

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017169.D
 Acq On : 01 Feb 2024 15:09
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 02 00:39:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:27:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	131584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	190065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123786	105.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 210.620%#	
35) Dibromofluoromethane	7.722	113	127246	108.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 217.080%#	
50) Toluene-d8	10.185	98	479286	112.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 224.580%#	
62) 4-Bromofluorobenzene	12.489	95	156555	111.967	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 223.940%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	89409	89.632	ug/l	97
3) Chloromethane	2.119	50	165600	92.413	ug/l	97
4) Vinyl Chloride	2.253	62	205345	94.034	ug/l	100
5) Bromomethane	2.650	94	142469	94.119	ug/l	98
6) Chloroethane	2.796	64	137007	97.169	ug/l	98
7) Trichlorofluoromethane	3.131	101	218894	97.481	ug/l	99
8) Diethyl Ether	3.534	74	72949	103.280	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	133812	98.307	ug/l	99
10) Methyl Iodide	4.095	142	155483	108.651	ug/l	99
11) Tert butyl alcohol	4.972	59	49898	522.297	ug/l	98
12) 1,1-Dichloroethene	3.881	96	127799	100.198	ug/l	98
13) Acrolein	3.735	56	48310	508.087	ug/l	97
14) Allyl chloride	4.485	41	201950	104.734	ug/l	98
15) Acrylonitrile	5.168	53	166325	523.005	ug/l	100
16) Acetone	3.954	43	162166	469.376	ug/l	98
17) Carbon Disulfide	4.198	76	403900	99.202	ug/l	100
18) Methyl Acetate	4.485	43	88122	114.335	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	329023	107.111	ug/l	99
20) Methylene Chloride	4.722	84	141839	104.024	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	150528	103.742	ug/l	98
22) Diisopropyl ether	6.125	45	441701	104.312	ug/l	99
23) Vinyl Acetate	6.070	43	1369102	533.613	ug/l	99
24) 1,1-Dichloroethane	6.027	63	260850	100.560	ug/l	99
25) 2-Butanone	6.990	43	232254	505.680	ug/l	96
26) 2,2-Dichloropropane	6.990	77	221671	102.738	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	167548	103.244	ug/l	99
28) Bromochloromethane	7.344	49	102596	103.296	ug/l	98
29) Tetrahydrofuran	7.356	42	140037	539.743	ug/l	99
30) Chloroform	7.515	83	263020	100.795	ug/l	100
31) Cyclohexane	7.795	56	228248	96.334	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	229359	102.185	ug/l	99
36) 1,1-Dichloropropene	7.923	75	208758	103.234	ug/l	99
37) Ethyl Acetate	7.082	43	94808	101.085	ug/l	99
38) Carbon Tetrachloride	7.911	117	203828	105.275	ug/l	100
39) Methylcyclohexane	9.191	83	255371	108.097	ug/l	98
40) Benzene	8.167	78	605225	104.806	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	47553	107.011	ug/l	87
42) 1,2-Dichloroethane	8.246	62	158318	103.546	ug/l	99
43) Isopropyl Acetate	8.277	43	183434	110.483	ug/l	99
44) Trichloroethene	8.947	130	154696	105.531	ug/l	97
45) 1,2-Dichloropropane	9.222	63	148511	104.700	ug/l	99
46) Dibromomethane	9.313	93	80947	105.646	ug/l	99
47) Bromodichloromethane	9.502	83	200901	104.771	ug/l	99
48) Methyl methacrylate	9.301	41	87150	111.908	ug/l	99
49) 1,4-Dioxane	9.307	88	18616	2232.200	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	495950	557.251	ug/l	99
52) Toluene	10.252	92	375228	107.649	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	201292	111.758	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	236446	109.599	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	110651	106.143	ug/l	99
56) Ethyl methacrylate	10.514	69	150901	104.127	ug/l	100
57) 1,3-Dichloropropane	10.795	76	190828	106.428	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	377371	581.069	ug/l	100
59) 2-Hexanone	10.837	43	357109	554.897	ug/l	98
60) Dibromochloromethane	10.990	129	132073	107.994	ug/l	100
61) 1,2-Dibromoethane	11.093	107	104923	108.220	ug/l	99
64) Tetrachloroethene	10.727	164	127073	102.945	ug/l	97
65) Chlorobenzene	11.526	112	382038	104.197	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	143105	107.400	ug/l	99
67) Ethyl Benzene	11.599	91	728118	109.880	ug/l	100
68) m/p-Xylenes	11.709	106	552392	219.665	ug/l	100
69) o-Xylene	12.038	106	259219	111.936	ug/l	99
70) Styrene	12.050	104	433971	113.737	ug/l	99
71) Bromoform	12.215	173	77276	110.741	ug/l #	98
73) Isopropylbenzene	12.337	105	679551	108.607	ug/l	100
74) N-amyl acetate	12.148	43	160378	114.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	127947	103.967	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	158710	189.205	ug/l #	100
77) Bromobenzene	12.617	156	146872	105.825	ug/l	98
78) n-propylbenzene	12.678	91	828174	107.769	ug/l	100
79) 2-Chlorotoluene	12.764	91	448504	106.159	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	547047	109.932	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	41290	109.138	ug/l	97
82) 4-Chlorotoluene	12.861	91	458903	105.539	ug/l	100
83) tert-Butylbenzene	13.081	119	470885	110.392	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	542051	110.356	ug/l	98
85) sec-Butylbenzene	13.258	105	720636	108.093	ug/l	99
86) p-Isopropyltoluene	13.373	119	588831	110.527	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	292407	105.611	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	281728	104.737	ug/l	100
89) n-Butylbenzene	13.703	91	556120	109.791	ug/l	100
90) Hexachloroethane	13.971	117	115189	105.321	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	248028	105.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17266	107.711	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	133089	113.678	ug/l	100
94) Hexachlorobutadiene	15.117	225	72458	105.083	ug/l	99
95) Naphthalene	15.245	128	274211	105.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	115358	115.854	ug/l	98

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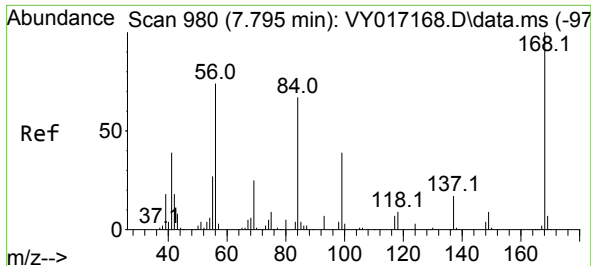
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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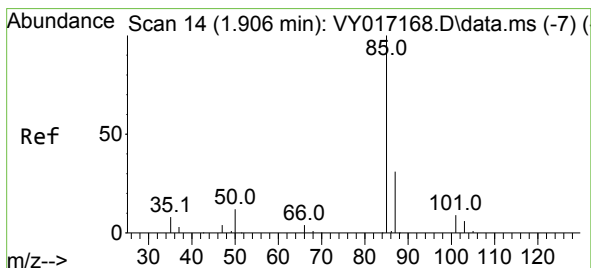
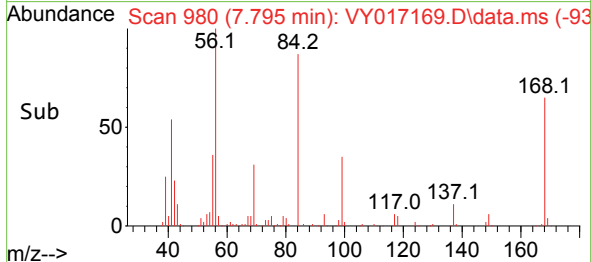
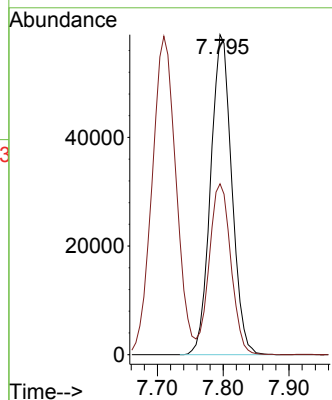
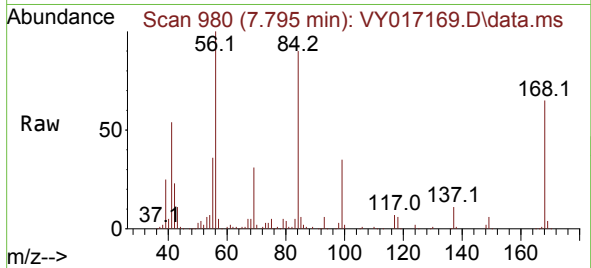




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017169.D
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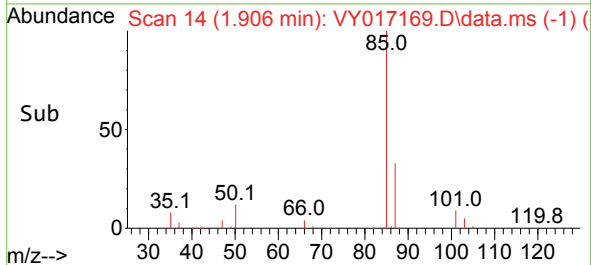
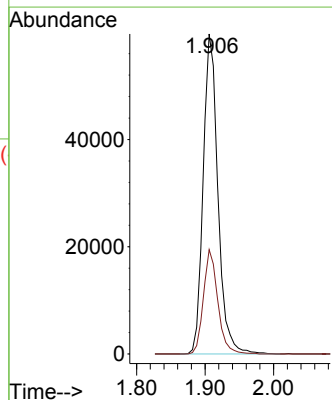
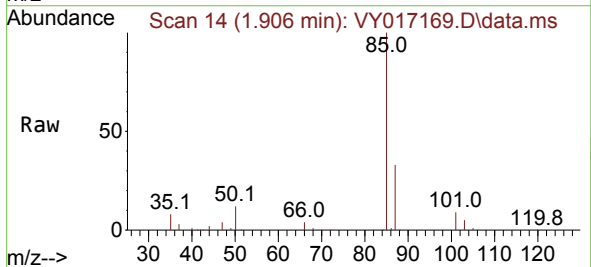
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

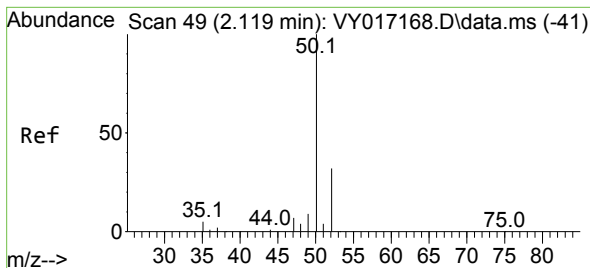
Tgt Ion:168 Resp: 131584
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 89.632 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 85 Resp: 89409
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.3





#3

Chloromethane

Concen: 92.413 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

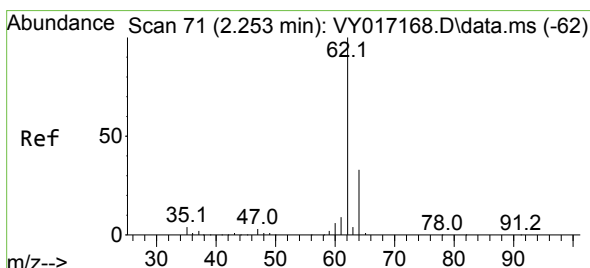
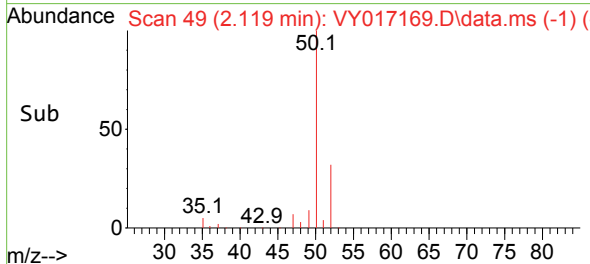
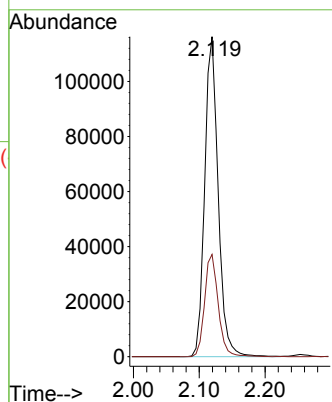
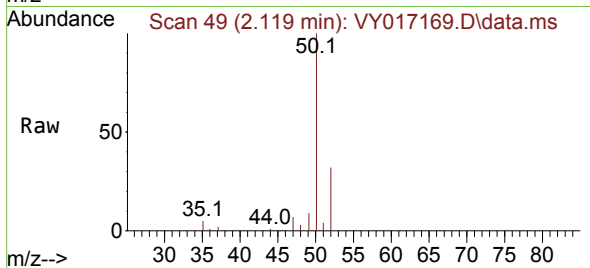
VSTDIC100

Tgt Ion: 50 Resp: 165600

Ion Ratio Lower Upper

50 100

52 31.9 26.7 40.1



#4

Vinyl Chloride

Concen: 94.034 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY017169.D

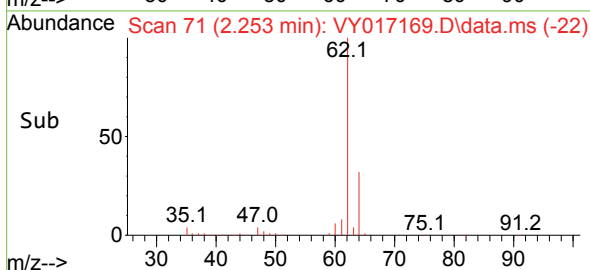
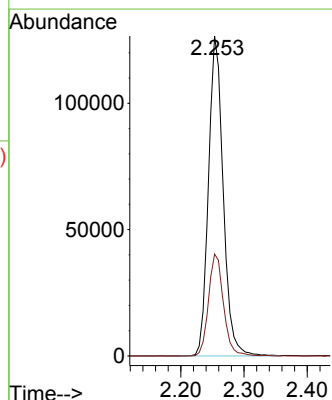
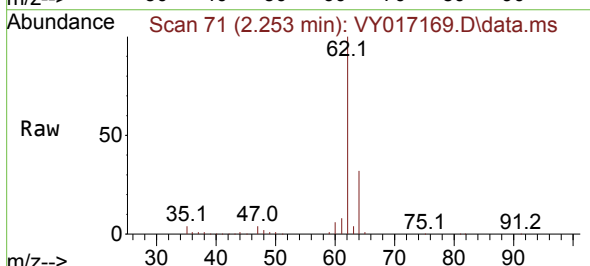
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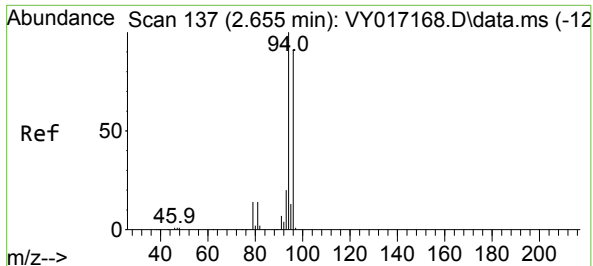
Tgt Ion: 62 Resp: 205345

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5

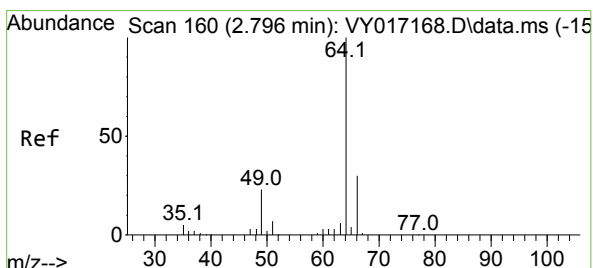
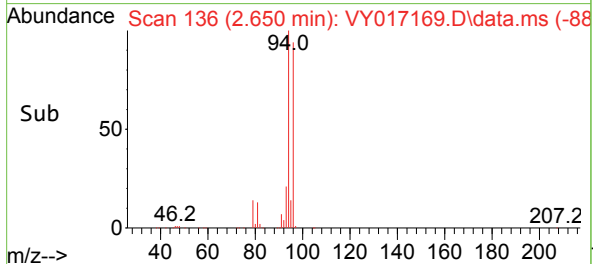
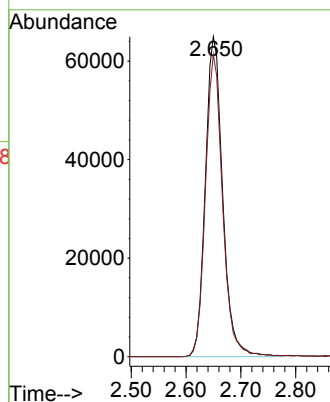
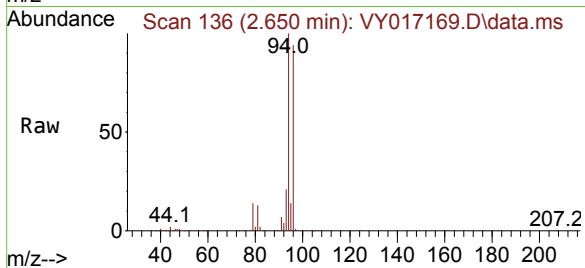




#5
Bromomethane
Concen: 94.119 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

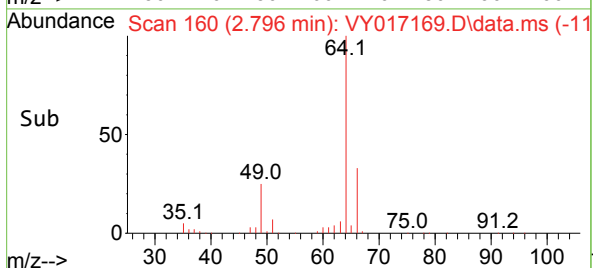
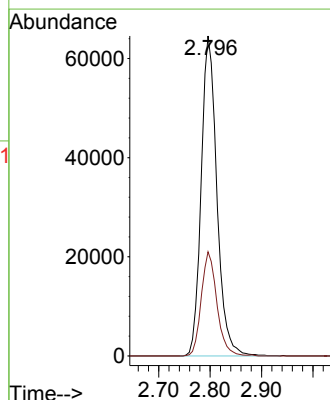
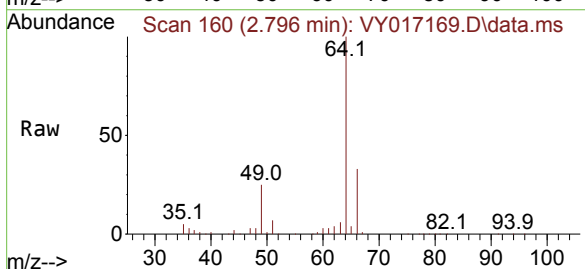
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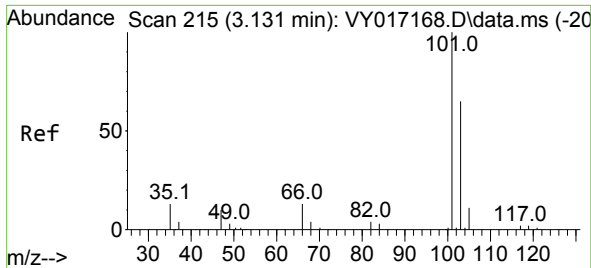
Tgt Ion: 94 Resp: 142469
Ion Ratio Lower Upper
94 100
96 94.5 77.3 115.9



#6
Chloroethane
Concen: 97.169 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 64 Resp: 137007
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7

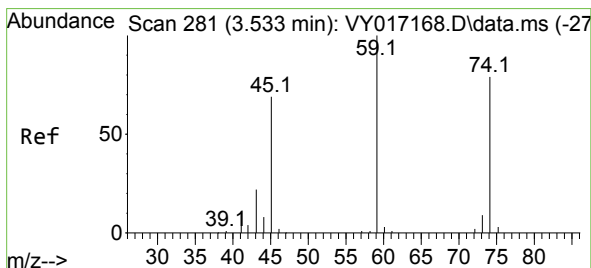
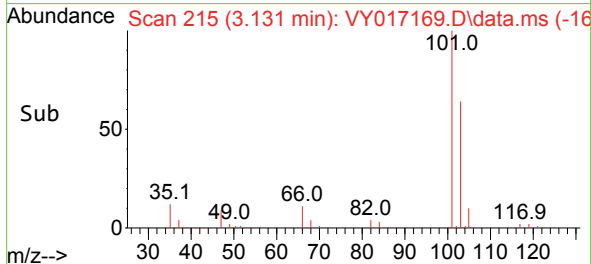
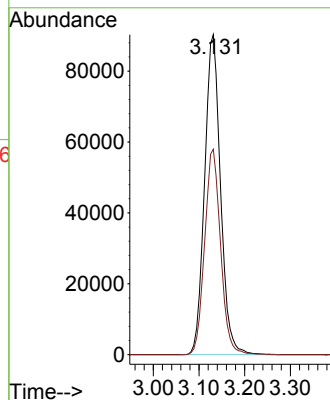
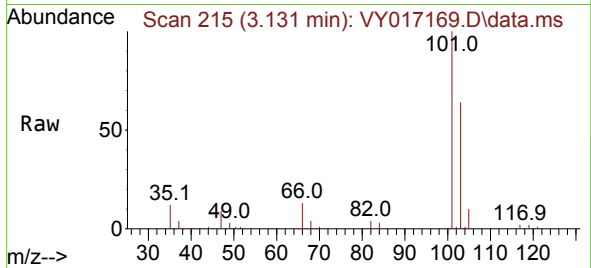




#7
Trichlorofluoromethane
Concen: 97.481 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

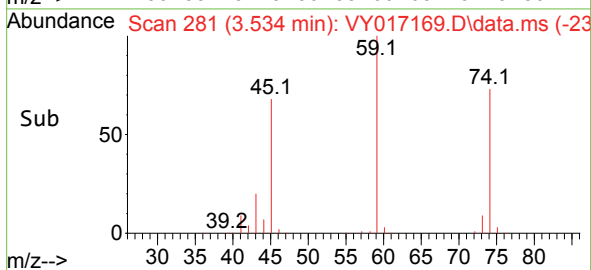
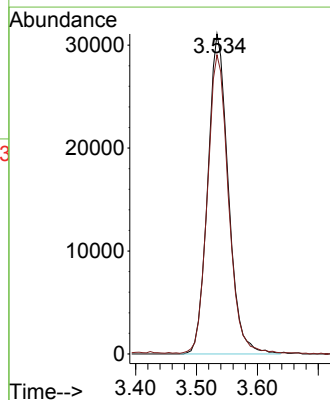
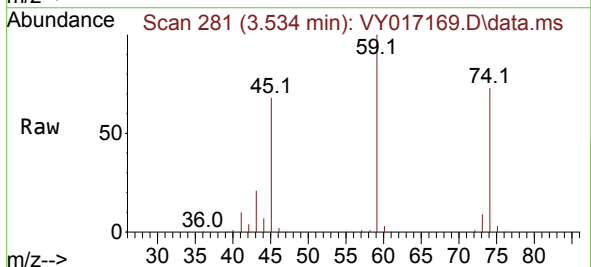
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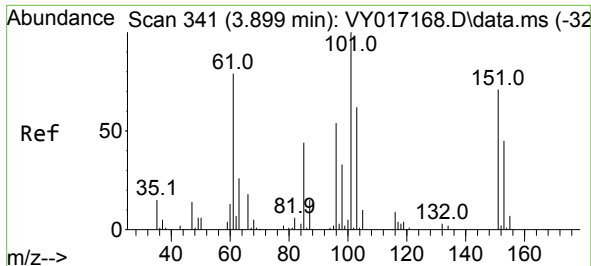
Tgt Ion:101 Resp: 218894
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9



#8
Diethyl Ether
Concen: 103.280 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 74 Resp: 72949
Ion Ratio Lower Upper
74 100
45 95.2 47.9 143.7

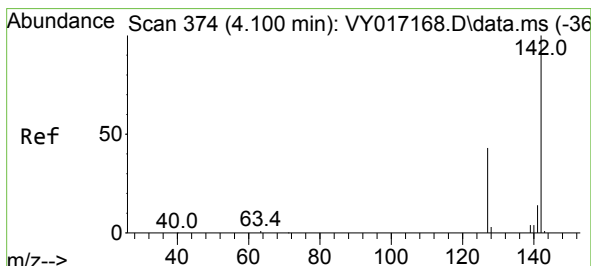
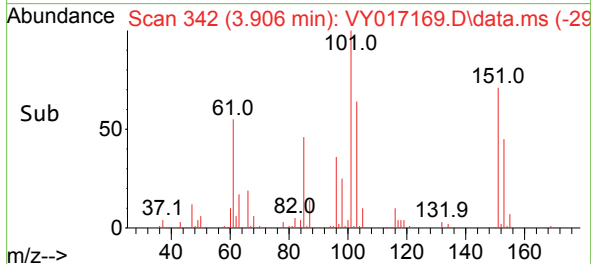
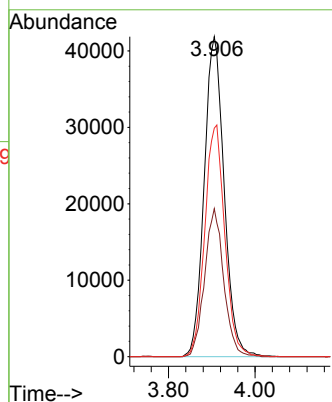
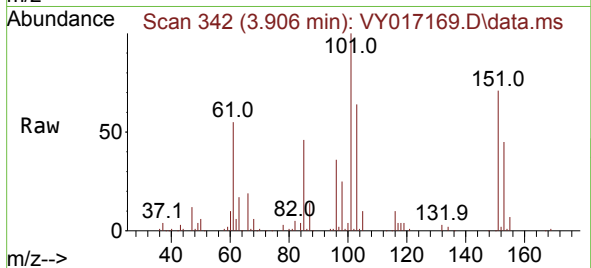




#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.307 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

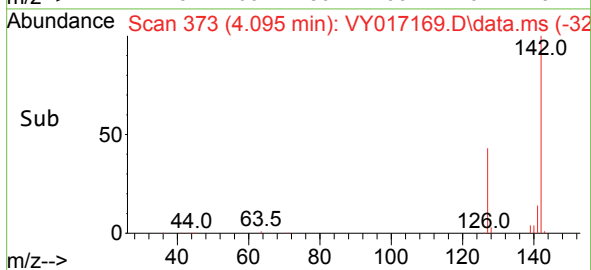
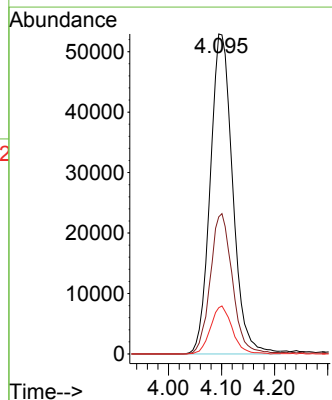
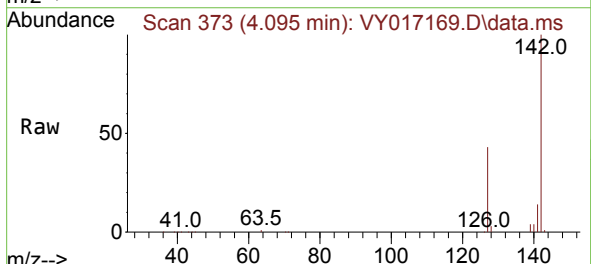
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

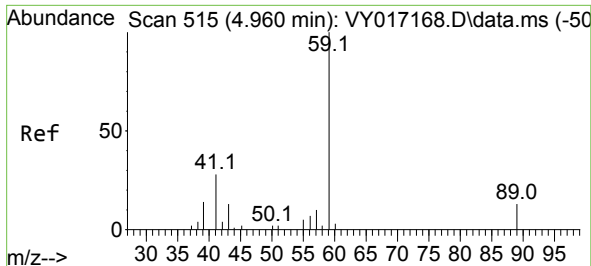
Tgt Ion:101 Resp: 133812
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.6
151 72.8 58.6 88.0



#10
Methyl Iodide
Concen: 108.651 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion:142 Resp: 155483
Ion Ratio Lower Upper
142 100
127 43.3 35.1 52.7
141 14.5 11.8 17.6

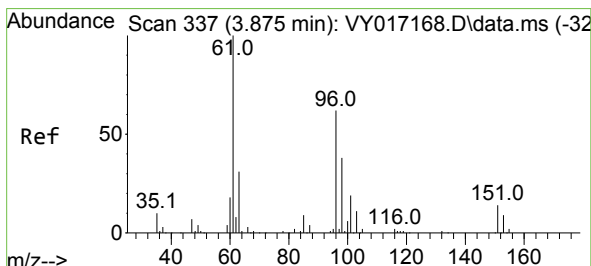
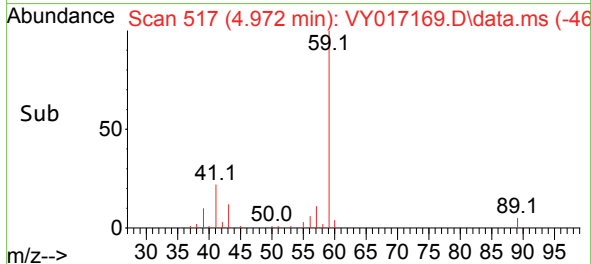
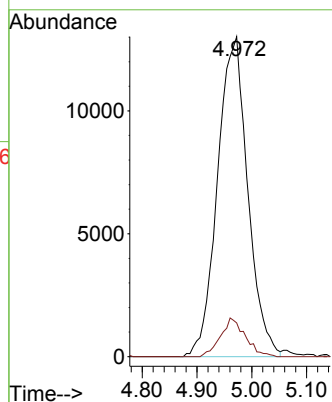
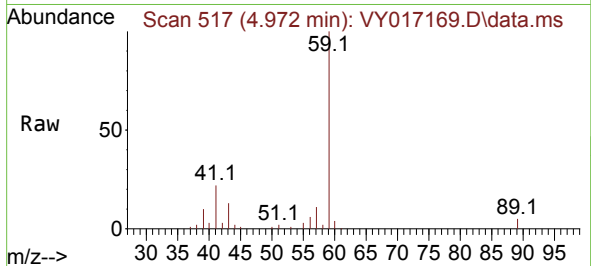




#11
Tert butyl alcohol
Concen: 522.297 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

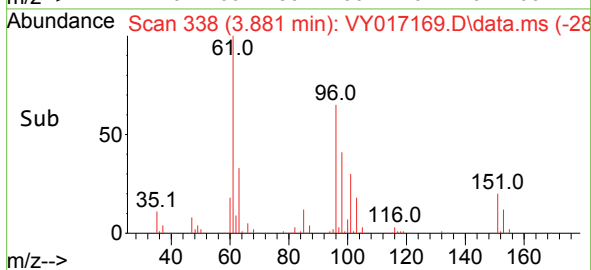
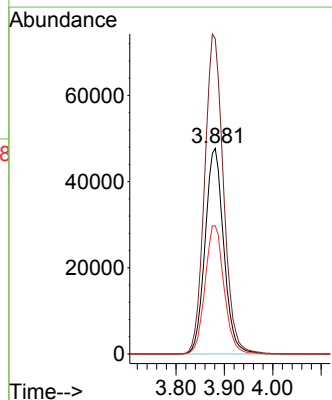
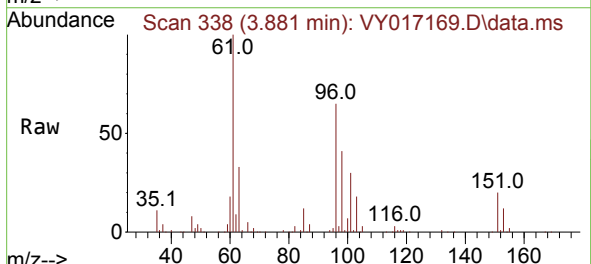
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

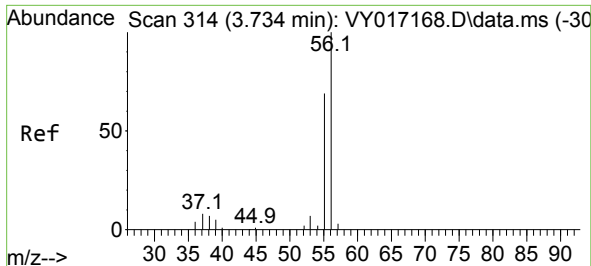
Tgt Ion: 59 Resp: 49898
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.0



#12
1,1-Dichloroethene
Concen: 100.198 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.007 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 96 Resp: 127799
Ion Ratio Lower Upper
96 100
61 153.4 124.2 186.2
98 62.4 52.6 79.0

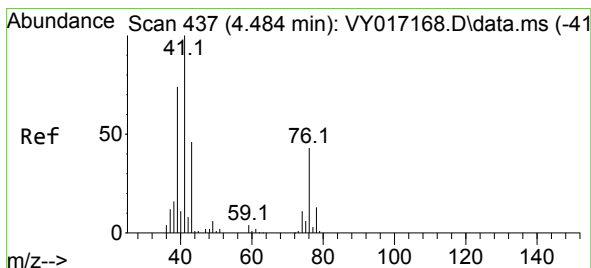
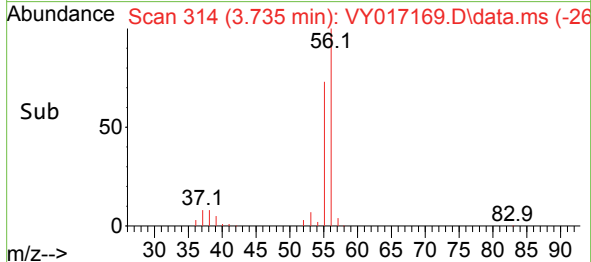
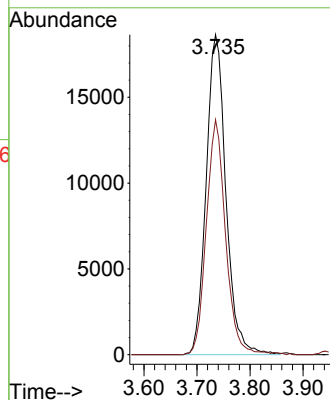
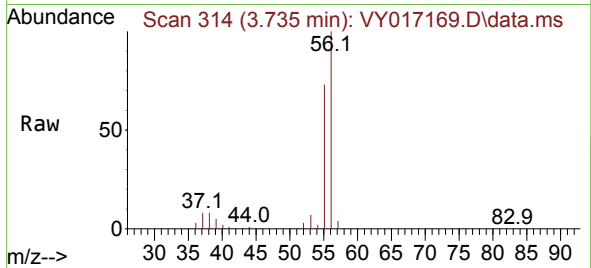




#13
Acrolein
Concen: 508.087 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.001 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

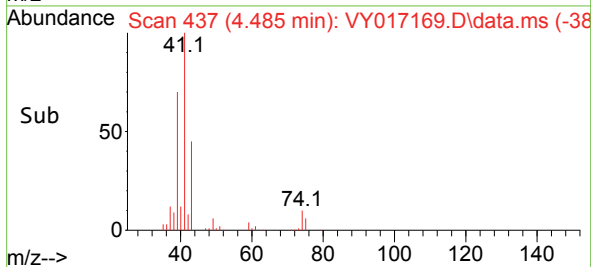
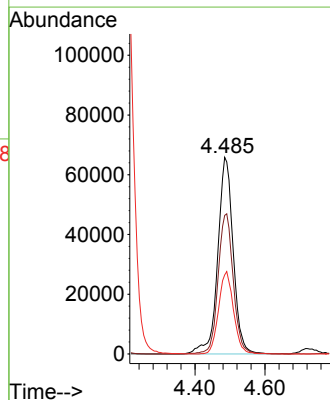
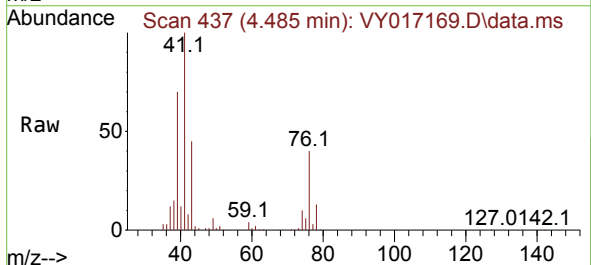
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

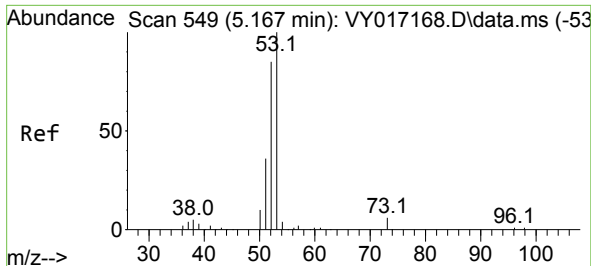
Tgt Ion: 56 Resp: 48310
Ion Ratio Lower Upper
56 100
55 71.3 55.4 83.0



#14
Allyl chloride
Concen: 104.734 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 41 Resp: 201950
Ion Ratio Lower Upper
41 100
39 70.2 54.7 82.1
76 40.4 31.8 47.6

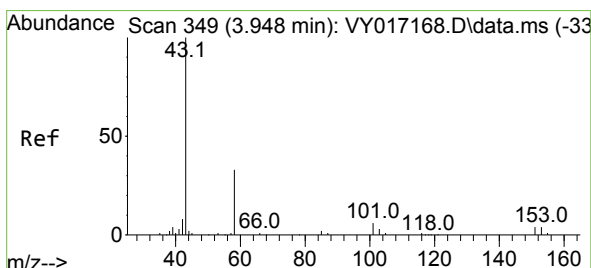
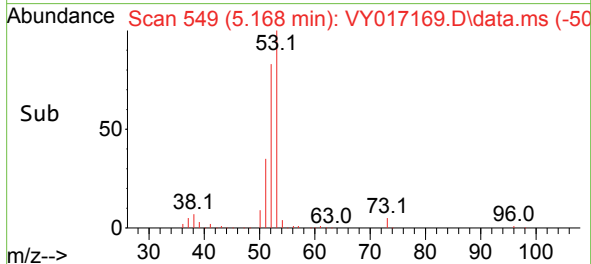
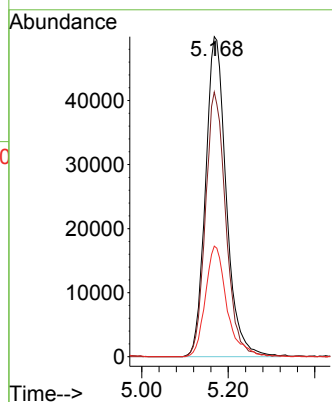
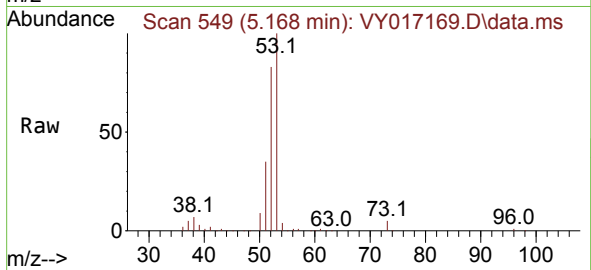




#15
Acrylonitrile
Concen: 523.005 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

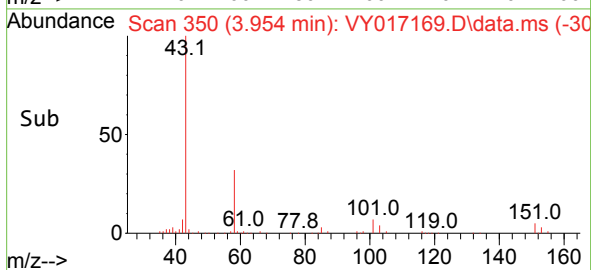
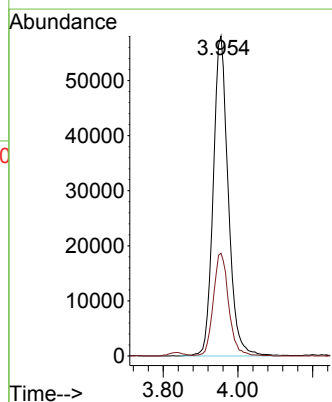
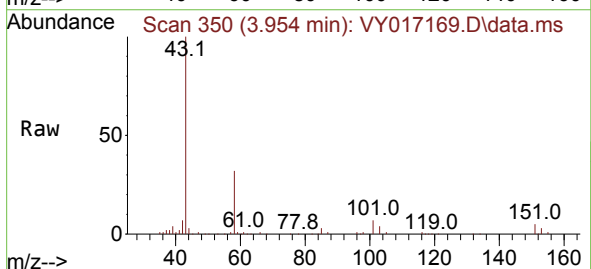
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

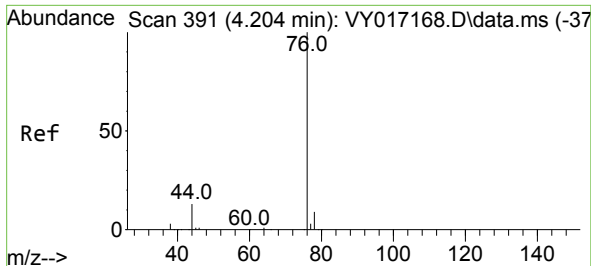
Tgt Ion: 53 Resp: 166325
Ion Ratio Lower Upper
53 100
52 81.0 65.1 97.7
51 36.0 29.0 43.4



#16
Acetone
Concen: 469.376 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 43 Resp: 162166
Ion Ratio Lower Upper
43 100
58 32.1 26.6 39.8

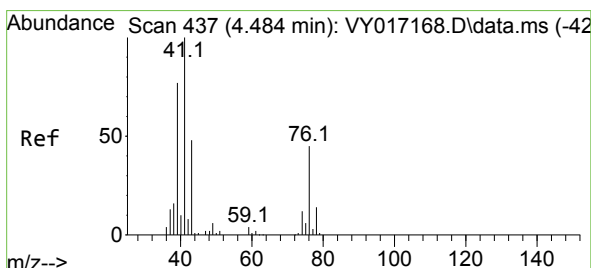
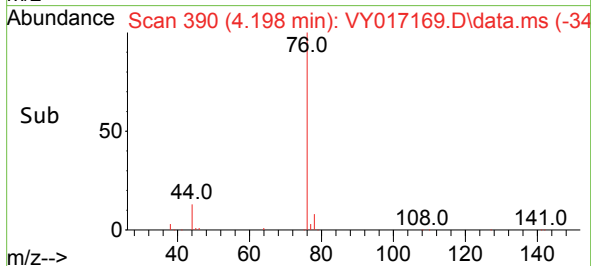
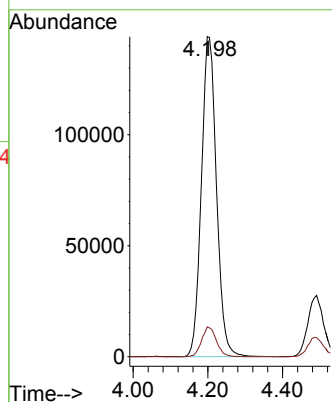
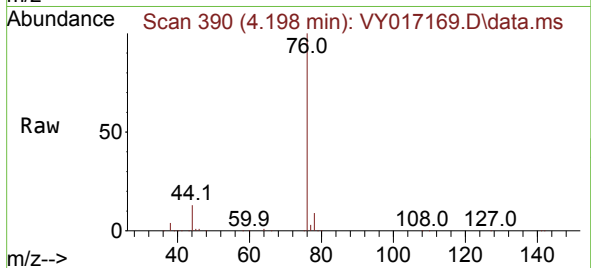




#17
Carbon Disulfide
Concen: 99.202 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

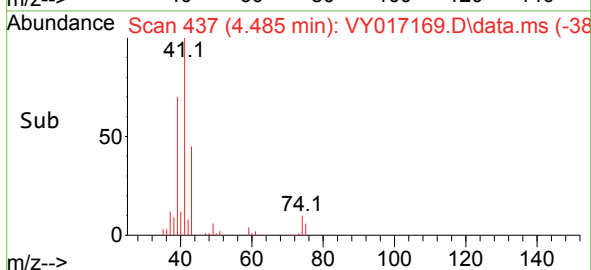
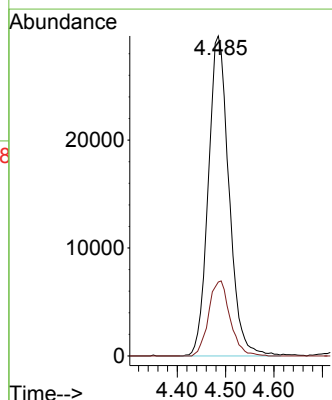
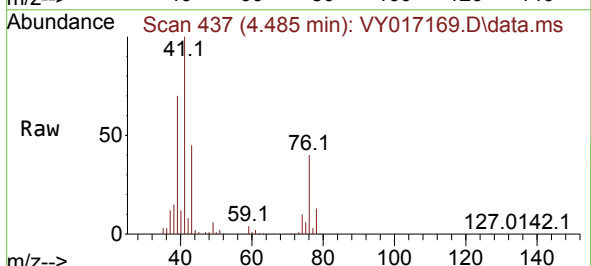
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

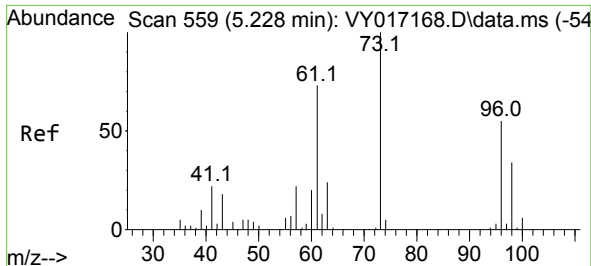
Tgt Ion: 76 Resp: 403900
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 114.335 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 43 Resp: 88122
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 107.111 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

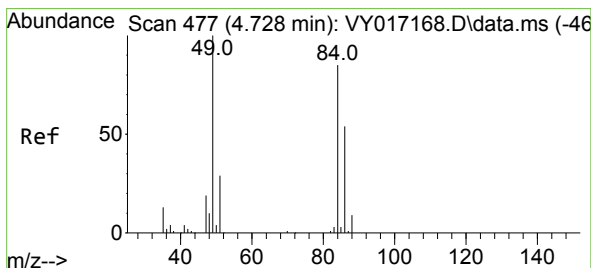
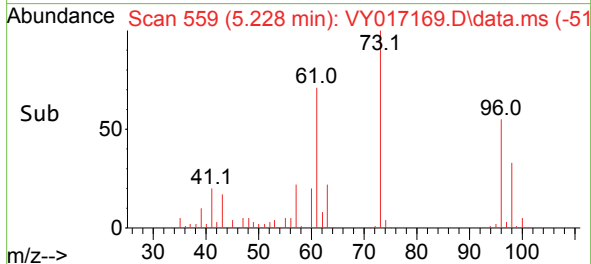
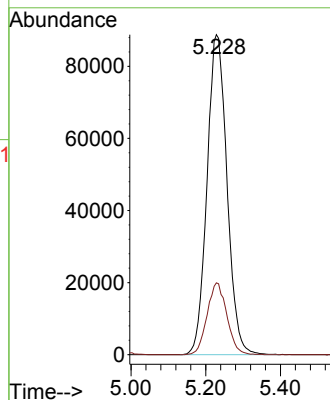
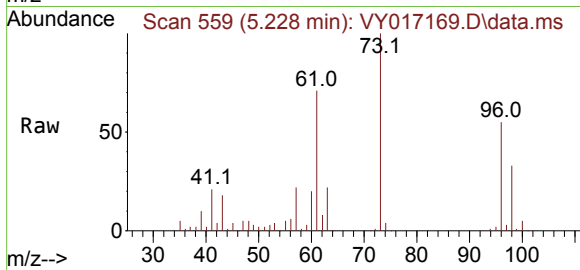
VSTDIC100

Tgt Ion: 73 Resp: 329023

Ion Ratio Lower Upper

73 100

57 22.5 17.7 26.5



#20

Methylene Chloride

Concen: 104.024 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Tgt Ion: 84 Resp: 141839

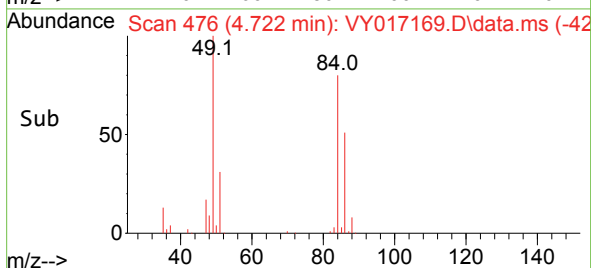
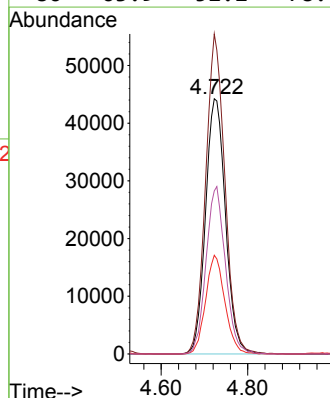
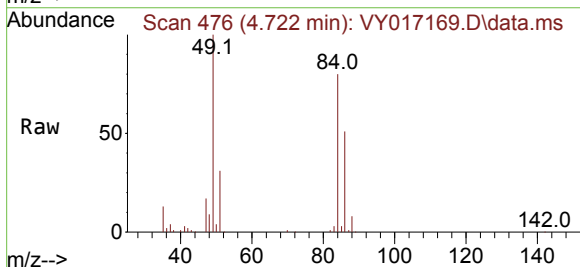
Ion Ratio Lower Upper

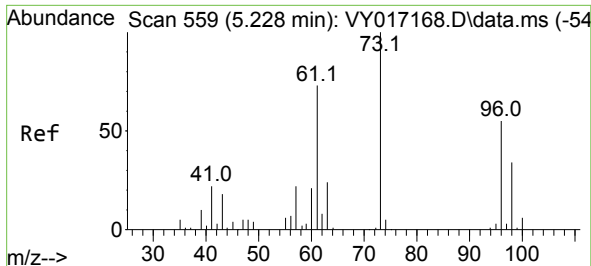
84 100

49 125.4 95.2 142.8

51 38.7 29.9 44.9

86 63.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 103.742 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

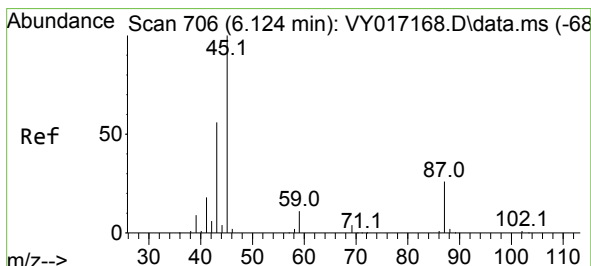
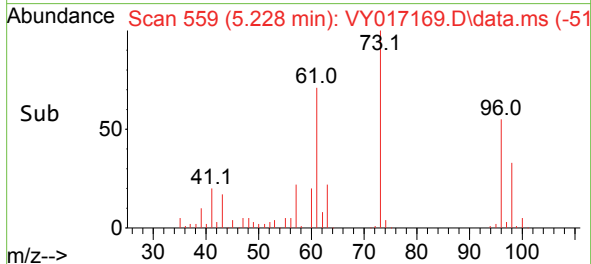
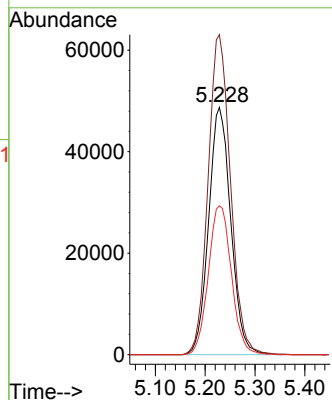
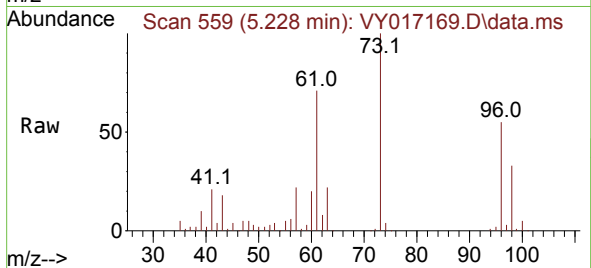
Tgt Ion: 96 Resp: 150528

Ion Ratio Lower Upper

96 100

61 129.3 104.6 156.8

98 60.2 50.9 76.3



#22

Diisopropyl ether

Concen: 104.312 ug/l

RT: 6.125 min Scan# 706

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Tgt Ion: 45 Resp: 441701

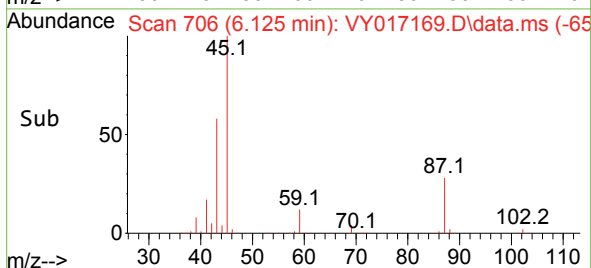
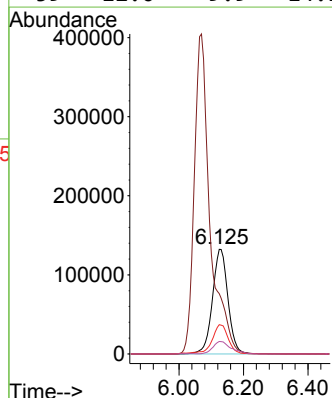
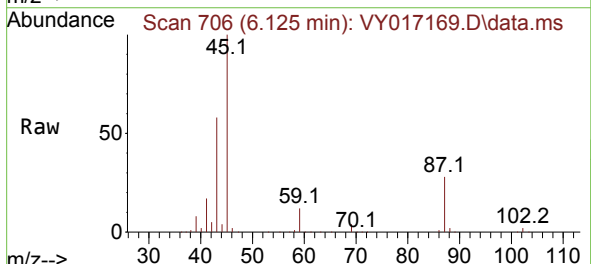
Ion Ratio Lower Upper

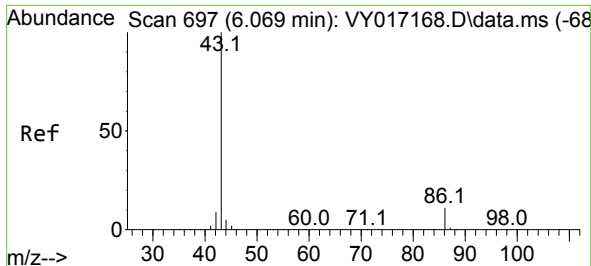
45 100

43 57.5 46.8 70.2

87 28.1 22.2 33.2

59 12.0 9.9 14.9

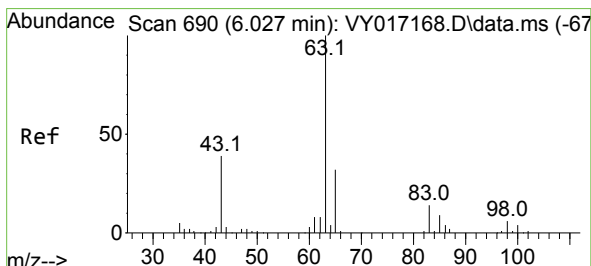
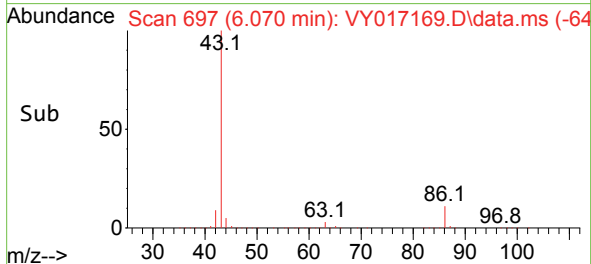
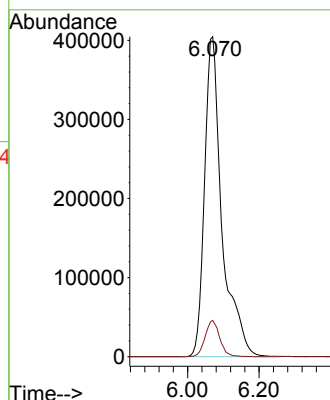
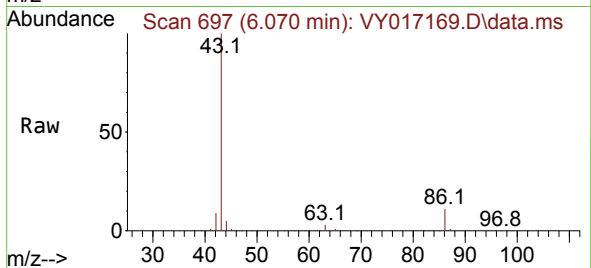




#23
 Vinyl Acetate
 Concen: 533.613 ug/l
 RT: 6.070 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY017169.D
 Acq: 01 Feb 2024 15:09

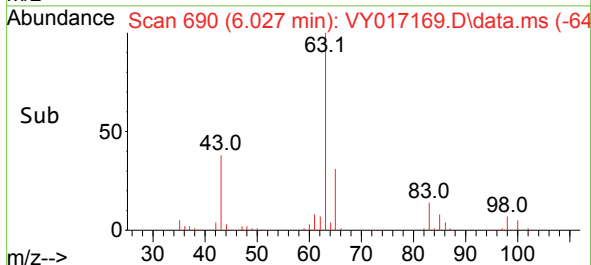
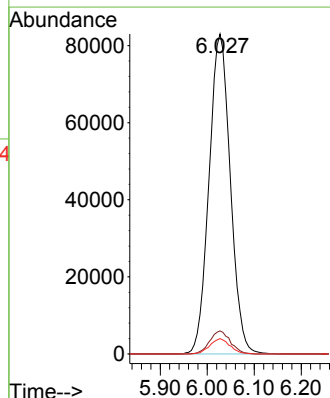
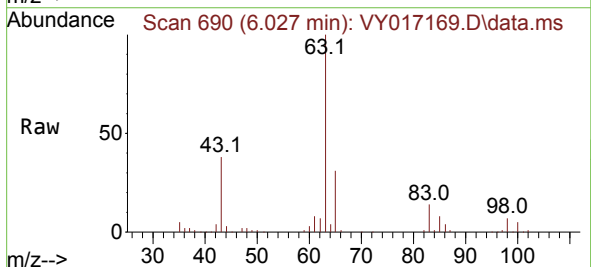
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 1369102
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 100.560 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017169.D
 Acq: 01 Feb 2024 15:09

Tgt Ion: 63 Resp: 260850
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 505.680 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

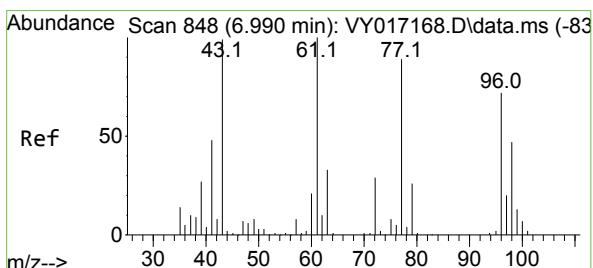
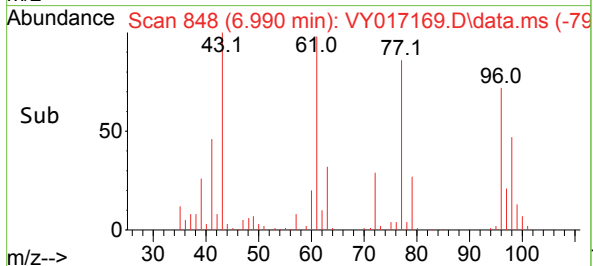
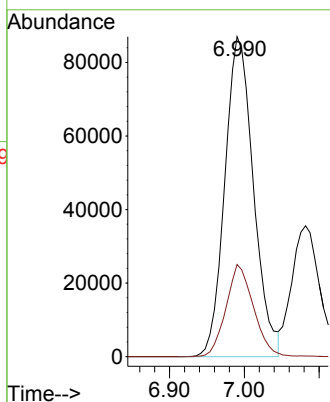
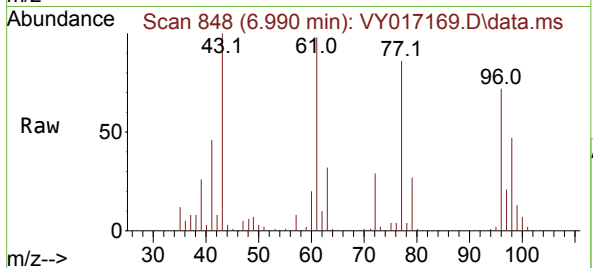
VSTDIC100

Tgt Ion: 43 Resp: 232254

Ion Ratio Lower Upper

43 100

72 28.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 102.738 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017169.D

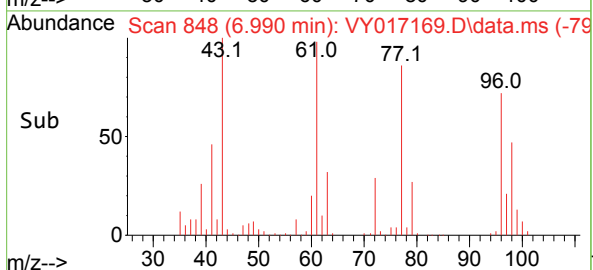
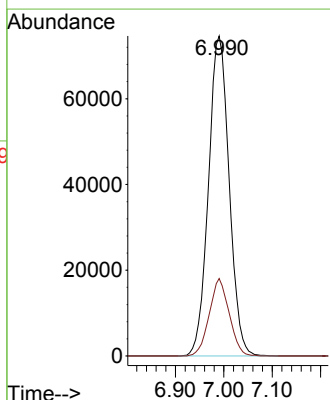
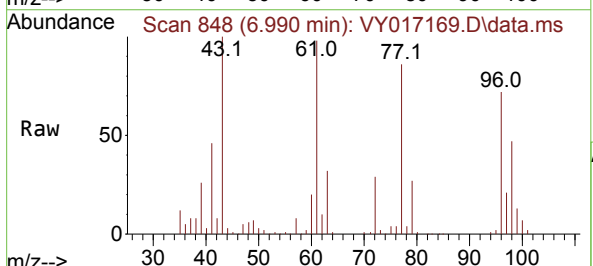
Acq: 01 Feb 2024 15:09

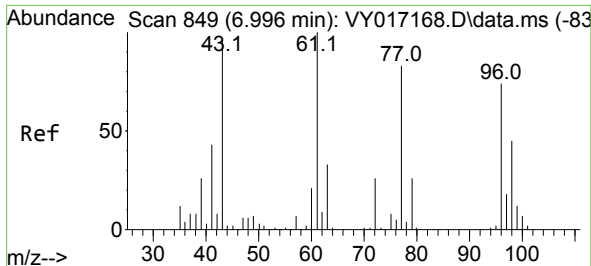
Tgt Ion: 77 Resp: 221671

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 103.244 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

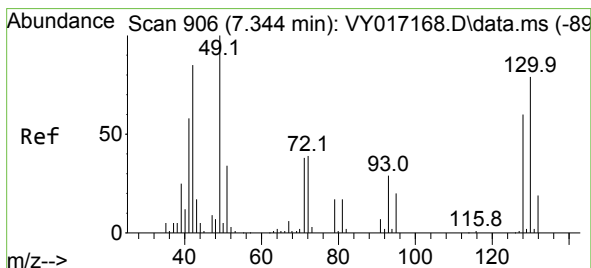
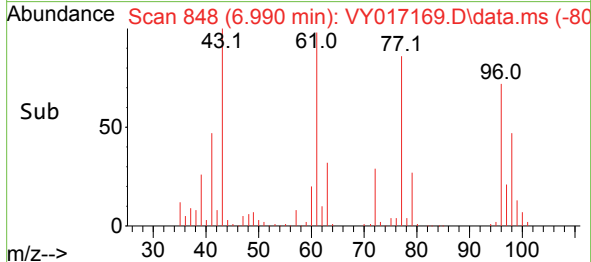
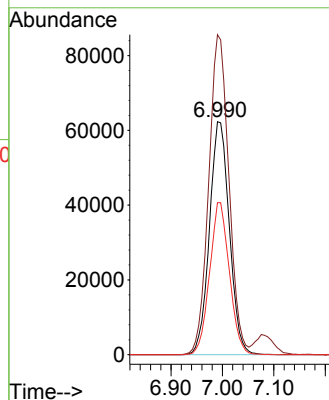
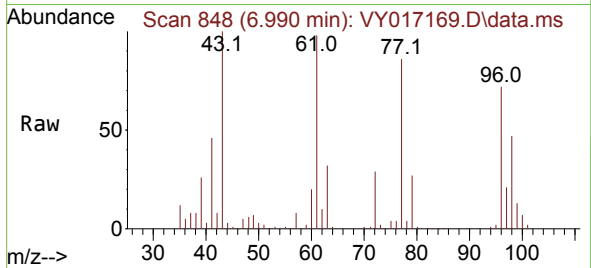
Tgt Ion: 96 Resp: 167548

Ion Ratio Lower Upper

96 100

61 139.1 0.0 278.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 103.296 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

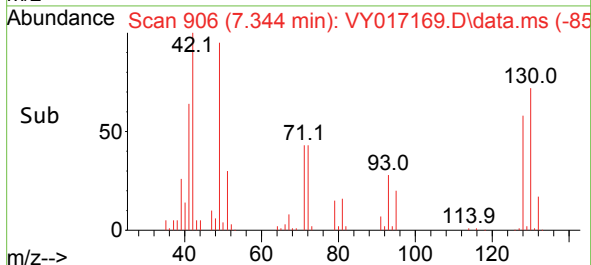
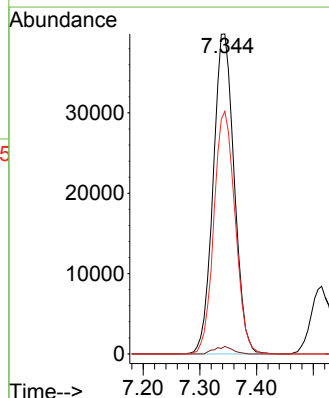
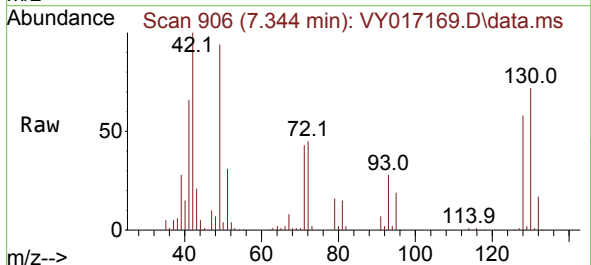
Tgt Ion: 49 Resp: 102596

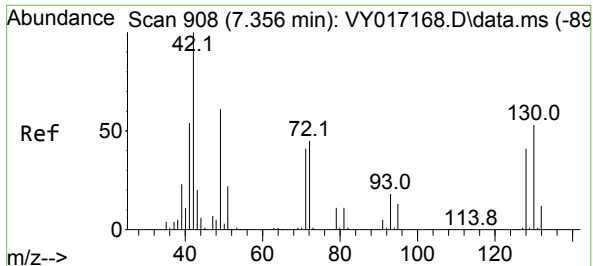
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 76.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 539.743 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

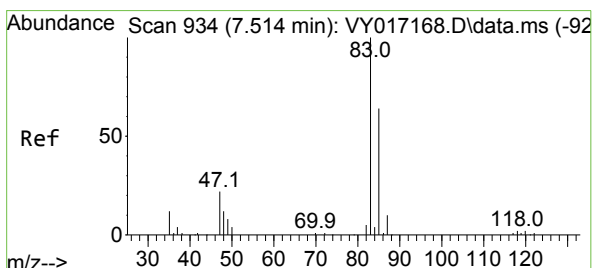
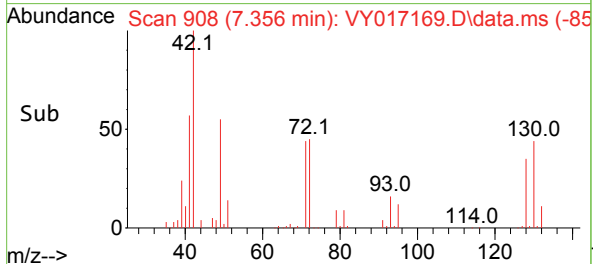
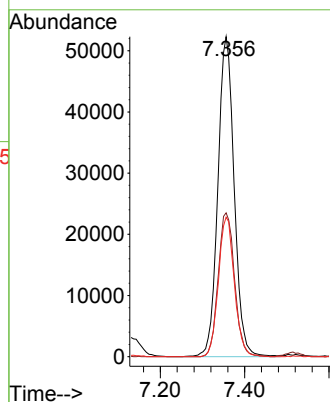
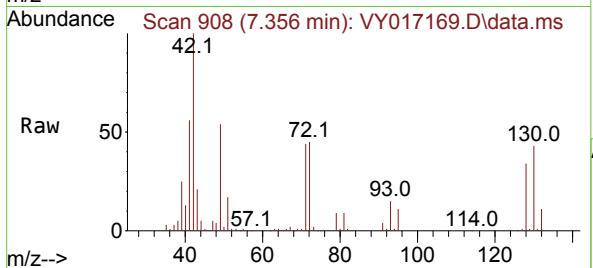
Tgt Ion: 42 Resp: 140037

Ion Ratio Lower Upper

42 100

72 45.2 36.6 54.8

71 42.6 33.8 50.6



#30

Chloroform

Concen: 100.795 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017169.D

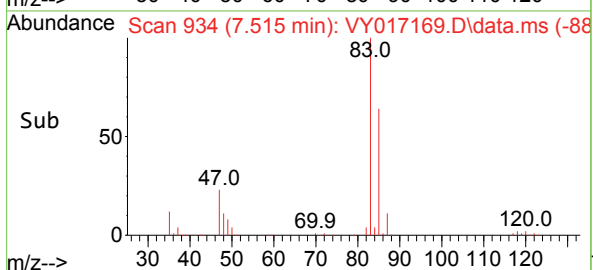
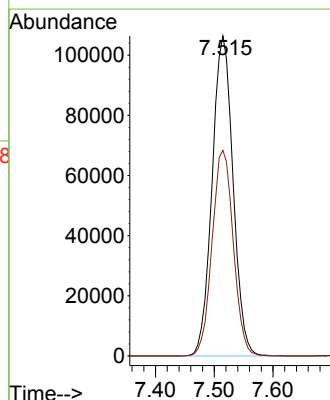
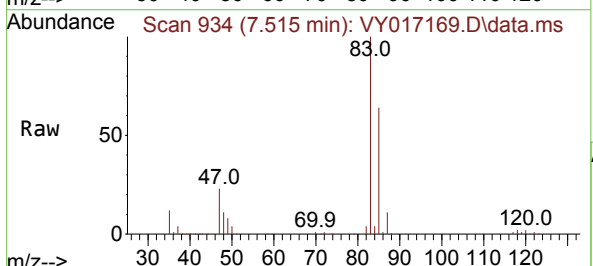
Acq: 01 Feb 2024 15:09

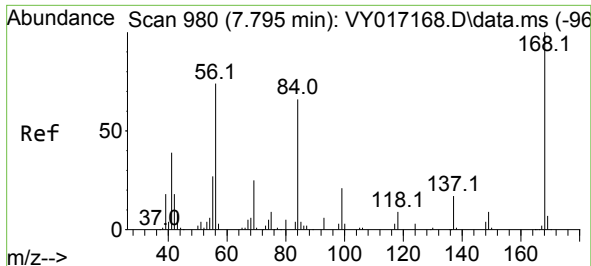
Tgt Ion: 83 Resp: 263020

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

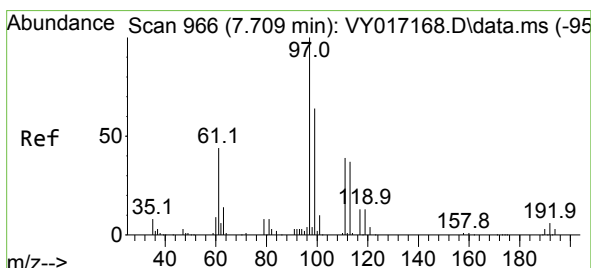
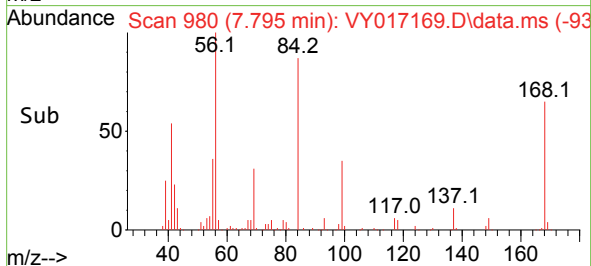
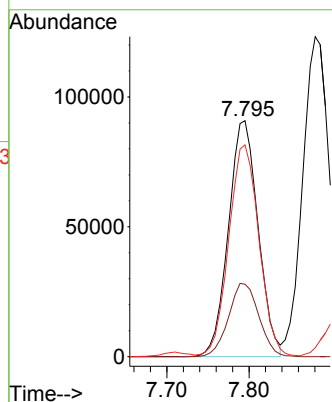
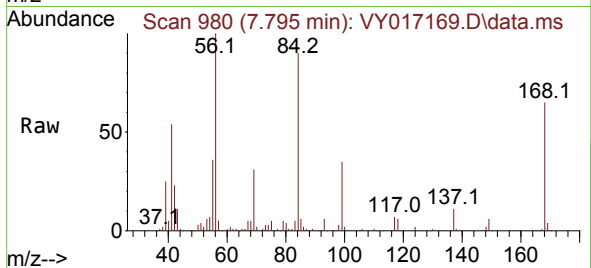




#31
Cyclohexane
Concen: 96.334 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

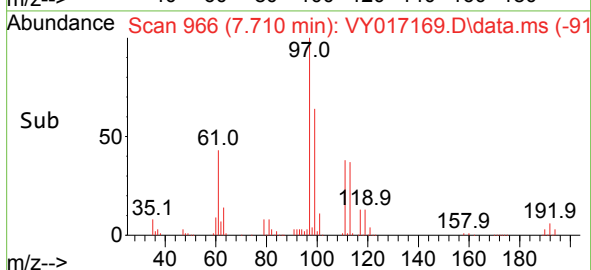
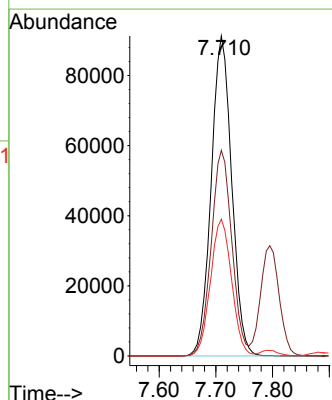
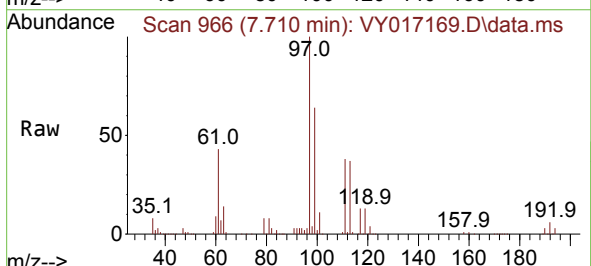
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

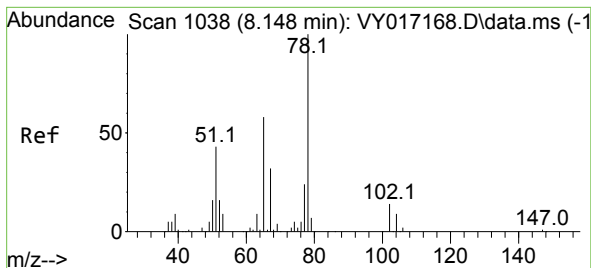
Tgt Ion: 56 Resp: 228248
Ion Ratio Lower Upper
56 100
69 30.7 27.0 40.6
84 88.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 102.185 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 97 Resp: 229359
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 44.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 105.306 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

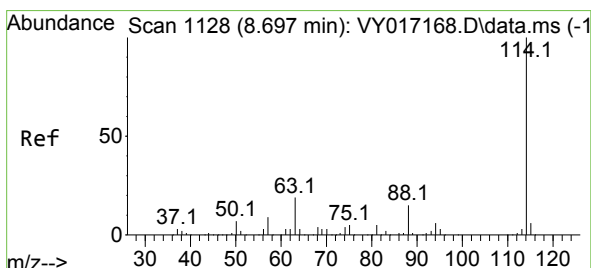
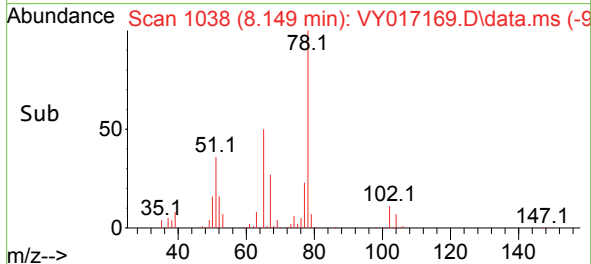
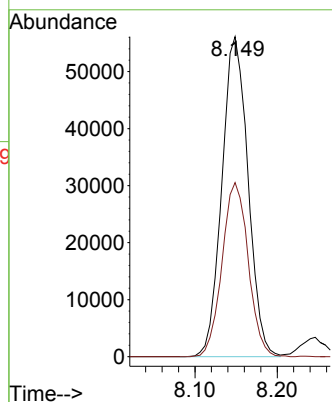
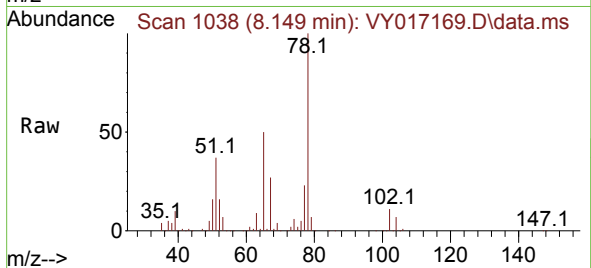
VSTDIC100

Tgt Ion: 65 Resp: 123786

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

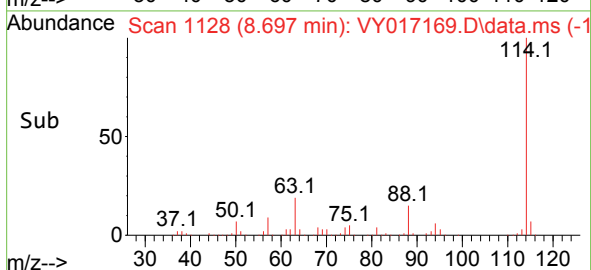
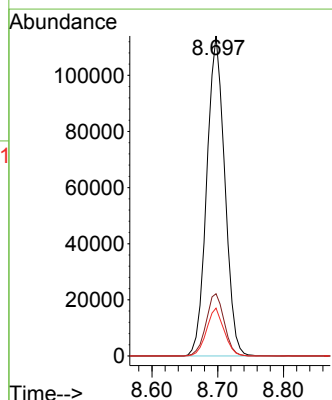
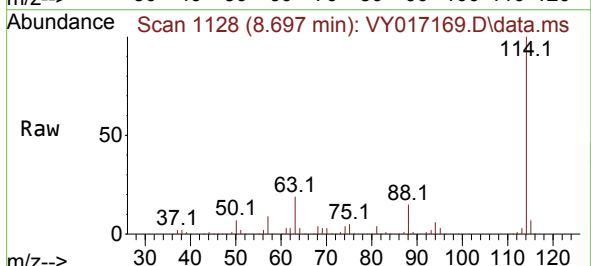
Tgt Ion: 114 Resp: 217122

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 15.0 0.0 29.0

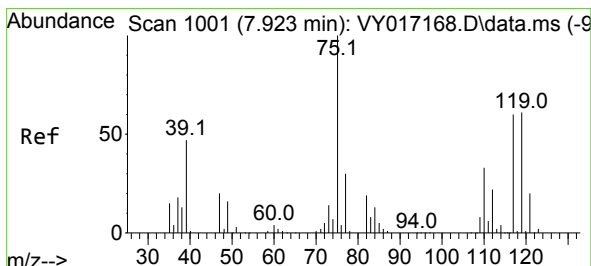
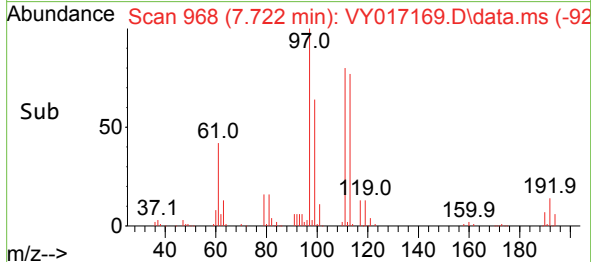
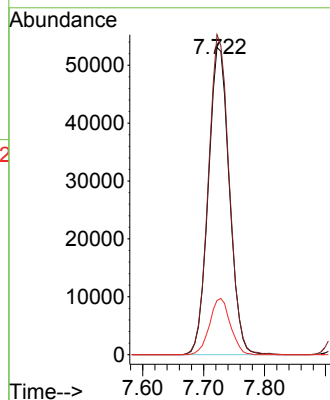
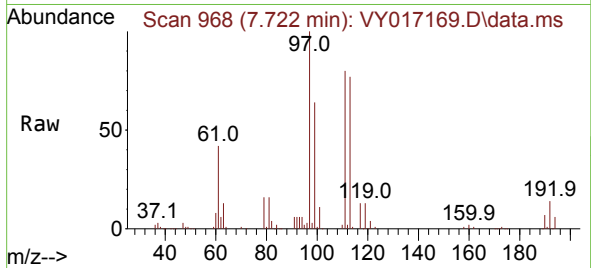




#35
Dibromofluoromethane
Concen: 108.542 ug/l
RT: 7.722 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

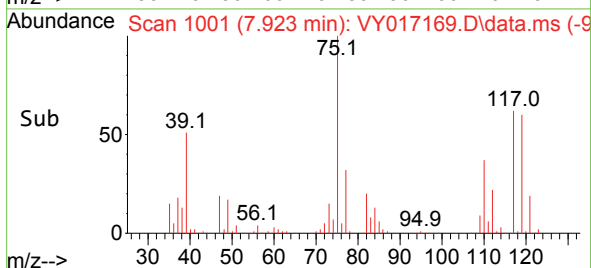
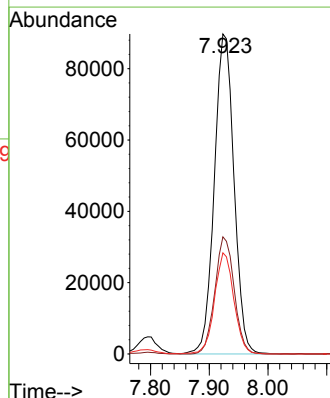
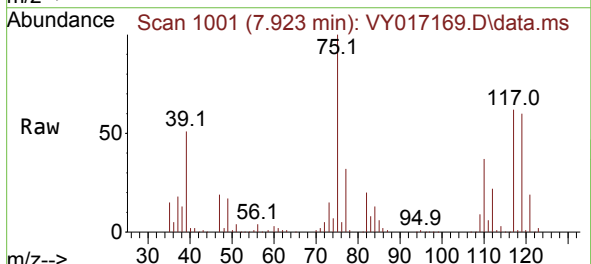
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

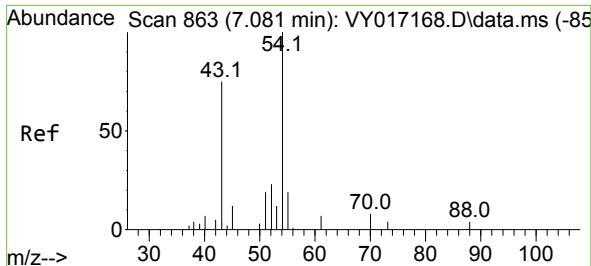
Tgt Ion:113 Resp: 127246
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 103.234 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 75 Resp: 208758
Ion Ratio Lower Upper
75 100
110 35.9 17.4 52.3
77 31.0 24.7 37.1

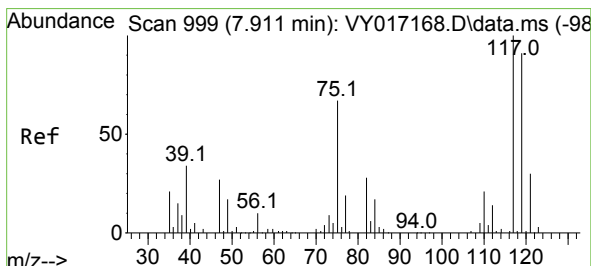
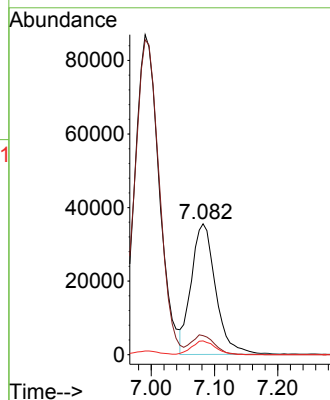
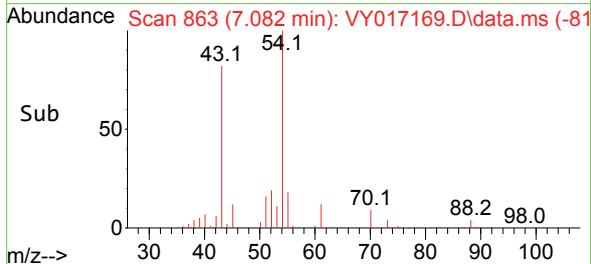
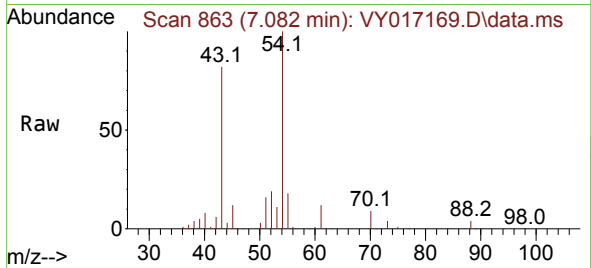




#37
Ethyl Acetate
Concen: 101.085 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

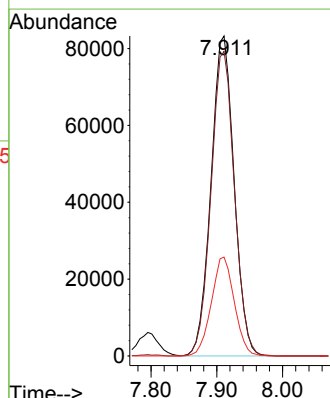
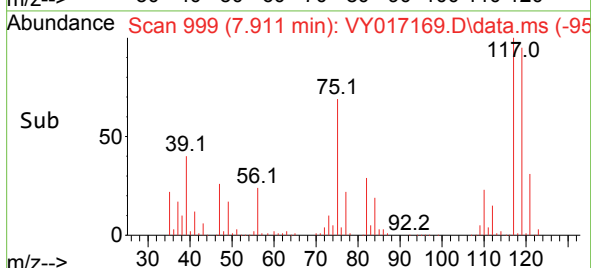
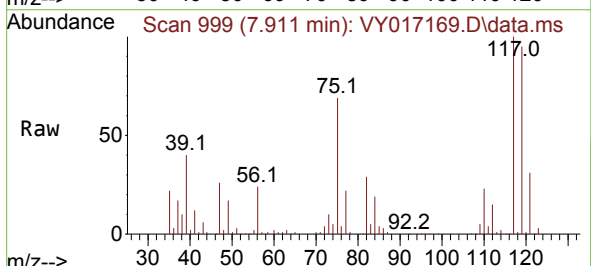
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

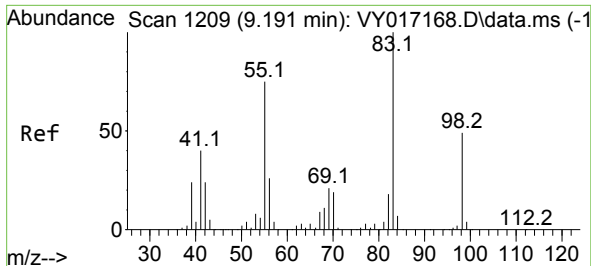
Tgt Ion:	43	Resp:	94808
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.6
70	10.4	8.1	12.1



#38
Carbon Tetrachloride
Concen: 105.275 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion:	117	Resp:	203828
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.0	114.0
121	30.9	24.2	36.2

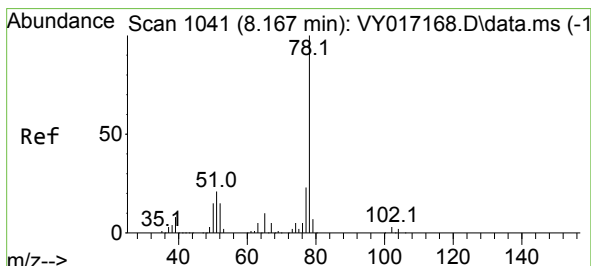
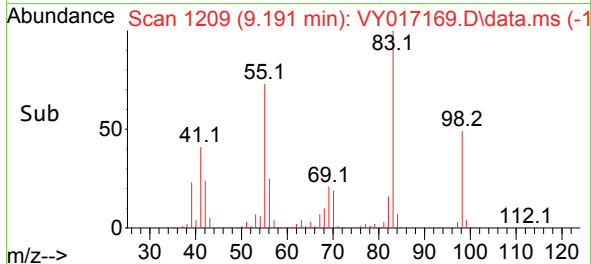
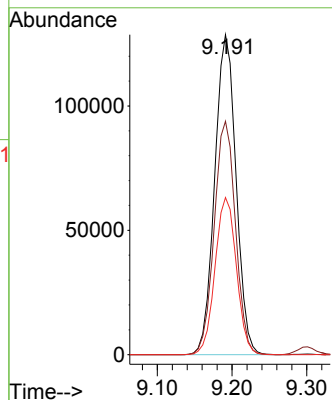
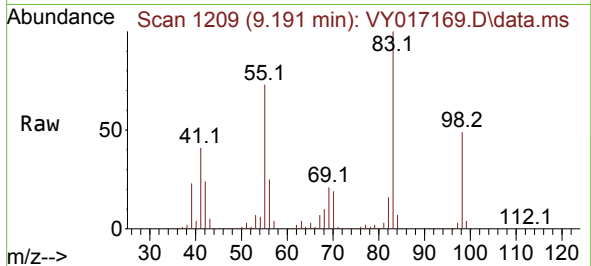




#39
Methylcyclohexane
Concen: 108.097 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

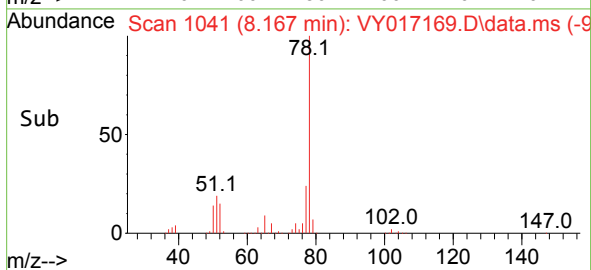
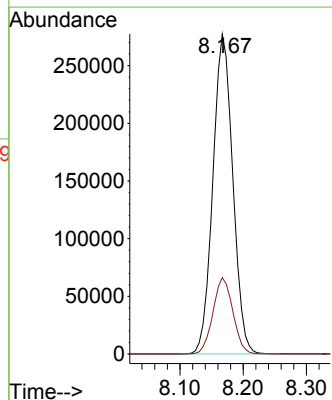
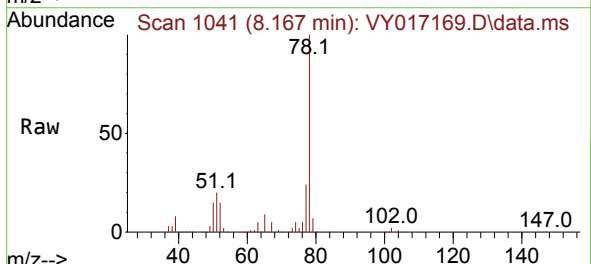
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

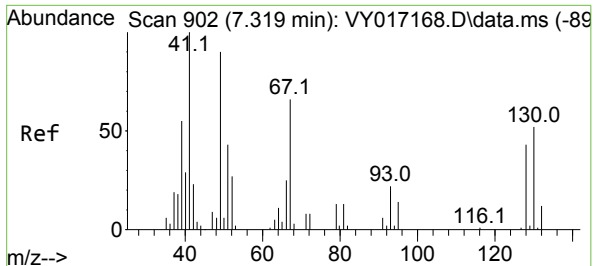
Tgt Ion: 83 Resp: 255371
Ion Ratio Lower Upper
83 100
55 73.0 59.7 89.5
98 49.1 38.0 57.0



#40
Benzene
Concen: 104.806 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 78 Resp: 605225
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

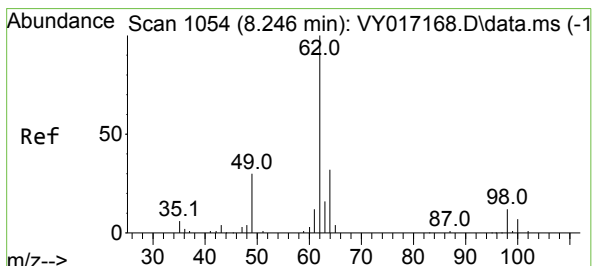
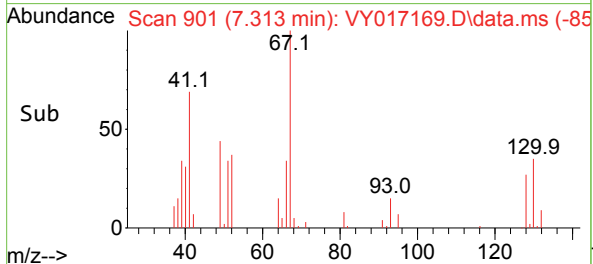
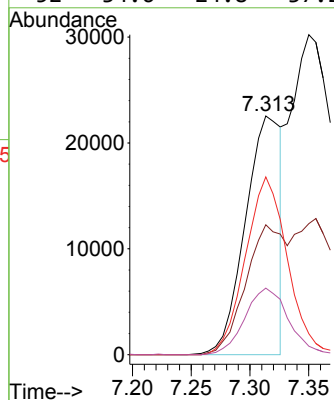
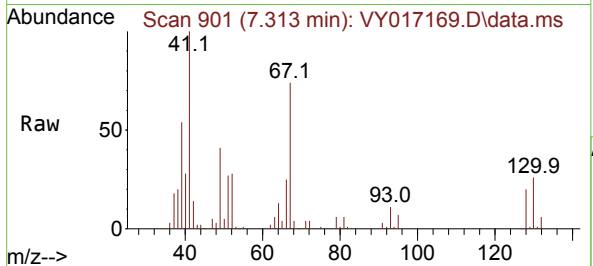




#41
Methacrylonitrile
Concen: 107.011 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

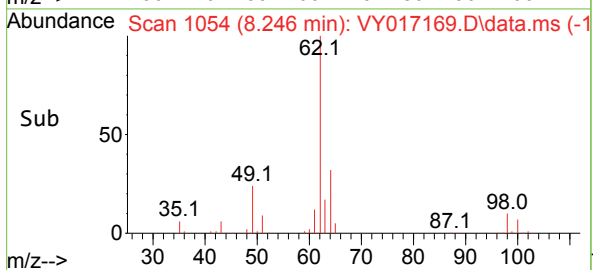
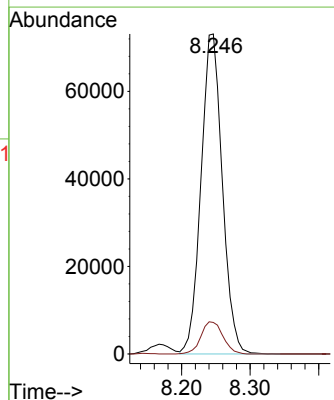
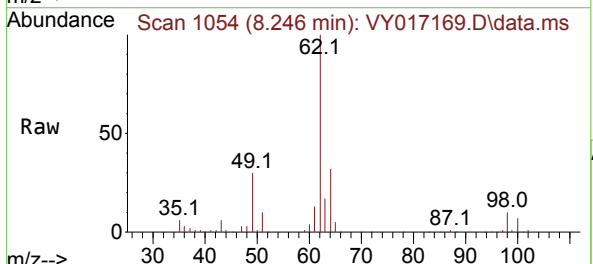
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

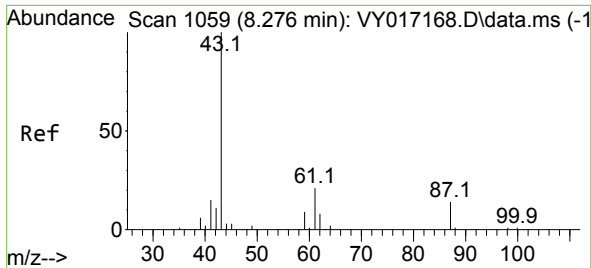
Tgt Ion: 41	Resp: 47553
Ion Ratio	Lower Upper
41 100	
39 61.5	41.9 62.9
67 88.1	59.8 89.6
52 34.6	24.8 37.2



#42
1,2-Dichloroethane
Concen: 103.546 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 62	Resp: 158318
Ion Ratio	Lower Upper
62 100	
98 10.4	0.0 20.2

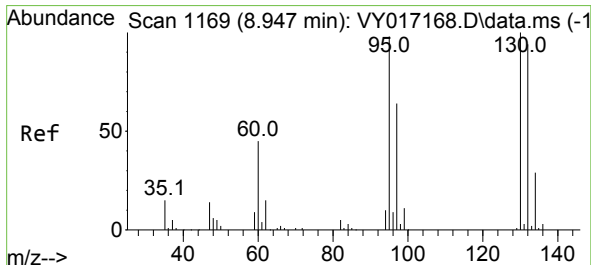
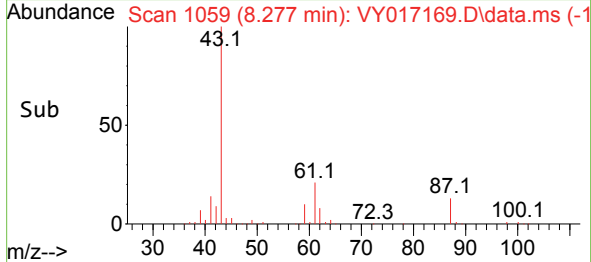
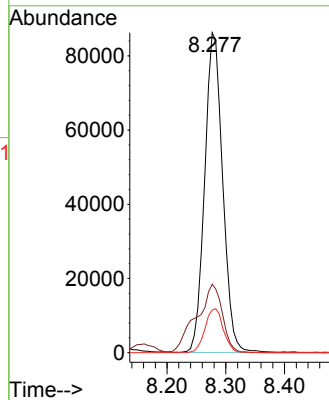
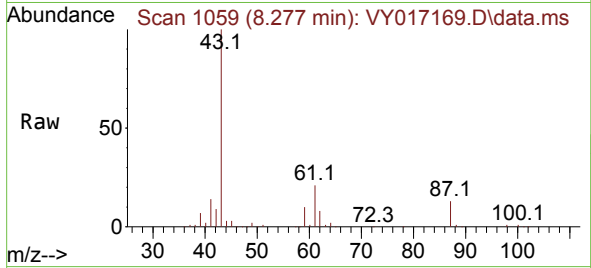




#43
Isopropyl Acetate
Concen: 110.483 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

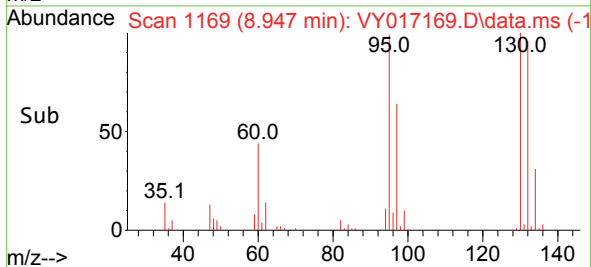
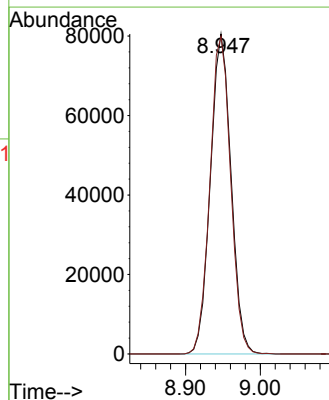
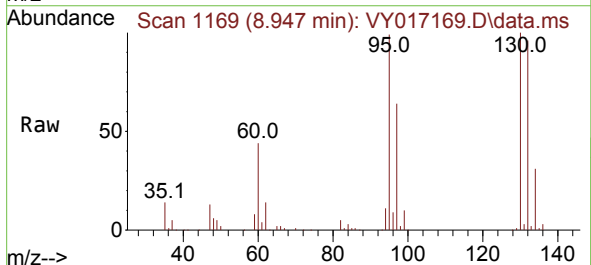
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 183434
Ion Ratio Lower Upper
43 100
61 30.7 24.8 37.2
87 14.0 10.7 16.1



#44
Trichloroethene
Concen: 105.531 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion:130 Resp: 154696
Ion Ratio Lower Upper
130 100
95 99.2 0.0 203.8

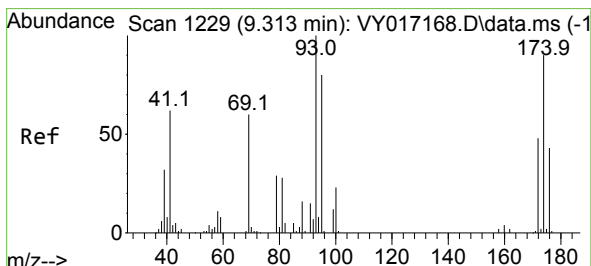
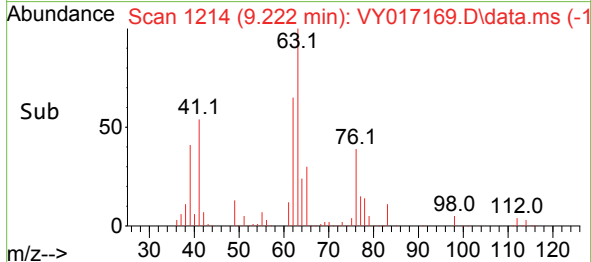
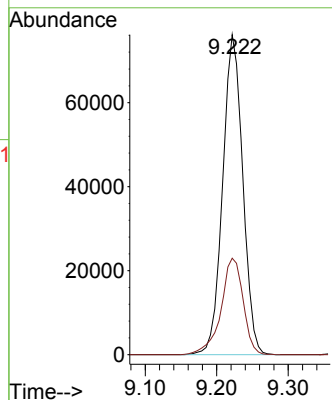
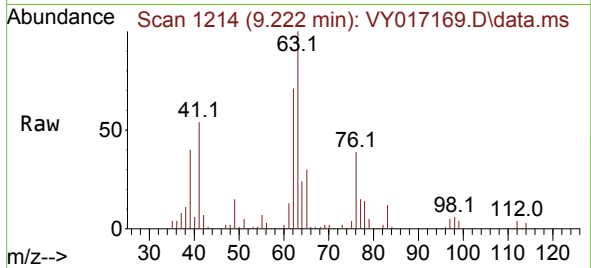




#45
1,2-Dichloropropane
Concen: 104.700 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

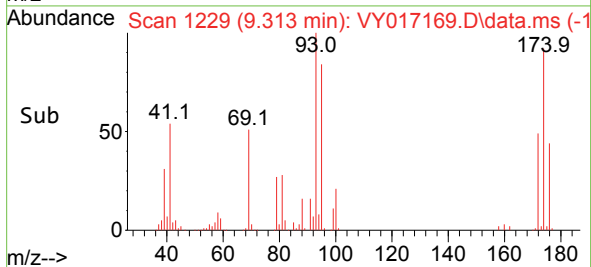
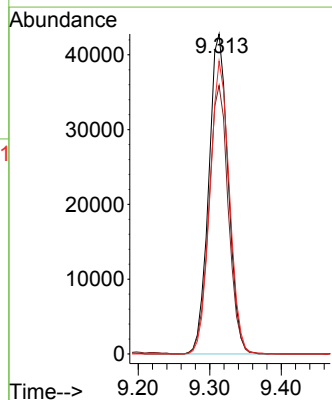
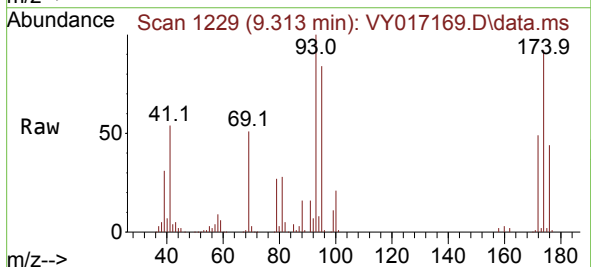
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

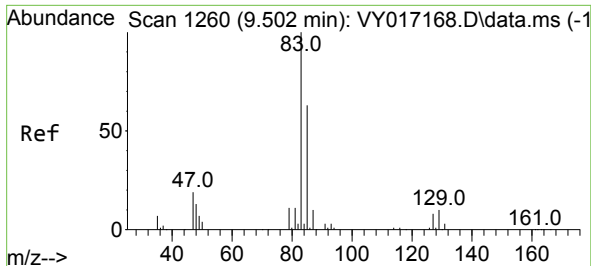
Tgt Ion: 63 Resp: 148511
Ion Ratio Lower Upper
63 100
65 30.2 24.6 36.8



#46
Dibromomethane
Concen: 105.646 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 93 Resp: 80947
Ion Ratio Lower Upper
93 100
95 83.9 66.6 99.8
174 91.2 73.8 110.6

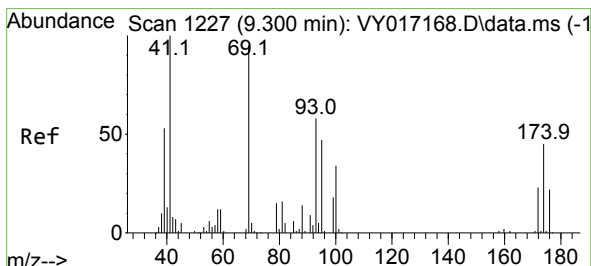
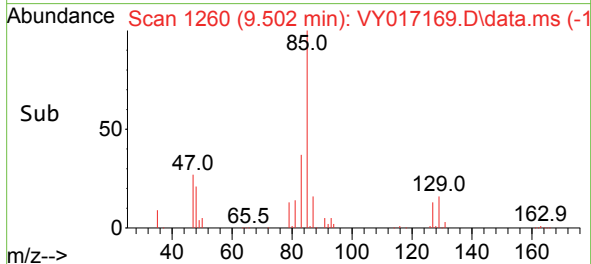
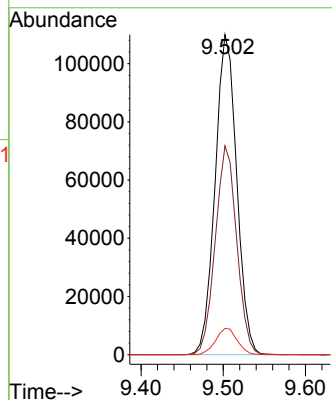
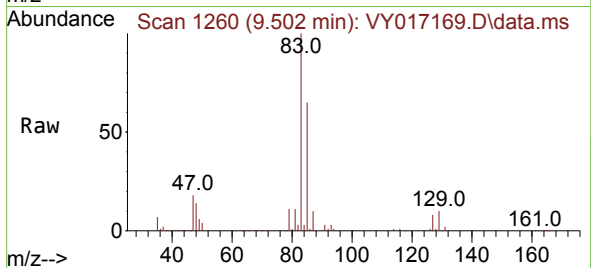




#47
Bromodichloromethane
Concen: 104.771 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

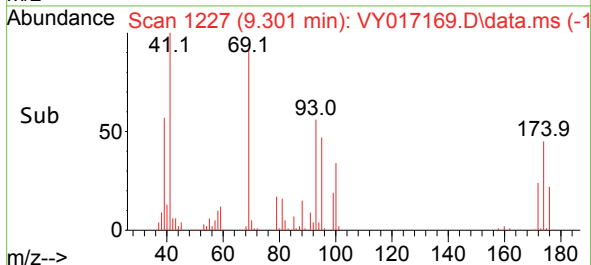
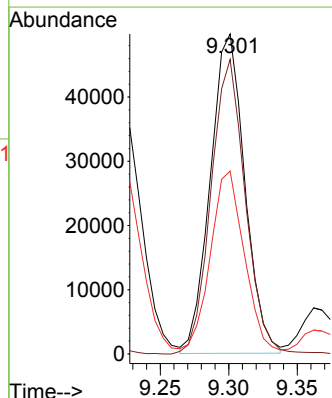
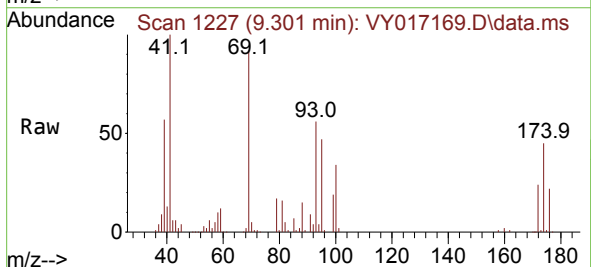
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

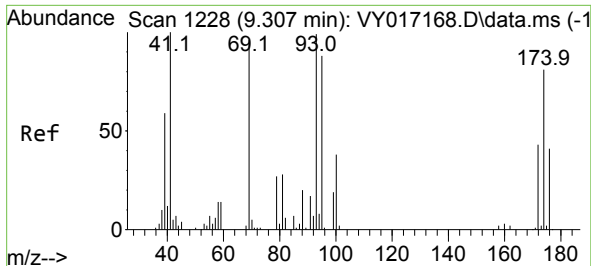
Tgt Ion: 83 Resp: 200901
Ion Ratio Lower Upper
83 100
85 65.3 53.2 79.8
127 8.2 6.4 9.6



#48
Methyl methacrylate
Concen: 111.908 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 41 Resp: 87150
Ion Ratio Lower Upper
41 100
69 91.6 72.1 108.1
39 54.1 42.8 64.2

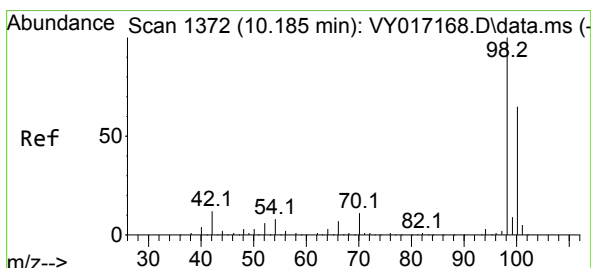
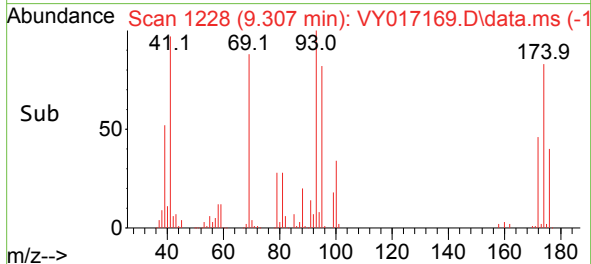
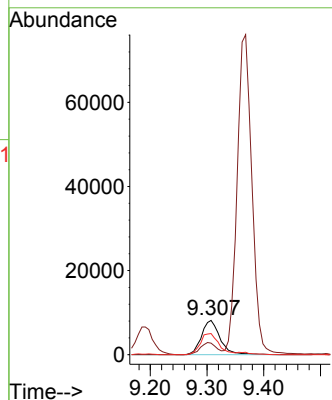
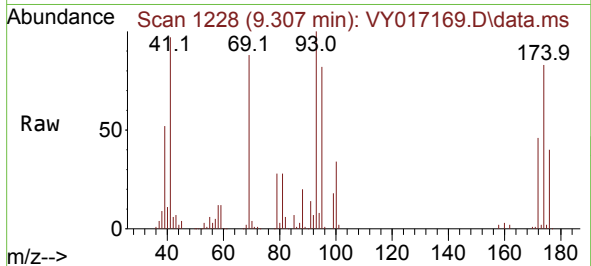




#49
1,4-Dioxane
Concen: 2232.200 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

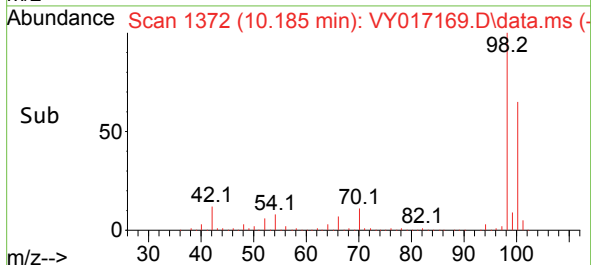
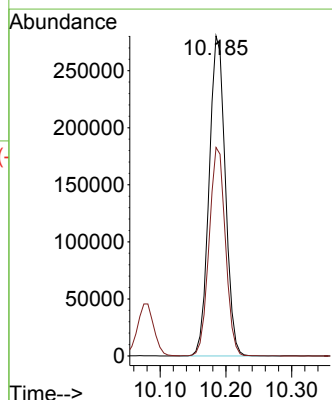
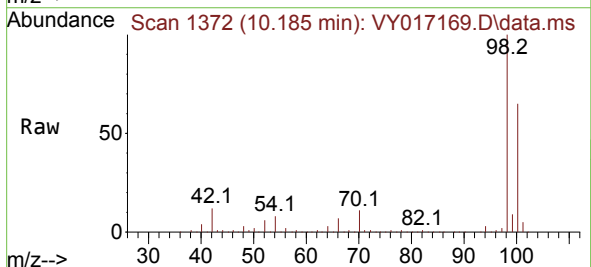
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

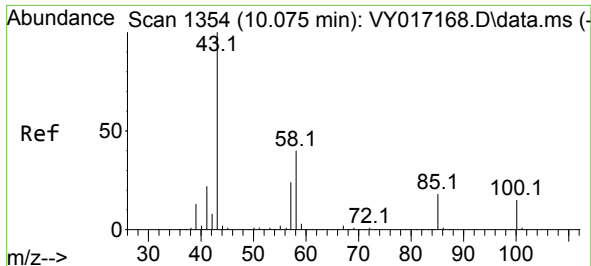
Tgt Ion: 88 Resp: 18616
Ion Ratio Lower Upper
88 100
43 30.6 28.2 42.4
58 61.3 52.2 78.2



#50
Toluene-d8
Concen: 112.289 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 98 Resp: 479286
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 557.251 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

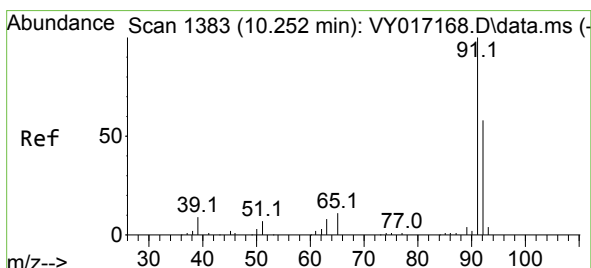
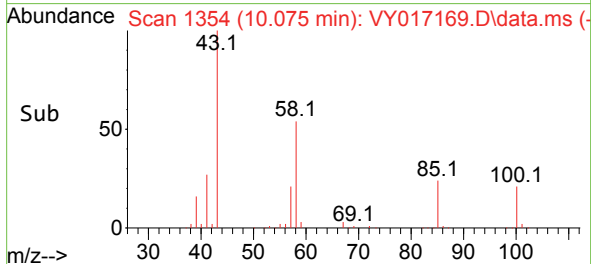
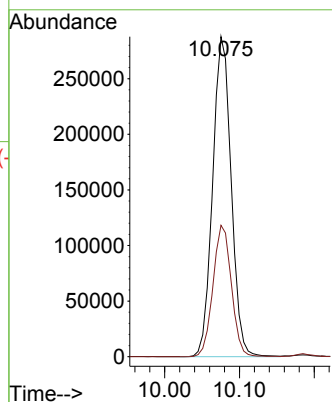
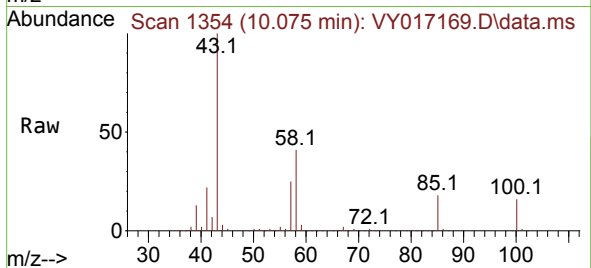
VSTDICC100

Tgt Ion: 43 Resp: 495950

Ion Ratio Lower Upper

43 100

58 40.8 32.2 48.2



#52

Toluene

Concen: 107.649 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY017169.D

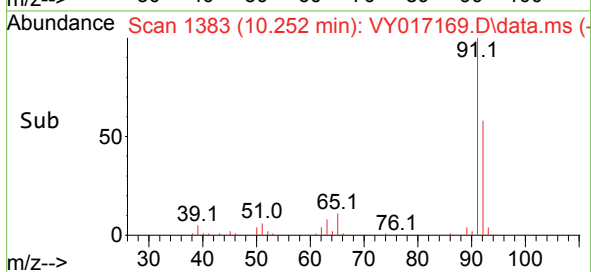
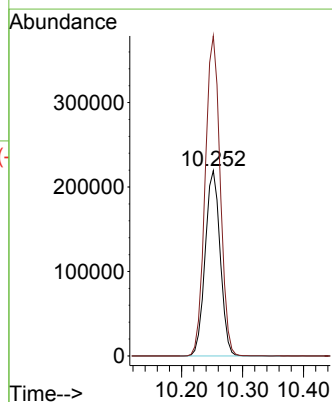
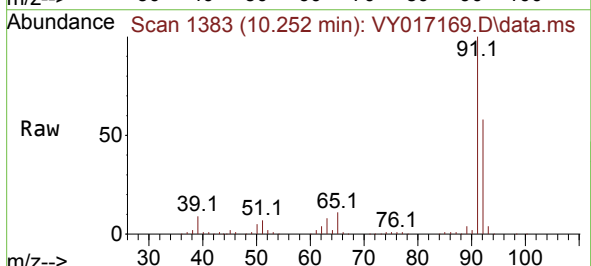
Acq: 01 Feb 2024 15:09

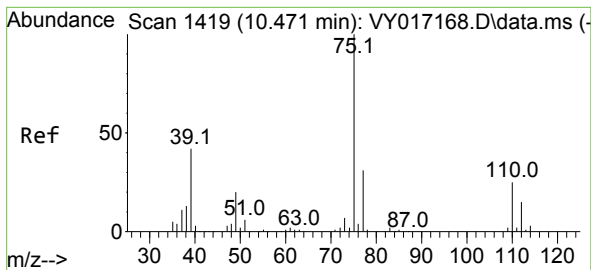
Tgt Ion: 92 Resp: 375228

Ion Ratio Lower Upper

92 100

91 172.7 137.6 206.4

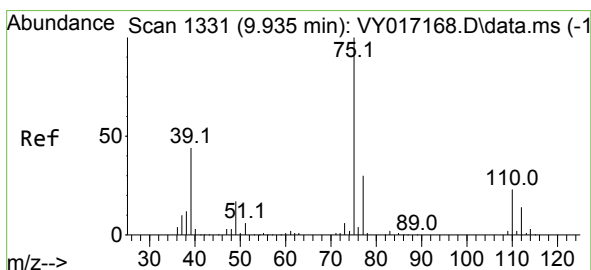
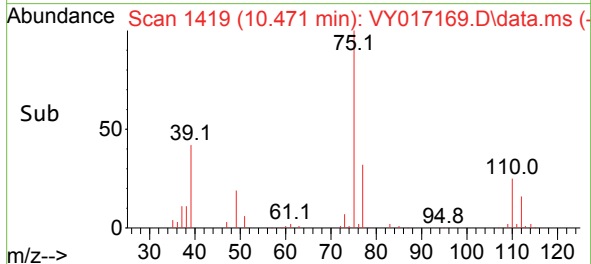
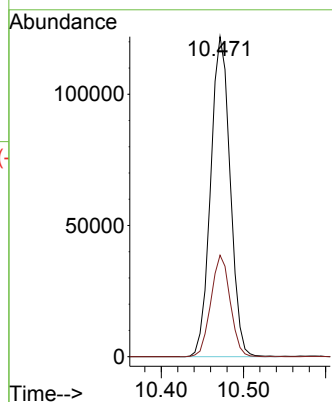
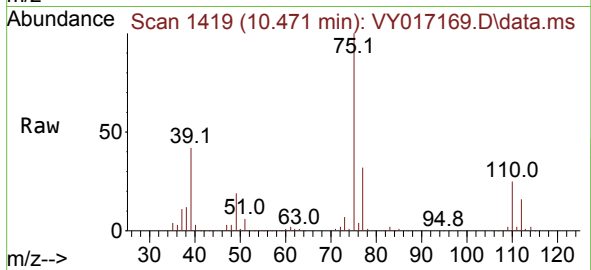




#53
 t-1,3-Dichloropropene
 Concen: 111.758 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017169.D
 Acq: 01 Feb 2024 15:09

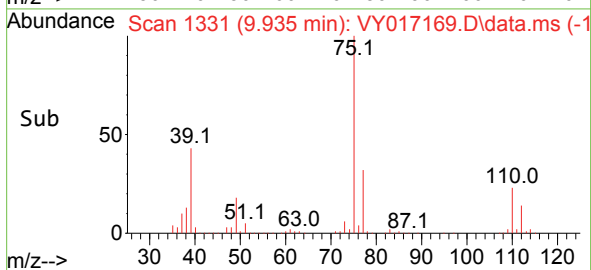
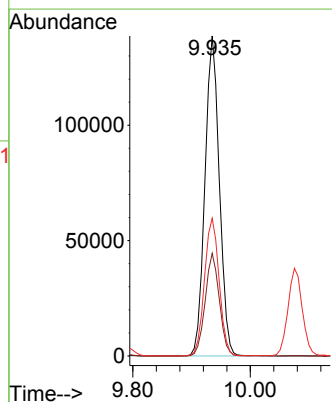
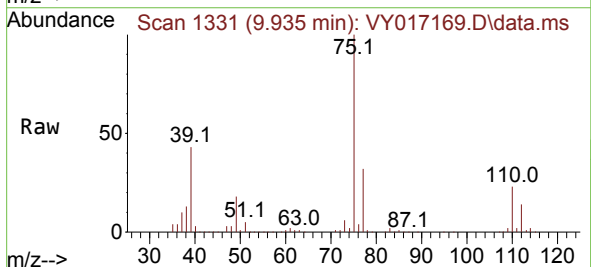
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

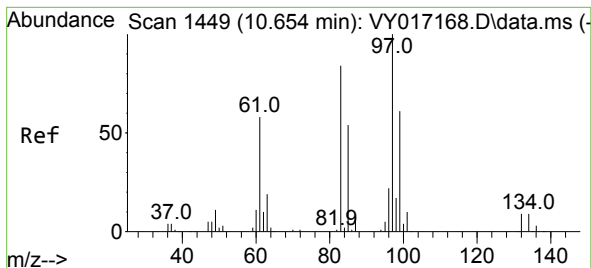
Tgt Ion: 75 Resp: 201292
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 109.599 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017169.D
 Acq: 01 Feb 2024 15:09

Tgt Ion: 75 Resp: 236446
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8
 39 42.9 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 106.143 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 110651

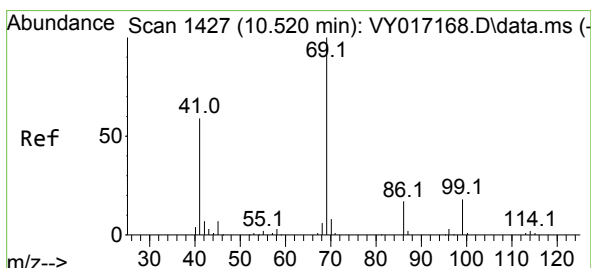
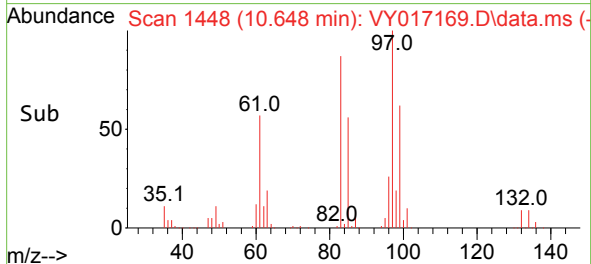
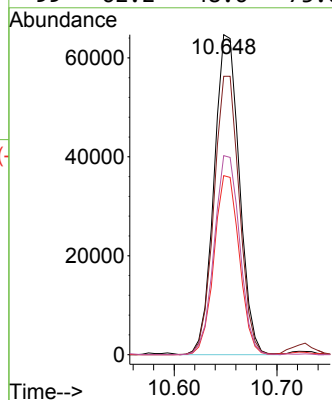
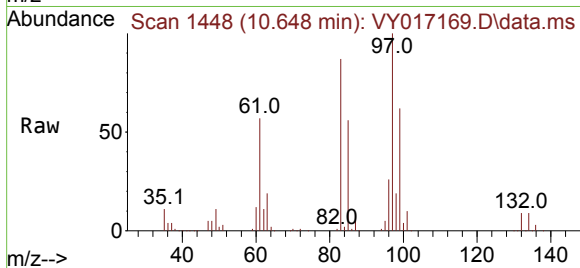
Ion Ratio Lower Upper

97 100

83 86.9 69.4 104.2

85 55.9 43.9 65.9

99 62.2 48.6 73.0



#56

Ethyl methacrylate

Concen: 104.127 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

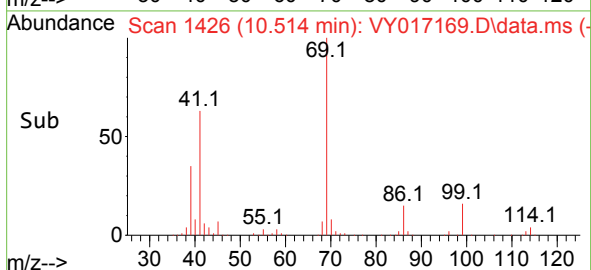
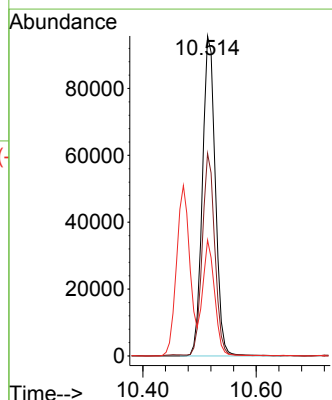
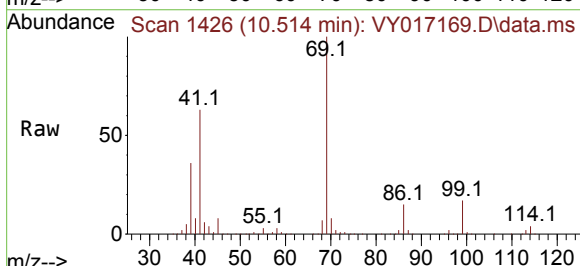
Tgt Ion: 69 Resp: 150901

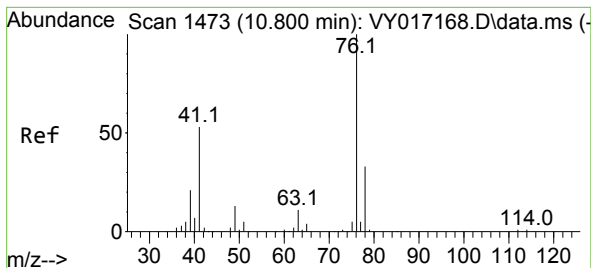
Ion Ratio Lower Upper

69 100

41 61.3 49.2 73.8

39 33.0 26.8 40.2





#57

1,3-Dichloropropane

Concen: 106.428 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

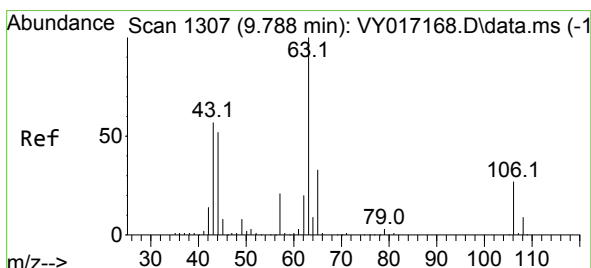
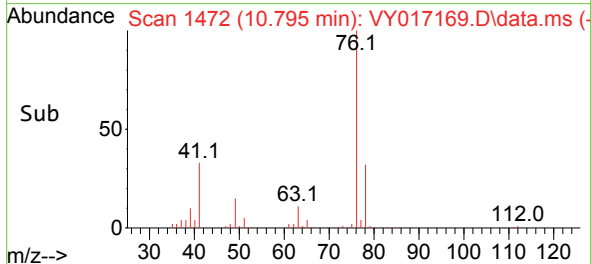
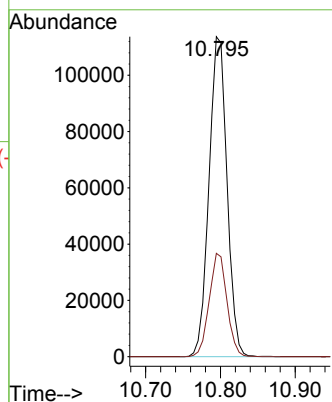
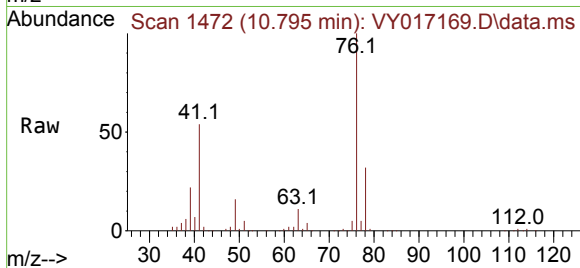
VSTDICC100

Tgt Ion: 76 Resp: 190828

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 581.069 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017169.D

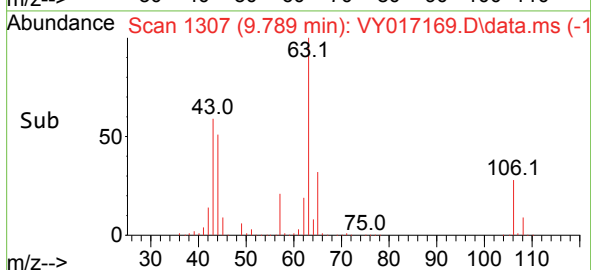
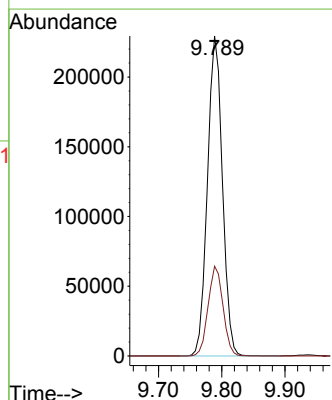
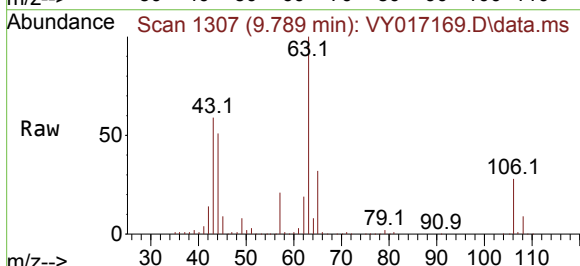
Acq: 01 Feb 2024 15:09

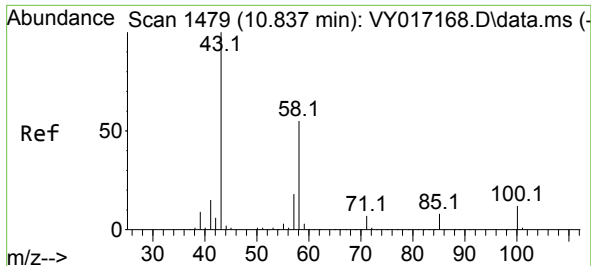
Tgt Ion: 63 Resp: 377371

Ion Ratio Lower Upper

63 100

106 27.9 22.4 33.6

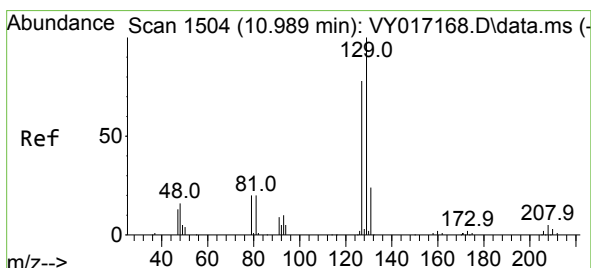
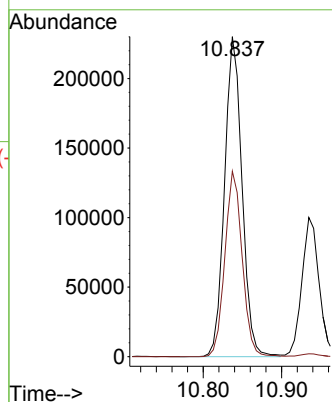
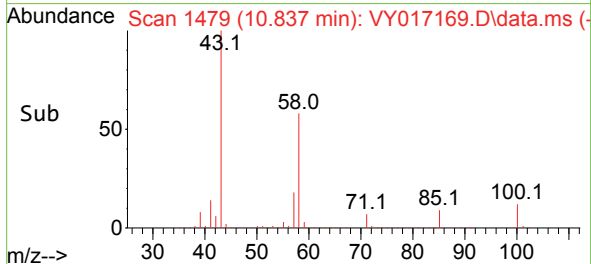
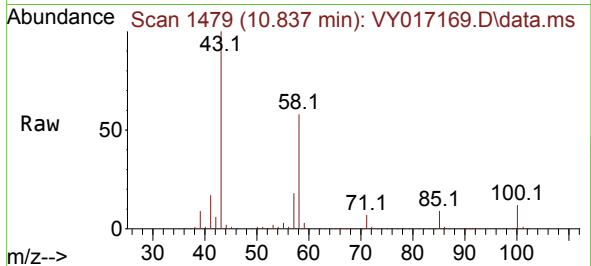




#59
2-Hexanone
Concen: 554.897 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

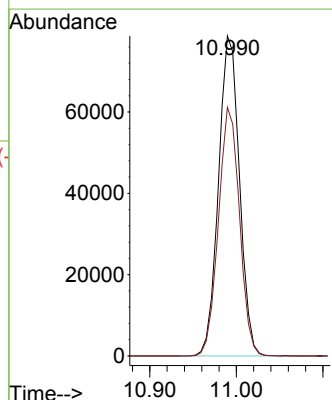
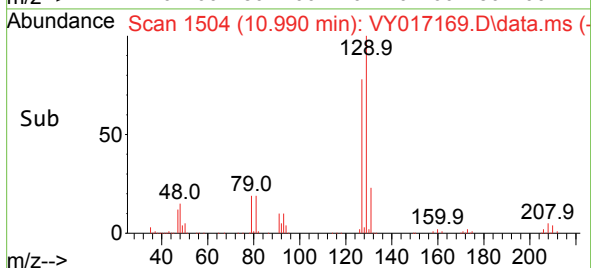
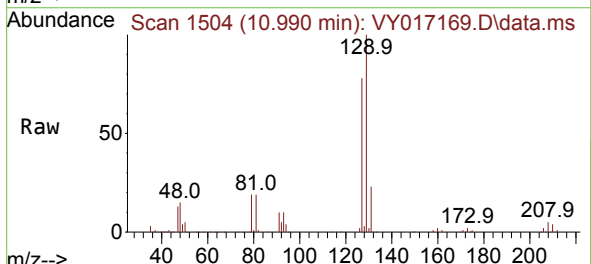
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

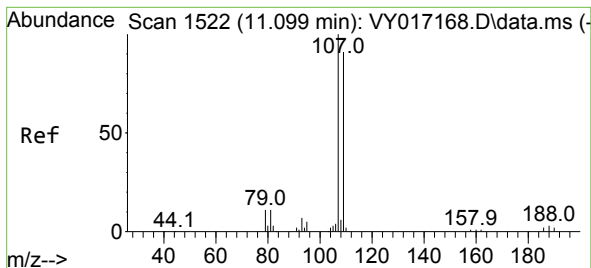
Tgt Ion: 43 Resp: 357109
Ion Ratio Lower Upper
43 100
58 57.4 28.1 84.3



#60
Dibromochloromethane
Concen: 107.994 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 129 Resp: 132073
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

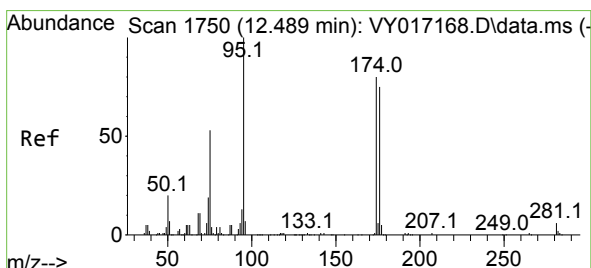
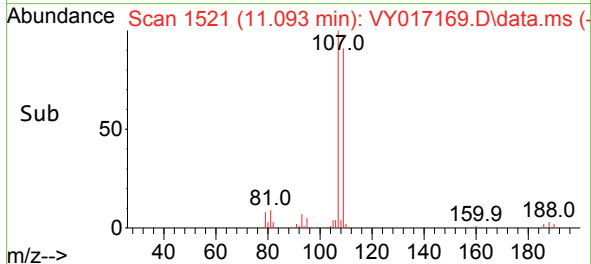
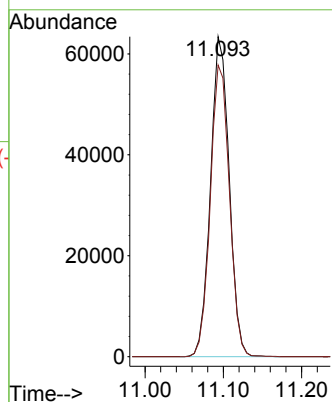
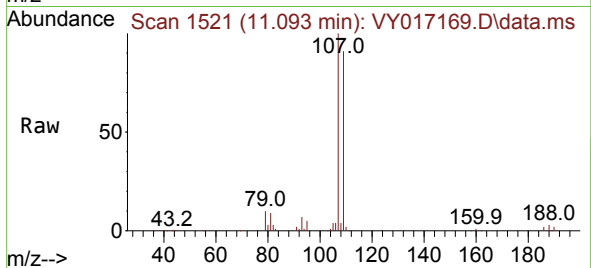




#61
1,2-Dibromoethane
Concen: 108.220 ug/l
RT: 11.093 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

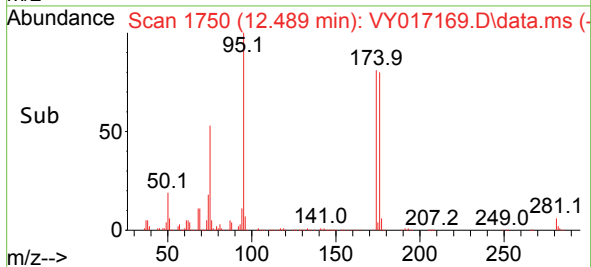
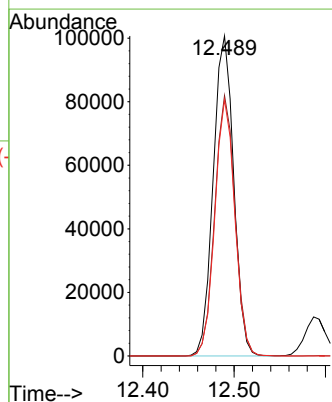
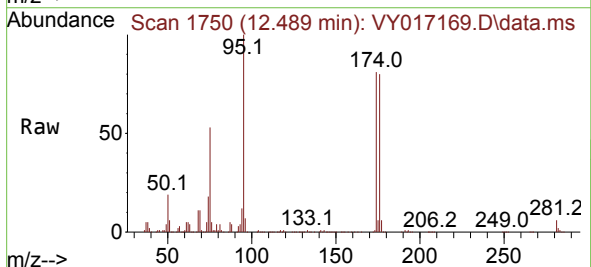
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

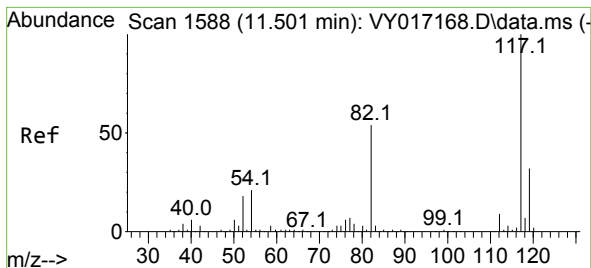
Tgt Ion:107 Resp: 104923
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 111.967 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 95 Resp: 156555
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.0
176 78.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. -0.006 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

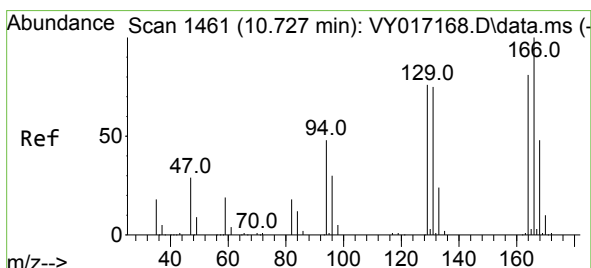
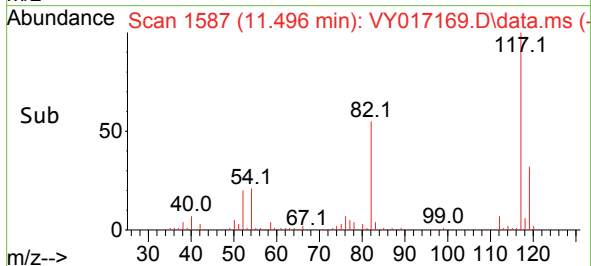
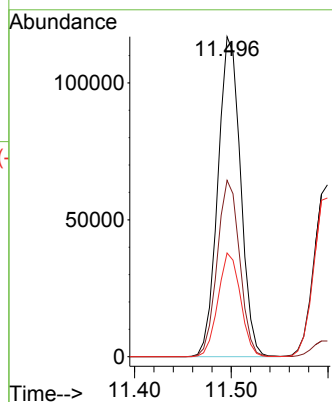
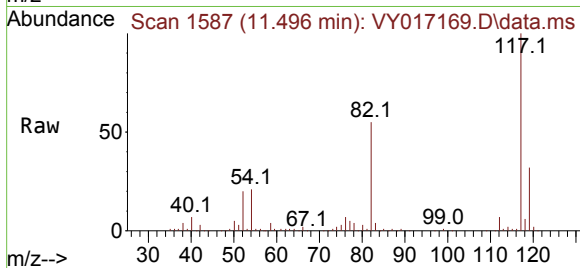
Tgt Ion:117 Resp: 190065

Ion Ratio Lower Upper

117 100

82 55.1 43.8 65.8

119 32.4 26.5 39.7



#64

Tetrachloroethene

Concen: 102.945 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Tgt Ion:164 Resp: 127073

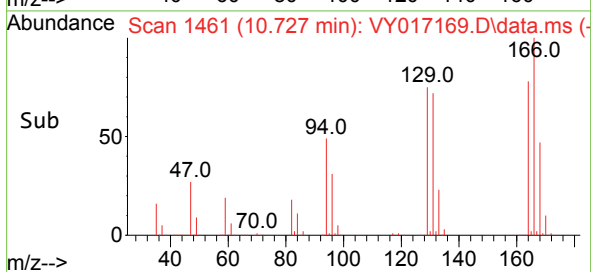
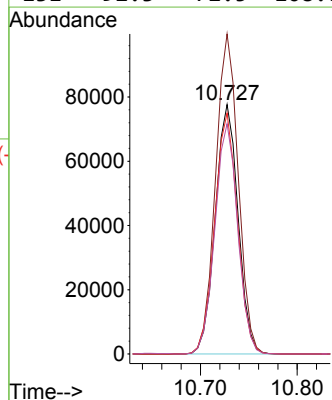
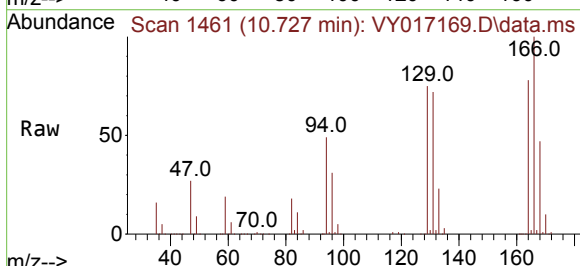
Ion Ratio Lower Upper

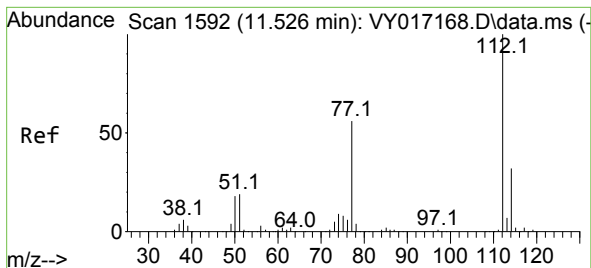
164 100

166 128.3 98.8 148.2

129 96.5 78.9 118.3

131 92.3 72.5 108.7

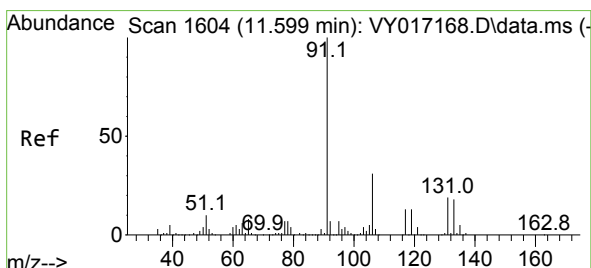
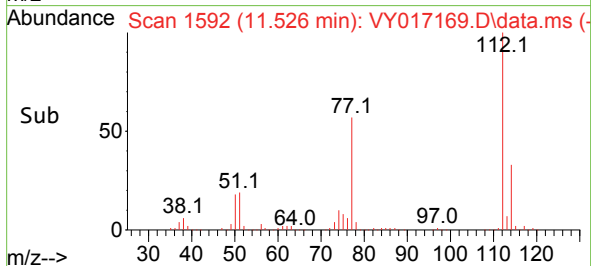
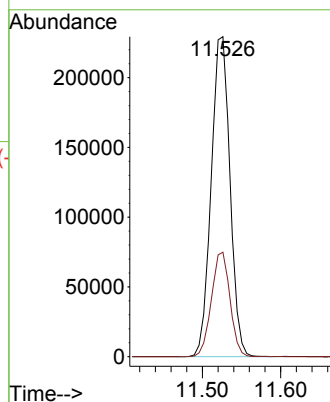
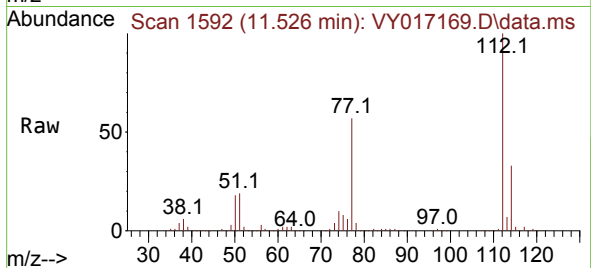




#65
Chlorobenzene
Concen: 104.197 ug/l
RT: 11.526 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

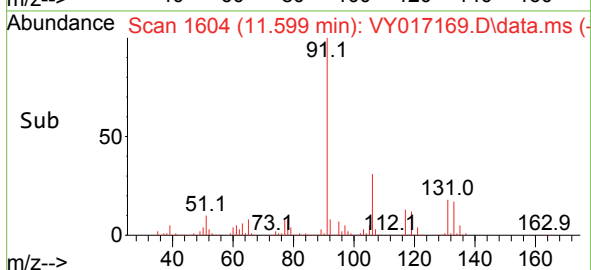
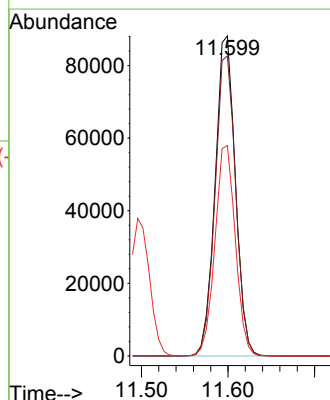
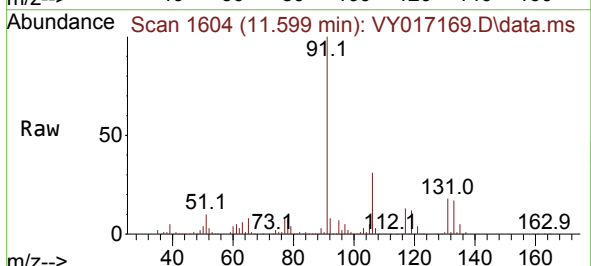
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

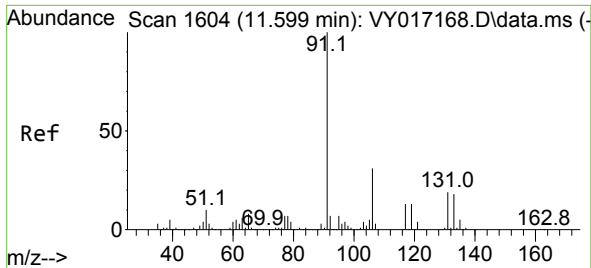
Tgt Ion:112 Resp: 382038
Ion Ratio Lower Upper
112 100
114 32.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 107.400 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion:131 Resp: 143105
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.0
119 66.3 33.3 99.9

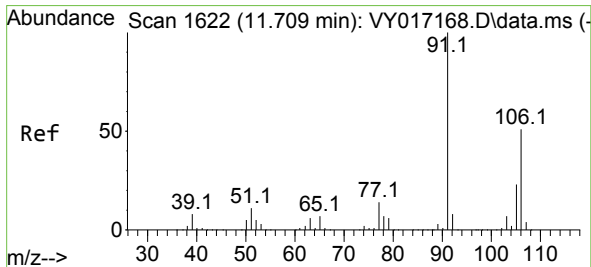
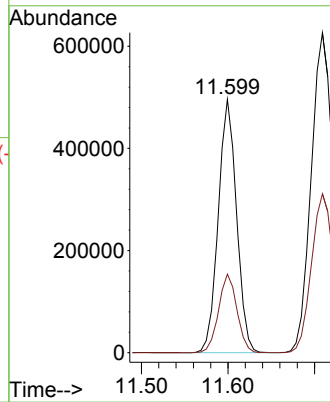
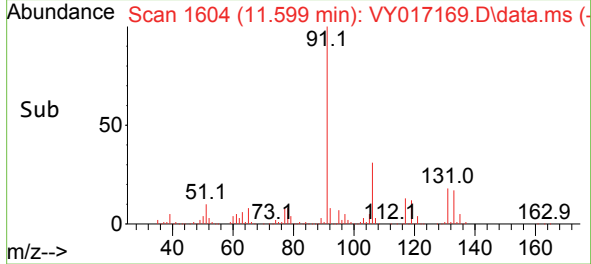
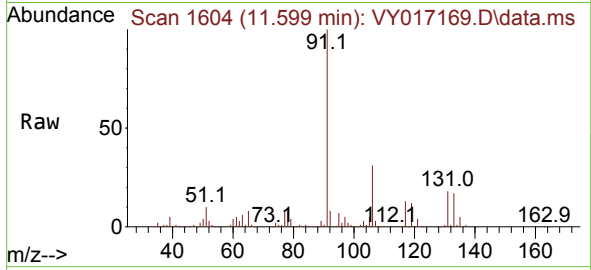




#67
Ethyl Benzene
Concen: 109.880 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

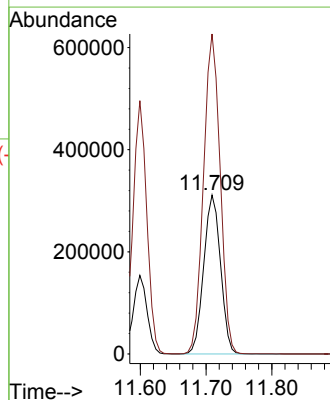
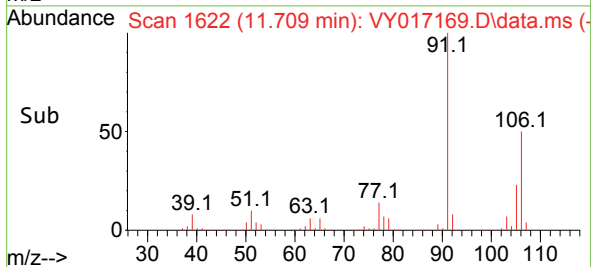
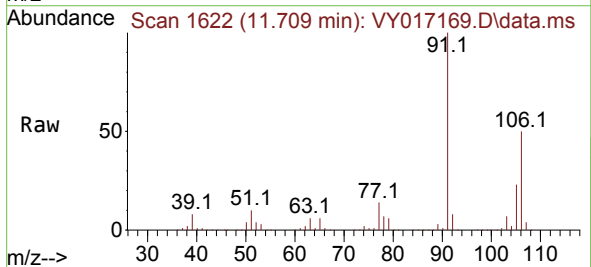
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

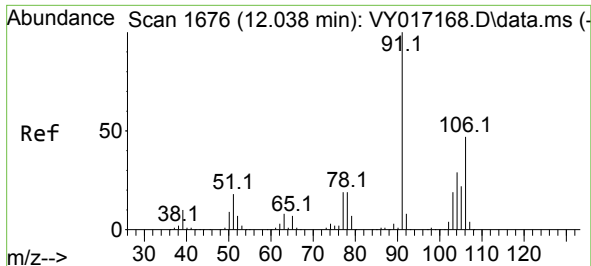
Tgt Ion: 91 Resp: 728118
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 219.665 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion:106 Resp: 552392
Ion Ratio Lower Upper
106 100
91 200.2 160.7 241.1

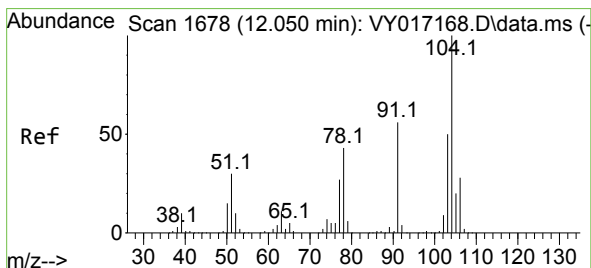
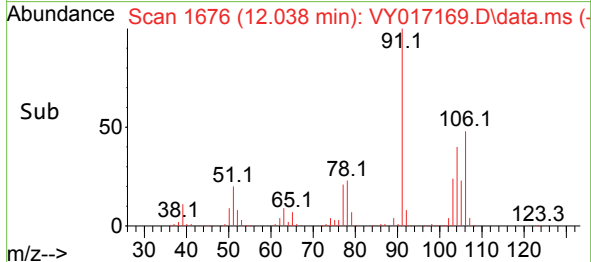
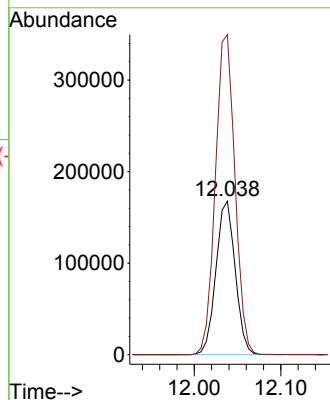
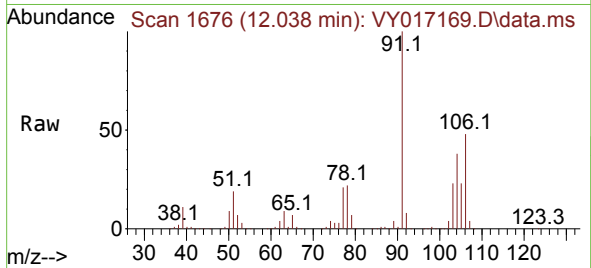




#69
o-Xylene
Concen: 111.936 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

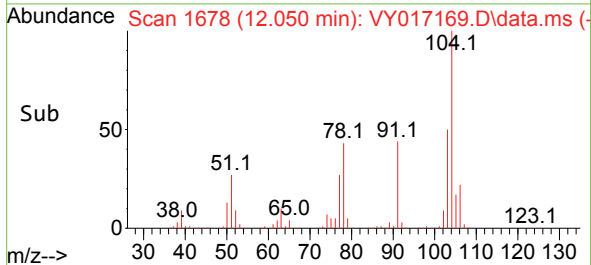
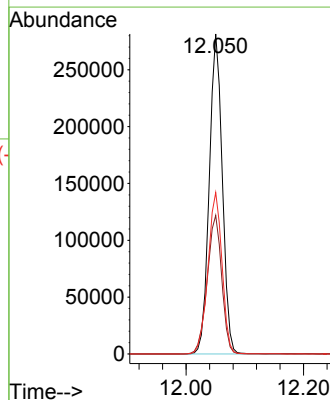
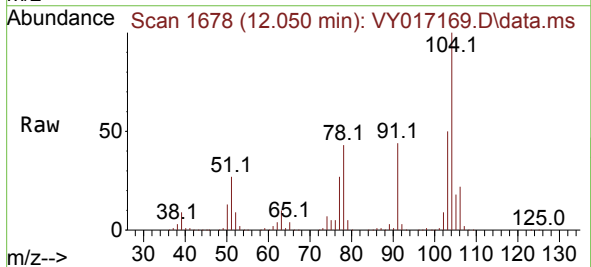
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

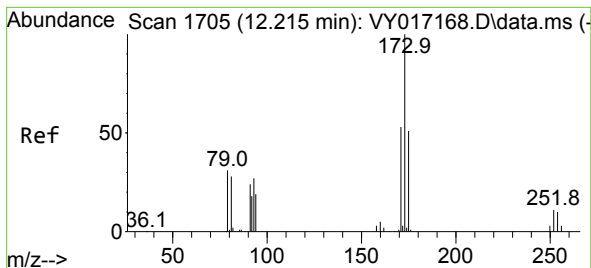
Tgt Ion:106 Resp: 259219
Ion Ratio Lower Upper
106 100
91 211.9 106.5 319.5



#70
Styrene
Concen: 113.737 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion:104 Resp: 433971
Ion Ratio Lower Upper
104 100
78 48.0 39.2 58.8
103 54.5 43.8 65.6





#71

Bromoform

Concen: 110.741 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

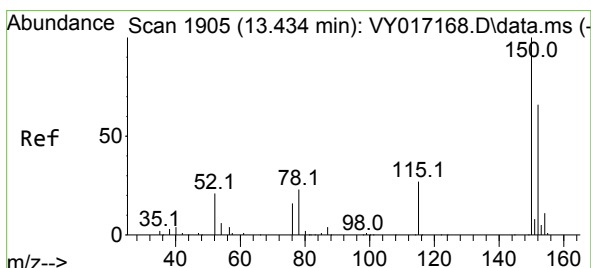
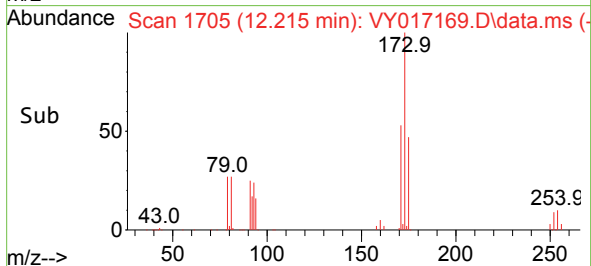
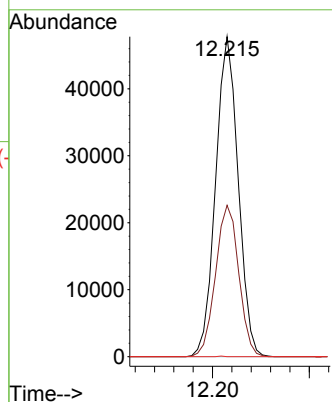
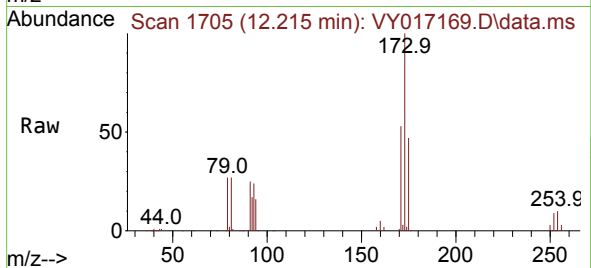
Tgt Ion:173 Resp: 77276

Ion Ratio Lower Upper

173 100

175 48.6 23.5 70.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

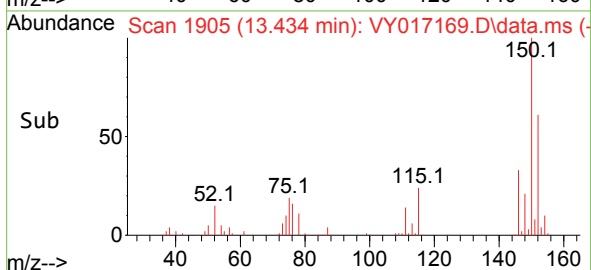
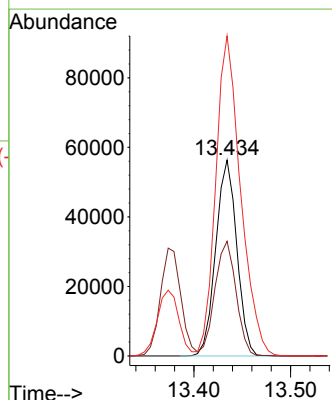
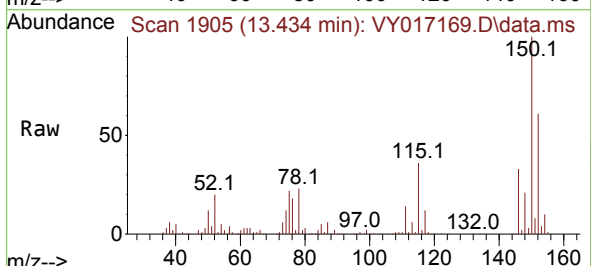
Tgt Ion:152 Resp: 85171

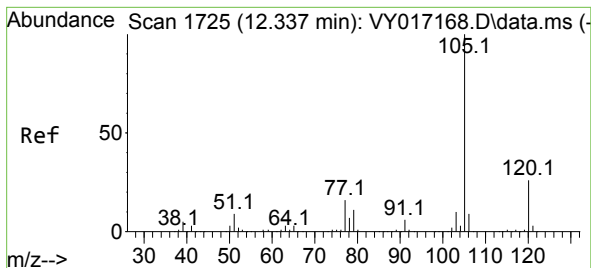
Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 193.1 0.0 344.6





#73

Isopropylbenzene

Concen: 108.607 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

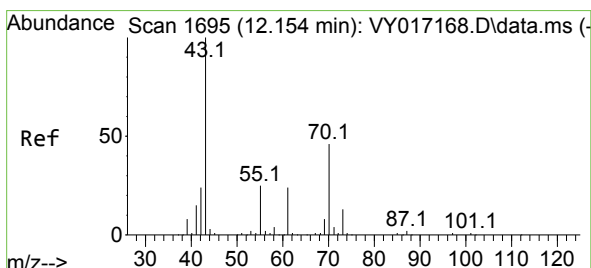
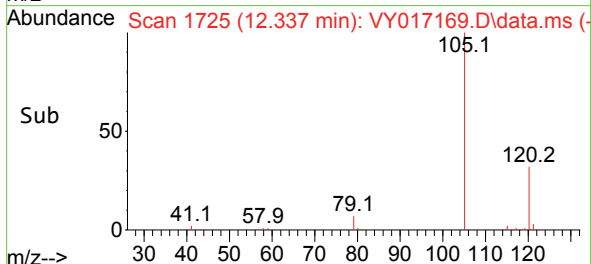
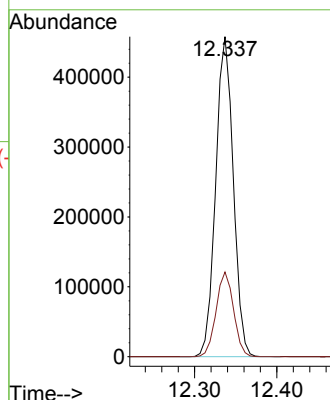
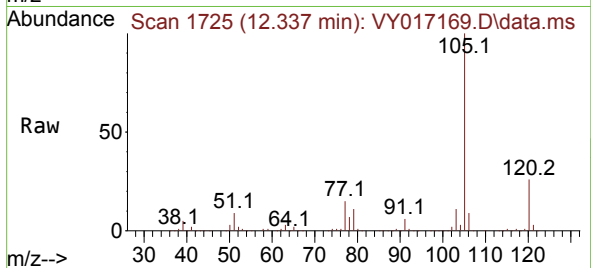
VSTDICC100

Tgt Ion:105 Resp: 679551

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 114.075 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Tgt Ion: 43 Resp: 160378

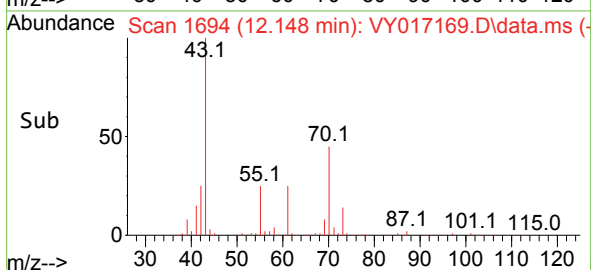
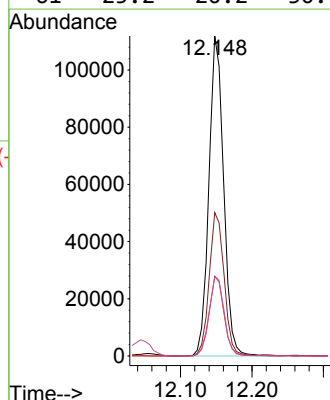
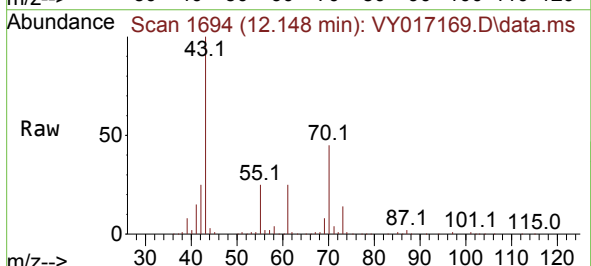
Ion Ratio Lower Upper

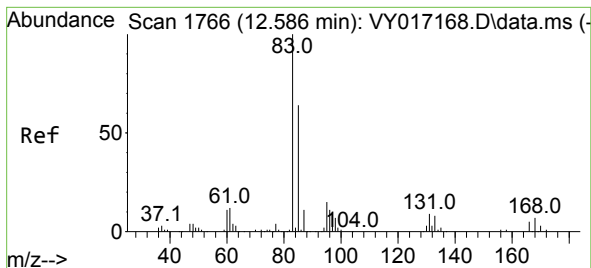
43 100

70 45.6 36.6 55.0

55 25.5 22.2 33.4

61 25.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 103.967 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

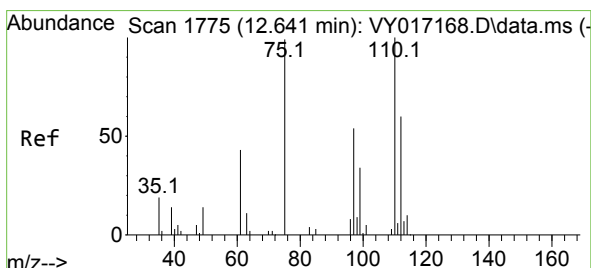
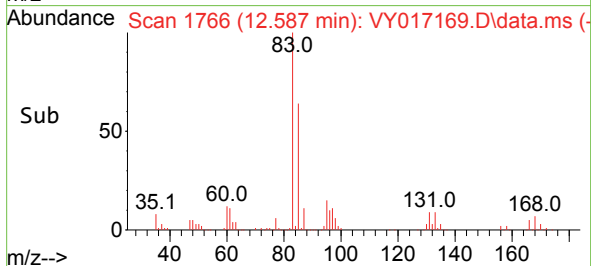
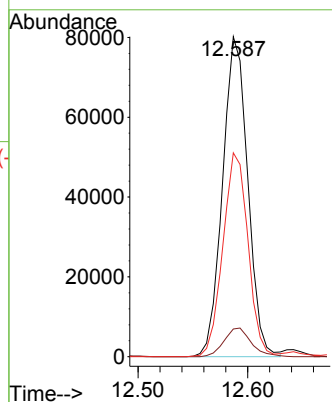
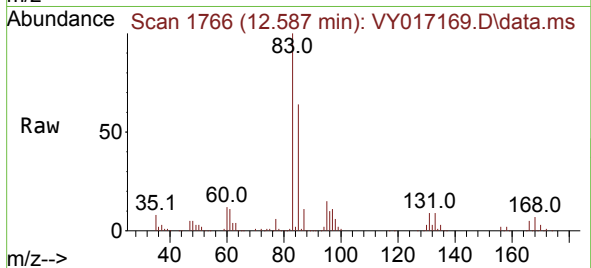
Tgt Ion: 83 Resp: 127947

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

85 63.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 189.205 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017169.D

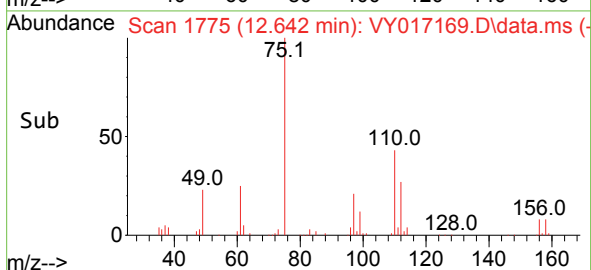
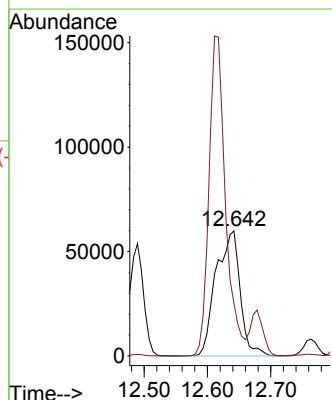
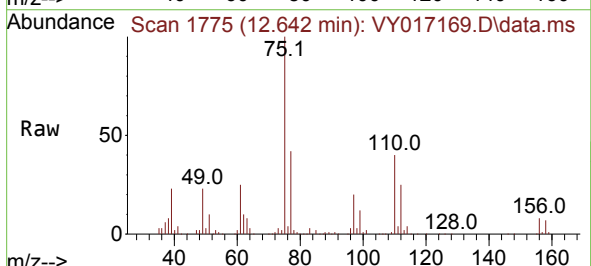
Acq: 01 Feb 2024 15:09

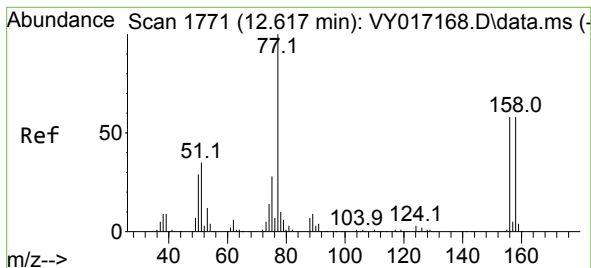
Tgt Ion: 75 Resp: 158710

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 105.825 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

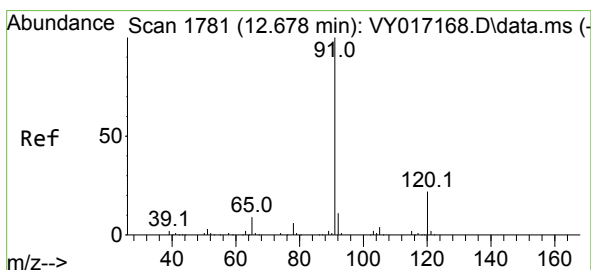
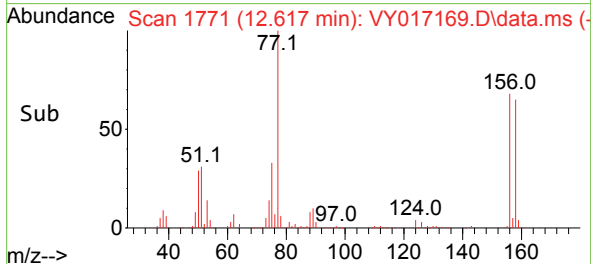
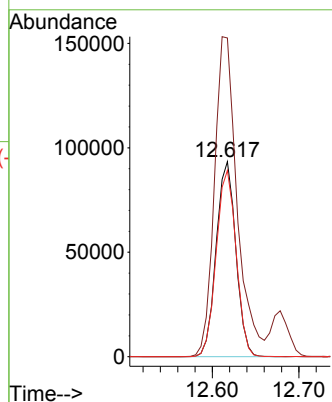
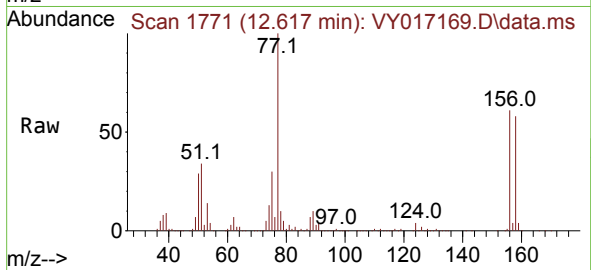
Tgt Ion:156 Resp: 146872

Ion Ratio Lower Upper

156 100

77 190.2 97.3 291.8

158 96.9 48.4 145.0



#78

n-propylbenzene

Concen: 107.769 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017169.D

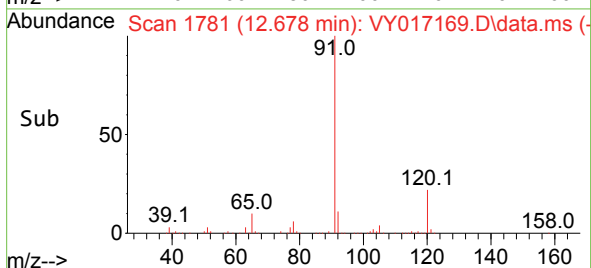
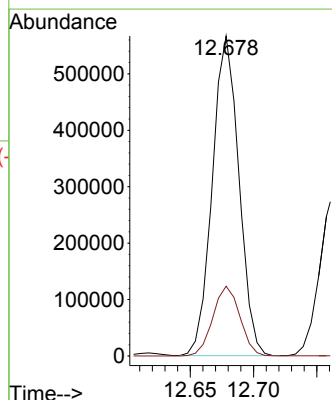
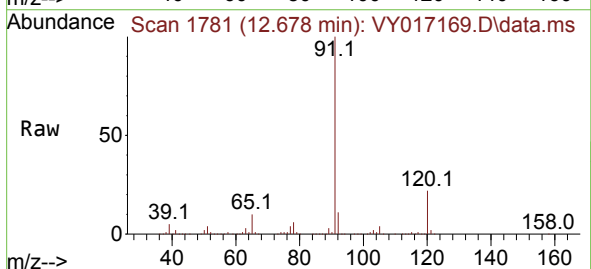
Acq: 01 Feb 2024 15:09

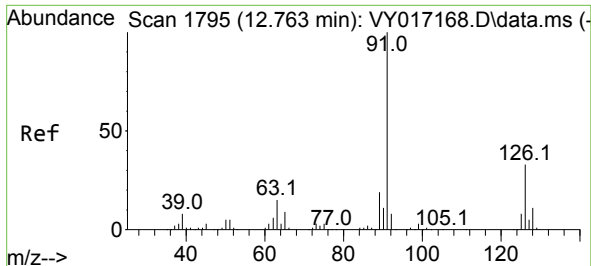
Tgt Ion: 91 Resp: 828174

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

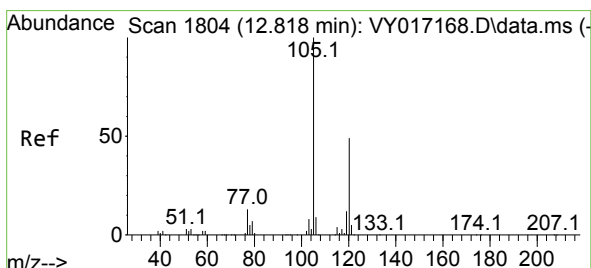
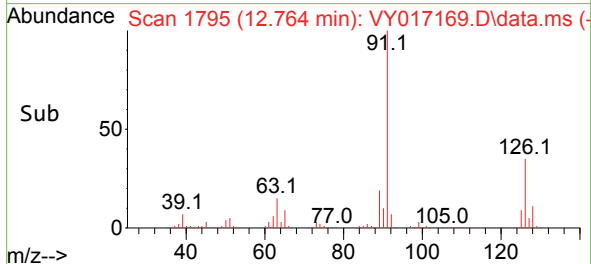
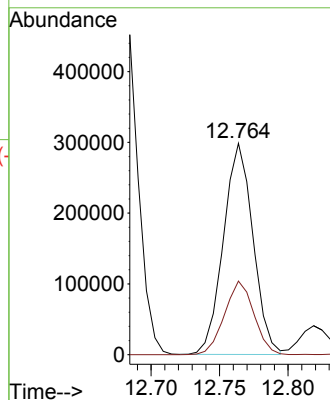
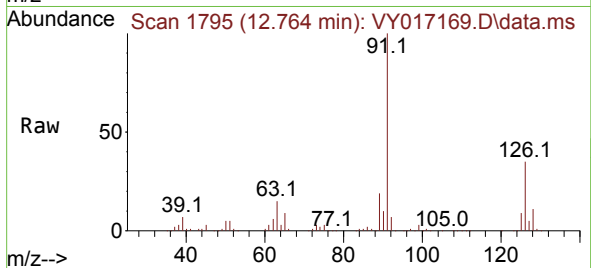




#79
2-Chlorotoluene
Concen: 106.159 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

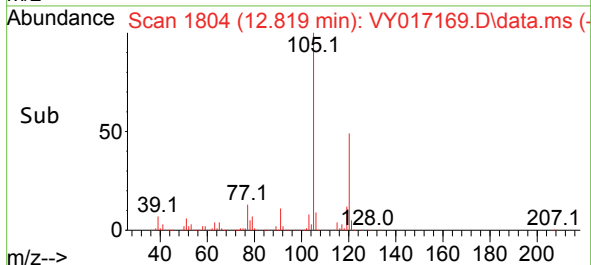
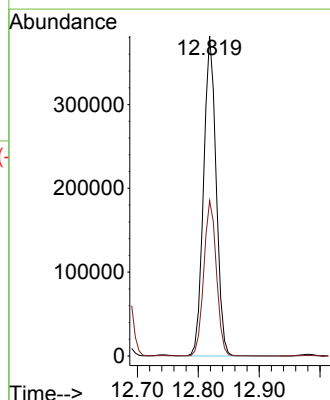
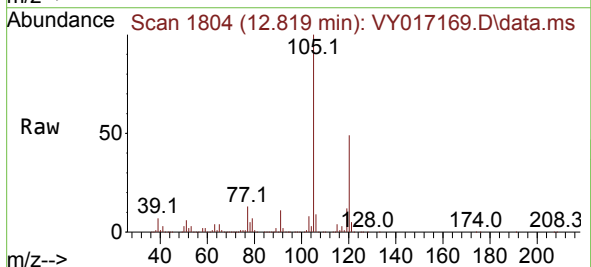
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

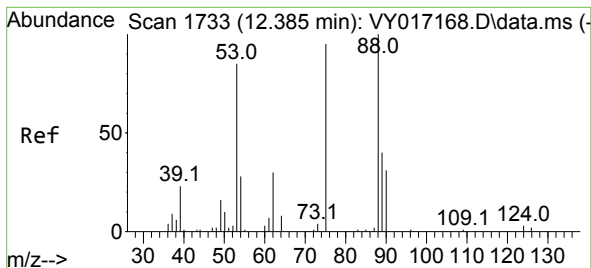
Tgt Ion: 91 Resp: 448504
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 109.932 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 105 Resp: 547047
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

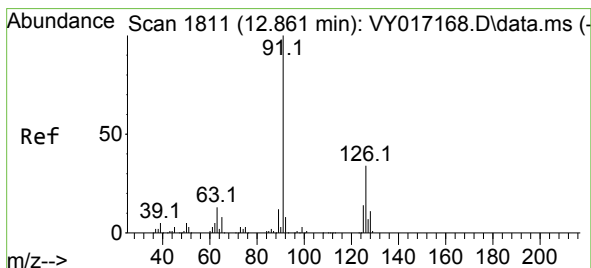
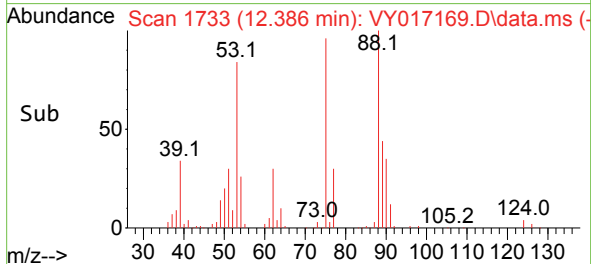
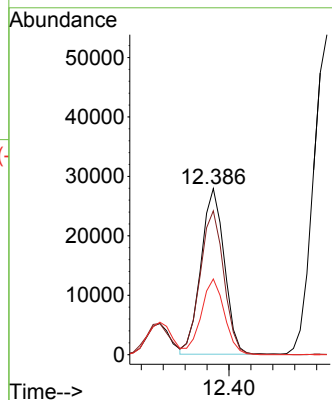
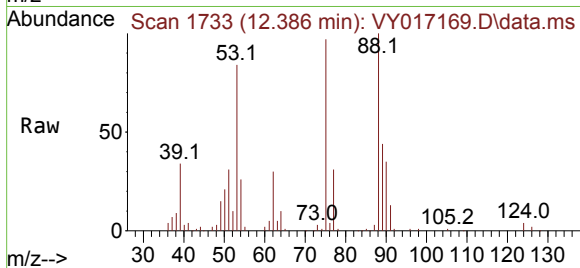




#81
trans-1,4-Dichloro-2-butene
Concen: 109.138 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

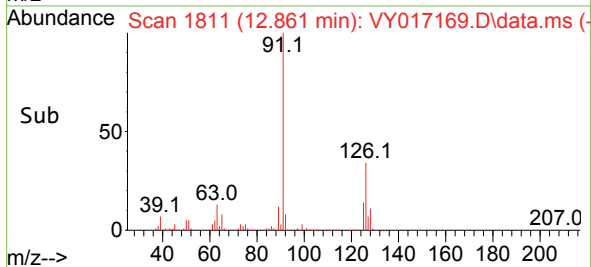
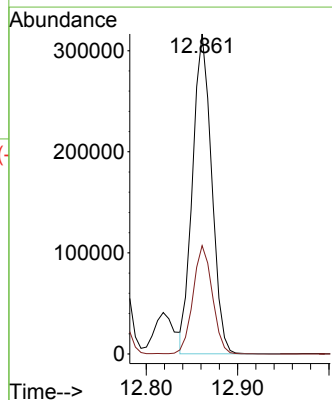
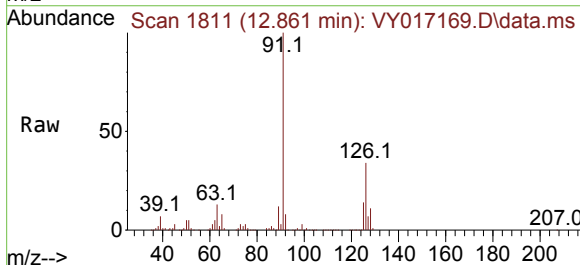
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

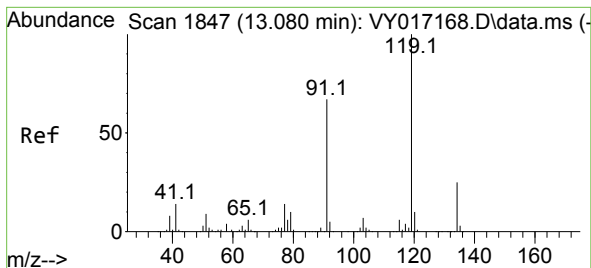
Tgt Ion: 75 Resp: 41290
Ion Ratio Lower Upper
75 100
53 88.9 74.0 111.0
89 44.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 105.539 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 91 Resp: 458903
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 110.392 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

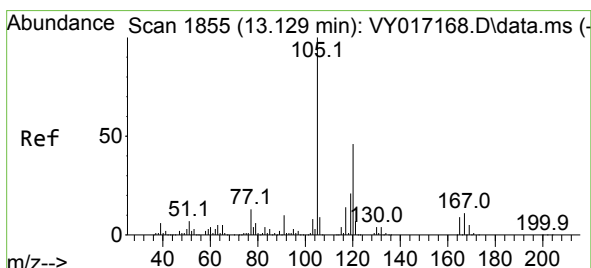
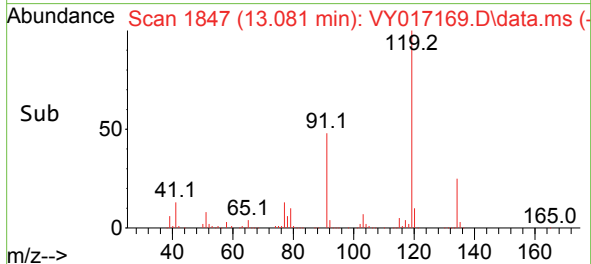
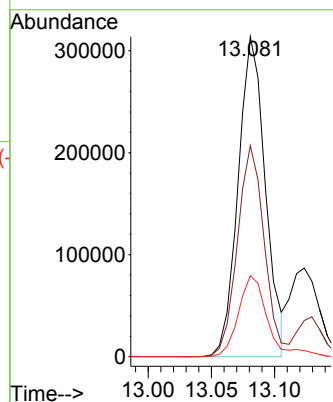
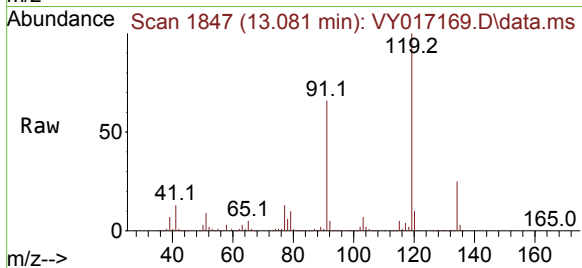
Tgt Ion:119 Resp: 470885

Ion Ratio Lower Upper

119 100

91 65.2 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 110.356 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017169.D

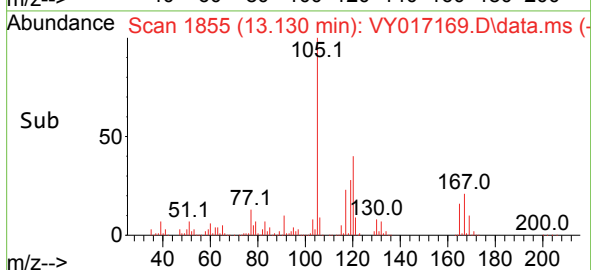
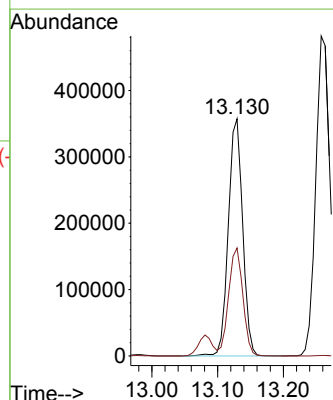
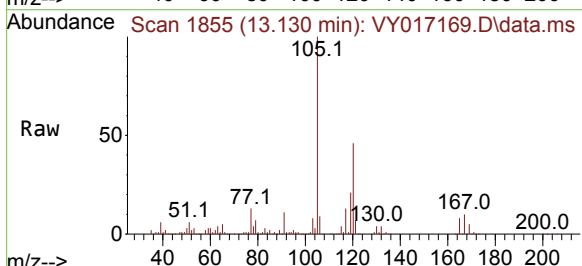
Acq: 01 Feb 2024 15:09

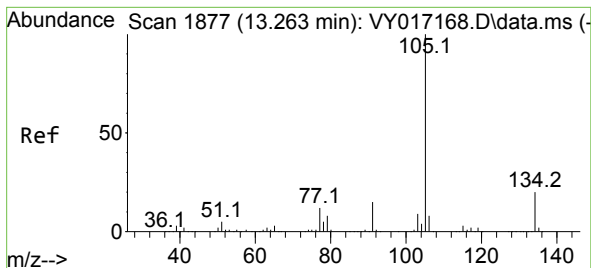
Tgt Ion:105 Resp: 542051

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 108.093 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

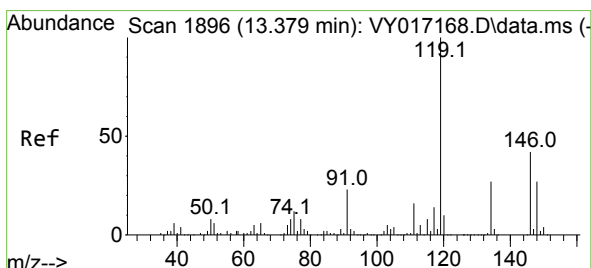
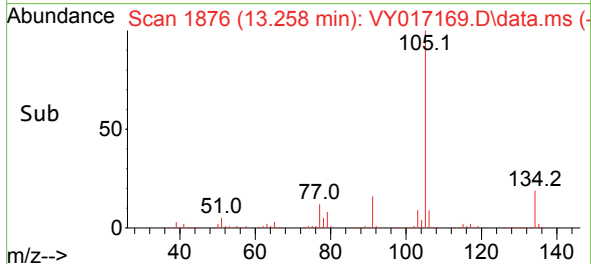
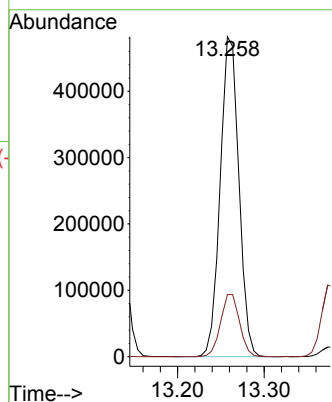
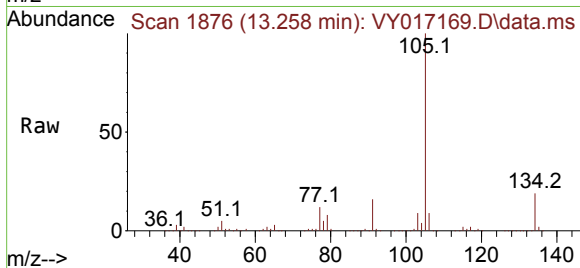
VSTDICC100

Tgt Ion:105 Resp: 720636

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 110.527 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

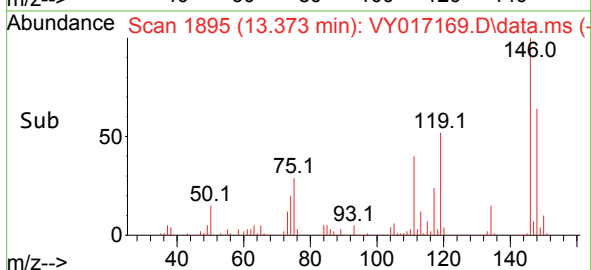
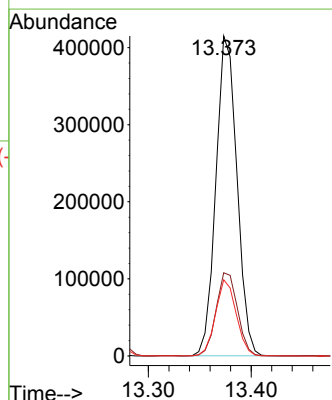
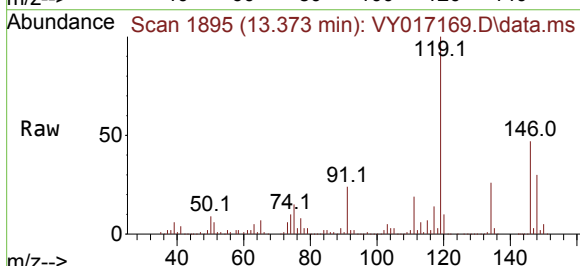
Tgt Ion:119 Resp: 588831

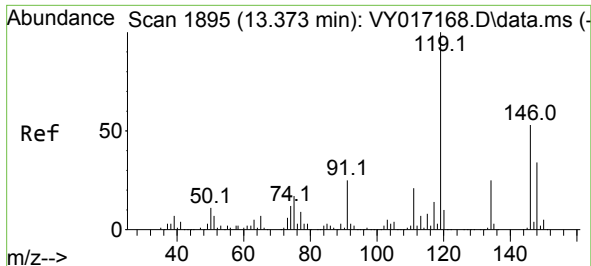
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 105.611 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

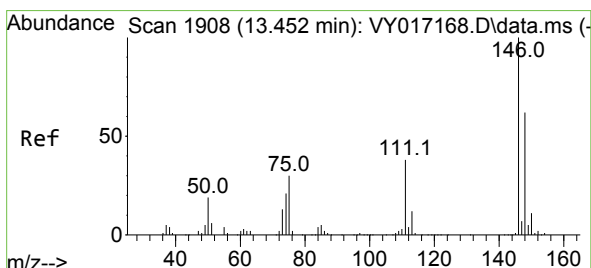
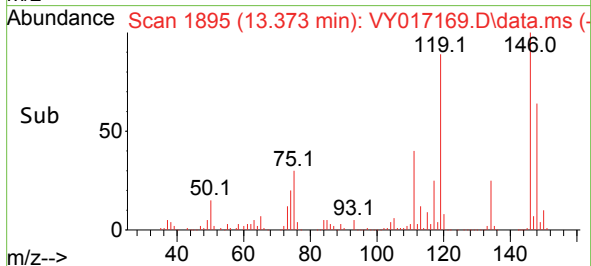
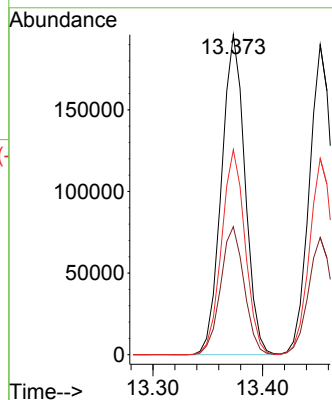
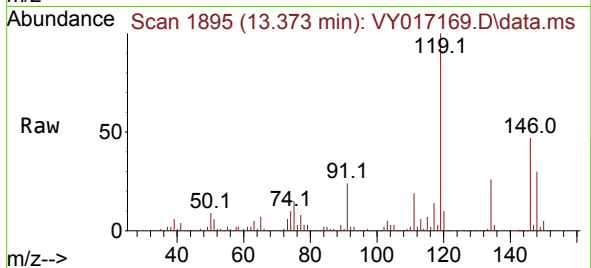
Tgt Ion:146 Resp: 292407

Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.5

148 64.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 104.737 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

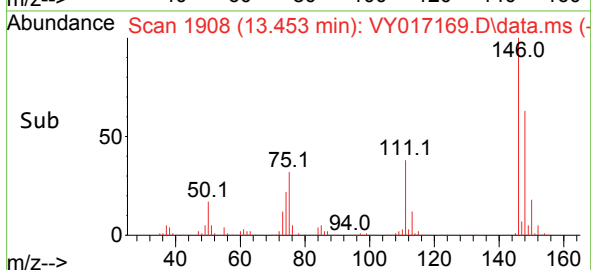
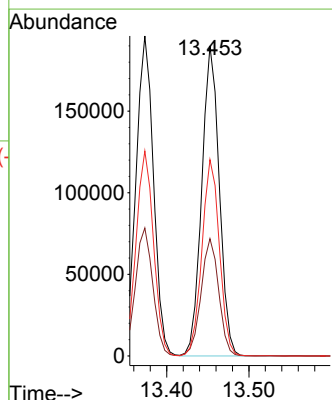
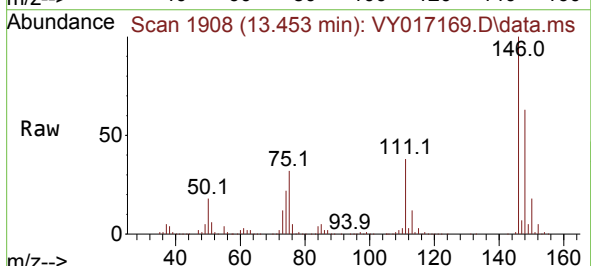
Tgt Ion:146 Resp: 281728

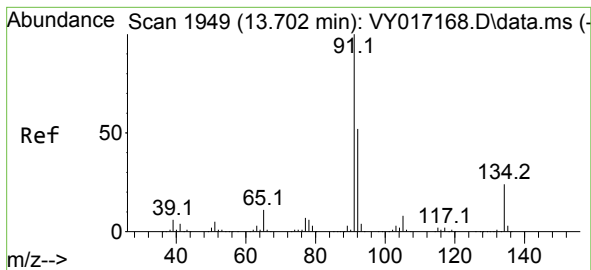
Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.9

148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 109.791 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

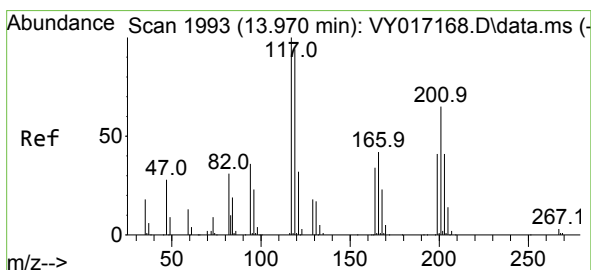
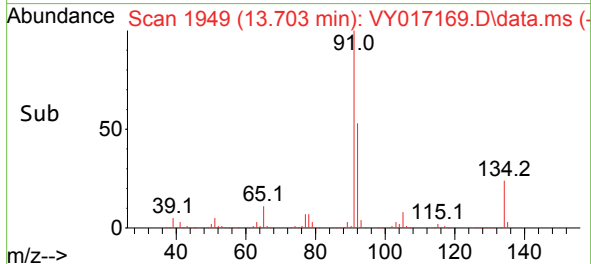
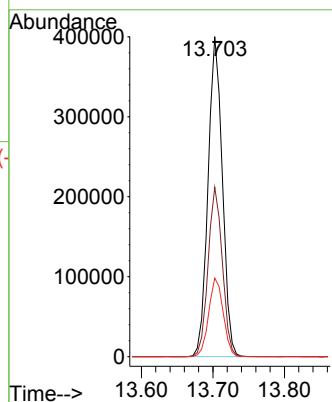
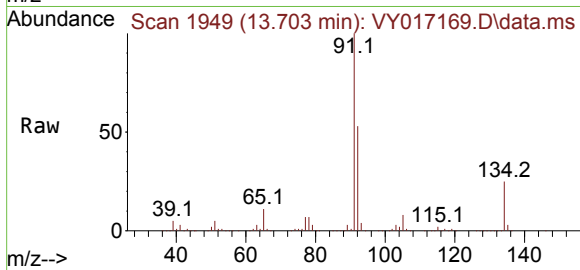
Tgt Ion: 91 Resp: 556120

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.0 12.3 36.8



#90

Hexachloroethane

Concen: 105.321 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017169.D

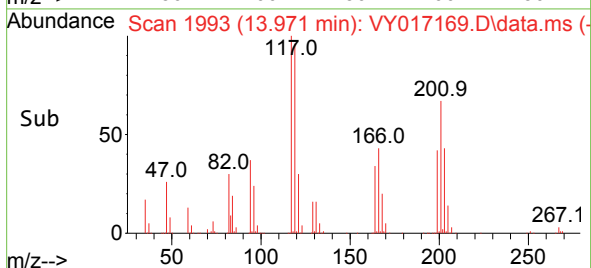
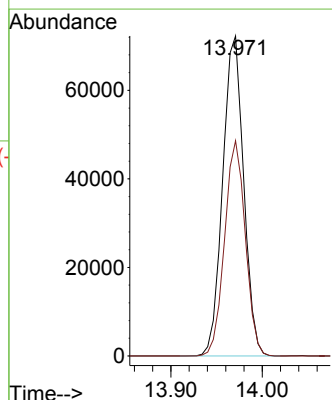
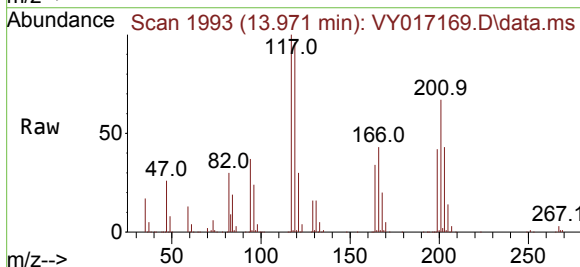
Acq: 01 Feb 2024 15:09

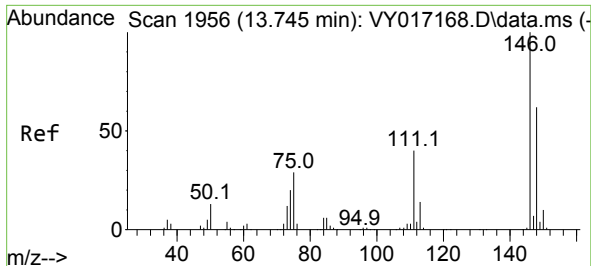
Tgt Ion: 117 Resp: 115189

Ion Ratio Lower Upper

117 100

201 66.6 33.4 100.1

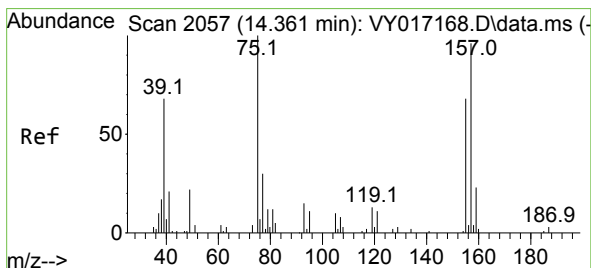
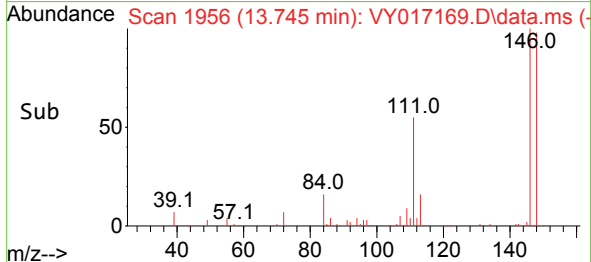
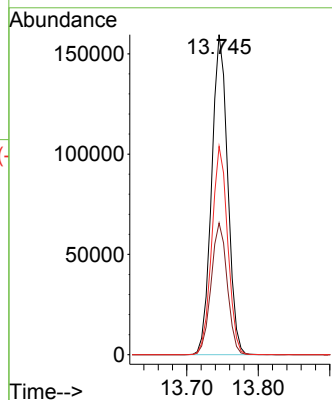
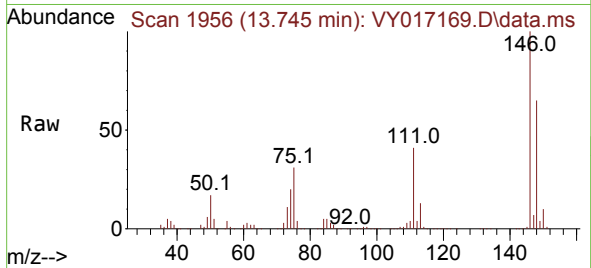




#91
1,2-Dichlorobenzene
Concen: 105.230 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

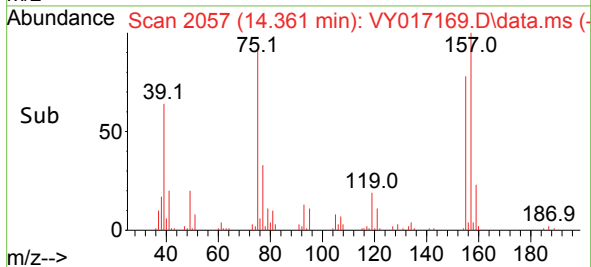
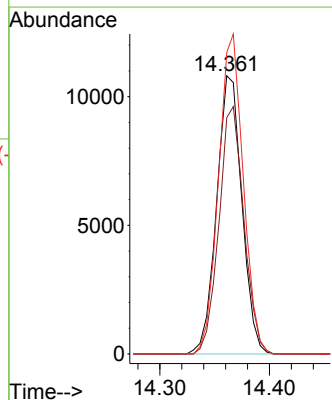
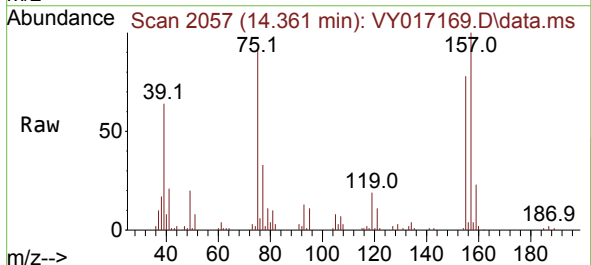
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

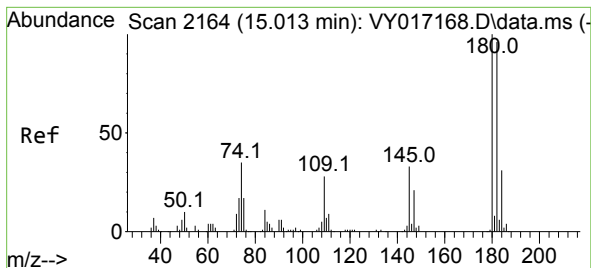
Tgt Ion:146 Resp: 248028
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 64.6 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 107.711 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017169.D
Acq: 01 Feb 2024 15:09

Tgt Ion: 75 Resp: 17266
Ion Ratio Lower Upper
75 100
155 87.9 42.1 126.3
157 112.7 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 113.678 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

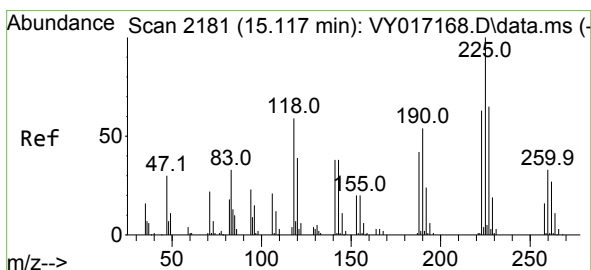
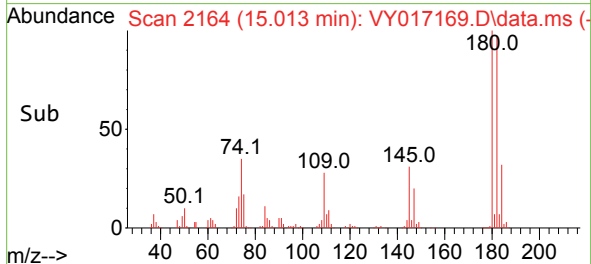
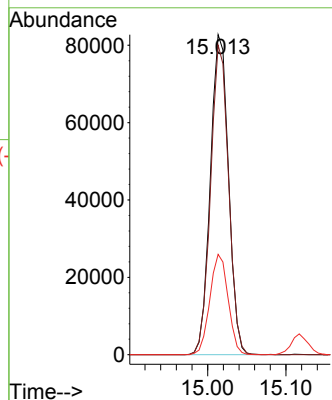
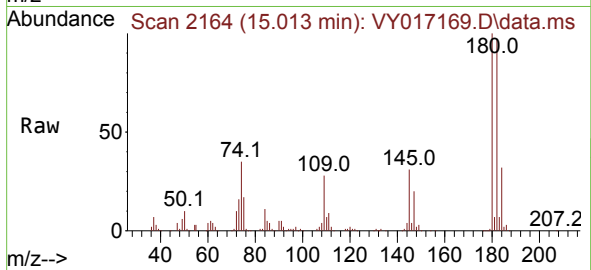
Tgt Ion:180 Resp: 133089

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 31.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 105.083 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

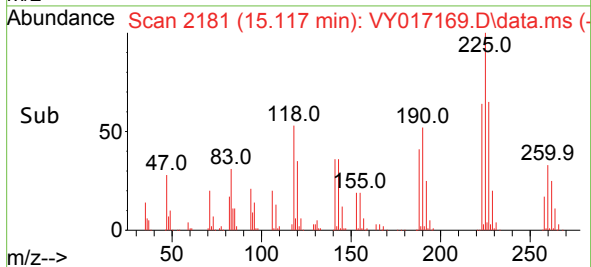
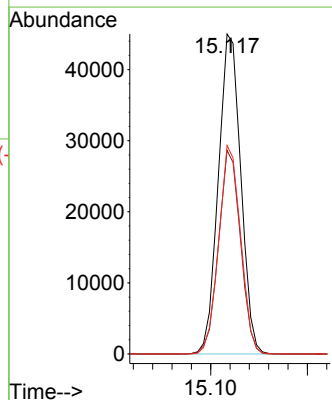
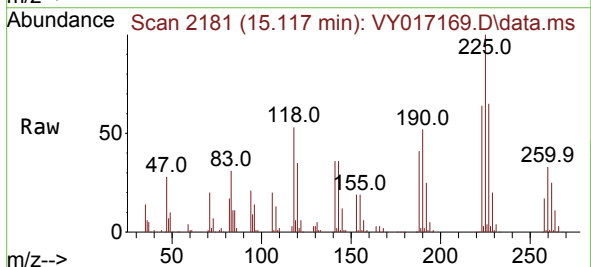
Tgt Ion:225 Resp: 72458

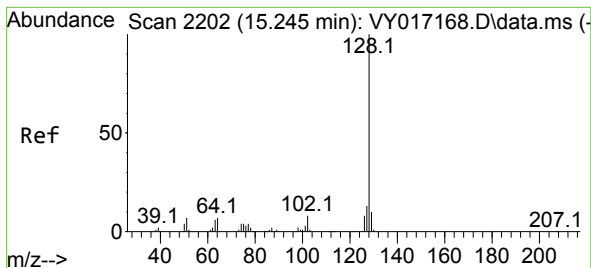
Ion Ratio Lower Upper

225 100

223 62.1 31.4 94.3

227 63.3 32.3 96.8





#95

Naphthalene

Concen: 105.291 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

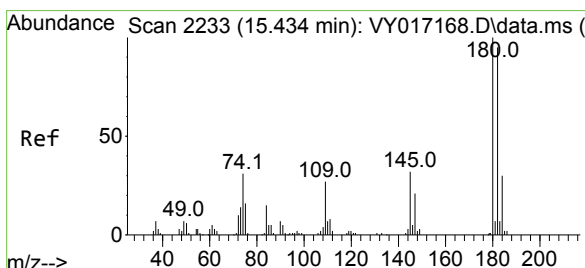
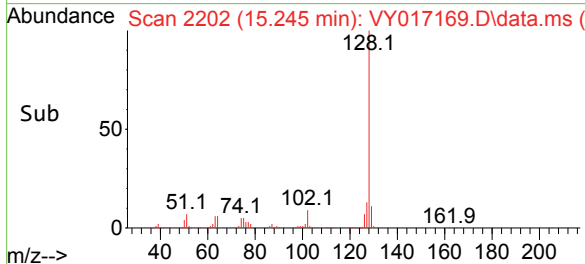
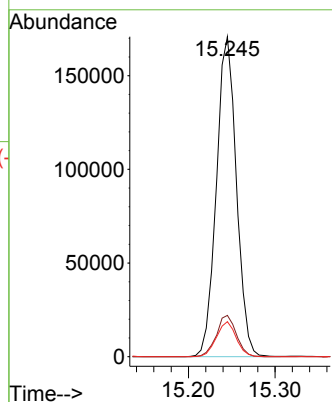
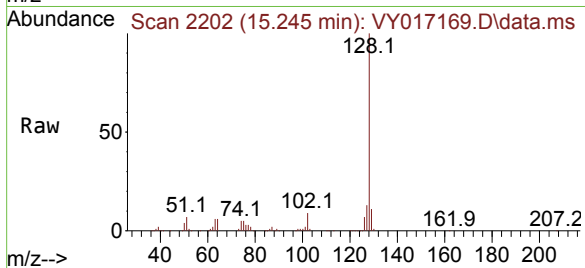
Tgt Ion:128 Resp: 274211

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 115.854 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017169.D

Acq: 01 Feb 2024 15:09

Tgt Ion:180 Resp: 115358

Ion Ratio Lower Upper

180 100

182 94.5 46.3 138.8

145 32.1 16.1 48.2

