

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018163.D
 Acq On : 07 May 2024 09:30
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: May 08 01:13:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 00:59:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	242177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	407928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	339358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	8956	5.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.060%#
35) Dibromofluoromethane	7.710	113	10289	4.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.600%#
50) Toluene-d8	10.179	98	40163	4.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.500%#
62) 4-Bromofluorobenzene	12.483	95	14068	5.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.320%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	11302	5.885	ug/l	98
3) Chloromethane	2.107	50	14229	5.535	ug/l	100
4) Vinyl Chloride	2.241	62	17530	5.625	ug/l	93
5) Bromomethane	2.644	94	12559	5.803	ug/l	98
6) Chloroethane	2.790	64	10909	5.515	ug/l	100
7) Trichlorofluoromethane	3.119	101	20293	5.559	ug/l	100
8) Diethyl Ether	3.522	74	6939	5.774	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	13244	5.693	ug/l	95
10) Methyl Iodide	4.076	142	12942	4.764	ug/l	99
11) Tert butyl alcohol	4.948	59	6136	28.705	ug/l #	88
12) 1,1-Dichloroethene	3.857	96	12920	5.517	ug/l	92
13) Acrolein	3.717	56	5733	28.914	ug/l	88
14) Allyl chloride	4.466	41	15548	5.218	ug/l	89
15) Acrylonitrile	5.149	53	12456	26.953	ug/l	97
16) Acetone	3.936	43	9204	25.887	ug/l	99
17) Carbon Disulfide	4.186	76	33298	5.222	ug/l	97
18) Methyl Acetate	4.473	43	6478	6.396	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	28289	5.422	ug/l	97
20) Methylene Chloride	4.710	84	15001	5.969	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	13976	5.629	ug/l	86
22) Diisopropyl ether	6.106	45	35120	5.557	ug/l	94
23) Vinyl Acetate	6.052	43	102863	26.777	ug/l	99
24) 1,1-Dichloroethane	6.003	63	21529	5.530	ug/l	96
25) 2-Butanone	6.978	43	15682	27.593	ug/l	100
26) 2,2-Dichloropropane	6.978	77	19928	5.656	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	16005	5.455	ug/l	97
28) Bromochloromethane	7.326	49	7448	4.787	ug/l	100
29) Tetrahydrofuran	7.344	42	10799	28.786	ug/l	94
30) Chloroform	7.503	83	23118	5.689	ug/l	98
31) Cyclohexane	7.783	56	23676	4.886	ug/l #	89
32) 1,1,1-Trichloroethane	7.698	97	20099	5.518	ug/l	99
36) 1,1-Dichloropropene	7.911	75	17238	5.609	ug/l	98
37) Ethyl Acetate	7.064	43	7194	5.561	ug/l #	91
38) Carbon Tetrachloride	7.893	117	18111	5.393	ug/l	91
39) Methylcyclohexane	9.179	83	25136	5.669	ug/l	94
40) Benzene	8.155	78	53825	5.445	ug/l	99

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 MSVOA_Y
 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	9780	13.093	ug/l #	15
42) 1,2-Dichloroethane	8.228	62	11815	5.493	ug/l	94
43) Isopropyl Acetate	8.265	43	14444	5.448	ug/l	95
44) Trichloroethene	8.935	130	14745	5.479	ug/l	99
45) 1,2-Dichloropropane	9.210	63	11707	5.417	ug/l	98
46) Dibromomethane	9.301	93	6799	5.472	ug/l	98
47) Bromodichloromethane	9.496	83	16832	5.480	ug/l	92
48) Methyl methacrylate	9.289	41	6782	5.581	ug/l	93
49) 1,4-Dioxane	9.289	88	1949	118.175	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	35946	26.974	ug/l	98
52) Toluene	10.240	92	35104	5.516	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	14285	4.979	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	18942	5.401	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	9255	5.422	ug/l	93
56) Ethyl methacrylate	10.508	69	12229	5.275	ug/l	91
57) 1,3-Dichloropropane	10.789	76	14832	5.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	28473	25.723	ug/l	93
59) 2-Hexanone	10.831	43	24757	26.570	ug/l	92
60) Dibromochloromethane	10.984	129	11773	5.316	ug/l	98
61) 1,2-Dibromoethane	11.087	107	8847	5.503	ug/l	97
64) Tetrachloroethene	10.715	164	12324	5.454	ug/l	95
65) Chlorobenzene	11.514	112	37740	5.460	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	12381	5.538	ug/l	98
67) Ethyl Benzene	11.593	91	63913	5.477	ug/l	94
68) m/p-Xylenes	11.703	106	50207	10.879	ug/l	97
69) o-Xylene	12.026	106	24607	5.556	ug/l	91
70) Styrene	12.044	104	39833	5.386	ug/l	98
71) Bromoform	12.209	173	6387	5.163	ug/l #	95
73) Isopropylbenzene	12.331	105	62832	5.687	ug/l	99
74) N-amyl acetate	12.142	43	12459	5.432	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	10363	5.880	ug/l	94
76) 1,2,3-Trichloropropane	12.630	75	11909	10.096	ug/l #	100
77) Bromobenzene	12.605	156	14093	5.552	ug/l	98
78) n-propylbenzene	12.672	91	73335	5.706	ug/l	96
79) 2-Chlorotoluene	12.758	91	41199	5.769	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	49218	5.649	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	3079	5.029	ug/l #	82
82) 4-Chlorotoluene	12.855	91	40657	5.668	ug/l	99
83) tert-Butylbenzene	13.075	119	44709	5.563	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	47091	5.518	ug/l	99
85) sec-Butylbenzene	13.251	105	67430	5.720	ug/l	99
86) p-Isopropyltoluene	13.367	119	53445	5.511	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	27277	5.564	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	26467	5.538	ug/l	90
89) n-Butylbenzene	13.697	91	49052	5.589	ug/l	98
90) Hexachloroethane	13.959	117	10535	5.538	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	22963	5.450	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1345	5.604	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	12274	5.182	ug/l	93
94) Hexachlorobutadiene	15.105	225	7061	5.403	ug/l	100
95) Naphthalene	15.239	128	21189	4.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	9643	4.961	ug/l	98

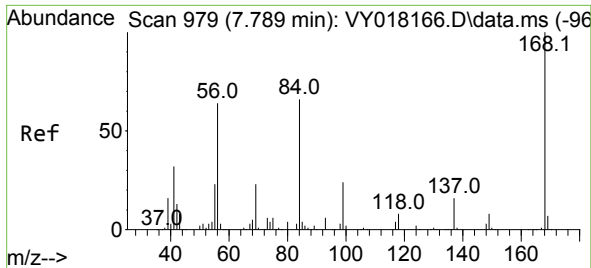
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
Data File : VY018163.D
Acq On : 07 May 2024 09:30
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Wed May 08 00:59:30 2024
Response via : Initial Calibration

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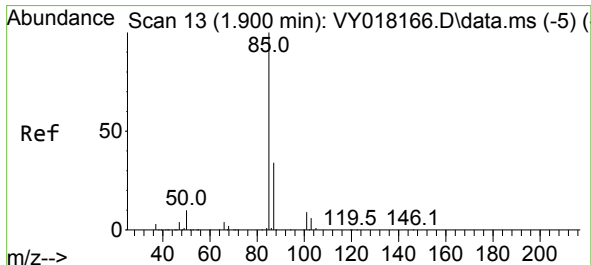
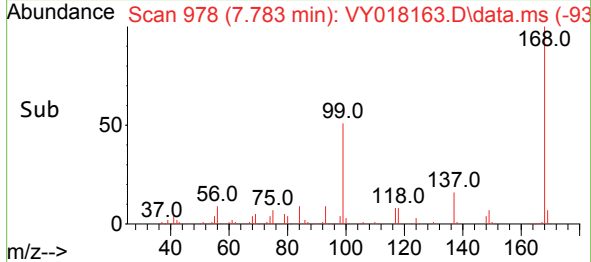
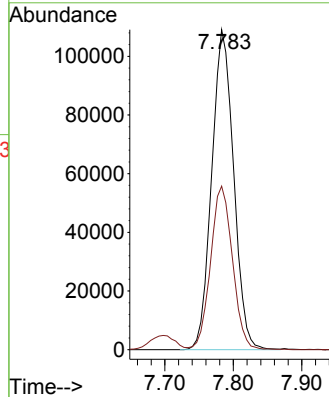
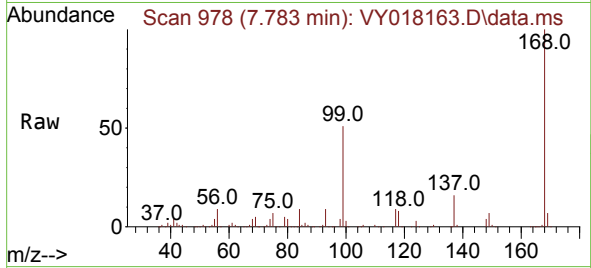
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

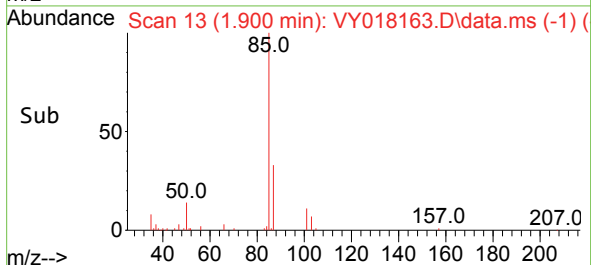
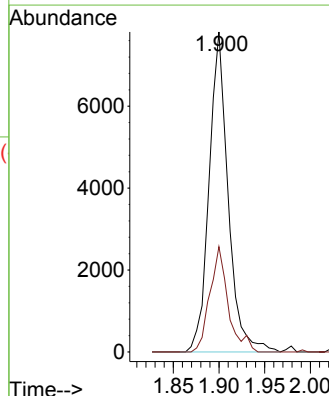
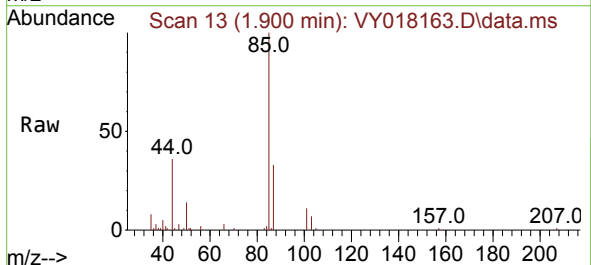
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

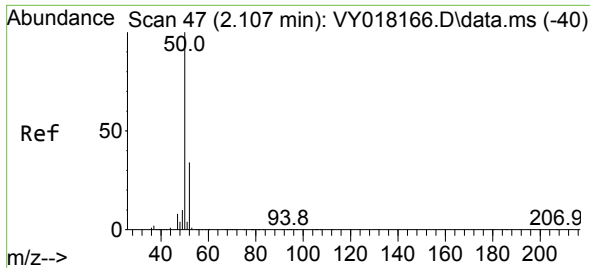
Tgt Ion:168 Resp: 242177
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 5.885 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 85 Resp: 11302
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0

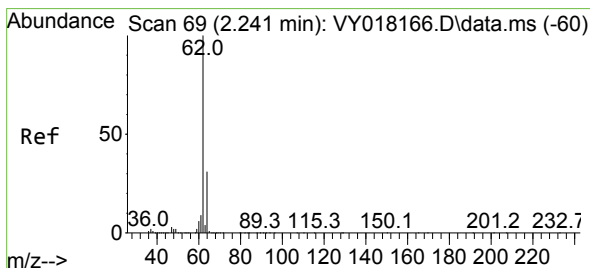
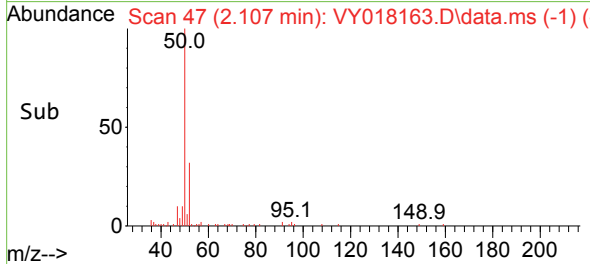
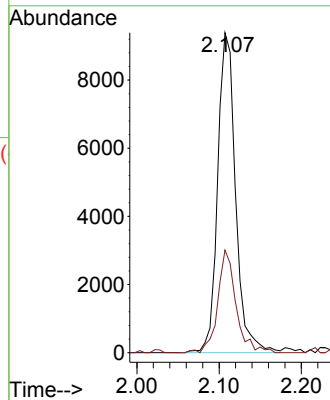
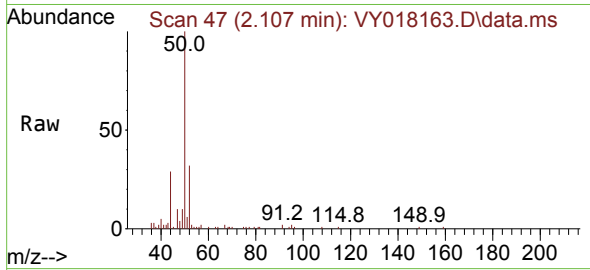




#3
Chloromethane
Concen: 5.535 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

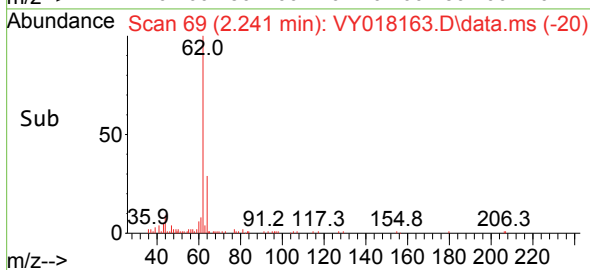
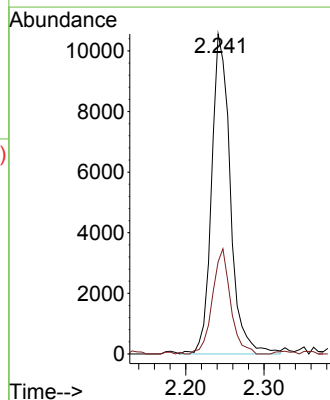
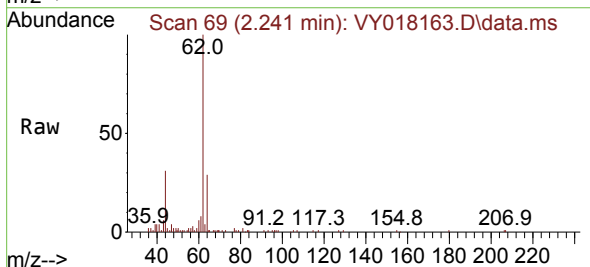
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

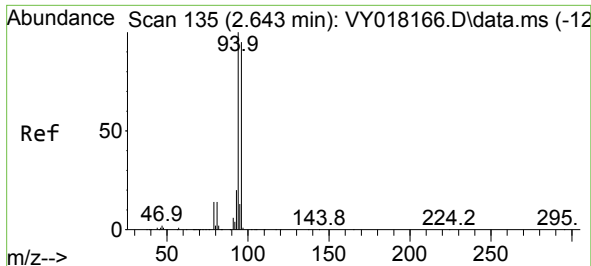
Tgt Ion: 50 Resp: 14229
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4



#4
Vinyl Chloride
Concen: 5.625 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 62 Resp: 17530
Ion Ratio Lower Upper
62 100
64 28.5 26.1 39.1

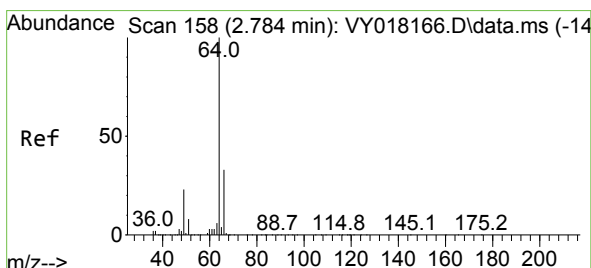
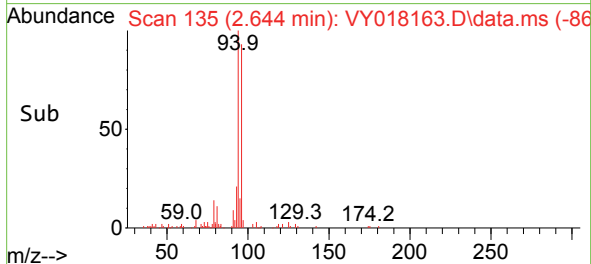
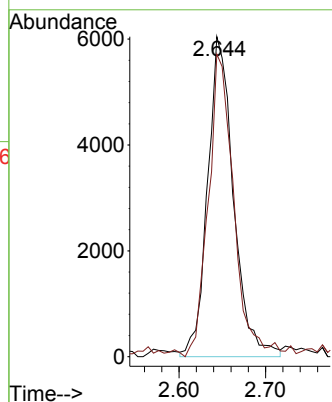
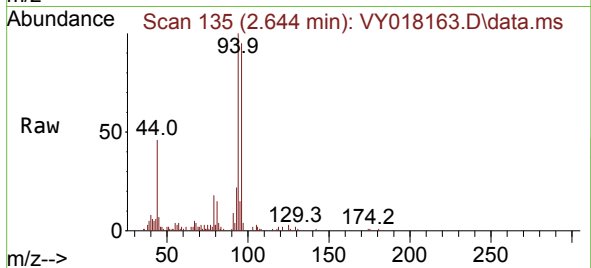




#5
Bromomethane
Concen: 5.803 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

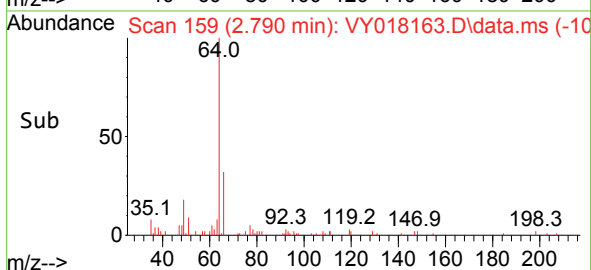
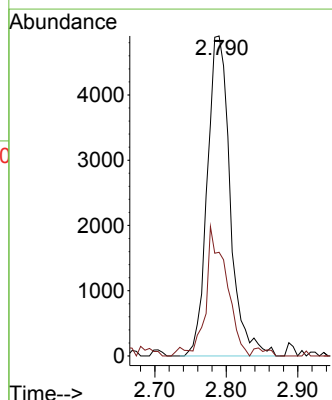
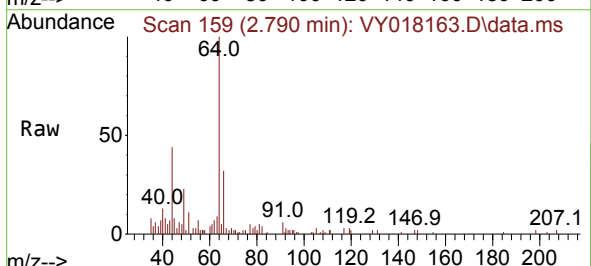
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

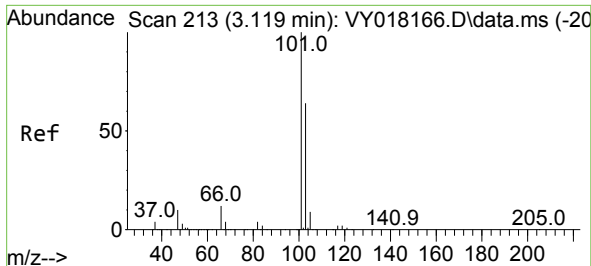
Tgt Ion: 94 Resp: 12559
Ion Ratio Lower Upper
94 100
96 94.7 74.1 111.1



#6
Chloroethane
Concen: 5.515 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 64 Resp: 10909
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1

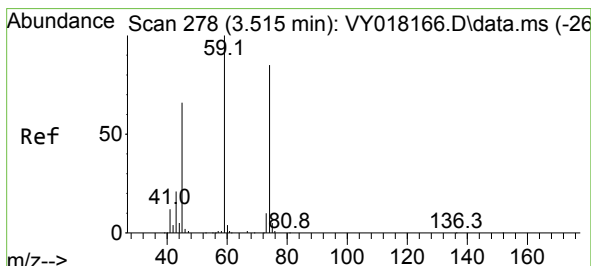
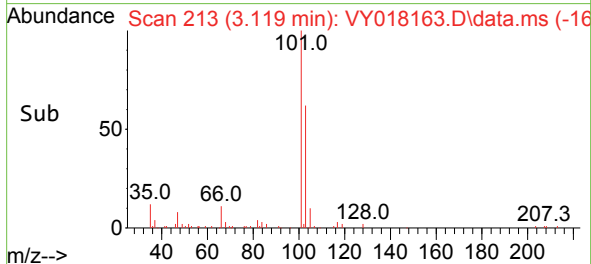
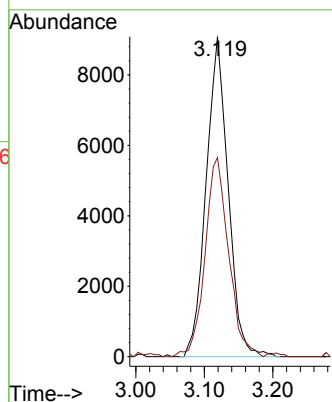
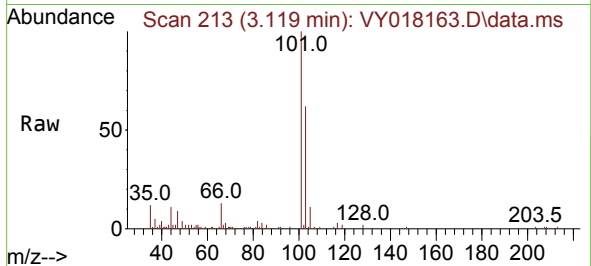




#7
 Trichlorofluoromethane
 Concen: 5.559 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY018163.D
 Acq: 07 May 2024 09:30

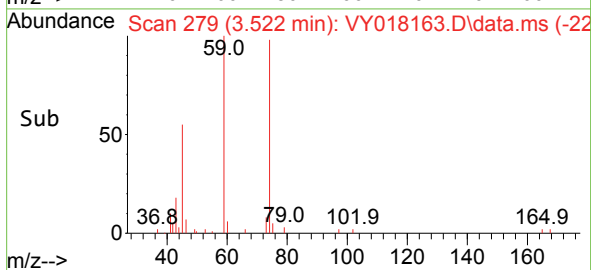
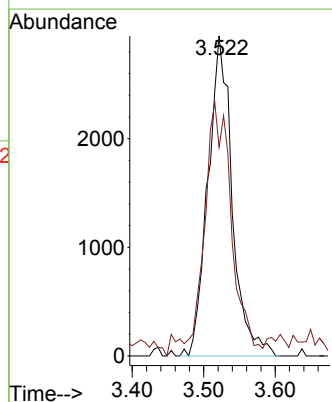
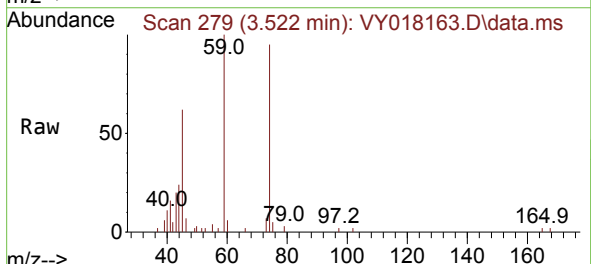
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

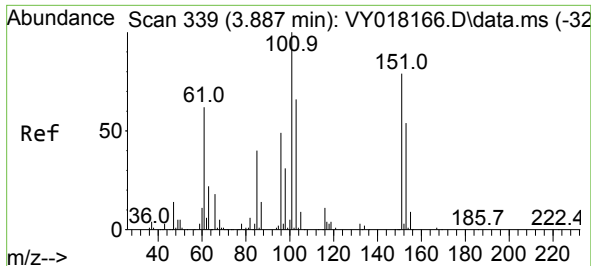
Tgt Ion:101 Resp: 20293
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 5.774 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018163.D
 Acq: 07 May 2024 09:30

Tgt Ion: 74 Resp: 6939
 Ion Ratio Lower Upper
 74 100
 45 82.0 41.3 124.1

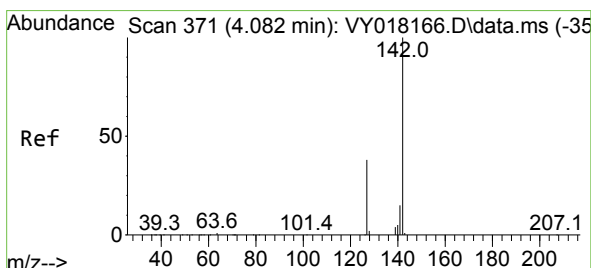
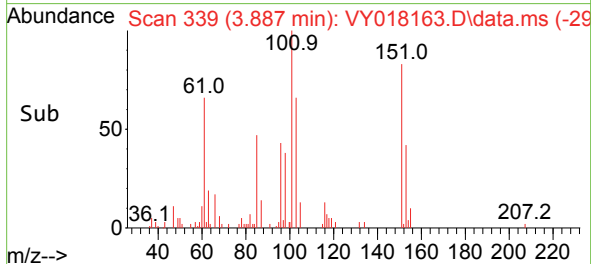
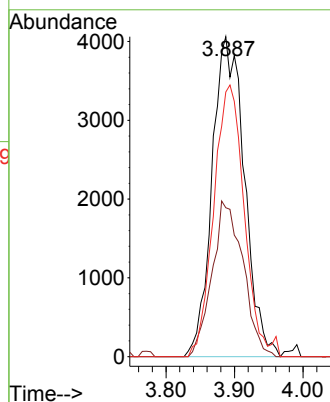
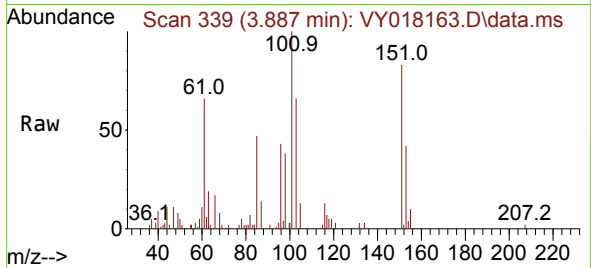




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.693 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

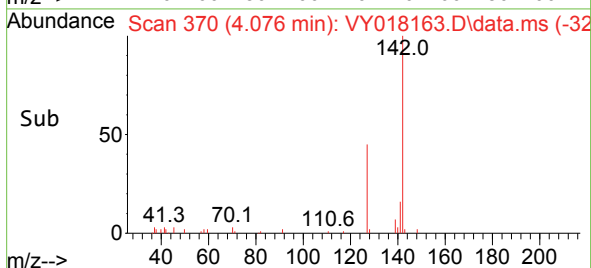
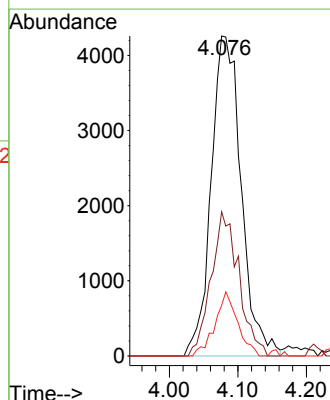
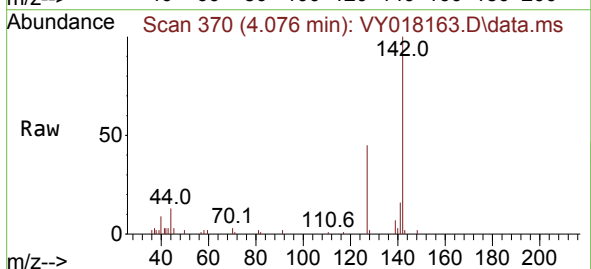
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

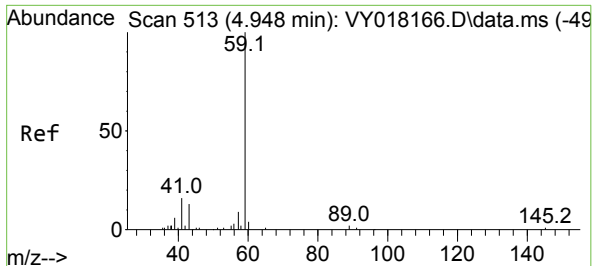
Tgt Ion:101 Resp: 13244
Ion Ratio Lower Upper
101 100
85 46.8 34.5 51.7
151 80.6 61.7 92.5



#10
Methyl Iodide
Concen: 4.764 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion:142 Resp: 12942
Ion Ratio Lower Upper
142 100
127 41.7 32.8 49.2
141 15.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 28.705 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

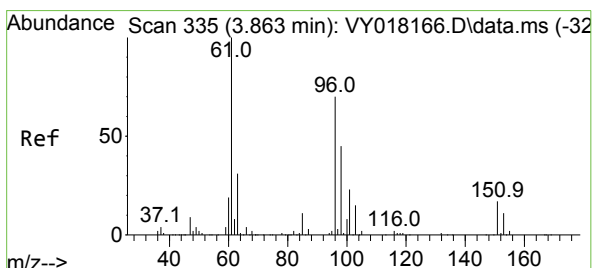
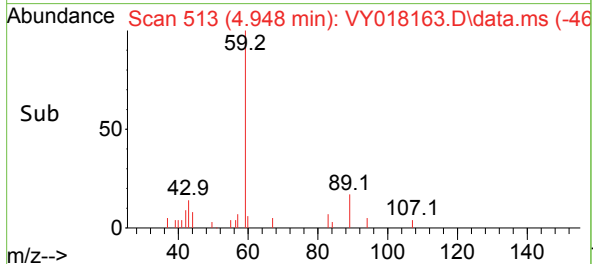
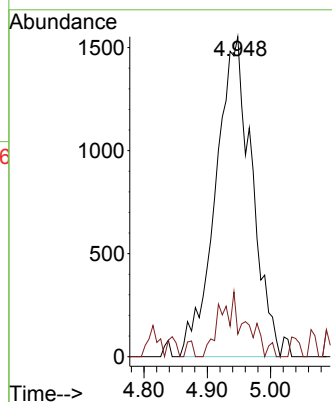
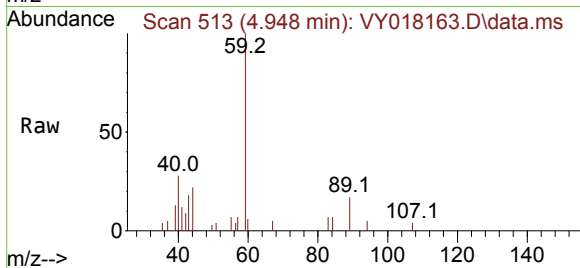
VSTDICC005

Tgt Ion: 59 Resp: 6136

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 5.517 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

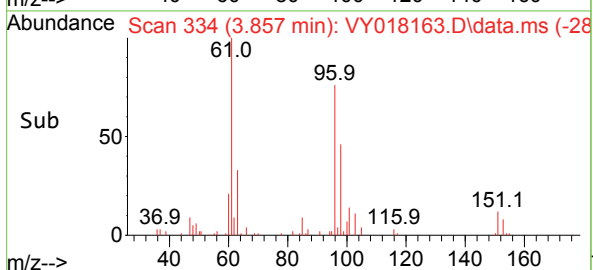
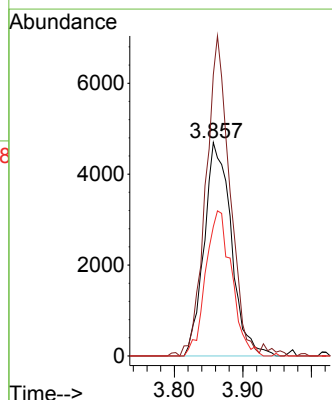
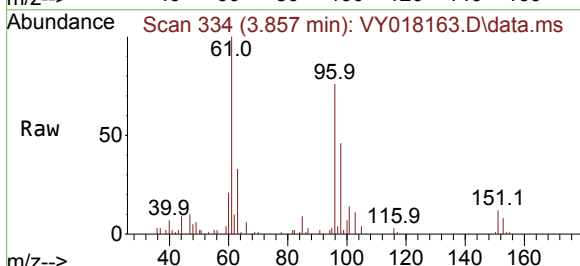
Tgt Ion: 96 Resp: 12920

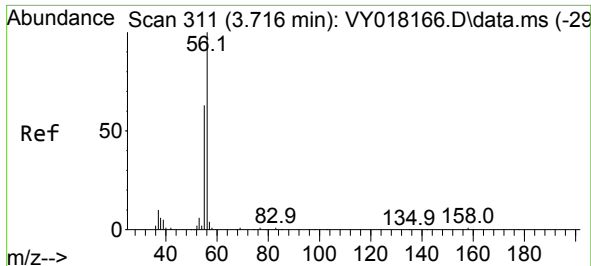
Ion Ratio Lower Upper

96 100

61 131.8 114.6 171.8

98 60.6 50.8 76.2





#13

Acrolein

Concen: 28.914 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.001 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

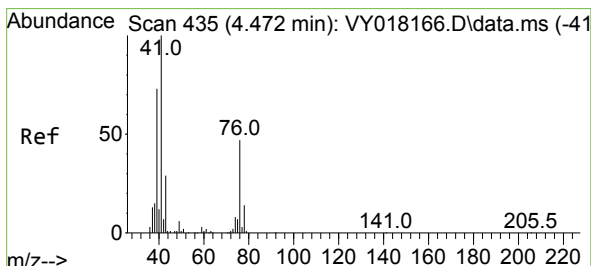
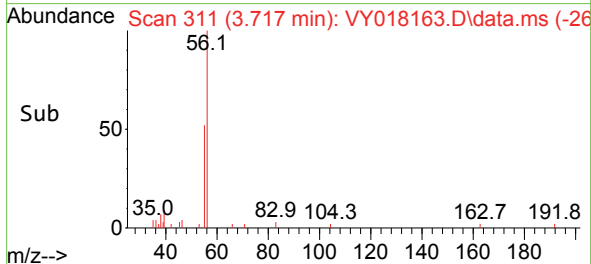
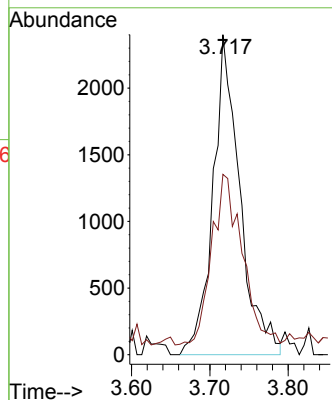
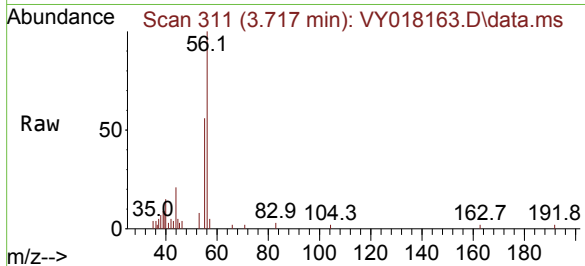
VSTDICC005

Tgt Ion: 56 Resp: 5733

Ion Ratio Lower Upper

56 100

55 59.7 55.7 83.5



#14

Allyl chloride

Concen: 5.218 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

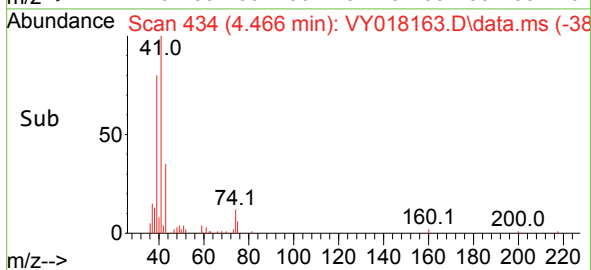
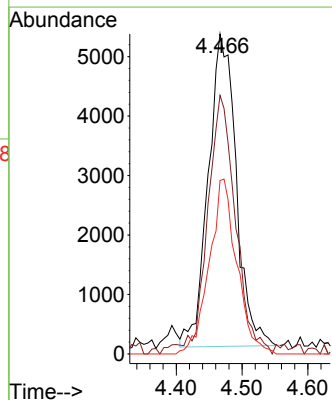
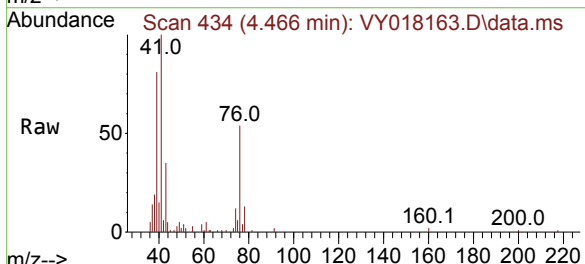
Tgt Ion: 41 Resp: 15548

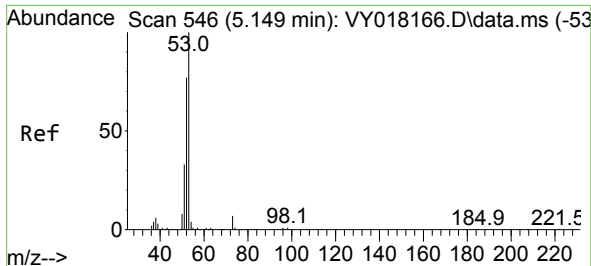
Ion Ratio Lower Upper

41 100

39 83.3 58.3 87.5

76 55.1 39.0 58.6

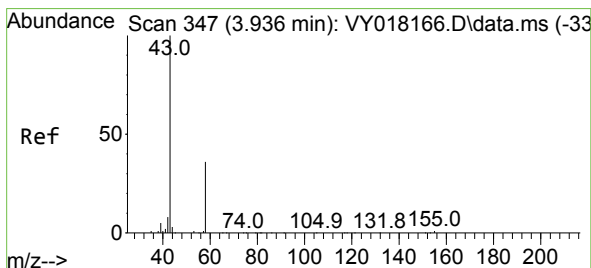
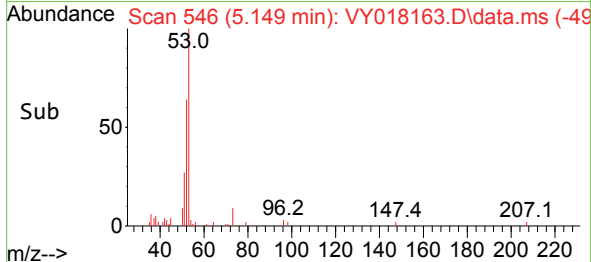
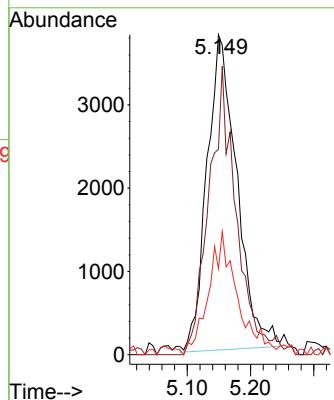
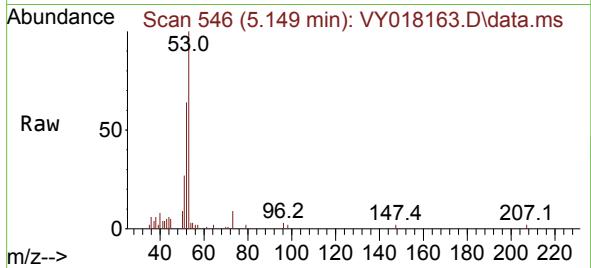




#15
Acrylonitrile
Concen: 26.953 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

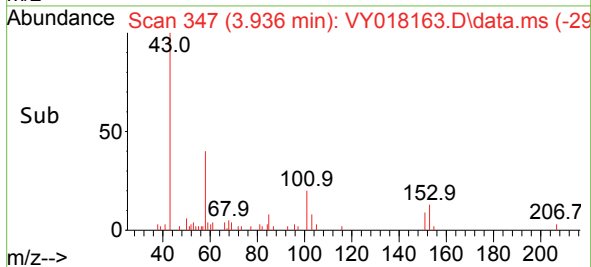
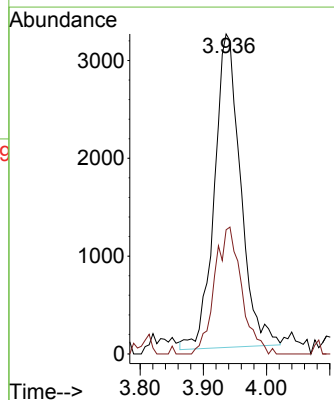
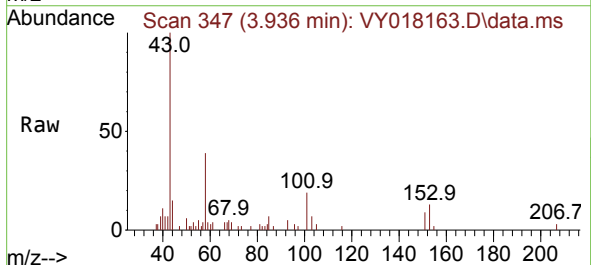
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

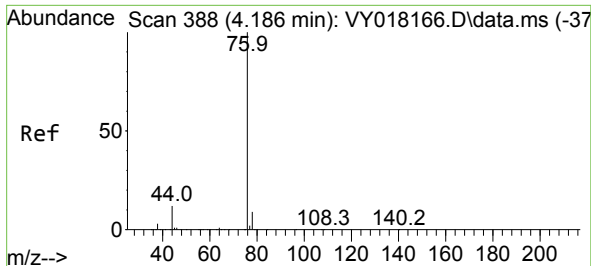
Tgt Ion: 53 Resp: 12456
Ion Ratio Lower Upper
53 100
52 83.9 64.7 97.1
51 37.5 28.4 42.6



#16
Acetone
Concen: 25.887 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 43 Resp: 9204
Ion Ratio Lower Upper
43 100
58 40.2 31.7 47.5

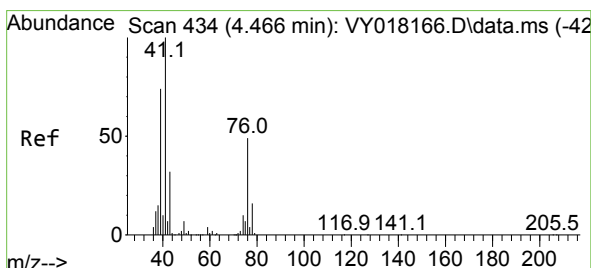
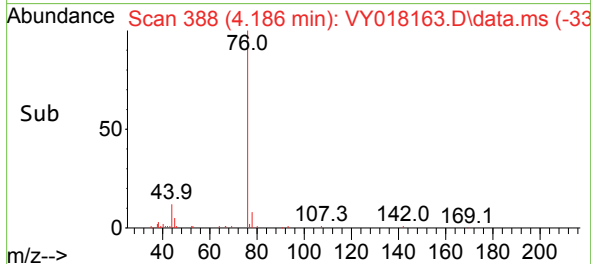
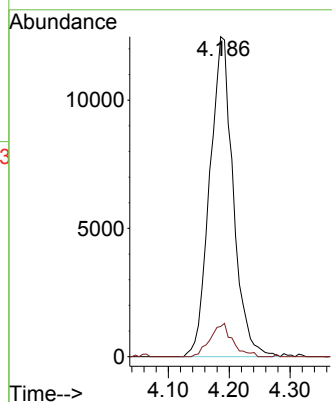
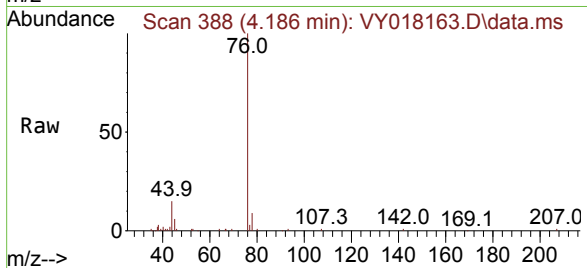




#17
Carbon Disulfide
Concen: 5.222 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

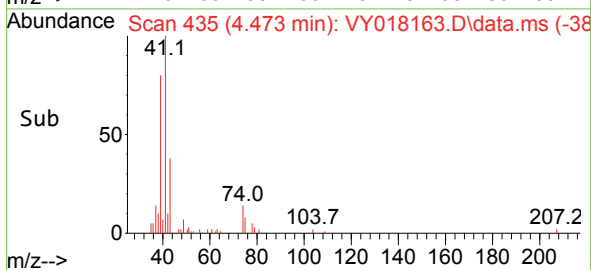
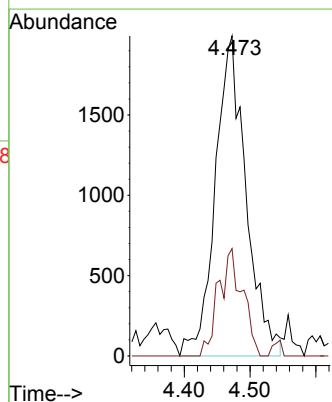
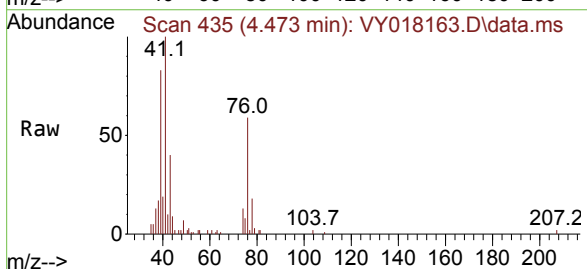
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

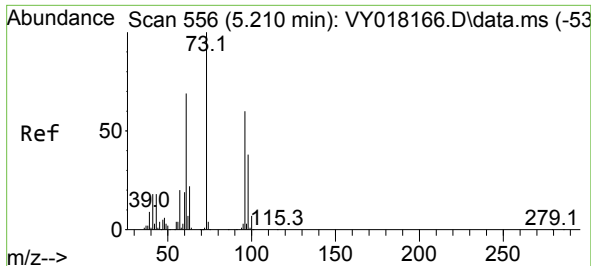
Tgt Ion: 76 Resp: 33298
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 6.396 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 43 Resp: 6478
Ion Ratio Lower Upper
43 100
74 26.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 5.422 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

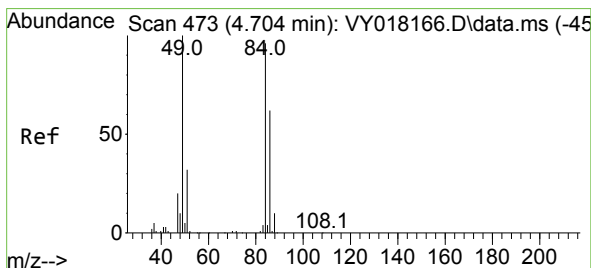
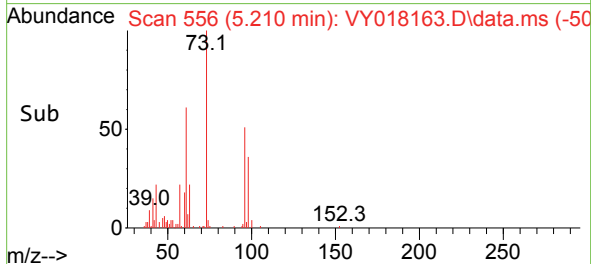
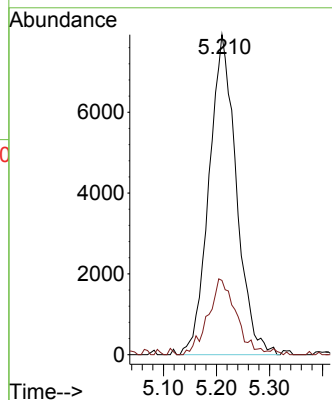
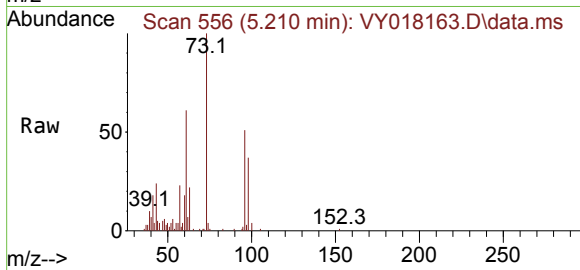
VSTDIC005

Tgt Ion: 73 Resp: 28289

Ion Ratio Lower Upper

73 100

57 23.2 17.3 25.9



#20

Methylene Chloride

Concen: 5.969 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Tgt Ion: 84 Resp: 15001

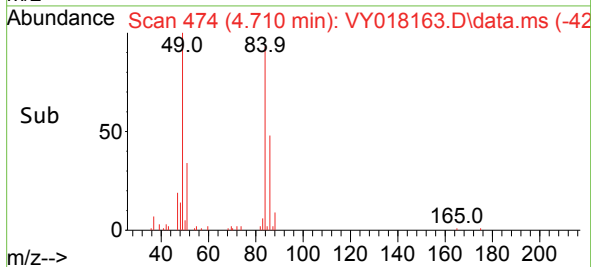
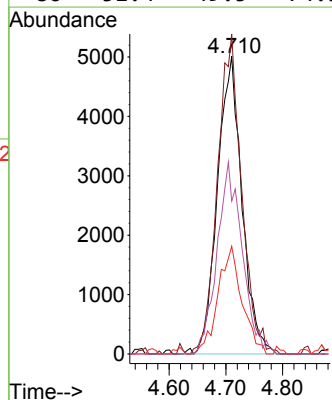
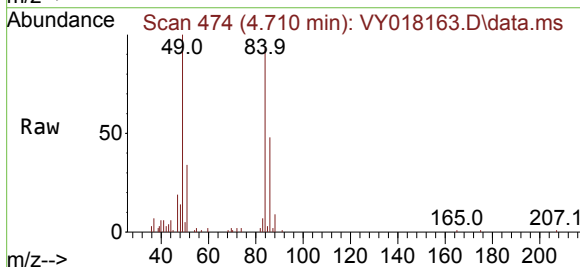
Ion Ratio Lower Upper

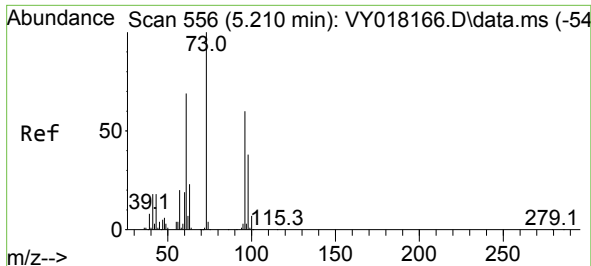
84 100

49 107.5 84.4 126.6

51 34.9 26.0 39.0

86 51.4 49.5 74.3

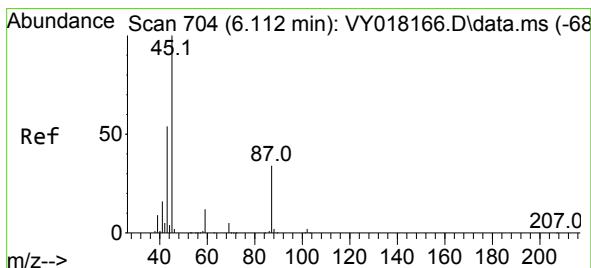
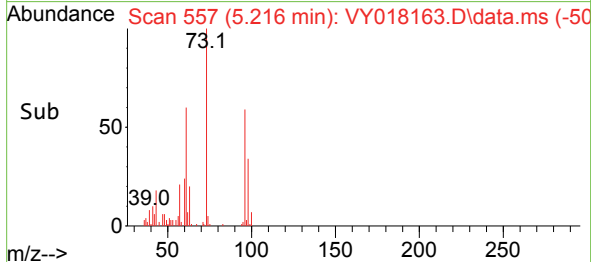
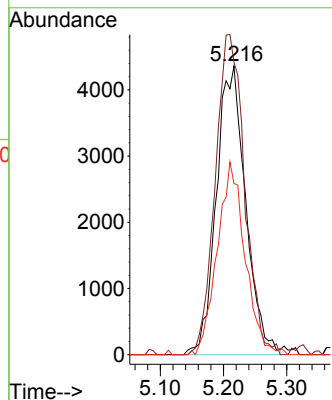
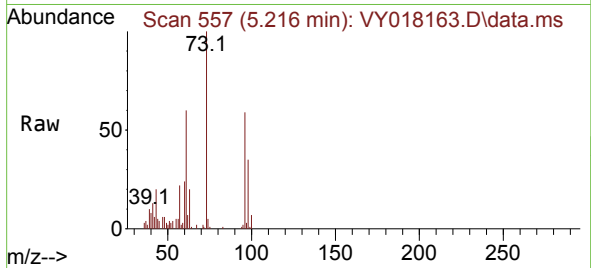




#21
trans-1,2-Dichloroethene
Concen: 5.629 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

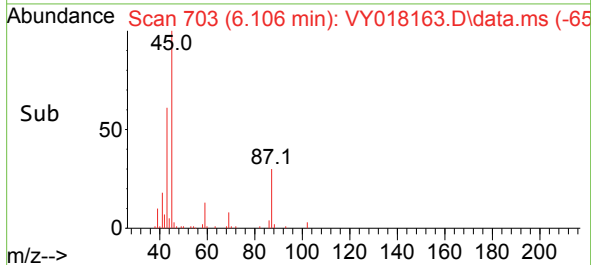
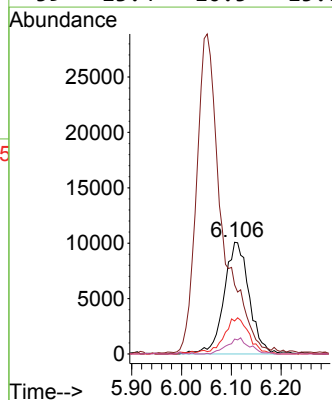
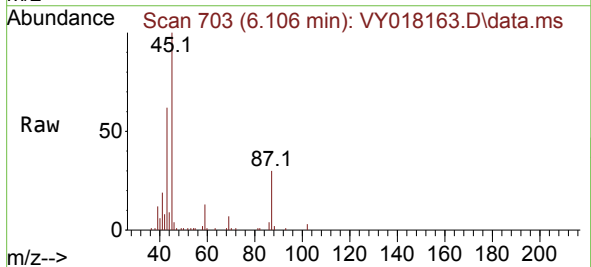
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

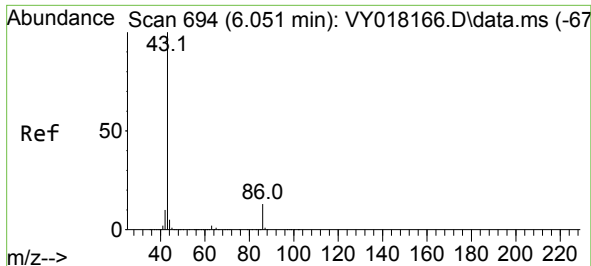
Tgt Ion: 96 Resp: 13976
Ion Ratio Lower Upper
96 100
61 101.4 97.5 146.3
98 59.3 50.5 75.7



#22
Diisopropyl ether
Concen: 5.557 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 45 Resp: 35120
Ion Ratio Lower Upper
45 100
43 59.6 42.2 63.2
87 29.5 25.0 37.6
59 13.4 10.5 15.7

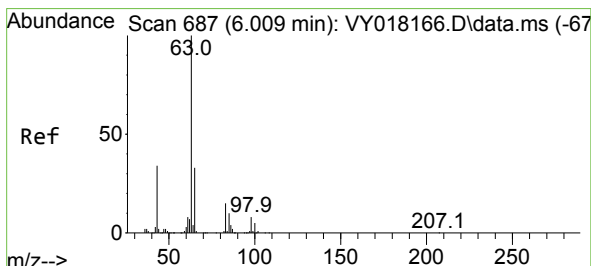
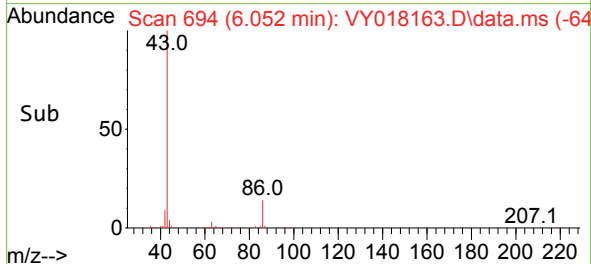
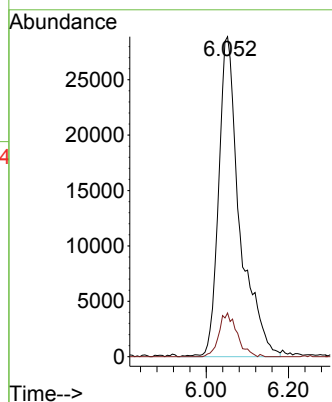
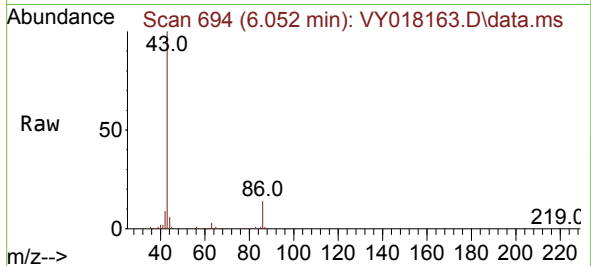




#23
 Vinyl Acetate
 Concen: 26.777 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018163.D
 Acq: 07 May 2024 09:30

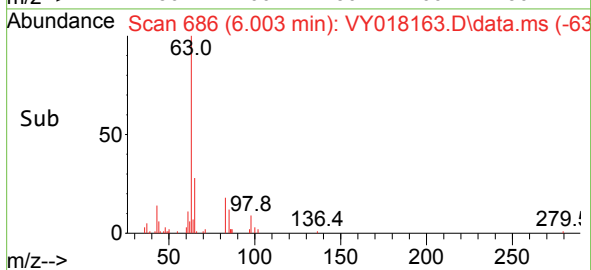
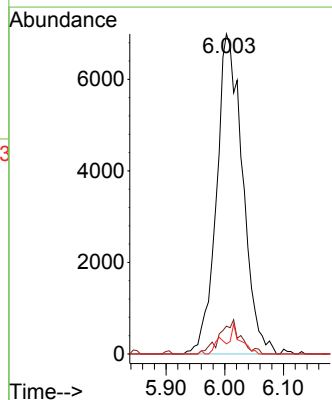
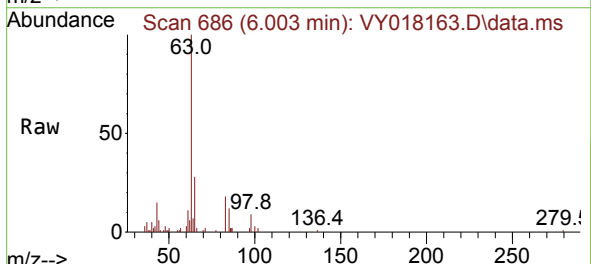
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

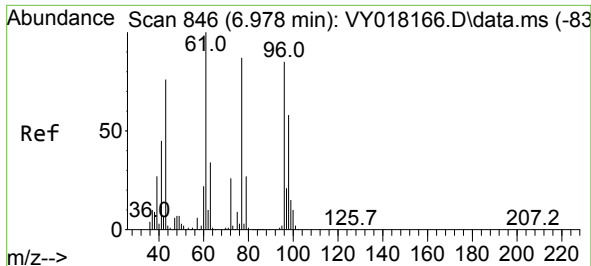
Tgt Ion: 43 Resp: 102863
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 5.530 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY018163.D
 Acq: 07 May 2024 09:30

Tgt Ion: 63 Resp: 21529
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.0 12.2
 100 3.2 2.6 8.0

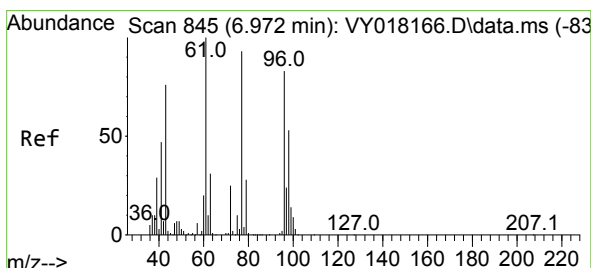
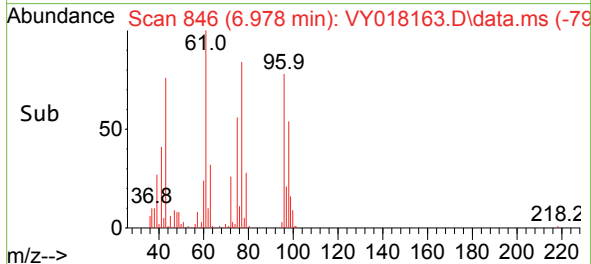
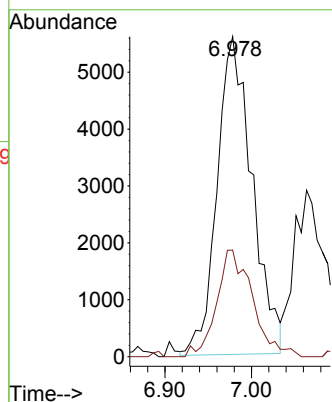
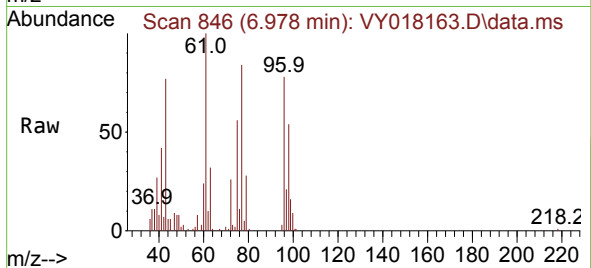




#25
2-Butanone
Concen: 27.593 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

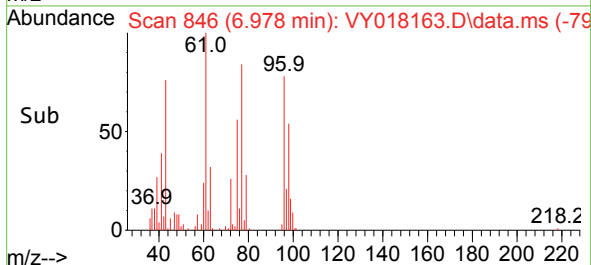
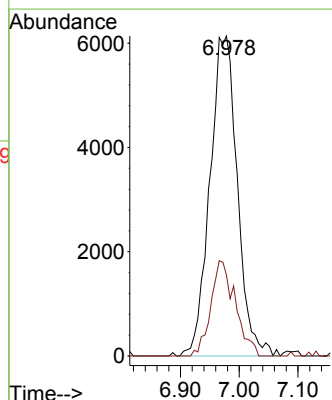
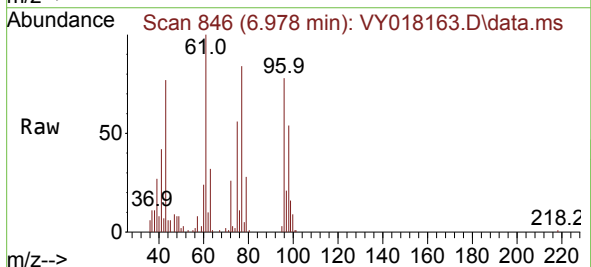
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

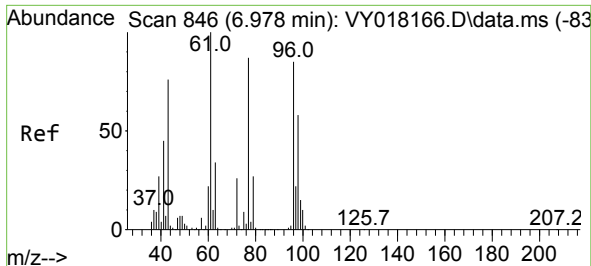
Tgt Ion: 43 Resp: 15682
Ion Ratio Lower Upper
43 100
72 33.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 5.656 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 77 Resp: 19928
Ion Ratio Lower Upper
77 100
97 26.6 12.0 36.1

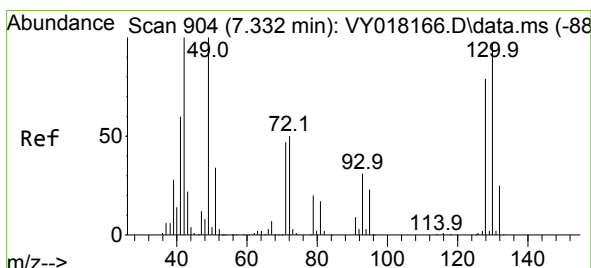
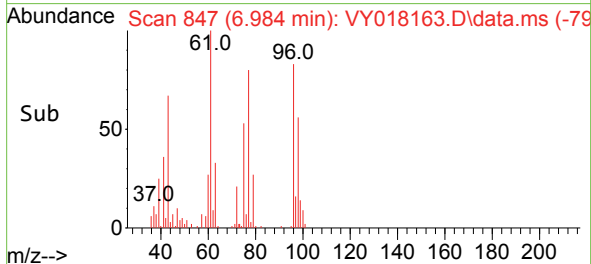
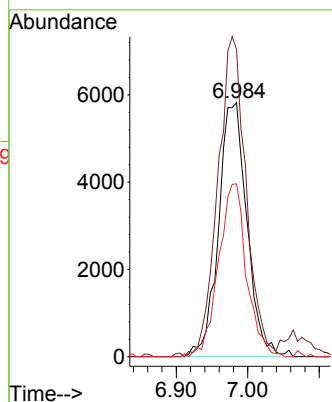
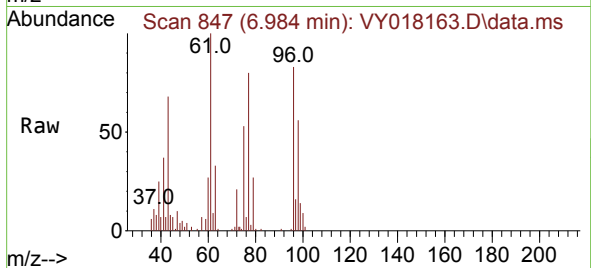




#27
 cis-1,2-Dichloroethene
 Concen: 5.455 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY018163.D
 Acq: 07 May 2024 09:30

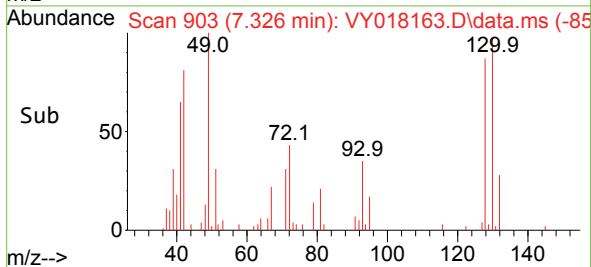
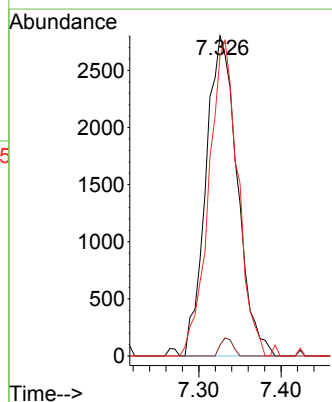
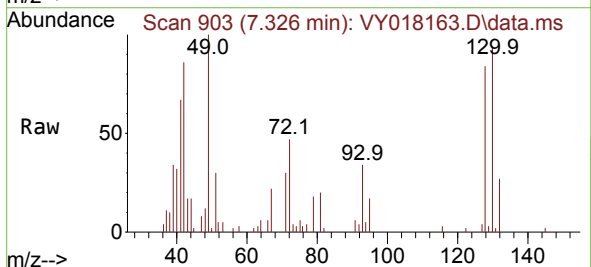
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

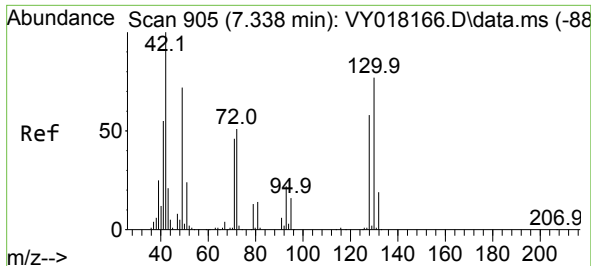
Tgt Ion: 96 Resp: 16005
 Ion Ratio Lower Upper
 96 100
 61 125.2 0.0 256.2
 98 67.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 4.787 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018163.D
 Acq: 07 May 2024 09:30

Tgt Ion: 49 Resp: 7448
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 91.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 28.786 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

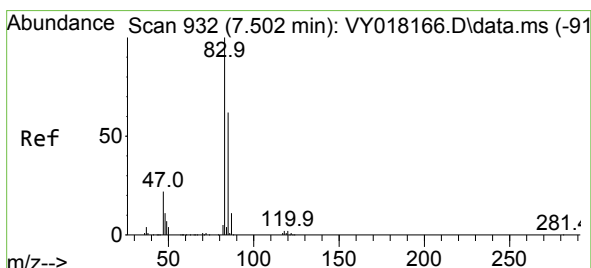
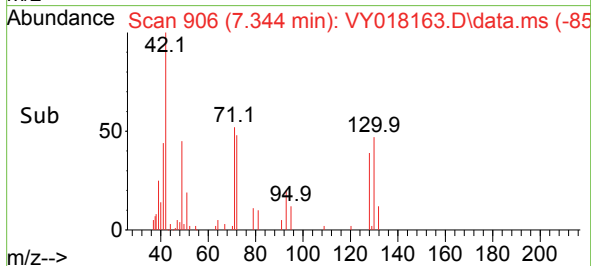
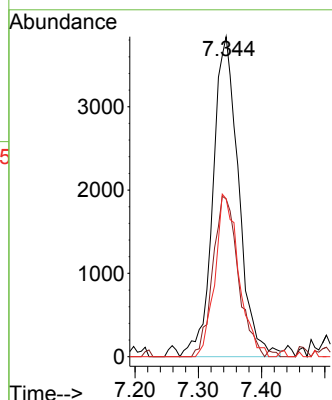
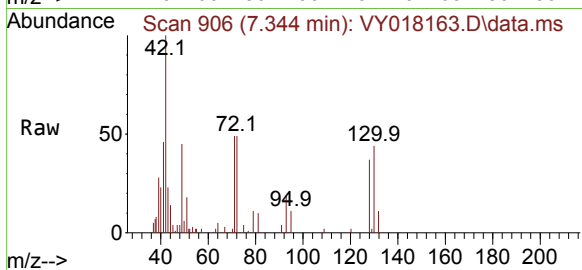
Tgt Ion: 42 Resp: 10799

Ion Ratio Lower Upper

42 100

72 49.7 43.0 64.4

71 47.2 40.8 61.2



#30

Chloroform

Concen: 5.689 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018163.D

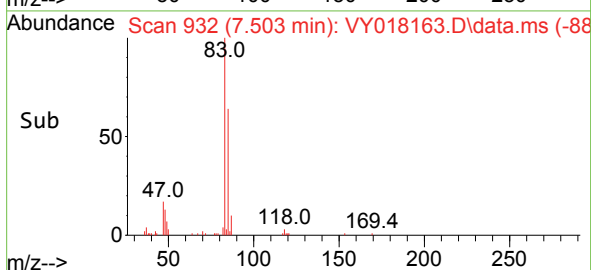
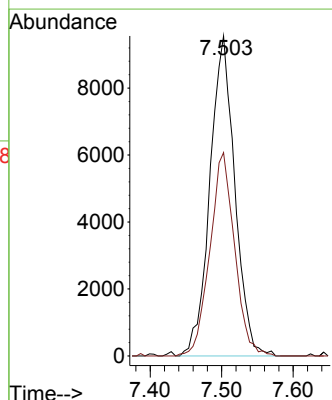
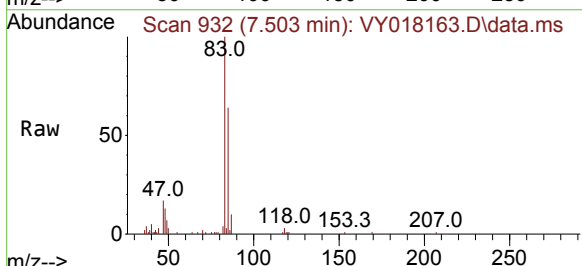
Acq: 07 May 2024 09:30

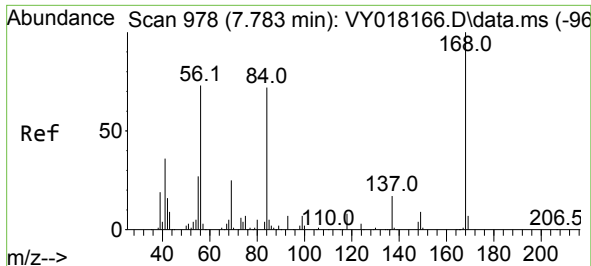
Tgt Ion: 83 Resp: 23118

Ion Ratio Lower Upper

83 100

85 63.5 52.2 78.4

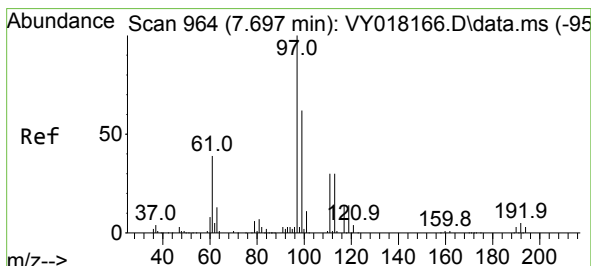
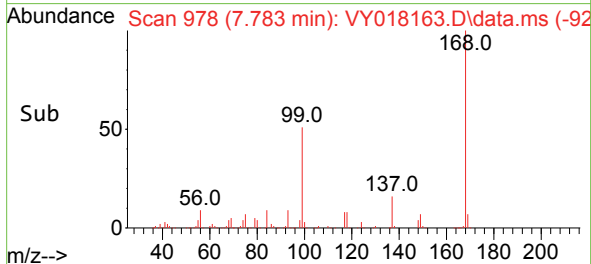
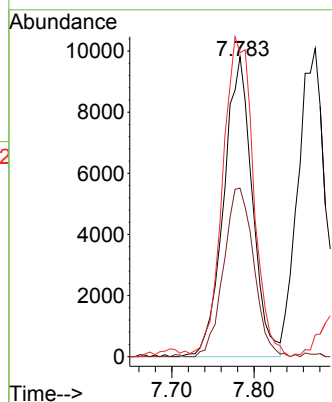
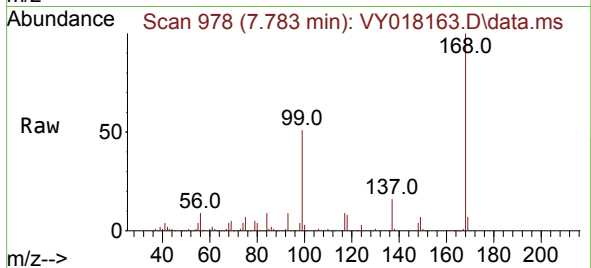




#31
Cyclohexane
Concen: 4.886 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

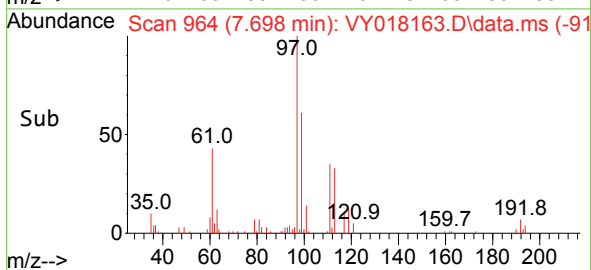
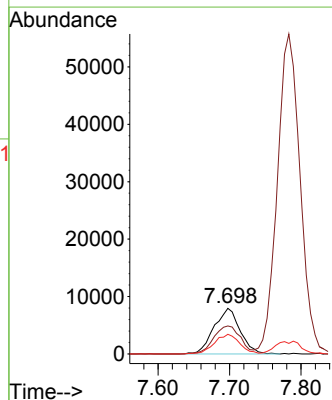
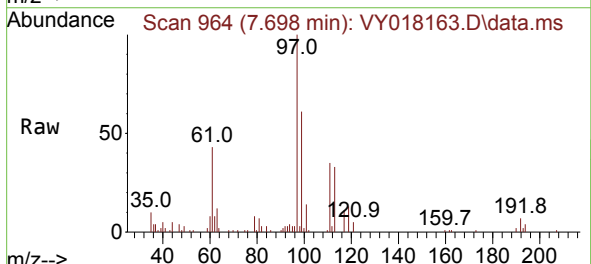
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

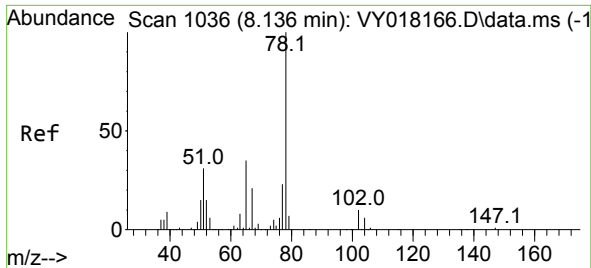
Tgt Ion: 56 Resp: 23676
Ion Ratio Lower Upper
56 100
69 55.6 28.7 43.1#
84 100.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 5.518 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 97 Resp: 20099
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 42.0 32.6 48.8

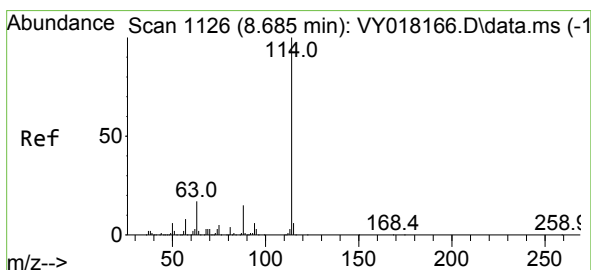
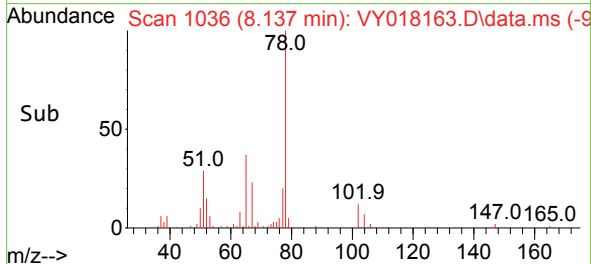
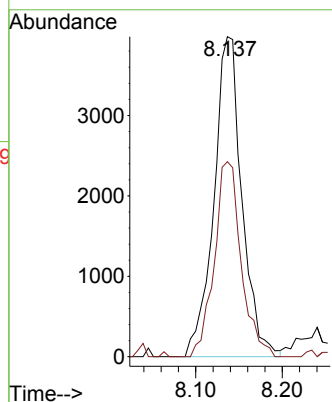
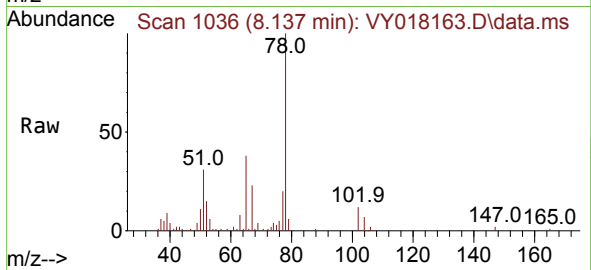




#33
1,2-Dichloroethane-d4
Concen: 5.027 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

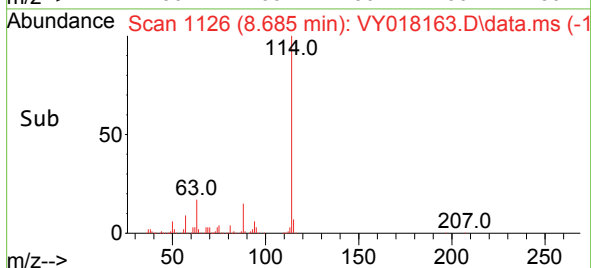
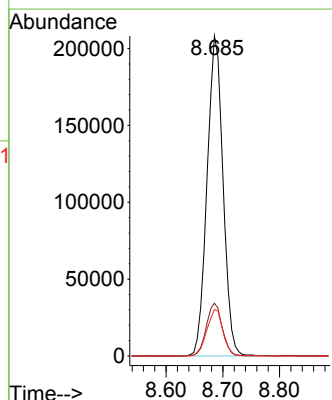
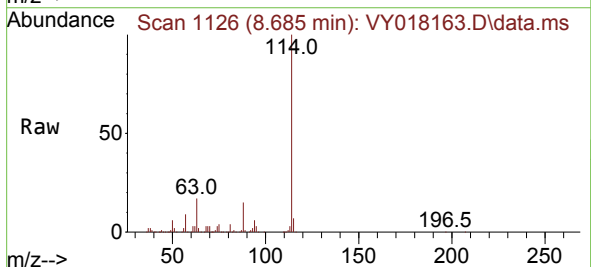
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

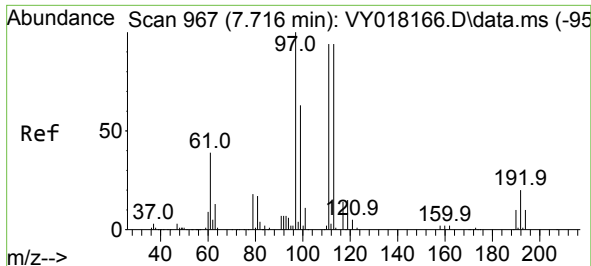
Tgt Ion: 65 Resp: 8956
Ion Ratio Lower Upper
65 100
67 58.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 114 Resp: 407928
Ion Ratio Lower Upper
114 100
63 16.5 0.0 35.0
88 14.6 0.0 27.2

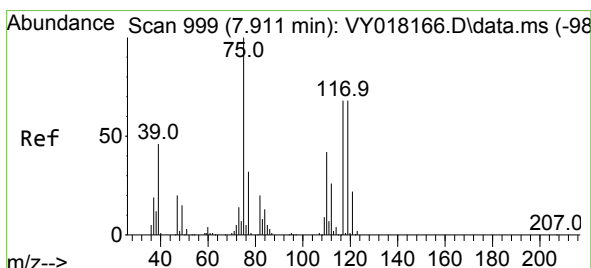
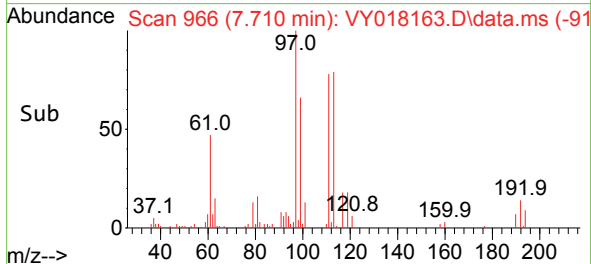
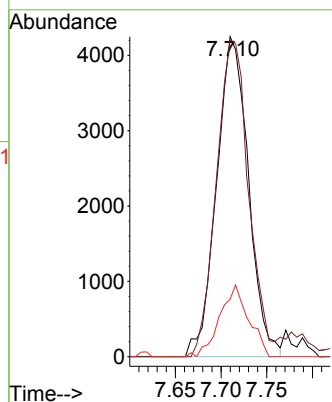
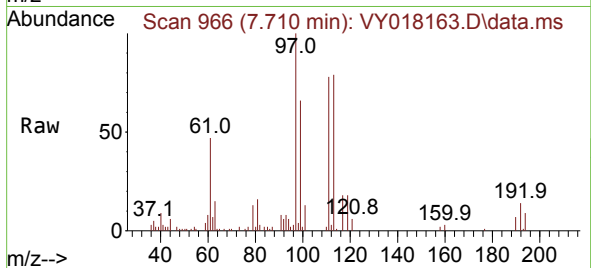




#35
Dibromofluoromethane
Concen: 4.799 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

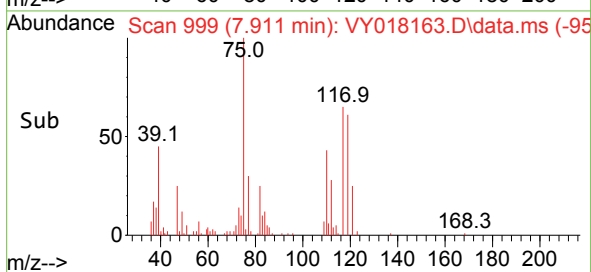
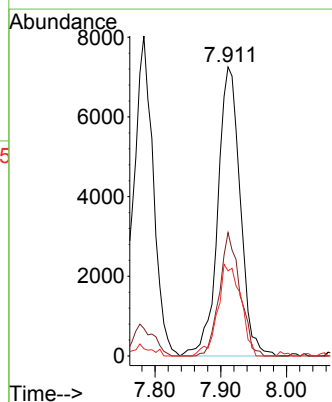
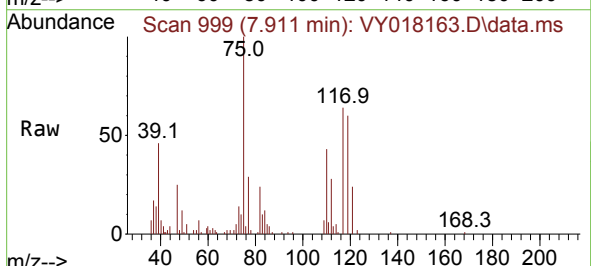
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

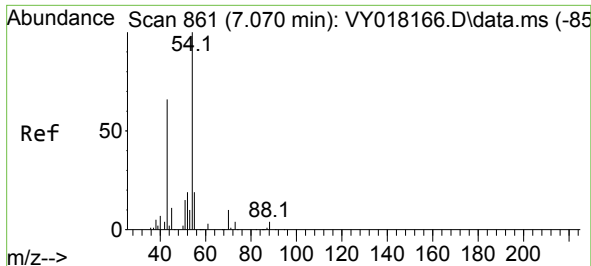
Tgt Ion:113 Resp: 10289
Ion Ratio Lower Upper
113 100
111 100.1 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.609 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 75 Resp: 17238
Ion Ratio Lower Upper
75 100
110 39.2 19.0 57.0
77 32.6 25.3 37.9





#37

Ethyl Acetate

Concen: 5.561 ug/l

RT: 7.064 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

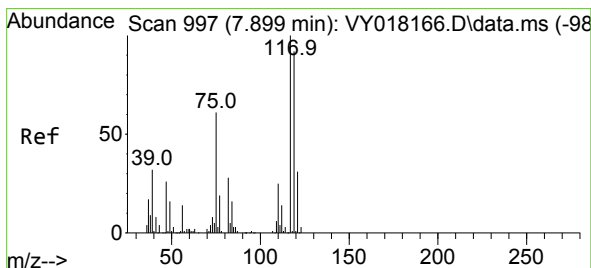
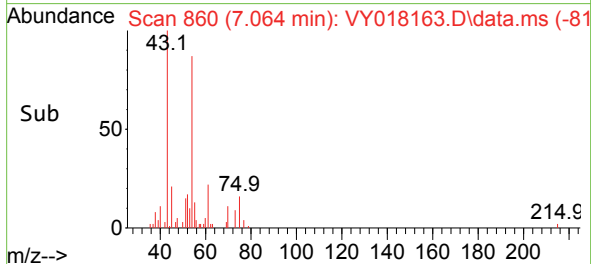
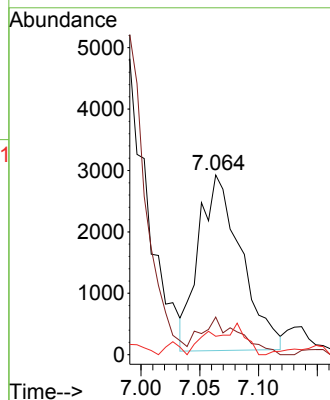
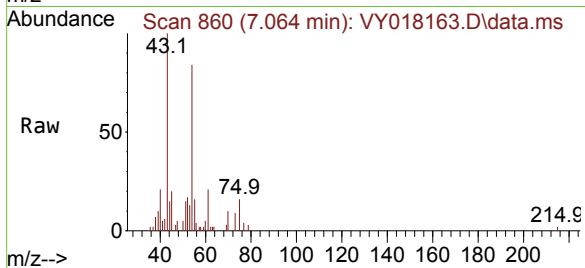
Tgt Ion: 43 Resp: 7194

Ion Ratio Lower Upper

43 100

61 19.2 12.6 19.0#

70 5.8 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.393 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

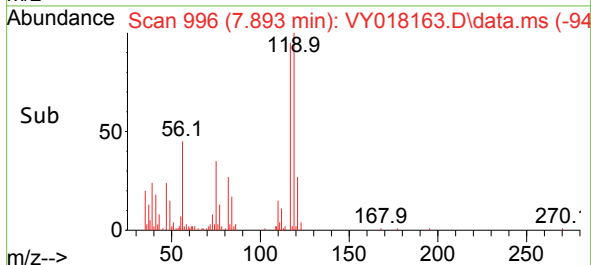
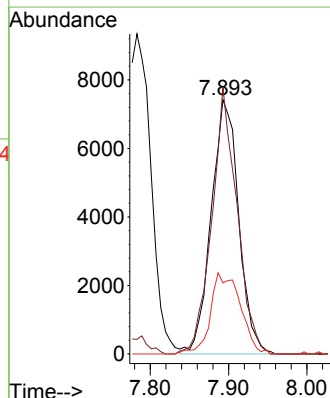
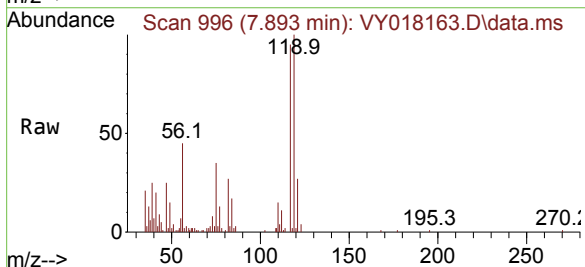
Tgt Ion: 117 Resp: 18111

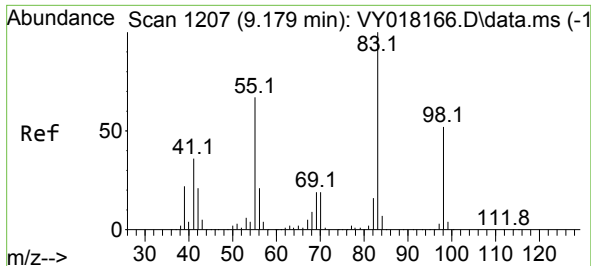
Ion Ratio Lower Upper

117 100

119 105.0 75.8 113.6

121 27.9 24.0 36.0





#39

Methylcyclohexane

Concen: 5.669 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

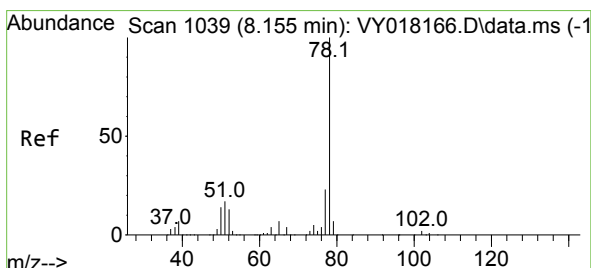
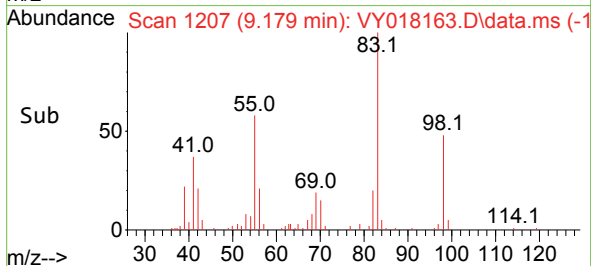
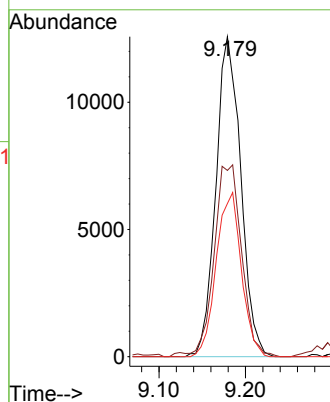
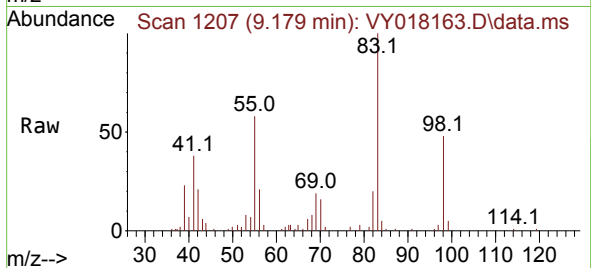
Tgt Ion: 83 Resp: 25136

Ion Ratio Lower Upper

83 100

55 58.2 51.5 77.3

98 47.9 40.5 60.7



#40

Benzene

Concen: 5.445 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018163.D

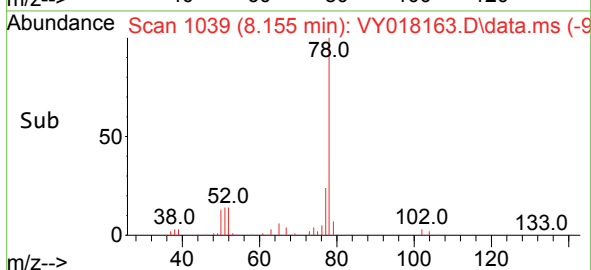
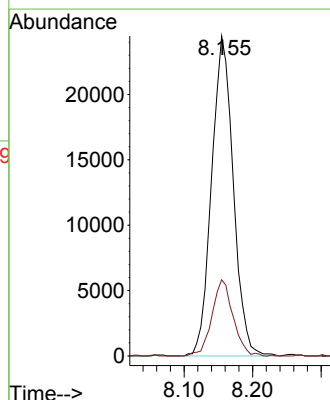
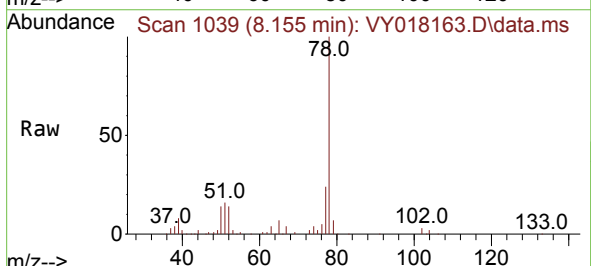
Acq: 07 May 2024 09:30

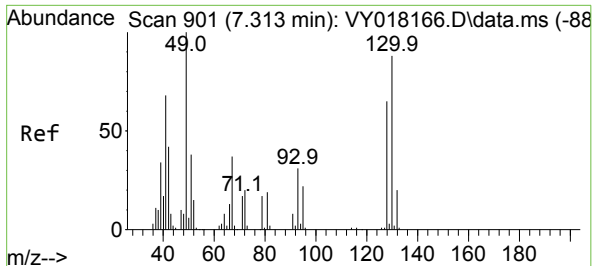
Tgt Ion: 78 Resp: 53825

Ion Ratio Lower Upper

78 100

77 23.8 19.5 29.3

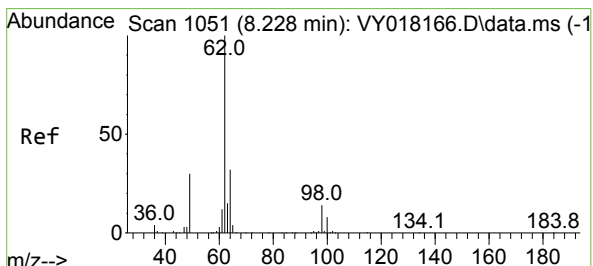
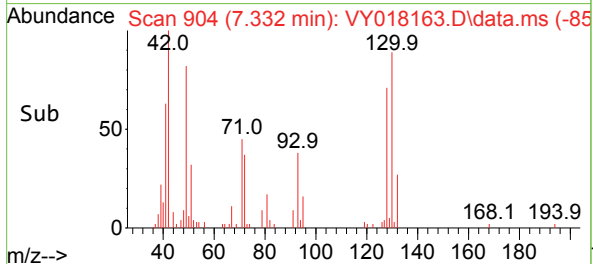
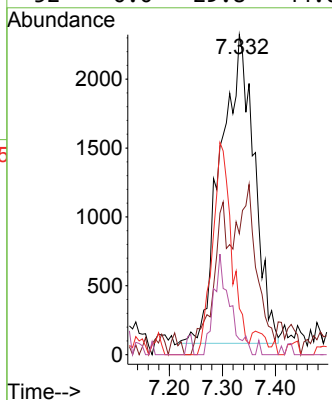
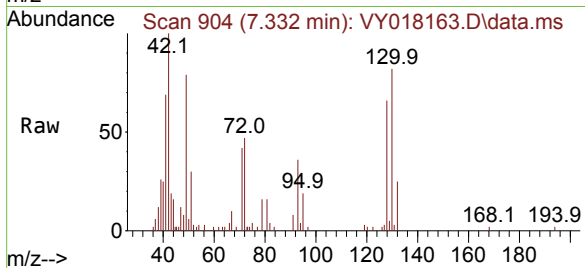




#41
Methacrylonitrile
Concen: 13.093 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

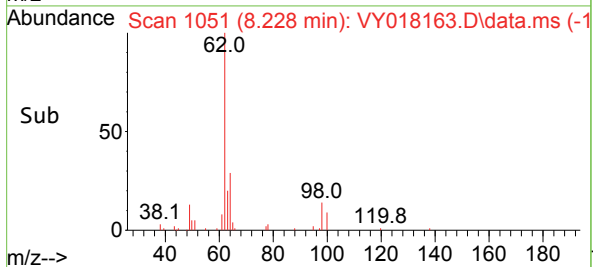
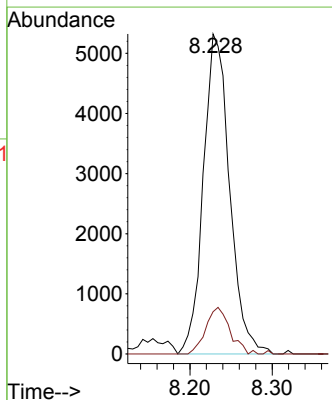
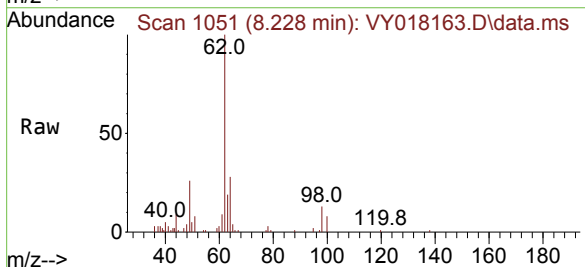
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

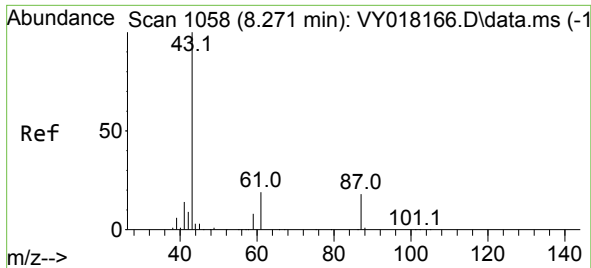
Tgt Ion: 41 Resp: 9780
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 5.493 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 62 Resp: 11815
Ion Ratio Lower Upper
62 100
98 13.4 0.0 22.0

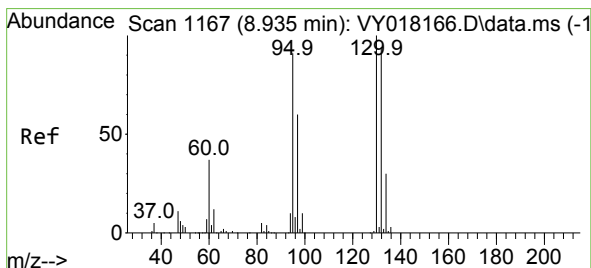
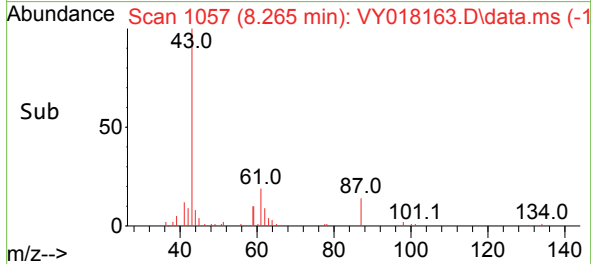
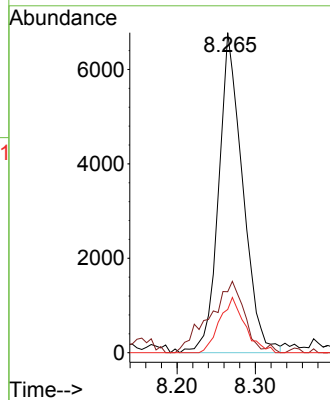
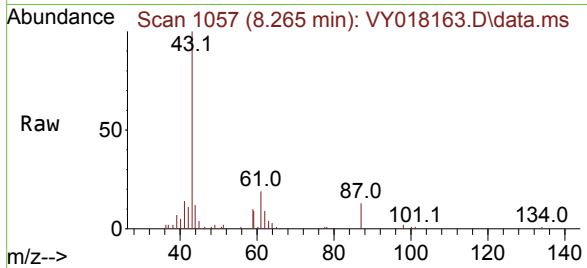




#43
Isopropyl Acetate
Concen: 5.448 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

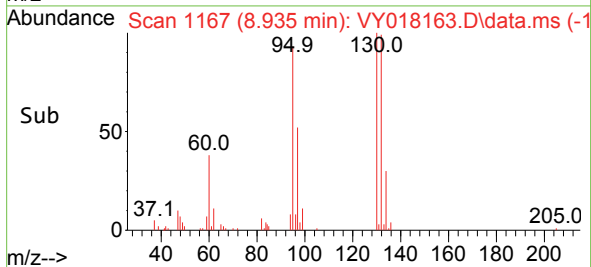
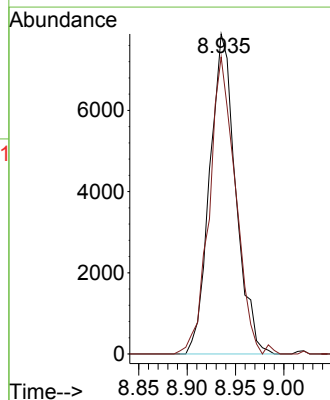
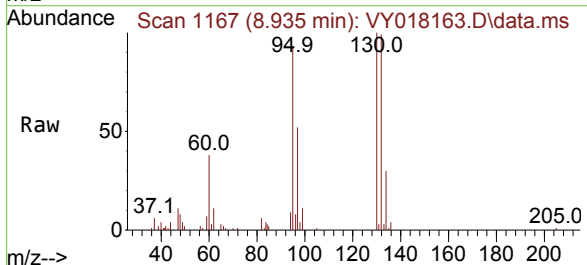
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

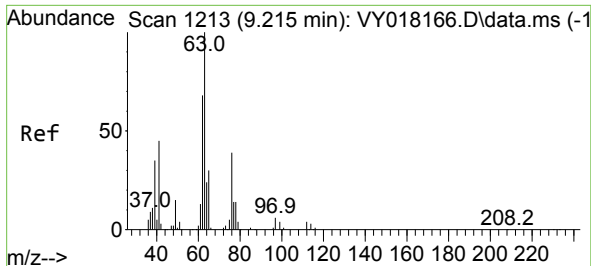
Tgt Ion: 43 Resp: 14444
Ion Ratio Lower Upper
43 100
61 31.8 27.9 41.9
87 18.2 13.1 19.7



#44
Trichloroethene
Concen: 5.479 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion:130 Resp: 14745
Ion Ratio Lower Upper
130 100
95 92.8 0.0 188.0

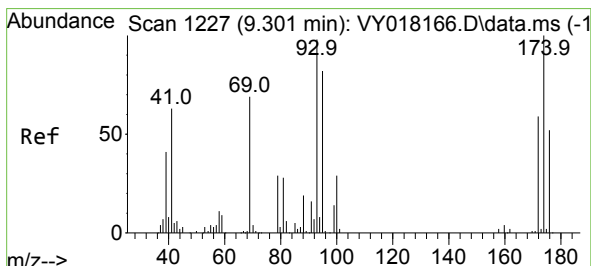
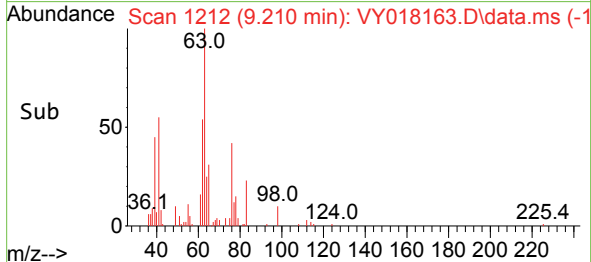
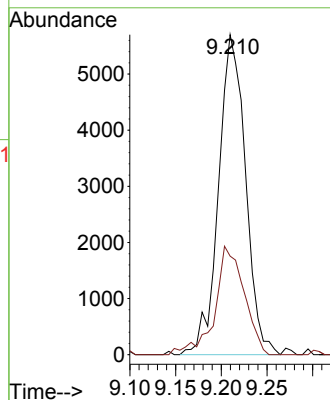
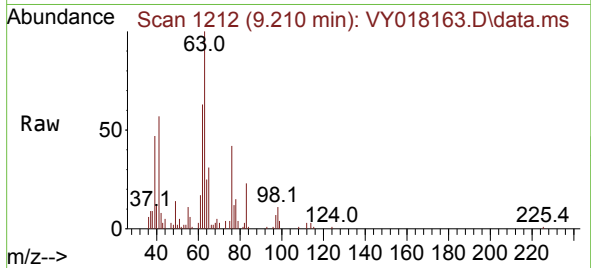




#45
1,2-Dichloropropane
Concen: 5.417 ug/l
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

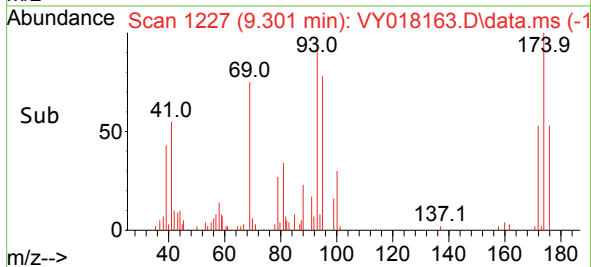
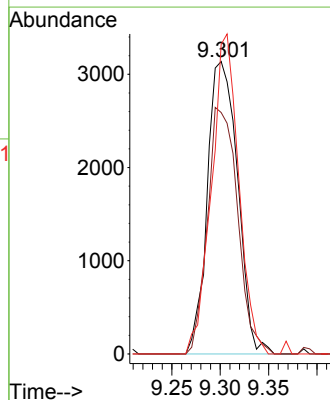
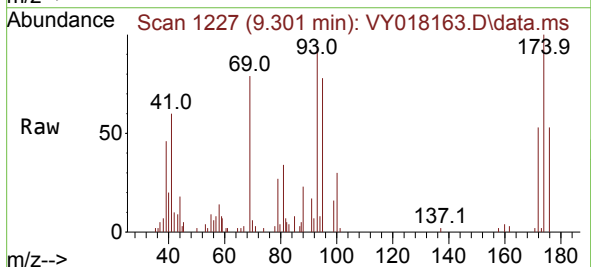
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

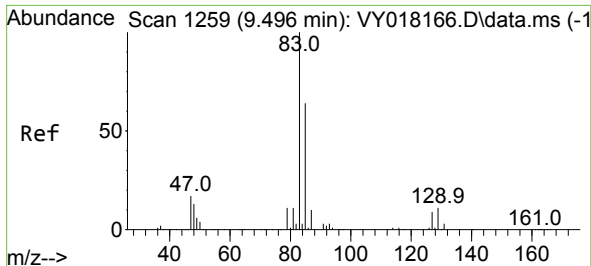
Tgt Ion: 63 Resp: 11707
Ion Ratio Lower Upper
63 100
65 30.8 25.4 38.2



#46
Dibromomethane
Concen: 5.472 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 93 Resp: 6799
Ion Ratio Lower Upper
93 100
95 84.3 66.2 99.4
174 99.0 80.9 121.3

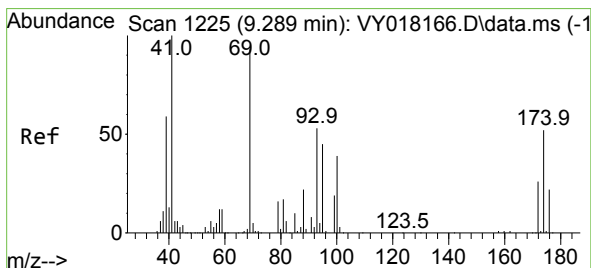
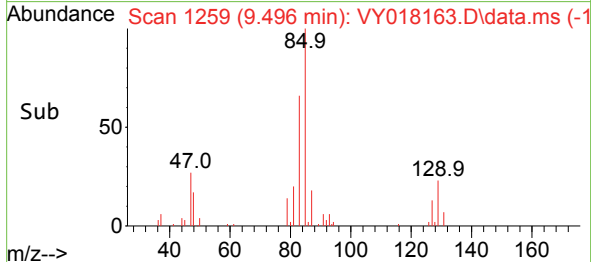
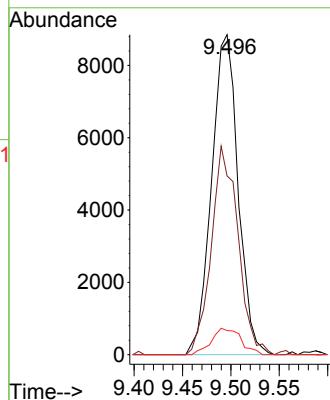
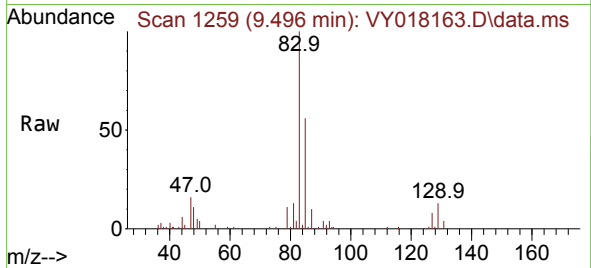




#47
Bromodichloromethane
Concen: 5.480 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

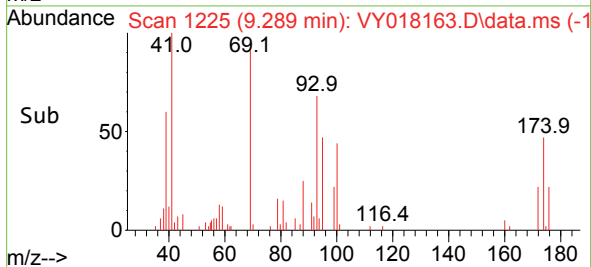
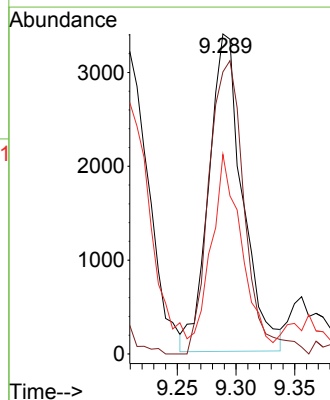
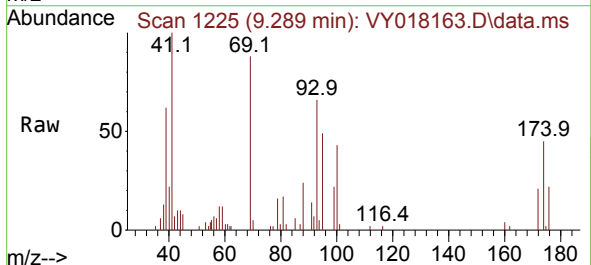
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

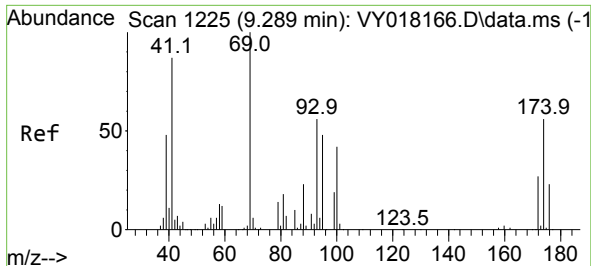
Tgt Ion:	83	Resp:	16832
Ion	Ratio	Lower	Upper
83	100		
85	55.8	50.1	75.1
127	7.5	7.4	11.0



#48
Methyl methacrylate
Concen: 5.581 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion:	41	Resp:	6782
Ion	Ratio	Lower	Upper
41	100		
69	96.9	84.1	126.1
39	50.0	43.6	65.4

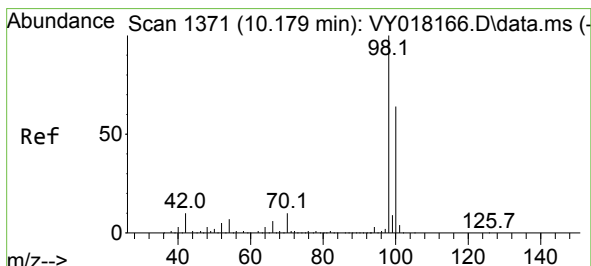
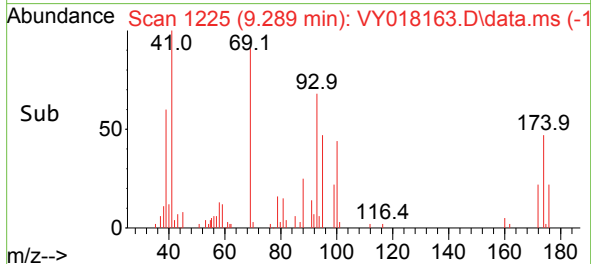
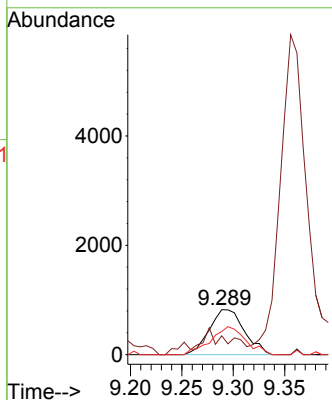
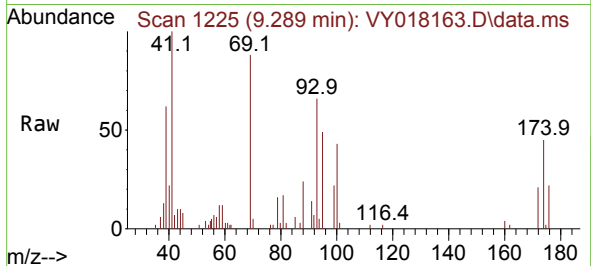




#49
1,4-Dioxane
Concen: 118.175 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

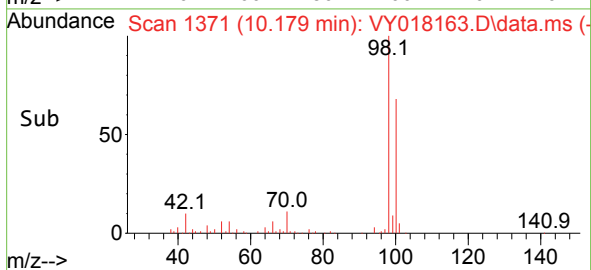
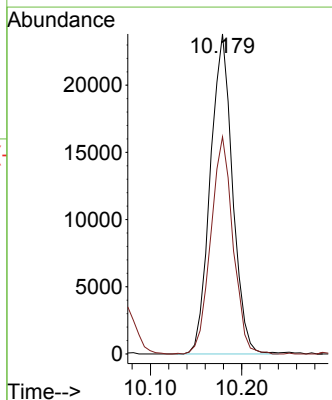
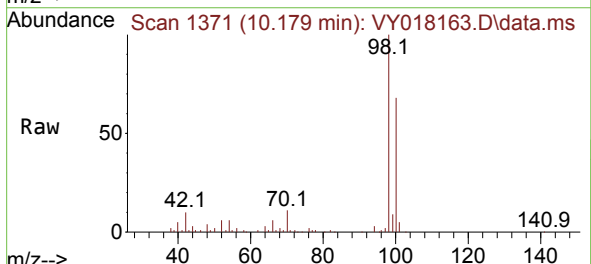
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

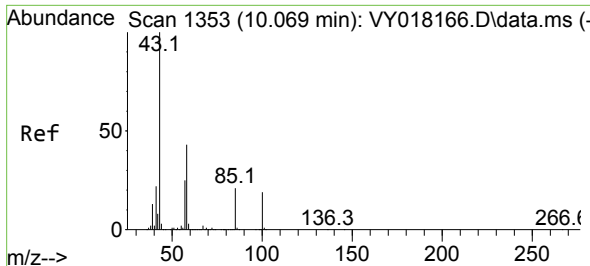
Tgt Ion: 88 Resp: 1949
Ion Ratio Lower Upper
88 100
43 35.4 0.0 0.0#
58 61.5 49.3 73.9



#50
Toluene-d8
Concen: 4.754 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 98 Resp: 40163
Ion Ratio Lower Upper
98 100
100 67.9 52.0 78.0

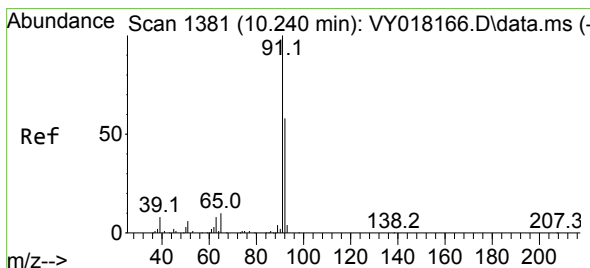
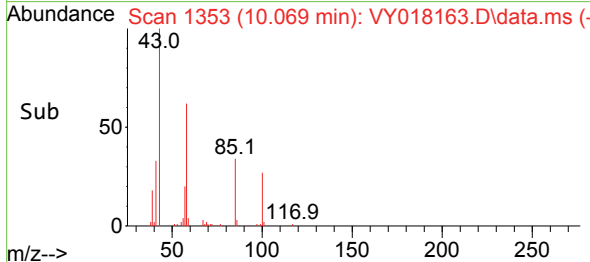
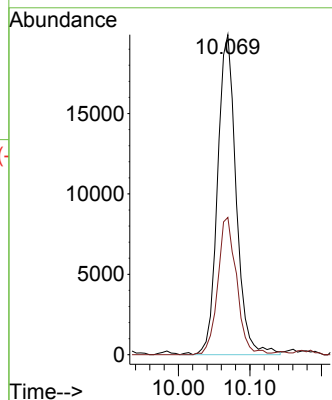
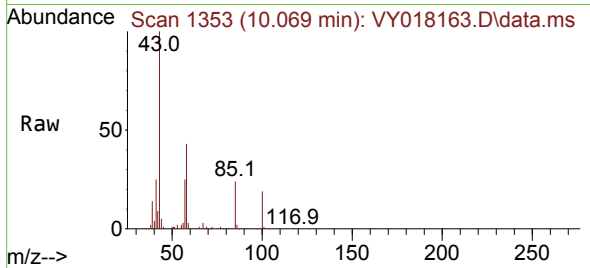




#51
4-Methyl-2-Pentanone
Concen: 26.974 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

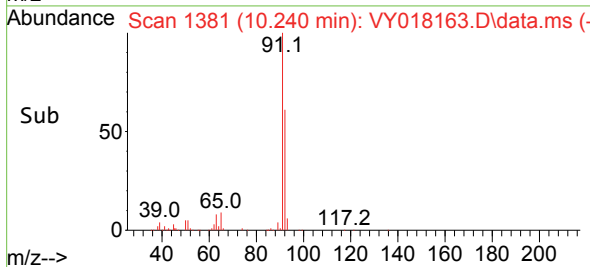
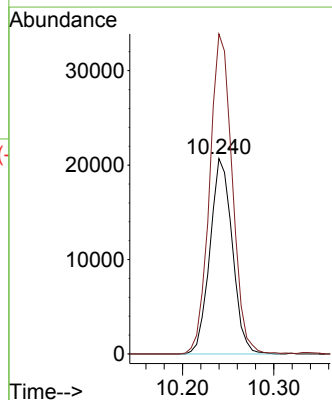
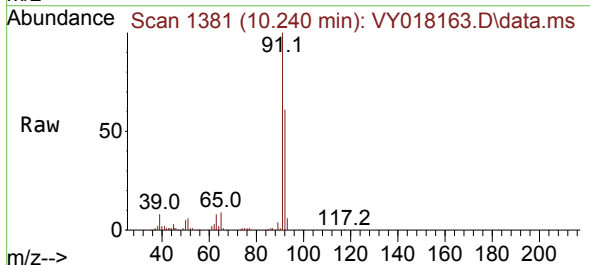
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

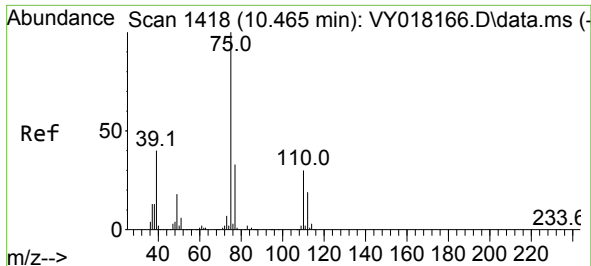
Tgt Ion: 43 Resp: 35946
Ion Ratio Lower Upper
43 100
58 43.5 35.7 53.5



#52
Toluene
Concen: 5.516 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 92 Resp: 35104
Ion Ratio Lower Upper
92 100
91 166.3 139.0 208.6

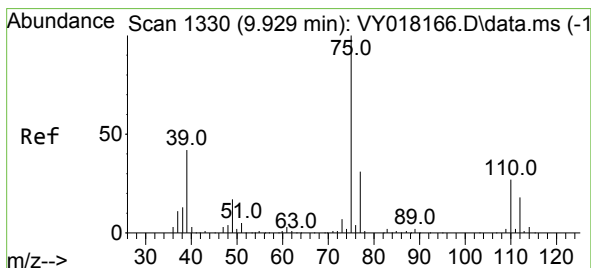
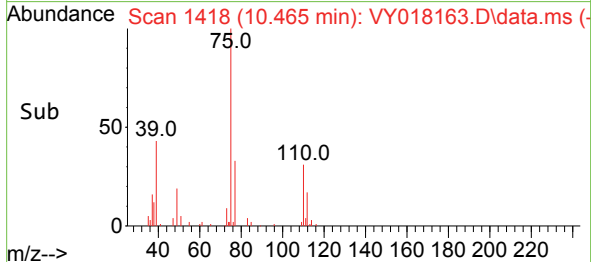
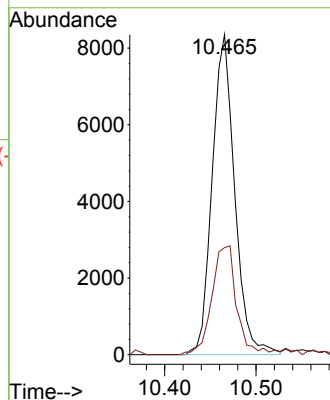
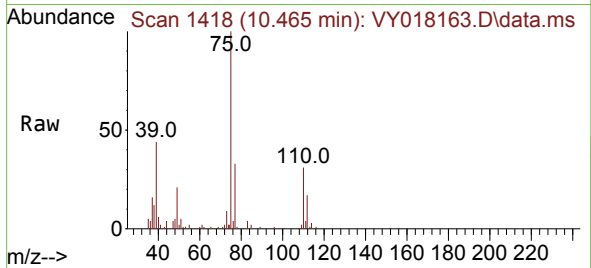




#53
t-1,3-Dichloropropene
Concen: 4.979 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

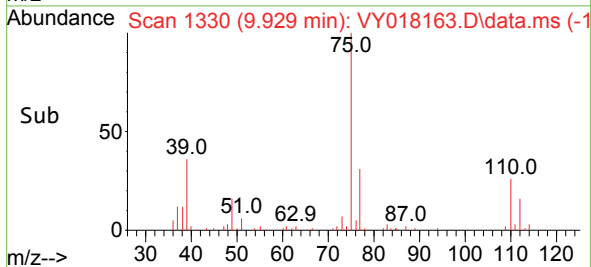
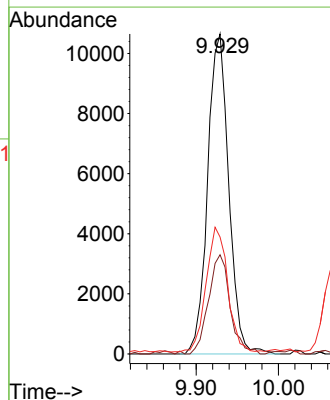
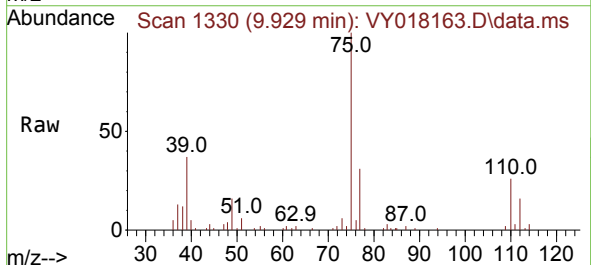
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

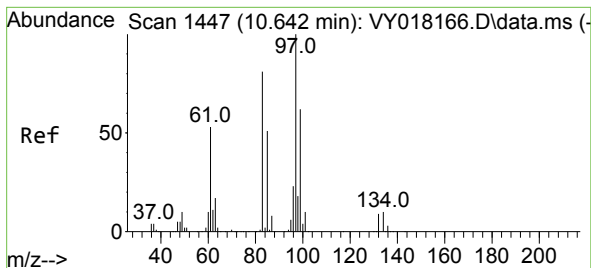
Tgt Ion: 75 Resp: 14285
Ion Ratio Lower Upper
75 100
77 33.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 5.401 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 75 Resp: 18942
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0
39 35.8 29.8 44.6

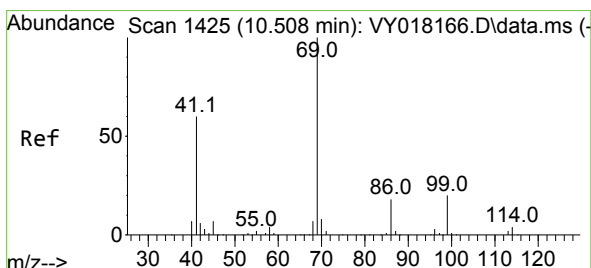
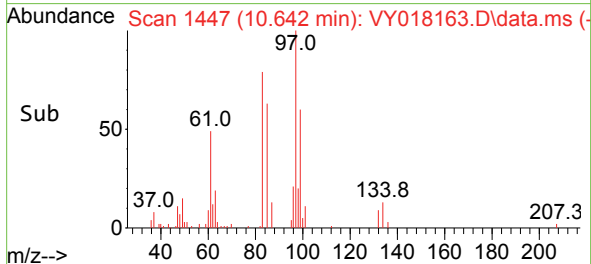
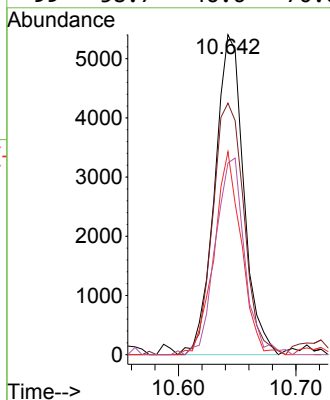
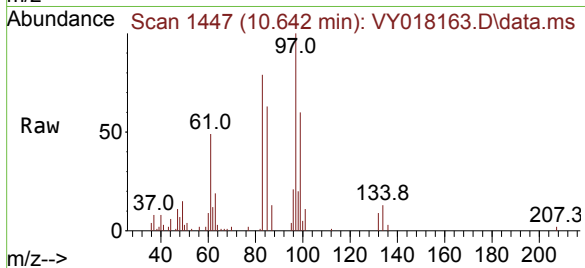




#55
1,1,2-Trichloroethane
Concen: 5.422 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

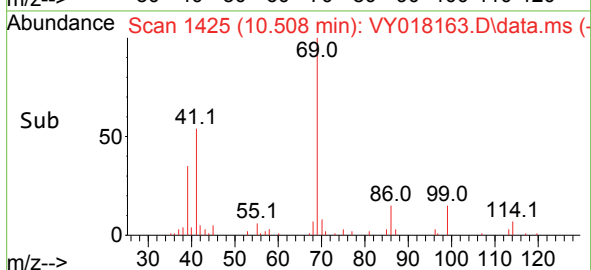
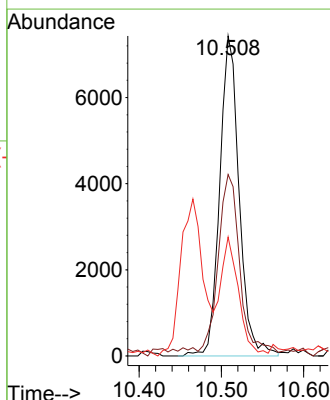
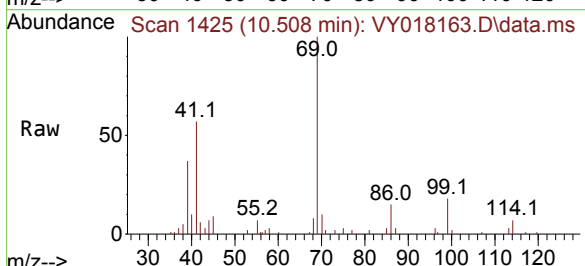
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

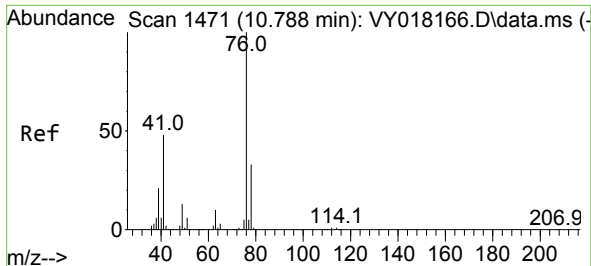
Tgt Ion:	97	Resp:	9255
Ion	Ratio	Lower	Upper
97	100		
83	78.6	67.5	101.3
85	63.5	42.9	64.3
99	58.7	46.6	70.0



#56
Ethyl methacrylate
Concen: 5.275 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion:	69	Resp:	12229
Ion	Ratio	Lower	Upper
69	100		
41	59.1	42.3	63.5
39	33.9	22.9	34.3





#57

1,3-Dichloropropane

Concen: 5.339 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

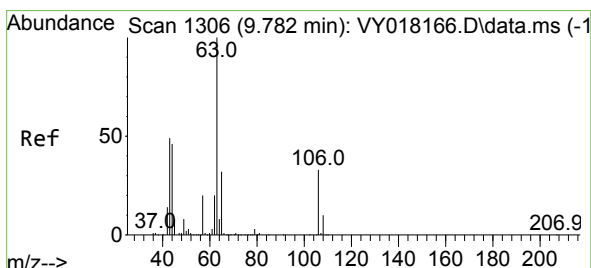
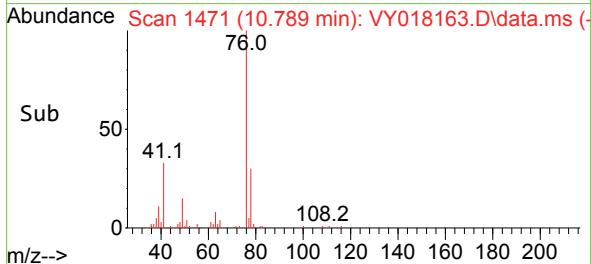
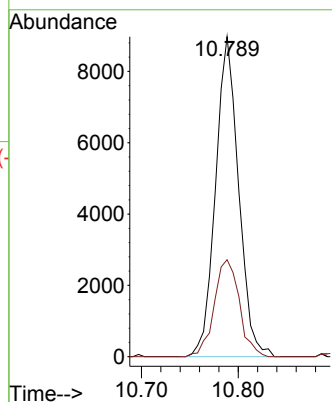
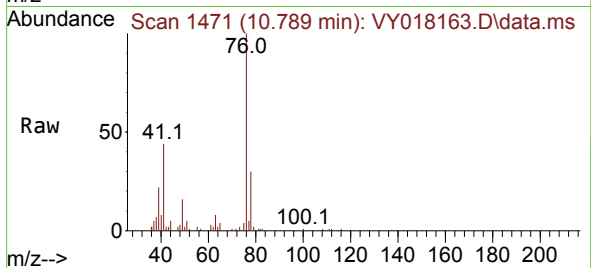
VSTDIC005

Tgt Ion: 76 Resp: 14832

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 25.723 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018163.D

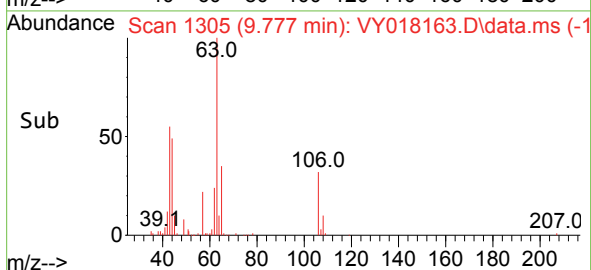
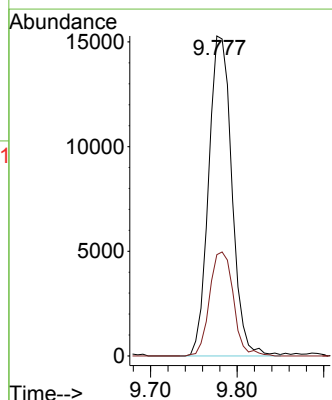
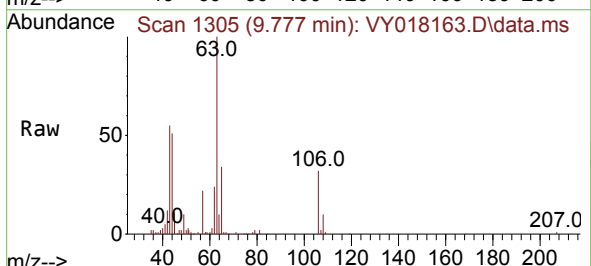
Acq: 07 May 2024 09:30

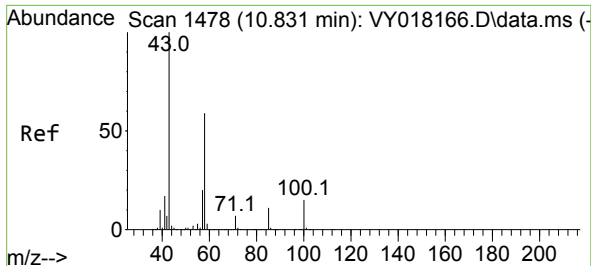
Tgt Ion: 63 Resp: 28473

Ion Ratio Lower Upper

63 100

106 33.3 23.7 35.5

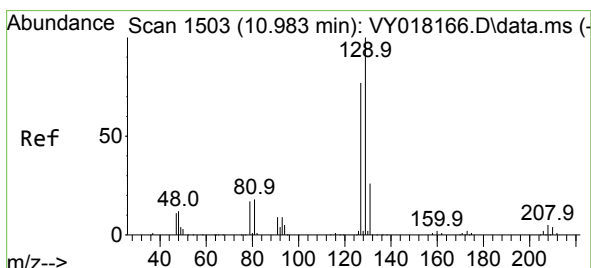
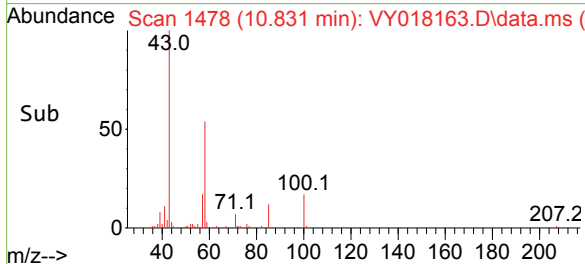
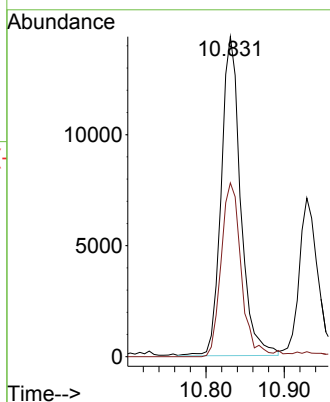
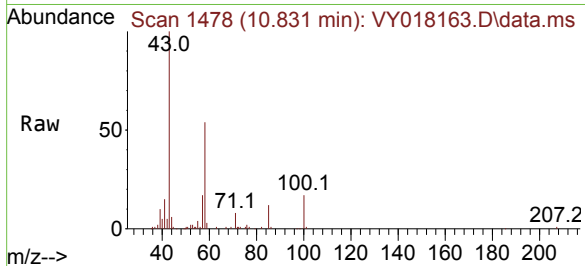




#59
2-Hexanone
Concen: 26.570 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

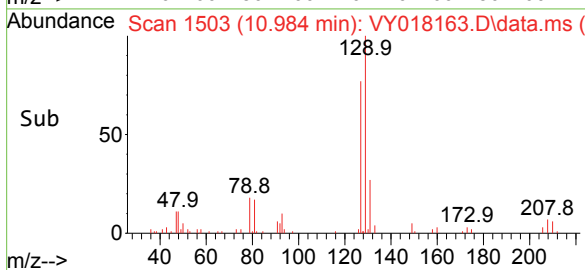
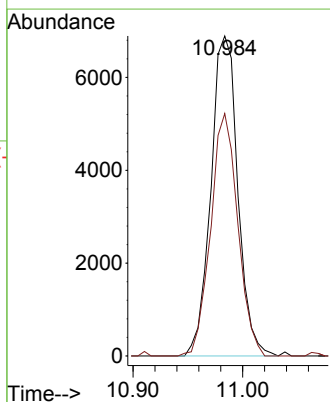
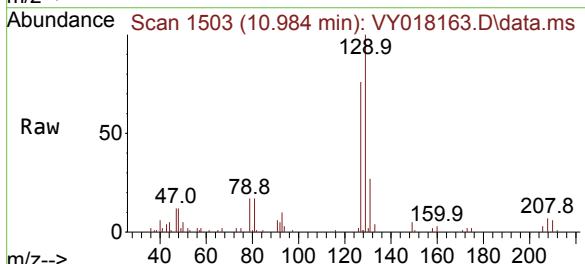
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

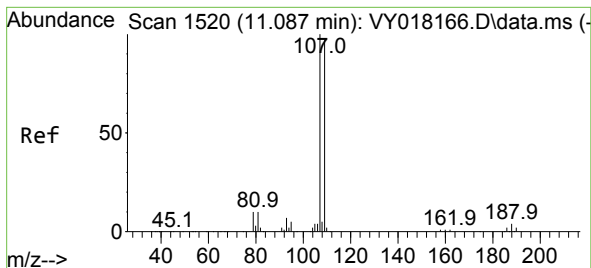
Tgt Ion: 43 Resp: 24757
Ion Ratio Lower Upper
43 100
58 56.2 31.4 94.0



#60
Dibromochloromethane
Concen: 5.316 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 129 Resp: 11773
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

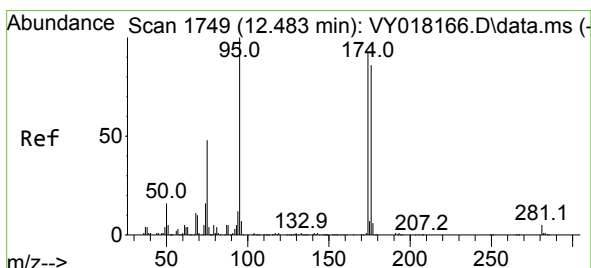
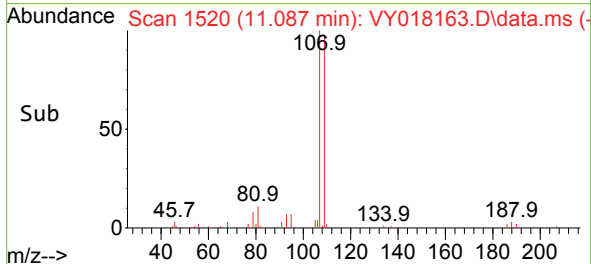
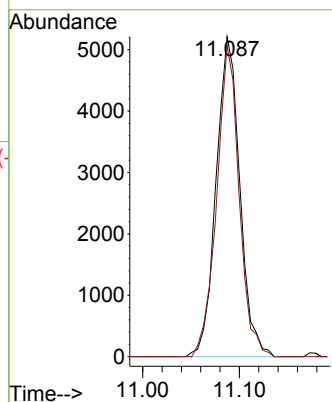
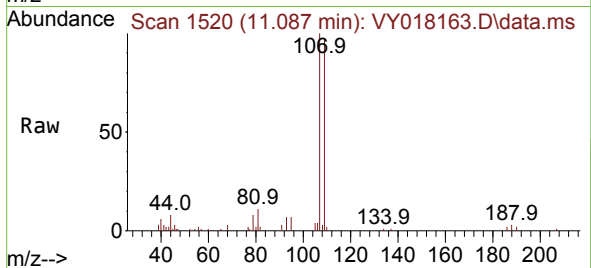




#61
1,2-Dibromoethane
Concen: 5.503 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

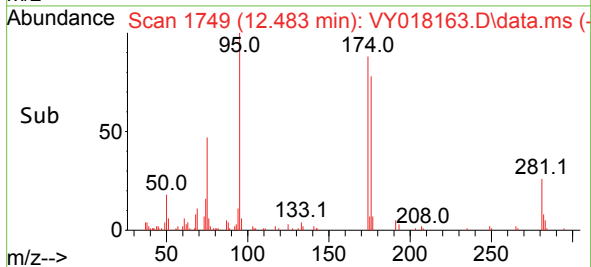
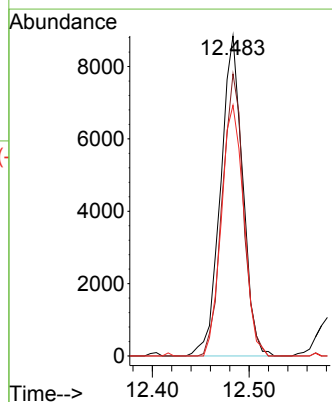
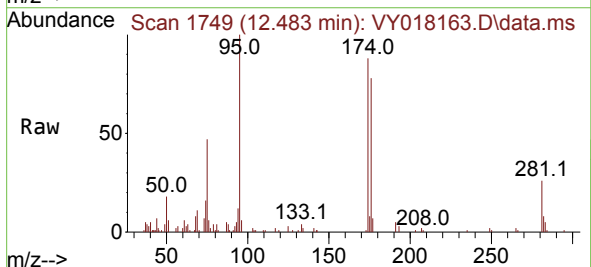
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

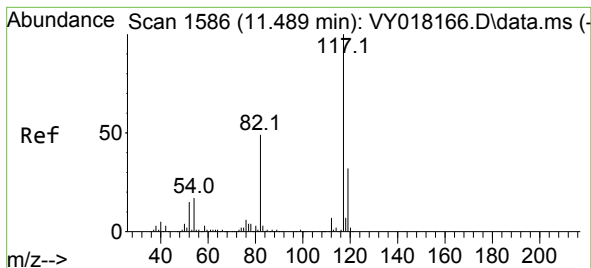
Tgt Ion:107 Resp: 8847
Ion Ratio Lower Upper
107 100
109 92.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 5.156 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 95 Resp: 14068
Ion Ratio Lower Upper
95 100
174 84.3 0.0 175.6
176 79.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

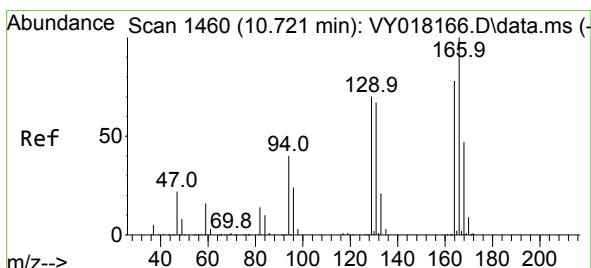
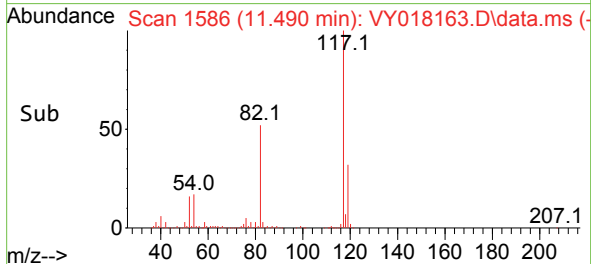
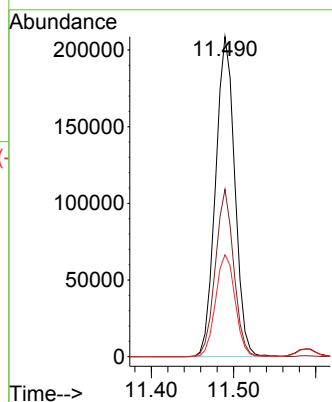
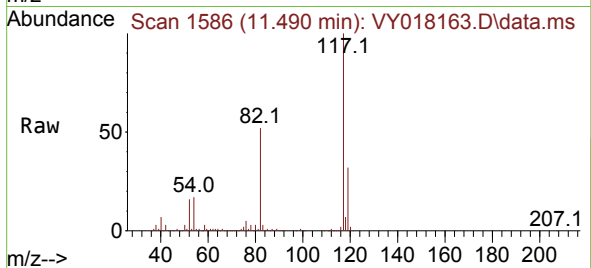
Tgt Ion:117 Resp: 339358

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 5.454 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Tgt Ion:164 Resp: 12324

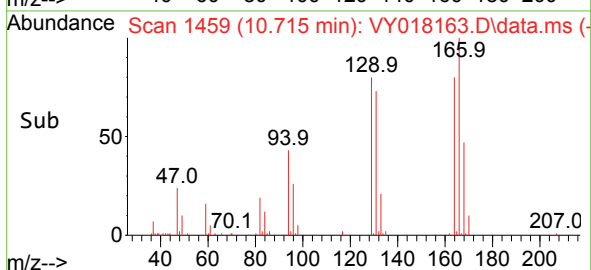
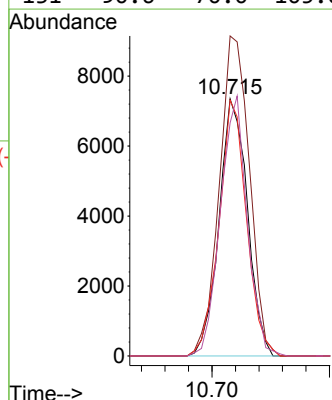
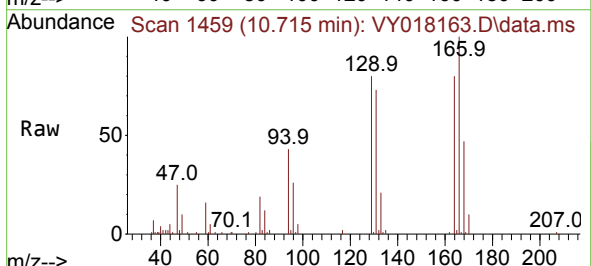
Ion Ratio Lower Upper

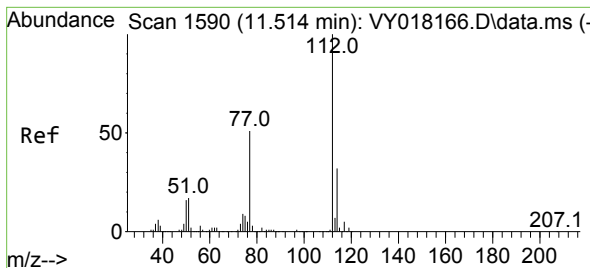
164 100

166 124.4 102.6 154.0

129 99.5 72.0 108.0

131 90.6 70.0 105.0

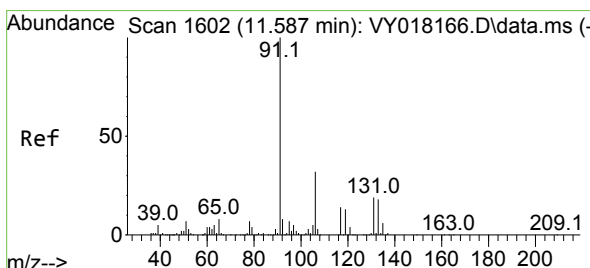
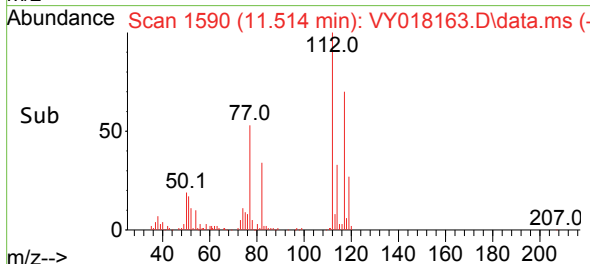
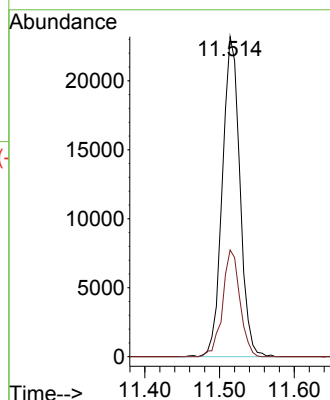
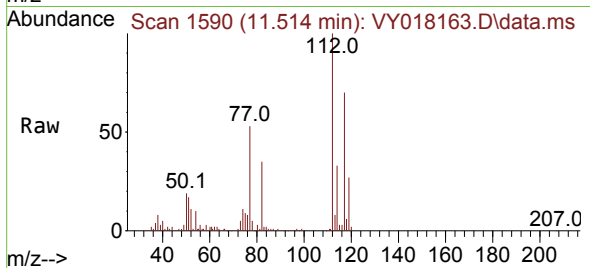




#65
Chlorobenzene
Concen: 5.460 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

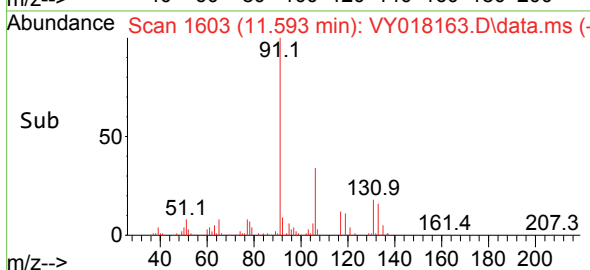
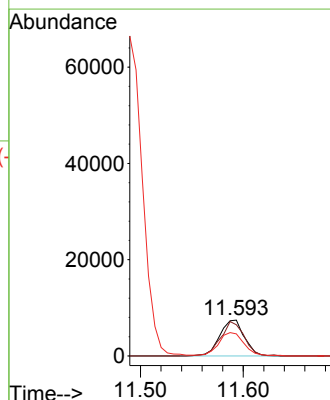
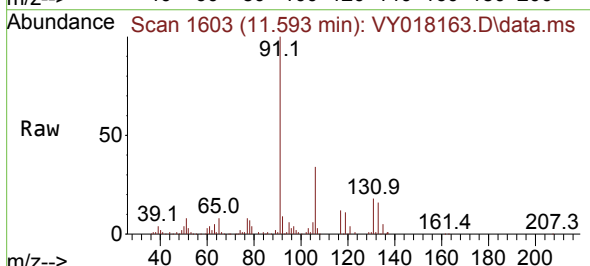
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

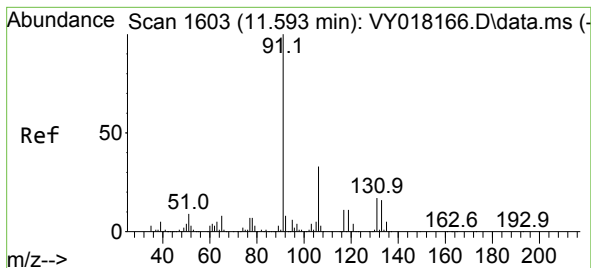
Tgt Ion:112 Resp: 37740
Ion Ratio Lower Upper
112 100
114 33.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.538 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion:131 Resp: 12381
Ion Ratio Lower Upper
131 100
133 92.5 47.8 143.3
119 67.5 34.1 102.2





#67

Ethyl Benzene

Concen: 5.477 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

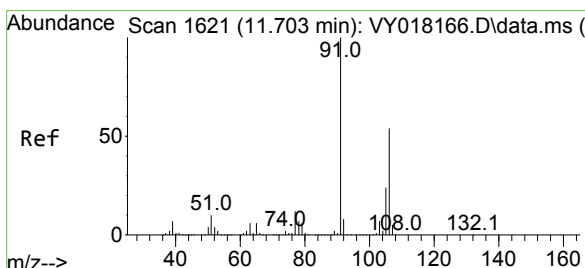
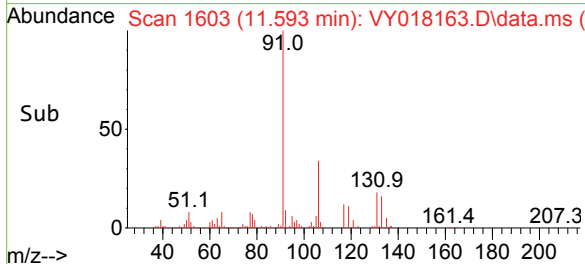
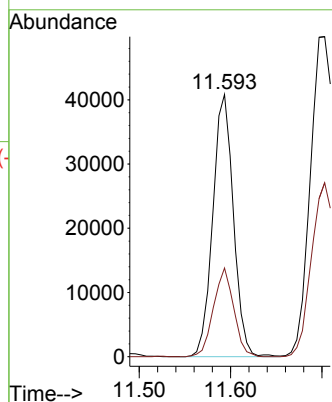
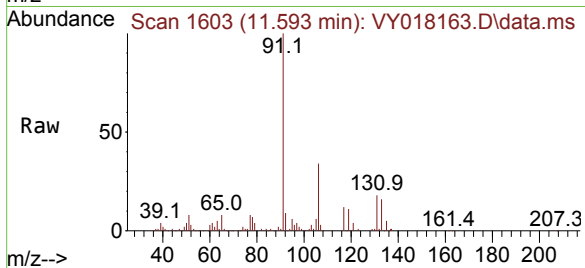
VSTDIC005

Tgt Ion: 91 Resp: 63913

Ion Ratio Lower Upper

91 100

106 33.8 24.5 36.7



#68

m/p-Xylenes

Concen: 10.879 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018163.D

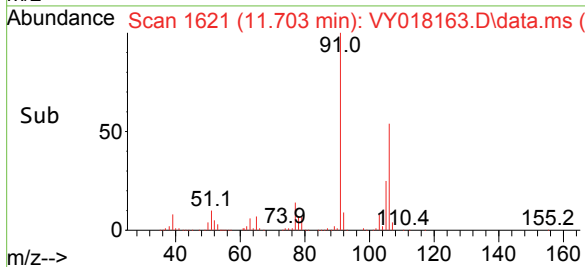
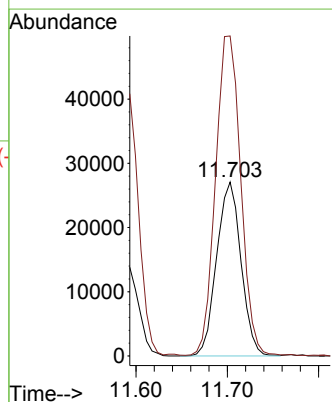
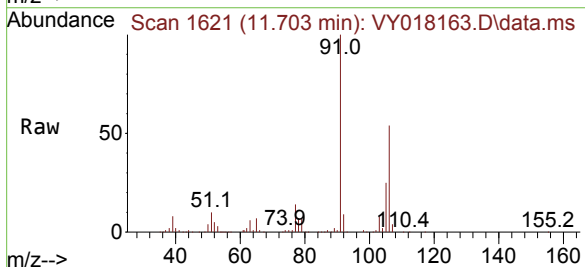
Acq: 07 May 2024 09:30

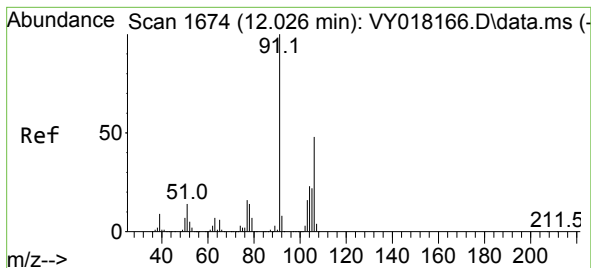
Tgt Ion: 106 Resp: 50207

Ion Ratio Lower Upper

106 100

91 190.3 156.0 234.0





#69

o-Xylene

Concen: 5.556 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

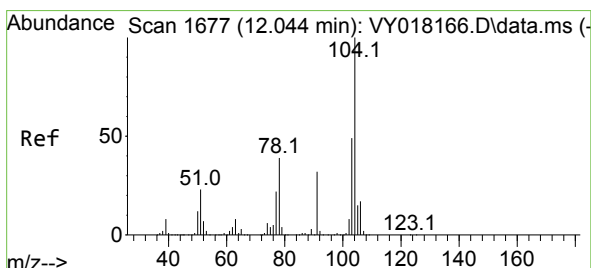
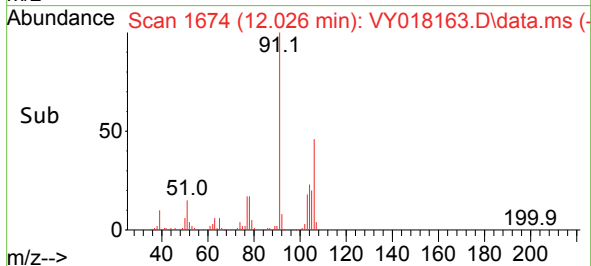
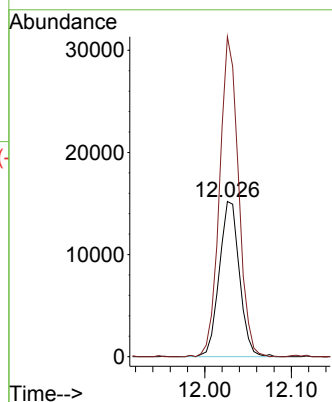
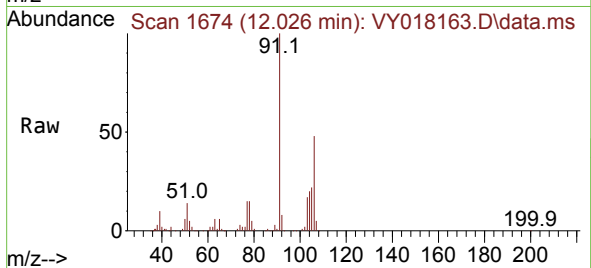
VSTDIC005

Tgt Ion:106 Resp: 24607

Ion Ratio Lower Upper

106 100

91 193.2 103.6 310.8



#70

Styrene

Concen: 5.386 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

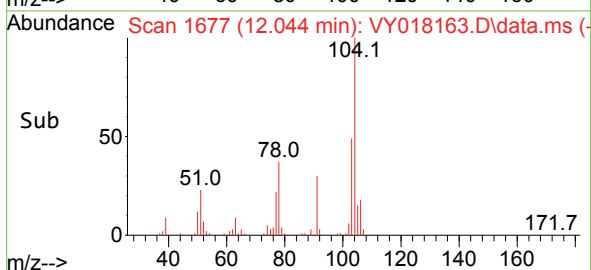
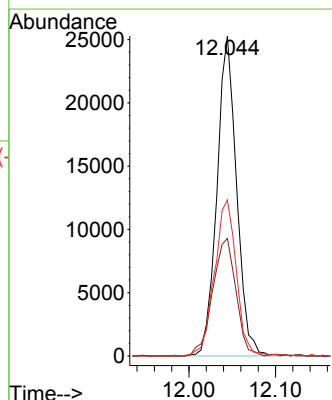
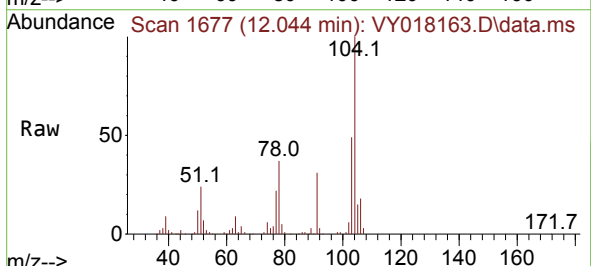
Tgt Ion:104 Resp: 39833

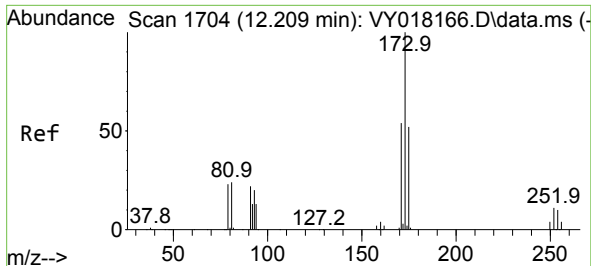
Ion Ratio Lower Upper

104 100

78 43.4 37.0 55.4

103 54.5 44.2 66.2

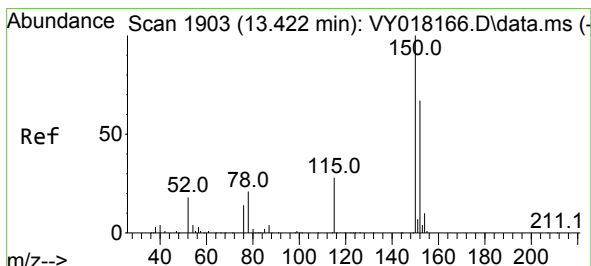
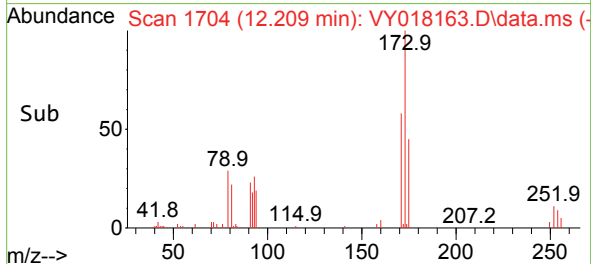
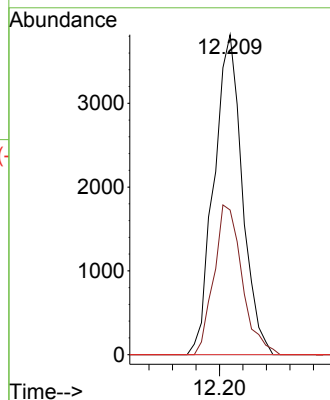
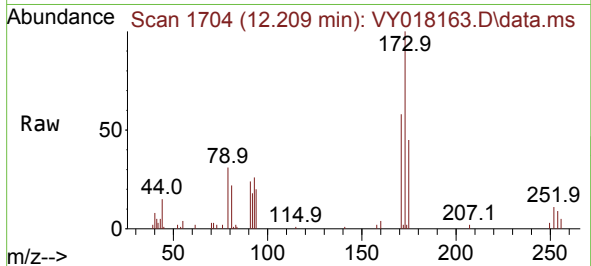




#71
Bromoform
Concen: 5.163 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

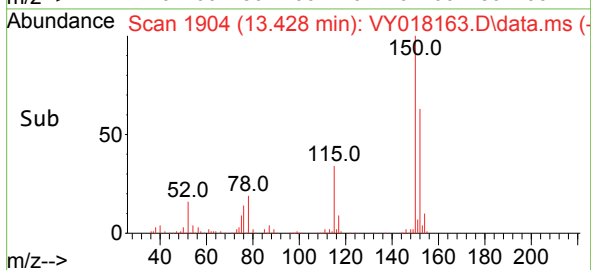
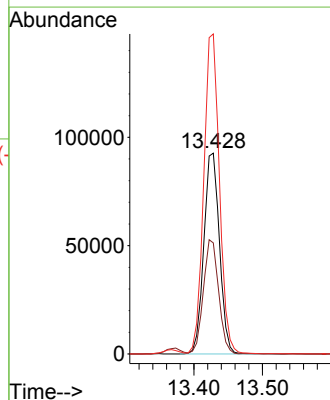
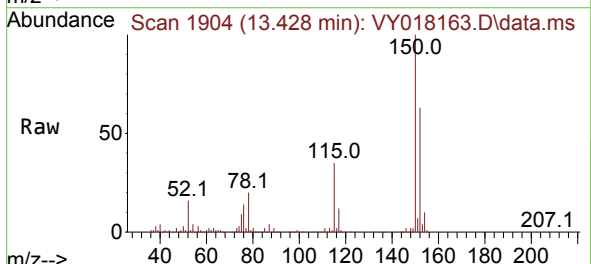
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

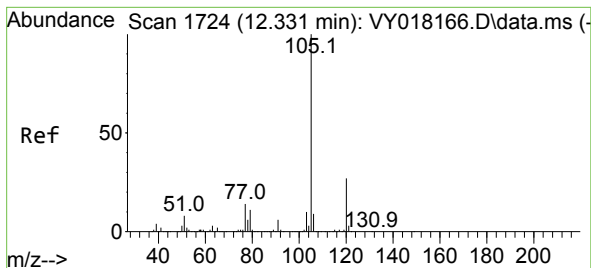
Tgt Ion:173 Resp: 6387
Ion Ratio Lower Upper
173 100
175 46.5 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion:152 Resp: 147368
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 159.2 0.0 345.6





#73

Isopropylbenzene

Concen: 5.687 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

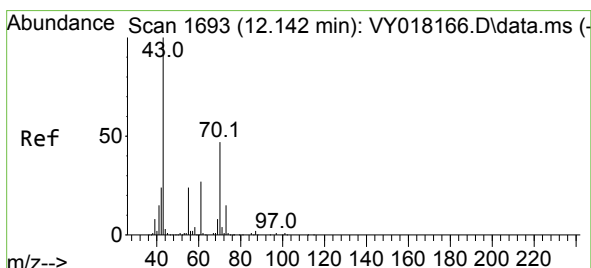
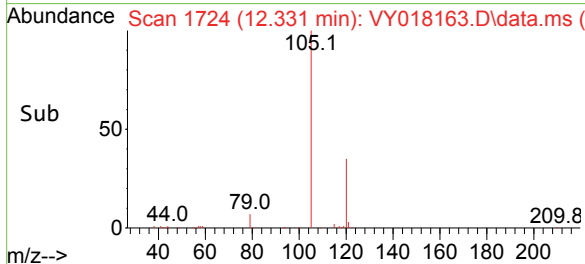
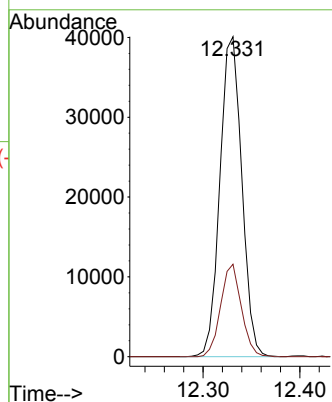
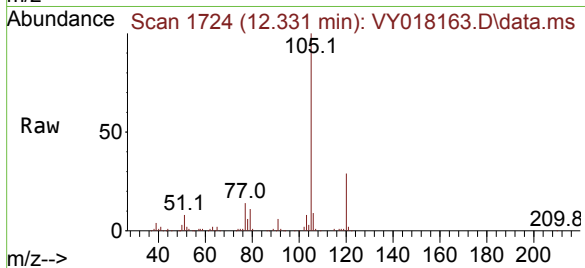
VSTDICC005

Tgt Ion:105 Resp: 62832

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 5.432 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Tgt Ion: 43 Resp: 12459

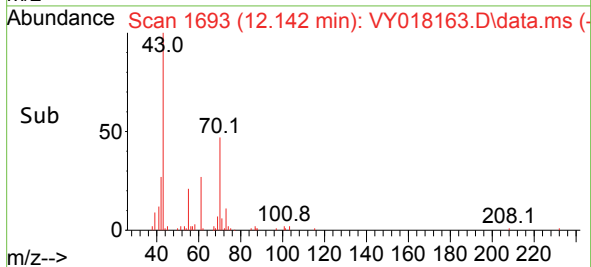
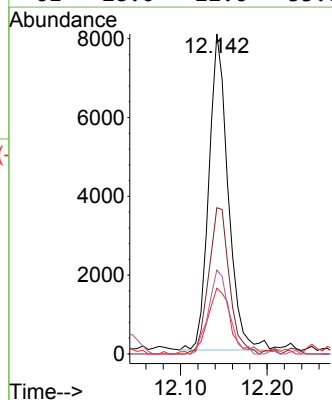
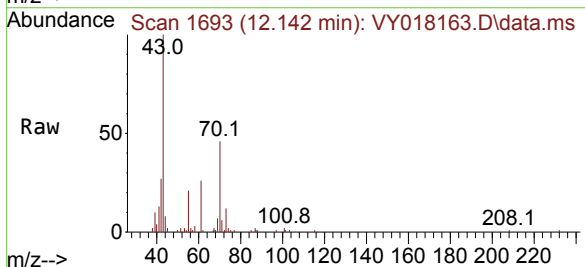
Ion Ratio Lower Upper

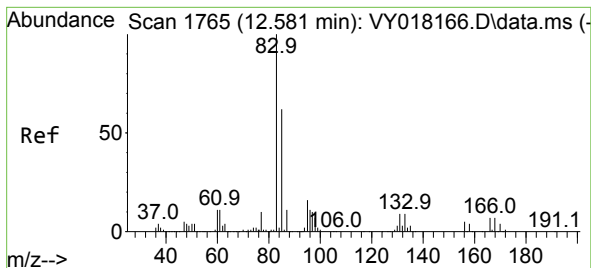
43 100

70 49.3 41.4 62.2

55 24.9 23.3 34.9

61 28.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.880 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

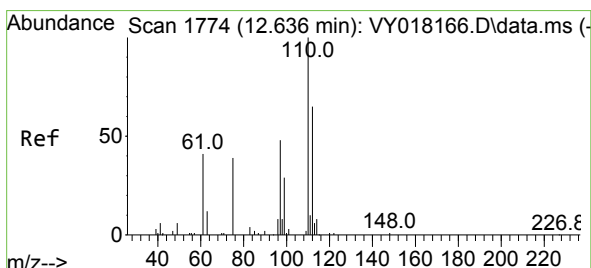
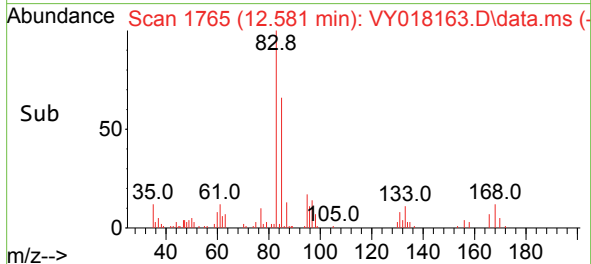
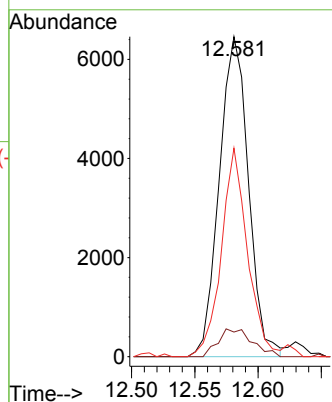
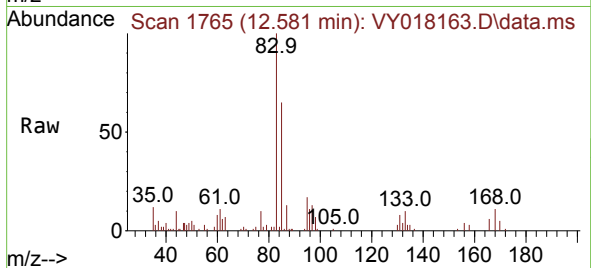
Tgt Ion: 83 Resp: 10363

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 58.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 10.096 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018163.D

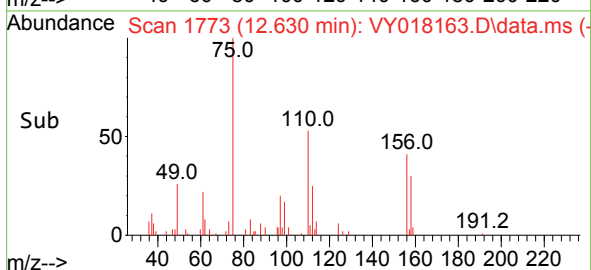
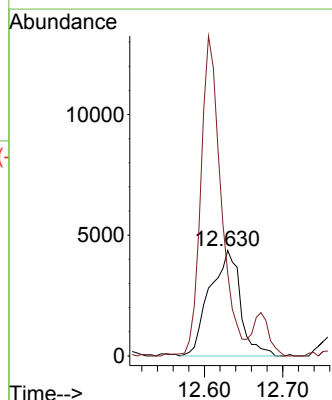
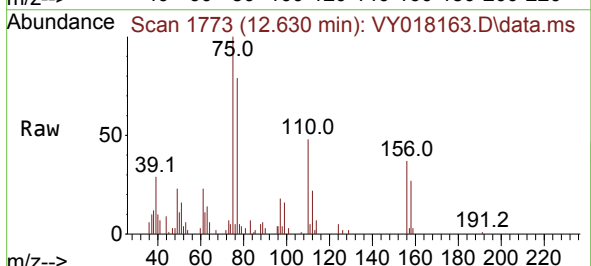
Acq: 07 May 2024 09:30

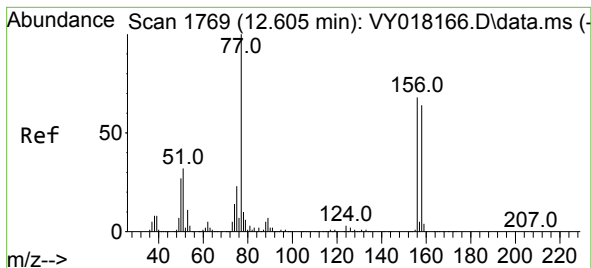
Tgt Ion: 75 Resp: 11909

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.552 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

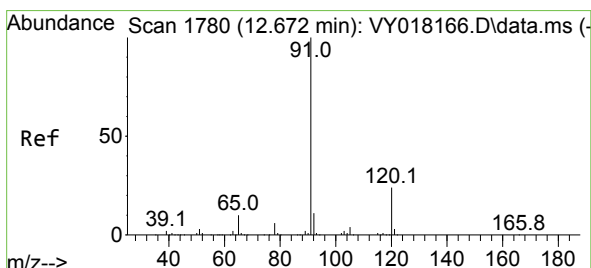
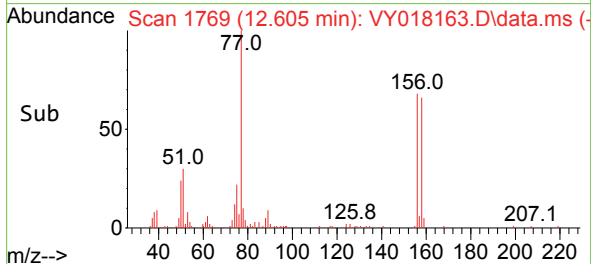
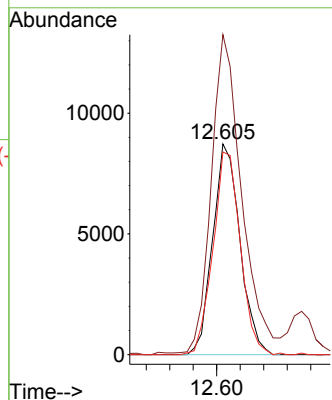
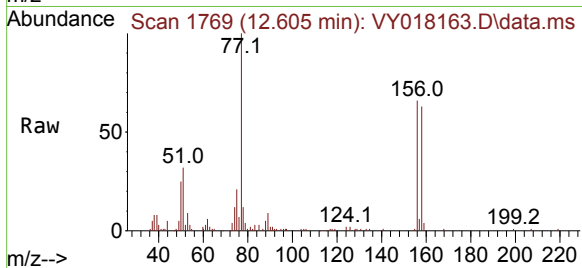
Tgt Ion:156 Resp: 14093

Ion Ratio Lower Upper

156 100

77 171.0 87.1 261.3

158 96.2 48.6 145.9



#78

n-propylbenzene

Concen: 5.706 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018163.D

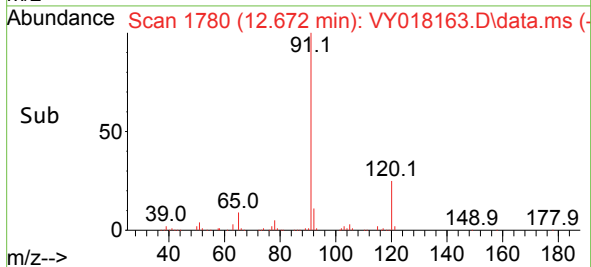
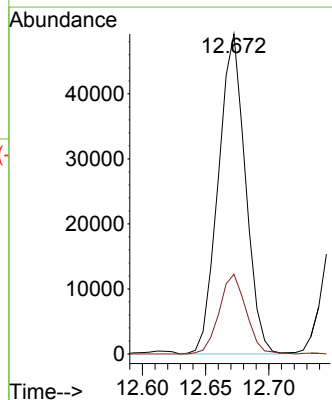
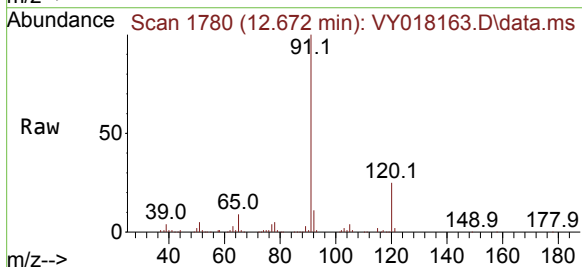
Acq: 07 May 2024 09:30

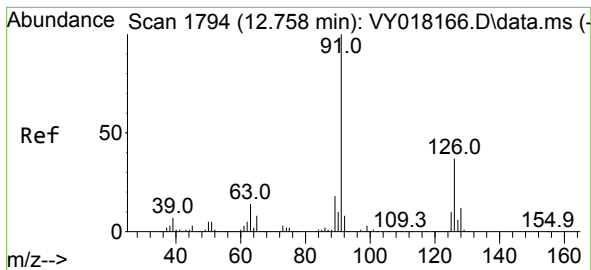
Tgt Ion: 91 Resp: 73335

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.769 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

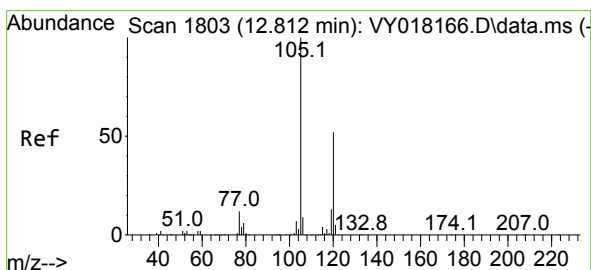
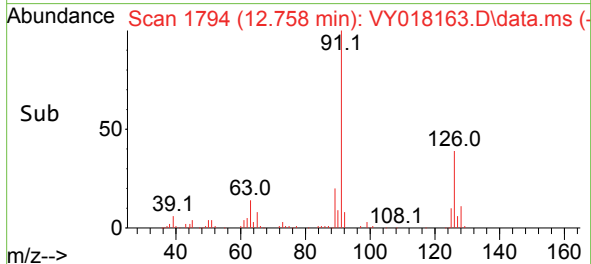
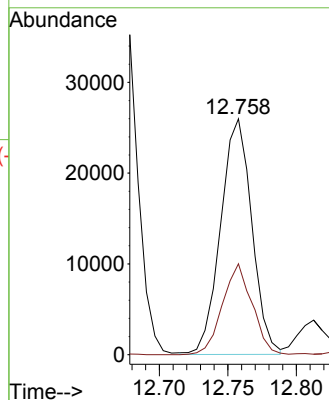
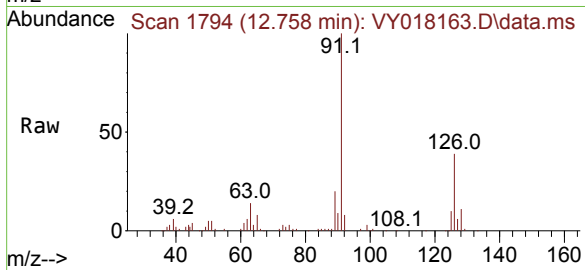
VSTDIC005

Tgt Ion: 91 Resp: 41199

Ion Ratio Lower Upper

91 100

126 36.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 5.649 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018163.D

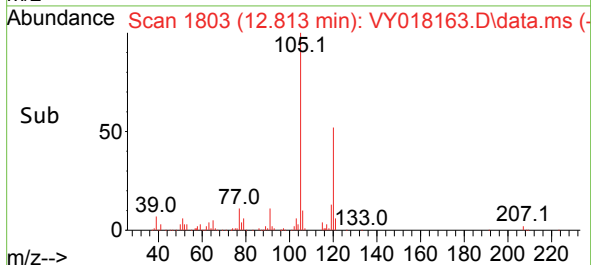
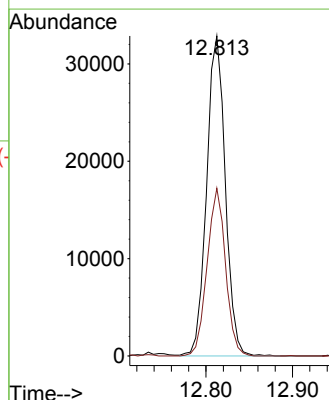
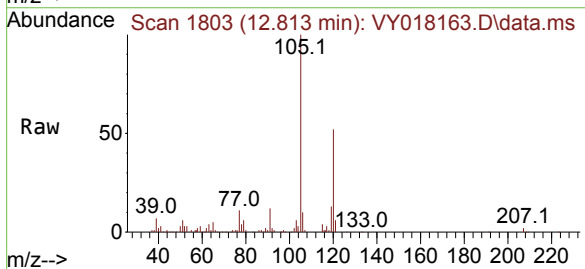
Acq: 07 May 2024 09:30

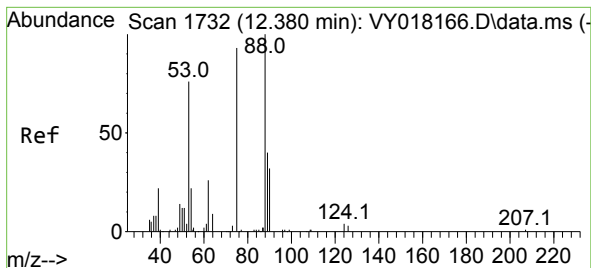
Tgt Ion: 105 Resp: 49218

Ion Ratio Lower Upper

105 100

120 51.7 25.1 75.2

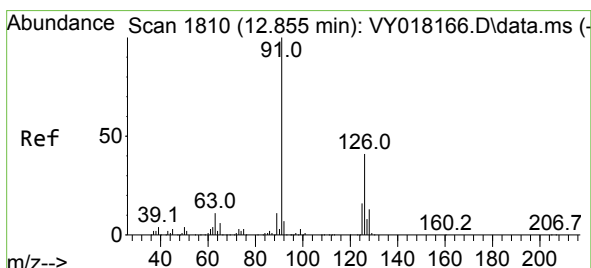
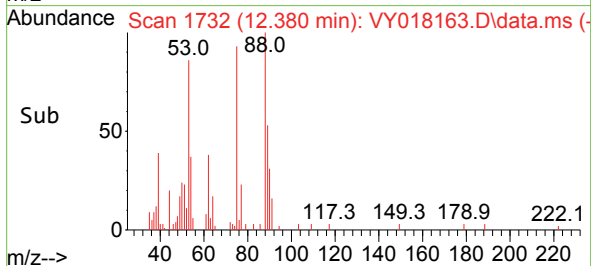
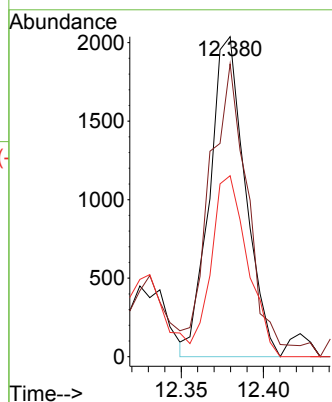
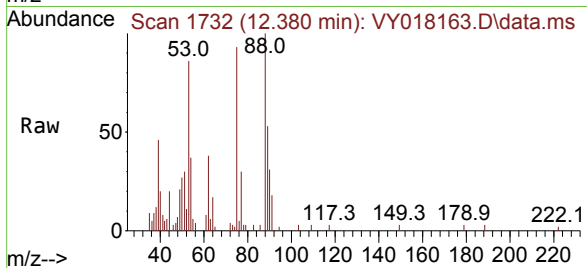




#81
trans-1,4-Dichloro-2-butene
Concen: 5.029 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

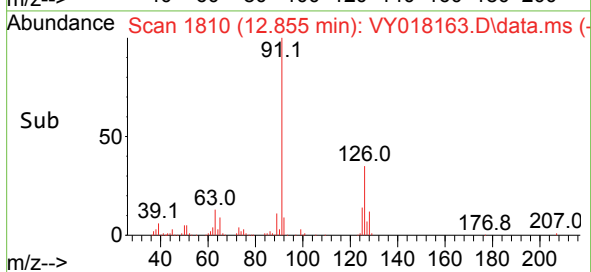
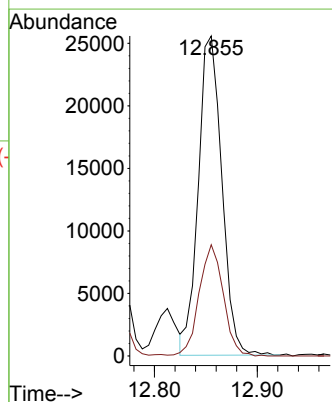
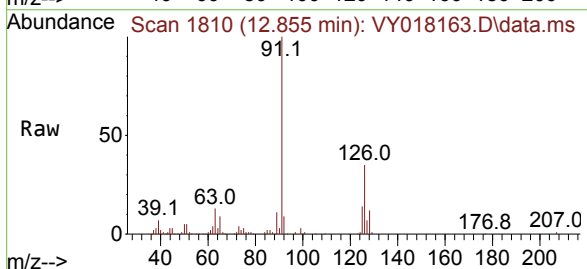
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

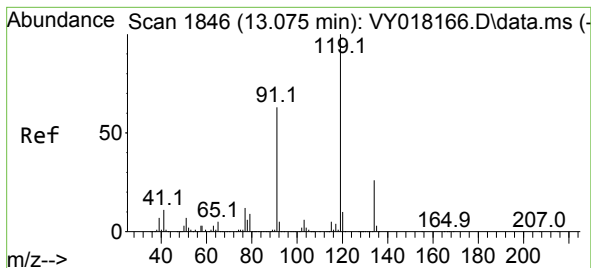
Tgt Ion: 75 Resp: 3079
Ion Ratio Lower Upper
75 100
53 99.2 66.8 100.2
89 57.2 35.8 53.6#



#82
4-Chlorotoluene
Concen: 5.668 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion: 91 Resp: 40657
Ion Ratio Lower Upper
91 100
126 35.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 5.563 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

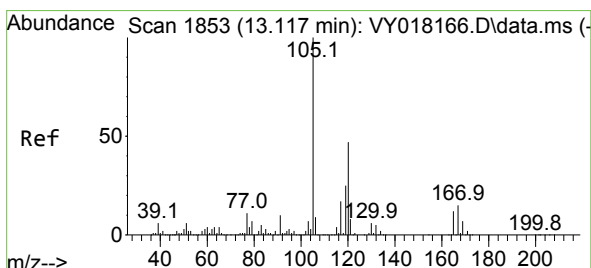
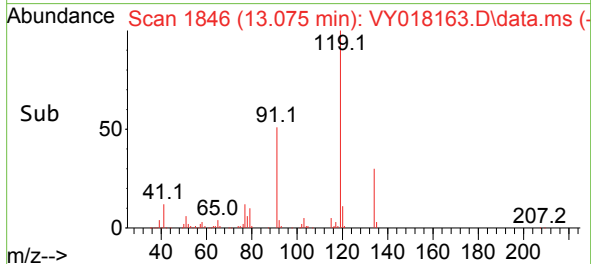
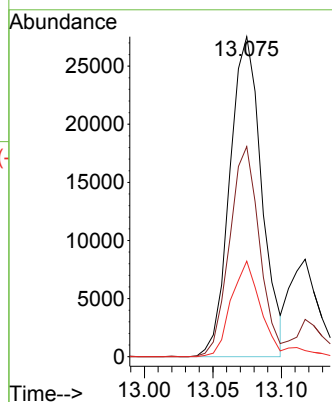
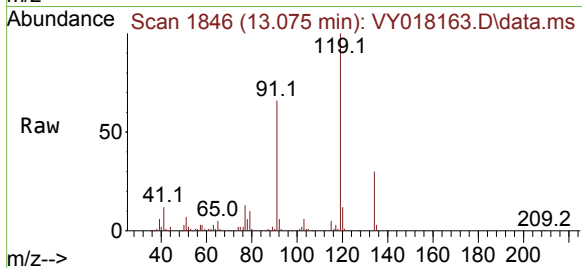
Tgt Ion:119 Resp: 44709

Ion Ratio Lower Upper

119 100

91 61.6 31.3 93.8

134 29.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 5.518 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018163.D

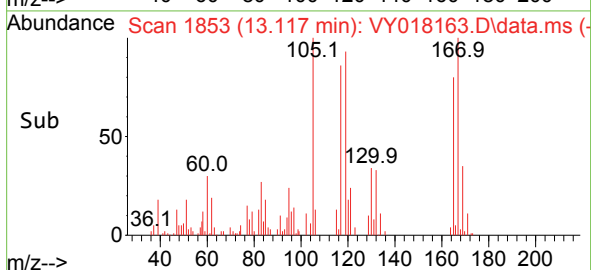
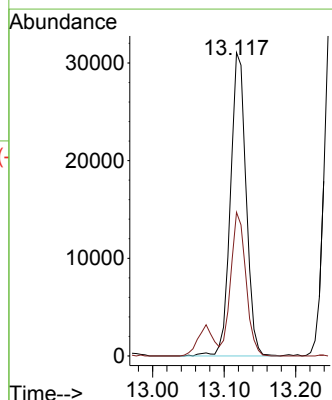
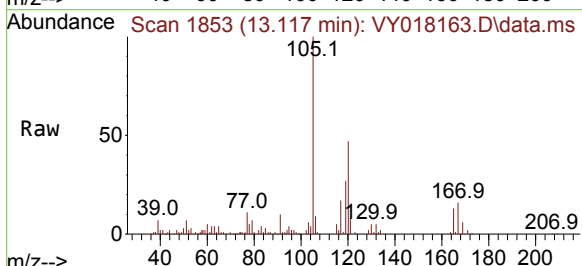
Acq: 07 May 2024 09:30

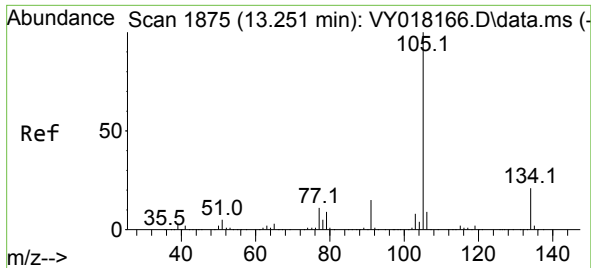
Tgt Ion:105 Resp: 47091

Ion Ratio Lower Upper

105 100

120 46.0 23.2 69.6

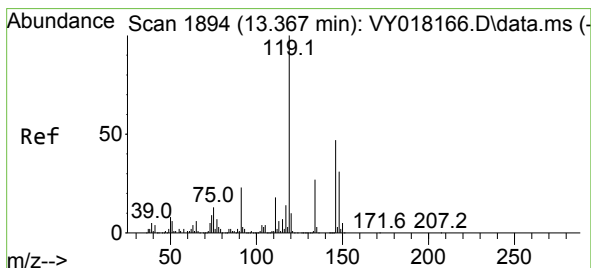
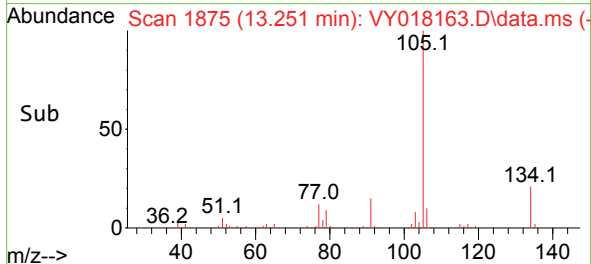
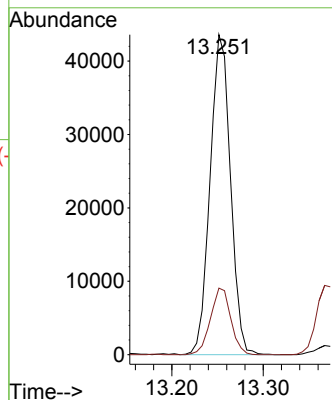
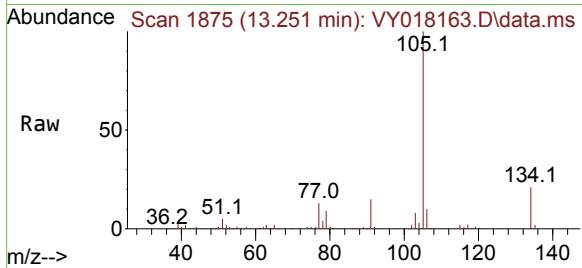




#85
 sec-Butylbenzene
 Concen: 5.720 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY018163.D
 Acq: 07 May 2024 09:30

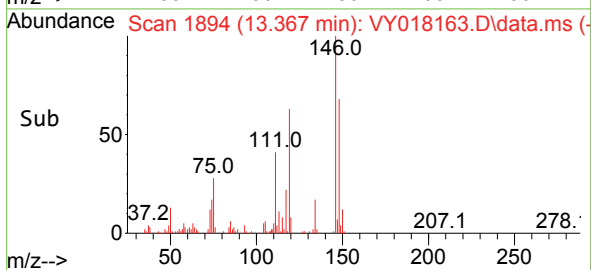
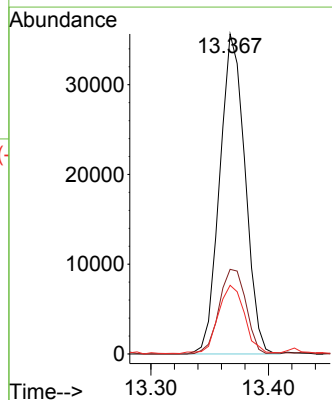
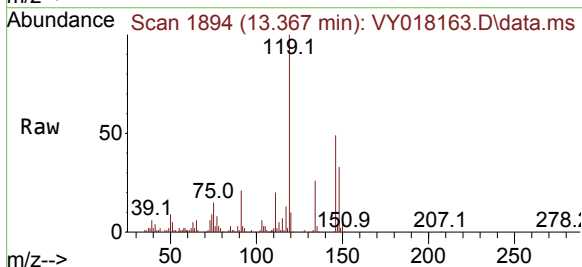
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

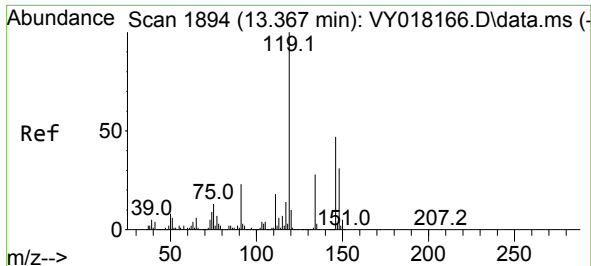
Tgt Ion:105 Resp: 67430
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 5.511 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY018163.D
 Acq: 07 May 2024 09:30

Tgt Ion:119 Resp: 53445
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.1 39.3
 91 22.8 10.7 32.1

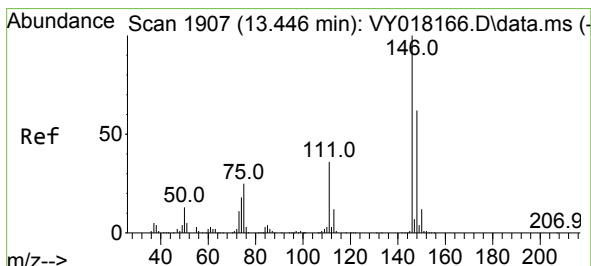
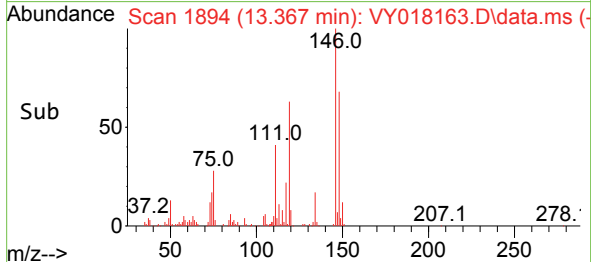
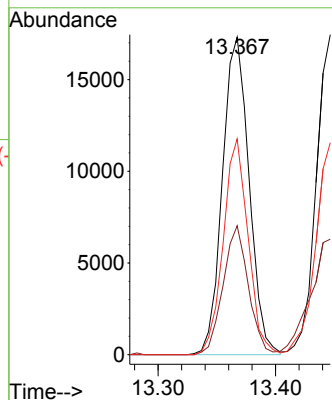
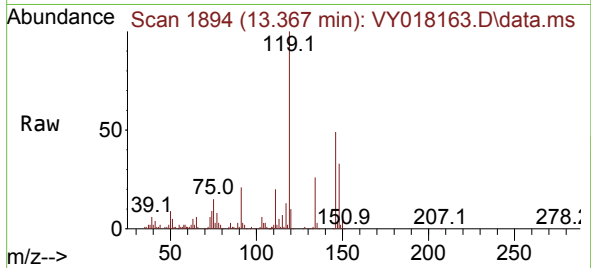




#87
1,3-Dichlorobenzene
Concen: 5.564 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

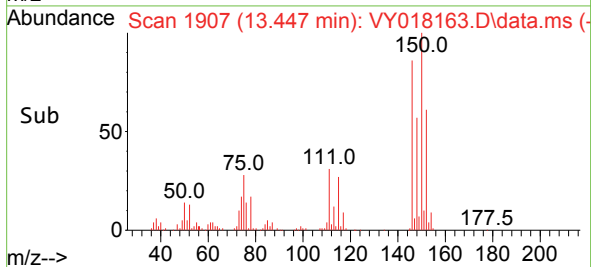
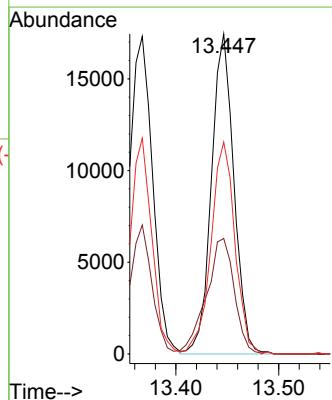
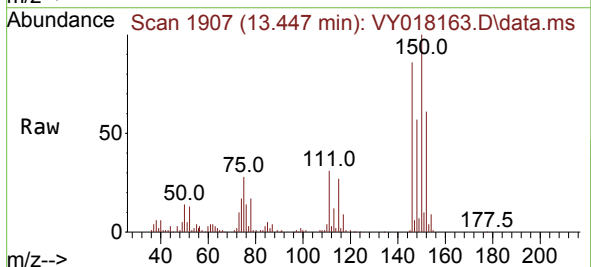
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

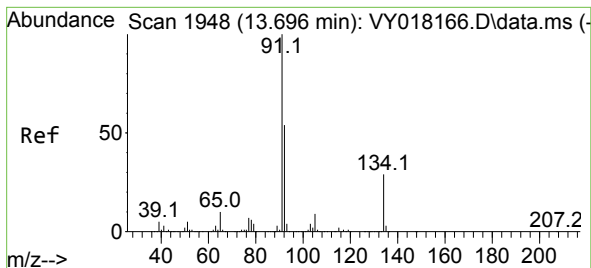
Tgt Ion:146 Resp: 27277
Ion Ratio Lower Upper
146 100
111 38.6 19.0 57.0
148 63.6 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 5.538 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018163.D
Acq: 07 May 2024 09:30

Tgt Ion:146 Resp: 26467
Ion Ratio Lower Upper
146 100
111 45.2 18.4 55.4
148 70.8 32.4 97.2





#89

n-Butylbenzene

Concen: 5.589 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

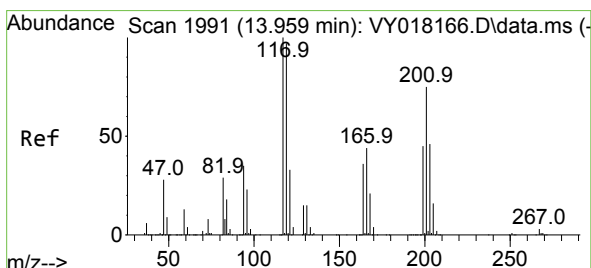
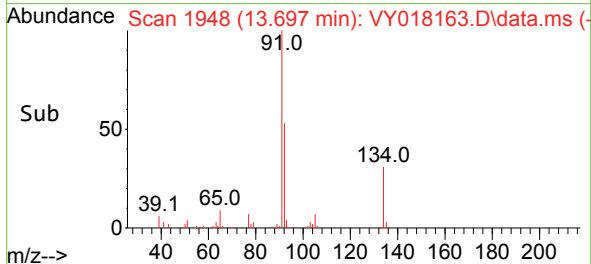
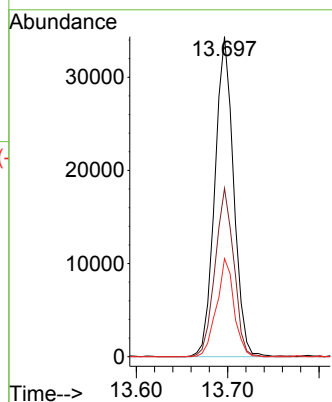
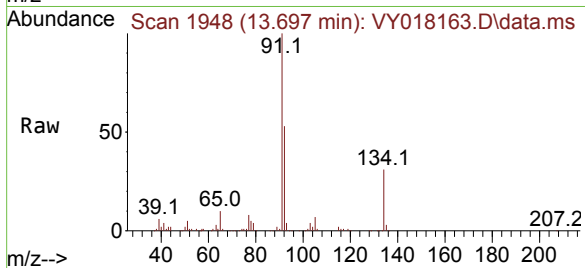
Tgt Ion: 91 Resp: 49052

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 28.6 12.9 38.7



#90

Hexachloroethane

Concen: 5.538 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018163.D

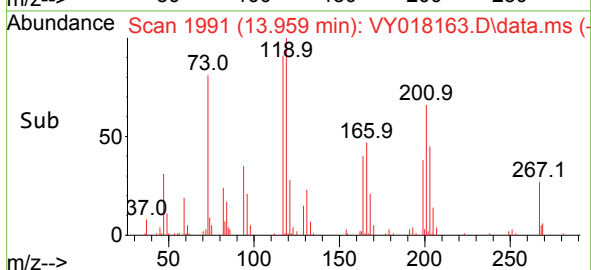
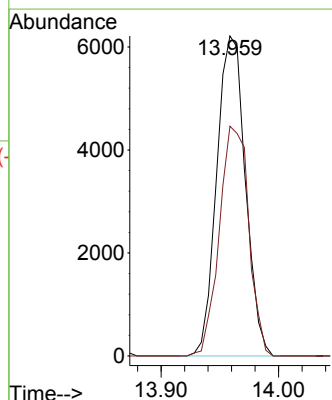
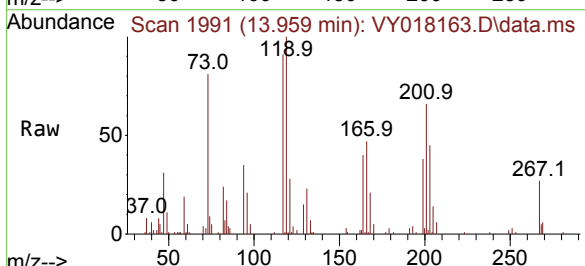
Acq: 07 May 2024 09:30

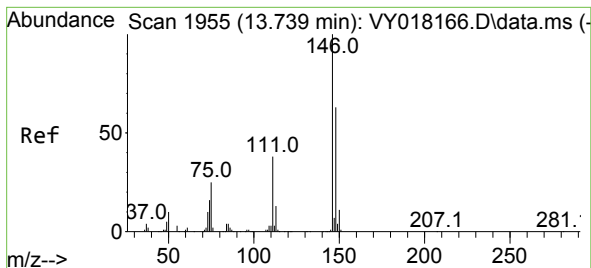
Tgt Ion: 117 Resp: 10535

Ion Ratio Lower Upper

117 100

201 73.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 5.450 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

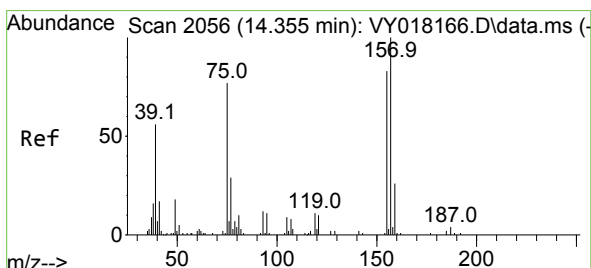
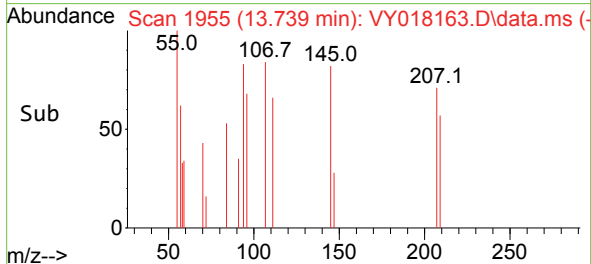
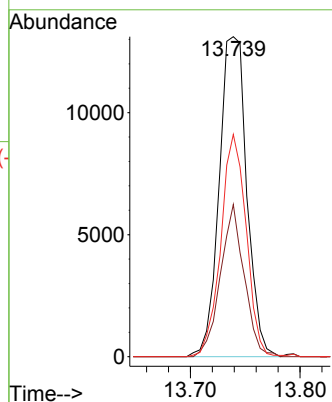
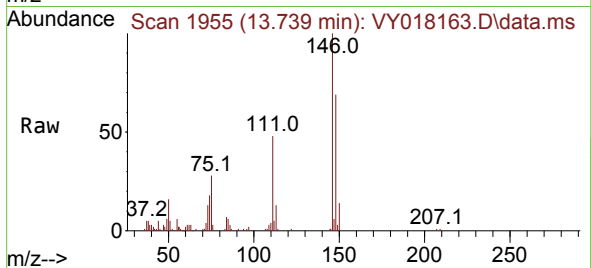
Tgt Ion:146 Resp: 22963

Ion Ratio Lower Upper

146 100

111 40.9 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.604 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

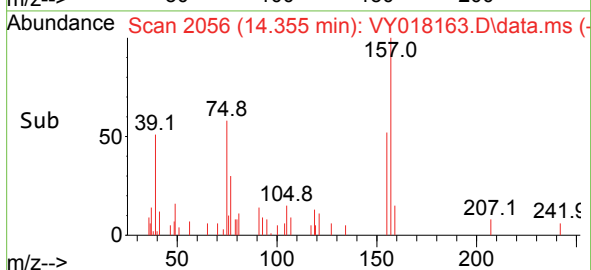
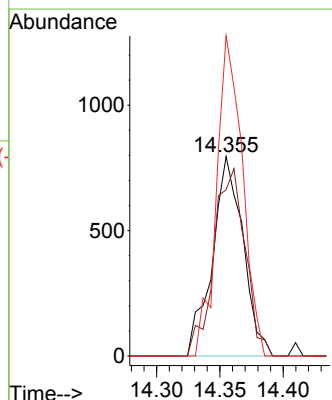
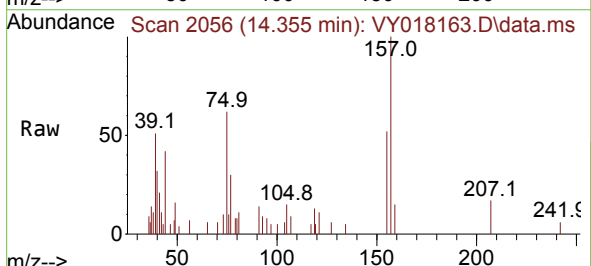
Tgt Ion: 75 Resp: 1345

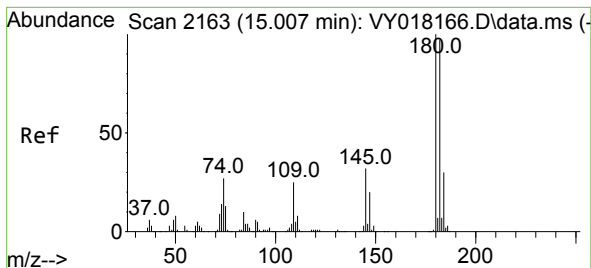
Ion Ratio Lower Upper

75 100

155 95.9 48.6 145.8

157 134.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 5.182 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

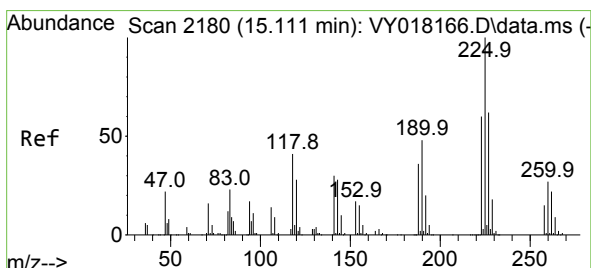
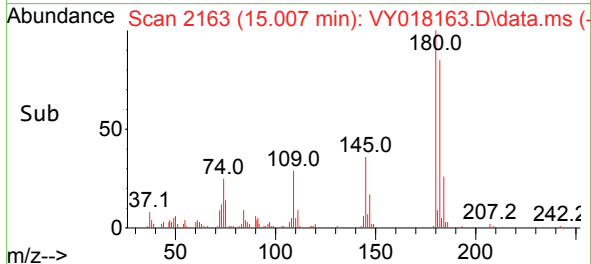
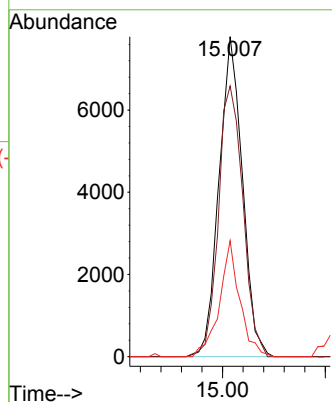
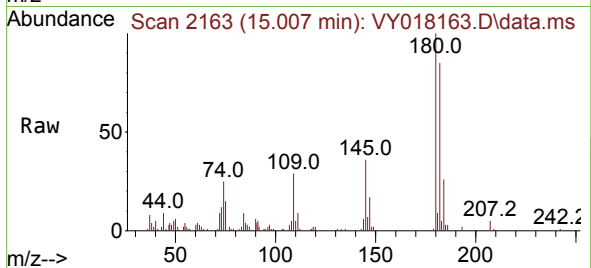
Tgt Ion:180 Resp: 12274

Ion Ratio Lower Upper

180 100

182 88.7 47.9 143.8

145 31.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 5.403 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

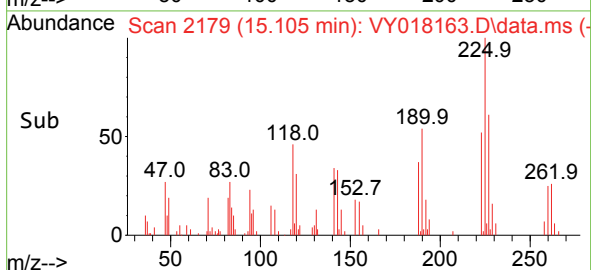
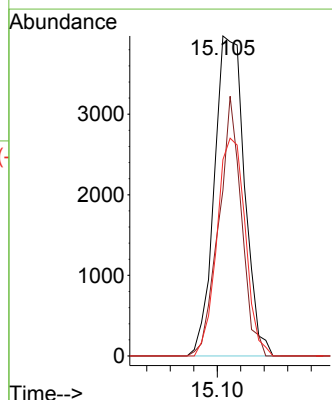
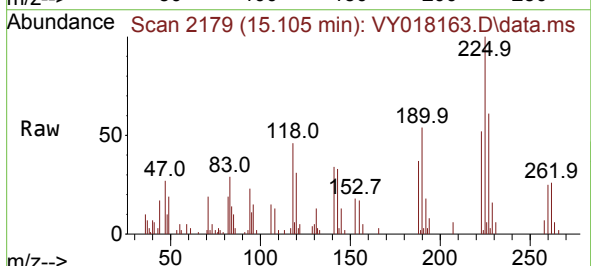
Tgt Ion:225 Resp: 7061

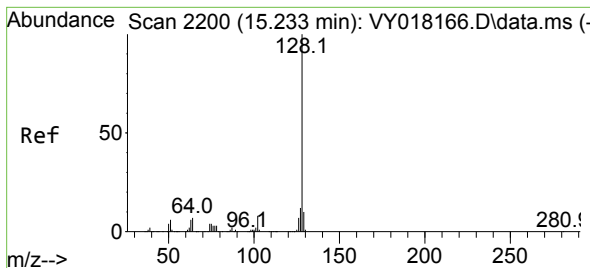
Ion Ratio Lower Upper

225 100

223 61.3 30.4 91.2

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 4.882 ug/l

RT: 15.239 min Scan# 21189

Delta R.T. 0.006 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

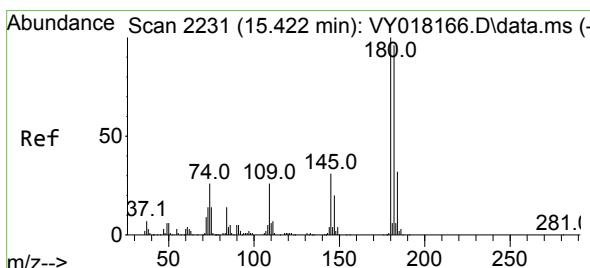
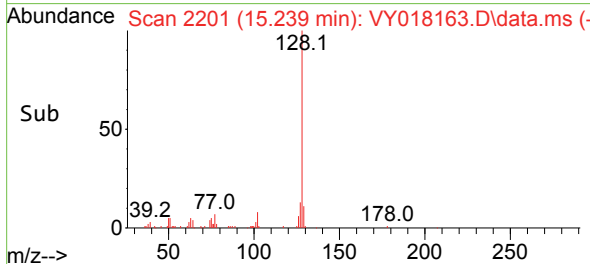
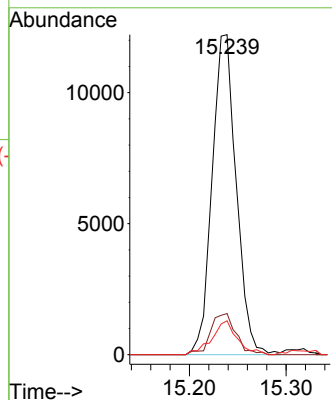
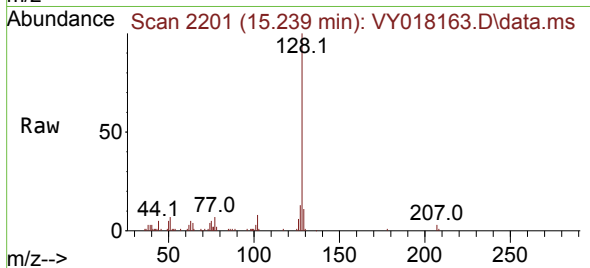
Tgt Ion:128 Resp: 21189

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.961 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018163.D

Acq: 07 May 2024 09:30

Tgt Ion:180 Resp: 9643

Ion Ratio Lower Upper

180 100

182 97.9 47.6 142.9

145 31.6 15.4 46.1

