

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017168.D
 Acq On : 01 Feb 2024 14:47
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 02 00:38:22 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	131070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	194506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	60516	51.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.360%	
35) Dibromofluoromethane	7.728	113	62099	51.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.120%	
50) Toluene-d8	10.185	98	232794	53.087	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.489	95	74435	51.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42171	42.442	ug/l	94
3) Chloromethane	2.119	50	79853	44.737	ug/l	98
4) Vinyl Chloride	2.253	62	96830	44.516	ug/l	99
5) Bromomethane	2.655	94	65766	43.617	ug/l	95
6) Chloroethane	2.796	64	63907	45.502	ug/l	98
7) Trichlorofluoromethane	3.131	101	100576	44.966	ug/l	100
8) Diethyl Ether	3.533	74	33805	48.048	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	62302	45.951	ug/l	99
10) Methyl Iodide	4.100	142	69164	48.521	ug/l	99
11) Tert butyl alcohol	4.960	59	21913	220.397	ug/l	97
12) 1,1-Dichloroethene	3.875	96	58786	46.271	ug/l	94
13) Acrolein	3.734	56	22795	234.213	ug/l	98
14) Allyl chloride	4.484	41	91006	47.382	ug/l	99
15) Acrylonitrile	5.167	53	74659	235.684	ug/l	99
16) Acetone	3.948	43	74227	215.686	ug/l	100
17) Carbon Disulfide	4.204	76	188489	46.477	ug/l	100
18) Methyl Acetate	4.484	43	40083	52.210	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	146361	47.833	ug/l	100
20) Methylene Chloride	4.728	84	67621	47.823	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	68084	47.107	ug/l	98
22) Diisopropyl ether	6.124	45	204814	48.558	ug/l	97
23) Vinyl Acetate	6.069	43	610932	239.047	ug/l	100
24) 1,1-Dichloroethane	6.027	63	120677	46.704	ug/l	97
25) 2-Butanone	6.990	43	102012	222.979	ug/l	96
26) 2,2-Dichloropropane	6.990	77	100140	46.594	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	76274	47.185	ug/l	99
28) Bromochloromethane	7.344	49	52768	53.336	ug/l	98
29) Tetrahydrofuran	7.356	42	61416	237.643	ug/l	99
30) Chloroform	7.514	83	121834	46.872	ug/l	100
31) Cyclohexane	7.795	56	106720	45.219	ug/l	99
32) 1,1,1-Trichloroethane	7.709	97	105254	47.077	ug/l	100
36) 1,1-Dichloropropene	7.923	75	98530	47.426	ug/l	98
37) Ethyl Acetate	7.081	43	43897	45.556	ug/l	99
38) Carbon Tetrachloride	7.911	117	92570	46.538	ug/l	97
39) Methylcyclohexane	9.191	83	115991	47.790	ug/l	99
40) Benzene	8.167	78	277143	46.714	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	59108	129.470	ug/l #	23
42) 1,2-Dichloroethane	8.246	62	73566	46.833	ug/l	100
43) Isopropyl Acetate	8.276	43	79890	46.836	ug/l	100
44) Trichloroethene	8.947	130	71340	47.371	ug/l	97
45) 1,2-Dichloropropane	9.227	63	68765	47.188	ug/l	100
46) Dibromomethane	9.313	93	37087	47.114	ug/l	99
47) Bromodichloromethane	9.502	83	92134	46.768	ug/l	96
48) Methyl methacrylate	9.300	41	38180	47.720	ug/l	100
49) 1,4-Dioxane	9.307	88	8204	957.513	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	217901	238.311	ug/l	100
52) Toluene	10.252	92	171561	47.908	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	88287	47.711	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	105946	47.800	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	50897	47.523	ug/l	99
56) Ethyl methacrylate	10.520	69	64745	45.236	ug/l	100
57) 1,3-Dichloropropane	10.800	76	87633	47.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	169670	254.294	ug/l	100
59) 2-Hexanone	10.837	43	155669	235.443	ug/l	100
60) Dibromochloromethane	10.989	129	58741	46.752	ug/l	100
61) 1,2-Dibromoethane	11.099	107	46126	46.308	ug/l	99
64) Tetrachloroethene	10.727	164	57840	45.788	ug/l	98
65) Chlorobenzene	11.526	112	175293	46.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	63470	46.547	ug/l	99
67) Ethyl Benzene	11.599	91	324514	47.854	ug/l	99
68) m/p-Xylenes	11.709	106	246127	95.640	ug/l	99
69) o-Xylene	12.038	106	114277	48.221	ug/l	100
70) Styrene	12.050	104	191873	49.139	ug/l	99
71) Bromoform	12.215	173	33237	46.543	ug/l #	98
73) Isopropylbenzene	12.337	105	303296	48.096	ug/l	100
74) N-amyl acetate	12.154	43	68381	48.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.586	83	57861	46.650	ug/l	98
76) 1,2,3-Trichloropropane	12.641	75	70122	82.944	ug/l #	100
77) Bromobenzene	12.617	156	65295	46.680	ug/l	98
78) n-propylbenzene	12.678	91	373981	48.286	ug/l	100
79) 2-Chlorotoluene	12.763	91	202090	47.461	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	241801	48.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	17977	47.147	ug/l	97
82) 4-Chlorotoluene	12.861	91	208593	47.599	ug/l	100
83) tert-Butylbenzene	13.080	119	208716	48.549	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	240463	48.574	ug/l	99
85) sec-Butylbenzene	13.263	105	324068	48.230	ug/l	99
86) p-Isopropyltoluene	13.379	119	259113	48.258	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	130138	46.637	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	124148	45.794	ug/l	99
89) n-Butylbenzene	13.702	91	247277	48.438	ug/l	100
90) Hexachloroethane	13.970	117	51278	46.520	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	111128	46.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7328	45.358	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	55239	46.815	ug/l	99
94) Hexachlorobutadiene	15.117	225	31113	44.770	ug/l	99
95) Naphthalene	15.245	128	102457	43.754	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	45394	45.234	ug/l	98

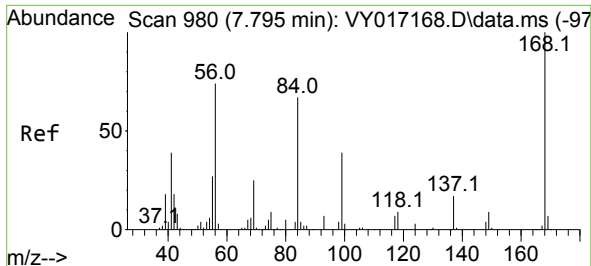
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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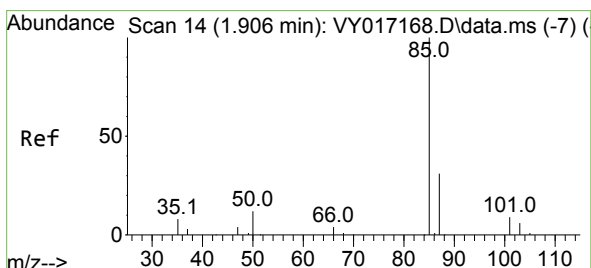
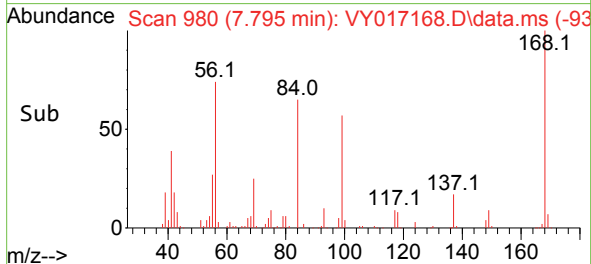
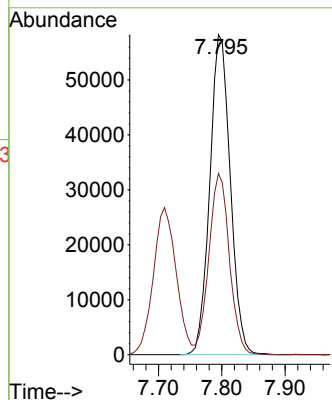
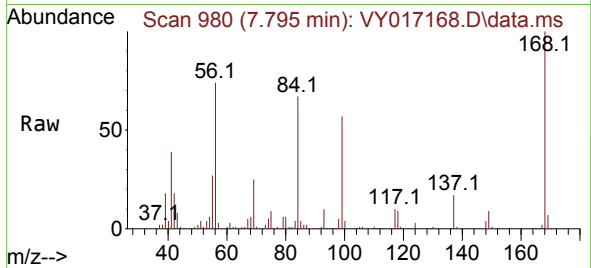
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017168.D
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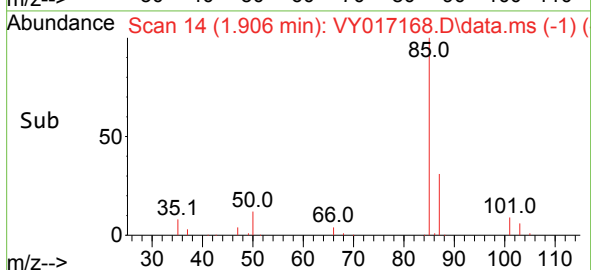
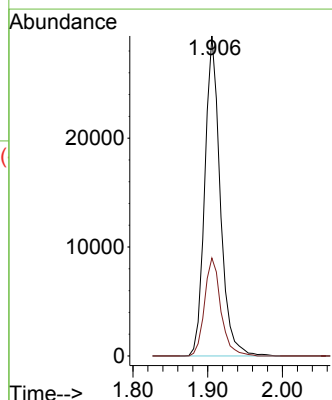
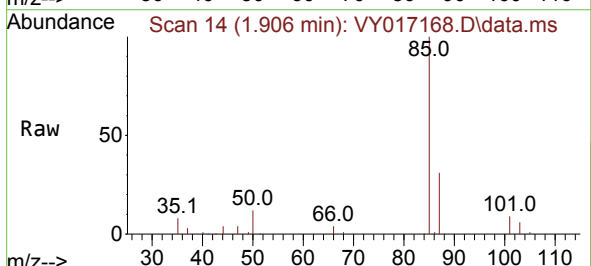
Instrument :
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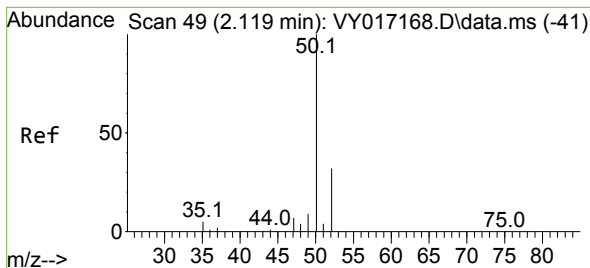
Tgt Ion:168 Resp: 131070
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 42.442 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 85 Resp: 42171
Ion Ratio Lower Upper
85 100
87 30.6 17.1 51.3





#3

Chloromethane

Concen: 44.737 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

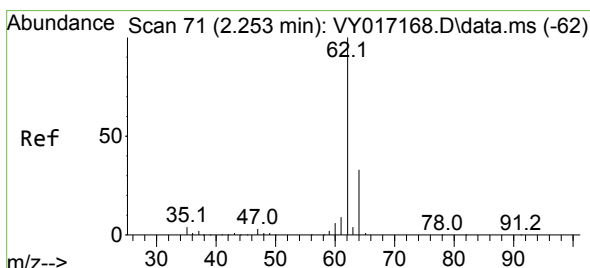
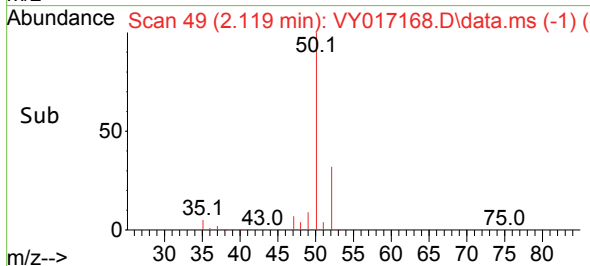
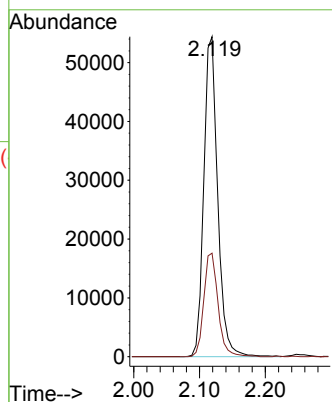
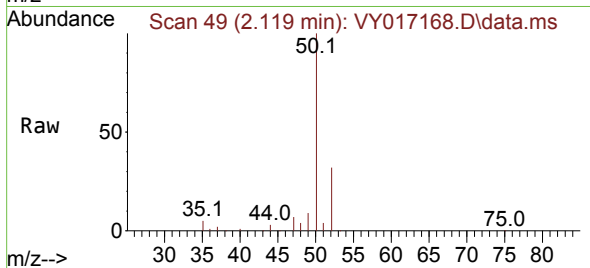
VSTDICCC050

Tgt Ion: 50 Resp: 79853

Ion Ratio Lower Upper

50 100

52 32.4 26.7 40.1



#4

Vinyl Chloride

Concen: 44.516 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY017168.D

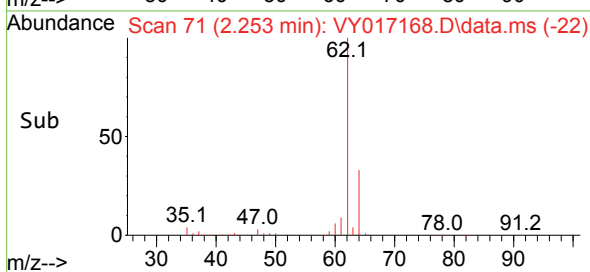
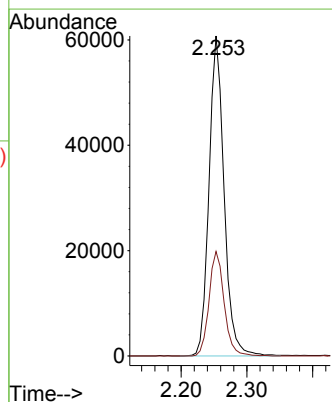
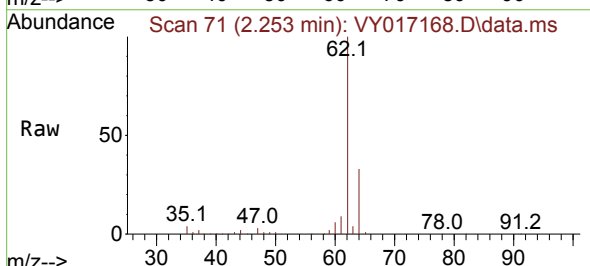
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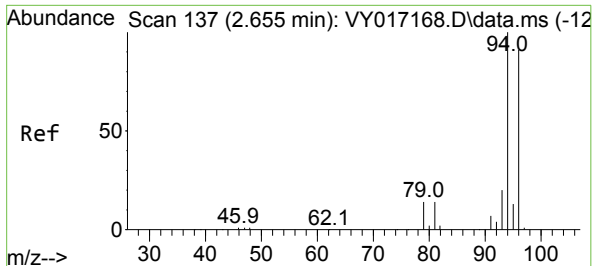
Tgt Ion: 62 Resp: 96830

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 43.617 ug/l

RT: 2.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

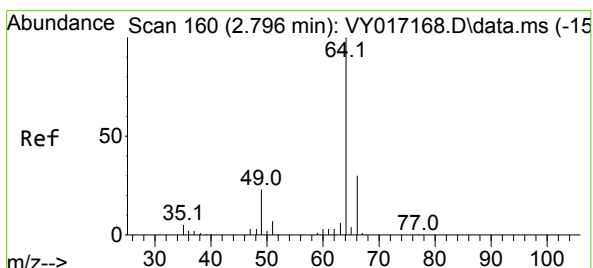
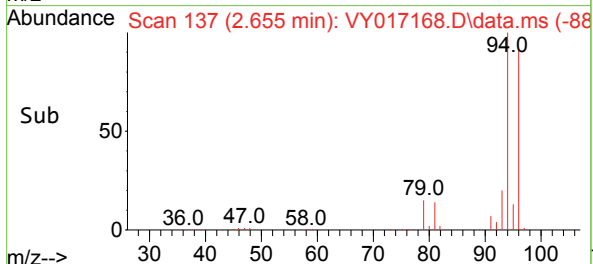
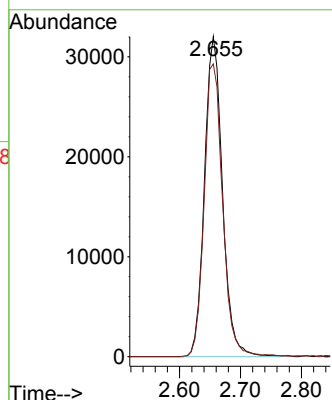
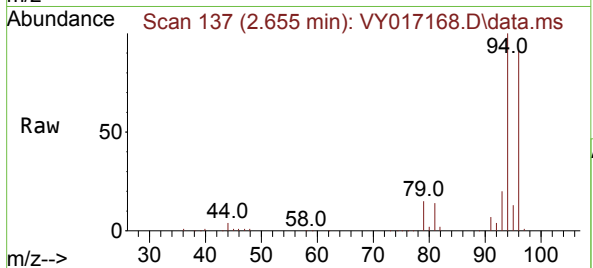
VSTDICCC050

Tgt Ion: 94 Resp: 65766

Ion Ratio Lower Upper

94 100

96 91.5 77.3 115.9



#6

Chloroethane

Concen: 45.502 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY017168.D

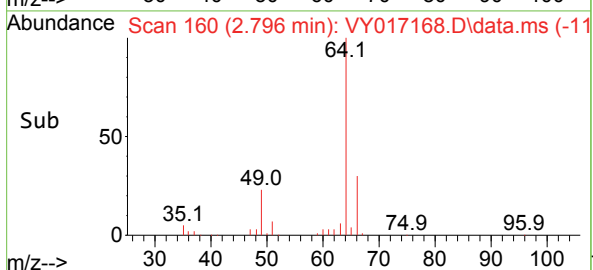
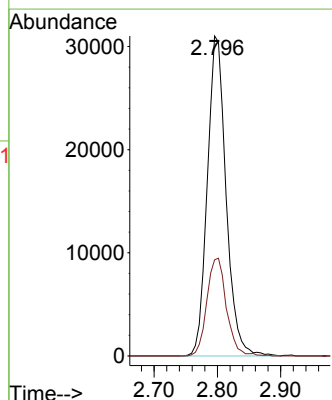
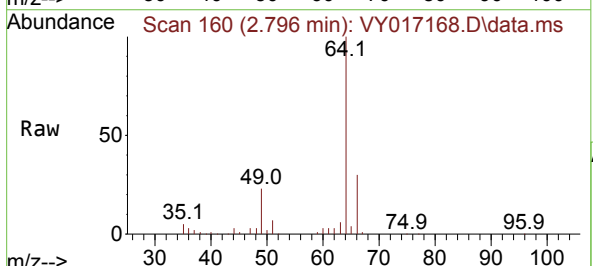
Acq: 01 Feb 2024 14:47

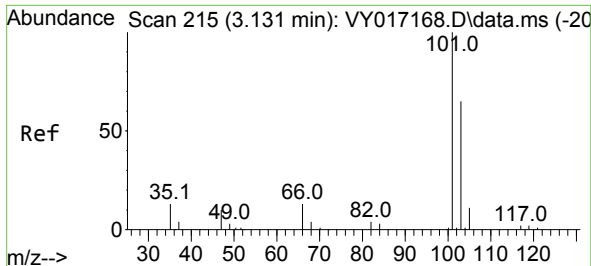
Tgt Ion: 64 Resp: 63907

Ion Ratio Lower Upper

64 100

66 30.1 25.1 37.7

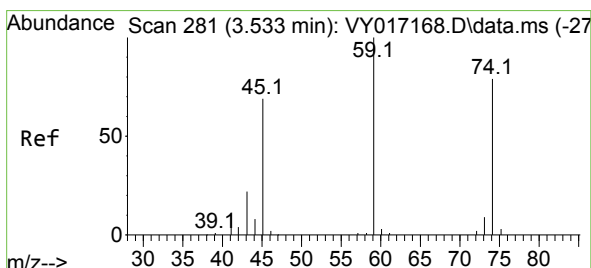
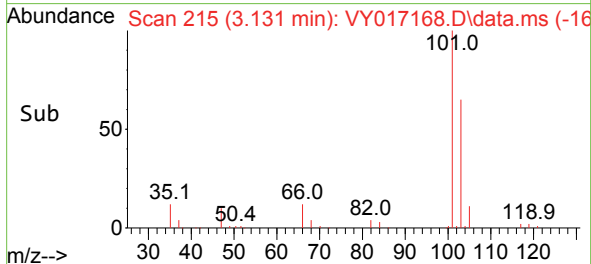
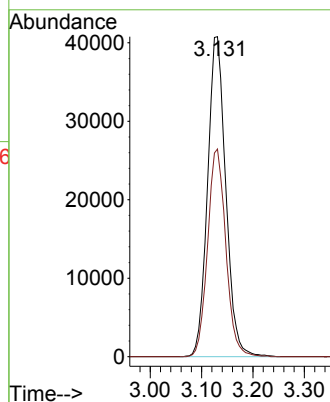
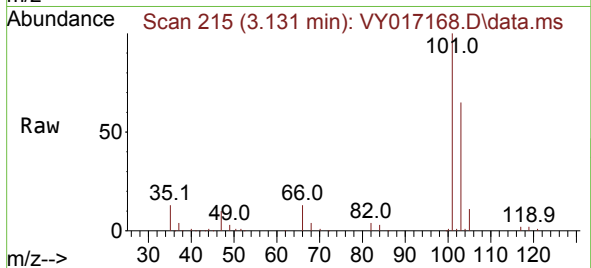




#7
 Trichlorofluoromethane
 Concen: 44.966 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017168.D
 Acq: 01 Feb 2024 14:47

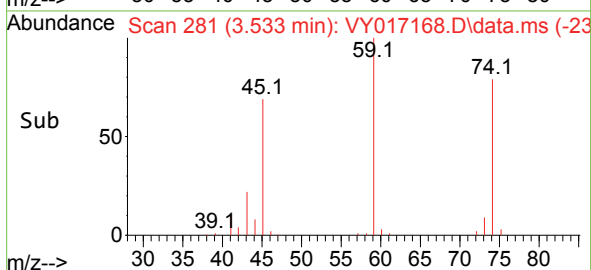
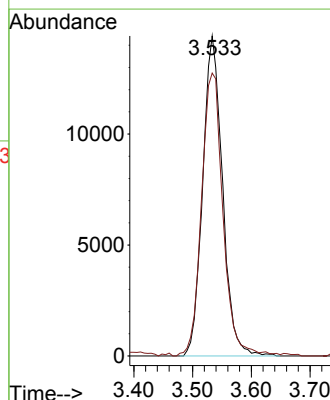
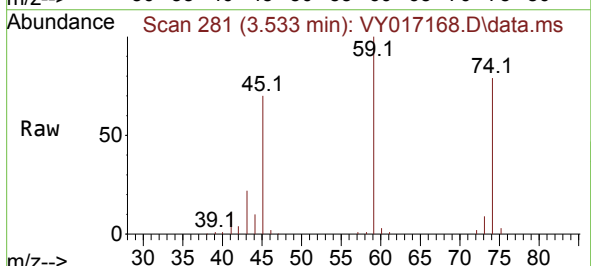
Instrument :
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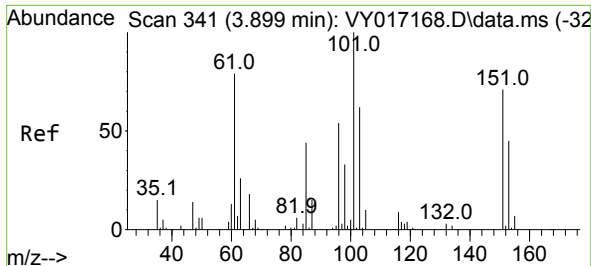
Tgt Ion:101 Resp: 100576
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 48.048 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY017168.D
 Acq: 01 Feb 2024 14:47

Tgt Ion: 74 Resp: 33805
 Ion Ratio Lower Upper
 74 100
 45 95.8 47.9 143.7

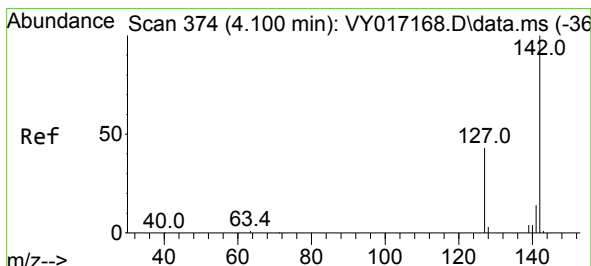
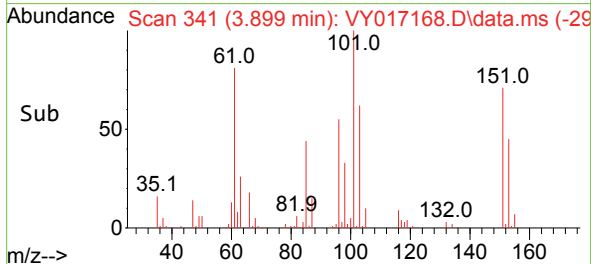
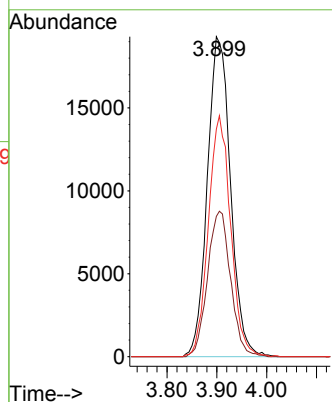
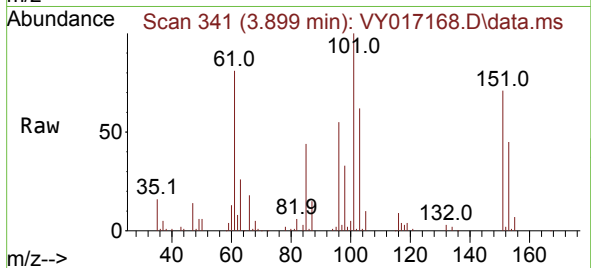




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.951 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017168.D
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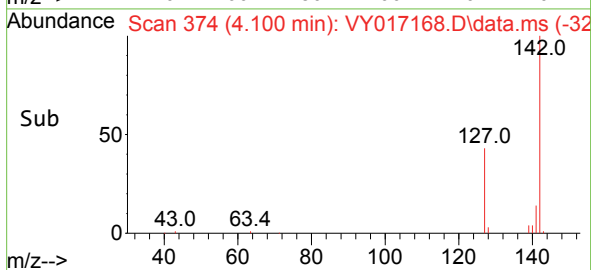
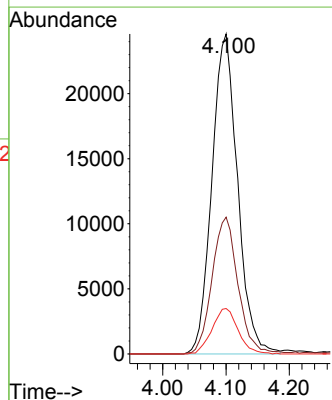
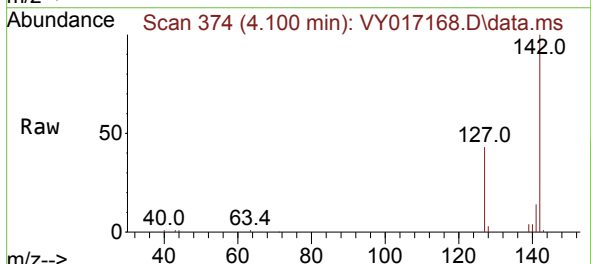
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VSTDICCC050

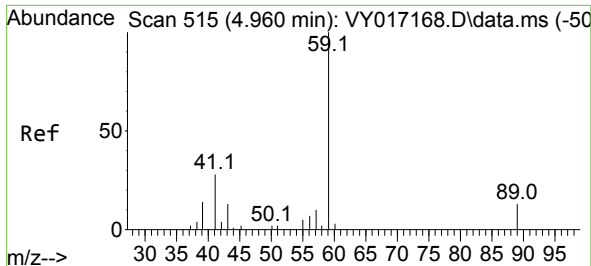
Tgt Ion:	101	Resp:	62302
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.8	53.6
151	72.5	58.6	88.0



#10
Methyl Iodide
Concen: 48.521 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion:	142	Resp:	69164
Ion	Ratio	Lower	Upper
142	100		
127	43.3	35.1	52.7
141	14.5	11.8	17.6

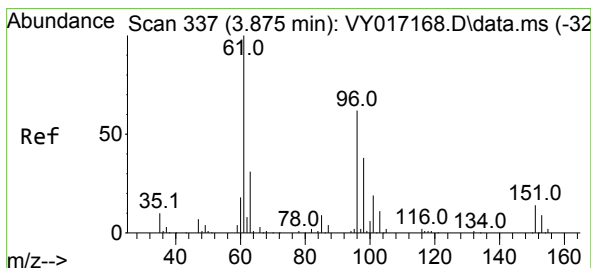
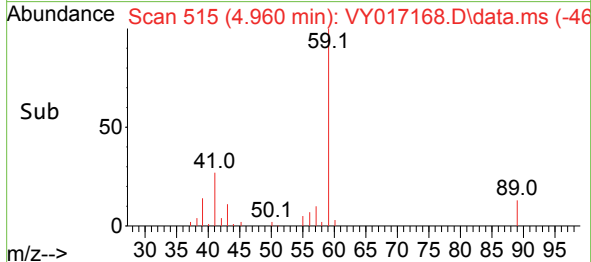
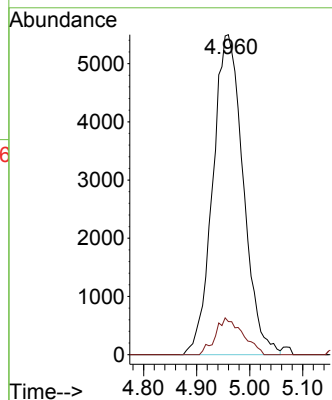
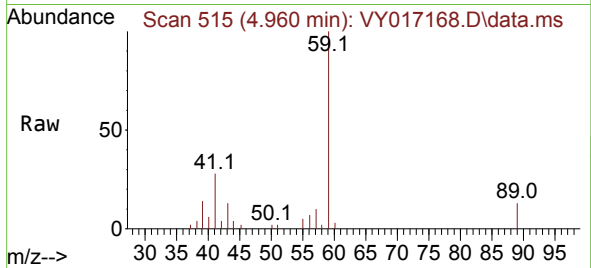




#11
Tert butyl alcohol
Concen: 220.397 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

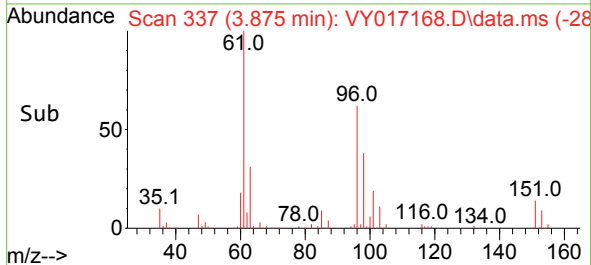
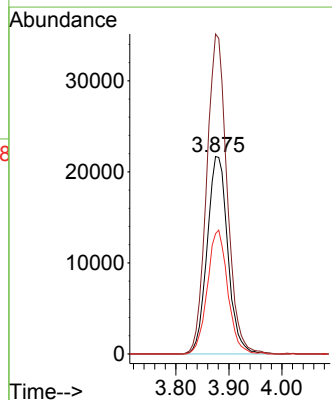
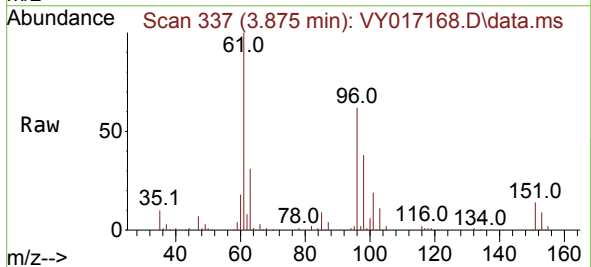
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

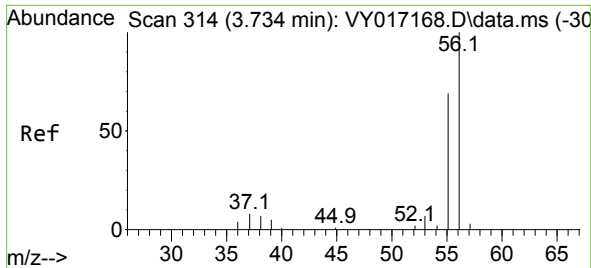
Tgt Ion: 59 Resp: 21913
Ion Ratio Lower Upper
59 100
57 10.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 46.271 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 96 Resp: 58786
Ion Ratio Lower Upper
96 100
61 162.1 124.2 186.2
98 60.9 52.6 79.0

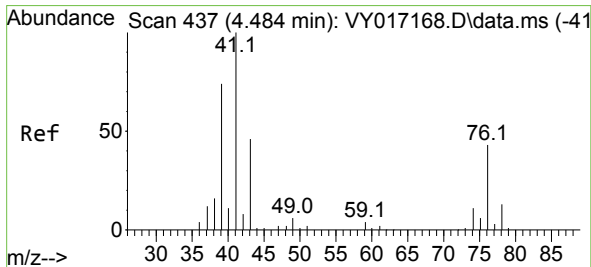
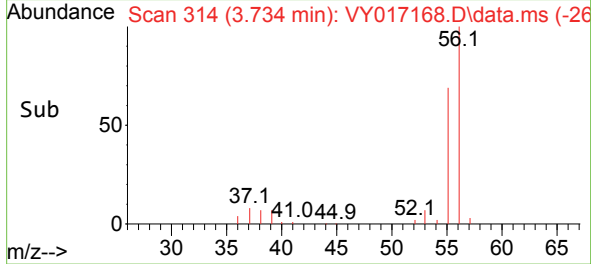
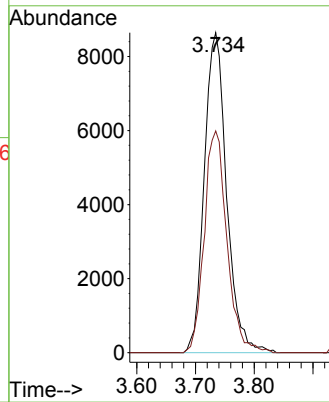
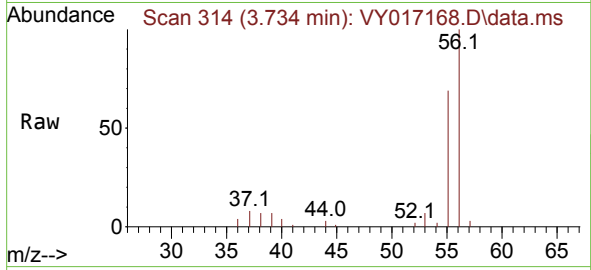




#13
Acrolein
Concen: 234.213 ug/l
RT: 3.734 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

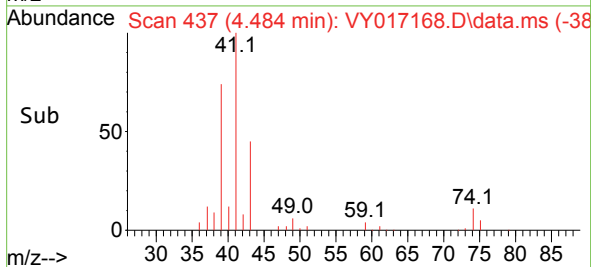
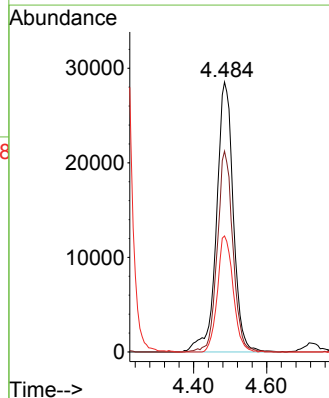
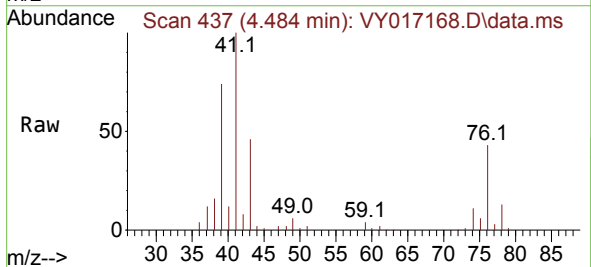
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

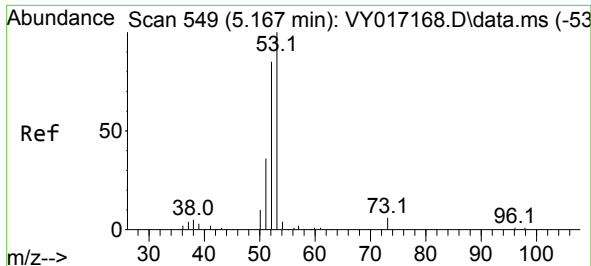
Tgt Ion: 56 Resp: 22795
Ion Ratio Lower Upper
56 100
55 70.5 55.4 83.0



#14
Allyl chloride
Concen: 47.382 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 41 Resp: 91006
Ion Ratio Lower Upper
41 100
39 69.2 54.7 82.1
76 40.3 31.8 47.6

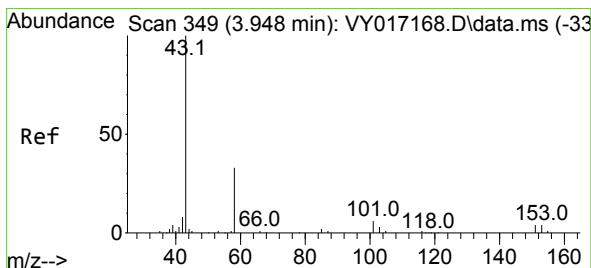
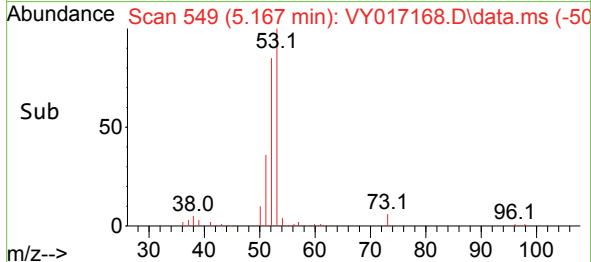
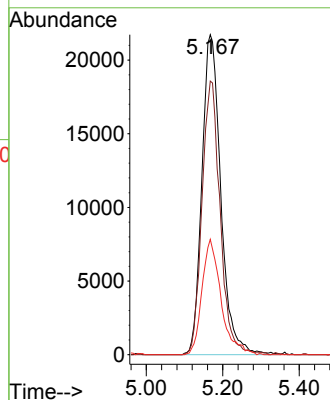
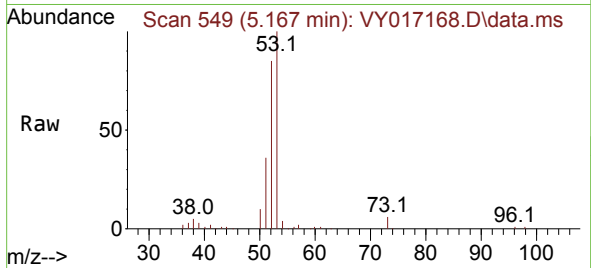




#15
Acrylonitrile
Concen: 235.684 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

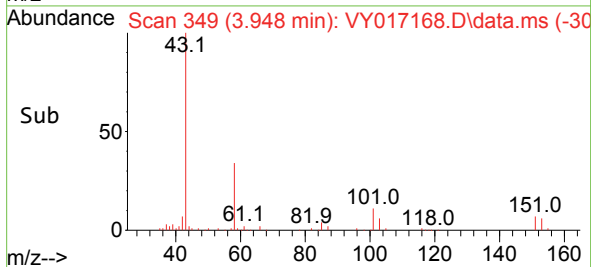
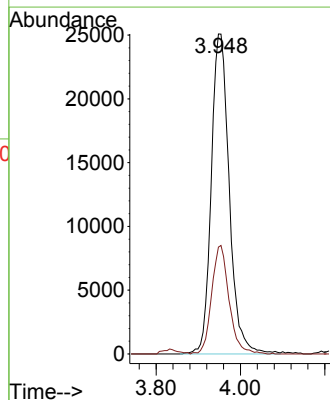
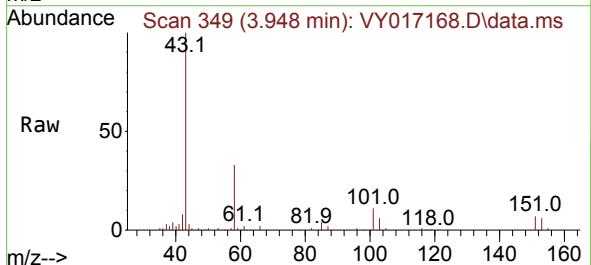
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

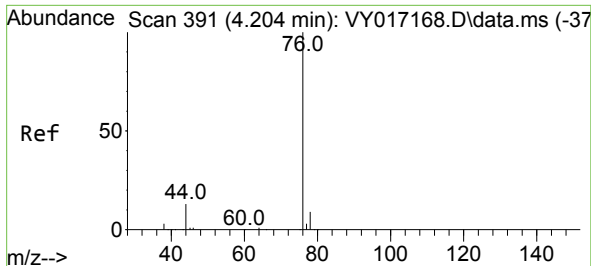
Tgt Ion:	53	Resp:	74659
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.1	97.7
51	36.4	29.0	43.4



#16
Acetone
Concen: 215.686 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion:	43	Resp:	74227
Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.6	39.8

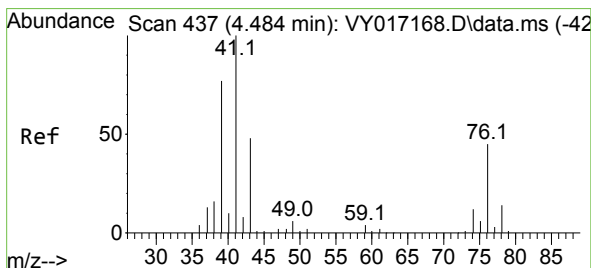
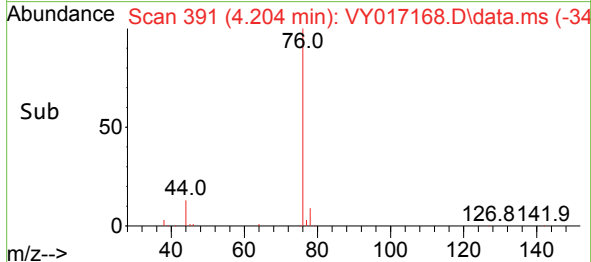
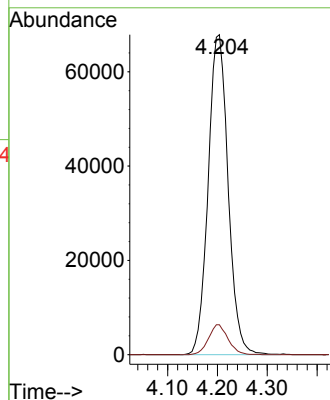
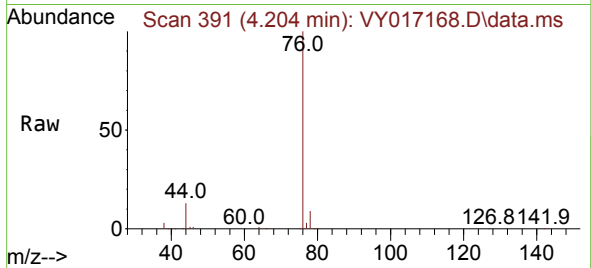




#17
Carbon Disulfide
Concen: 46.477 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

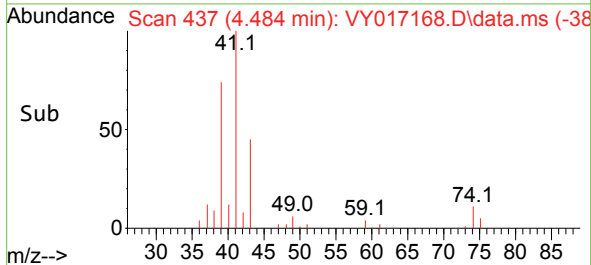
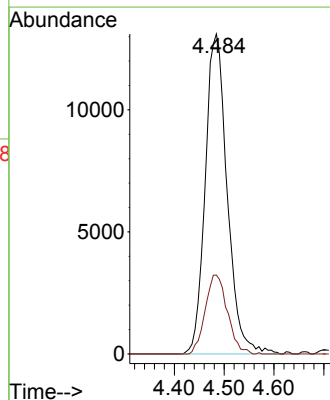
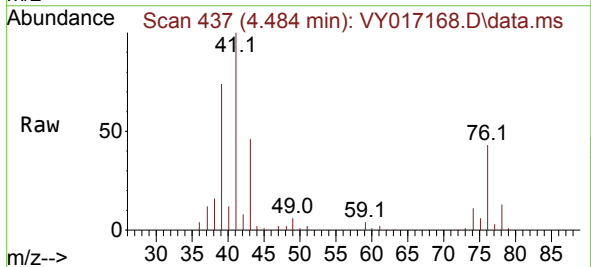
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

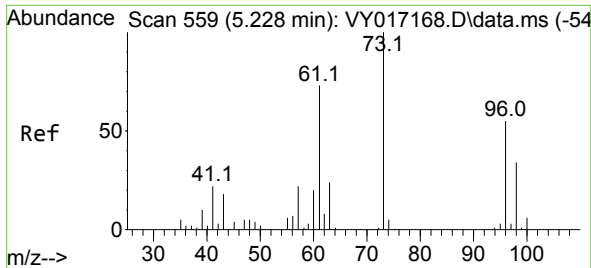
Tgt Ion: 76 Resp: 188489
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 52.210 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 43 Resp: 40083
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.6

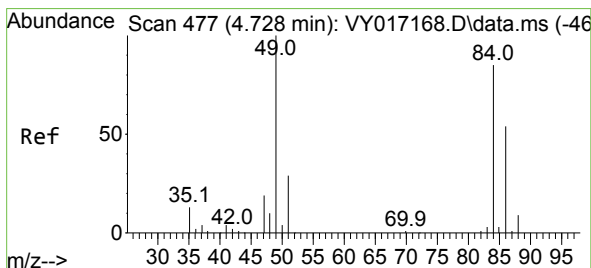
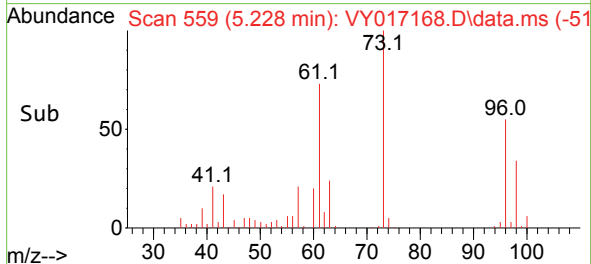
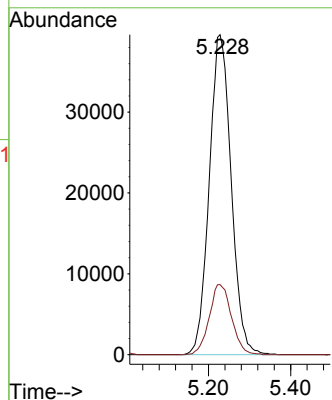
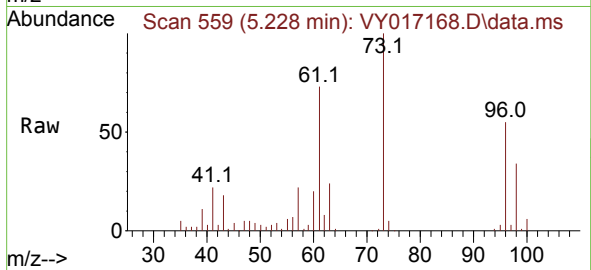




#19
Methyl tert-butyl Ether
Concen: 47.833 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

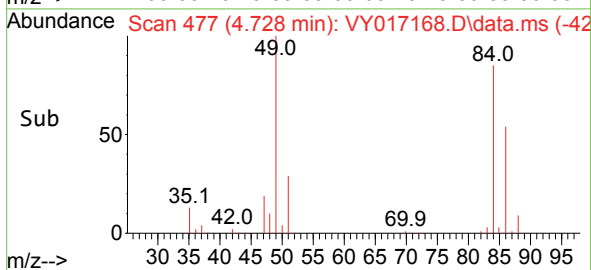
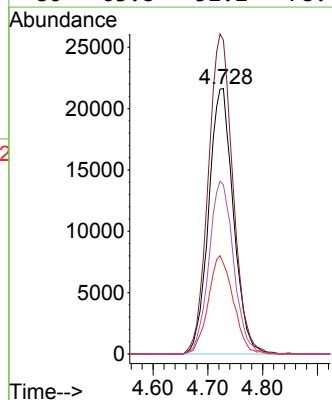
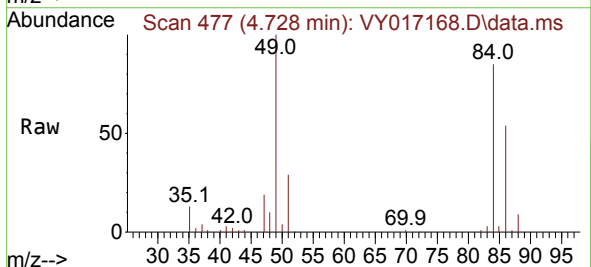
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

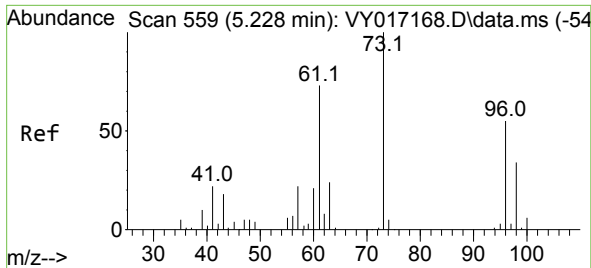
Tgt Ion: 73 Resp: 146361
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 47.823 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 84 Resp: 67621
Ion Ratio Lower Upper
84 100
49 118.2 95.2 142.8
51 34.1 29.9 44.9
86 63.8 52.2 78.4

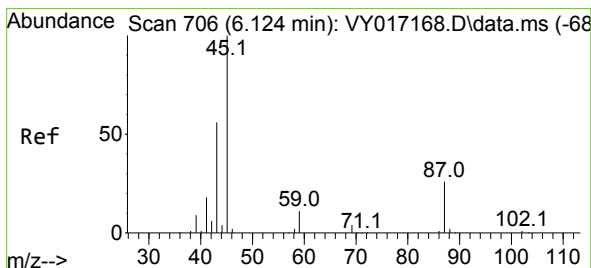
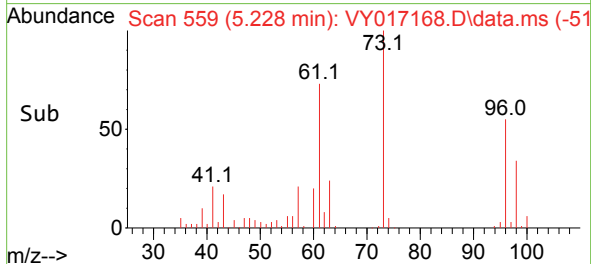
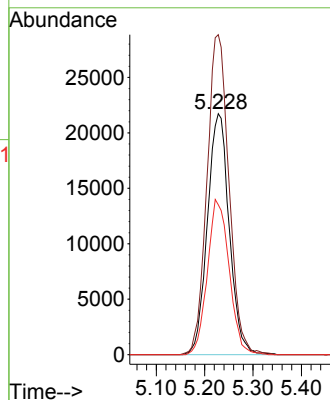
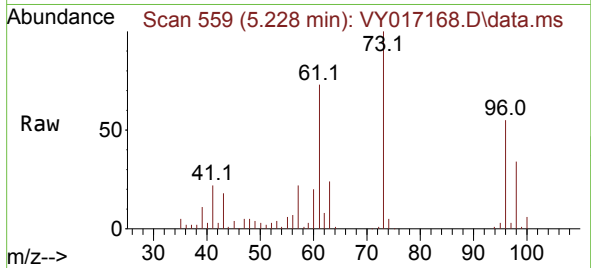




#21
trans-1,2-Dichloroethene
Concen: 47.107 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

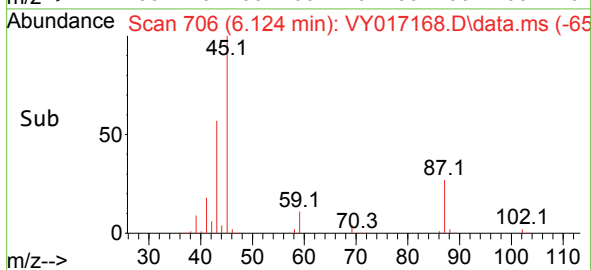
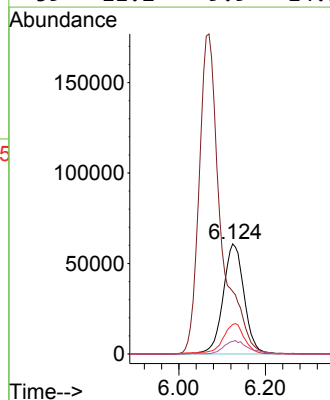
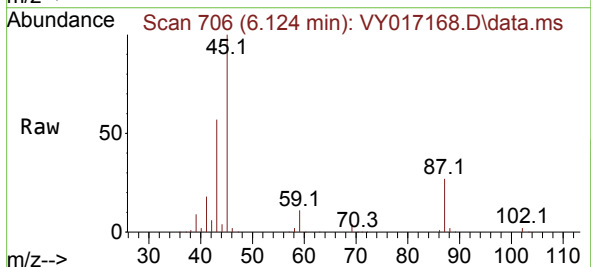
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

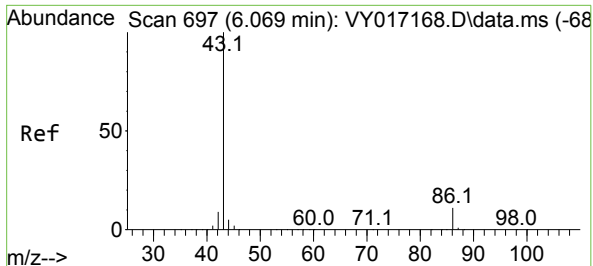
Tgt Ion: 96 Resp: 68084
Ion Ratio Lower Upper
96 100
61 132.8 104.6 156.8
98 62.2 50.9 76.3



#22
Diisopropyl ether
Concen: 48.558 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 45 Resp: 204814
Ion Ratio Lower Upper
45 100
43 56.3 46.8 70.2
87 26.6 22.2 33.2
59 11.2 9.9 14.9

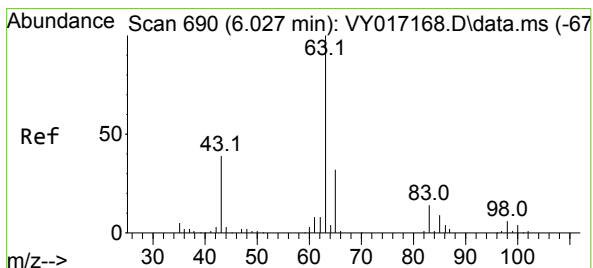
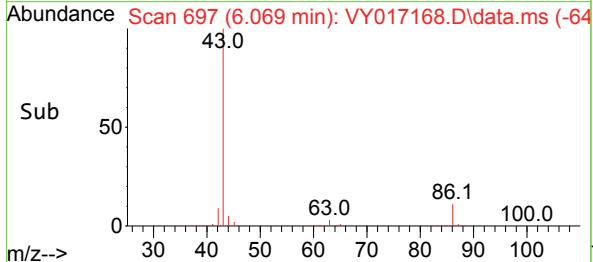
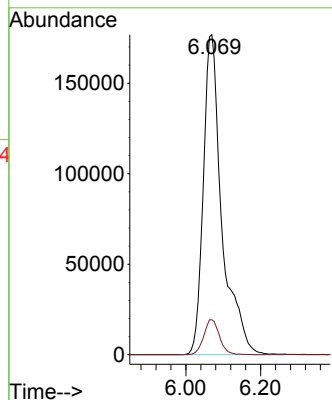
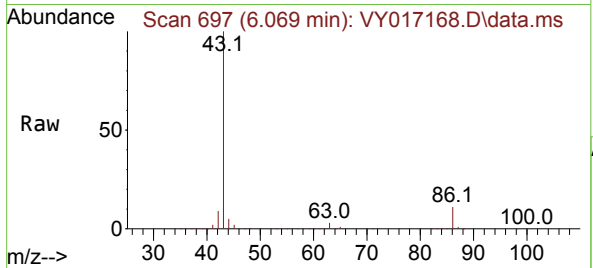




#23
 Vinyl Acetate
 Concen: 239.047 ug/l
 RT: 6.069 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY017168.D
 Acq: 01 Feb 2024 14:47

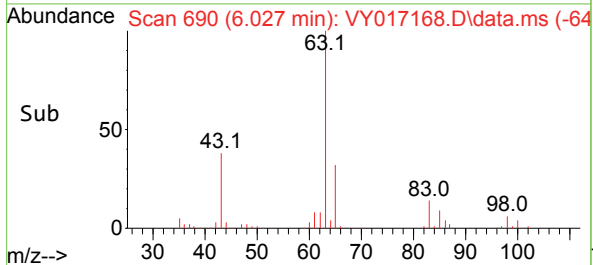
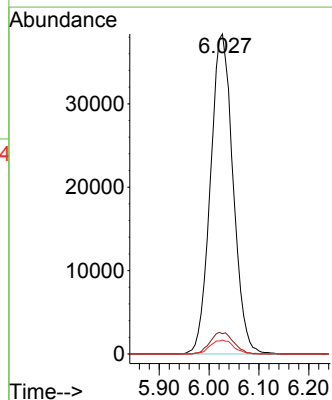
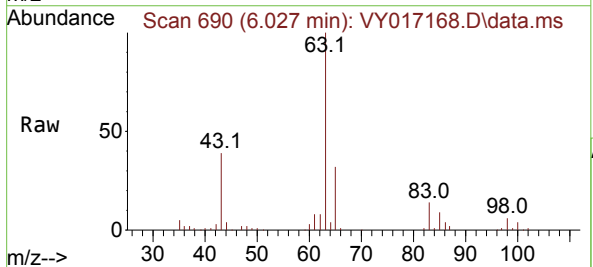
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

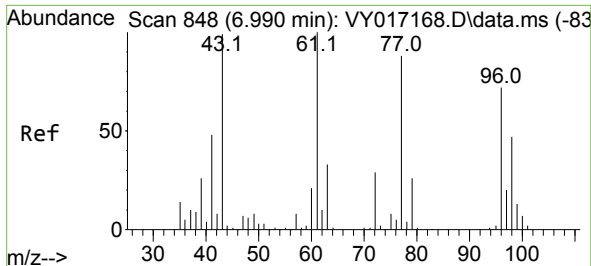
Tgt Ion: 43 Resp: 610932
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 46.704 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017168.D
 Acq: 01 Feb 2024 14:47

Tgt Ion: 63 Resp: 120677
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 222.979 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

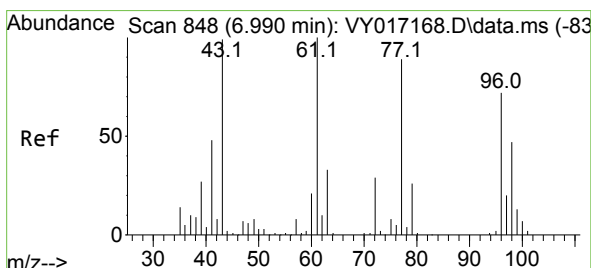
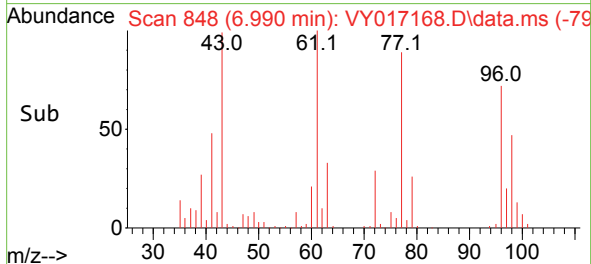
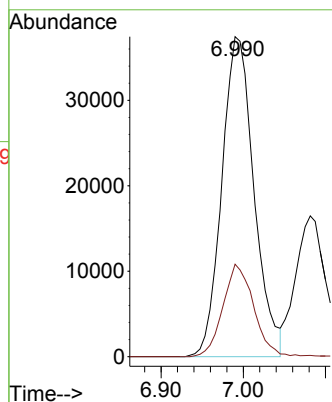
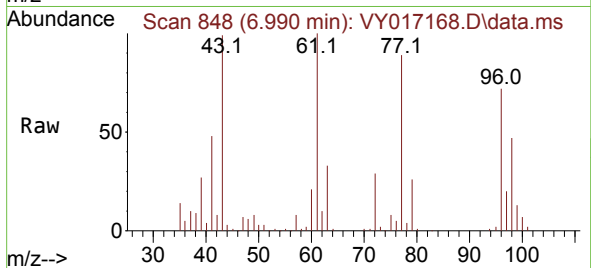
VSTDICCC050

Tgt Ion: 43 Resp: 102012

Ion Ratio Lower Upper

43 100

72 28.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 46.594 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017168.D

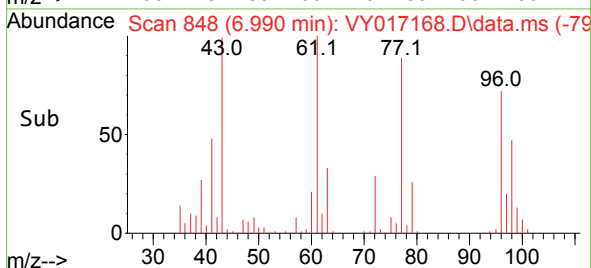
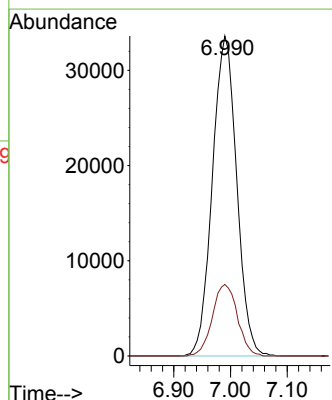
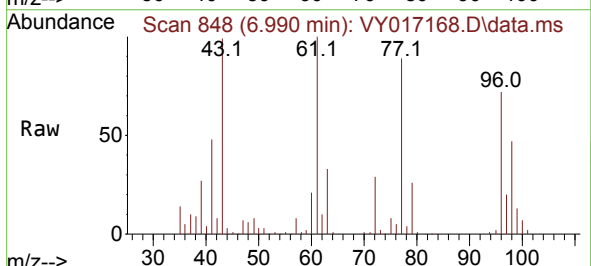
Acq: 01 Feb 2024 14:47

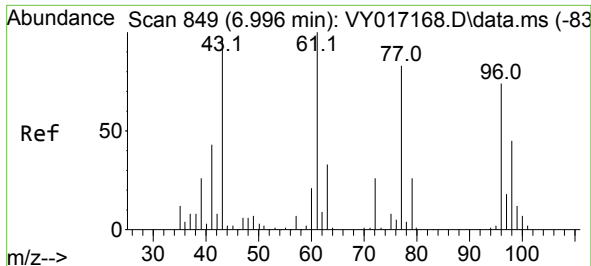
Tgt Ion: 77 Resp: 100140

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0

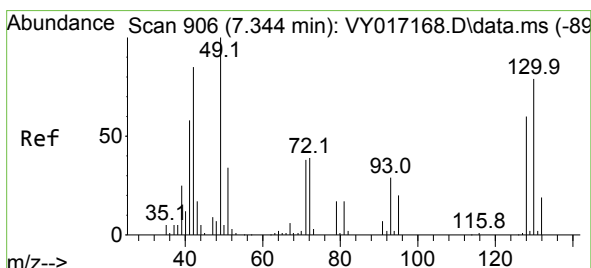
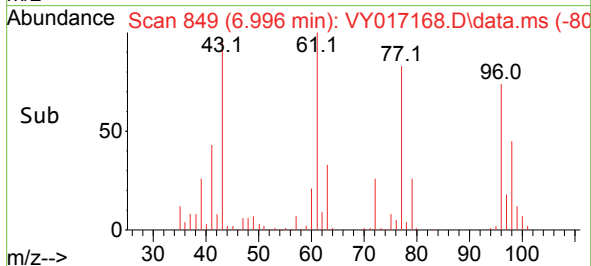
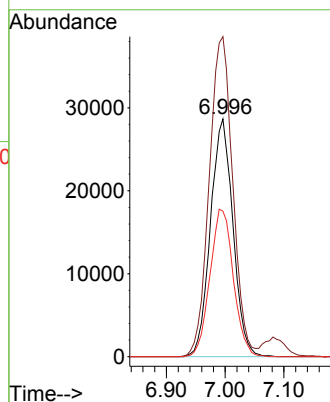
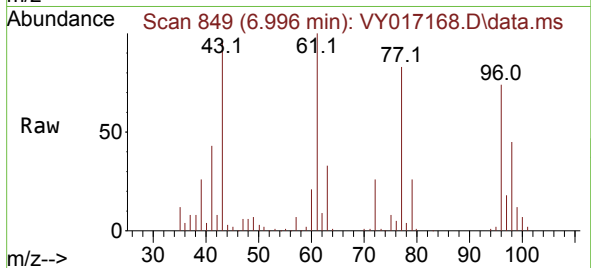




#27
cis-1,2-Dichloroethene
Concen: 47.185 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

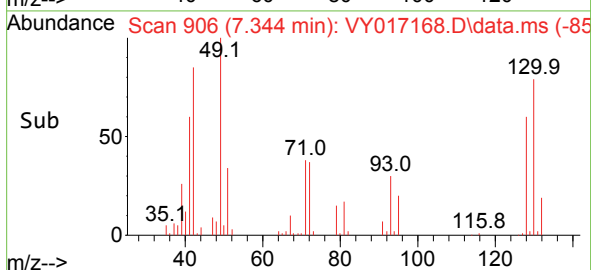
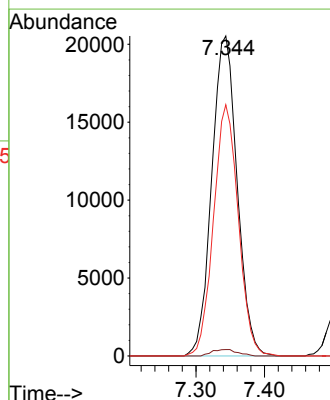
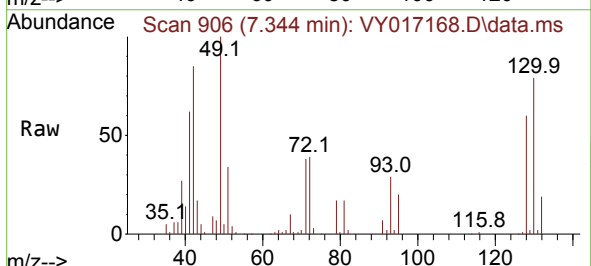
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

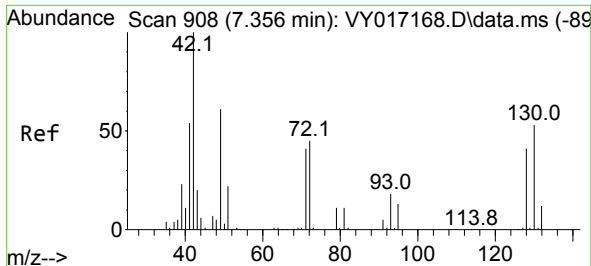
Tgt Ion: 96 Resp: 76274
Ion Ratio Lower Upper
96 100
61 140.4 0.0 278.8
98 64.5 0.0 127.0



#28
Bromochloromethane
Concen: 53.336 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 49 Resp: 52768
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 76.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 237.643 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

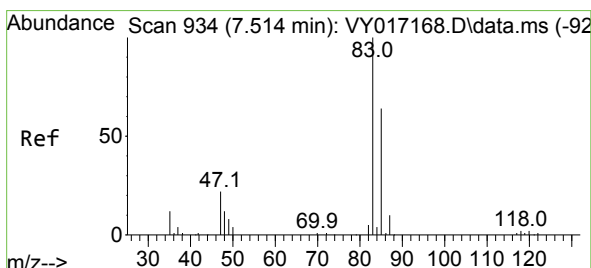
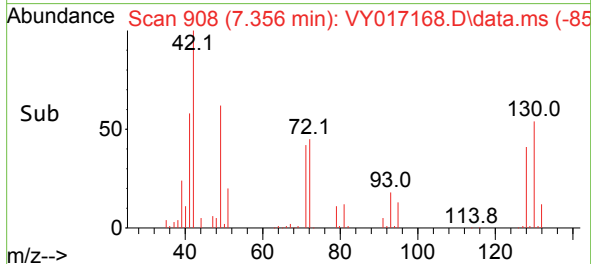
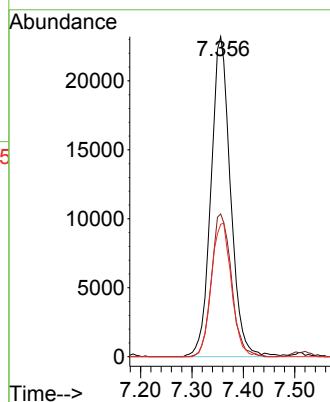
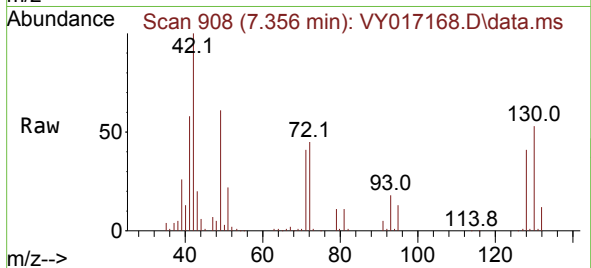
Tgt Ion: 42 Resp: 61416

Ion Ratio Lower Upper

42 100

72 45.7 36.6 54.8

71 43.0 33.8 50.6



#30

Chloroform

Concen: 46.872 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017168.D

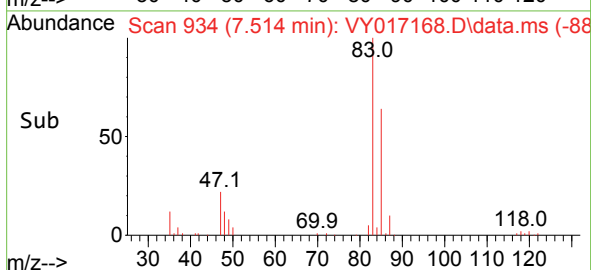
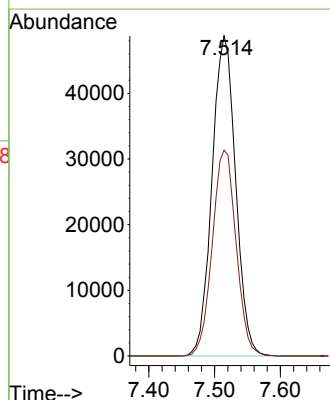
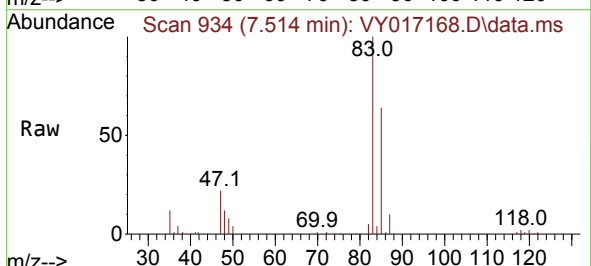
Acq: 01 Feb 2024 14:47

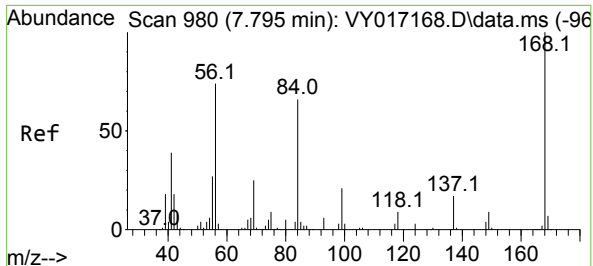
Tgt Ion: 83 Resp: 121834

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8





#31

Cyclohexane

Concen: 45.219 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

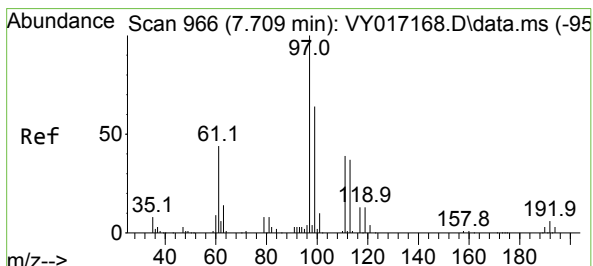
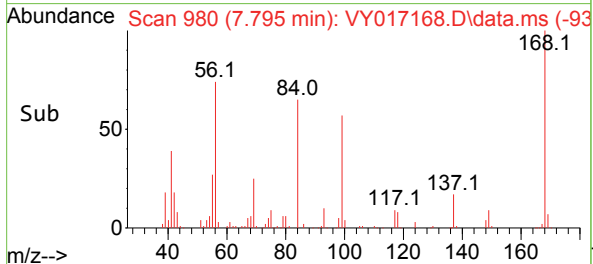
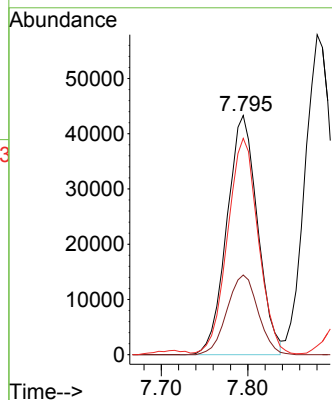
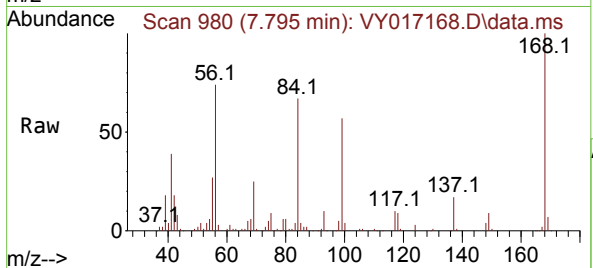
Tgt Ion: 56 Resp: 106720

Ion Ratio Lower Upper

56 100

69 33.3 27.0 40.6

84 89.1 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 47.077 ug/l

RT: 7.709 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

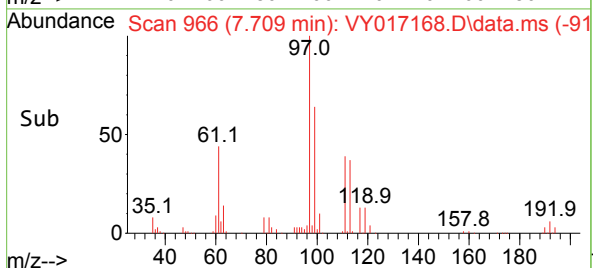
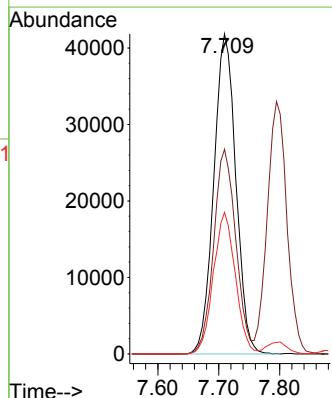
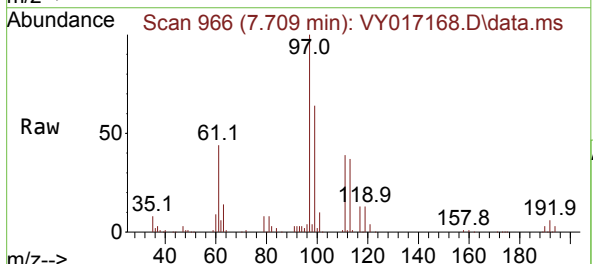
Tgt Ion: 97 Resp: 105254

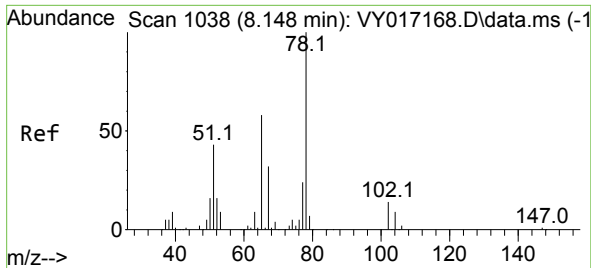
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 44.2 35.0 52.6

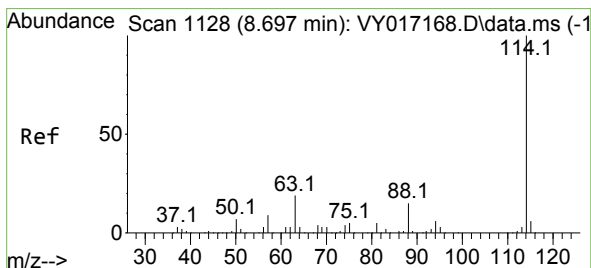
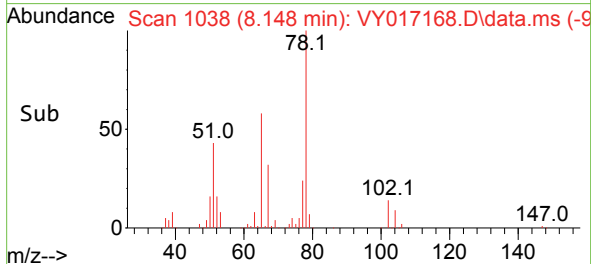
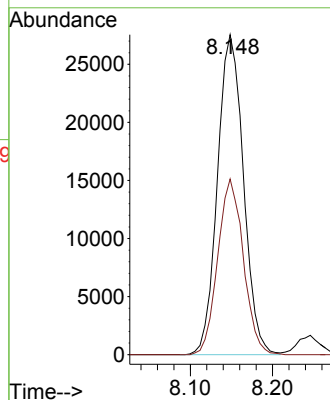
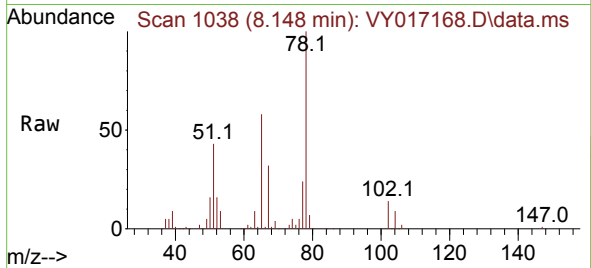




#33
1,2-Dichloroethane-d4
Concen: 51.683 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

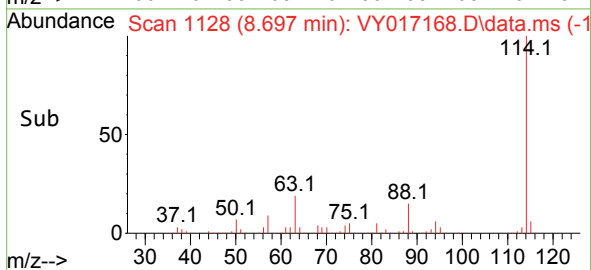
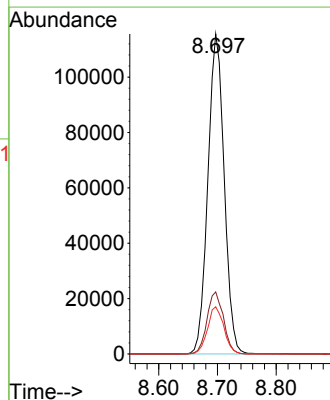
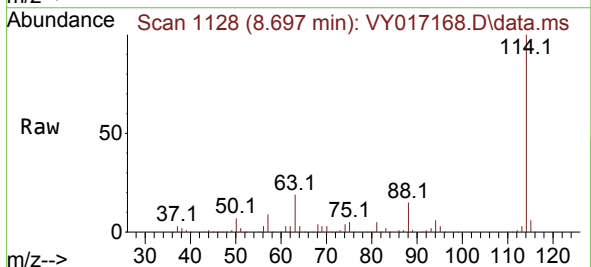
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

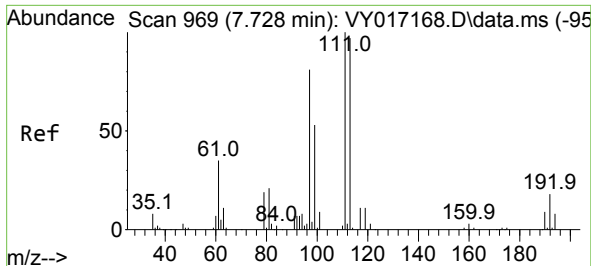
Tgt Ion: 65 Resp: 60516
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 114 Resp: 223065
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 14.8 0.0 29.0

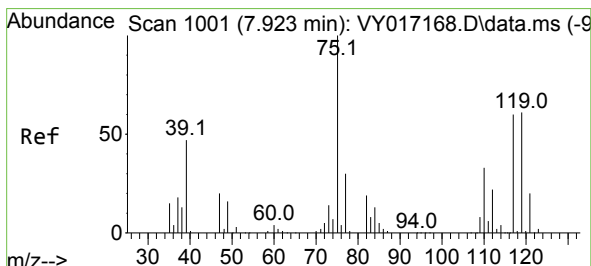
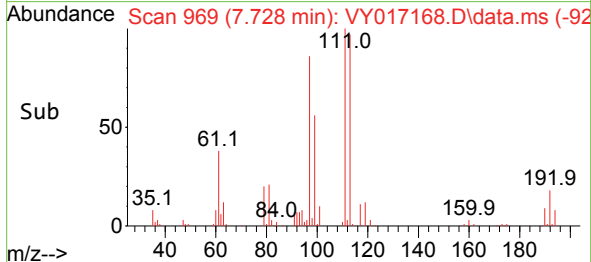
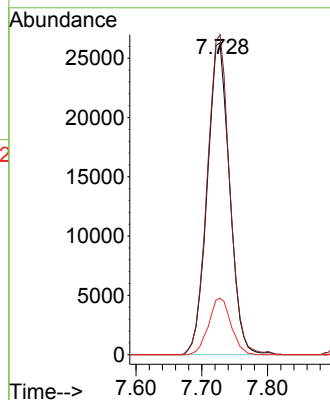
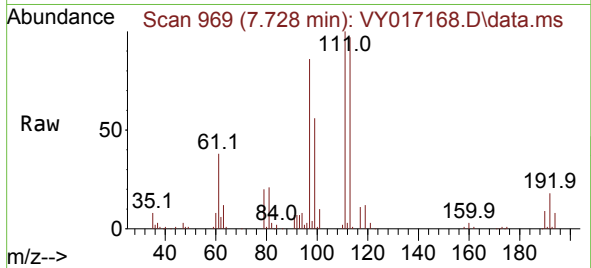




#35
Dibromofluoromethane
Concen: 51.560 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

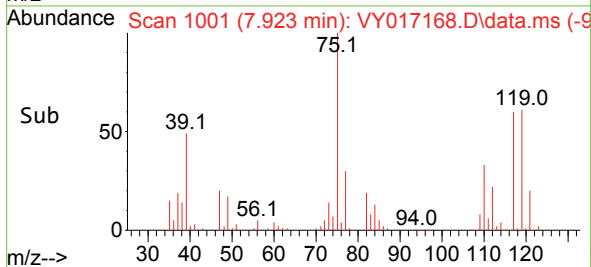
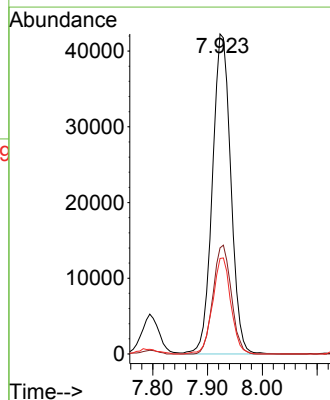
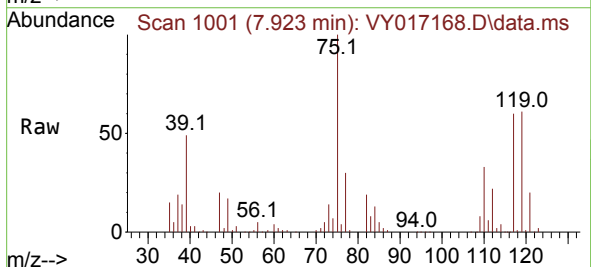
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

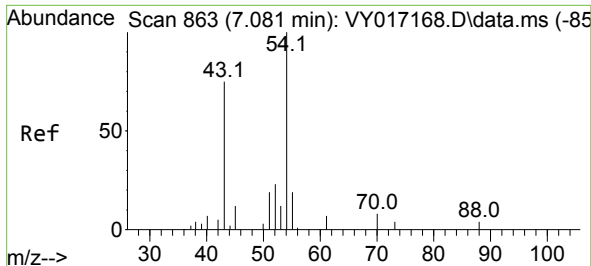
Tgt Ion:113 Resp: 62099
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 47.426 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 75 Resp: 98530
Ion Ratio Lower Upper
75 100
110 33.6 17.4 52.3
77 29.7 24.7 37.1





#37

Ethyl Acetate

Concen: 45.556 ug/l

RT: 7.081 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

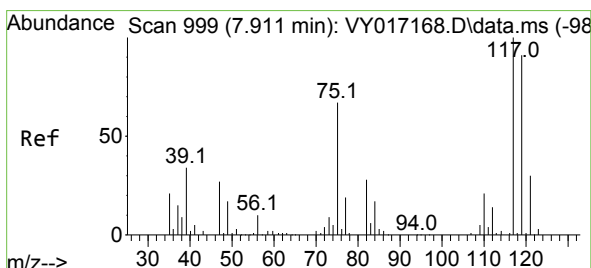
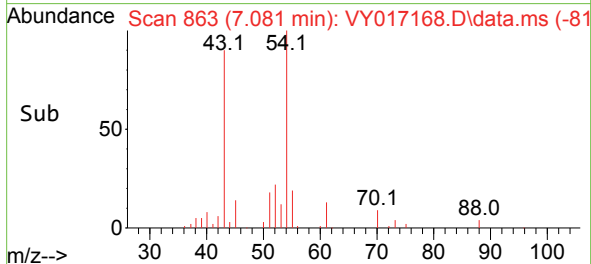
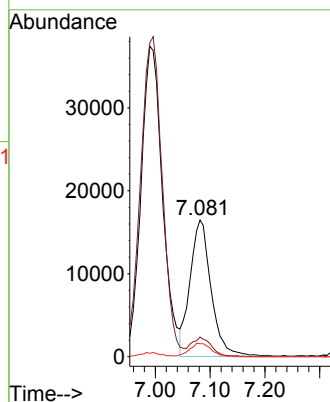
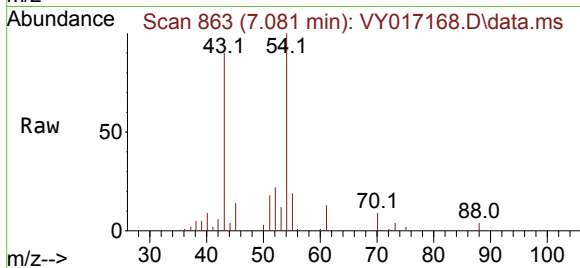
Tgt Ion: 43 Resp: 43897

Ion Ratio Lower Upper

43 100

61 14.2 11.0 16.6

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 46.538 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

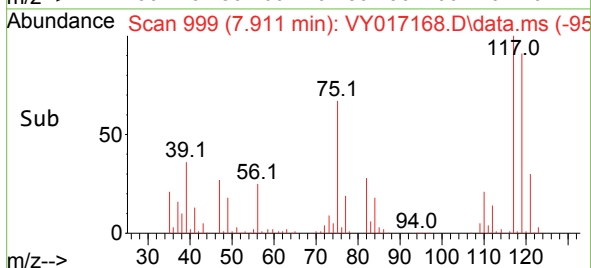
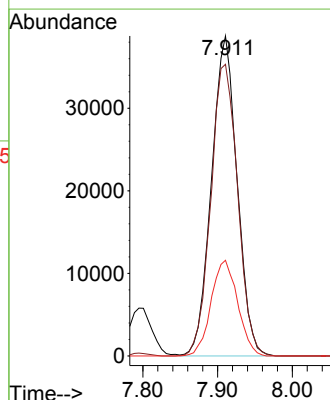
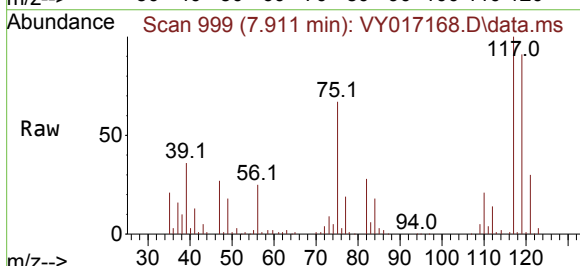
Tgt Ion: 117 Resp: 92570

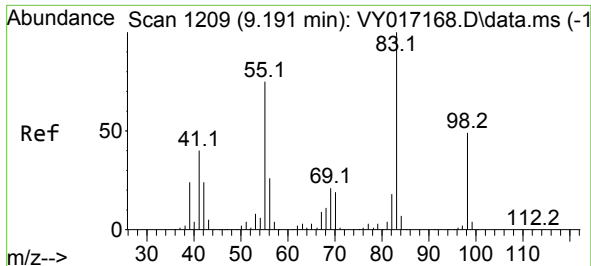
Ion Ratio Lower Upper

117 100

119 91.2 76.0 114.0

121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 47.790 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

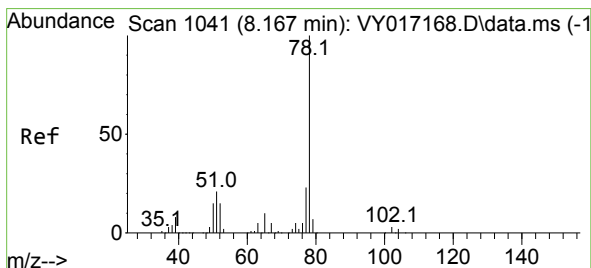
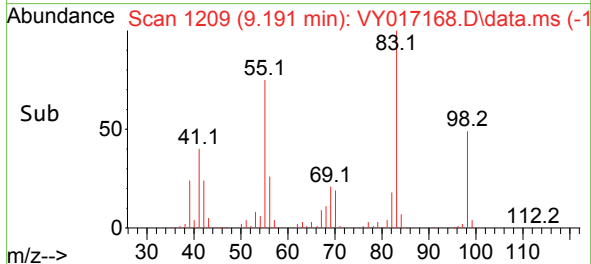
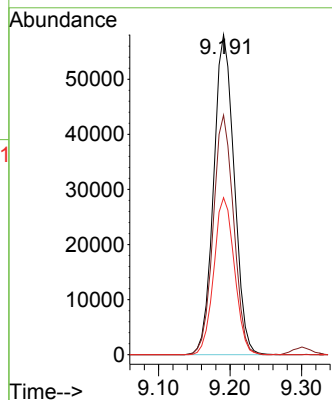
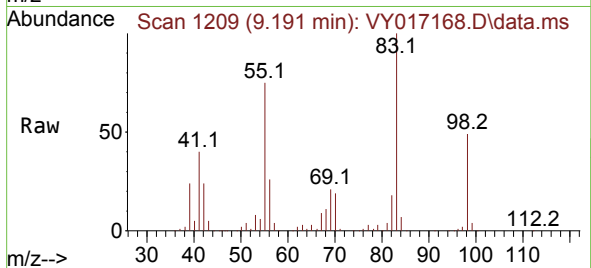
Tgt Ion: 83 Resp: 115991

Ion Ratio Lower Upper

83 100

55 74.9 59.7 89.5

98 49.0 38.0 57.0



#40

Benzene

Concen: 46.714 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017168.D

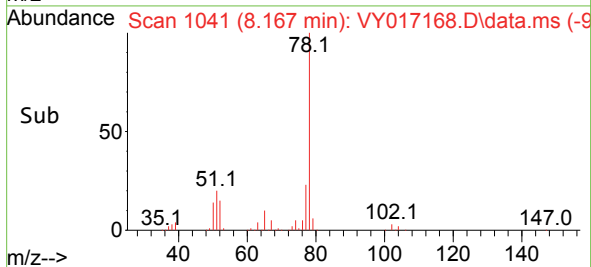
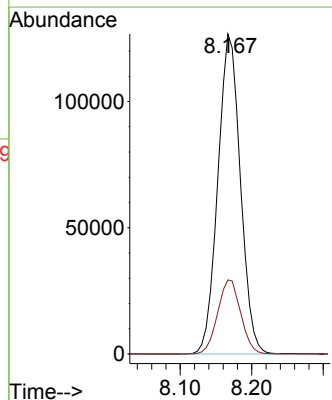
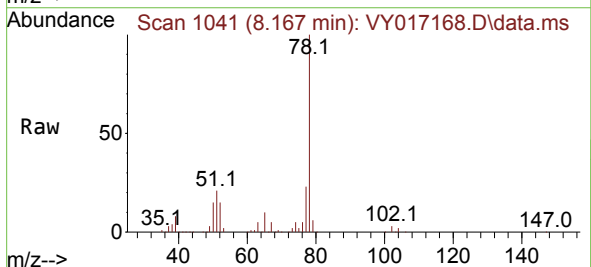
Acq: 01 Feb 2024 14:47

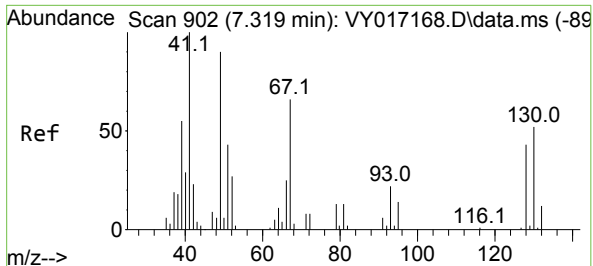
Tgt Ion: 78 Resp: 277143

Ion Ratio Lower Upper

78 100

77 23.1 18.8 28.2

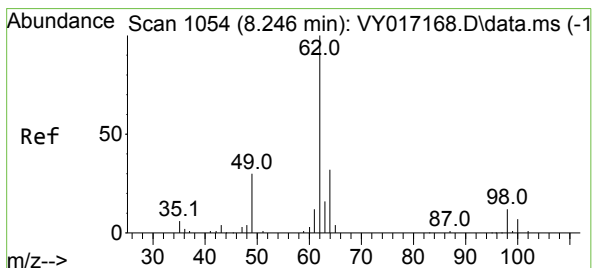
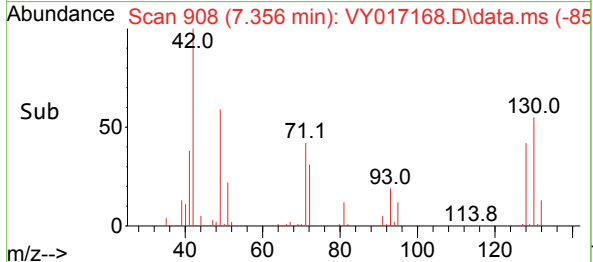
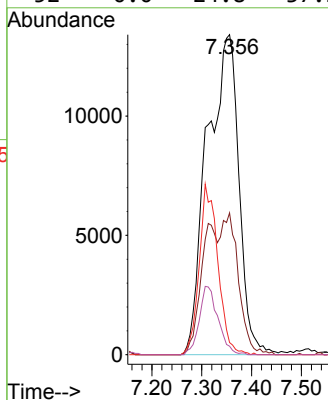
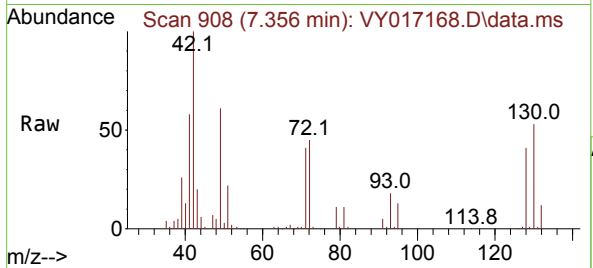




#41
Methacrylonitrile
Concen: 129.470 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

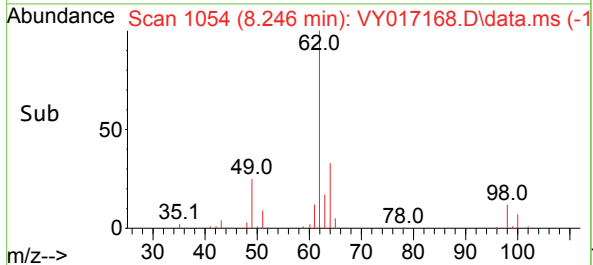
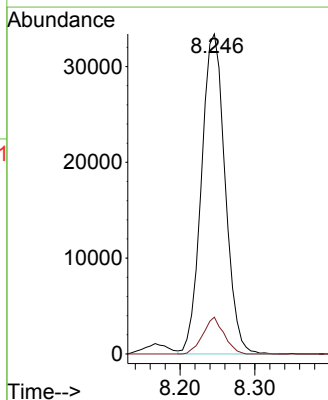
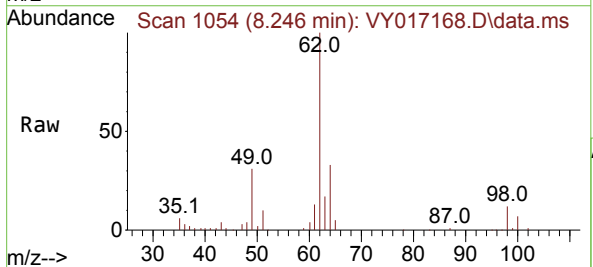
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

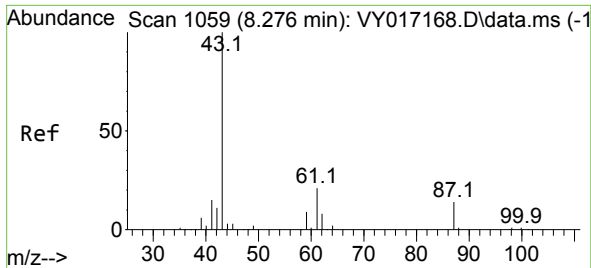
Tgt Ion: 41 Resp: 59108
Ion Ratio Lower Upper
41 100
39 0.0 41.9 62.9#
67 0.0 59.8 89.6#
52 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 46.833 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 62 Resp: 73566
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2

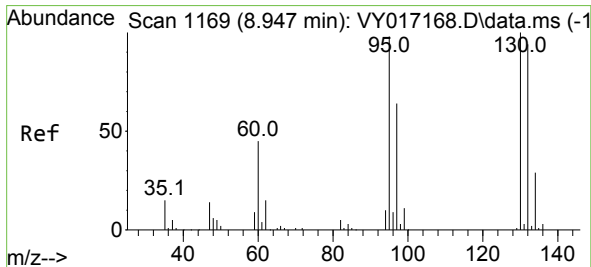
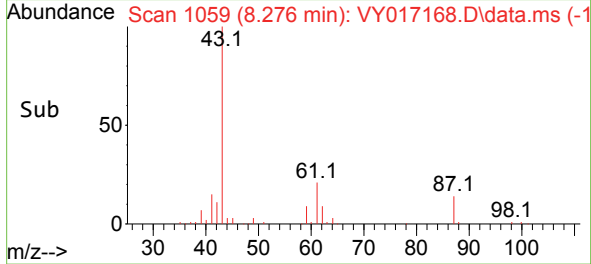
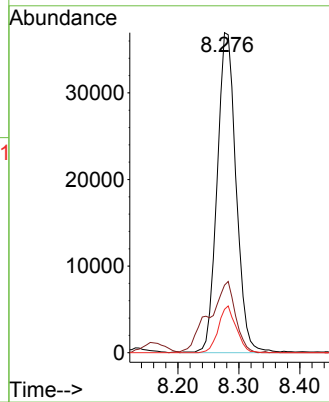
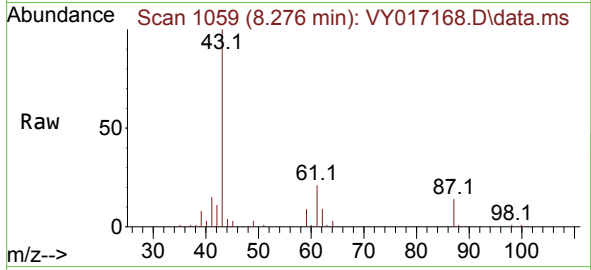




#43
Isopropyl Acetate
Concen: 46.836 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

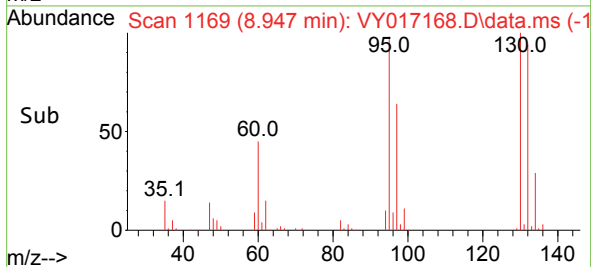
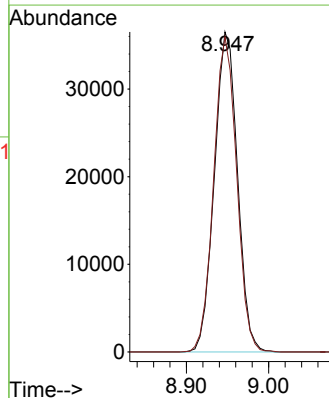
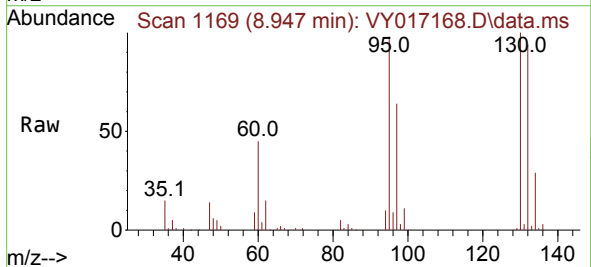
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

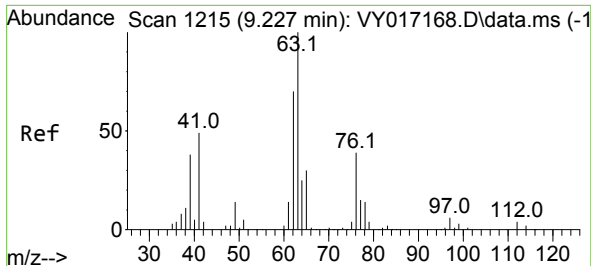
Tgt Ion: 43 Resp: 79890
Ion Ratio Lower Upper
43 100
61 30.9 24.8 37.2
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 47.371 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 130 Resp: 71340
Ion Ratio Lower Upper
130 100
95 98.4 0.0 203.8

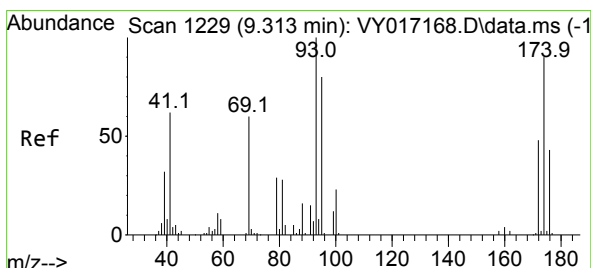
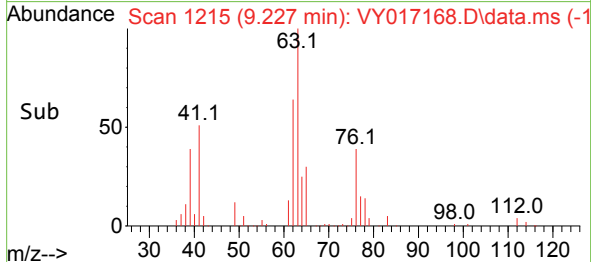
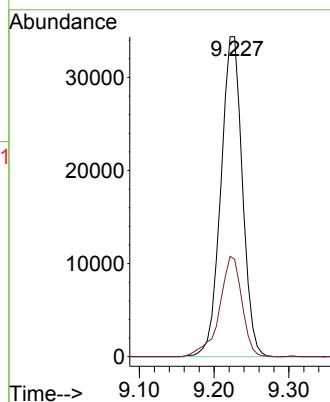
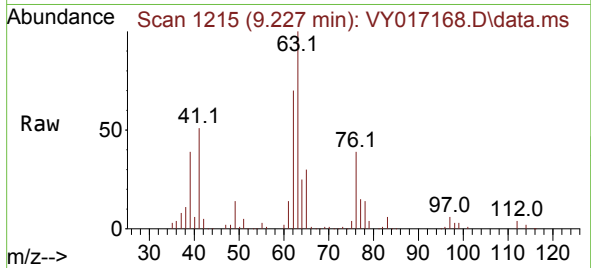




#45
1,2-Dichloropropane
Concen: 47.188 ug/l
RT: 9.227 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

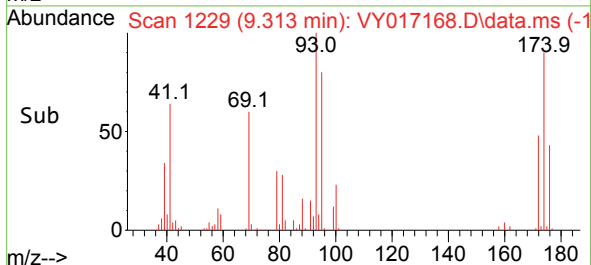
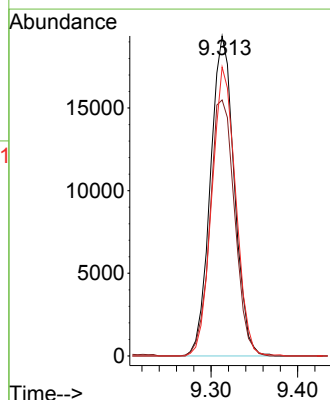
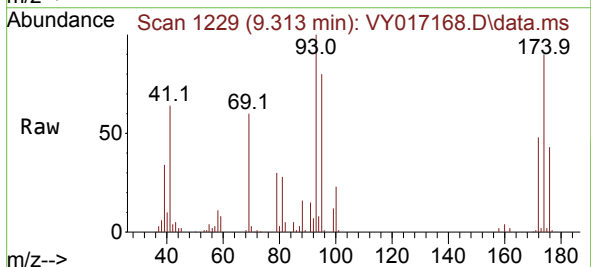
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

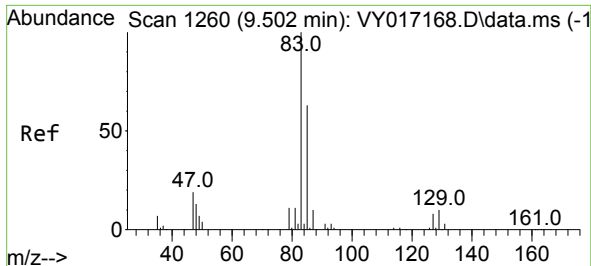
Tgt Ion: 63 Resp: 68765
Ion Ratio Lower Upper
63 100
65 30.4 24.6 36.8



#46
Dibromomethane
Concen: 47.114 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 93 Resp: 37087
Ion Ratio Lower Upper
93 100
95 82.9 66.6 99.8
174 89.8 73.8 110.6

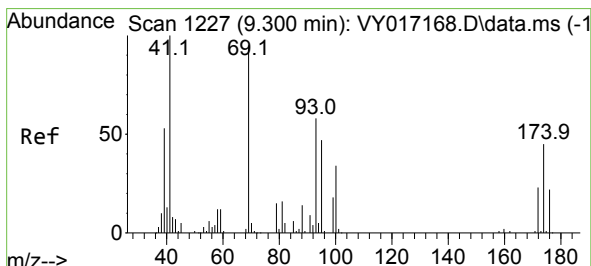
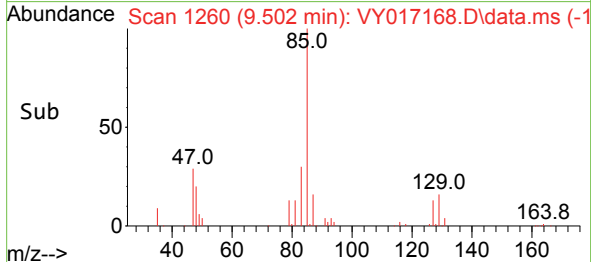
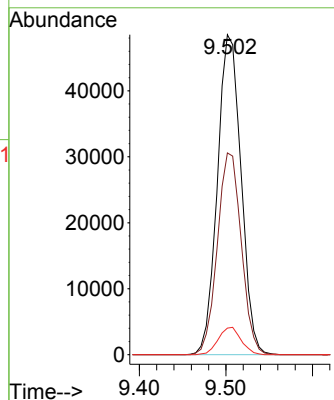
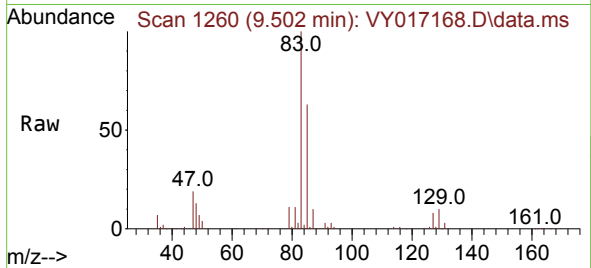




#47
Bromodichloromethane
Concen: 46.768 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

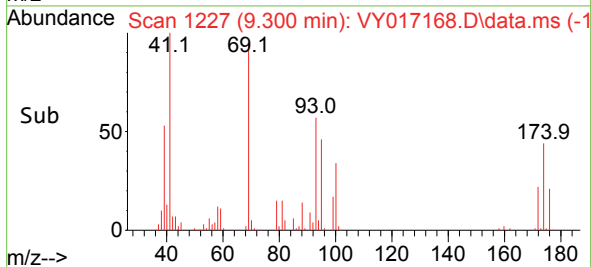
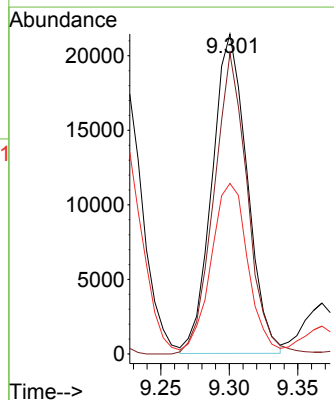
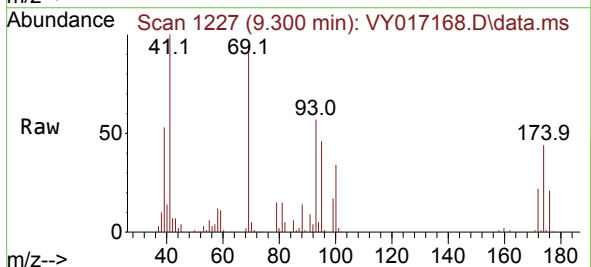
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

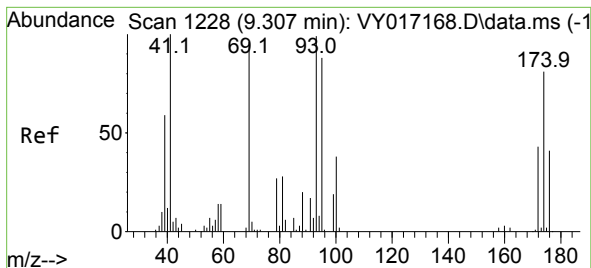
Tgt Ion: 83 Resp: 92134
Ion Ratio Lower Upper
83 100
85 63.0 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 47.720 ug/l
RT: 9.300 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 41 Resp: 38180
Ion Ratio Lower Upper
41 100
69 90.0 72.1 108.1
39 53.7 42.8 64.2





#49

1,4-Dioxane

Concen: 957.513 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

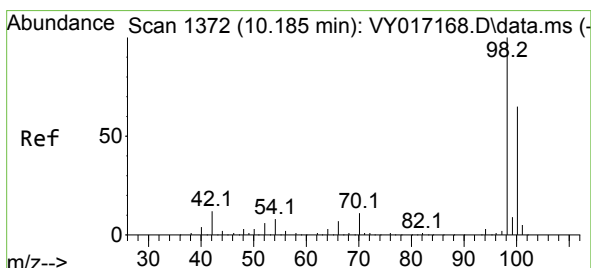
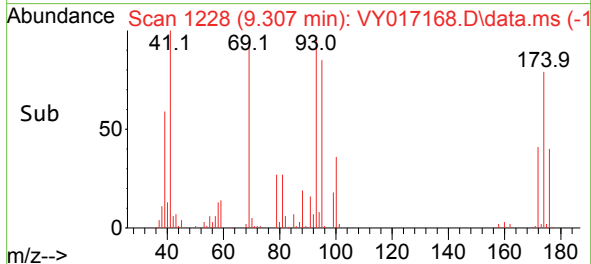
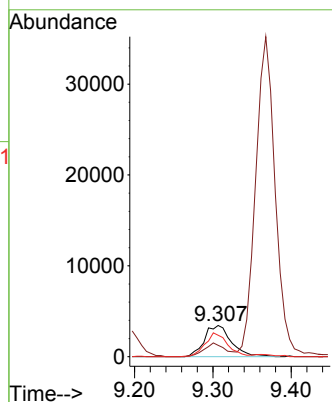
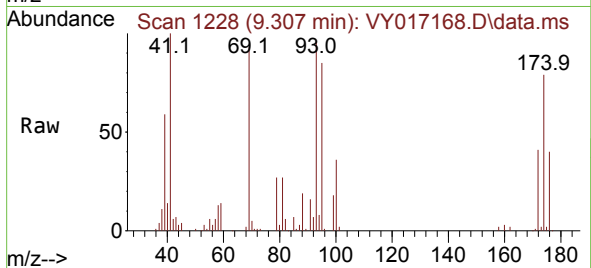
Tgt Ion: 88 Resp: 8204

Ion Ratio Lower Upper

88 100

43 35.8 28.2 42.4

58 64.5 52.2 78.2



#50

Toluene-d8

Concen: 53.087 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017168.D

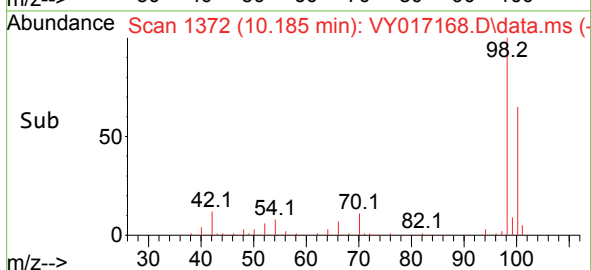
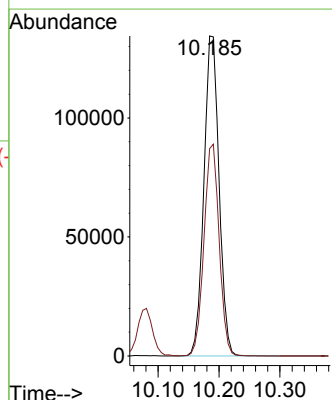
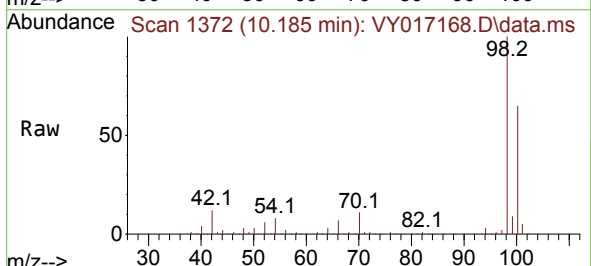
Acq: 01 Feb 2024 14:47

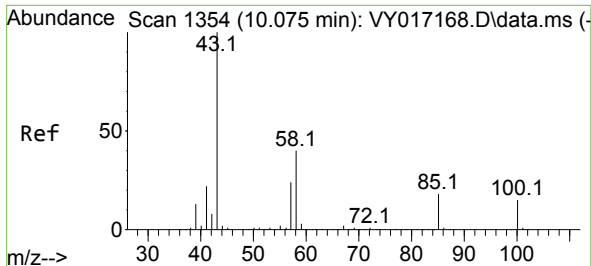
Tgt Ion: 98 Resp: 232794

Ion Ratio Lower Upper

98 100

100 66.2 52.3 78.5

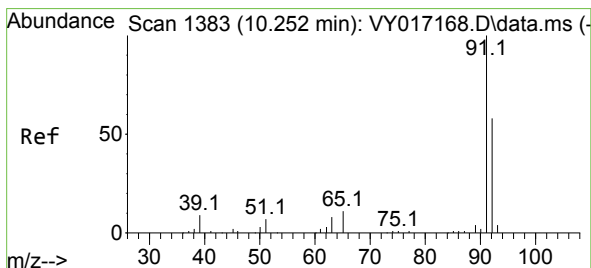
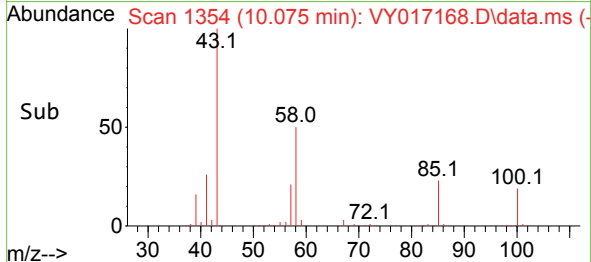
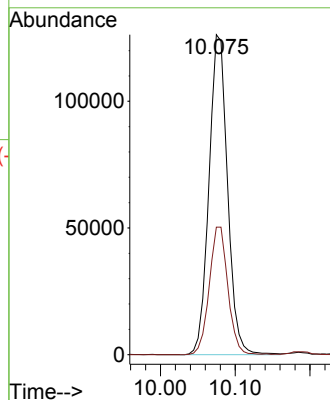
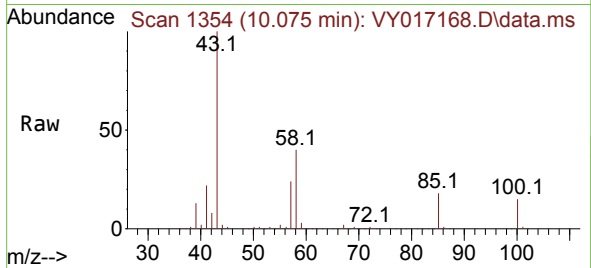




#51
4-Methyl-2-Pentanone
Concen: 238.311 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

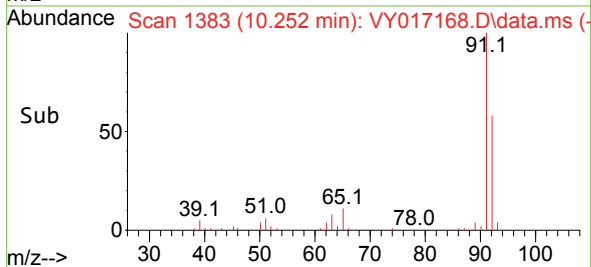
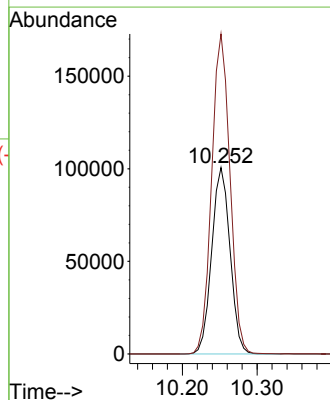
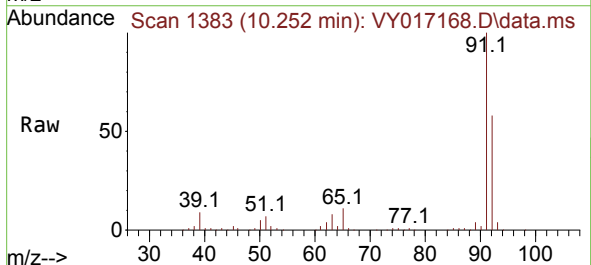
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

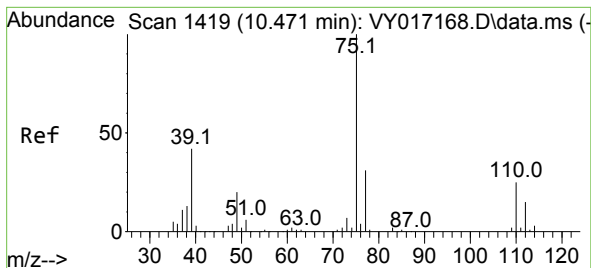
Tgt Ion: 43 Resp: 217901
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.2



#52
Toluene
Concen: 47.908 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 92 Resp: 171561
Ion Ratio Lower Upper
92 100
91 171.7 137.6 206.4

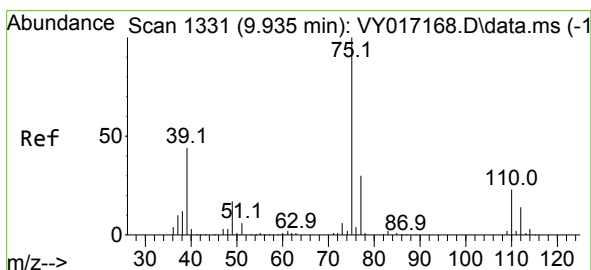
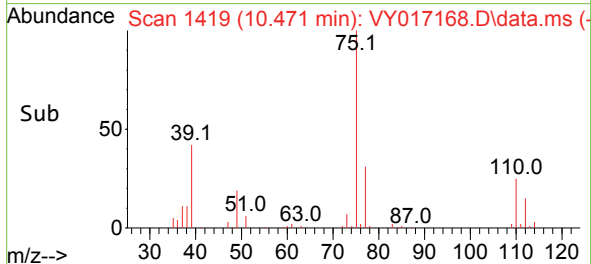
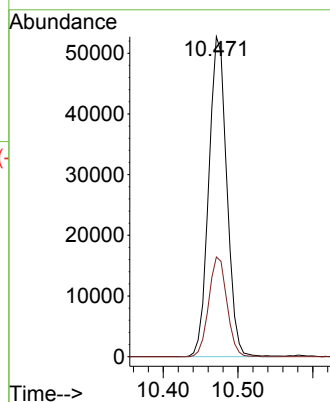
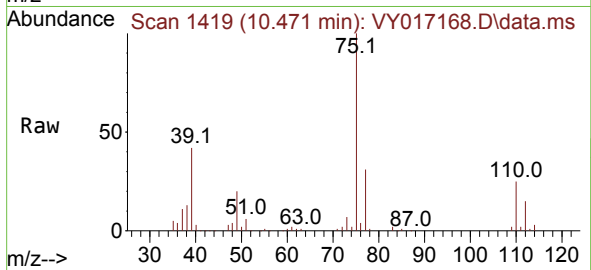




#53
t-1,3-Dichloropropene
Concen: 47.711 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

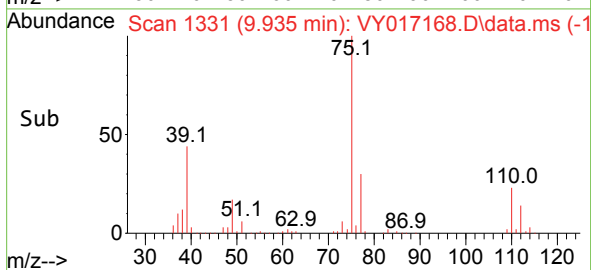
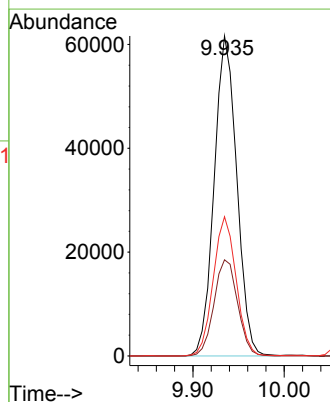
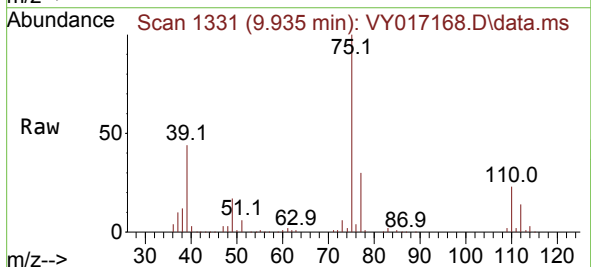
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

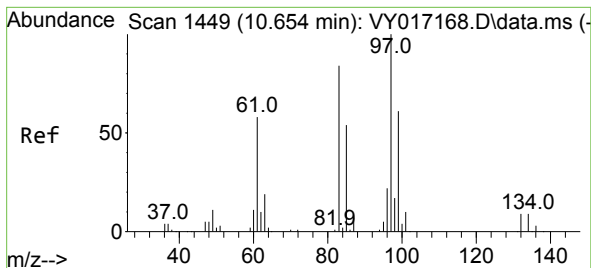
Tgt Ion: 75 Resp: 88287
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 47.800 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 75 Resp: 105946
Ion Ratio Lower Upper
75 100
77 30.0 24.6 36.8
39 43.5 33.6 50.4

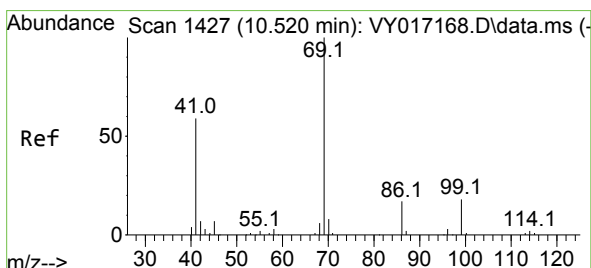
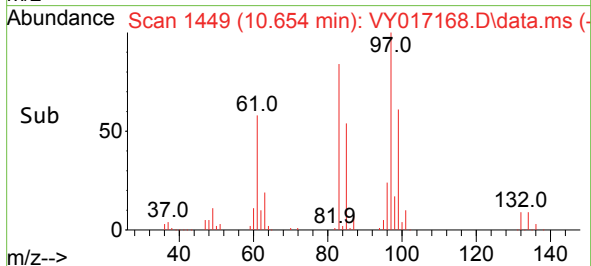
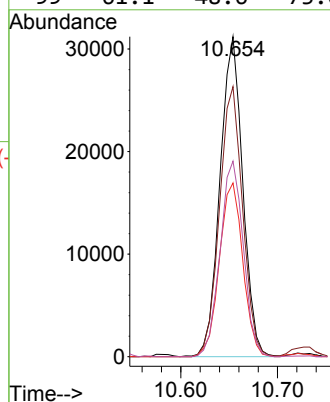
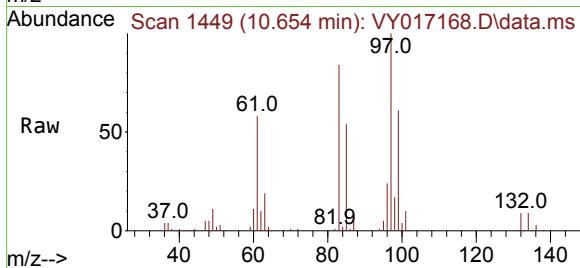




#55
1,1,2-Trichloroethane
Concen: 47.523 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

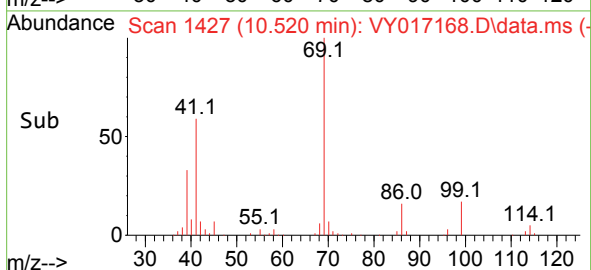
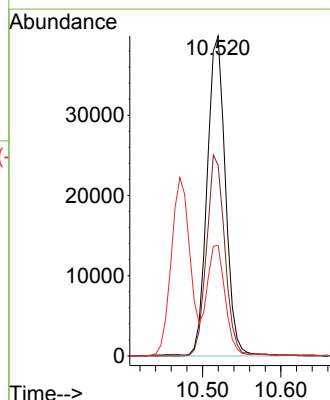
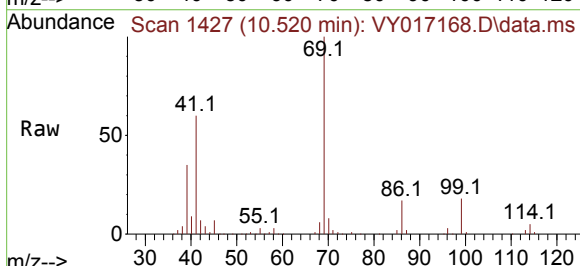
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

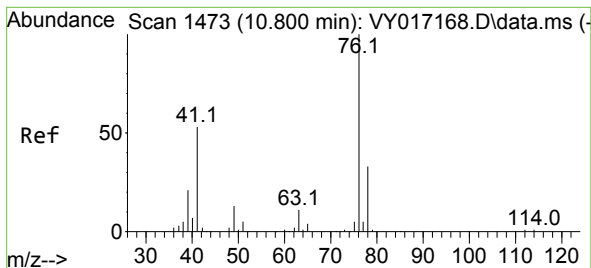
Tgt Ion:	97	Resp:	50897
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.4	104.2
85	54.3	43.9	65.9
99	61.1	48.6	73.0



#56
Ethyl methacrylate
Concen: 45.236 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion:	69	Resp:	64745
Ion	Ratio	Lower	Upper
69	100		
41	61.7	49.2	73.8
39	33.6	26.8	40.2





#57

1,3-Dichloropropane

Concen: 47.572 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

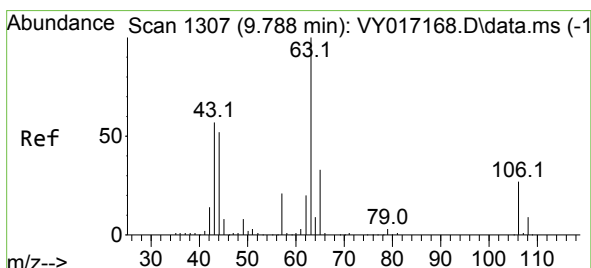
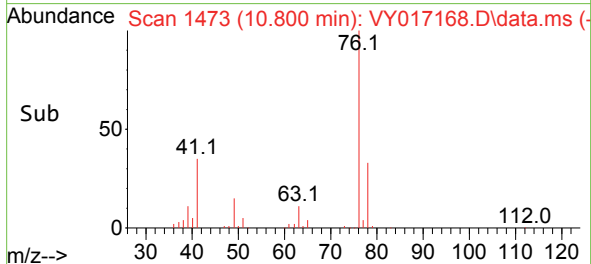
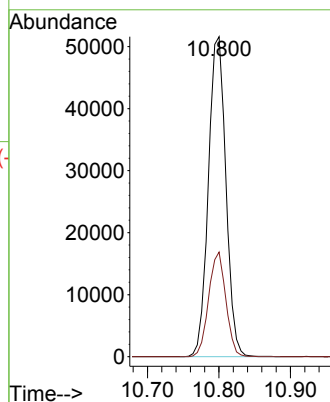
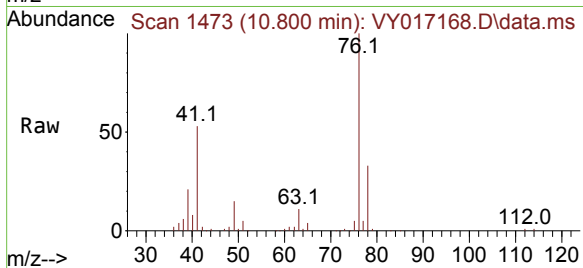
VSTDICCC050

Tgt Ion: 76 Resp: 87633

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 254.294 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017168.D

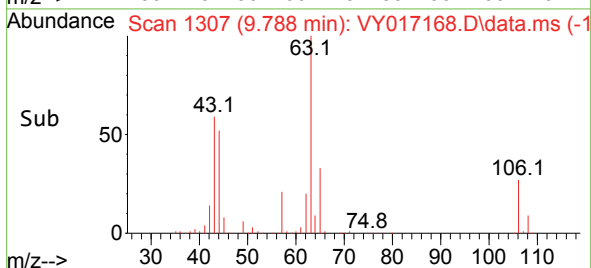
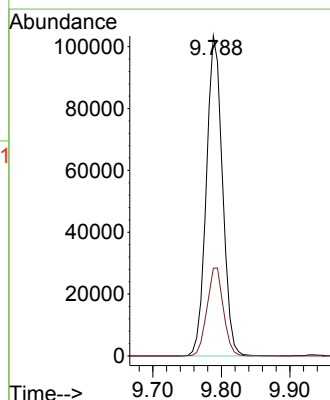
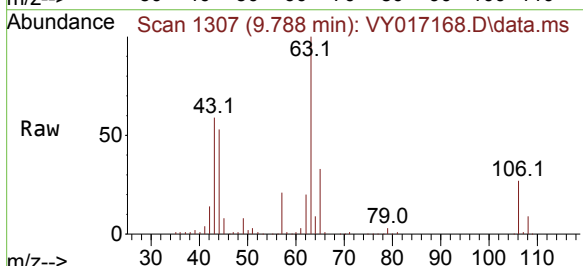
Acq: 01 Feb 2024 14:47

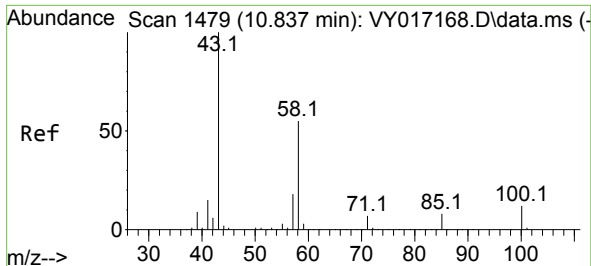
Tgt Ion: 63 Resp: 169670

Ion Ratio Lower Upper

63 100

106 27.9 22.4 33.6

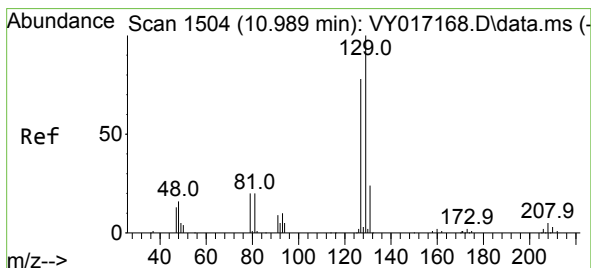
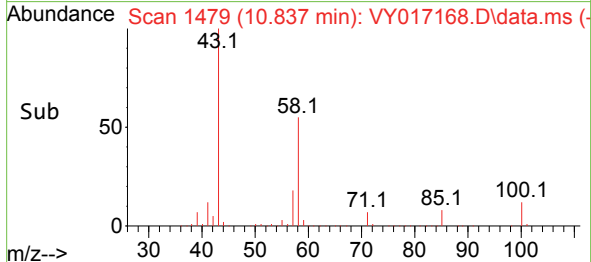
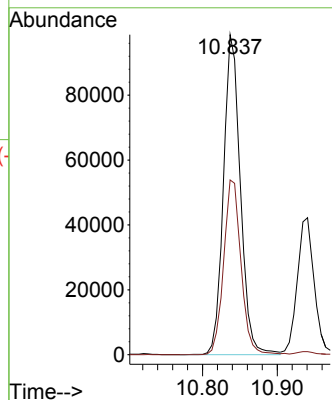
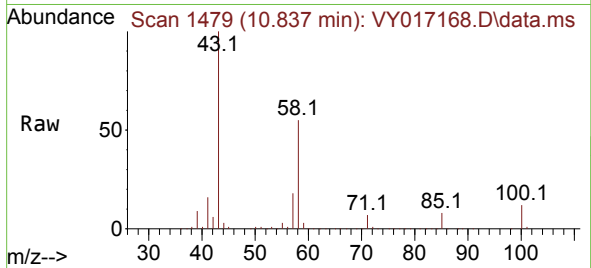




#59
2-Hexanone
Concen: 235.443 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

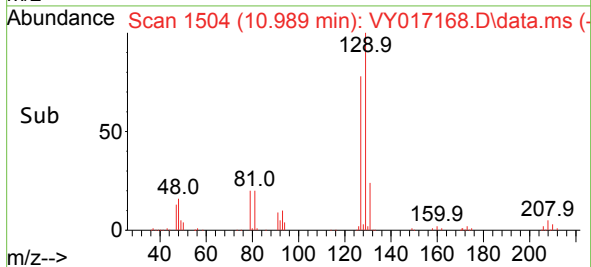
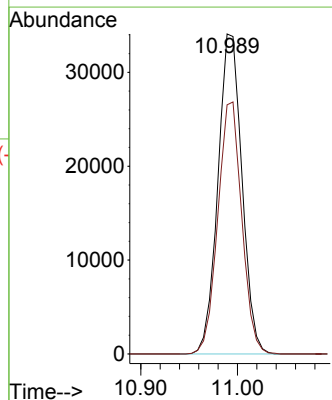
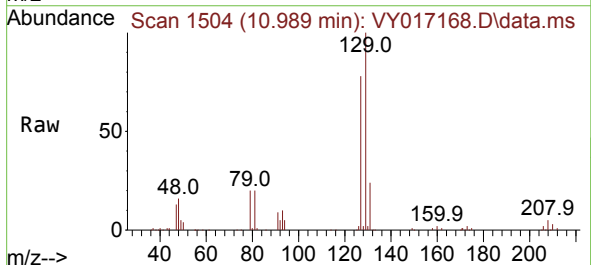
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

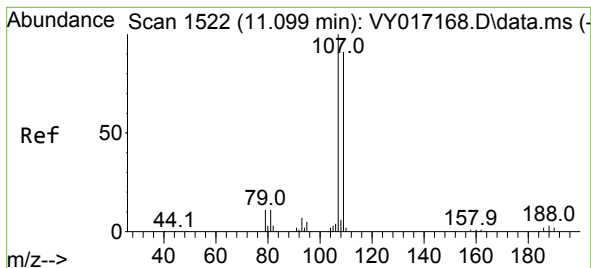
Tgt Ion: 43 Resp: 155669
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 46.752 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 129 Resp: 58741
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6

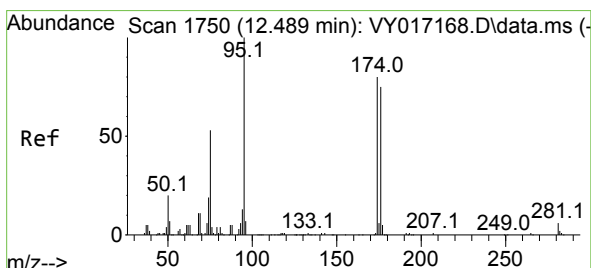
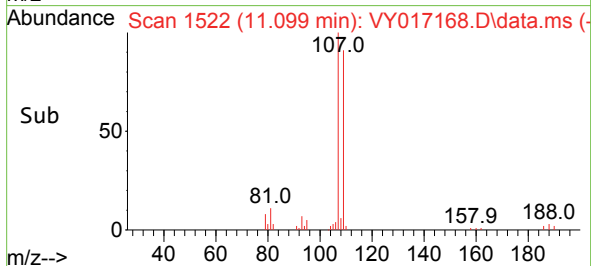
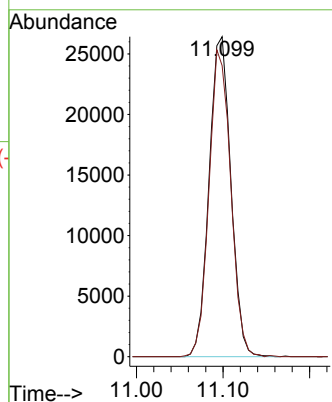
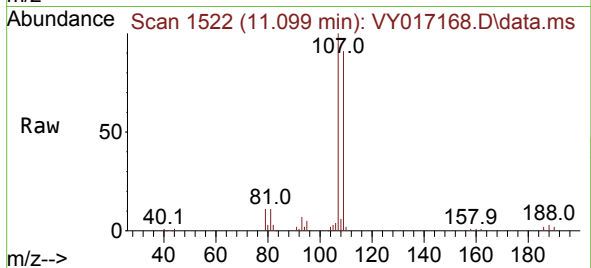




#61
1,2-Dibromoethane
Concen: 46.308 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

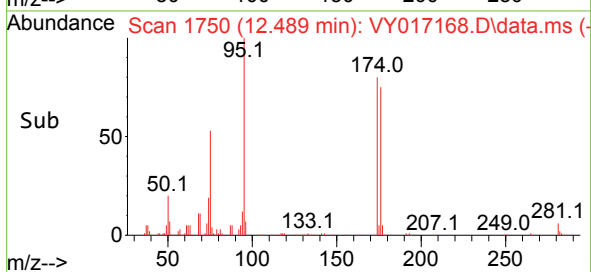
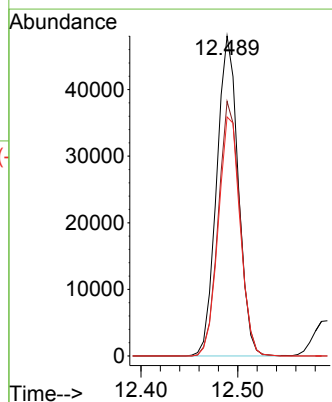
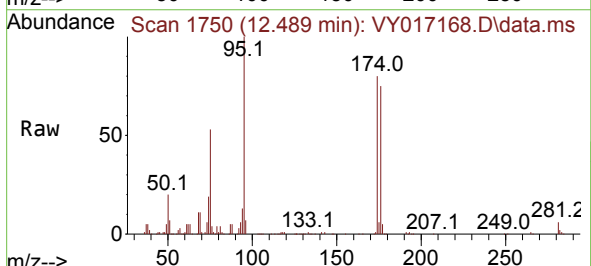
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

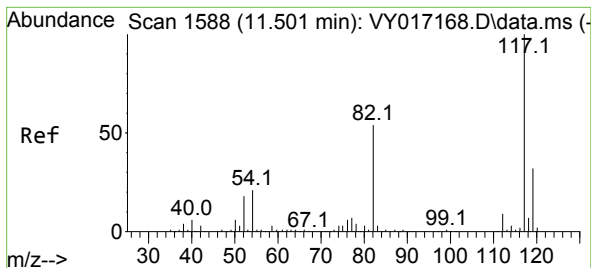
Tgt Ion:107 Resp: 46126
Ion Ratio Lower Upper
107 100
109 95.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.817 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 95 Resp: 74435
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 75.8 0.0 151.8

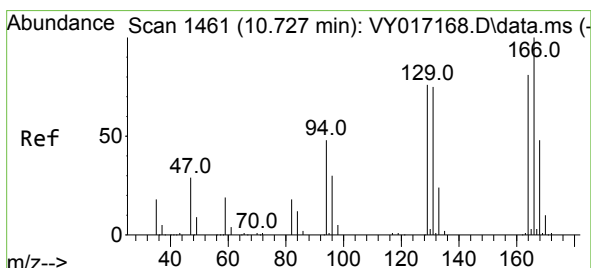
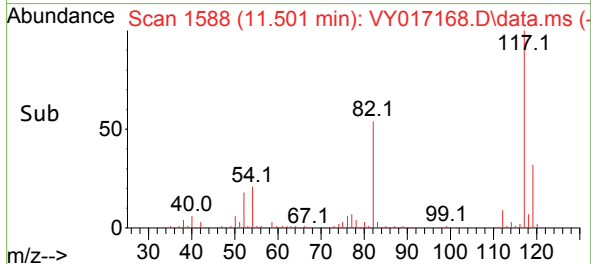
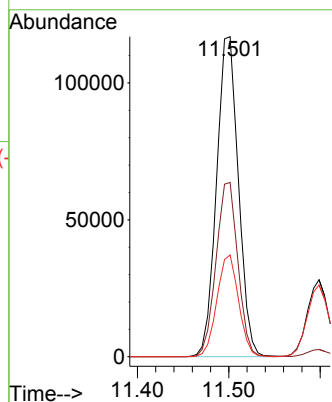
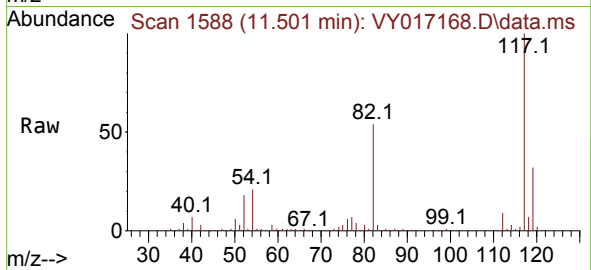




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

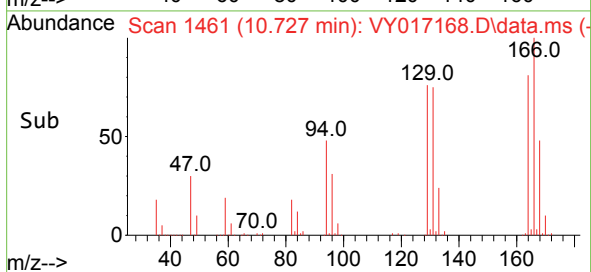
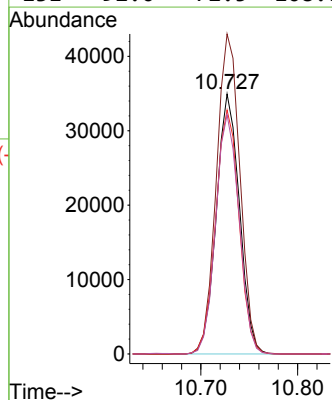
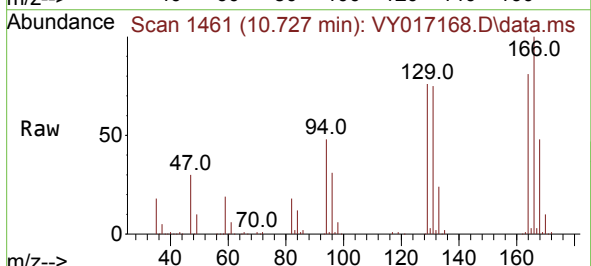
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

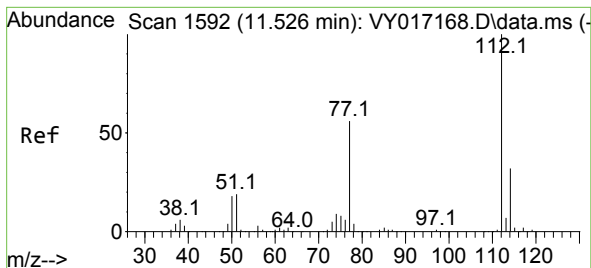
Tgt Ion:117 Resp: 194506
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 45.788 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion:164 Resp: 57840
Ion Ratio Lower Upper
164 100
166 123.1 98.8 148.2
129 93.8 78.9 118.3
131 92.0 72.5 108.7

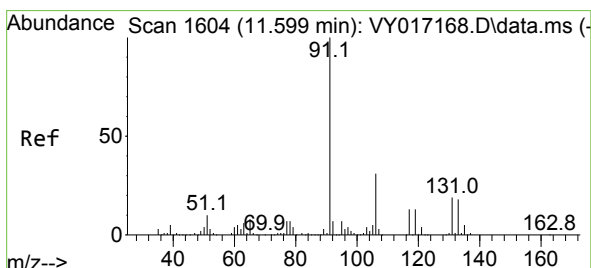
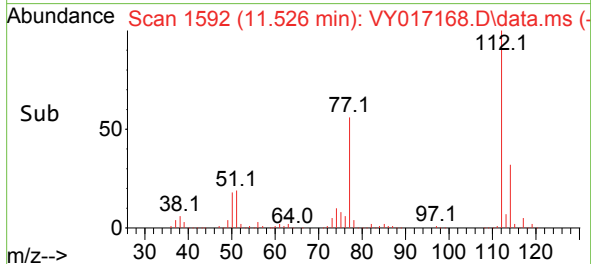
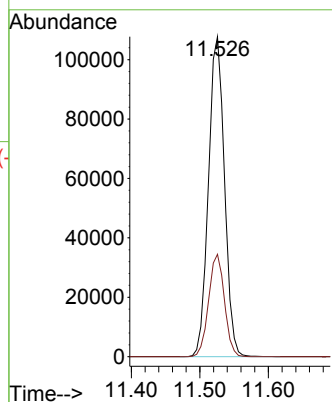
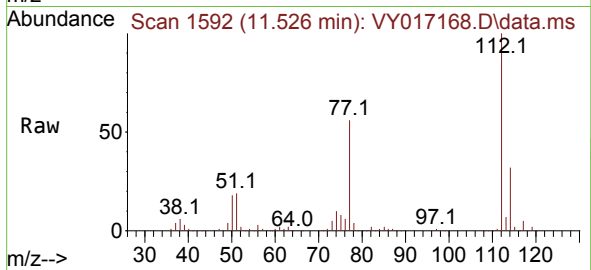




#65
Chlorobenzene
Concen: 46.718 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

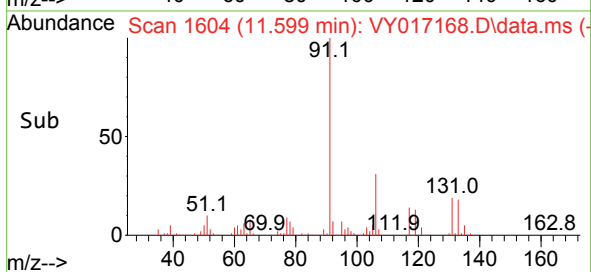
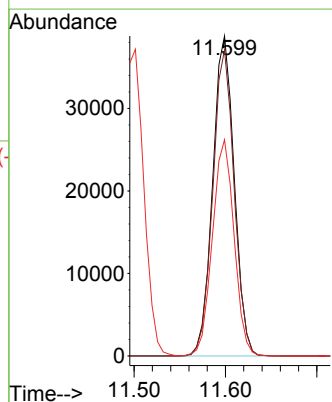
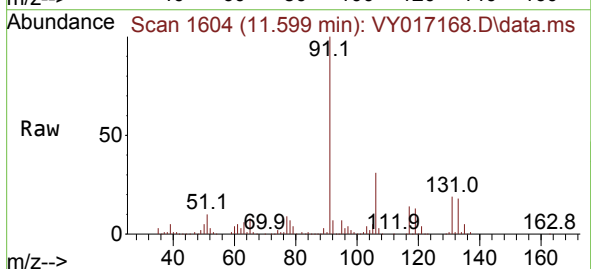
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

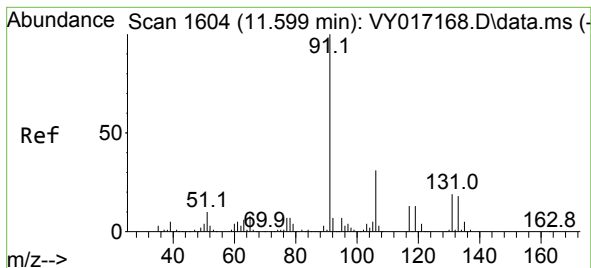
Tgt Ion:112 Resp: 175293
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 46.547 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion:131 Resp: 63470
Ion Ratio Lower Upper
131 100
133 94.9 47.0 141.0
119 67.9 33.3 99.9





#67

Ethyl Benzene

Concen: 47.854 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

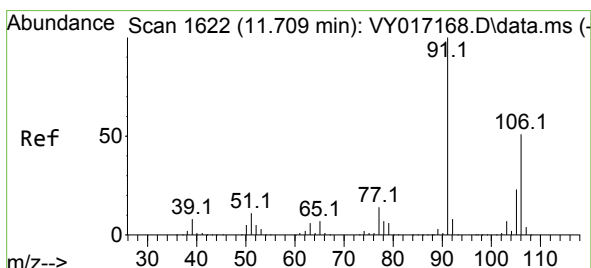
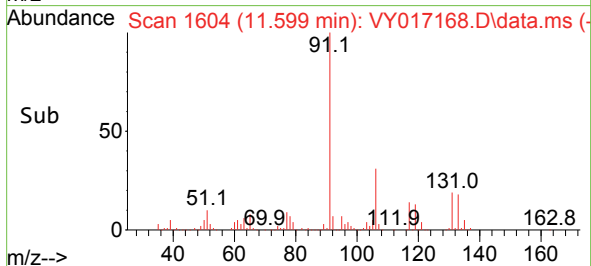
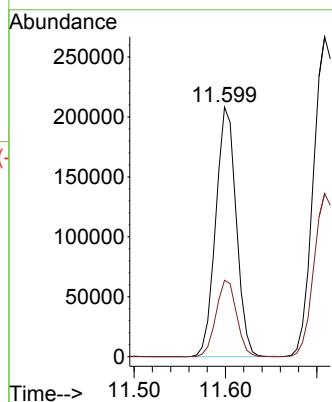
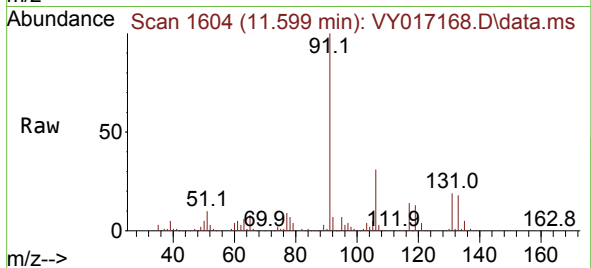
VSTDICCC050

Tgt Ion: 91 Resp: 324514

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 95.640 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017168.D

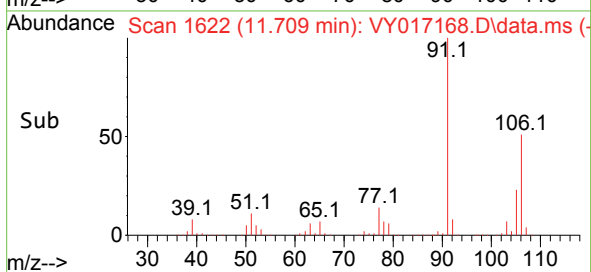
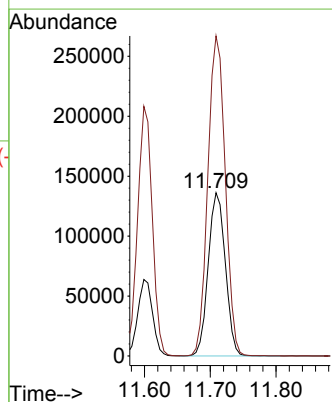
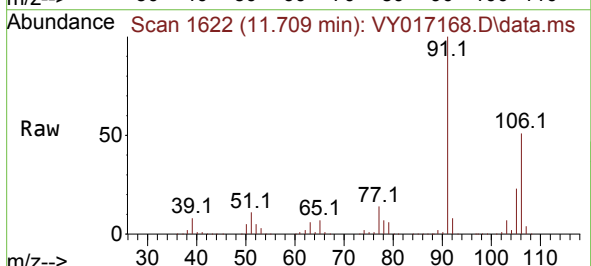
Acq: 01 Feb 2024 14:47

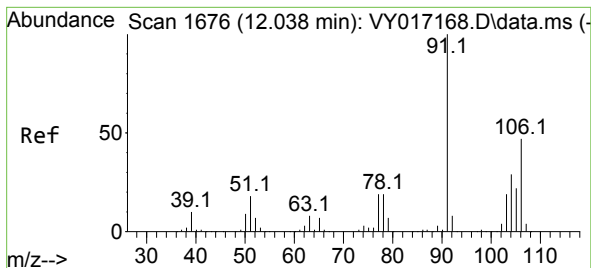
Tgt Ion: 106 Resp: 246127

Ion Ratio Lower Upper

106 100

91 199.9 160.7 241.1





#69

o-Xylene

Concen: 48.221 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

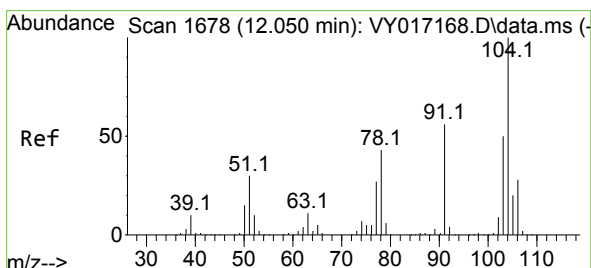
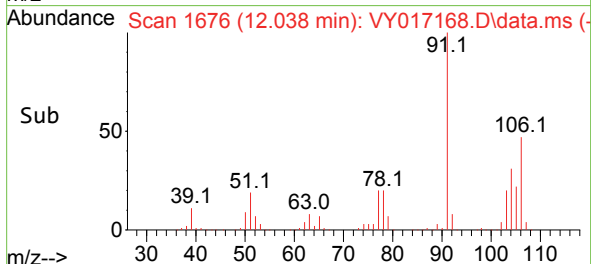
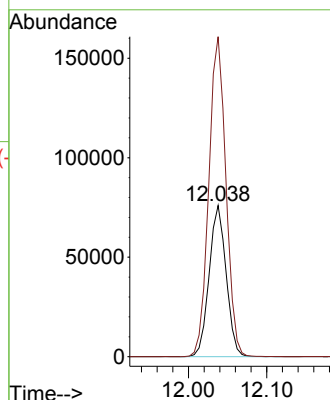
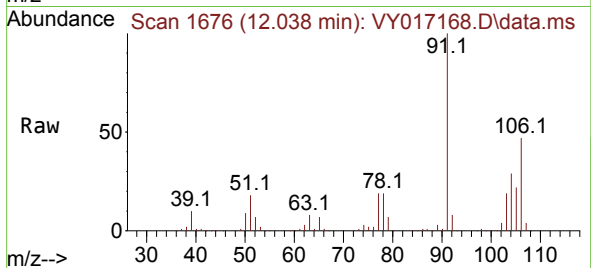
VSTDICCC050

Tgt Ion:106 Resp: 114277

Ion Ratio Lower Upper

106 100

91 213.6 106.5 319.5



#70

Styrene

Concen: 49.139 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

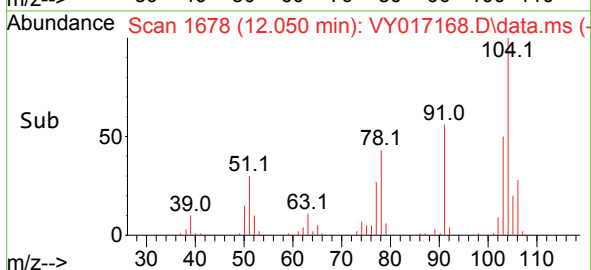
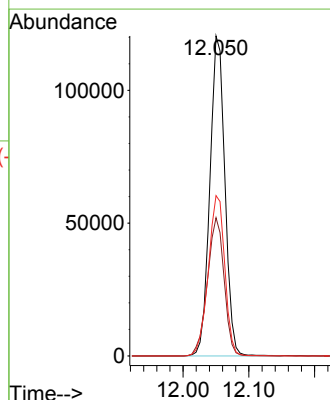
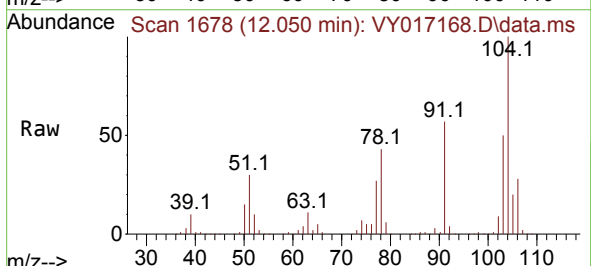
Tgt Ion:104 Resp: 191873

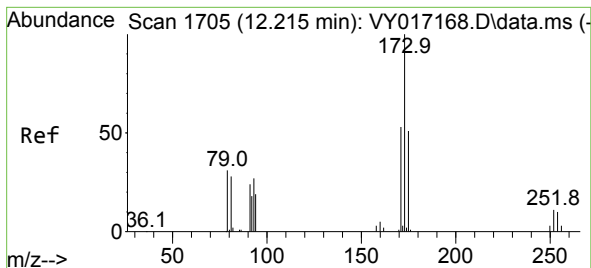
Ion Ratio Lower Upper

104 100

78 47.9 39.2 58.8

103 55.1 43.8 65.6





#71

Bromoform

Concen: 46.543 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

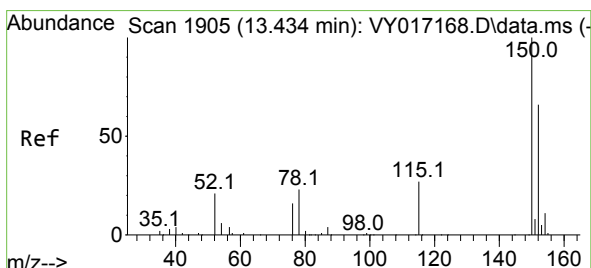
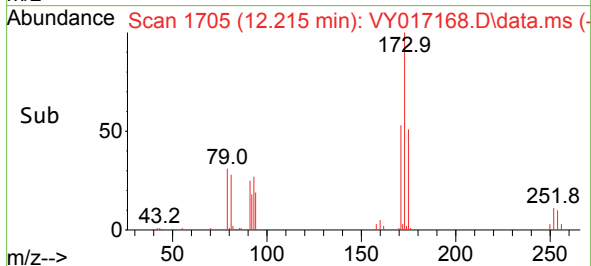
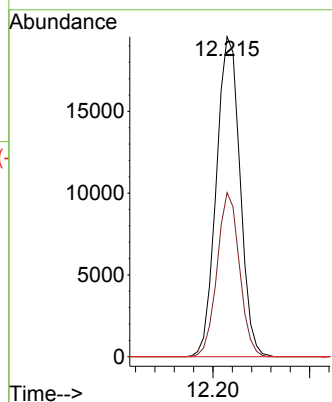
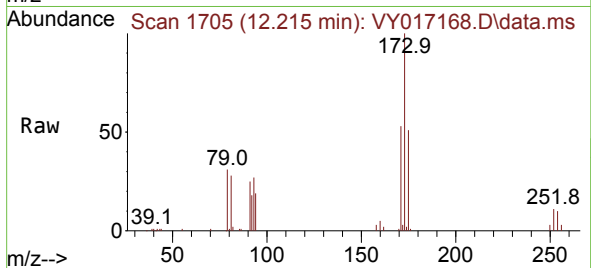
Tgt Ion:173 Resp: 33237

Ion Ratio Lower Upper

173 100

175 48.4 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: VY017168.D

Acq: 01 Feb 2024 14:47

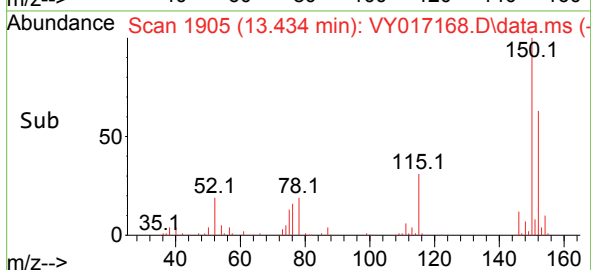
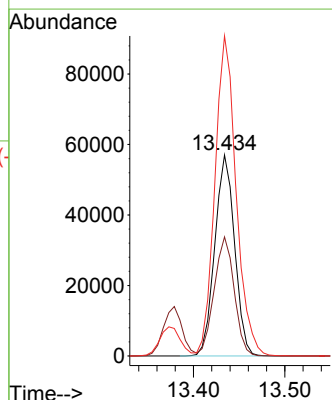
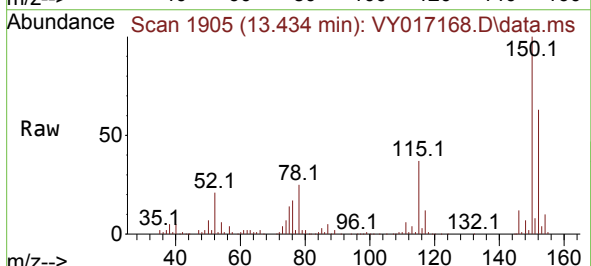
Tgt Ion:152 Resp: 85840

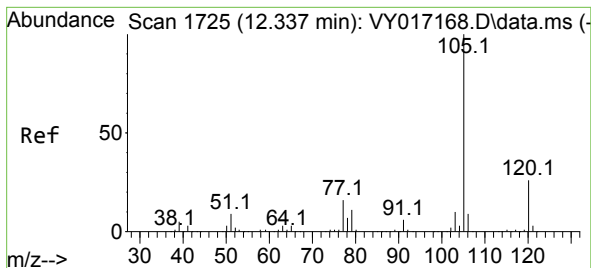
Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 171.1 0.0 344.6





#73

Isopropylbenzene

Concen: 48.096 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

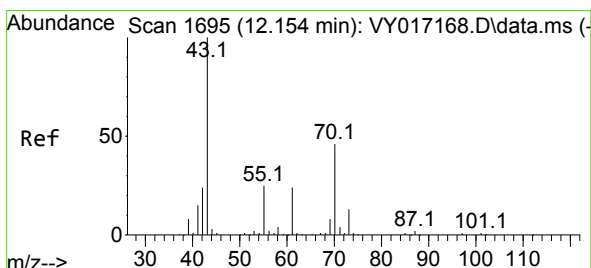
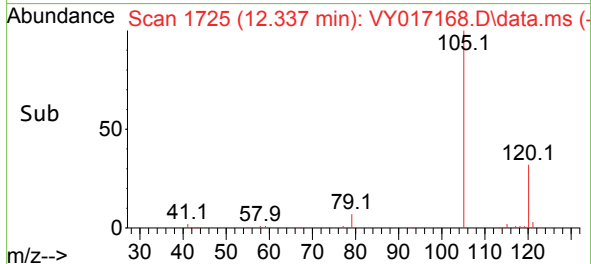
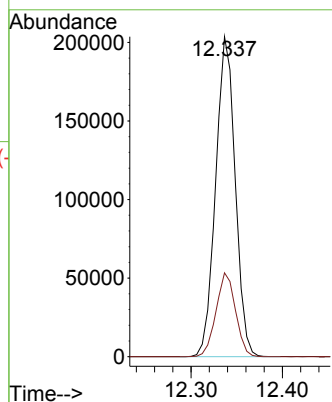
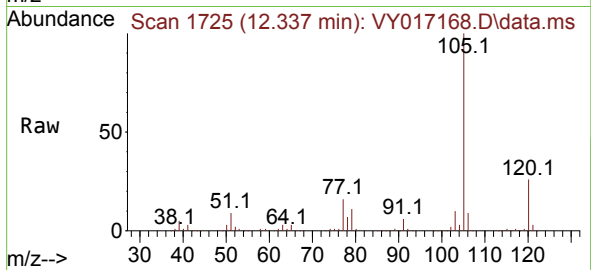
VSTDICCC050

Tgt Ion:105 Resp: 303296

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 48.259 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Tgt Ion: 43 Resp: 68381

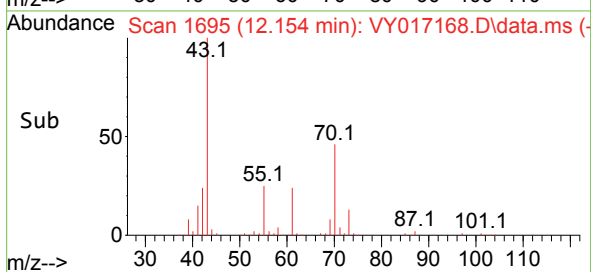
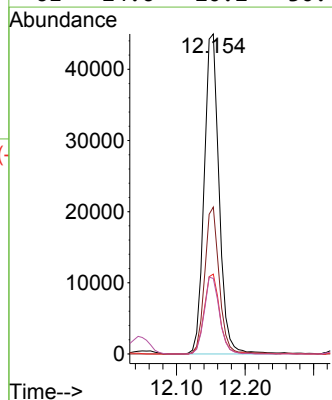
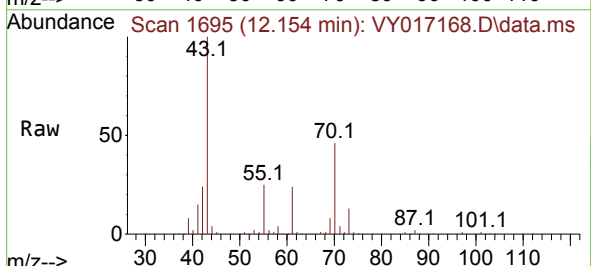
Ion Ratio Lower Upper

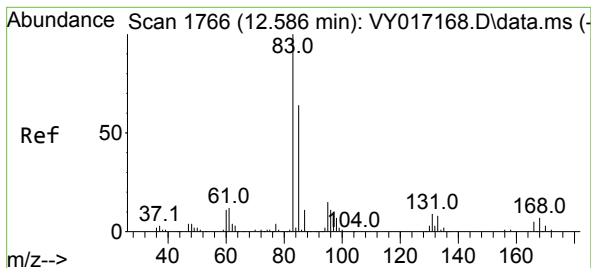
43 100

70 44.8 36.6 55.0

55 26.1 22.2 33.4

61 24.6 20.2 30.4

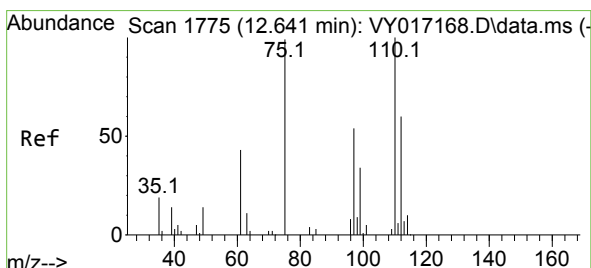
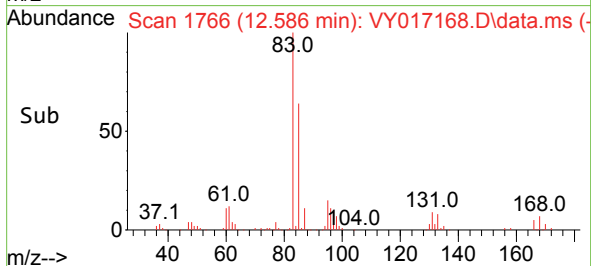
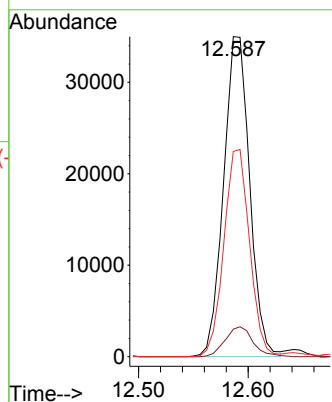
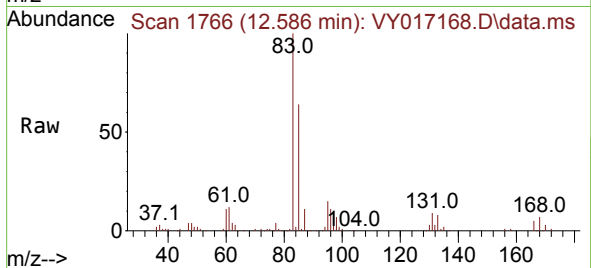




#75
1,1,2,2-Tetrachloroethane
Concen: 46.650 ug/l
RT: 12.586 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

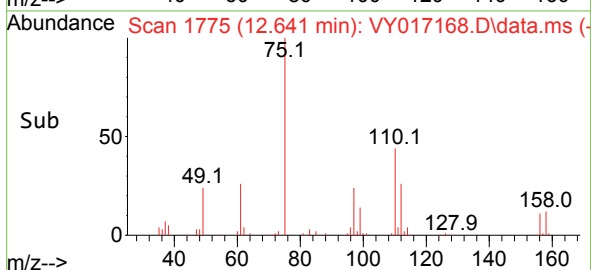
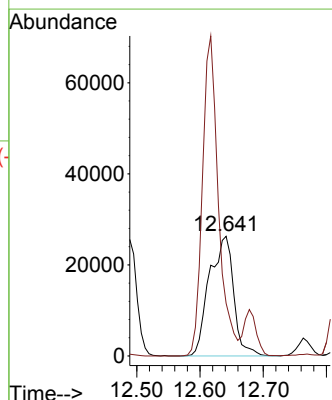
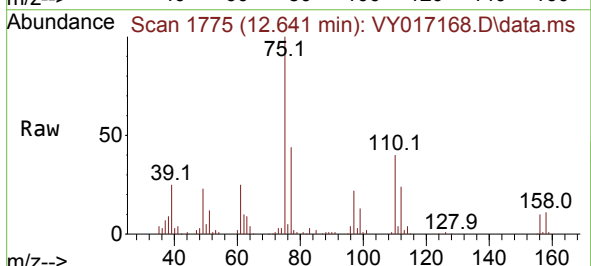
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

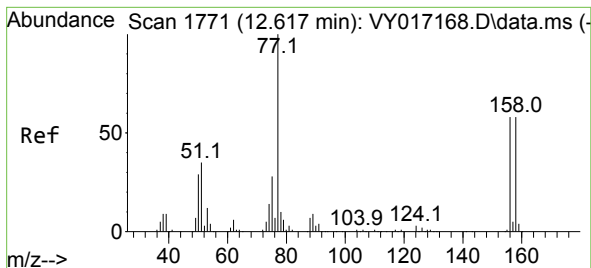
Tgt Ion: 83 Resp: 57861
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 63.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 82.944 ug/l
RT: 12.641 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 75 Resp: 70122
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.680 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

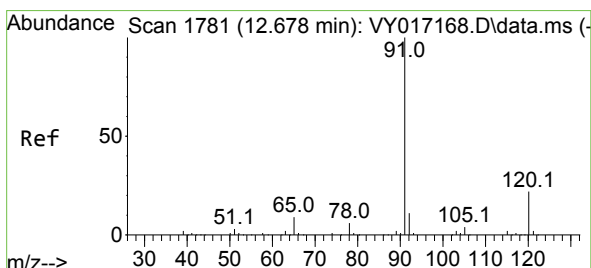
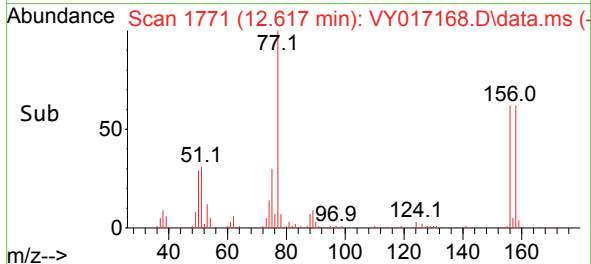
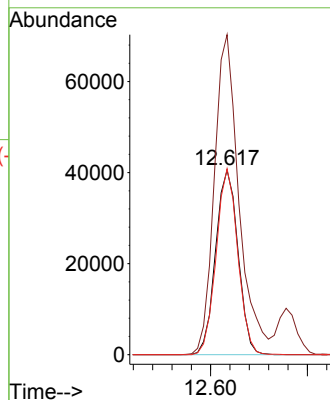
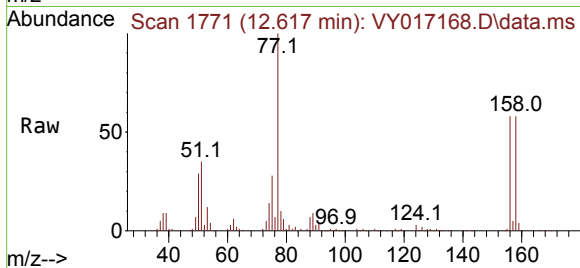
Tgt Ion:156 Resp: 65295

Ion Ratio Lower Upper

156 100

77 190.0 97.3 291.8

158 97.1 48.4 145.0



#78

n-propylbenzene

Concen: 48.286 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017168.D

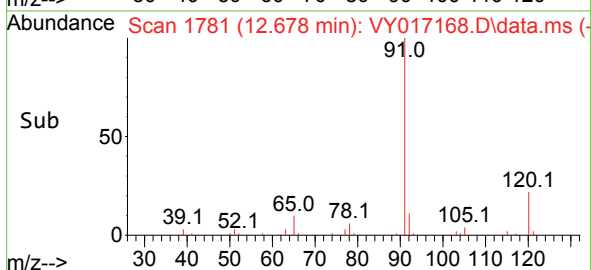
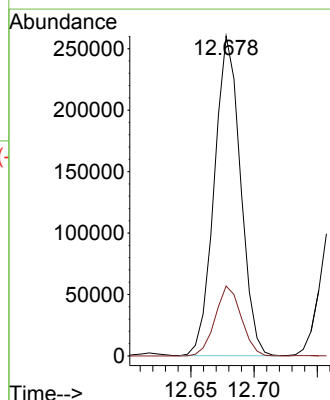
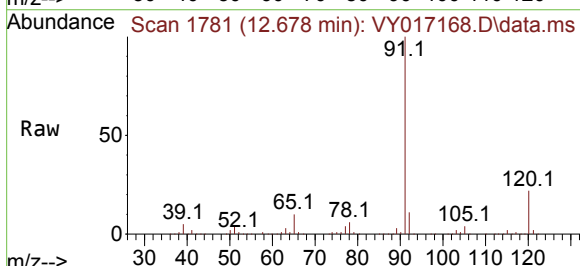
Acq: 01 Feb 2024 14:47

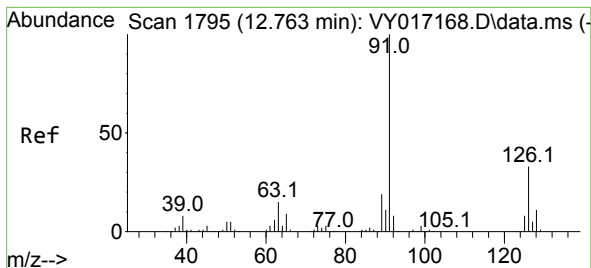
Tgt Ion: 91 Resp: 373981

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 47.461 ug/l

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

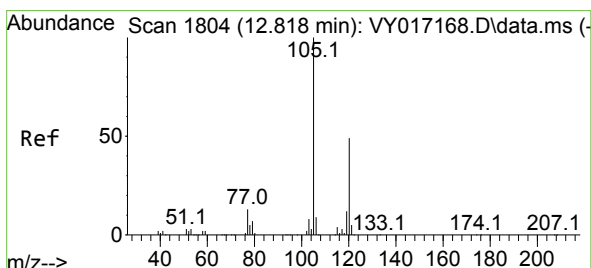
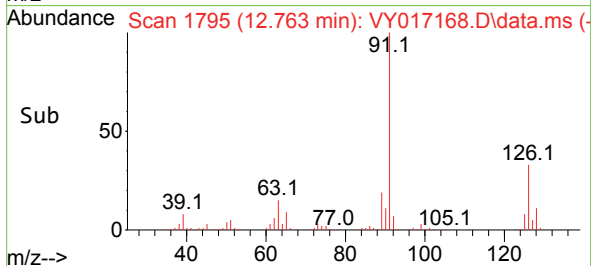
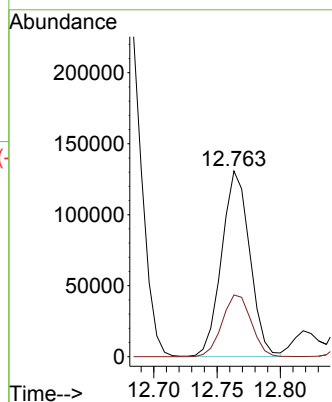
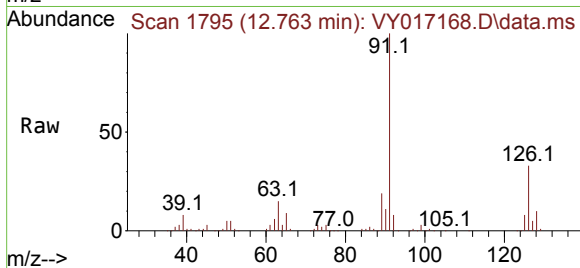
VSTDICCC050

Tgt Ion: 91 Resp: 202090

Ion Ratio Lower Upper

91 100

126 34.5 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 48.212 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017168.D

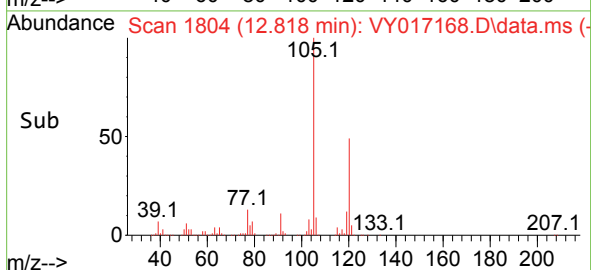
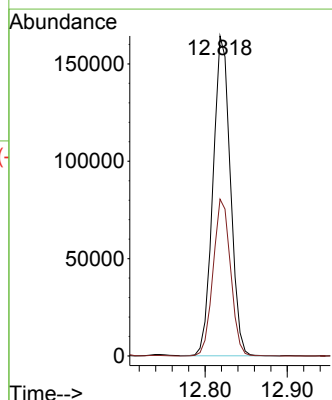
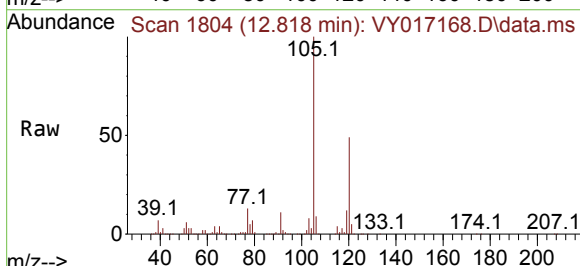
Acq: 01 Feb 2024 14:47

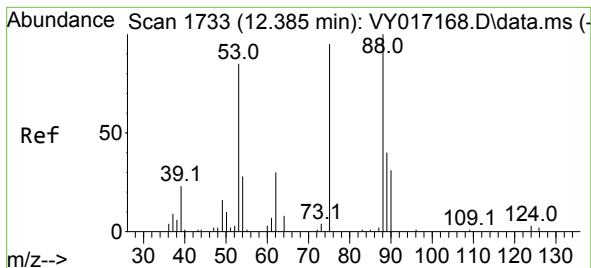
Tgt Ion: 105 Resp: 241801

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8

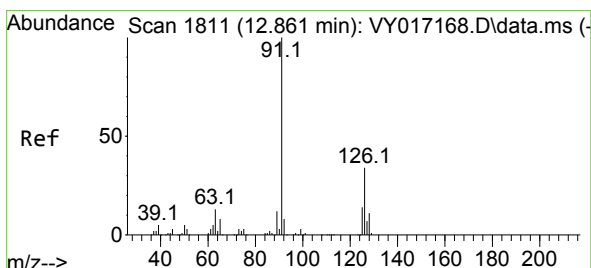
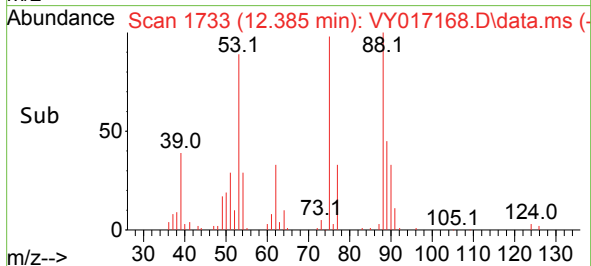
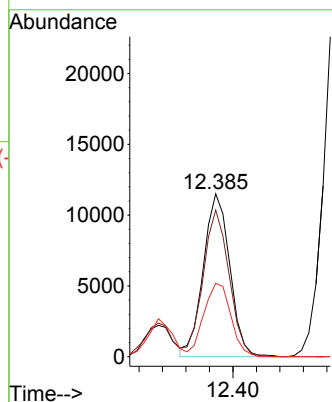
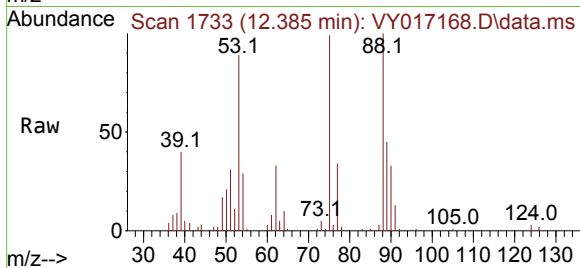




#81
trans-1,4-Dichloro-2-butene
Concen: 47.147 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

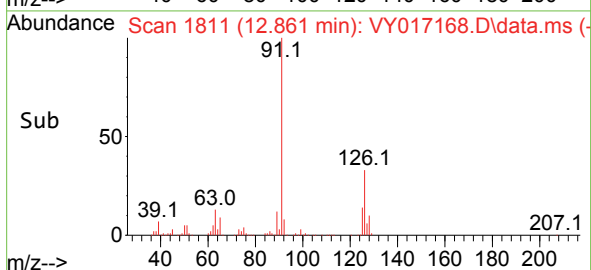
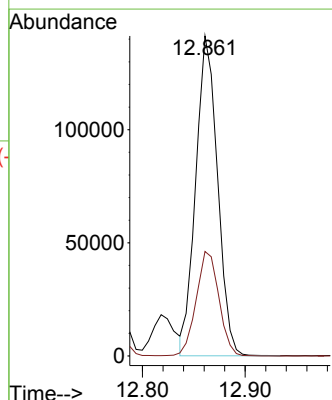
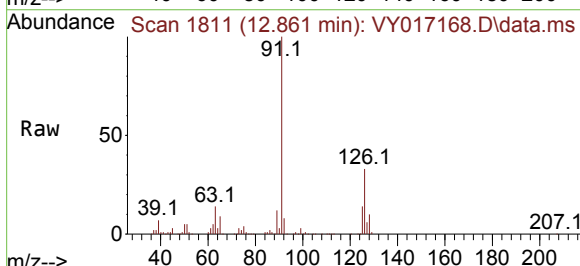
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

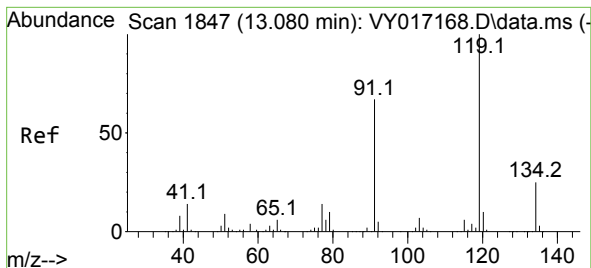
Tgt Ion: 75 Resp: 17977
Ion Ratio Lower Upper
75 100
53 89.0 74.0 111.0
89 45.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 47.599 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 91 Resp: 208593
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 48.549 ug/l

RT: 13.080 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

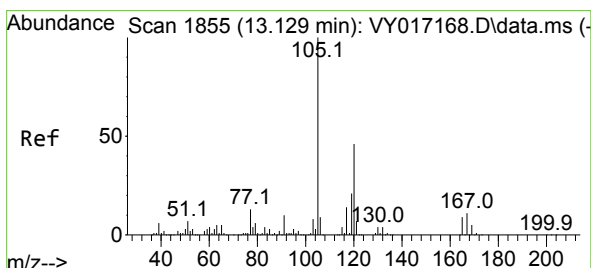
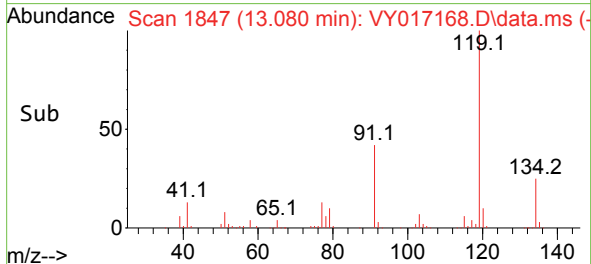
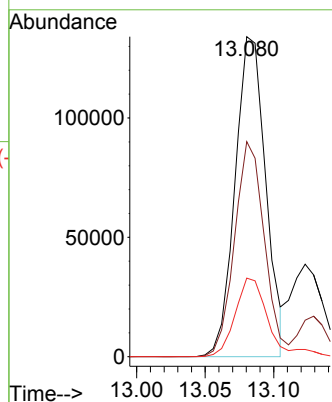
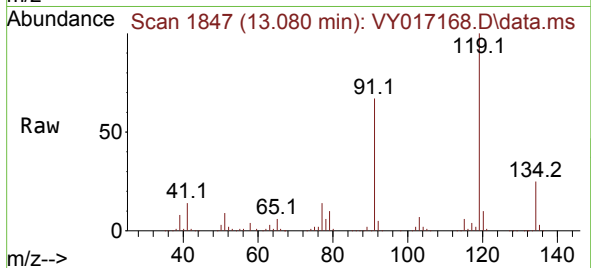
Tgt Ion:119 Resp: 208716

Ion Ratio Lower Upper

119 100

91 65.7 31.5 94.5

134 26.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 48.574 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017168.D

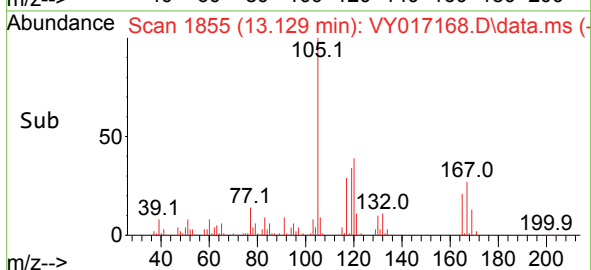
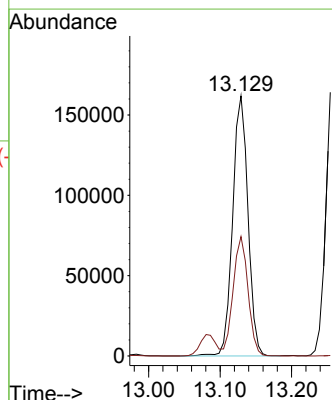
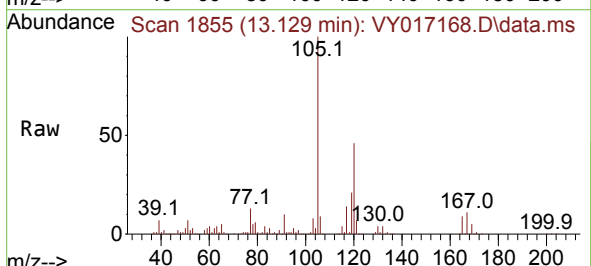
Acq: 01 Feb 2024 14:47

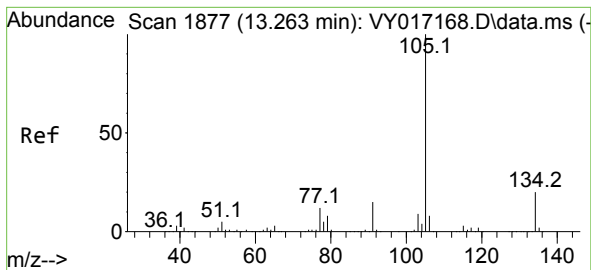
Tgt Ion:105 Resp: 240463

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 48.230 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

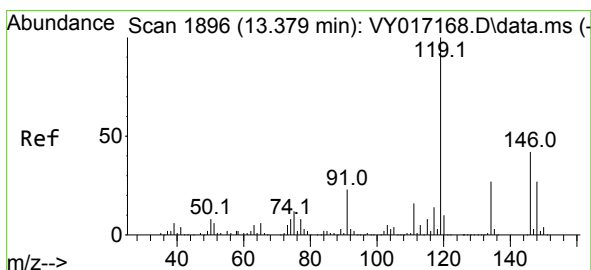
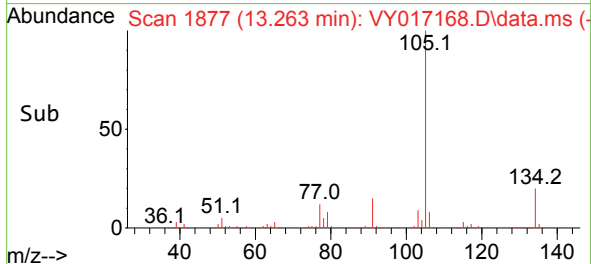
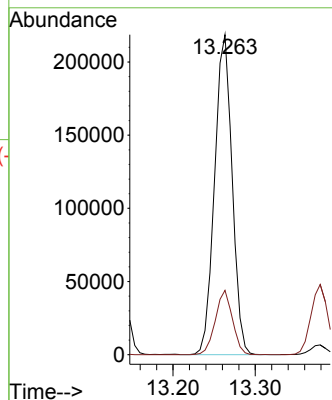
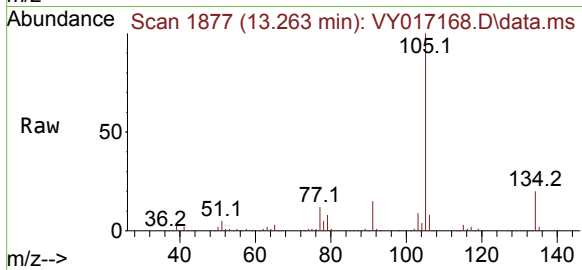
VSTDICCC050

Tgt Ion:105 Resp: 324068

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 48.258 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

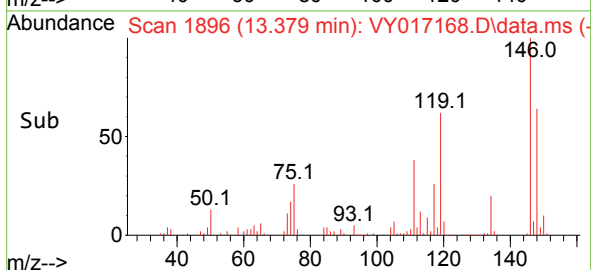
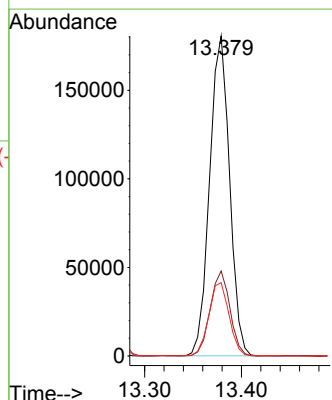
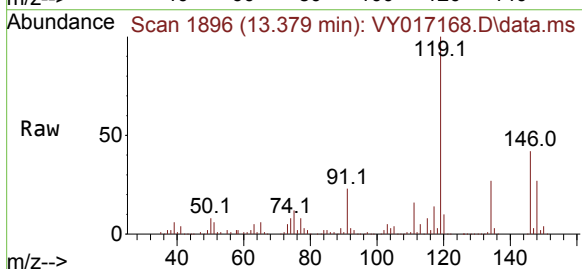
Tgt Ion:119 Resp: 259113

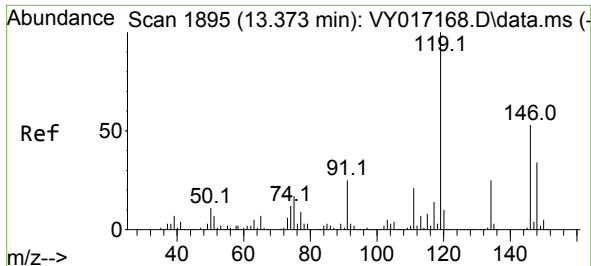
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 46.637 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

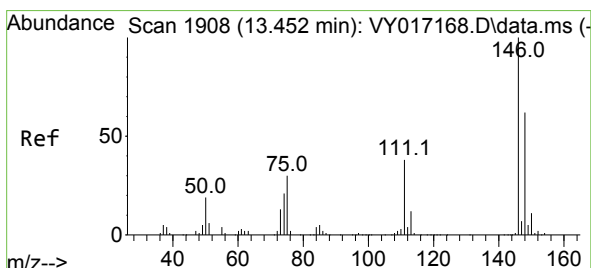
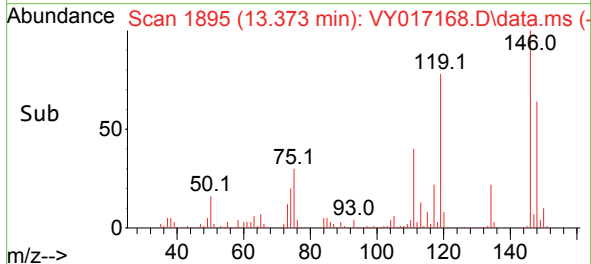
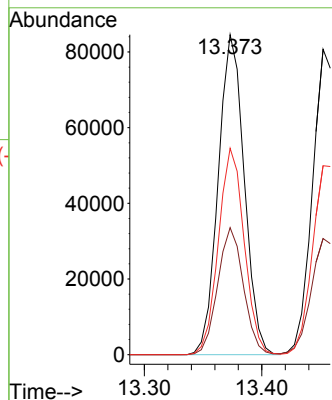
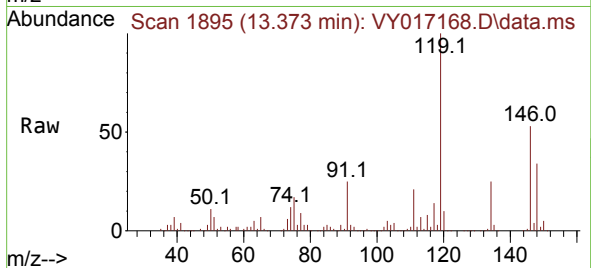
Tgt Ion:146 Resp: 130138

Ion Ratio Lower Upper

146 100

111 39.2 20.2 60.5

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 45.794 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

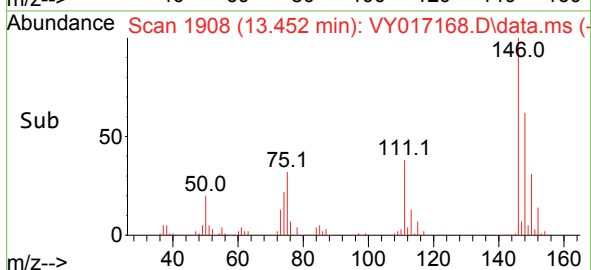
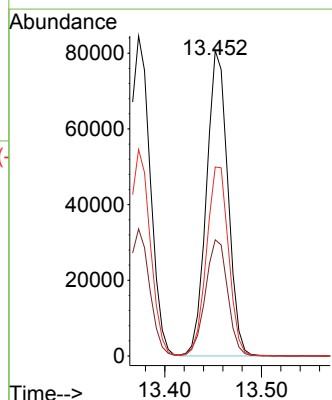
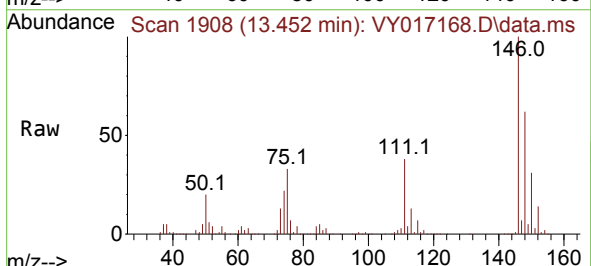
Tgt Ion:146 Resp: 124148

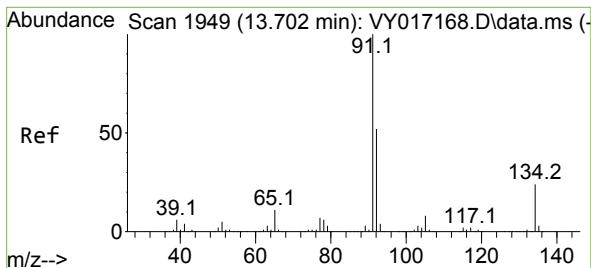
Ion Ratio Lower Upper

146 100

111 39.8 19.3 57.9

148 64.0 31.6 94.7

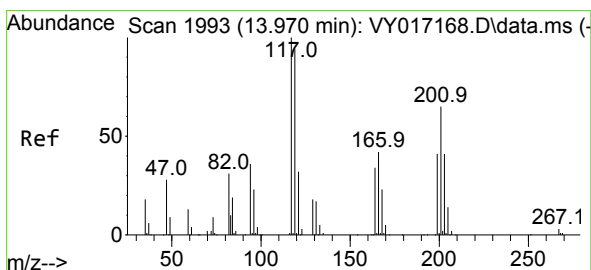
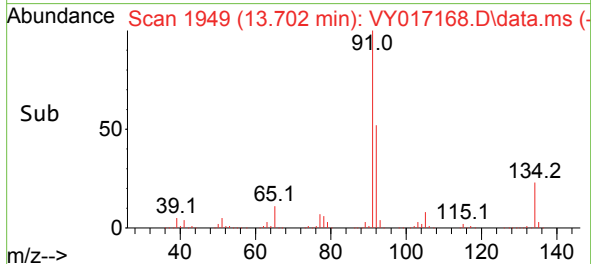
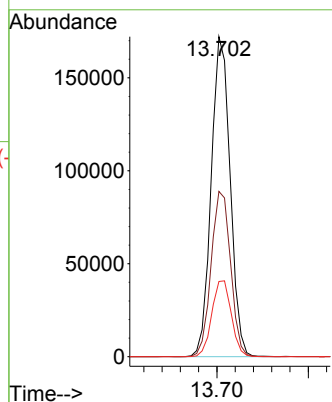
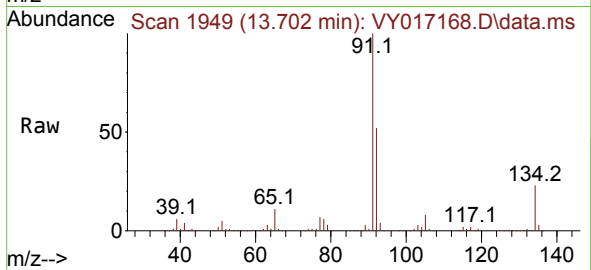




#89
n-Butylbenzene
Concen: 48.438 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

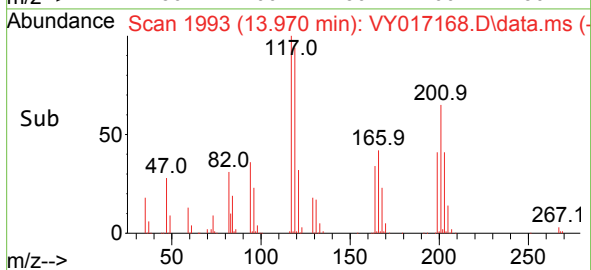
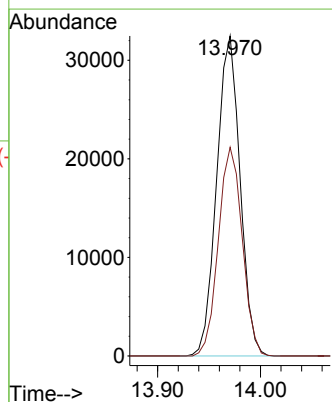
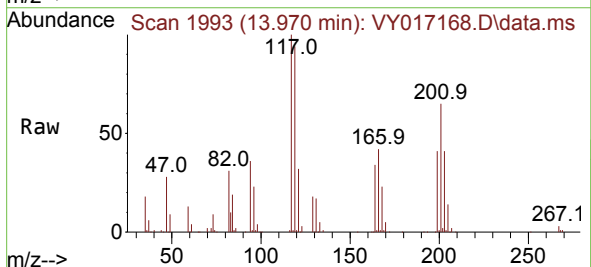
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

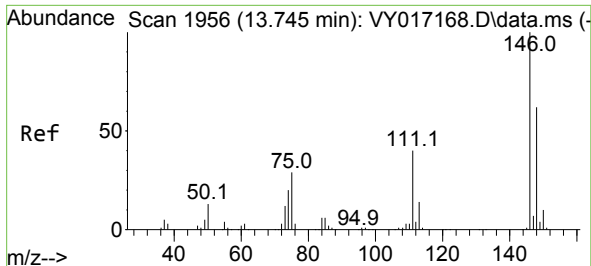
Tgt Ion: 91 Resp: 247277
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 24.4 12.3 36.8



#90
Hexachloroethane
Concen: 46.520 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY017168.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 117 Resp: 51278
Ion Ratio Lower Upper
117 100
201 66.6 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 46.781 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

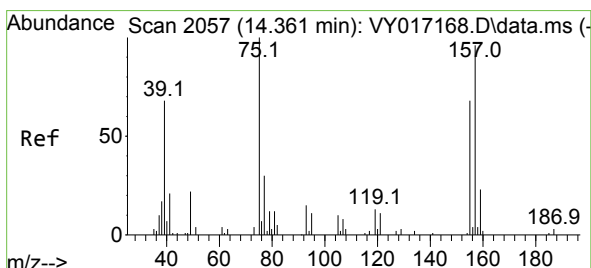
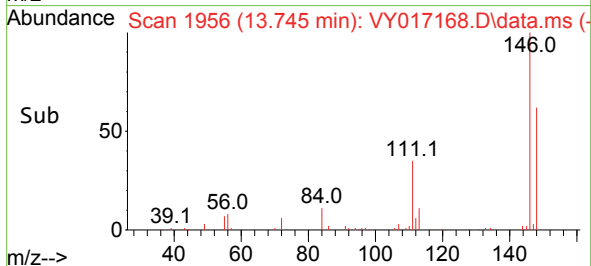
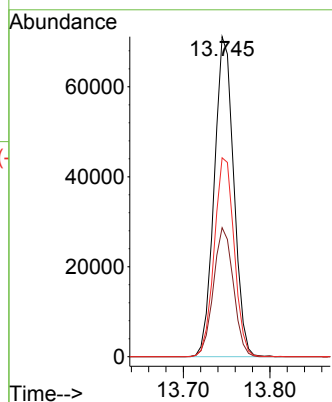
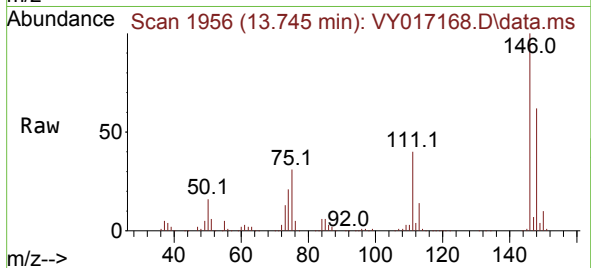
Tgt Ion:146 Resp: 111128

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

148 63.7 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.358 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

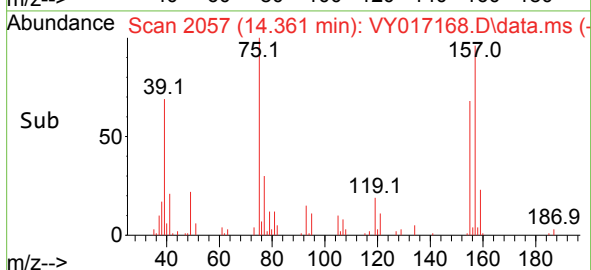
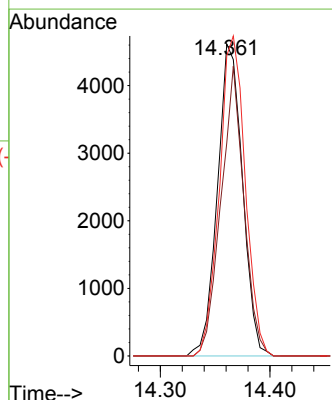
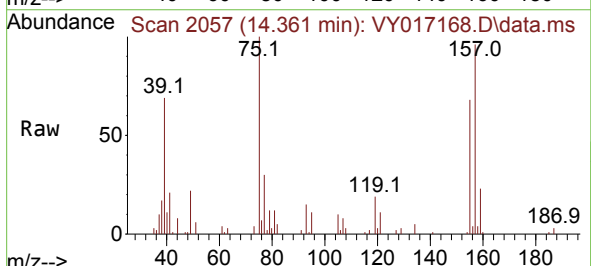
Tgt Ion: 75 Resp: 7328

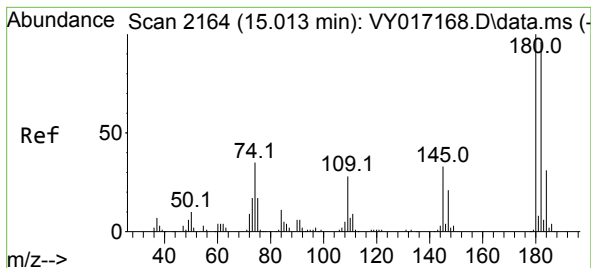
Ion Ratio Lower Upper

75 100

155 85.0 42.1 126.3

157 105.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 46.815 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

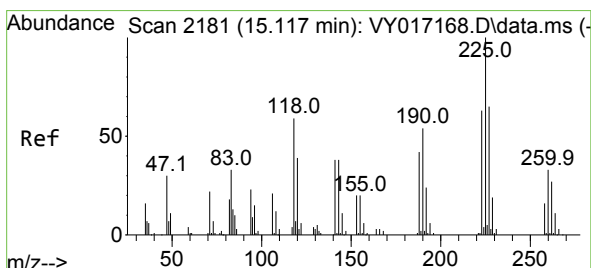
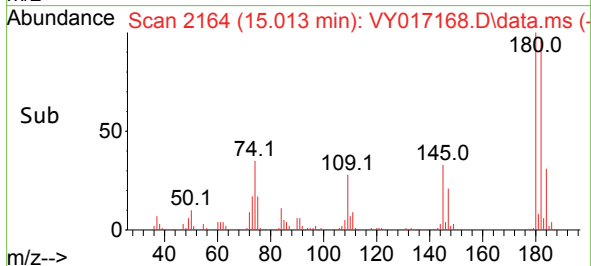
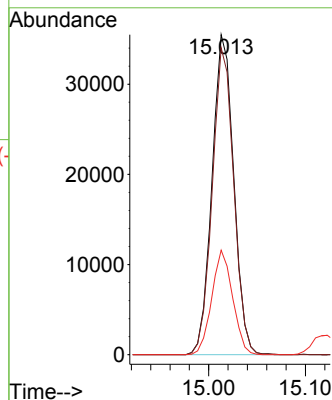
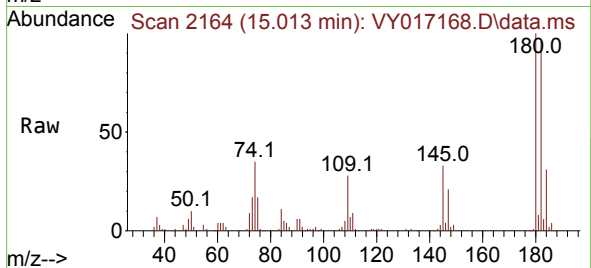
Tgt Ion:180 Resp: 55239

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 31.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 44.770 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

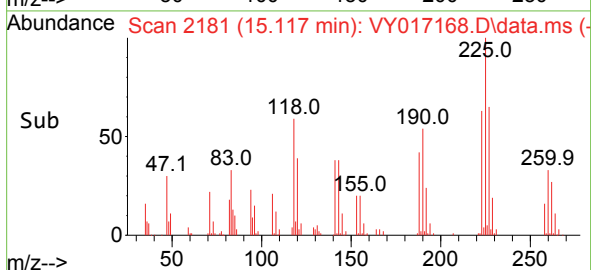
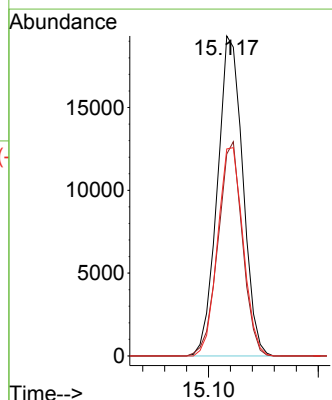
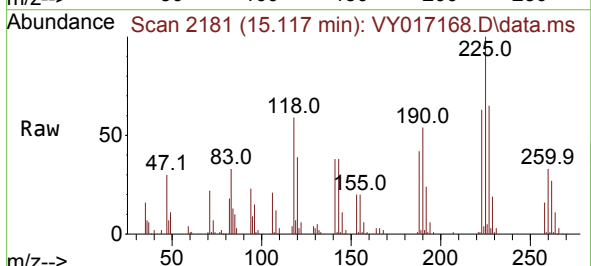
Tgt Ion:225 Resp: 31113

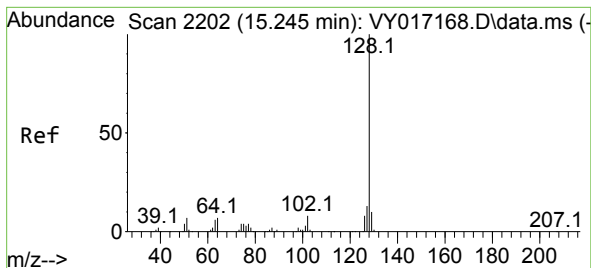
Ion Ratio Lower Upper

225 100

223 64.0 31.4 94.3

227 65.2 32.3 96.8





#95

Naphthalene

Concen: 43.754 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

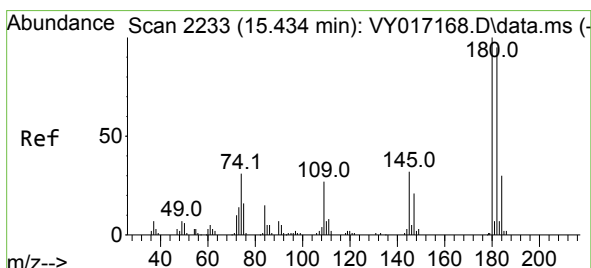
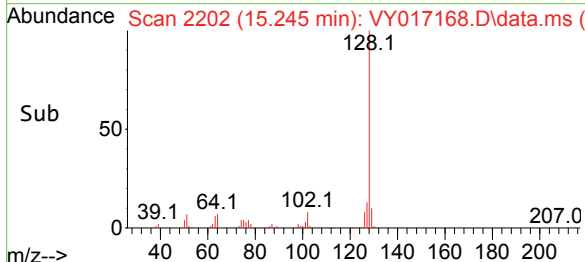
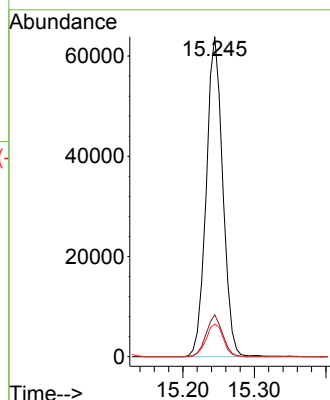
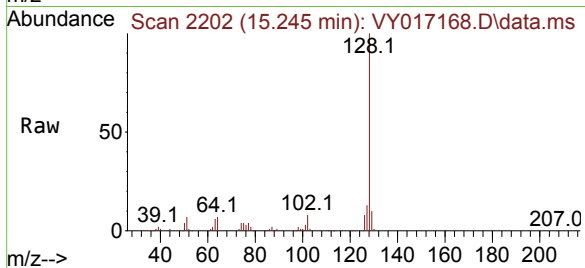
Tgt Ion:128 Resp: 102457

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 45.234 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017168.D

Acq: 01 Feb 2024 14:47

Tgt Ion:180 Resp: 45394

Ion Ratio Lower Upper

180 100

182 95.0 46.3 138.8

145 33.1 16.1 48.2

