91
54) cis-1,3-Dichloropropene	9.922	75	114810	44.115	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	56797	44.843	ug/l	97
56) Ethyl methacrylate	10.508	69	78691	45.746	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	94197	45.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	158533	193.004	ug/l	99
59) 2-Hexanone	10.825	43	173497	250.919	ug/l	94
60) Dibromochloromethane	10.983	129	68860	41.904	ug/l	100
61) 1,2-Dibromoethane	11.087	107	51568	43.226	ug/l	99
64) Tetrachloroethene	10.715	164	69101	39.306	ug/l	97
65) Chlorobenzene	11.514	112	205858	38.280	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	66918	38.470	ug/l	100
67) Ethyl Benzene	11.587	91	352815	38.857	ug/l	97
68) m/p-Xylenes	11.697	106	279285	77.781	ug/l	97
69) o-Xylene	12.026	106	133787	38.826	ug/l	97
70) Styrene	12.038	104	228811	39.762	ug/l	98
71) Bromoform	12.203	173	37703	39.173	ug/l #	100
73) Isopropylbenzene	12.325	105	345643	37.195	ug/l	99
74) N-amyl acetate	12.142	43	85876	44.517	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.574	83	61931	41.778	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	77229	77.845	ug/l #	100
77) Bromobenzene	12.605	156	80222	37.578	ug/l	97
78) n-propylbenzene	12.666	91	401542	37.150	ug/l	98
79) 2-Chlorotoluene	12.751	91	223864	37.271	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	274303	37.434	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	20626	40.056	ug/l	98
82) 4-Chlorotoluene	12.849	91	222847	36.936	ug/l	98
83) tert-Butylbenzene	13.074	119	253204	37.463	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	269828	37.592	ug/l	100
85) sec-Butylbenzene	13.251	105	361923	36.506	ug/l	99
86) p-Isopropyltoluene	13.367	119	304646	37.353	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	155411	37.695	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	152839	38.027	ug/l	98
89) n-Butylbenzene	13.696	91	278521	37.734	ug/l	99
90) Hexachloroethane	13.958	117	56119	35.073	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	136904	38.634	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9029	44.731	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	78412	39.360	ug/l	98
94) Hexachlorobutadiene	15.105	225	39359	35.808	ug/l	97
95) Naphthalene	15.233	128	160831	44.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	67783	41.460	ug/l	99

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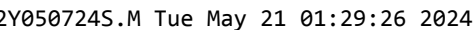
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MSVOA_Y
ClientSampleId :
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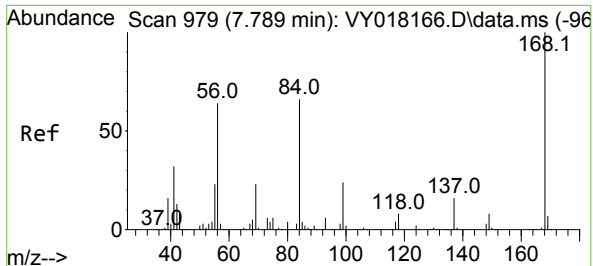
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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

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

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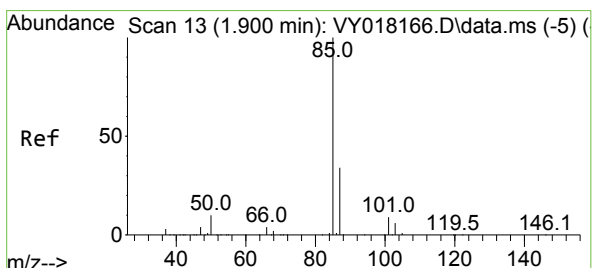
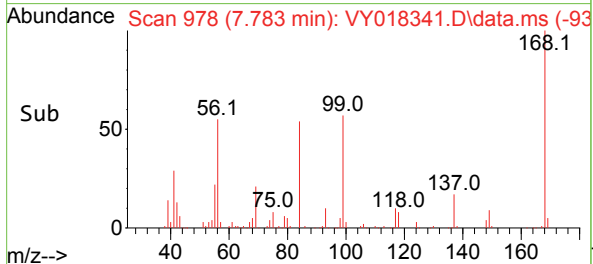
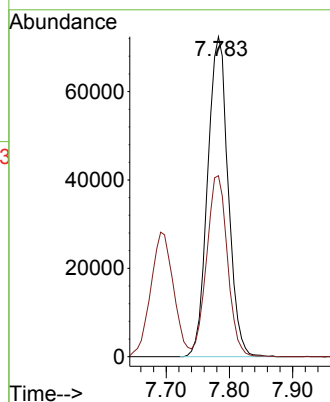
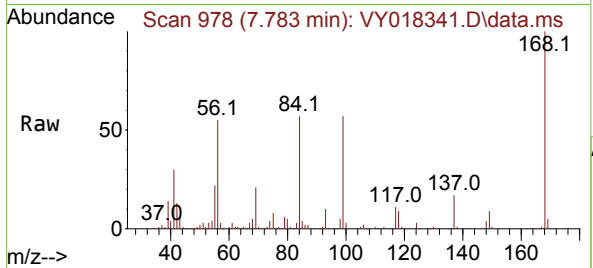




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018341.D
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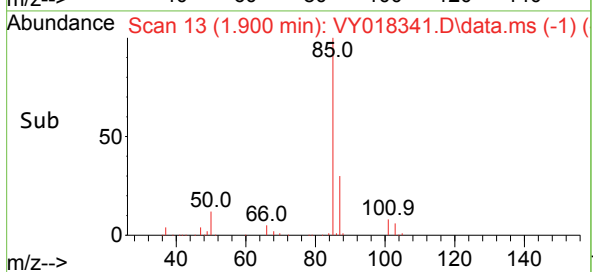
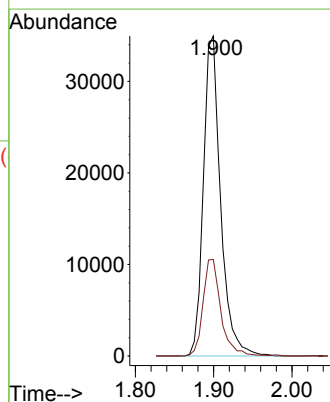
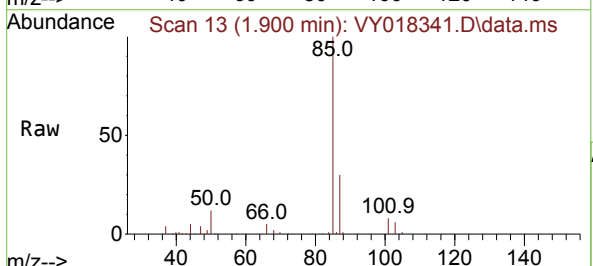
Instrument :
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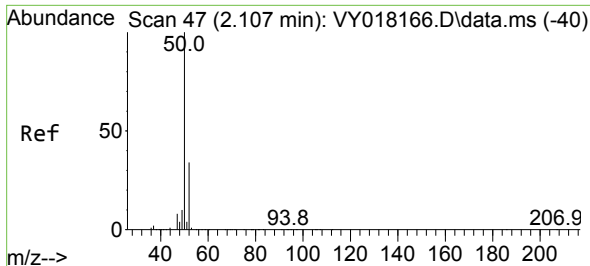
Tgt Ion:168 Resp: 163137
Ion Ratio Lower Upper
168 100
99 56.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 41.202 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 85 Resp: 53305
Ion Ratio Lower Upper
85 100
87 30.2 16.0 48.0

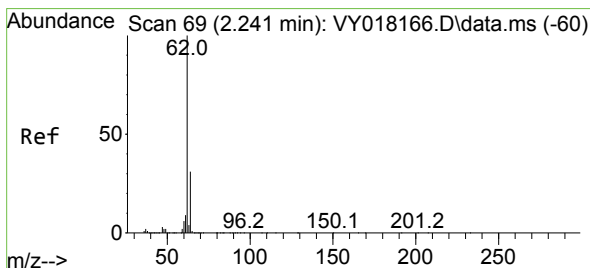
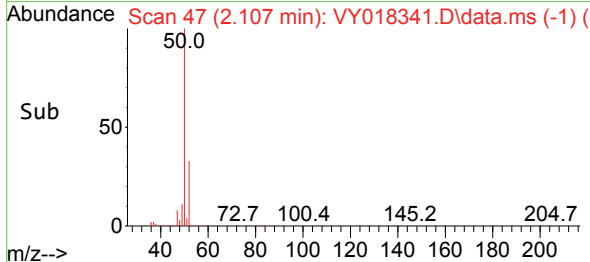
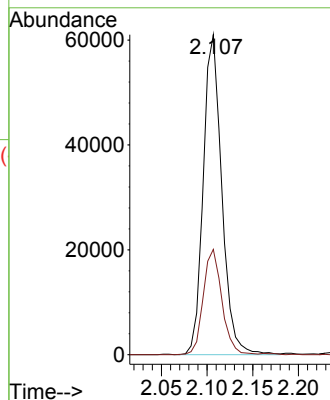
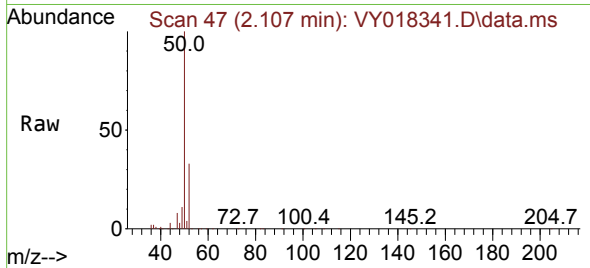




#3
Chloromethane
Concen: 49.691 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

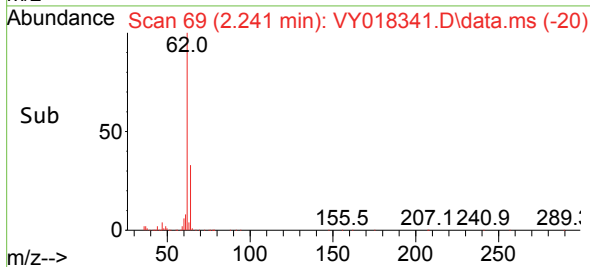
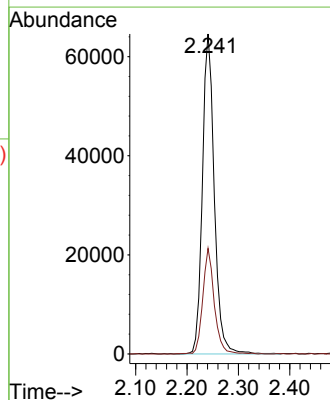
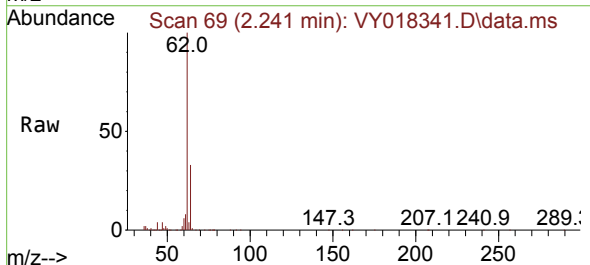
Instrument :
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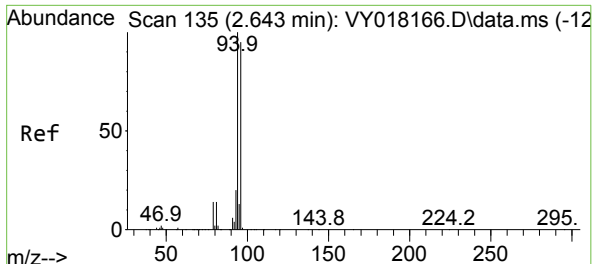
Tgt Ion: 50 Resp: 86057
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 49.411 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 62 Resp: 103732
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

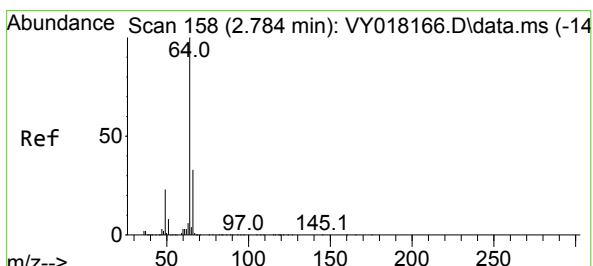
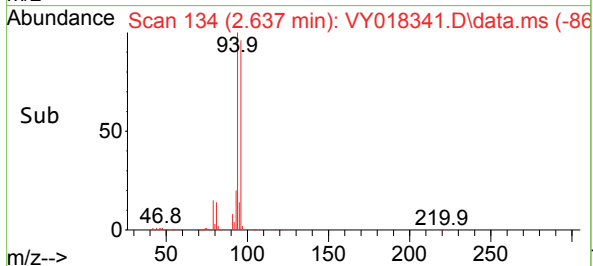
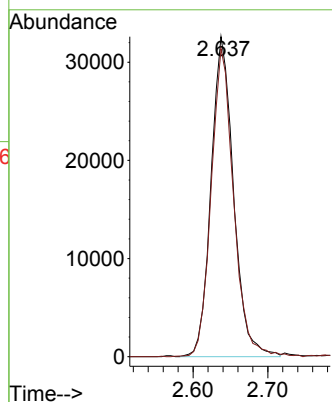
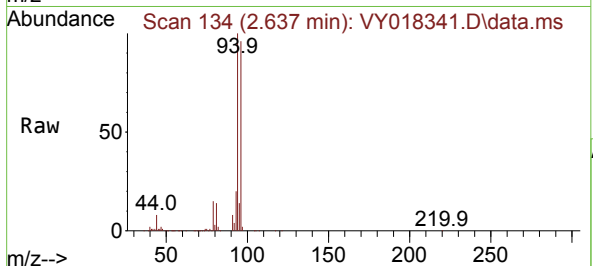




#5
Bromomethane
Concen: 46.766 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

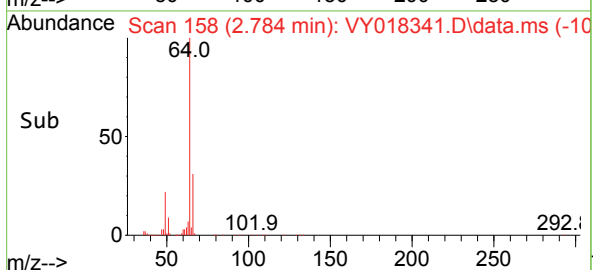
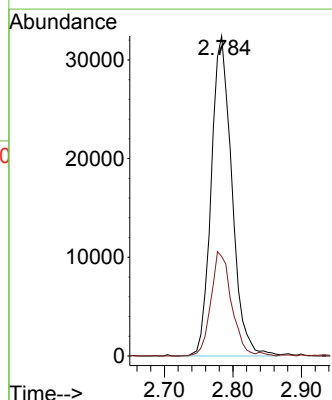
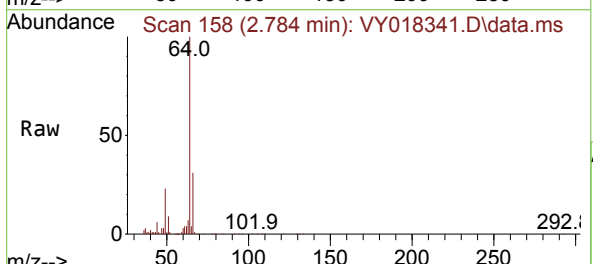
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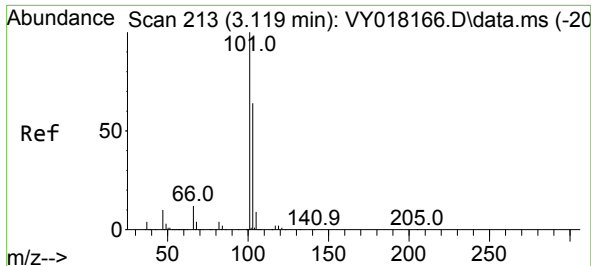
Tgt Ion: 94 Resp: 68185
Ion Ratio Lower Upper
94 100
96 96.0 74.1 111.1



#6
Chloroethane
Concen: 50.815 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 64 Resp: 67704
Ion Ratio Lower Upper
64 100
66 31.1 26.1 39.1

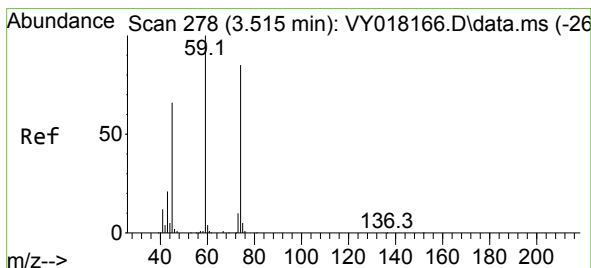
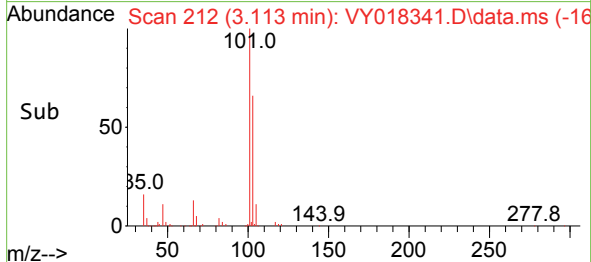
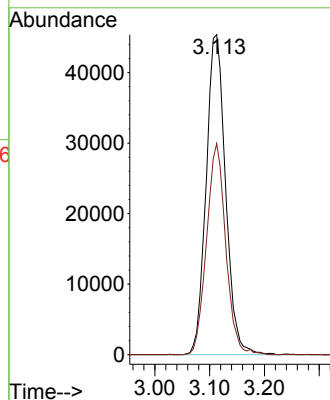
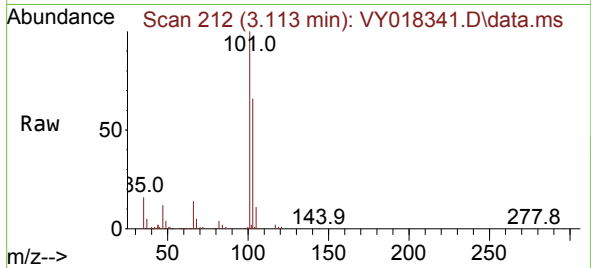




#7
 Trichlorofluoromethane
 Concen: 45.330 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY018341.D
 Acq: 20 May 2024 18:02

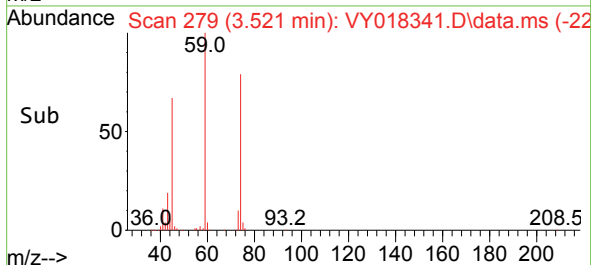
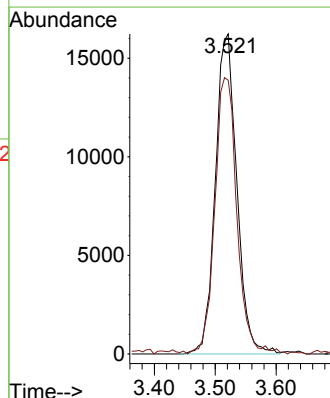
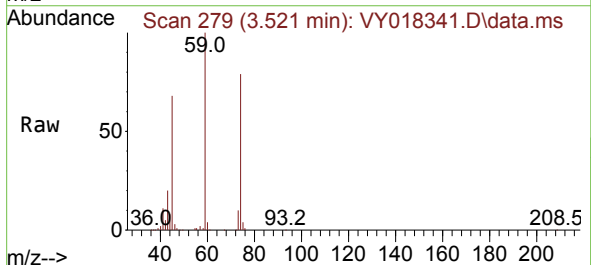
Instrument :
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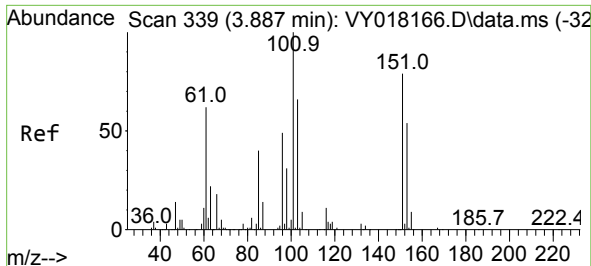
Tgt Ion:101 Resp: 111468
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 49.103 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018341.D
 Acq: 20 May 2024 18:02

Tgt Ion: 74 Resp: 39750
 Ion Ratio Lower Upper
 74 100
 45 88.5 41.3 124.1

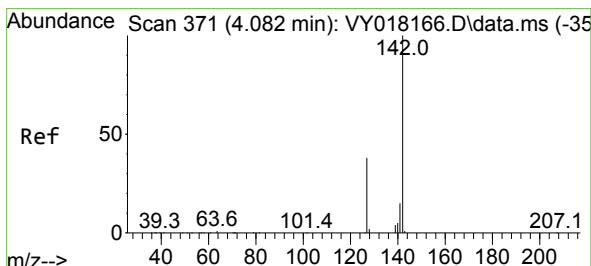
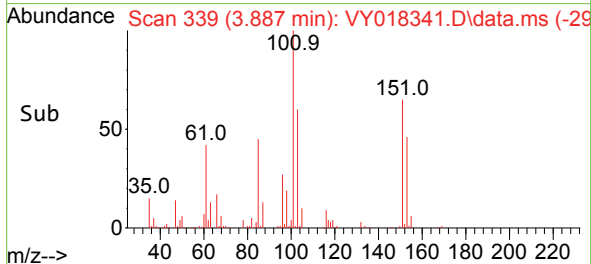
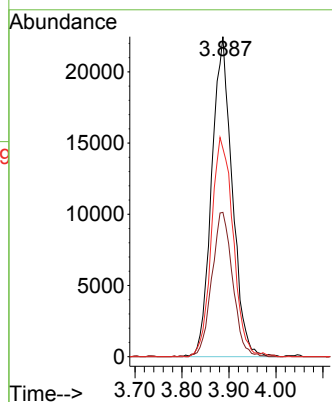
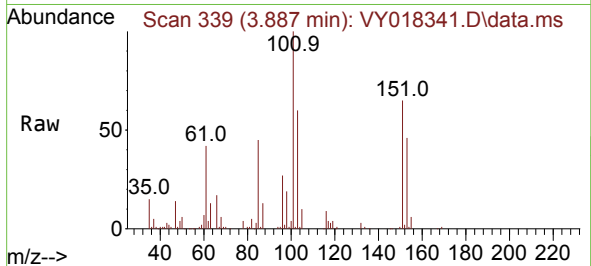




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.585 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

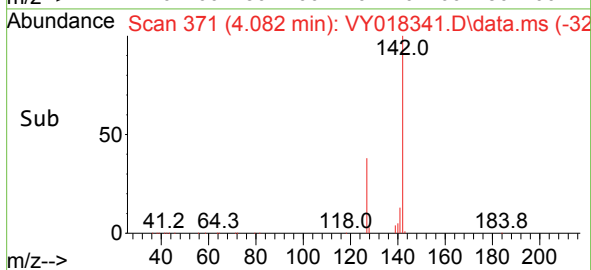
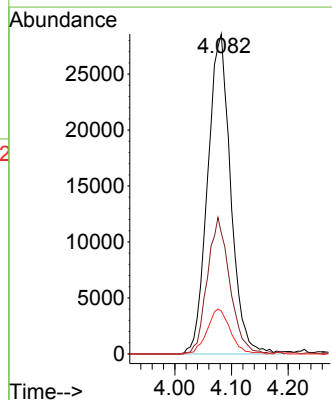
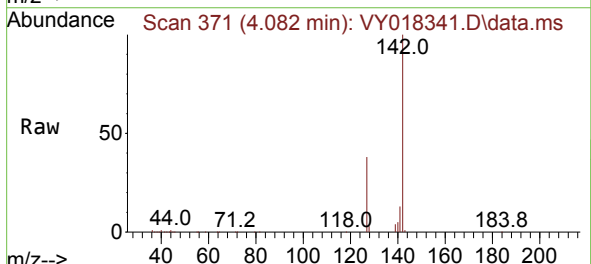
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

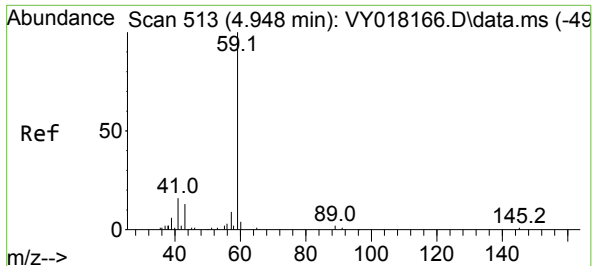
Tgt Ion:101 Resp: 68307
Ion Ratio Lower Upper
101 100
85 45.6 34.5 51.7
151 72.6 61.7 92.5



#10
Methyl Iodide
Concen: 44.015 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion:142 Resp: 80551
Ion Ratio Lower Upper
142 100
127 41.8 32.8 49.2
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 332.351 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

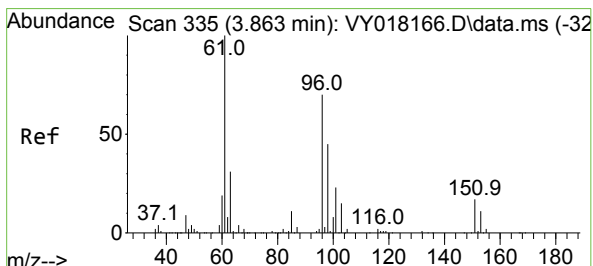
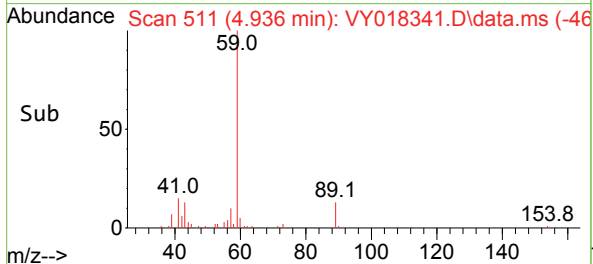
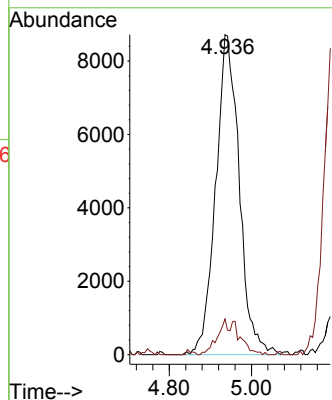
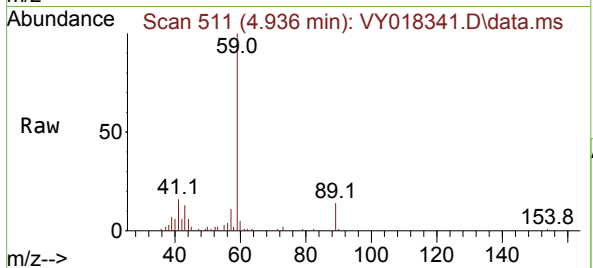
VSTDCCC050EC

Tgt Ion: 59 Resp: 34646

Ion Ratio Lower Upper

59 100

57 5.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 42.711 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

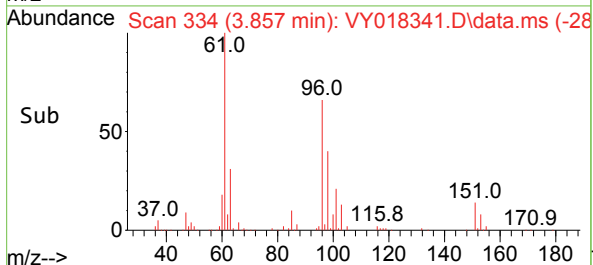
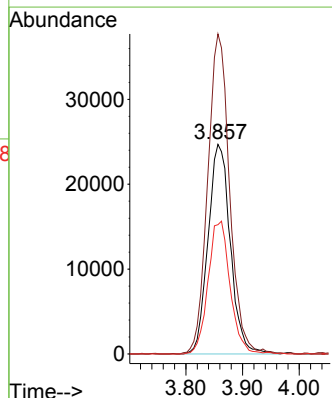
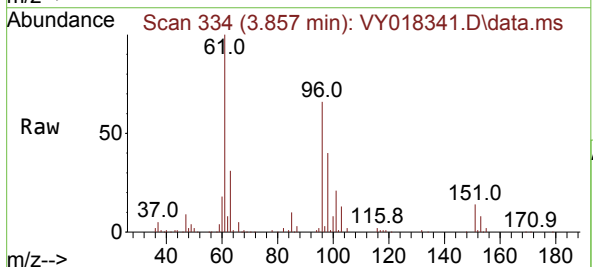
Tgt Ion: 96 Resp: 67384

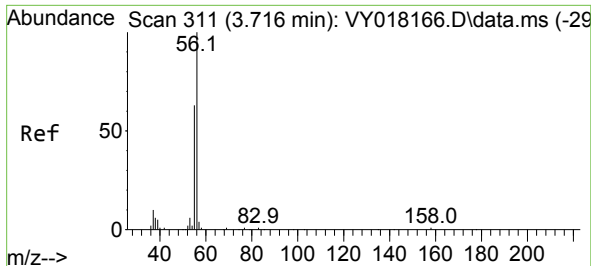
Ion Ratio Lower Upper

96 100

61 152.7 114.6 171.8

98 61.7 50.8 76.2

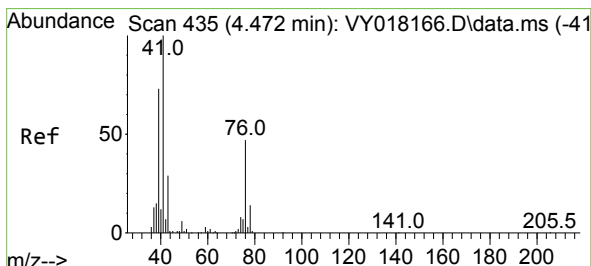
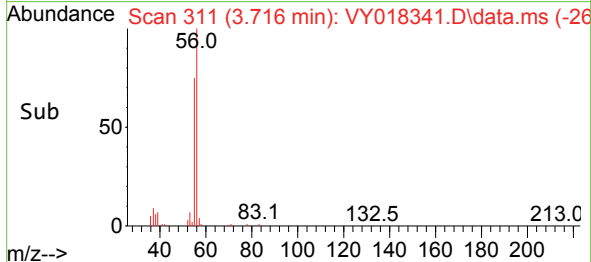
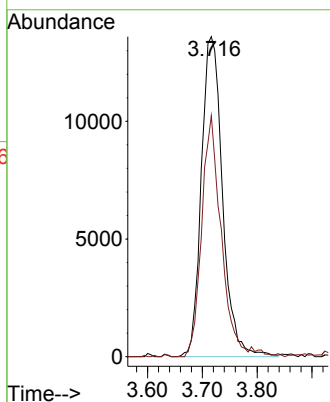
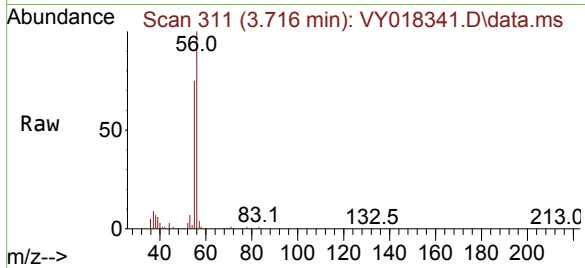




#13
Acrolein
Concen: 311.686 ug/l
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

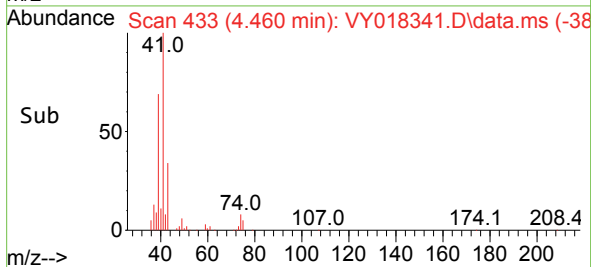
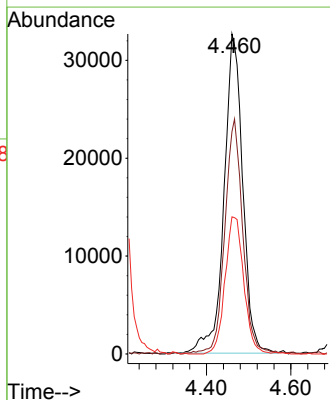
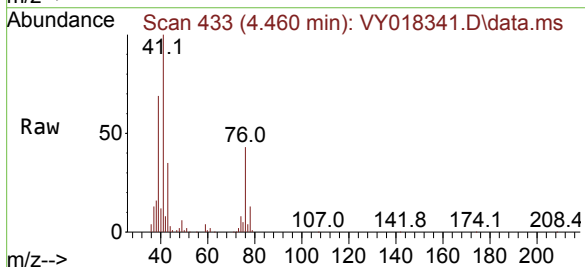
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

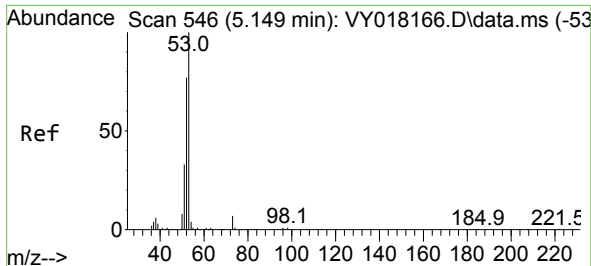
Tgt Ion: 56 Resp: 36423
Ion Ratio Lower Upper
56 100
55 68.4 55.7 83.5



#14
Allyl chloride
Concen: 50.033 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.012 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 41 Resp: 100420
Ion Ratio Lower Upper
41 100
39 71.0 58.3 87.5
76 42.9 39.0 58.6





#15

Acrylonitrile

Concen: 291.557 ug/l

RT: 5.149 min Scan# 54

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

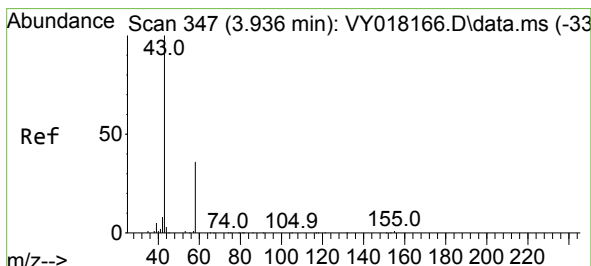
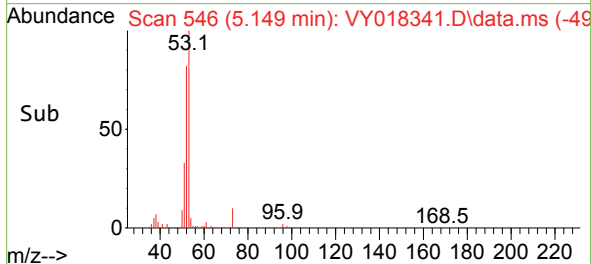
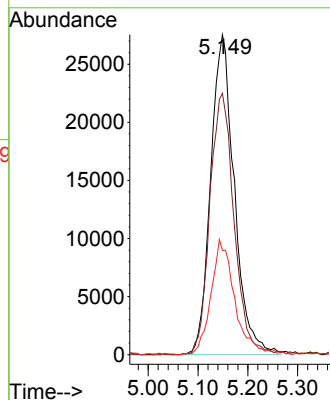
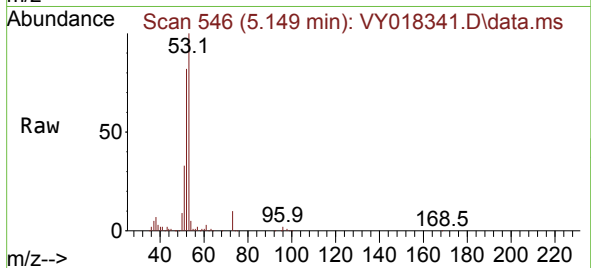
Tgt Ion: 53 Resp: 90764

Ion Ratio Lower Upper

53 100

52 83.5 64.7 97.1

51 36.2 28.4 42.6



#16

Acetone

Concen: 332.144 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018341.D

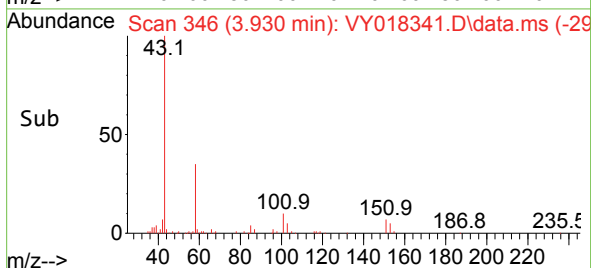
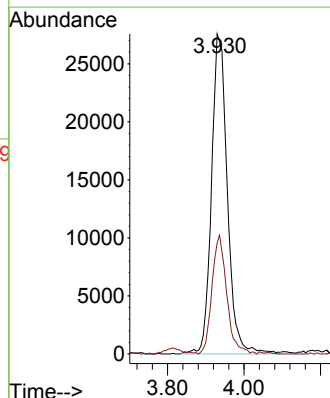
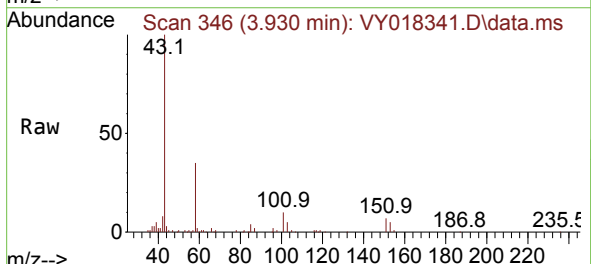
Acq: 20 May 2024 18:02

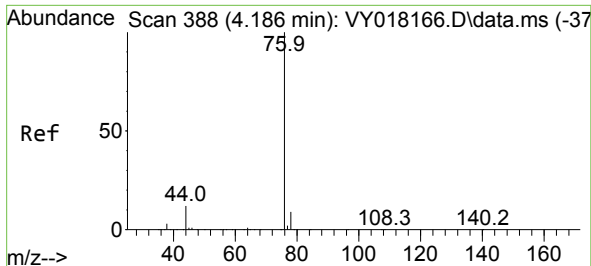
Tgt Ion: 43 Resp: 79549

Ion Ratio Lower Upper

43 100

58 34.7 31.7 47.5

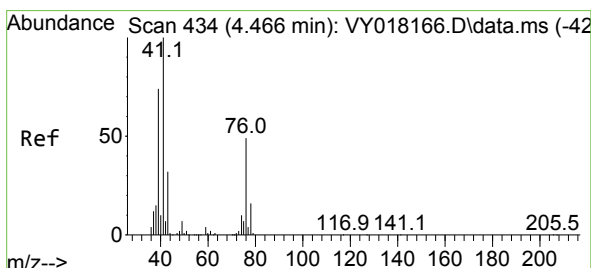
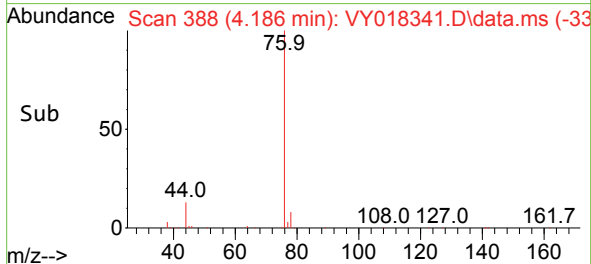
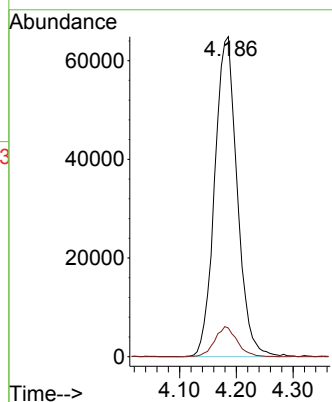
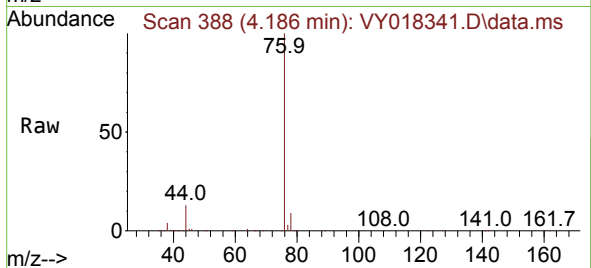




#17
Carbon Disulfide
Concen: 41.624 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

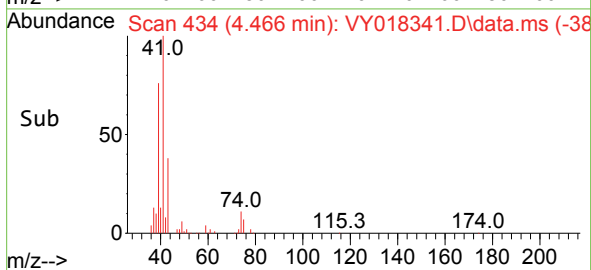
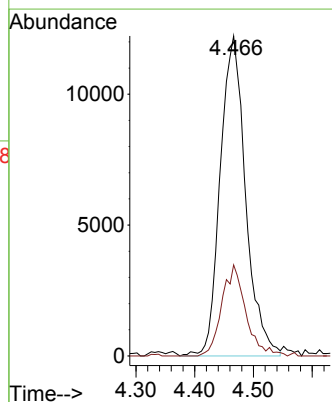
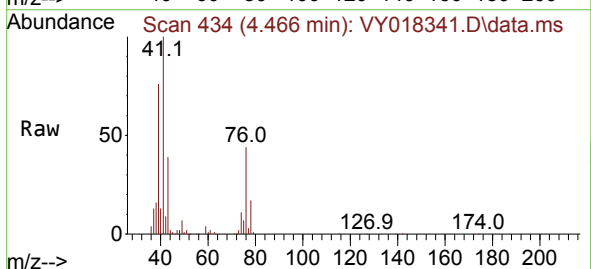
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

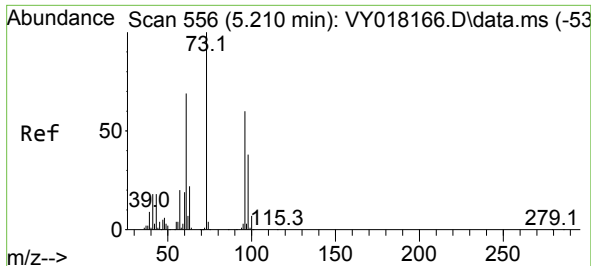
Tgt Ion: 76 Resp: 178775
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 53.780 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 43 Resp: 36691
Ion Ratio Lower Upper
43 100
74 26.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 52.547 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

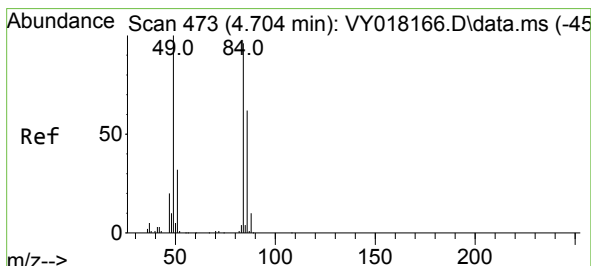
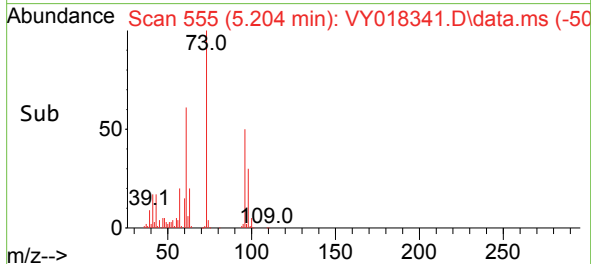
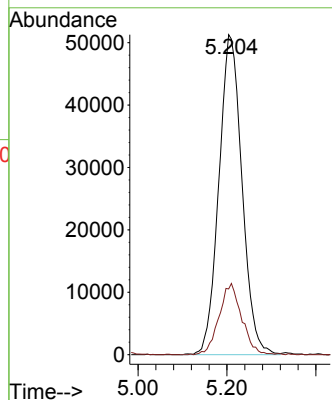
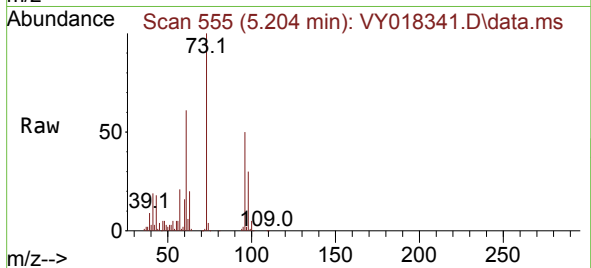
VSTDCCC050EC

Tgt Ion: 73 Resp: 184670

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 49.494 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Tgt Ion: 84 Resp: 83785

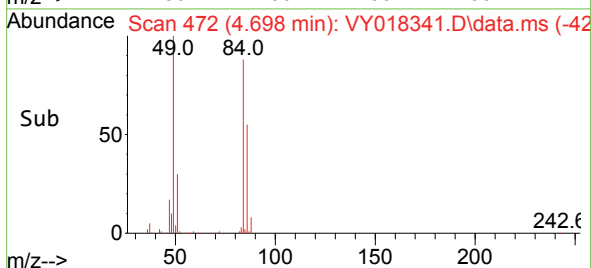
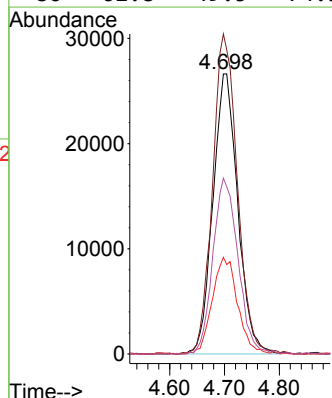
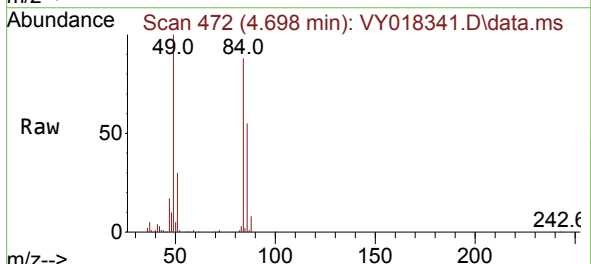
Ion Ratio Lower Upper

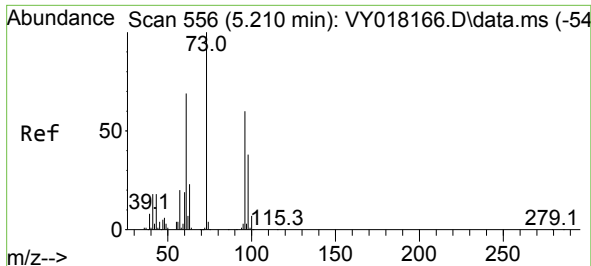
84 100

49 114.0 84.4 126.6

51 34.5 26.0 39.0

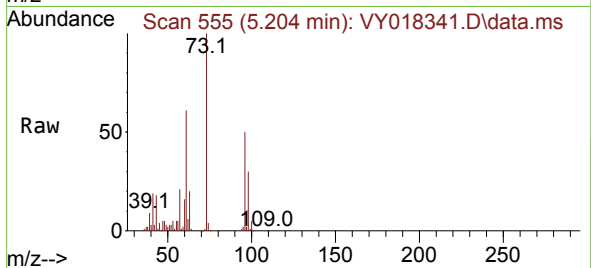
86 62.8 49.5 74.3



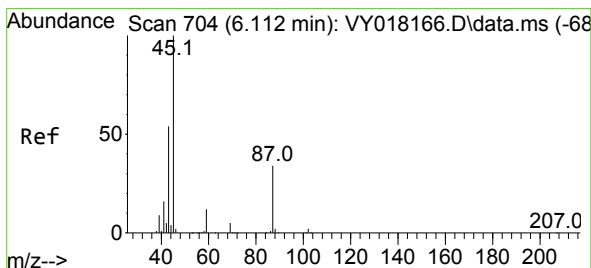
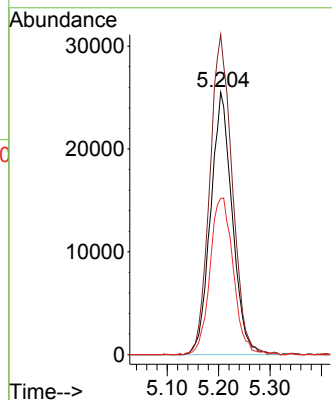
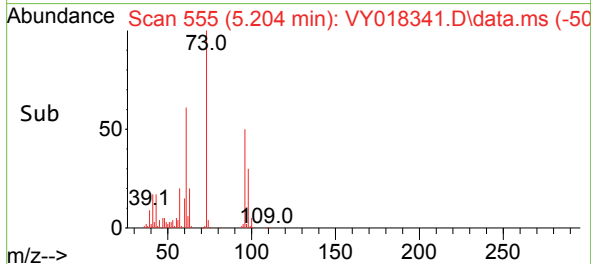


#21
trans-1,2-Dichloroethene
Concen: 44.714 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

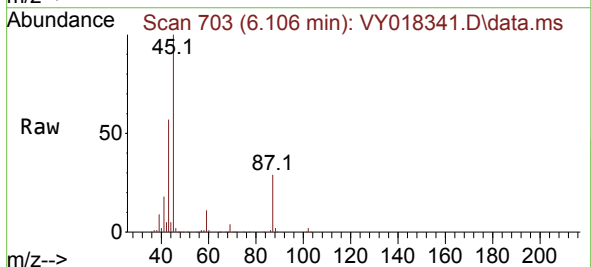
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



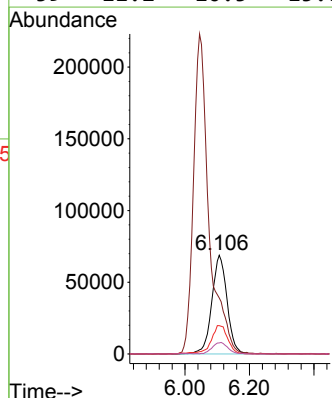
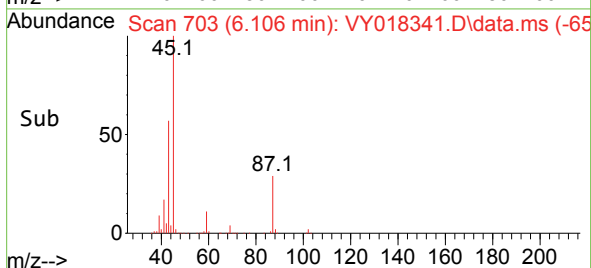
Tgt Ion: 96 Resp: 74778
Ion Ratio Lower Upper
96 100
61 122.0 97.5 146.3
98 59.6 50.5 75.7

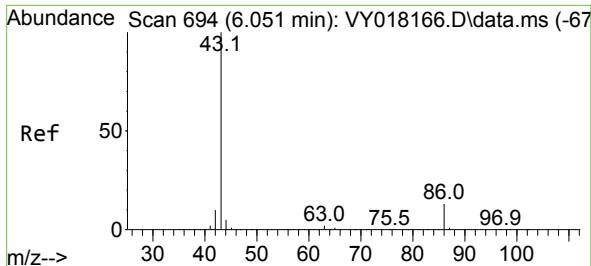


#22
Diisopropyl ether
Concen: 53.153 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02



Tgt Ion: 45 Resp: 226305
Ion Ratio Lower Upper
45 100
43 56.3 42.2 63.2
87 28.7 25.0 37.6
59 11.2 10.5 15.7

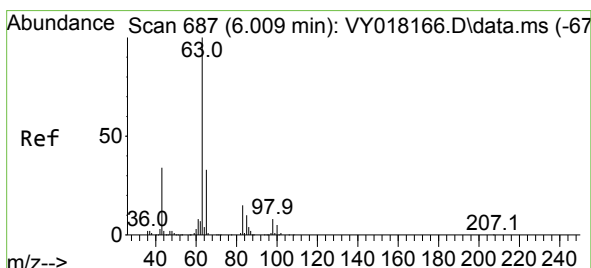
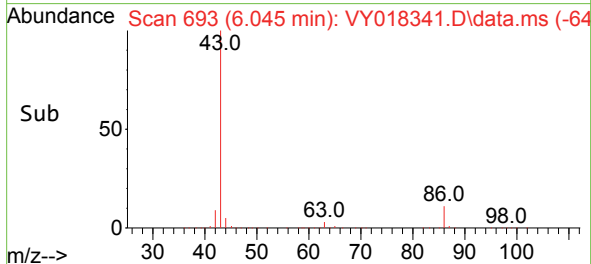
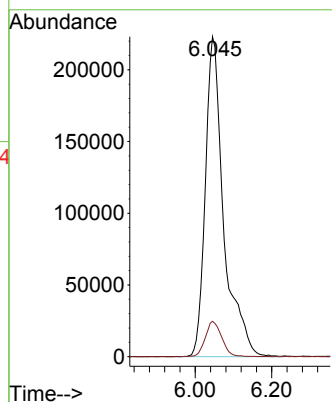
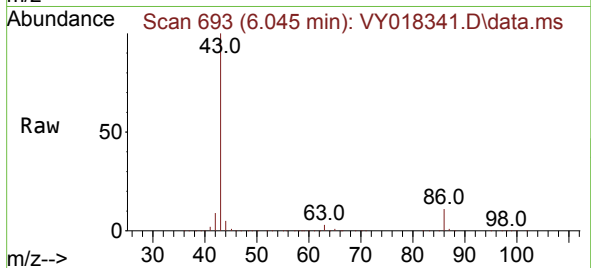




#23
 Vinyl Acetate
 Concen: 287.660 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY018341.D
 Acq: 20 May 2024 18:02

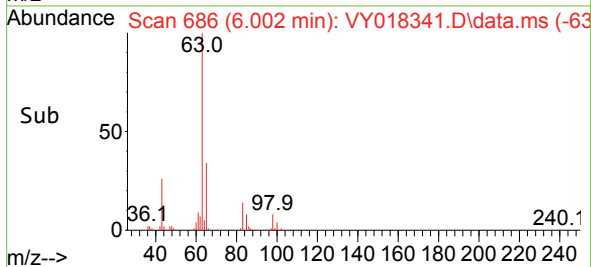
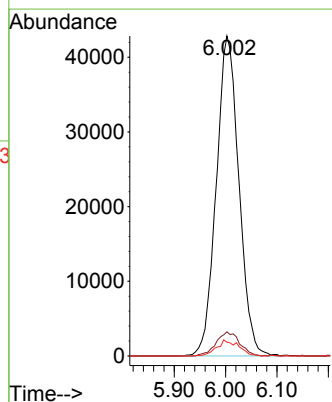
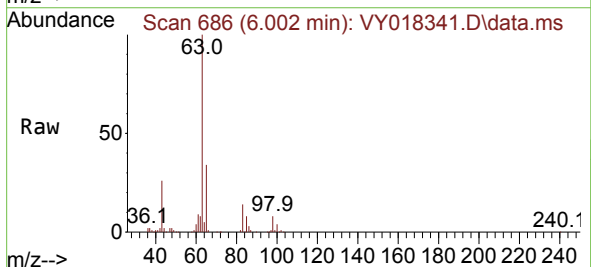
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

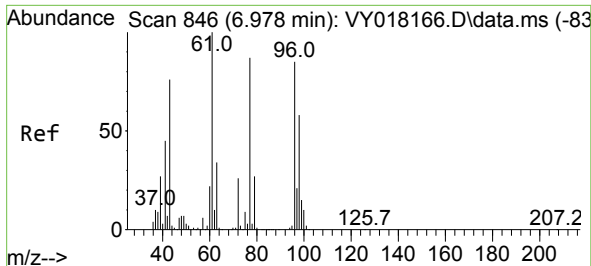
Tgt Ion: 43 Resp: 744395
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.015 ug/l
 RT: 6.002 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY018341.D
 Acq: 20 May 2024 18:02

Tgt Ion: 63 Resp: 131156
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.3 2.6 8.0

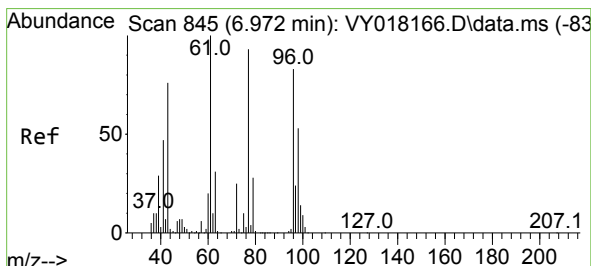
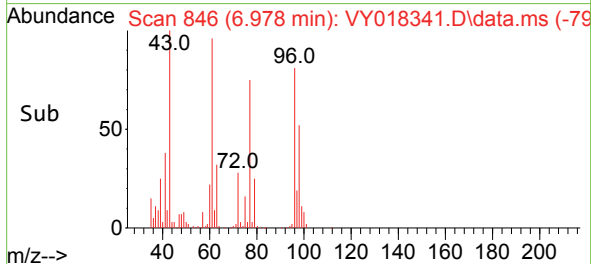
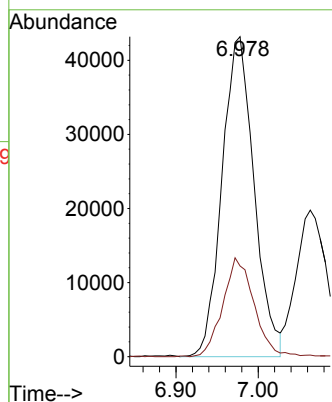
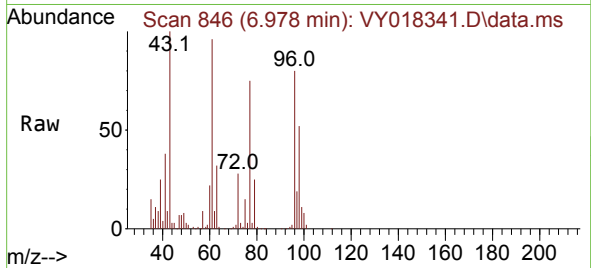




#25
2-Butanone
Concen: 305.792 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

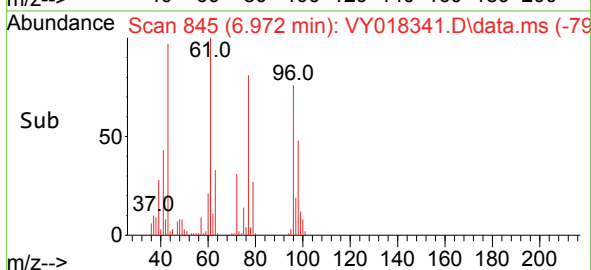
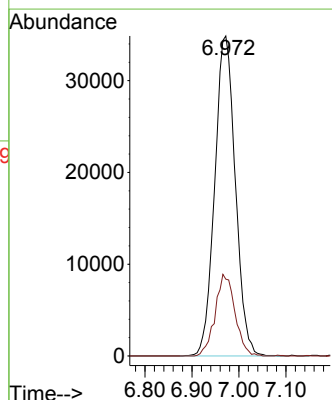
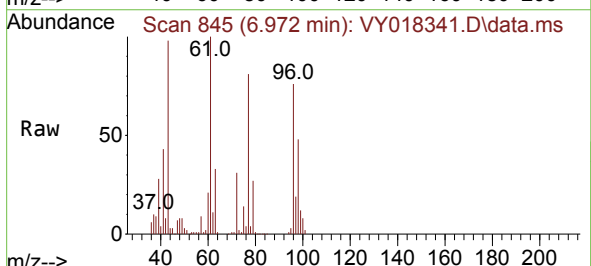
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

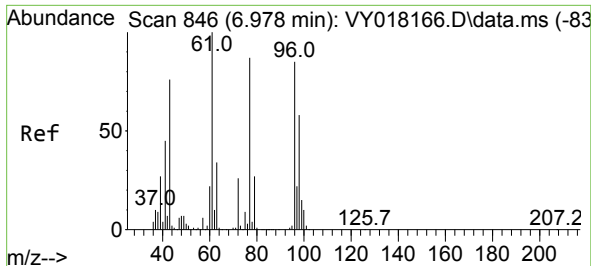
Tgt Ion: 43 Resp: 117070
Ion Ratio Lower Upper
43 100
72 28.2 27.3 40.9



#26
2,2-Dichloropropane
Concen: 44.755 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 77 Resp: 106222
Ion Ratio Lower Upper
77 100
97 24.6 12.0 36.1

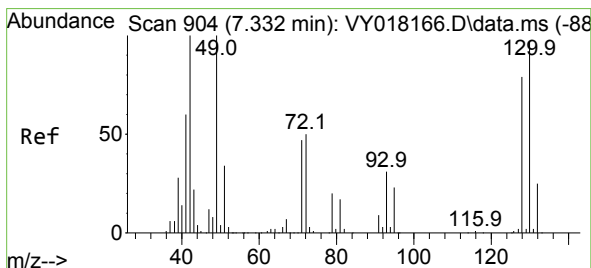
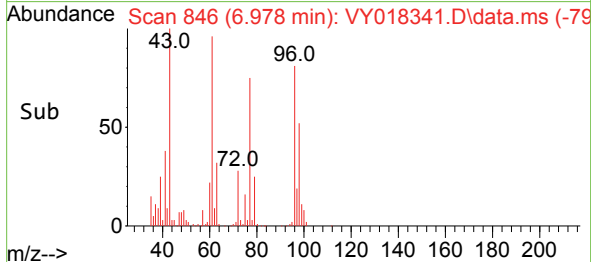
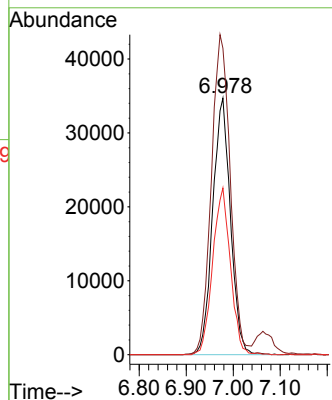
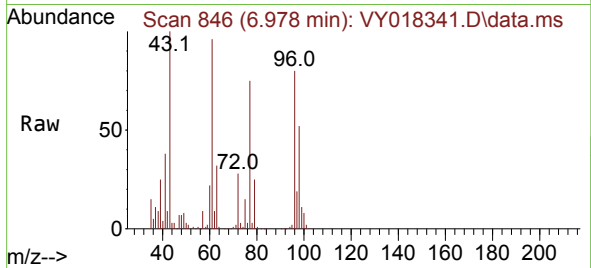




#27
 cis-1,2-Dichloroethene
 Concen: 46.147 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY018341.D
 Acq: 20 May 2024 18:02

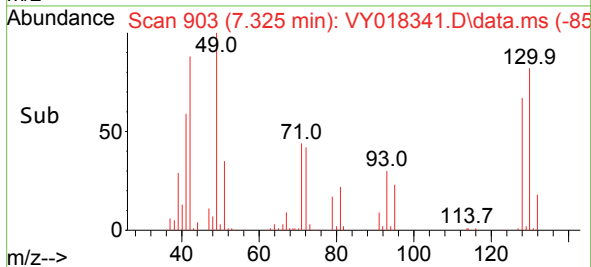
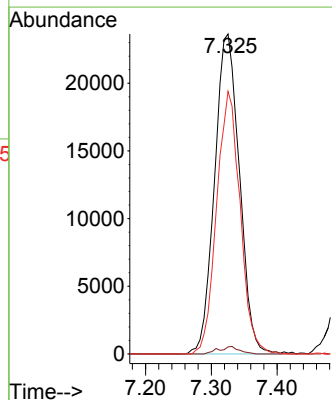
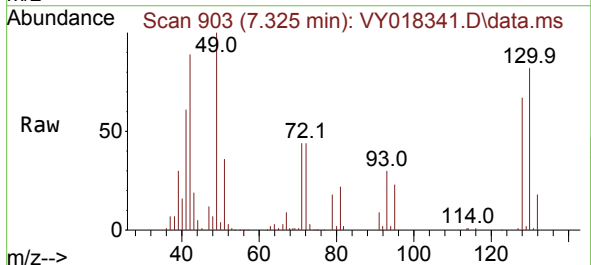
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

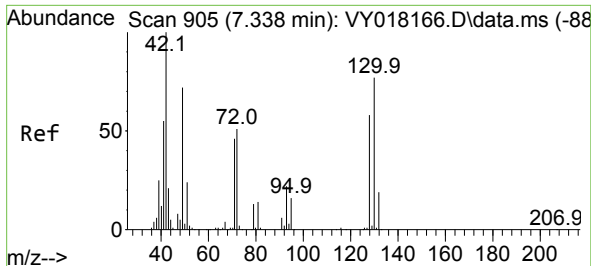
Tgt Ion: 96 Resp: 91204
 Ion Ratio Lower Upper
 96 100
 61 133.0 0.0 256.2
 98 64.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 59.375 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018341.D
 Acq: 20 May 2024 18:02

Tgt Ion: 49 Resp: 62233
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 77.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 309.473 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

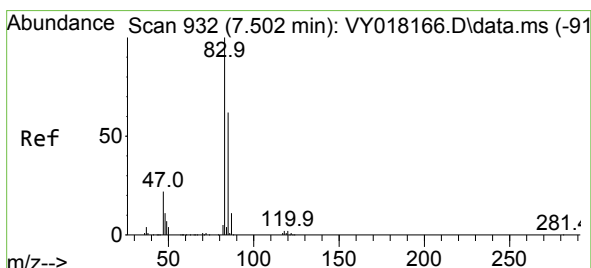
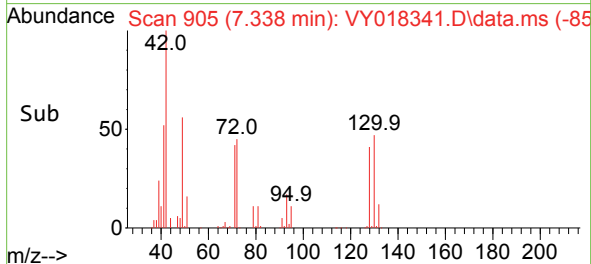
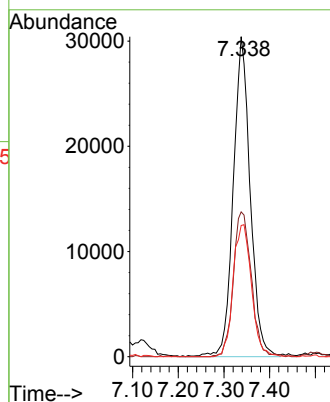
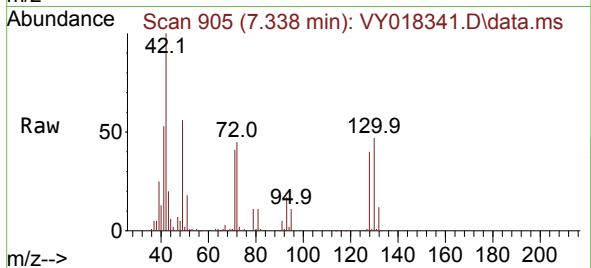
Tgt Ion: 42 Resp: 78207

Ion Ratio Lower Upper

42 100

72 47.7 43.0 64.4

71 44.7 40.8 61.2



#30

Chloroform

Concen: 49.369 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY018341.D

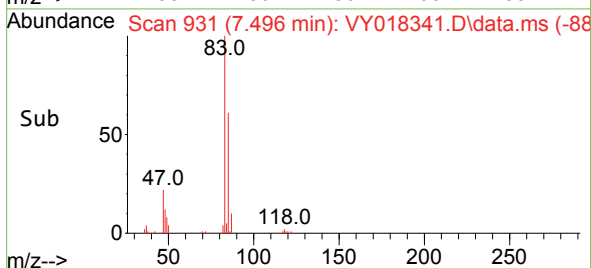
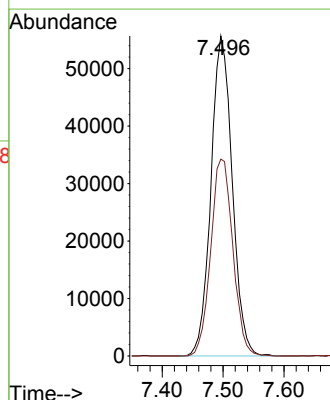
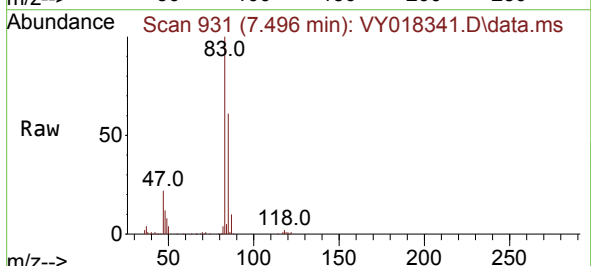
Acq: 20 May 2024 18:02

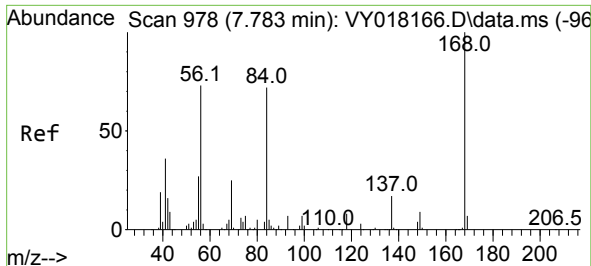
Tgt Ion: 83 Resp: 135154

Ion Ratio Lower Upper

83 100

85 61.5 52.2 78.4

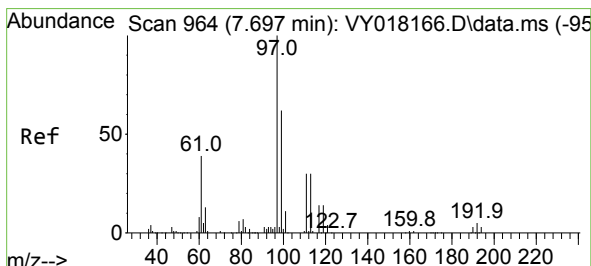
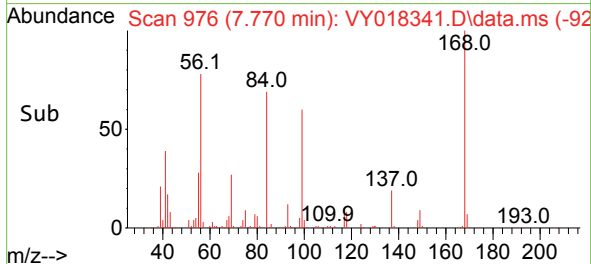
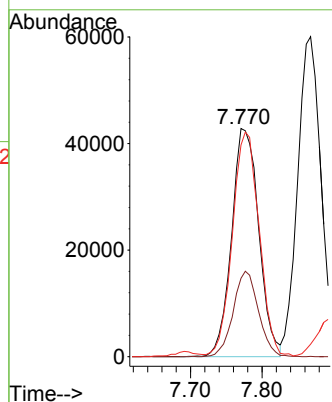
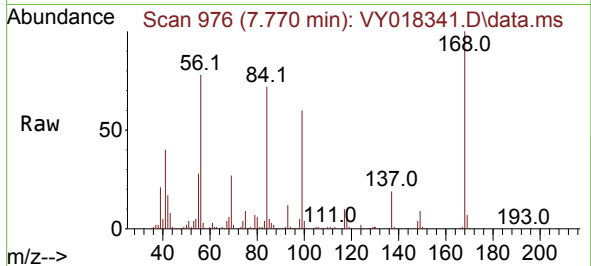




#31
Cyclohexane
Concen: 48.308 ug/l
RT: 7.770 min Scan# 911
Delta R.T. -0.013 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

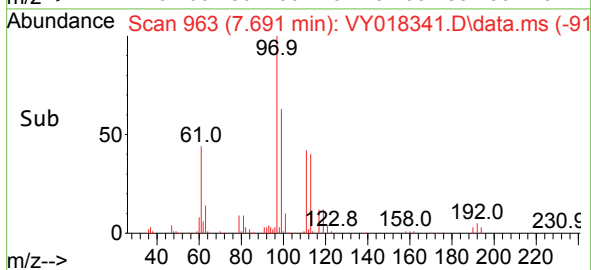
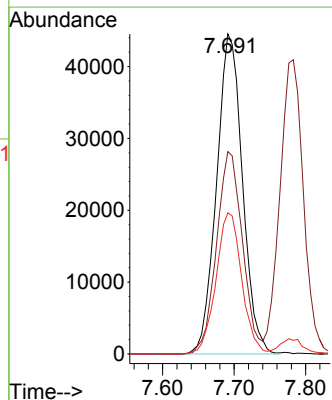
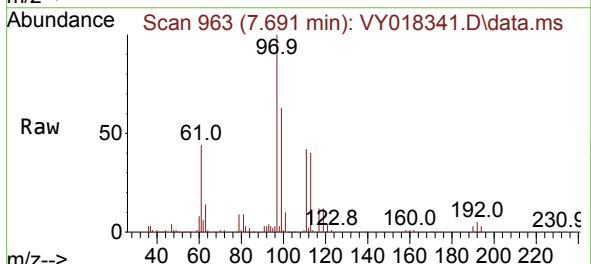
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

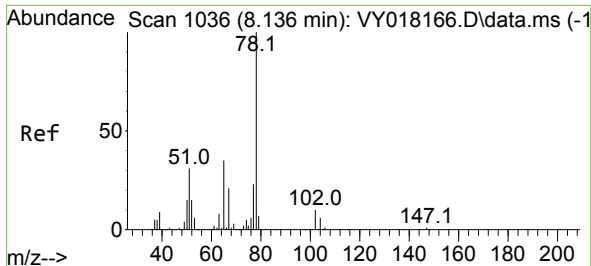
Tgt Ion: 56 Resp: 112955
Ion Ratio Lower Upper
56 100
69 34.3 28.7 43.1
84 91.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 45.681 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 97 Resp: 112088
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 43.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 65.184 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

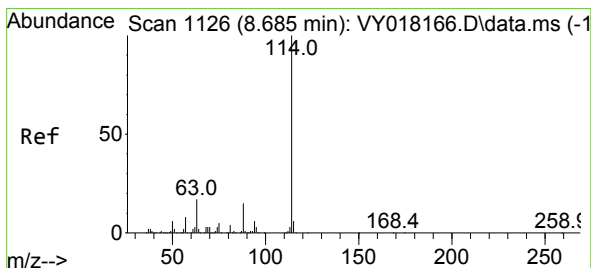
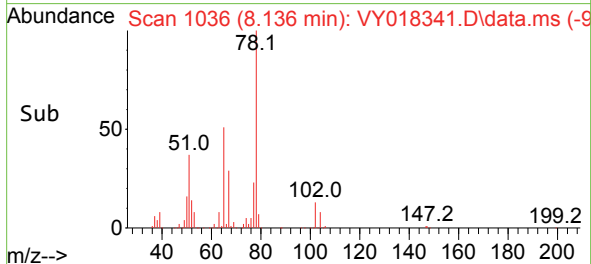
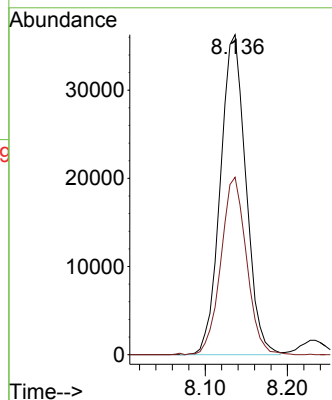
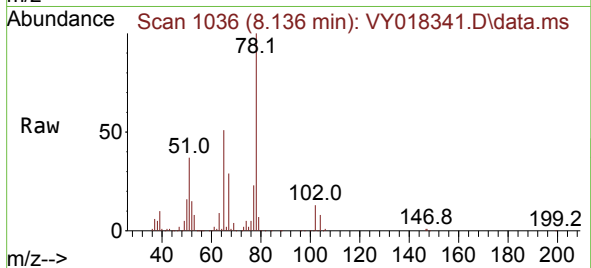
VSTDCCC050EC

Tgt Ion: 65 Resp: 78231

Ion Ratio Lower Upper

65 100

67 55.7 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: VY018341.D

Acq: 20 May 2024 18:02

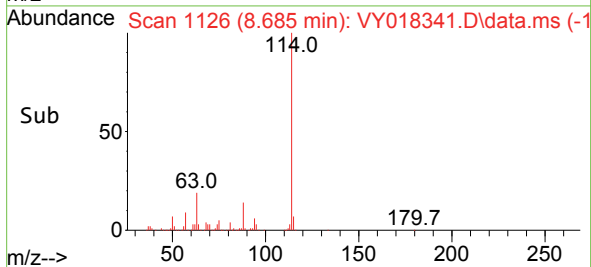
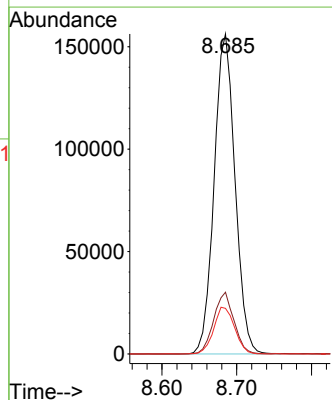
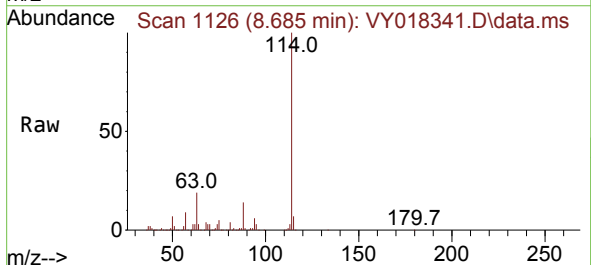
Tgt Ion: 114 Resp: 302710

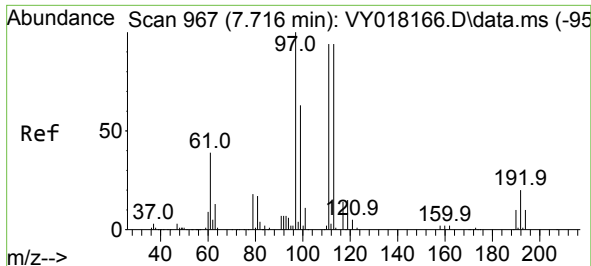
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 14.3 0.0 27.2

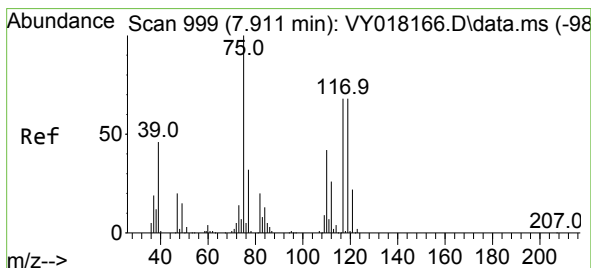
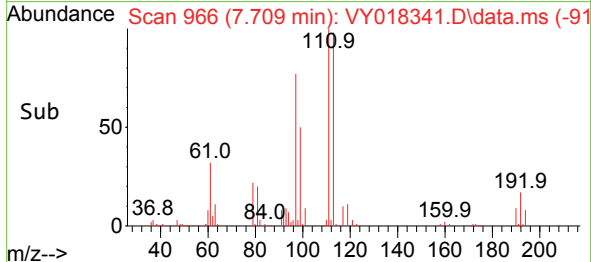
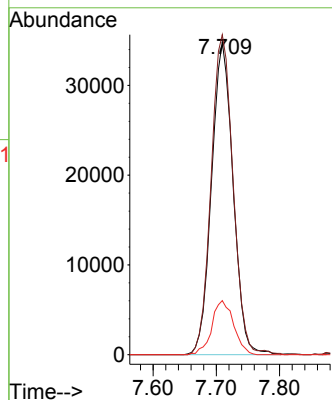
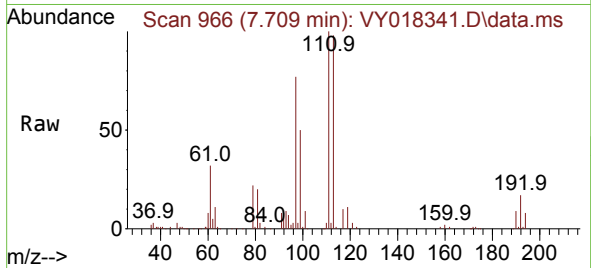




#35
Dibromofluoromethane
Concen: 51.656 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

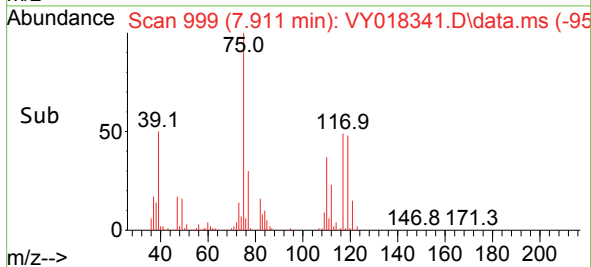
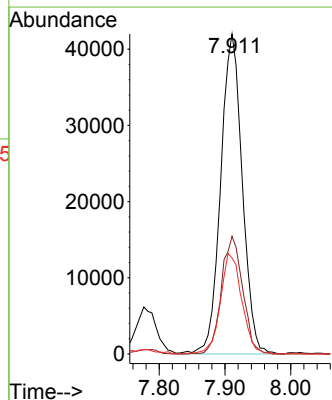
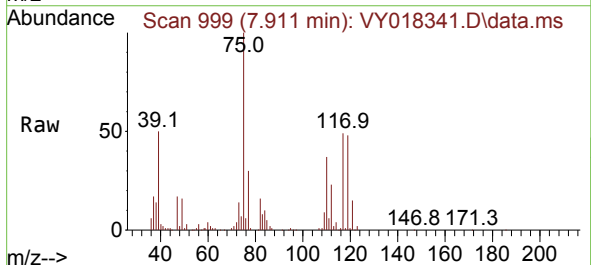
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

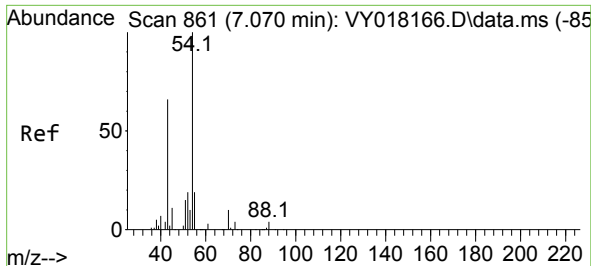
Tgt Ion:113 Resp: 82178
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 17.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 42.065 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 75 Resp: 95934
Ion Ratio Lower Upper
75 100
110 36.3 19.0 57.0
77 31.2 25.3 37.9

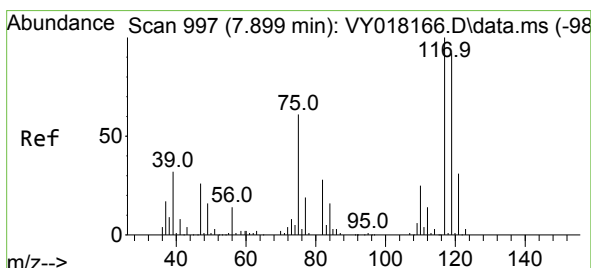
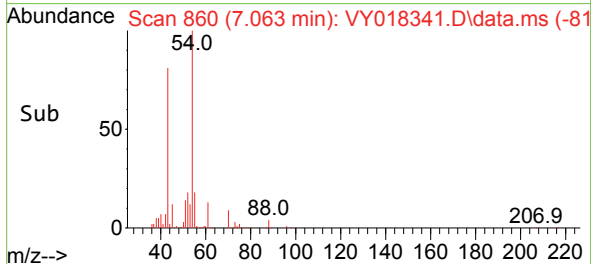
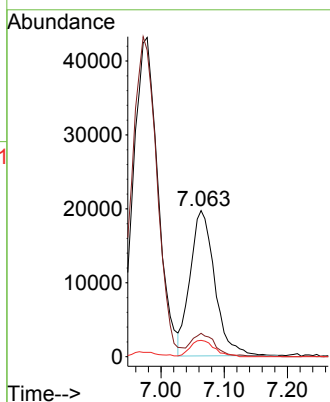
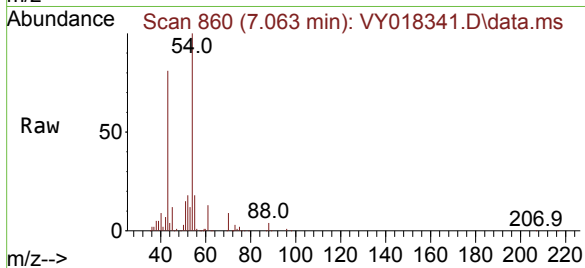




#37
Ethyl Acetate
Concen: 55.424 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

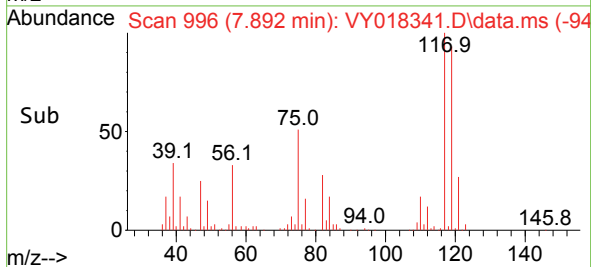
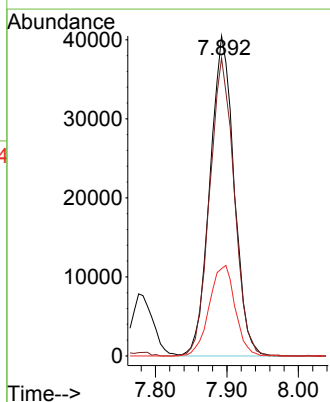
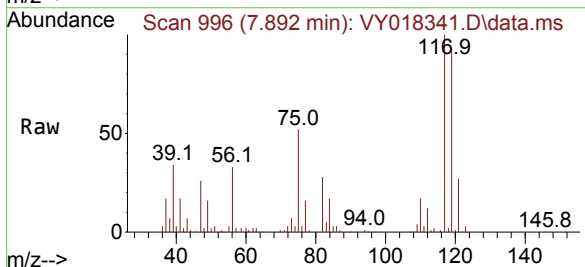
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

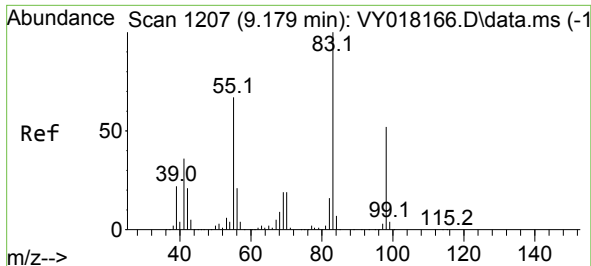
Tgt Ion: 43 Resp: 53201
Ion Ratio Lower Upper
43 100
61 14.9 12.6 19.0
70 11.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 38.142 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 117 Resp: 95050
Ion Ratio Lower Upper
117 100
119 92.9 75.8 113.6
121 27.3 24.0 36.0

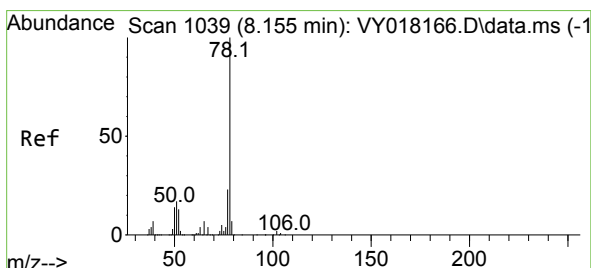
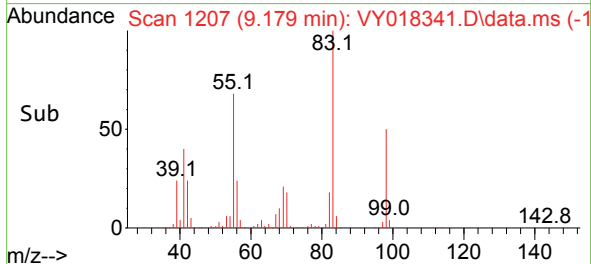
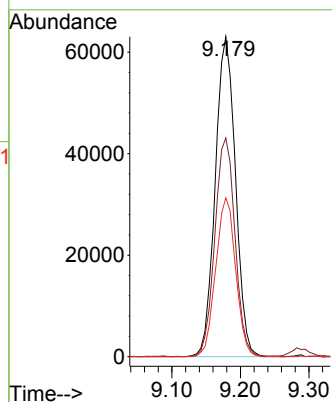
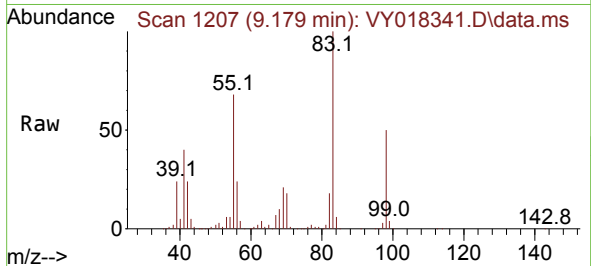




#39
Methylcyclohexane
Concen: 39.198 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

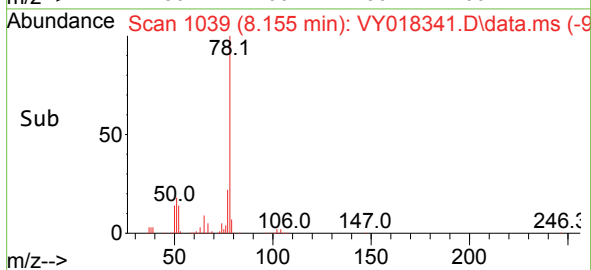
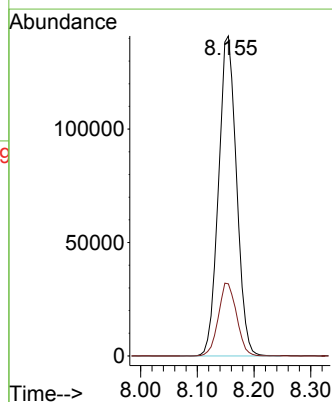
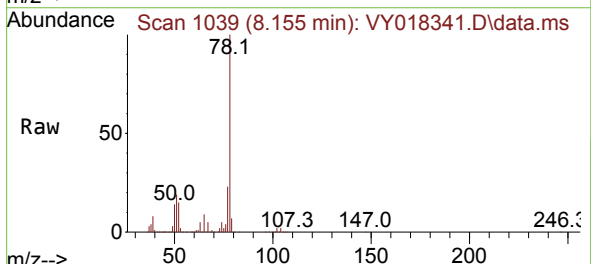
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

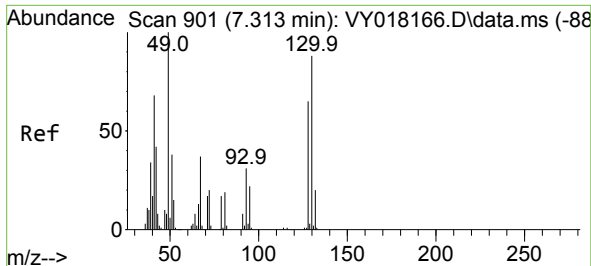
Tgt Ion: 83 Resp: 128969
Ion Ratio Lower Upper
83 100
55 68.3 51.5 77.3
98 49.7 40.5 60.7



#40
Benzene
Concen: 42.349 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 78 Resp: 310673
Ion Ratio Lower Upper
78 100
77 22.6 19.5 29.3

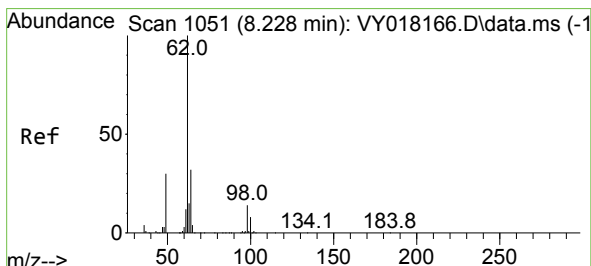
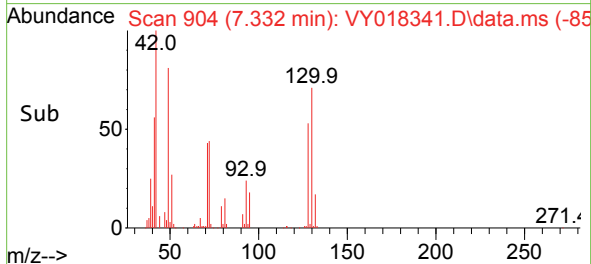
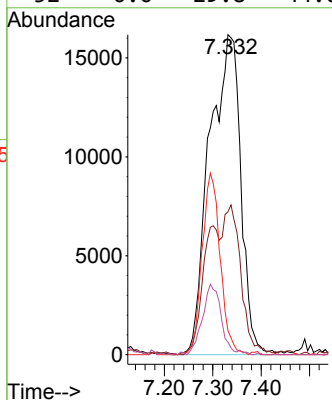
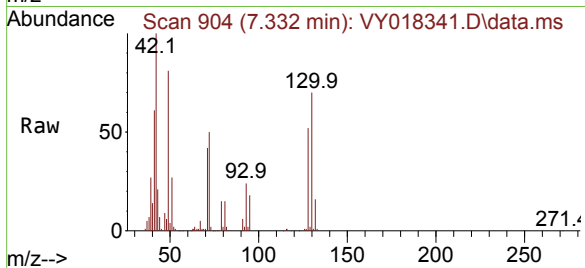




#41
Methacrylonitrile
Concen: 130.971 ug/l
RT: 7.332 min Scan# 901
Delta R.T. 0.018 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

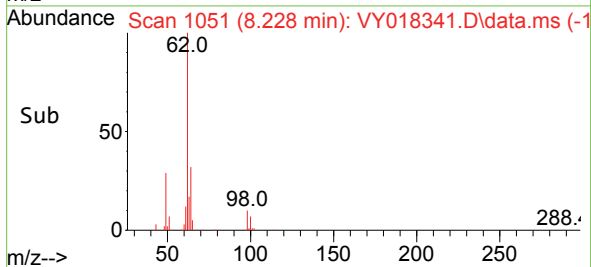
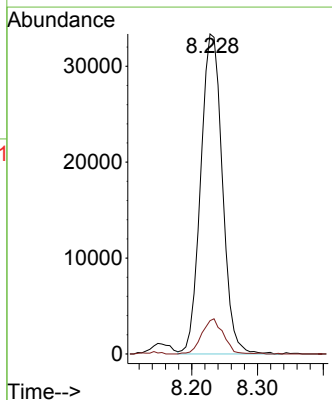
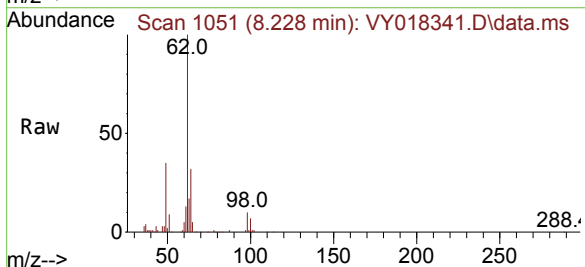
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

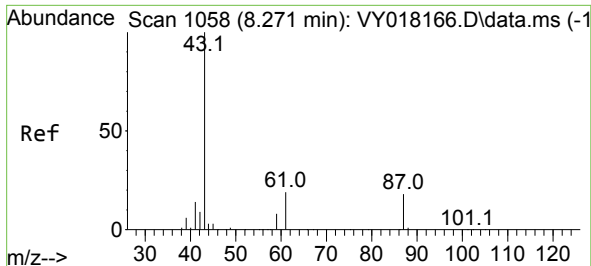
Tgt Ion:	41	Resp:	72597
Ion	Ratio	Lower	Upper
41	100		
39	24.6	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 47.870 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion:	62	Resp:	76407
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0

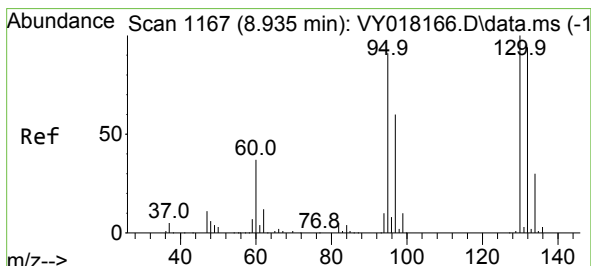
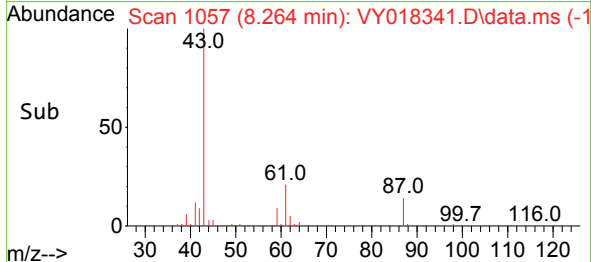
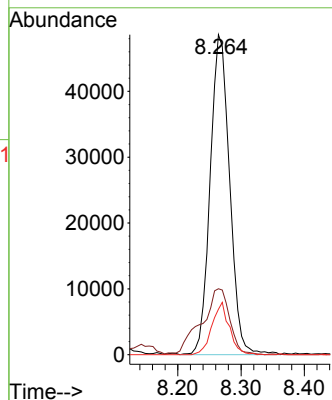
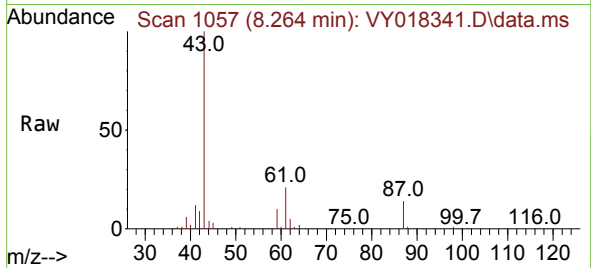




#43
Isopropyl Acetate
Concen: 52.848 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

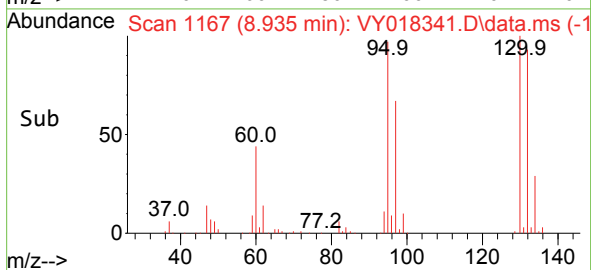
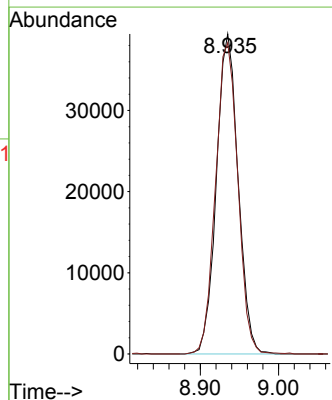
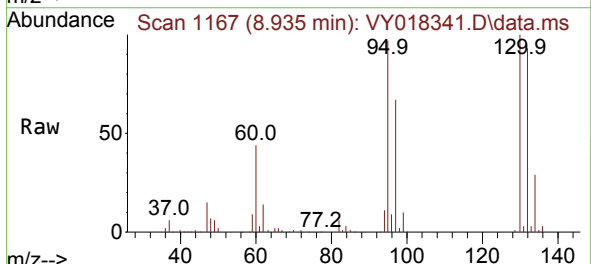
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

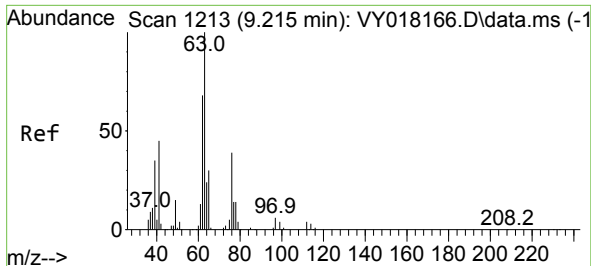
Tgt Ion: 43 Resp: 103980
Ion Ratio Lower Upper
43 100
61 29.6 27.9 41.9
87 14.6 13.1 19.7



#44
Trichloroethene
Concen: 38.073 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion:130 Resp: 76033
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.0

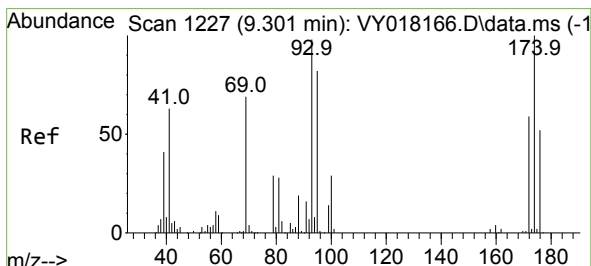
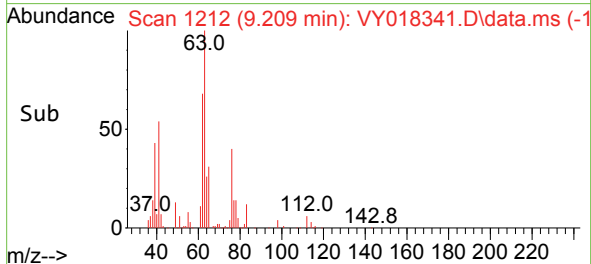
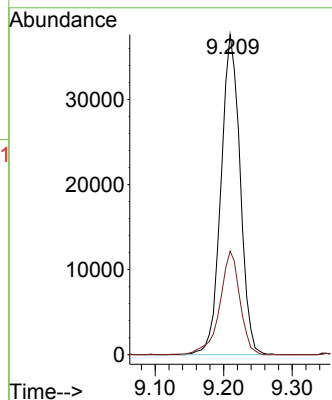
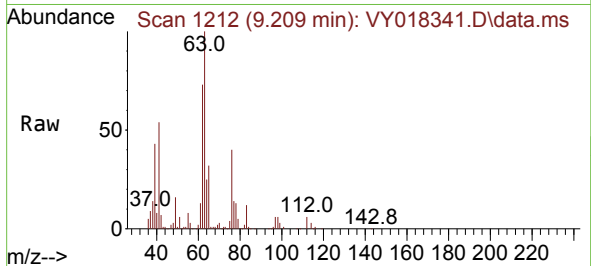




#45
1,2-Dichloropropane
Concen: 45.294 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

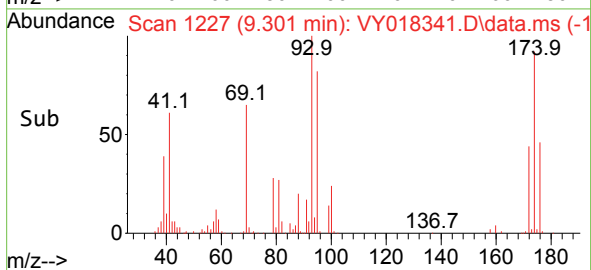
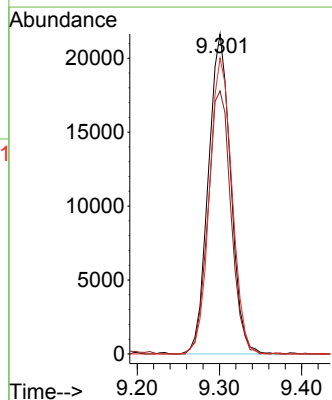
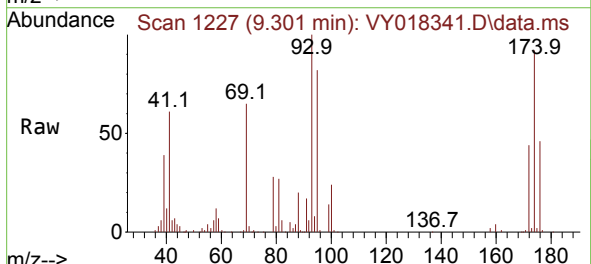
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

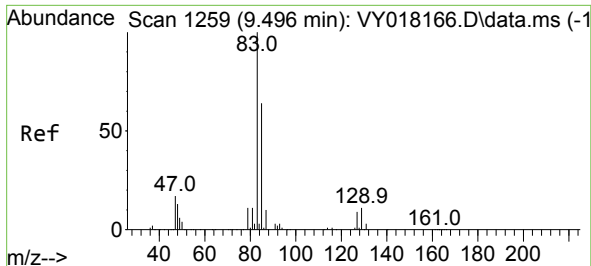
Tgt Ion: 63 Resp: 72643
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.2



#46
Dibromomethane
Concen: 44.299 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 93 Resp: 40844
Ion Ratio Lower Upper
93 100
95 84.3 66.2 99.4
174 93.0 80.9 121.3

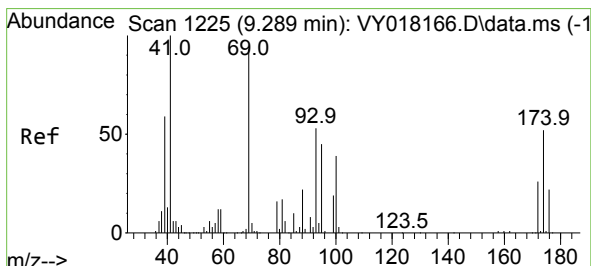
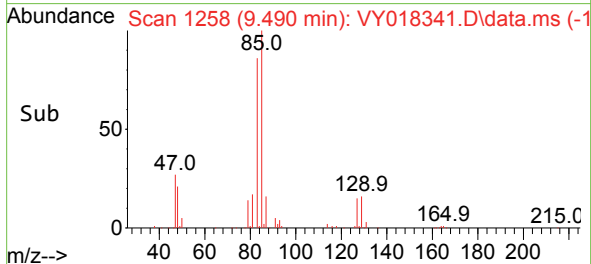
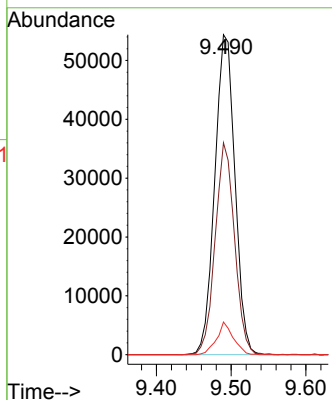
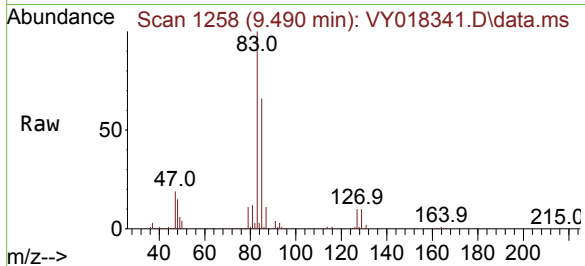




#47
Bromodichloromethane
Concen: 44.707 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

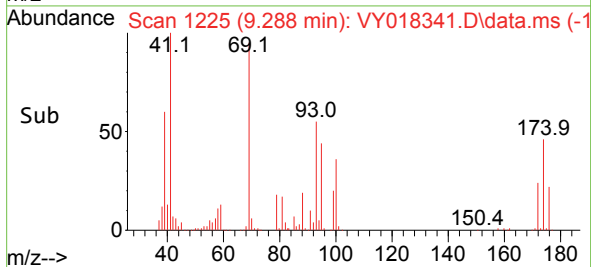
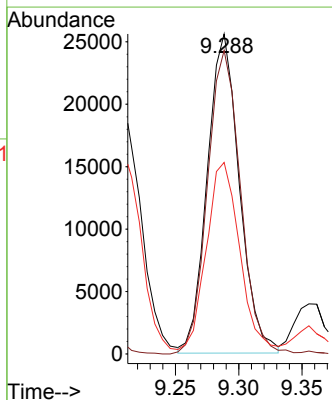
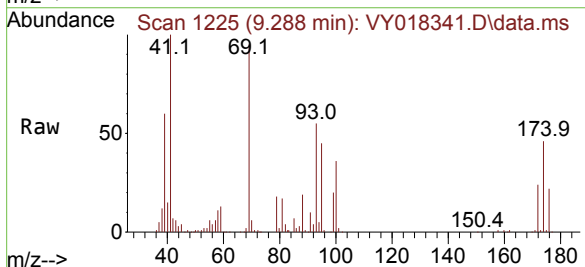
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

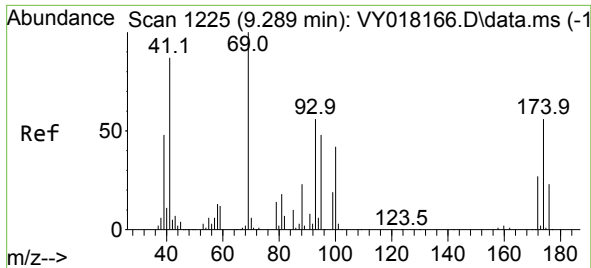
Tgt Ion: 83 Resp: 101904
Ion Ratio Lower Upper
83 100
85 66.2 50.1 75.1
127 10.2 7.4 11.0



#48
Methyl methacrylate
Concen: 50.118 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 41 Resp: 45194
Ion Ratio Lower Upper
41 100
69 97.6 84.1 126.1
39 60.5 43.6 65.4

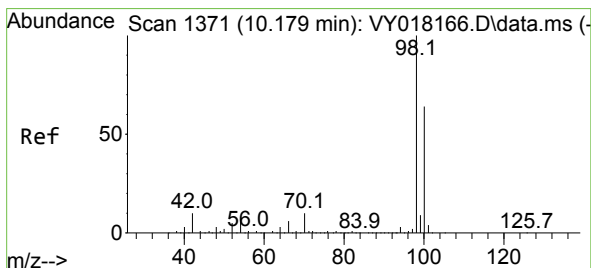
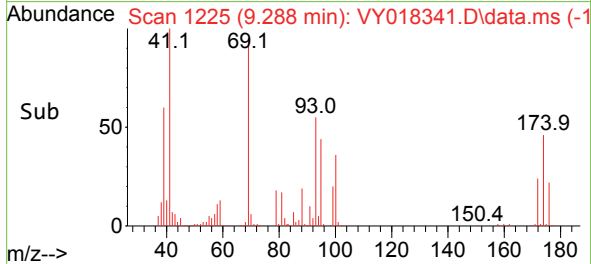
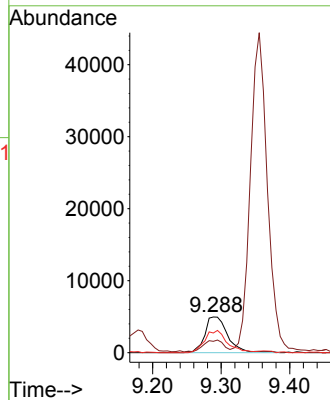
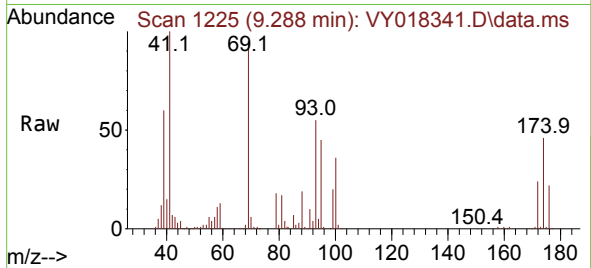




#49
1,4-Dioxane
Concen: 952.485 ug/l
RT: 9.288 min Scan# 11657
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

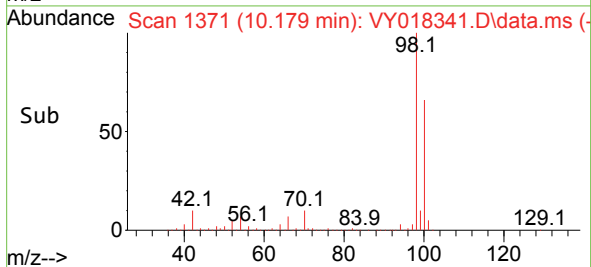
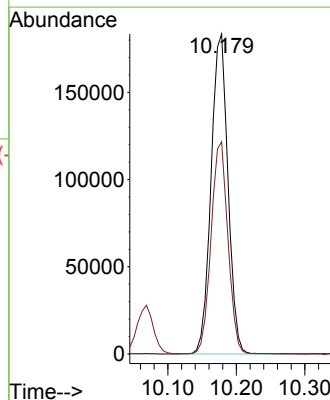
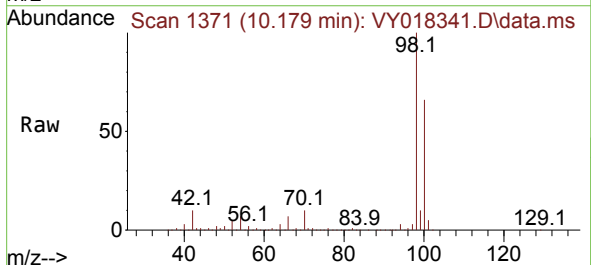
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

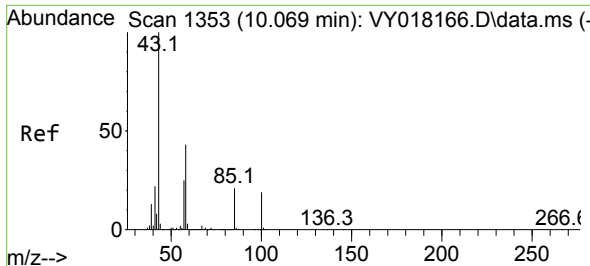
Tgt Ion: 88 Resp: 11657
Ion Ratio Lower Upper
88 100
43 28.8 0.0 0.0#
58 61.2 49.3 73.9



#50
Toluene-d8
Concen: 50.062 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 98 Resp: 313842
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

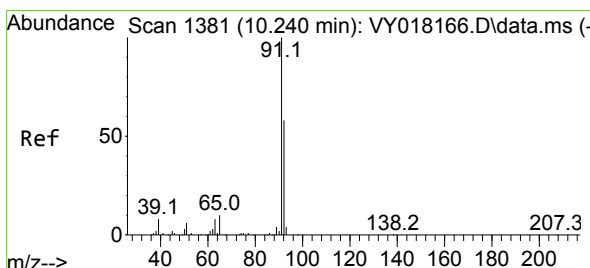
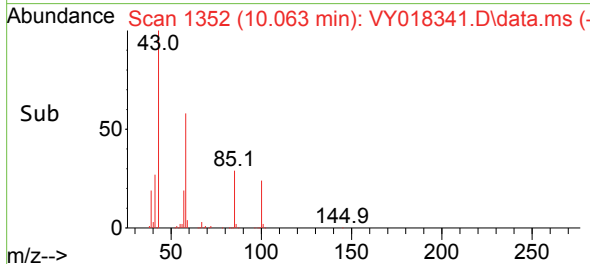
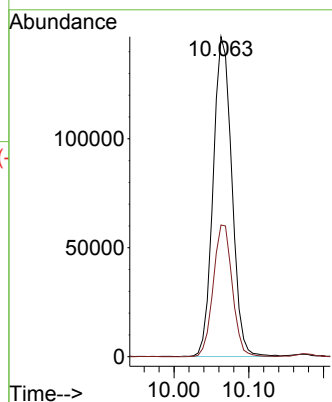
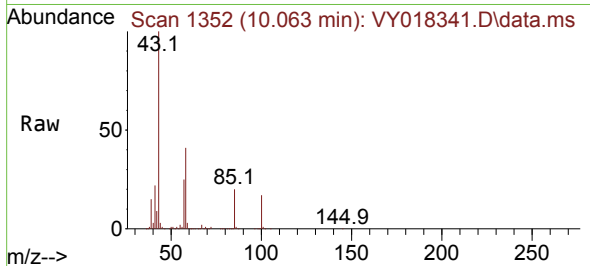




#51
4-Methyl-2-Pentanone
Concen: 258.084 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

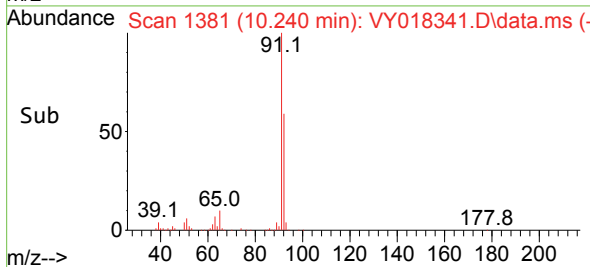
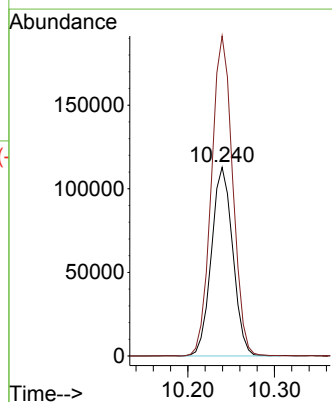
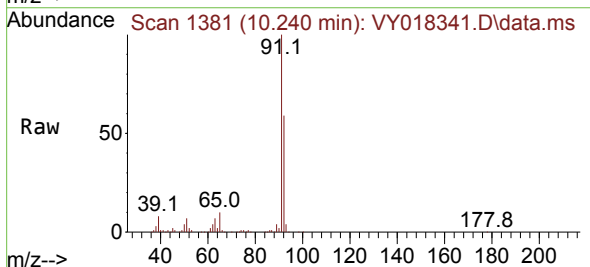
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

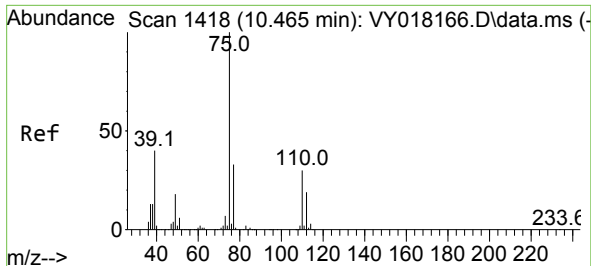
Tgt Ion: 43 Resp: 255219
Ion Ratio Lower Upper
43 100
58 42.1 35.7 53.5



#52
Toluene
Concen: 40.932 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 92 Resp: 193311
Ion Ratio Lower Upper
92 100
91 169.3 139.0 208.6

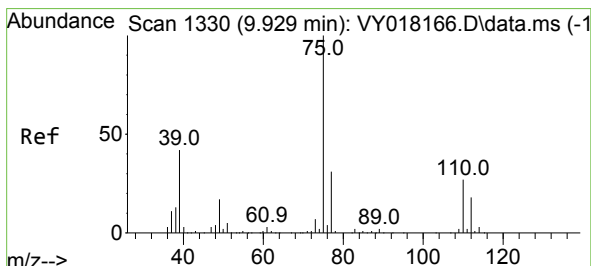
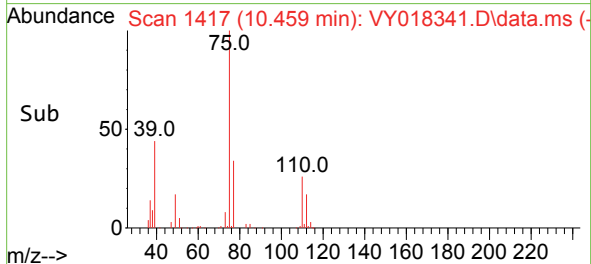
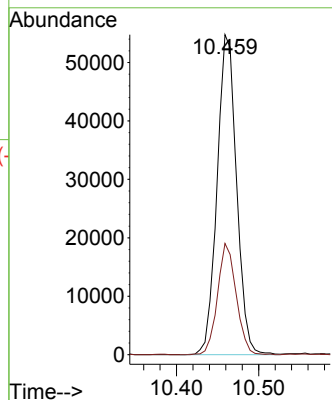
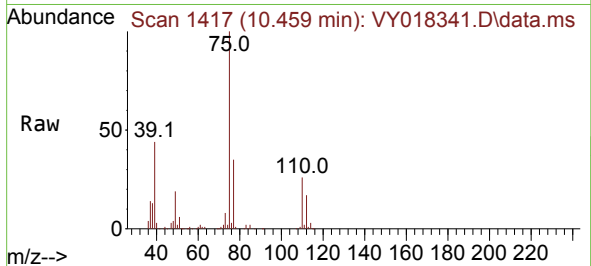




#53
t-1,3-Dichloropropene
Concen: 42.314 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

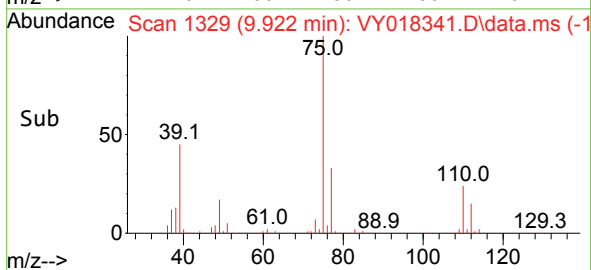
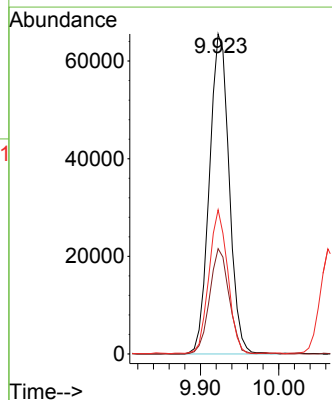
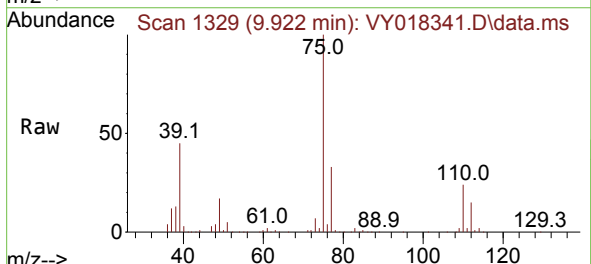
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

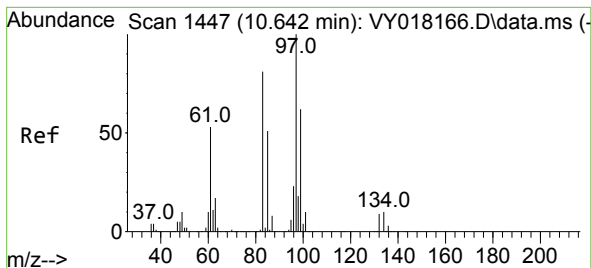
Tgt Ion: 75 Resp: 90088
Ion Ratio Lower Upper
75 100
77 34.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 44.115 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 75 Resp: 114810
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 44.8 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 44.843 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 56797

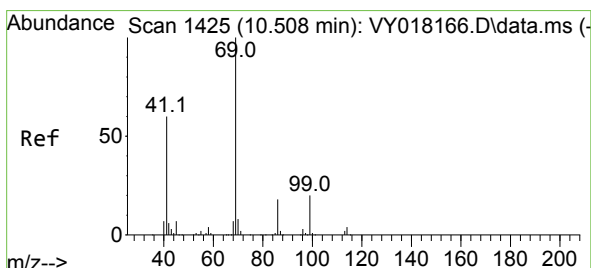
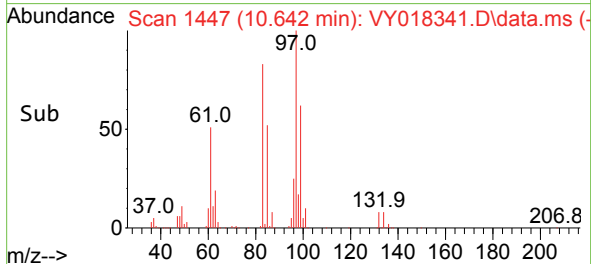
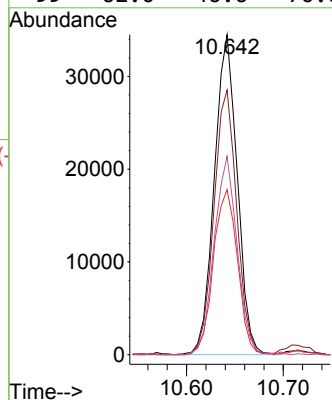
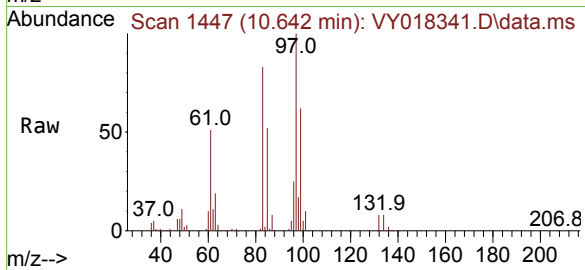
Ion Ratio Lower Upper

97 100

83 82.5 67.5 101.3

85 51.6 42.9 64.3

99 62.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 45.746 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

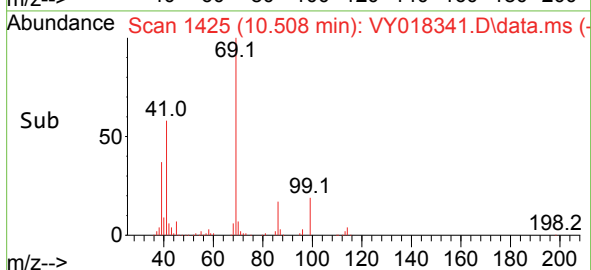
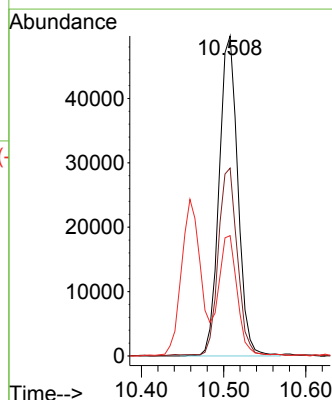
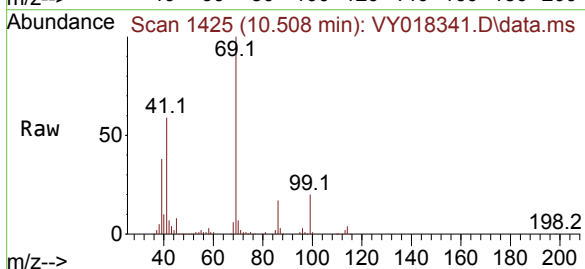
Tgt Ion: 69 Resp: 78691

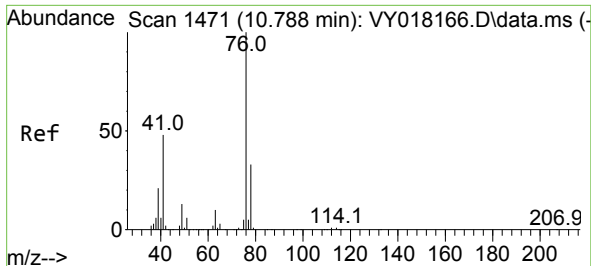
Ion Ratio Lower Upper

69 100

41 59.0 42.3 63.5

39 36.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 45.696 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

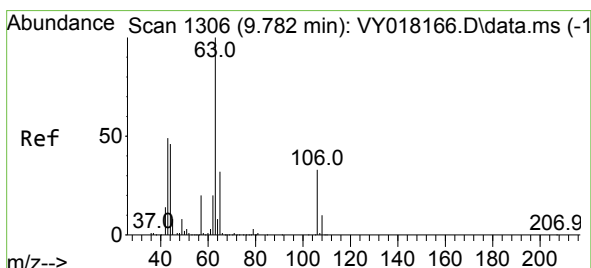
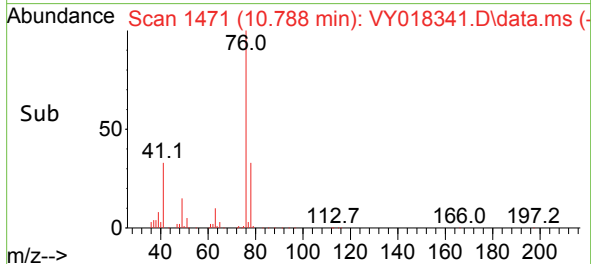
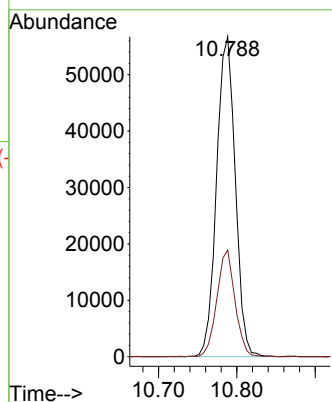
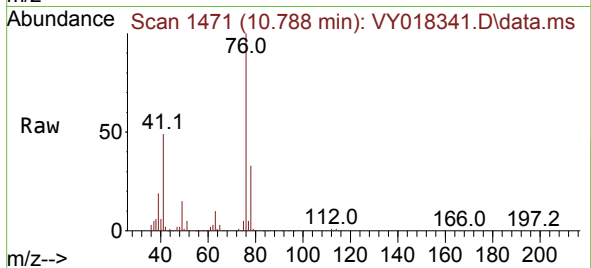
VSTDCCC050EC

Tgt Ion: 76 Resp: 94197

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 193.004 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018341.D

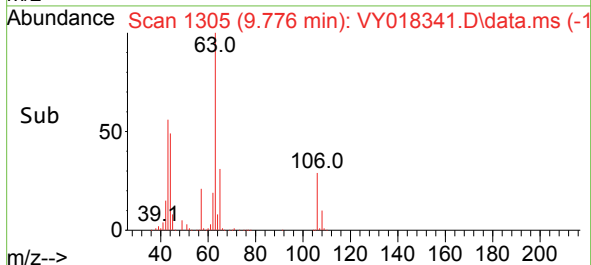
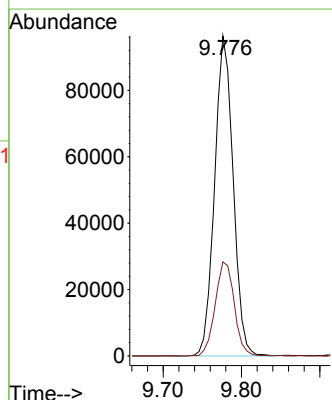
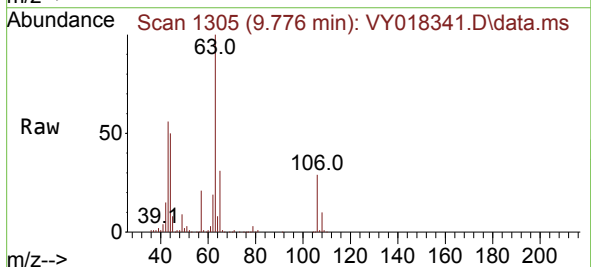
Acq: 20 May 2024 18:02

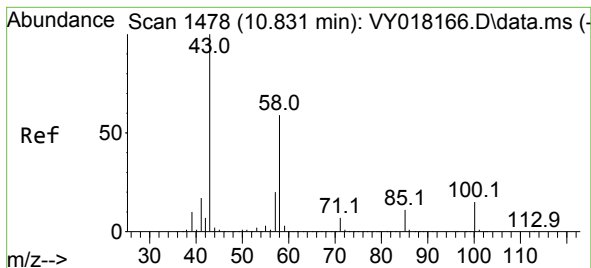
Tgt Ion: 63 Resp: 158533

Ion Ratio Lower Upper

63 100

106 30.4 23.7 35.5

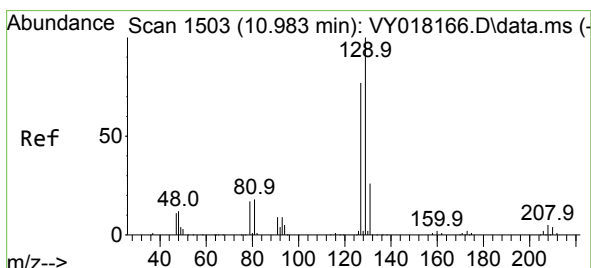
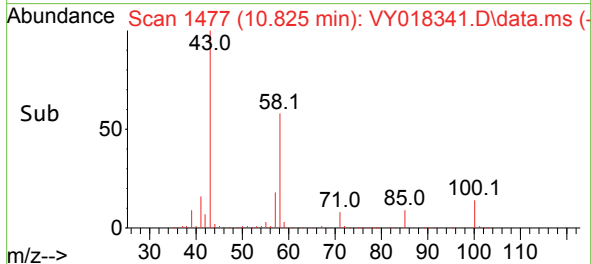
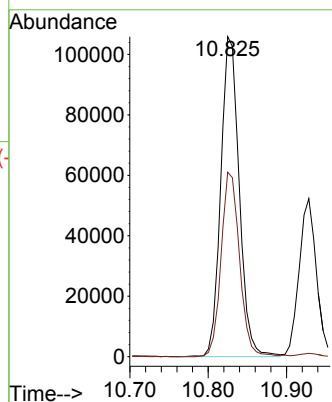
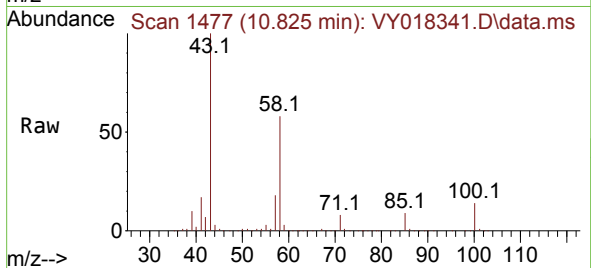




#59
2-Hexanone
Concen: 250.919 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

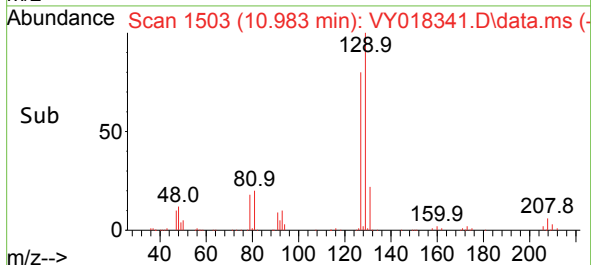
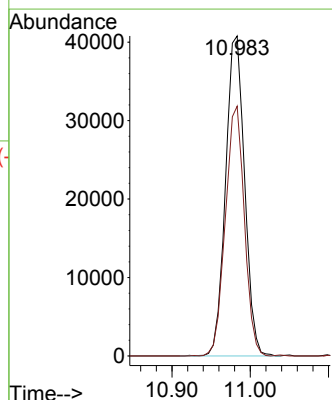
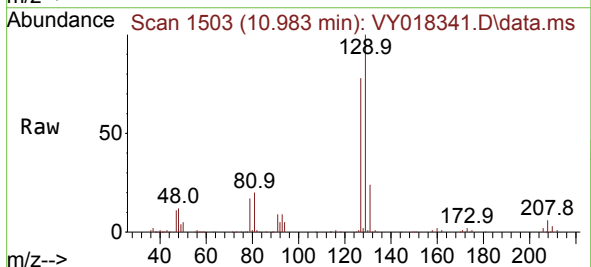
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

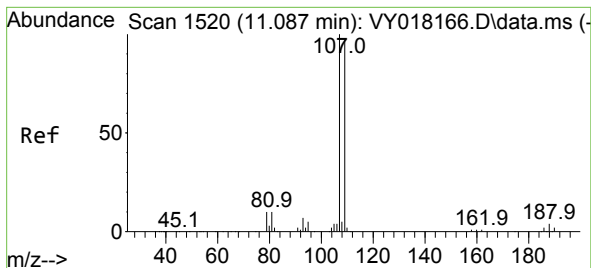
Tgt Ion: 43 Resp: 173497
Ion Ratio Lower Upper
43 100
58 57.9 31.4 94.0



#60
Dibromochloromethane
Concen: 41.904 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion:129 Resp: 68860
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

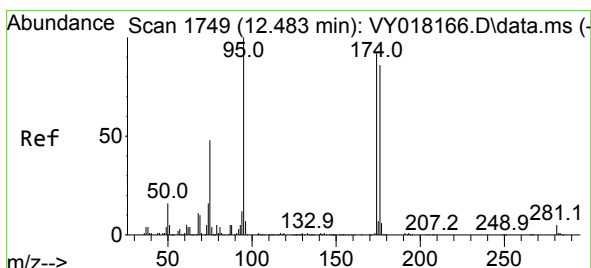
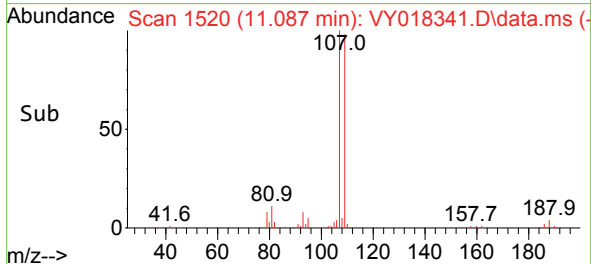
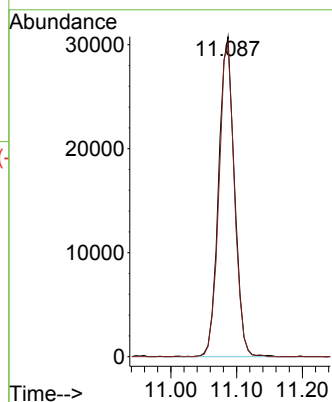
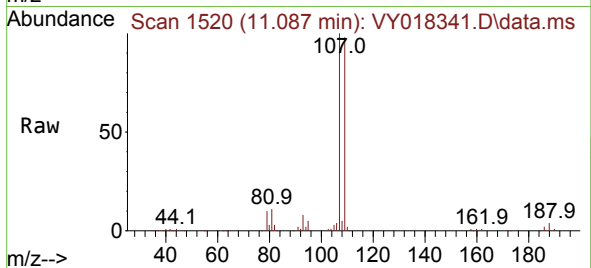




#61
1,2-Dibromoethane
Concen: 43.226 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

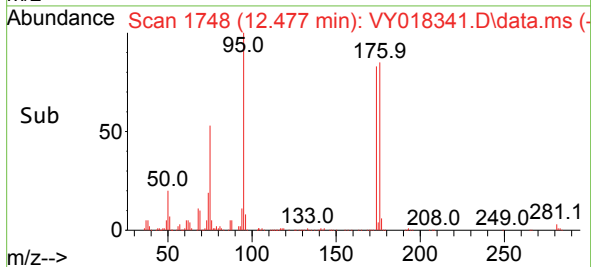
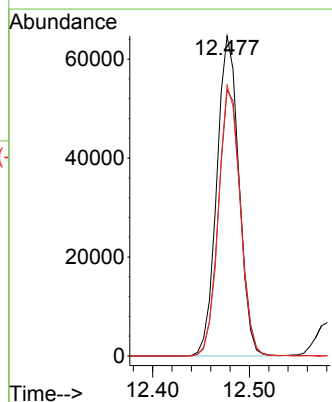
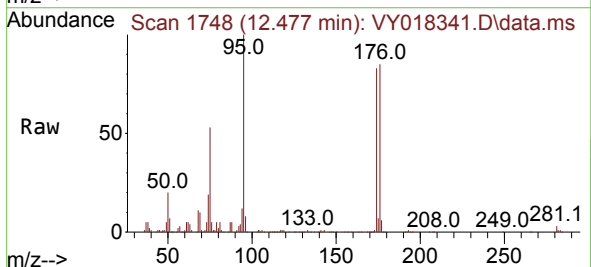
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

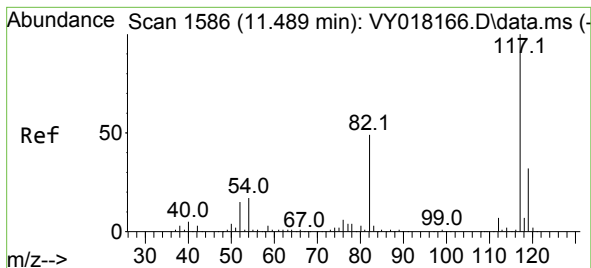
Tgt Ion:107 Resp: 51568
Ion Ratio Lower Upper
107 100
109 95.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.556 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 95 Resp: 102352
Ion Ratio Lower Upper
95 100
174 83.8 0.0 175.6
176 82.7 0.0 171.4

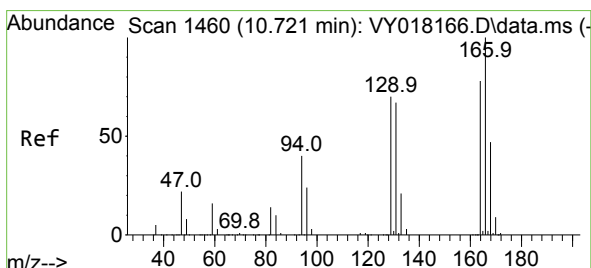
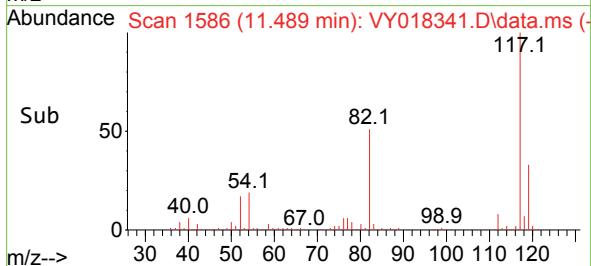
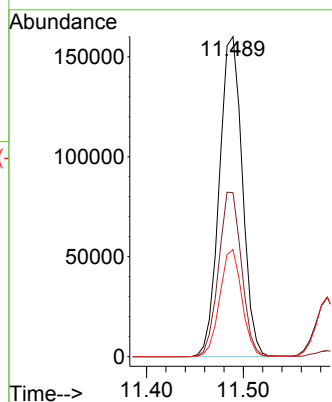
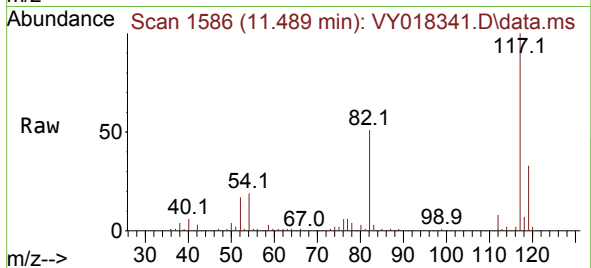




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

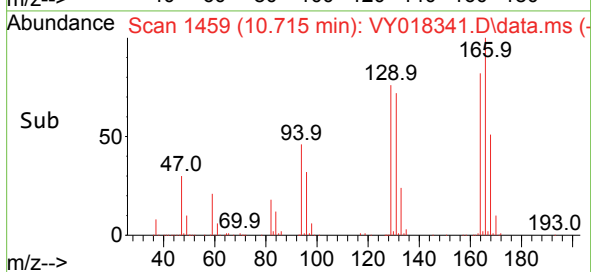
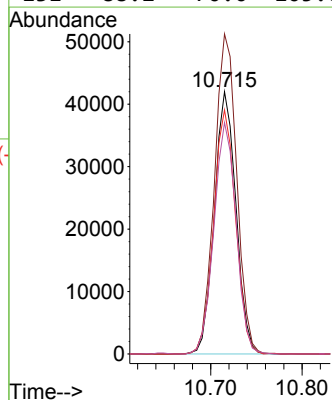
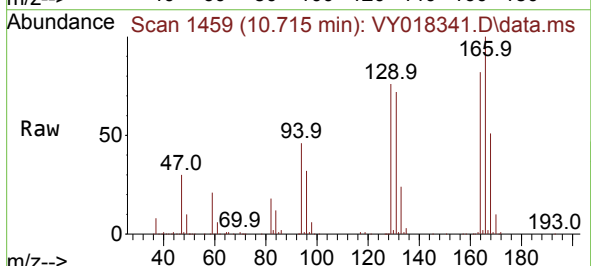
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

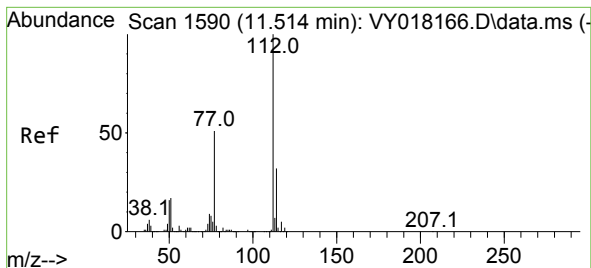
Tgt Ion:117 Resp: 264043
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 33.5 25.9 38.9



#64
Tetrachloroethene
Concen: 39.306 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion:164 Resp: 69101
Ion Ratio Lower Upper
164 100
166 122.0 102.6 154.0
129 93.1 72.0 108.0
131 88.2 70.0 105.0

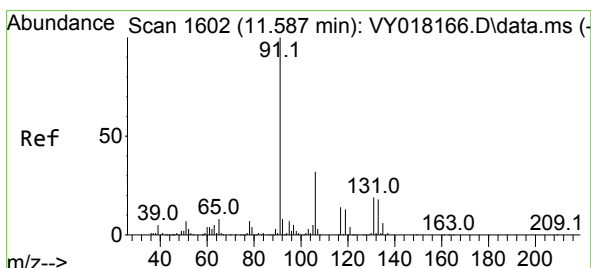
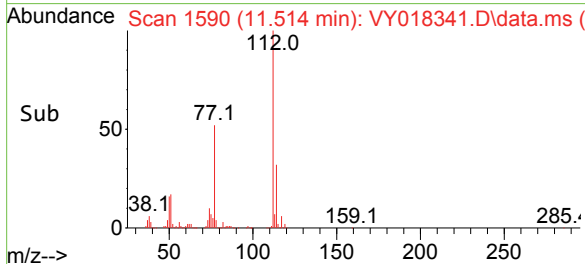
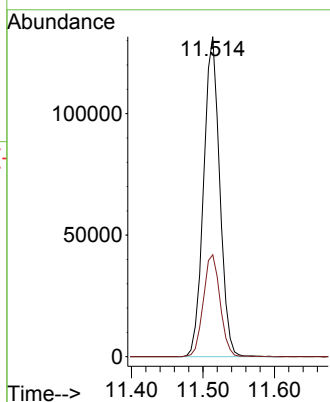
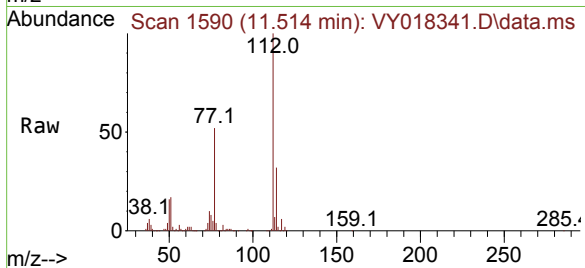




#65
Chlorobenzene
Concen: 38.280 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

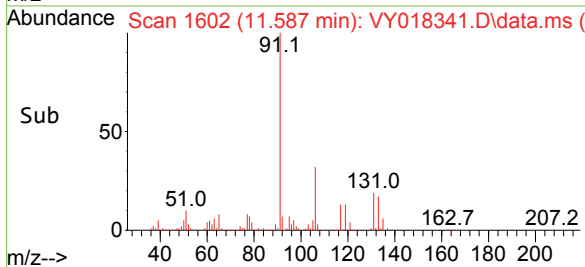
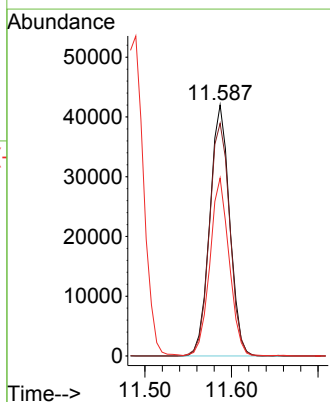
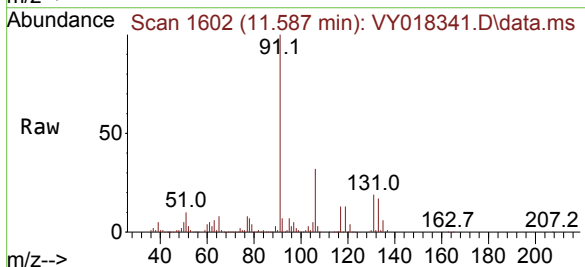
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

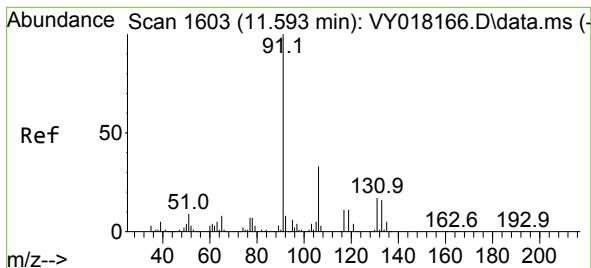
Tgt Ion:112 Resp: 205858
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 38.470 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion:131 Resp: 66918
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 68.6 34.1 102.2





#67

Ethyl Benzene

Concen: 38.857 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

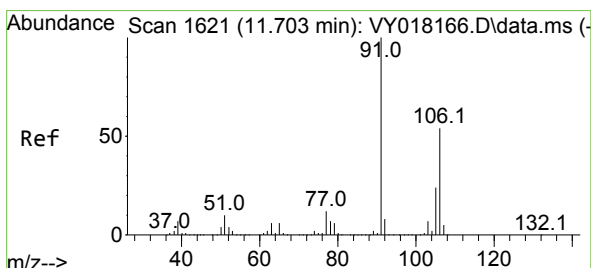
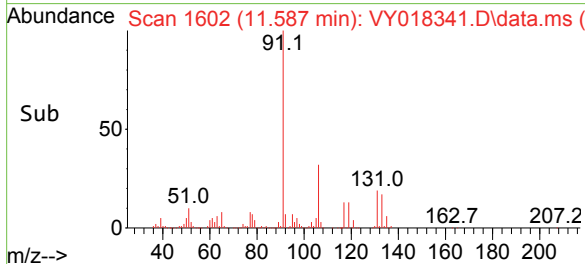
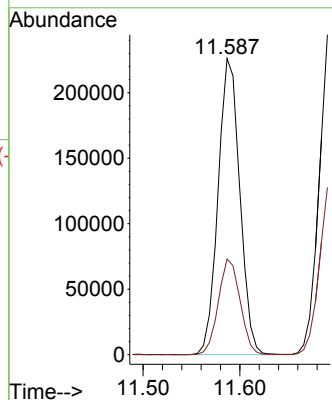
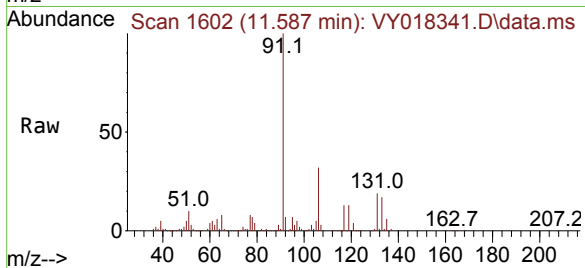
VSTDCCC050EC

Tgt Ion: 91 Resp: 352815

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 77.781 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY018341.D

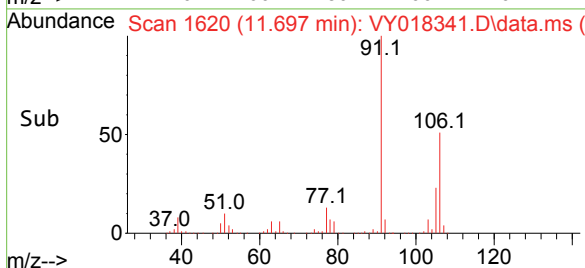
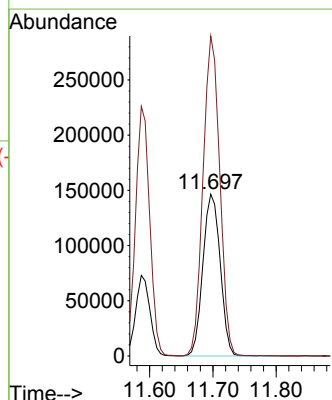
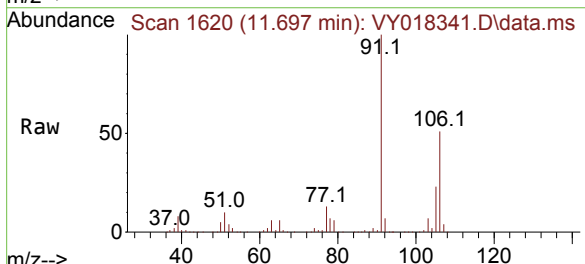
Acq: 20 May 2024 18:02

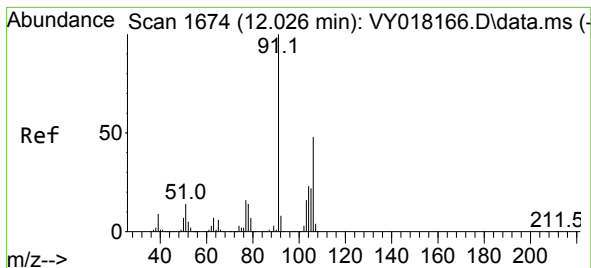
Tgt Ion:106 Resp: 279285

Ion Ratio Lower Upper

106 100

91 191.2 156.0 234.0

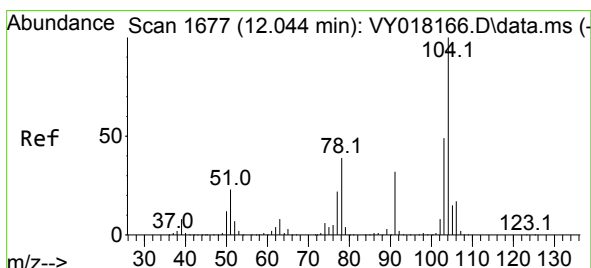
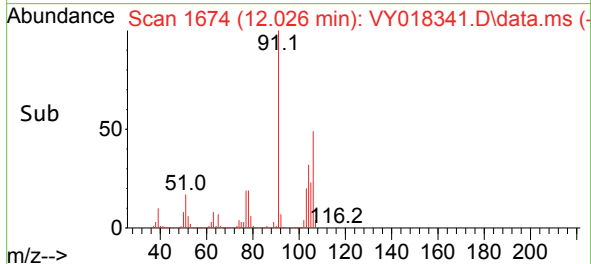
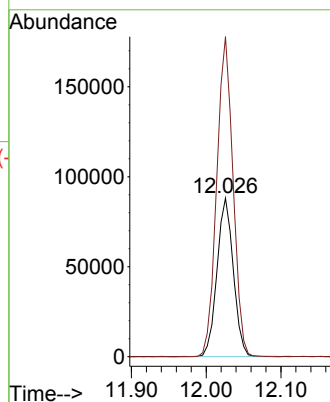
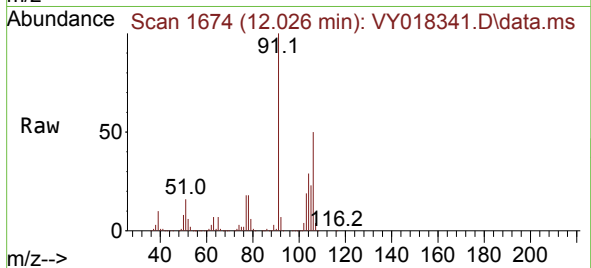




#69
o-Xylene
Concen: 38.826 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

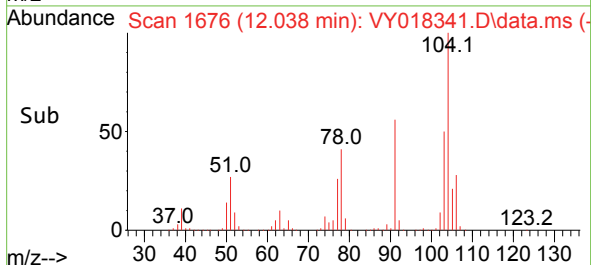
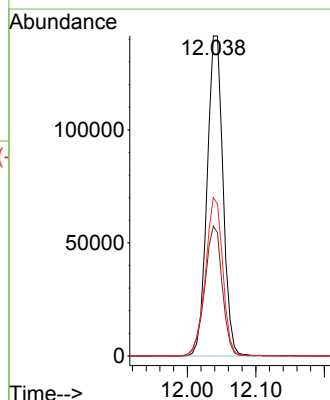
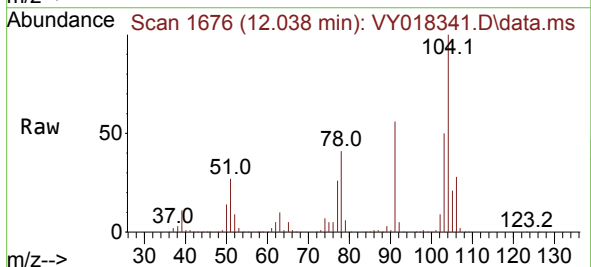
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

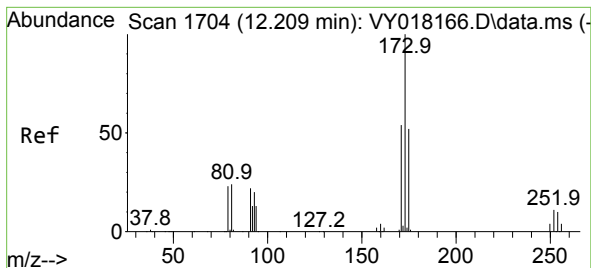
Tgt Ion:106 Resp: 133787
Ion Ratio Lower Upper
106 100
91 202.0 103.6 310.8



#70
Styrene
Concen: 39.762 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion:104 Resp: 228811
Ion Ratio Lower Upper
104 100
78 44.6 37.0 55.4
103 53.7 44.2 66.2





#71

Bromoform

Concen: 39.173 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

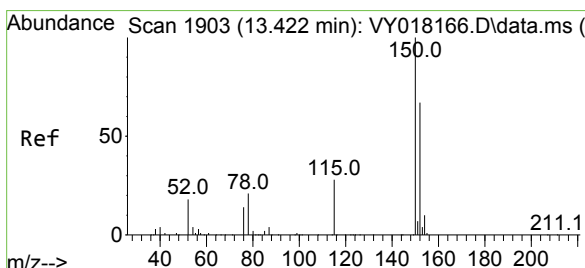
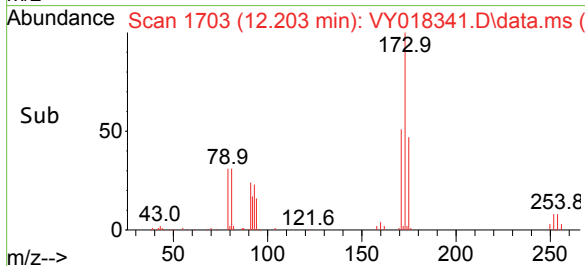
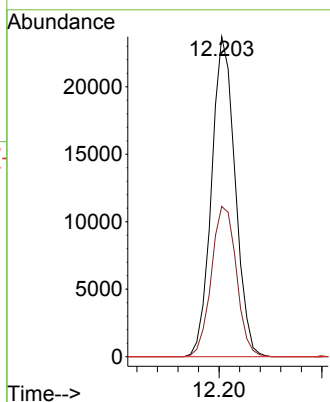
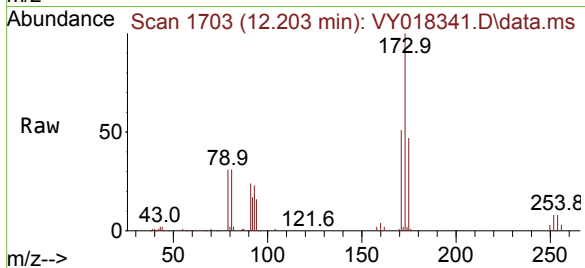
Tgt Ion:173 Resp: 37703

Ion Ratio Lower Upper

173 100

175 49.9 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: VY018341.D

Acq: 20 May 2024 18:02

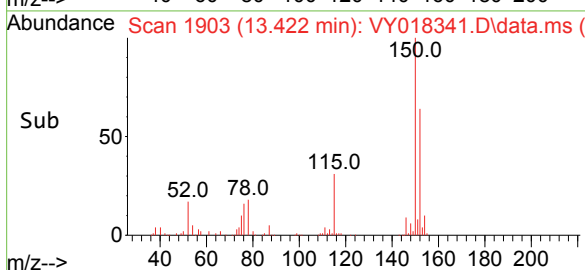
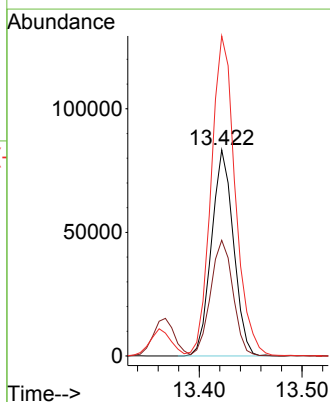
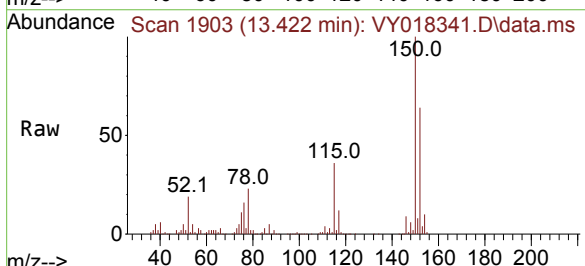
Tgt Ion:152 Resp: 123943

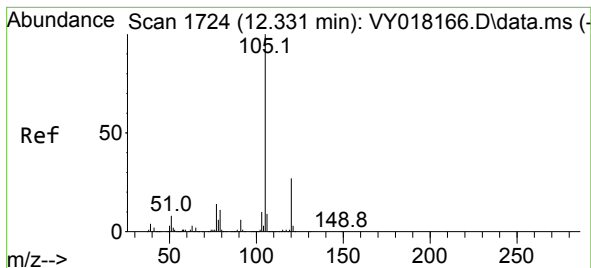
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 170.3 0.0 345.6





#73

Isopropylbenzene

Concen: 37.195 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

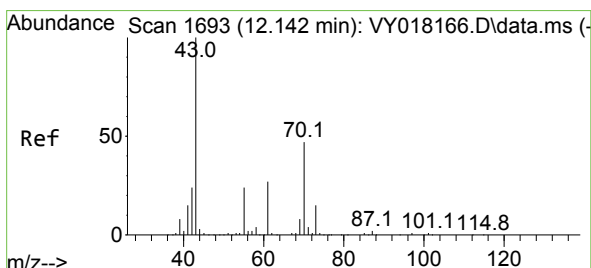
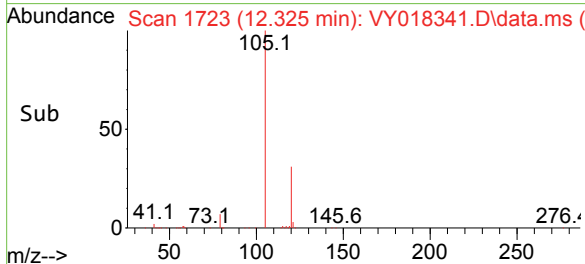
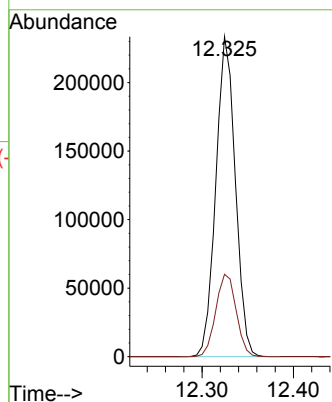
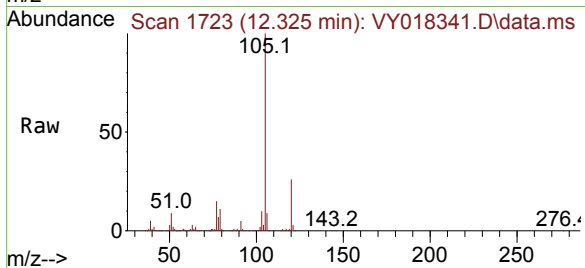
VSTDCCC050EC

Tgt Ion:105 Resp: 345643

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 44.517 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Tgt Ion: 43 Resp: 85876

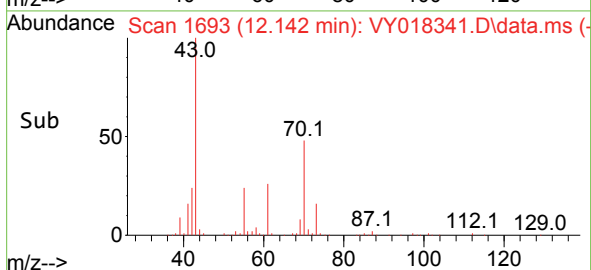
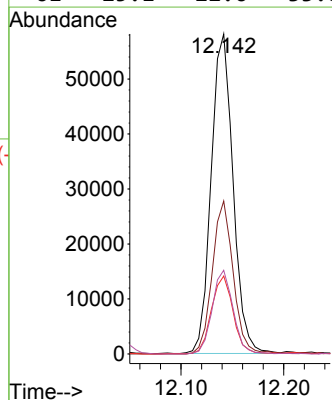
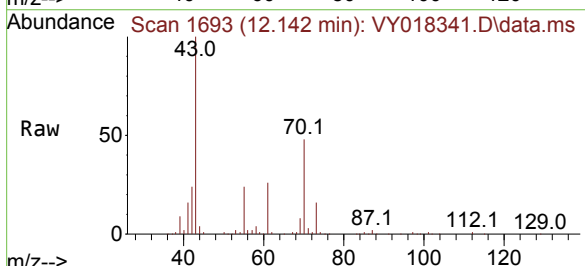
Ion Ratio Lower Upper

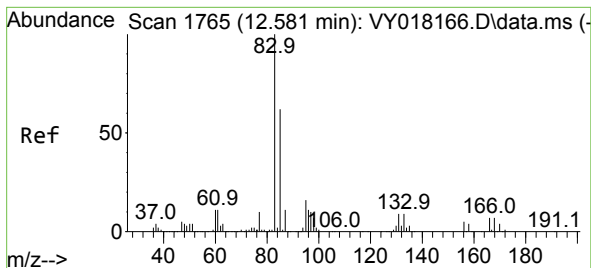
43 100

70 46.0 41.4 62.2

55 24.3 23.3 34.9

61 25.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 41.778 ug/l

RT: 12.574 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

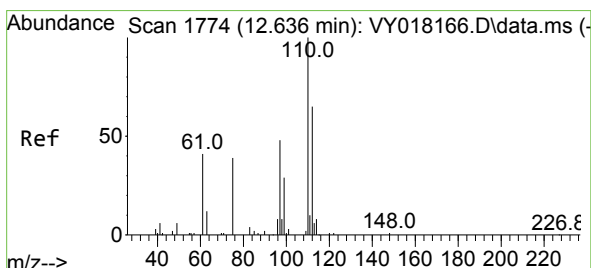
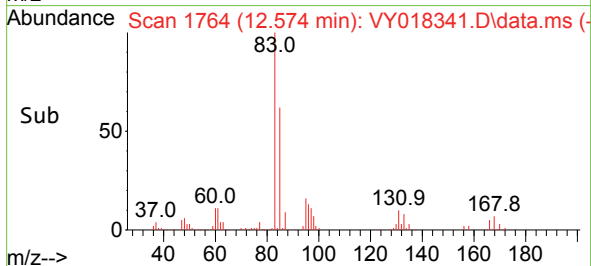
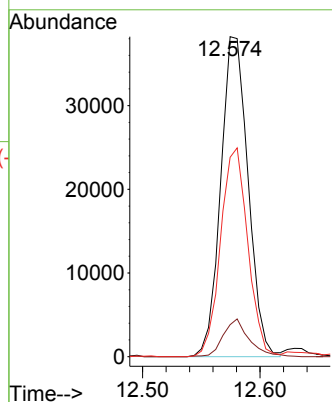
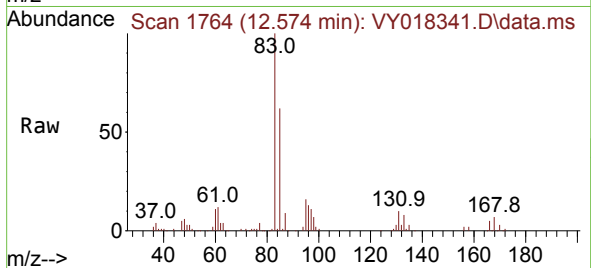
Tgt Ion: 83 Resp: 61931

Ion Ratio Lower Upper

83 100

131 11.2 5.0 14.9

85 64.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 77.845 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018341.D

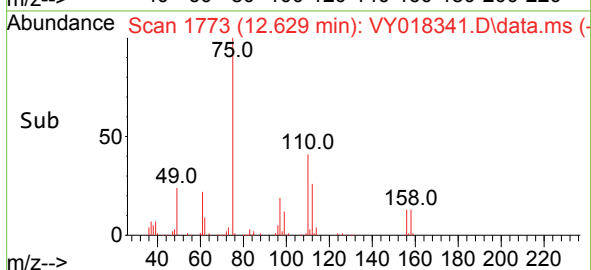
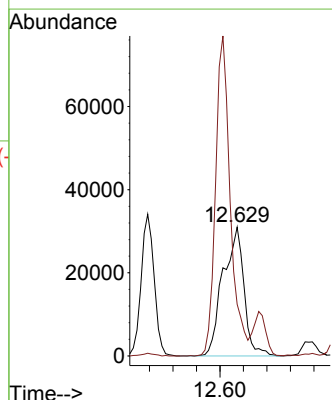
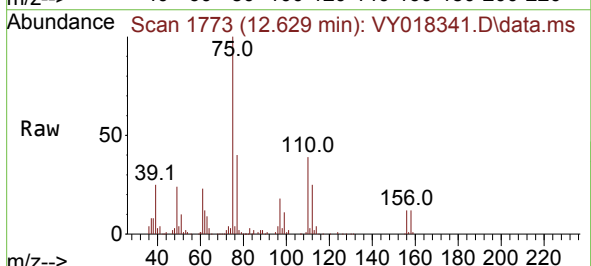
Acq: 20 May 2024 18:02

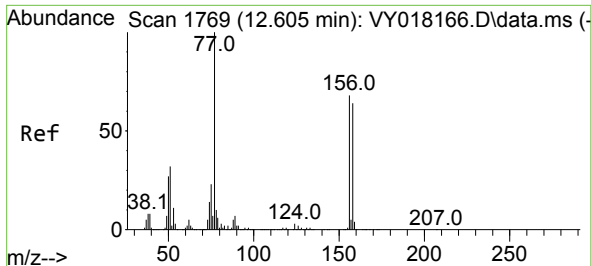
Tgt Ion: 75 Resp: 77229

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

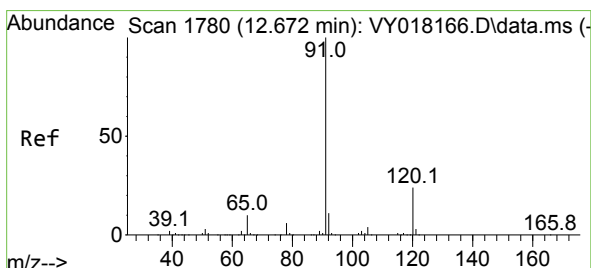
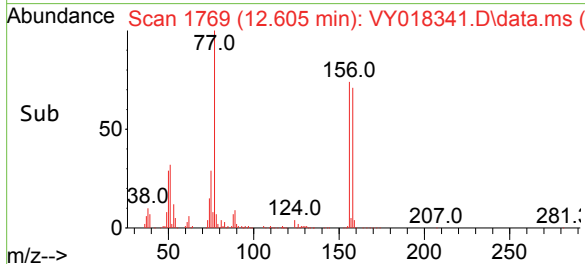
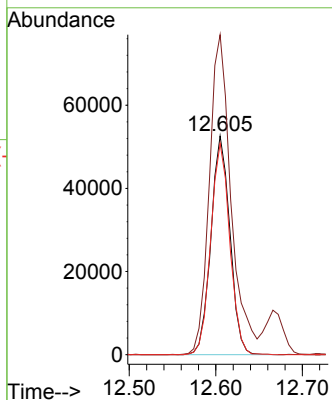
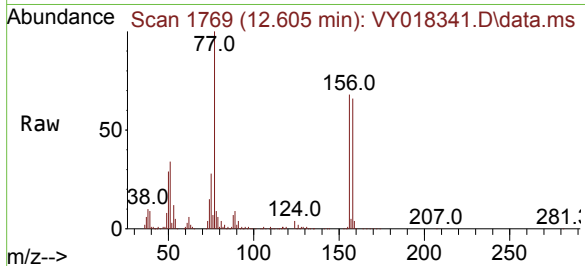




#77
Bromobenzene
Concen: 37.578 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

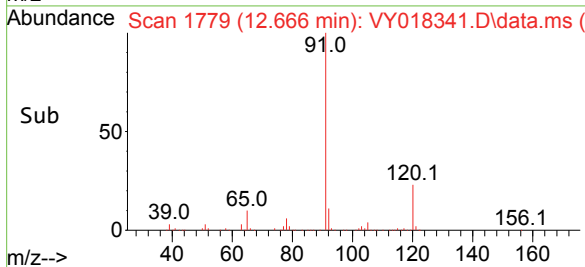
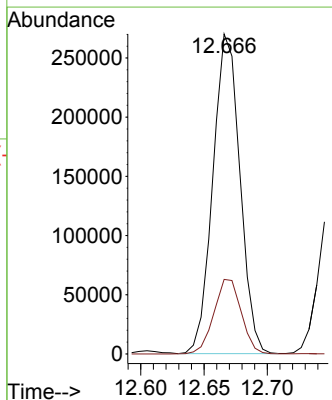
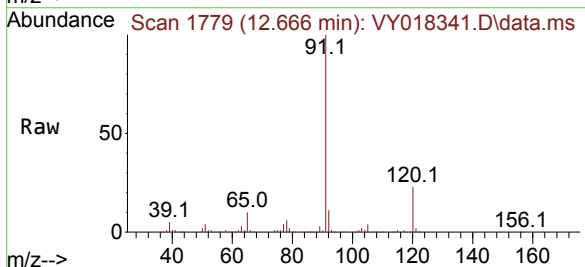
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

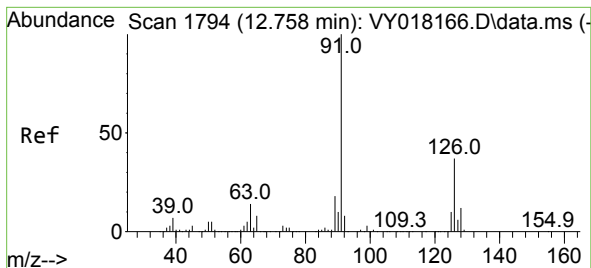
Tgt Ion:156 Resp: 80222
Ion Ratio Lower Upper
156 100
77 167.3 87.1 261.3
158 97.0 48.6 145.9



#78
n-propylbenzene
Concen: 37.150 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 91 Resp: 401542
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4

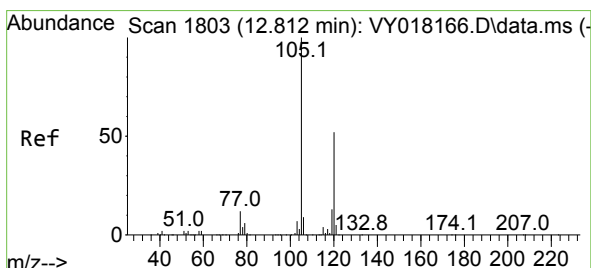
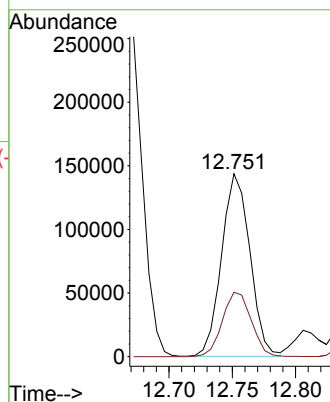
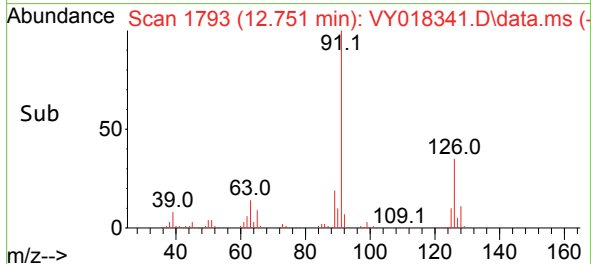
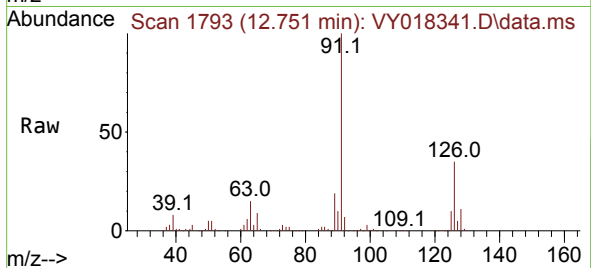




#79
2-Chlorotoluene
Concen: 37.271 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

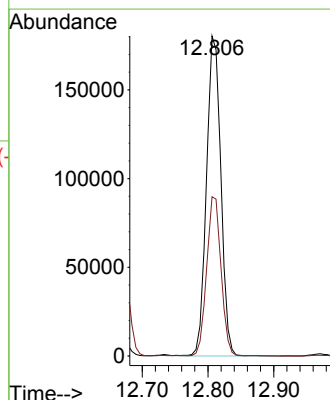
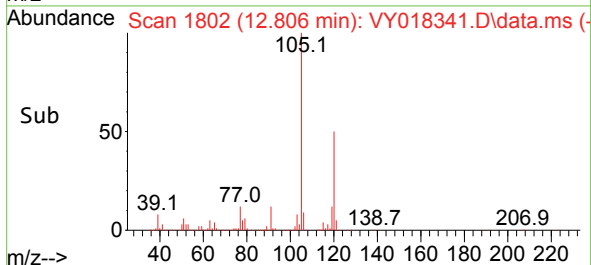
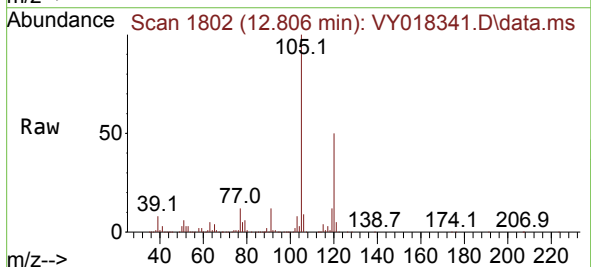
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

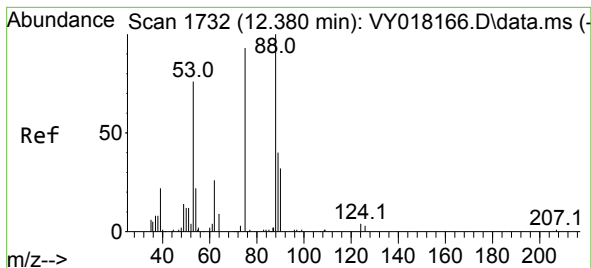
Tgt Ion: 91 Resp: 223864
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 37.434 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 105 Resp: 274303
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.2

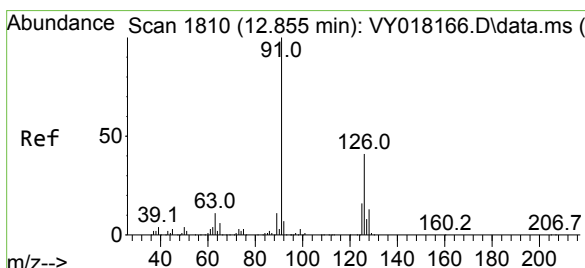
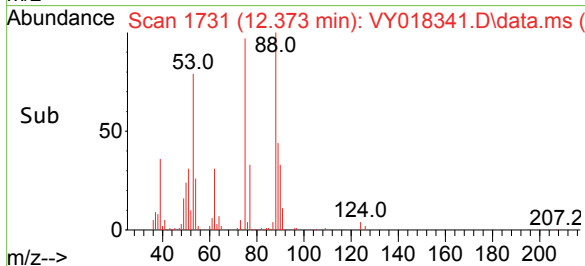
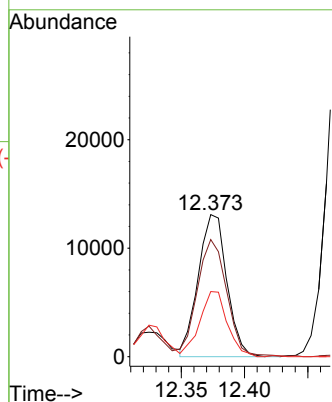
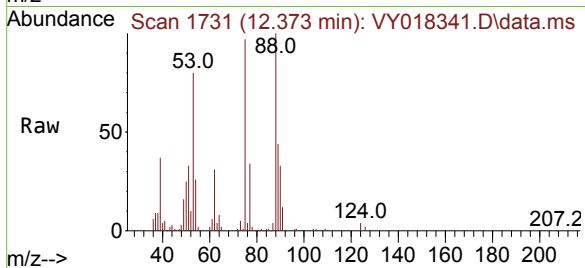




#81
trans-1,4-Dichloro-2-butene
Concen: 40.056 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

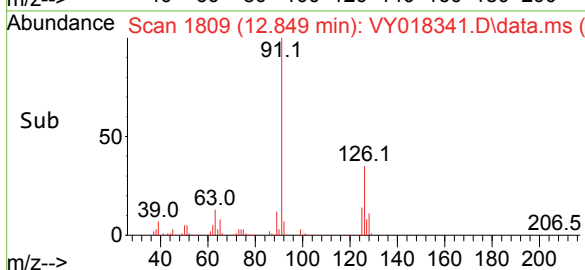
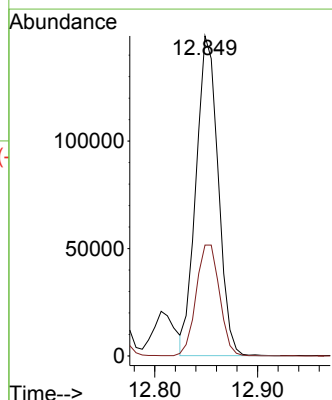
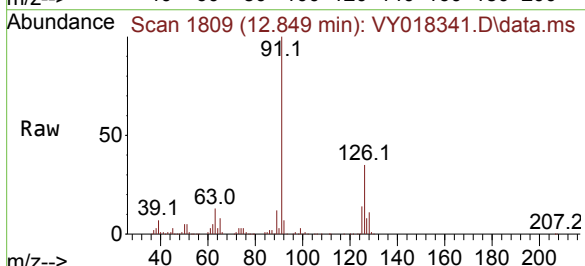
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

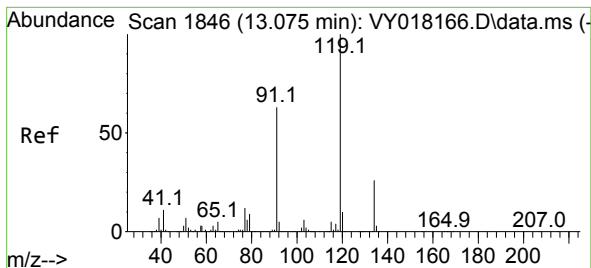
Tgt Ion: 75 Resp: 20626
Ion Ratio Lower Upper
75 100
53 85.8 66.8 100.2
89 44.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 36.936 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion: 91 Resp: 222847
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9

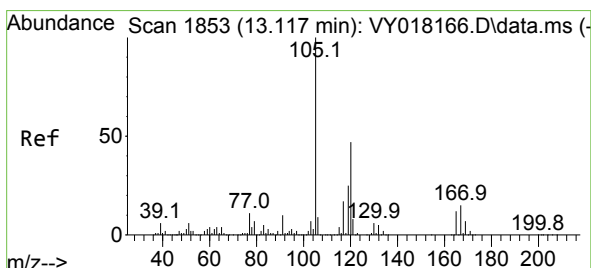
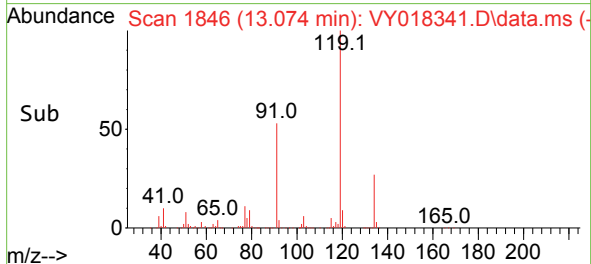
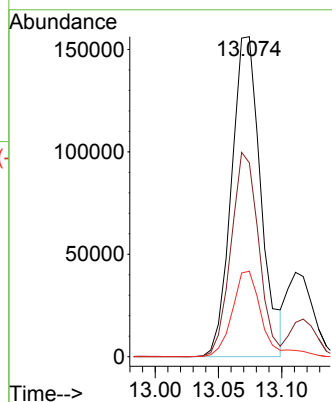
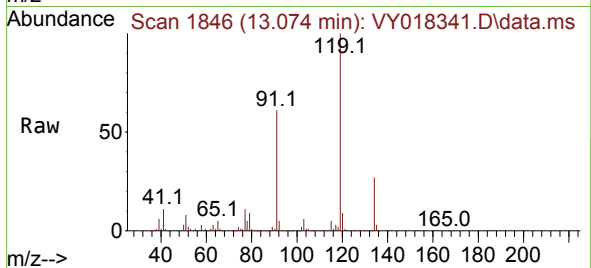




#83
tert-Butylbenzene
Concen: 37.463 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

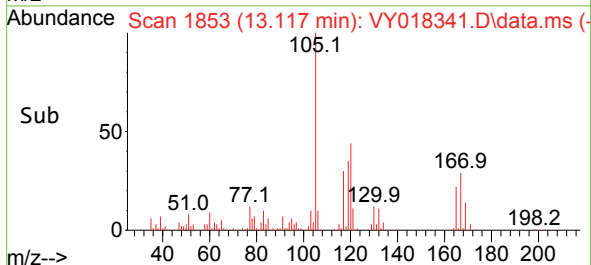
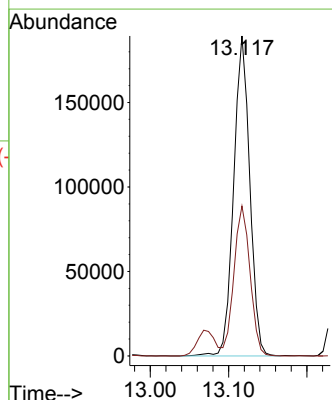
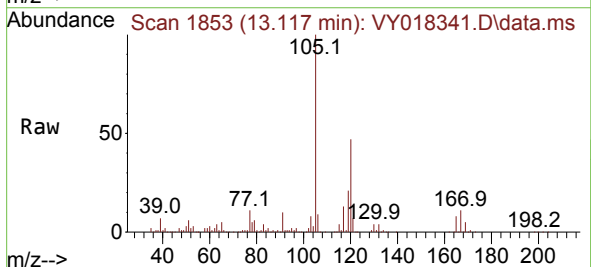
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

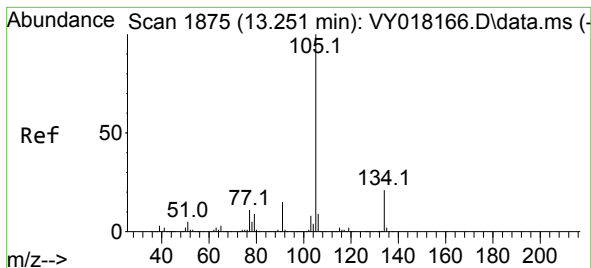
Tgt Ion:119 Resp: 253204
Ion Ratio Lower Upper
119 100
91 60.1 31.3 93.8
134 27.0 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 37.592 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY018341.D
Acq: 20 May 2024 18:02

Tgt Ion:105 Resp: 269828
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 36.506 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

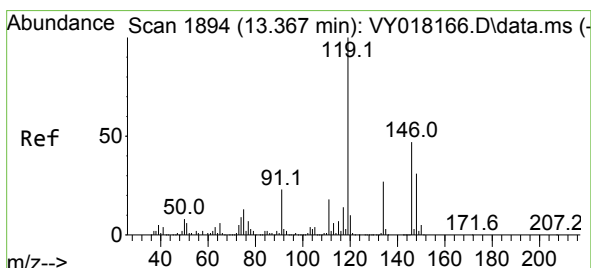
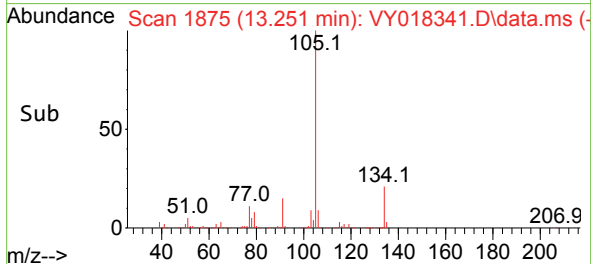
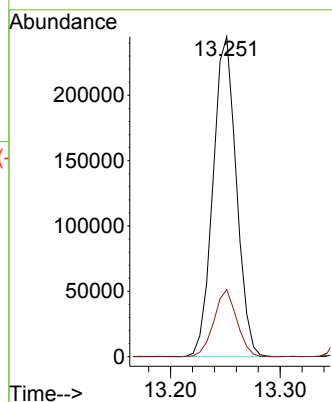
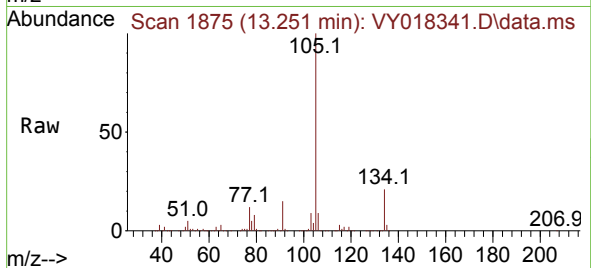
VSTDCCC050EC

Tgt Ion:105 Resp: 361923

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 37.353 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

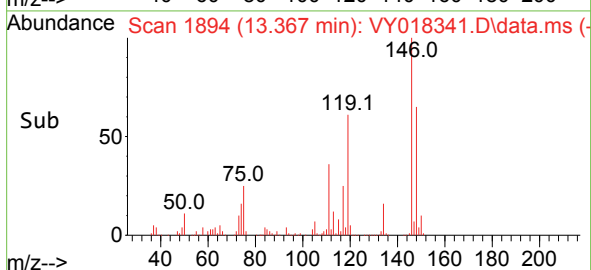
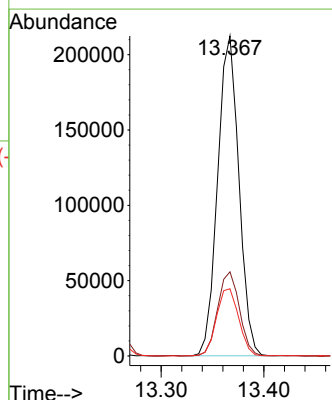
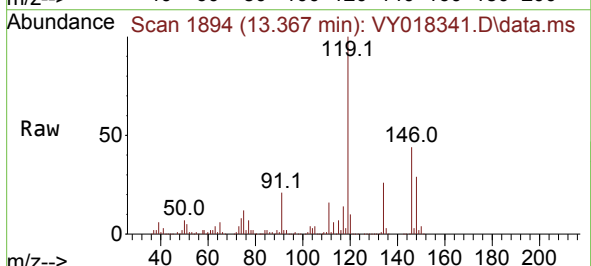
Tgt Ion:119 Resp: 304646

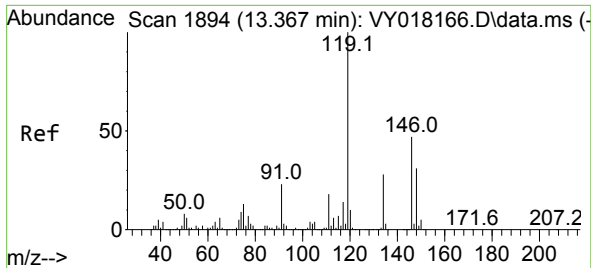
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 22.1 10.7 32.1

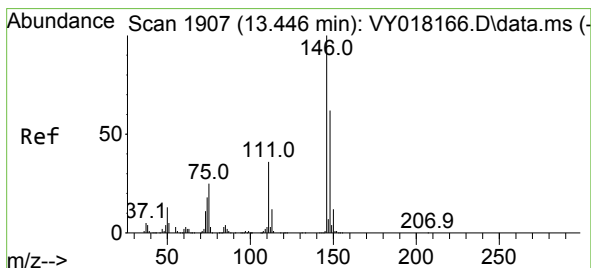
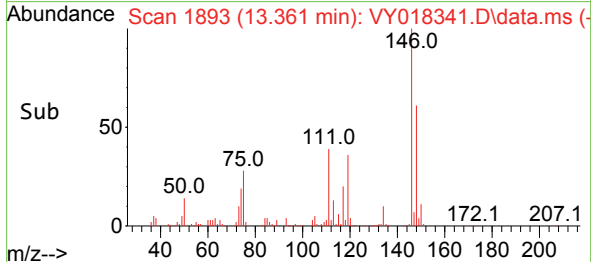
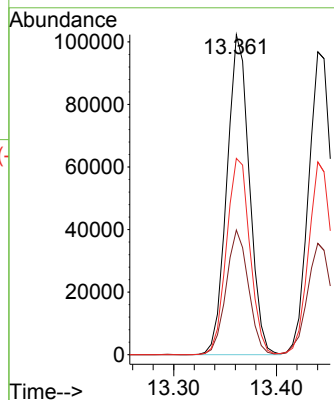
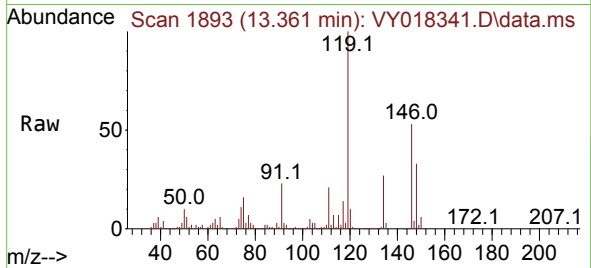




#87
 1,3-Dichlorobenzene
 Concen: 37.695 ug/l
 RT: 13.361 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY018341.D
 Acq: 20 May 2024 18:02

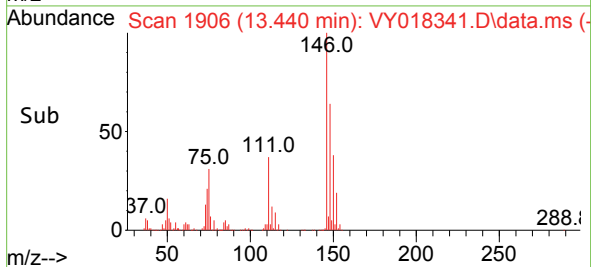
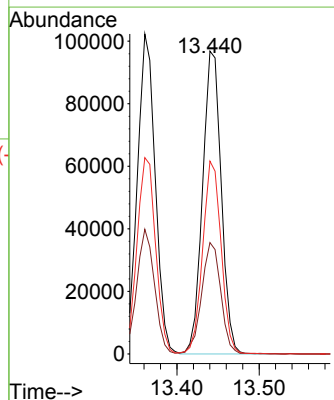
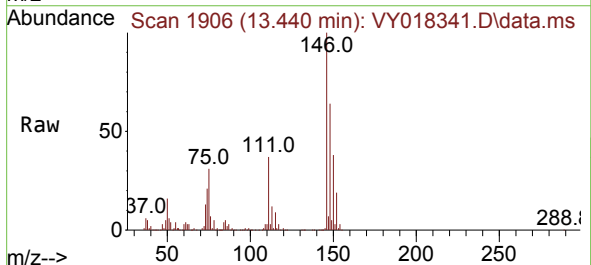
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

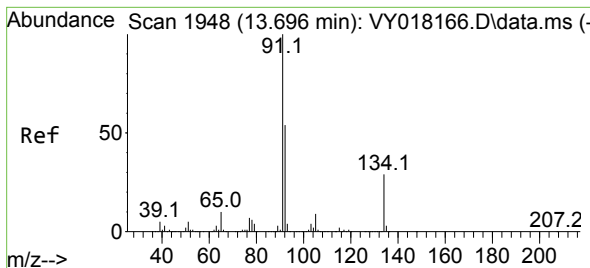
Tgt Ion:146 Resp: 155411
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 38.027 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY018341.D
 Acq: 20 May 2024 18:02

Tgt Ion:146 Resp: 152839
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.4
 148 63.1 32.4 97.2





#89

n-Butylbenzene

Concen: 37.734 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

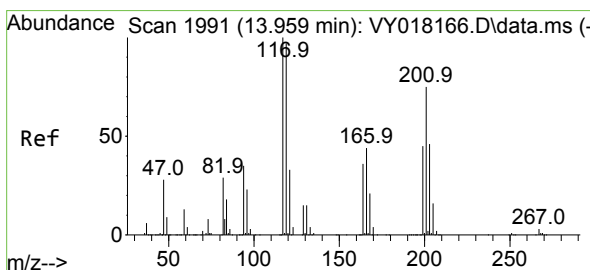
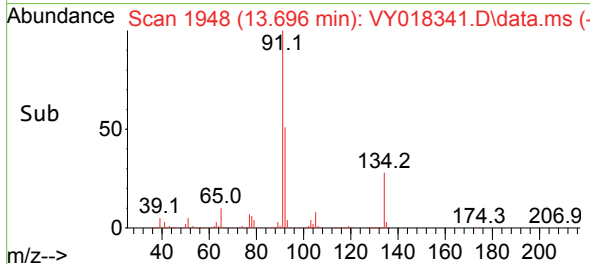
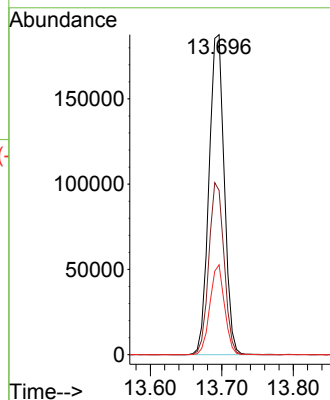
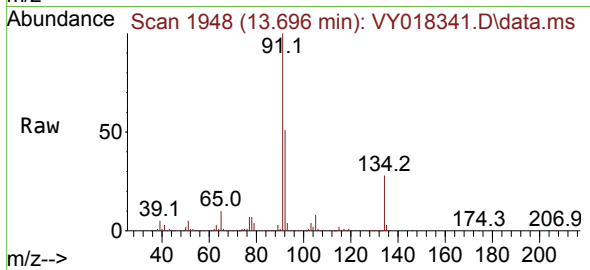
Tgt Ion: 91 Resp: 278521

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 26.9 12.9 38.7



#90

Hexachloroethane

Concen: 35.073 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018341.D

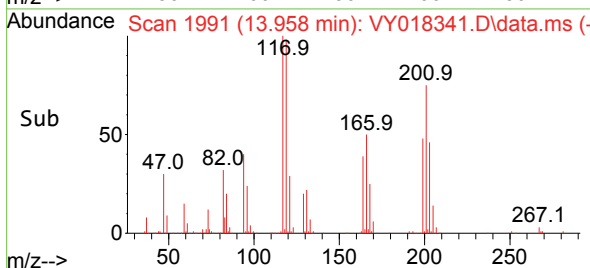
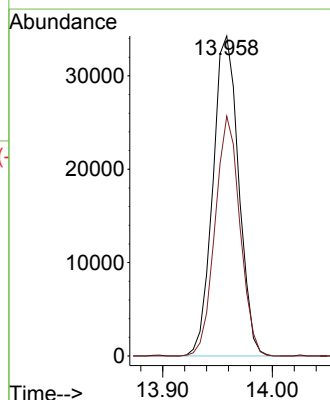
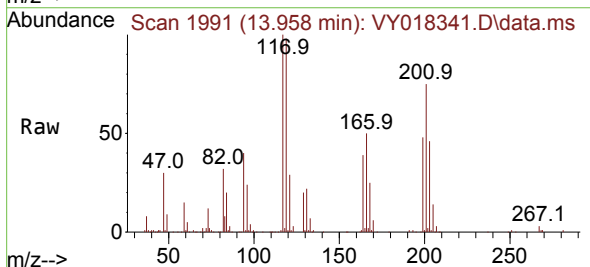
Acq: 20 May 2024 18:02

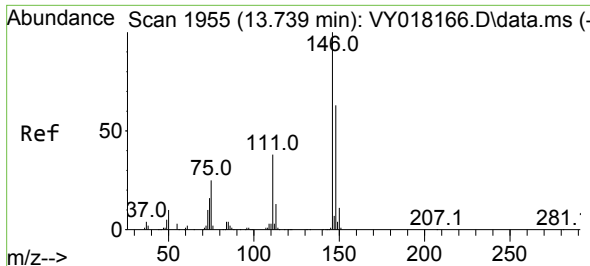
Tgt Ion: 117 Resp: 56119

Ion Ratio Lower Upper

117 100

201 72.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 38.634 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

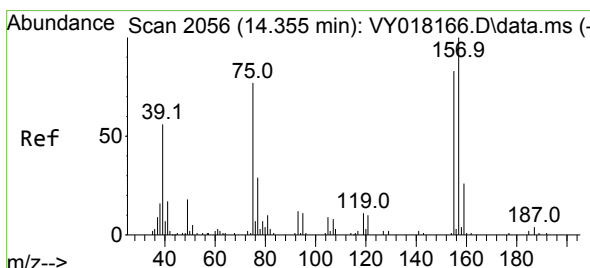
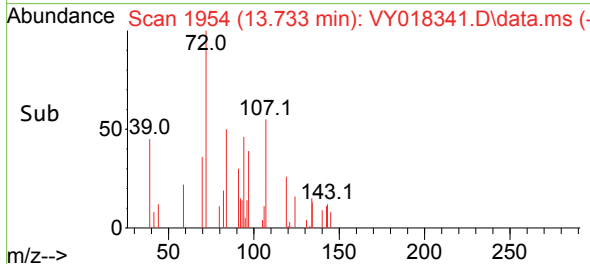
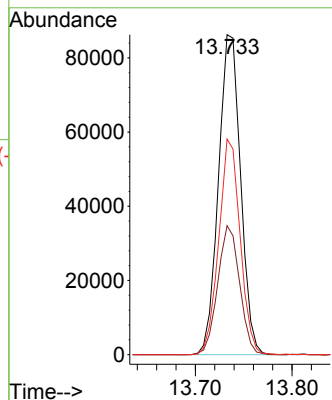
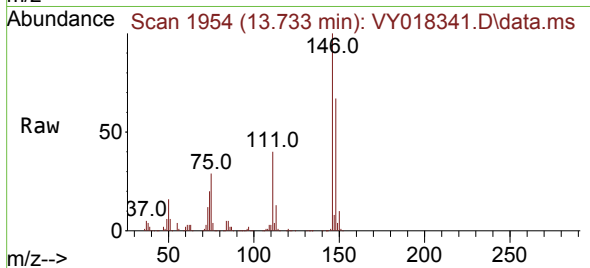
Tgt Ion:146 Resp: 136904

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 65.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.731 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

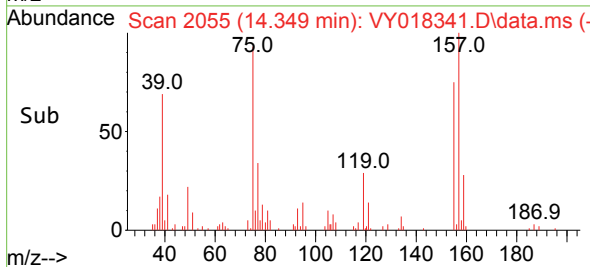
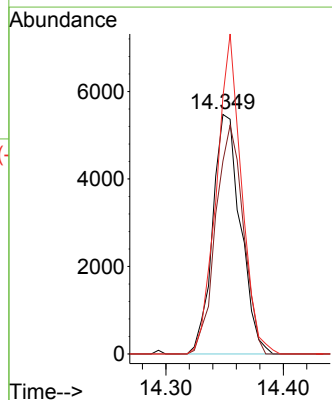
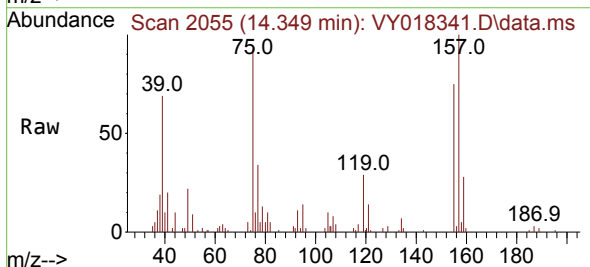
Tgt Ion: 75 Resp: 9029

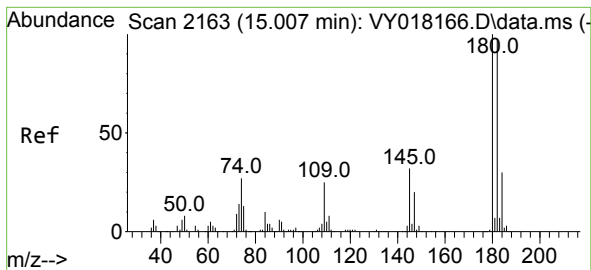
Ion Ratio Lower Upper

75 100

155 94.7 48.6 145.8

157 120.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 39.360 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

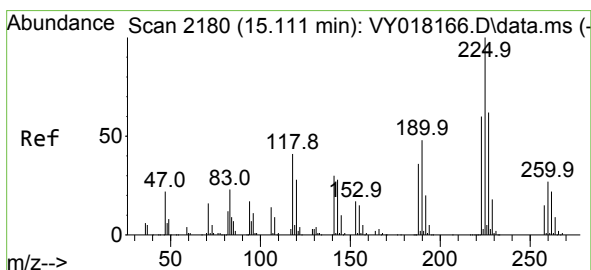
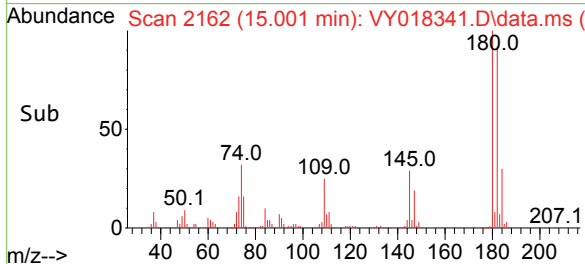
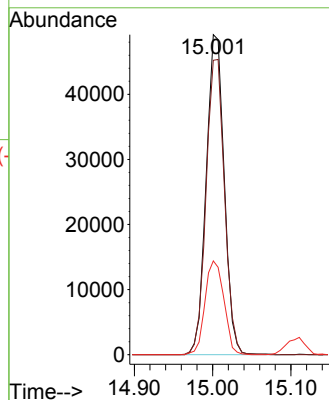
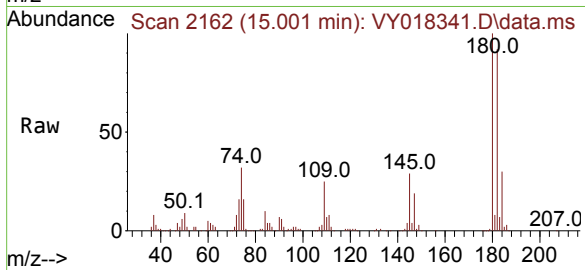
Tgt Ion:180 Resp: 78412

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 35.808 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

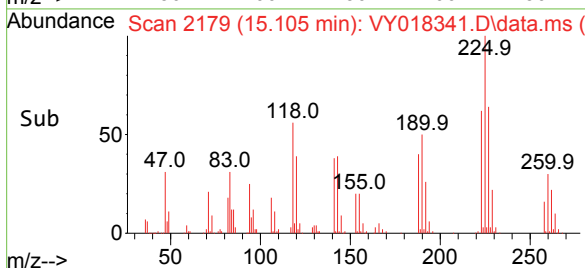
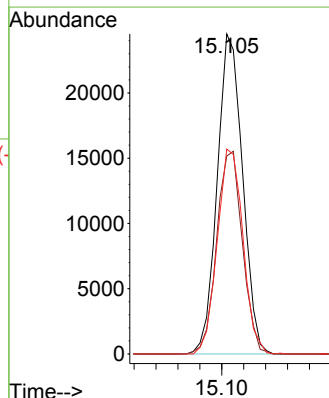
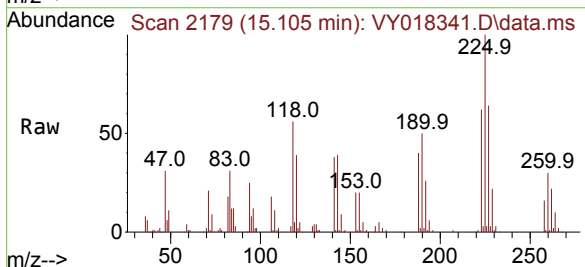
Tgt Ion:225 Resp: 39359

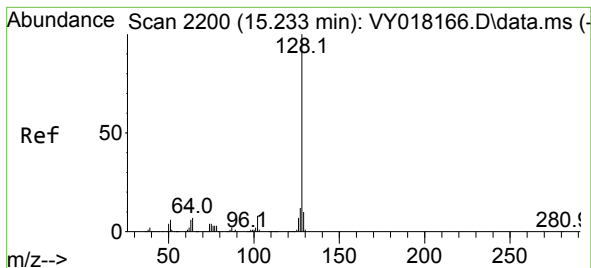
Ion Ratio Lower Upper

225 100

223 64.3 30.4 91.2

227 64.9 31.9 95.9





#95

Naphthalene

Concen: 44.058 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

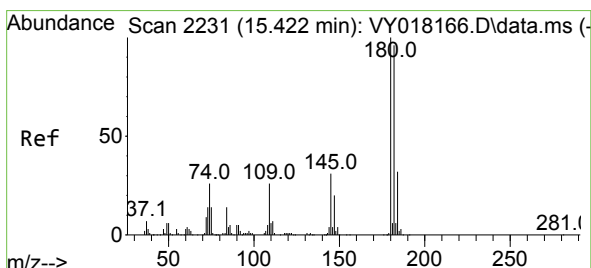
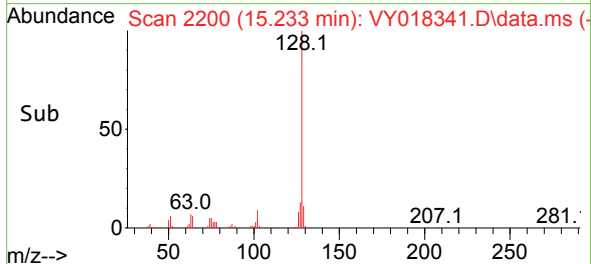
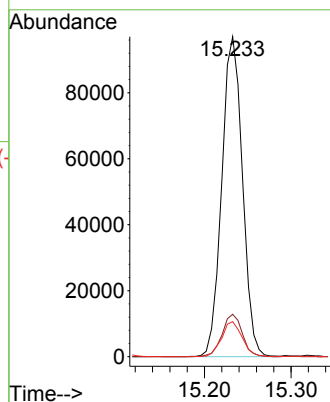
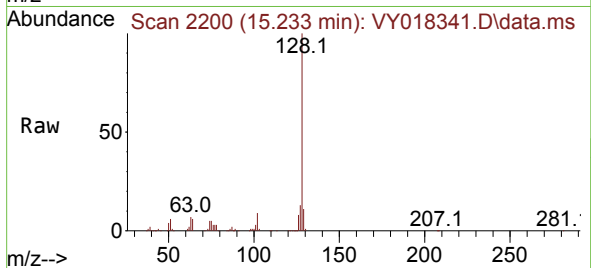
Tgt Ion:128 Resp: 160831

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 41.460 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018341.D

Acq: 20 May 2024 18:02

Tgt Ion:180 Resp: 67783

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

145 32.9 15.4 46.1

