

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018912.D
 Acq On : 25 Jul 2024 11:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 26 03:32:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	102976	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.722	114	154398	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.563	117	136732	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.538	152	68912	50.000	ug/l	0.12

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.167	65	46556	45.945	ug/l	0.04
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.880%
35) Dibromofluoromethane	7.734	113	48404	50.054	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.234	98	168373	45.957	ug/l	0.06
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.920%
62) 4-Bromofluorobenzene	12.575	95	58928	47.099	ug/l	0.10
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	36531	42.337	ug/l	97
3) Chloromethane	2.107	50	52795	40.264	ug/l	98
4) Vinyl Chloride	2.241	62	64554	42.085	ug/l	100
5) Bromomethane	2.637	94	49507	46.922	ug/l	96
6) Chloroethane	2.784	64	45882	46.042	ug/l	98
7) Trichlorofluoromethane	3.113	101	93289	46.543	ug/l	96
8) Diethyl Ether	3.515	74	24397	49.940	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	48782	47.435	ug/l	96
10) Methyl Iodide	4.076	142	56612	51.121	ug/l	92
11) Tert butyl alcohol	4.948	59	18100	176.330	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	47881	48.128	ug/l	94
13) Acrolein	3.723	56	8248	100.291	ug/l	99
14) Allyl chloride	4.466	41	59918	48.614	ug/l	91
15) Acrylonitrile	5.149	53	49334	255.982	ug/l	98
16) Acetone	3.936	43	50900	272.462	ug/l	96
17) Carbon Disulfide	4.180	76	114355	41.050	ug/l	99
18) Methyl Acetate	4.466	43	25714	47.372	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	117653	50.978	ug/l	95
20) Methylene Chloride	4.698	84	57259	54.575	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	49415	47.061	ug/l	98
22) Diisopropyl ether	6.112	45	130675	48.741	ug/l #	88
23) Vinyl Acetate	6.045	43	534614	253.107	ug/l	97
24) 1,1-Dichloroethane	6.003	63	83775	48.940	ug/l	97
25) 2-Butanone	6.990	43	67922	259.380	ug/l	94
26) 2,2-Dichloropropane	6.990	77	78680	49.538	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	60897	49.814	ug/l	98
28) Bromochloromethane	7.344	49	35912	52.234	ug/l	97
29) Tetrahydrofuran	7.362	42	41786	260.288	ug/l	92
30) Chloroform	7.521	83	97338	51.022	ug/l	98
31) Cyclohexane	7.801	56	65927	42.349	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	89914	50.684	ug/l	99
36) 1,1-Dichloropropene	7.941	75	64538	48.360	ug/l	97
37) Ethyl Acetate	7.082	43	29282	52.788	ug/l	94
38) Carbon Tetrachloride	7.917	117	80886	50.323	ug/l	93
39) Methylcyclohexane	9.222	83	80624	47.143	ug/l	99
40) Benzene	8.185	78	197930	51.127	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	15910m	50.307	ug/l	
42) 1,2-Dichloroethane	8.258	62	56152	51.806	ug/l	95
43) Isopropyl Acetate	8.301	43	56881	51.533	ug/l #	81
44) Trichloroethene	8.978	130	56213	50.797	ug/l	99
45) 1,2-Dichloropropane	9.258	63	42695	50.645	ug/l	94
46) Dibromomethane	9.344	93	28750	52.613	ug/l	96
47) Bromodichloromethane	9.545	83	74829	54.816	ug/l	100
48) Methyl methacrylate	9.337	41	25099	50.028	ug/l #	86
49) 1,4-Dioxane	9.337	88	6669	1041.136	ug/l #	90
51) 4-Methyl-2-Pentanone	10.124	43	150838	267.661	ug/l	94
52) Toluene	10.301	92	130467	50.704	ug/l	97
53) t-1,3-Dichloropropene	10.526	75	62882	53.351	ug/l	94
54) cis-1,3-Dichloropropene	9.978	75	73347	53.045	ug/l #	86
55) 1,1,2-Trichloroethane	10.703	97	37752	54.558	ug/l	98
56) Ethyl methacrylate	10.569	69	48815	53.583	ug/l #	85
57) 1,3-Dichloropropane	10.855	76	60064	52.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.831	63	116879	268.539	ug/l	92
59) 2-Hexanone	10.898	43	108236	274.535	ug/l	90
60) Dibromochloromethane	11.051	129	53098	55.848	ug/l	99
61) 1,2-Dibromoethane	11.154	107	35183	52.300	ug/l	97
64) Tetrachloroethene	10.782	164	57141	51.630	ug/l	98
65) Chlorobenzene	11.587	112	146639	50.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.666	131	53899	54.236	ug/l	96
67) Ethyl Benzene	11.666	91	252430	49.957	ug/l	100
68) m/p-Xylenes	11.782	106	198180m	99.947	ug/l	
69) o-Xylene	12.111	106	95715	51.344	ug/l	99
70) Styrene	12.130	104	162904	52.373	ug/l	96
71) Bromoform	12.294	173	30420	56.158	ug/l #	97
73) Isopropylbenzene	12.416	105	252878	50.140	ug/l	99
74) N-amyl acetate	12.233	43	51906	50.325	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.678	83	39622	49.834	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	26642m	49.362	ug/l	
77) Bromobenzene	12.703	156	60812	50.507	ug/l	93
78) n-propylbenzene	12.770	91	288945	48.244	ug/l	96
79) 2-Chlorotoluene	12.849	91	163836	48.650	ug/l	95
80) 1,3,5-Trimethylbenzene	12.910	105	206931	50.145	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.465	75	12590m	52.206	ug/l	
82) 4-Chlorotoluene	12.849	91	163924	47.271	ug/l	95
83) tert-Butylbenzene	13.178	119	190317	49.954	ug/l	97
84) 1,2,4-Trimethylbenzene	13.227	105	201855	49.225	ug/l	98
85) sec-Butylbenzene	13.361	105	264104	48.838	ug/l	95
86) p-Isopropyltoluene	13.477	119	232691	49.843	ug/l	95
87) 1,3-Dichlorobenzene	13.477	146	119142	50.383	ug/l	98
88) 1,4-Dichlorobenzene	13.556	146	115031m	49.080	ug/l	
89) n-Butylbenzene	13.812	91	207038	48.917	ug/l	98
90) Hexachloroethane	14.087	117	44843	51.650	ug/l	96
91) 1,2-Dichlorobenzene	13.855	146	102233	50.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.483	75	6446	50.034	ug/l	93
93) 1,2,4-Trichlorobenzene	15.160	180	63869	51.220	ug/l	97
94) Hexachlorobutadiene	15.269	225	38796	53.978	ug/l	97
95) Naphthalene	15.397	128	106662	49.862	ug/l	98
96) 1,2,3-Trichlorobenzene	15.599	180	52959	49.637	ug/l	98

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QLast Update : Tue Jul 09 14:28:51 2024
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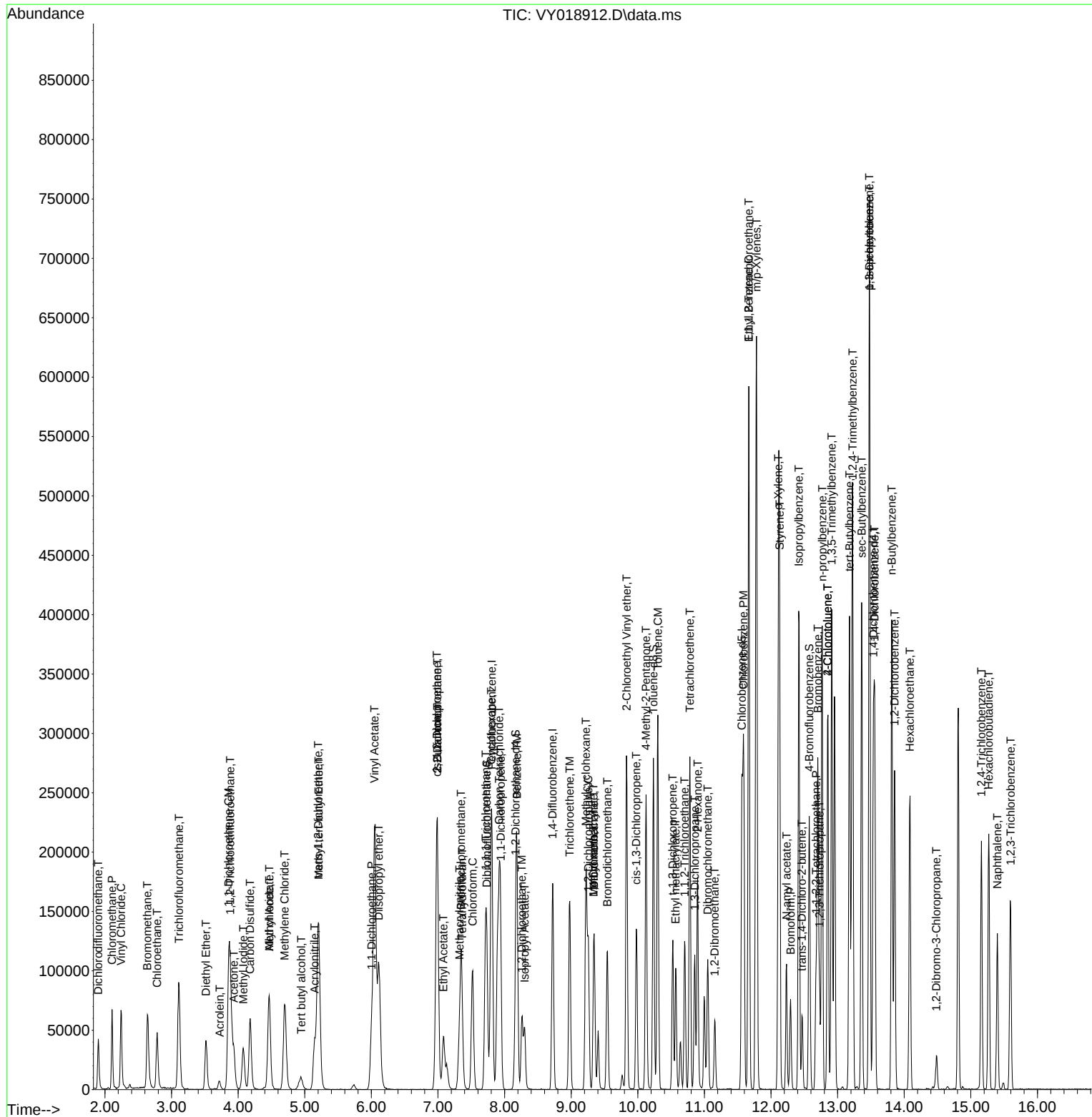
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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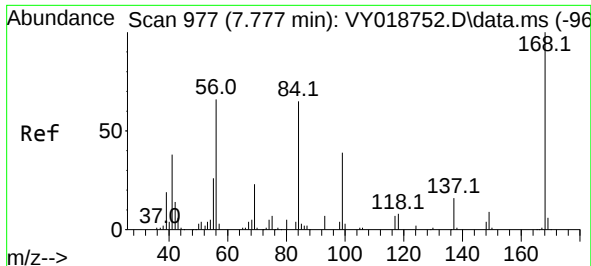
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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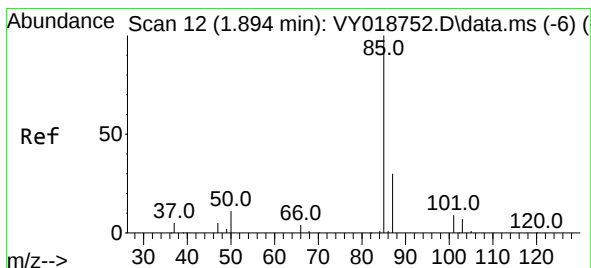
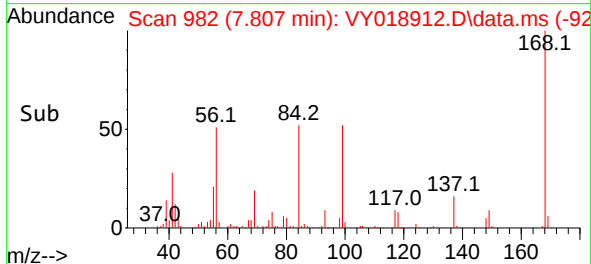
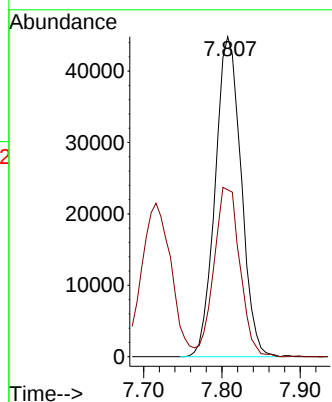
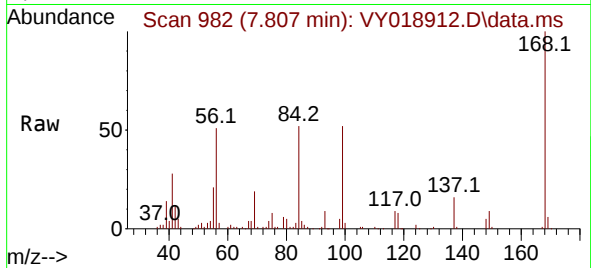




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.030 min
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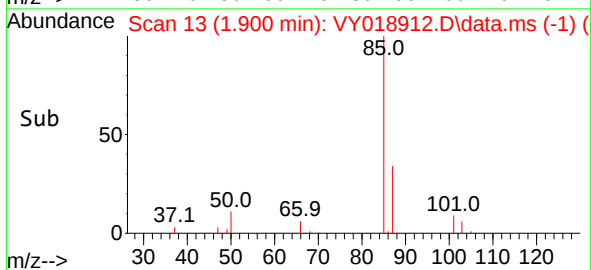
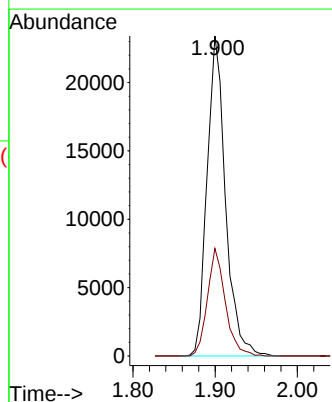
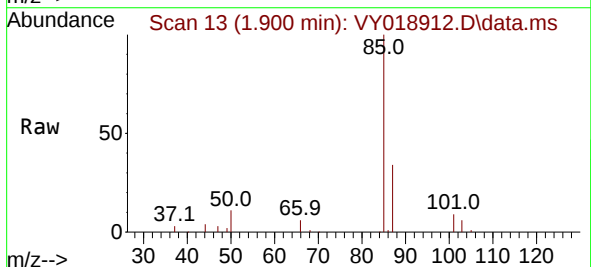
Instrument :
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ClientSampleId :
VSTDCCC050

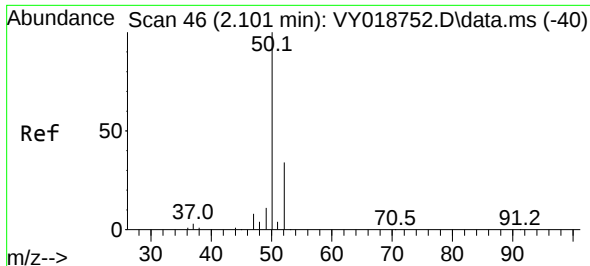
Tgt Ion:168 Resp: 102976
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.337 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 85 Resp: 36531
Ion Ratio Lower Upper
85 100
87 33.6 16.0 48.0

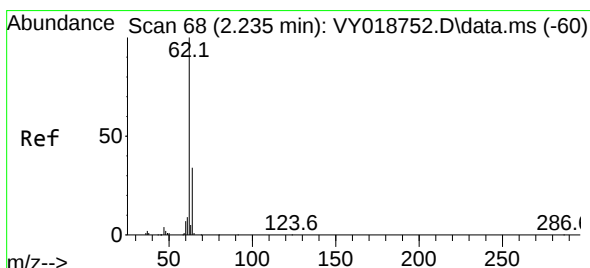
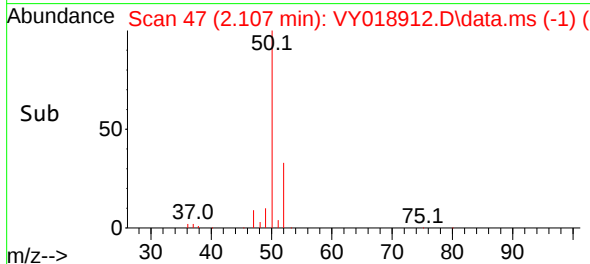
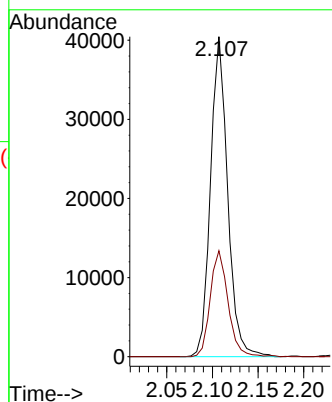
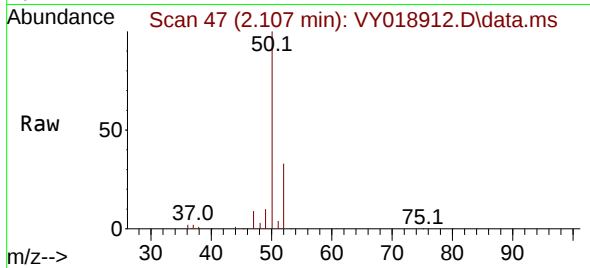




#3
Chloromethane
Concen: 40.264 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

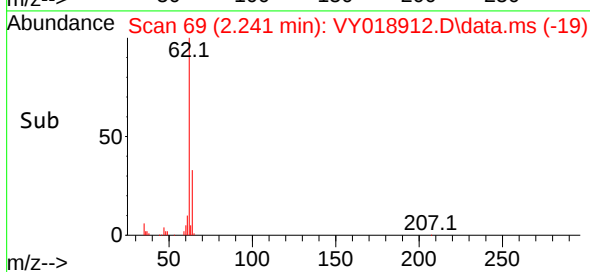
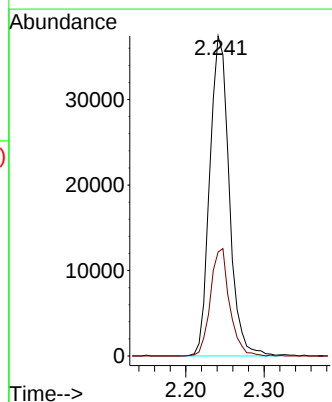
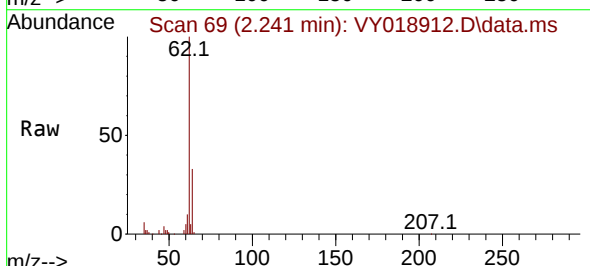
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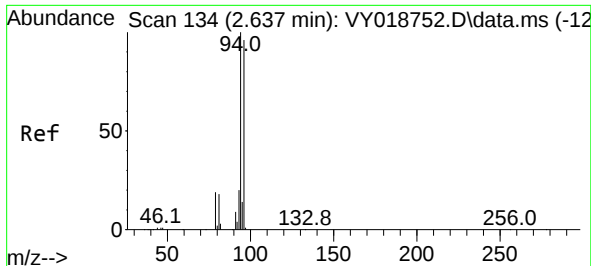
Tgt Ion: 50 Resp: 52795
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 42.085 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 62 Resp: 64554
Ion Ratio Lower Upper
62 100
64 32.5 26.1 39.1

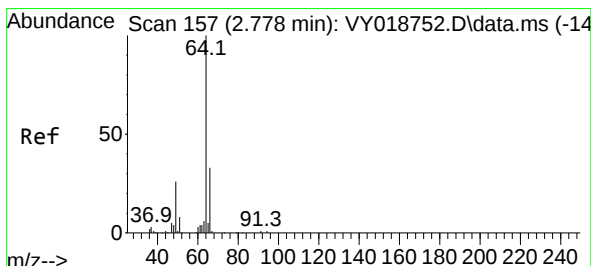
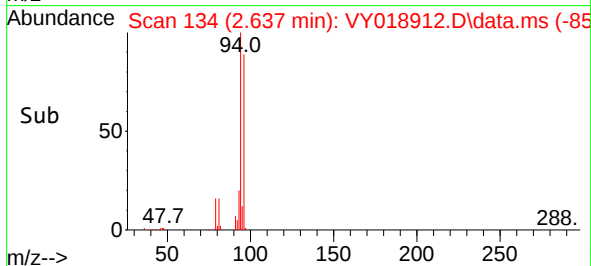
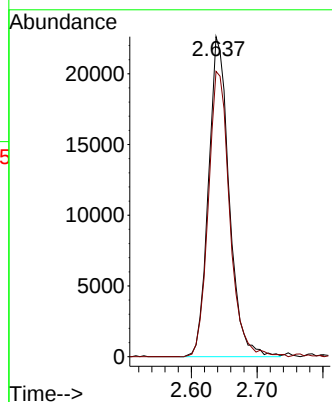
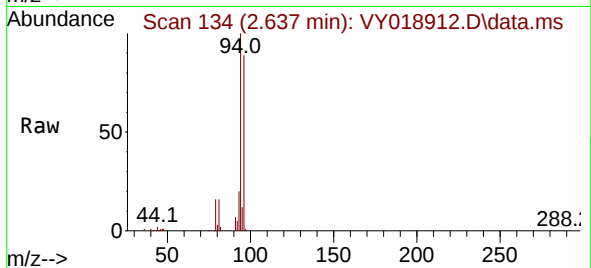




#5
Bromomethane
Concen: 46.922 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

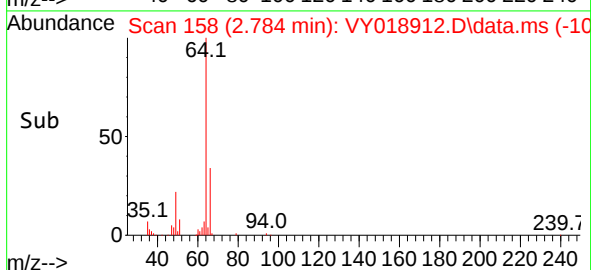
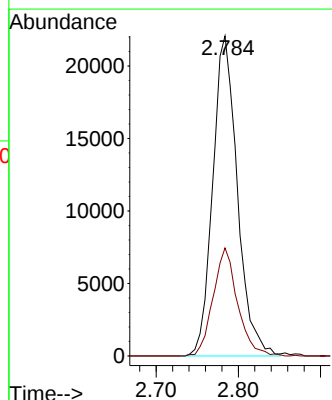
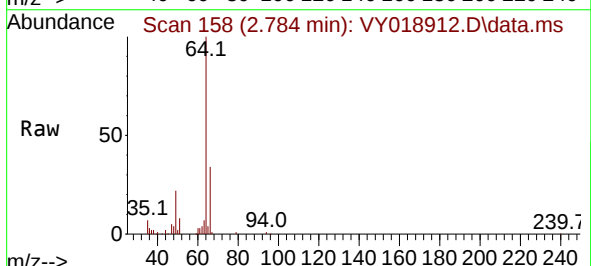
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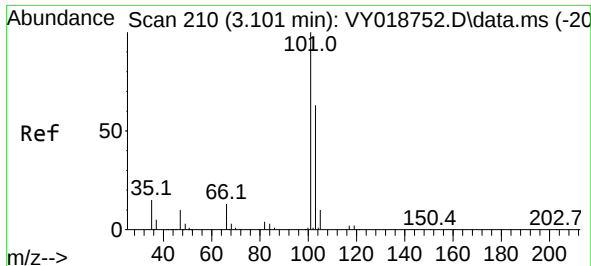
Tgt Ion: 94 Resp: 49507
Ion Ratio Lower Upper
94 100
96 89.1 74.1 111.1



#6
Chloroethane
Concen: 46.042 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018912.D
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Tgt Ion: 64 Resp: 45882
Ion Ratio Lower Upper
64 100
66 33.8 26.1 39.1

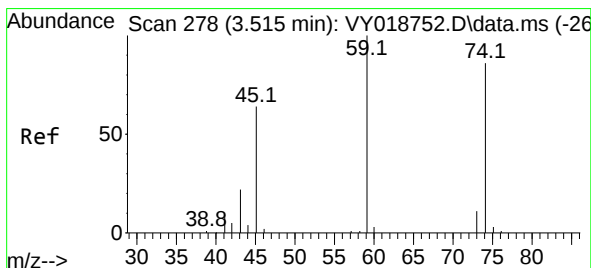
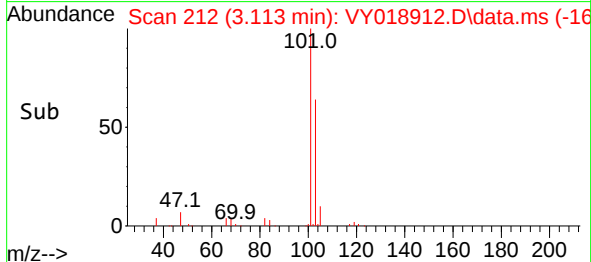
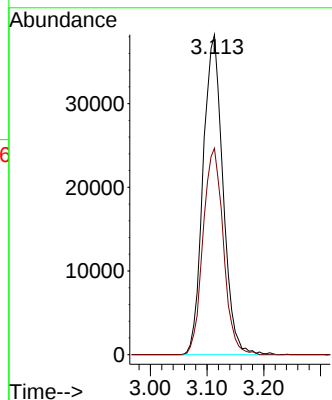
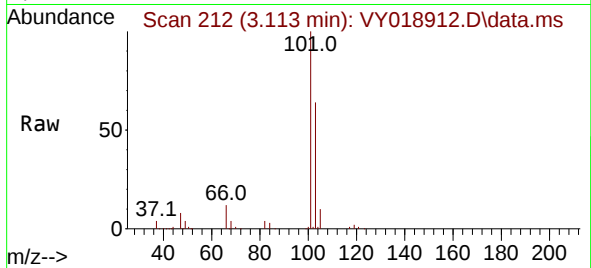




#7
 Trichlorofluoromethane
 Concen: 46.543 ug/l
 RT: 3.113 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VY018912.D
 Acq: 25 Jul 2024 11:04

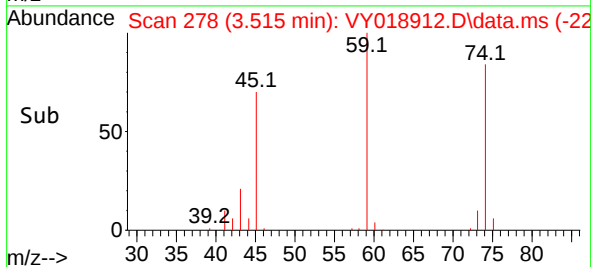
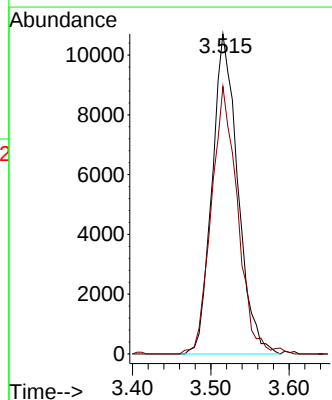
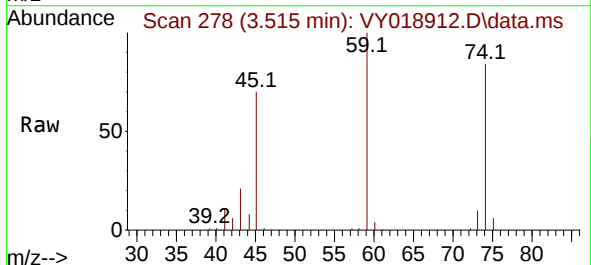
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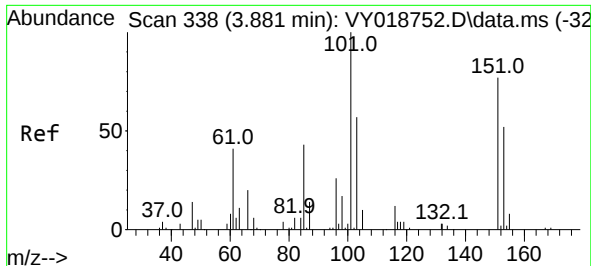
Tgt Ion:101 Resp: 93289
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 49.940 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018912.D
 Acq: 25 Jul 2024 11:04

Tgt Ion: 74 Resp: 24397
 Ion Ratio Lower Upper
 74 100
 45 85.6 41.3 124.1

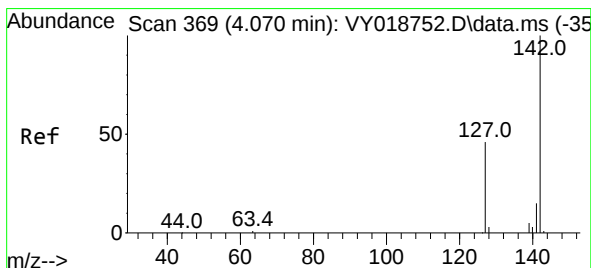
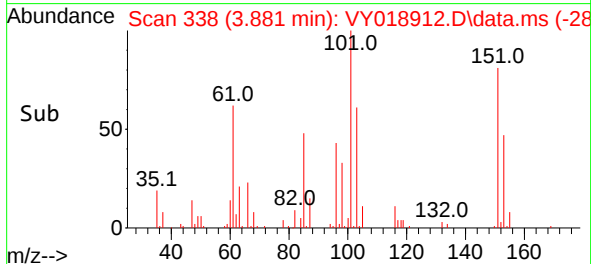
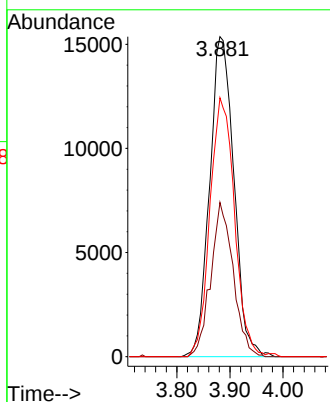
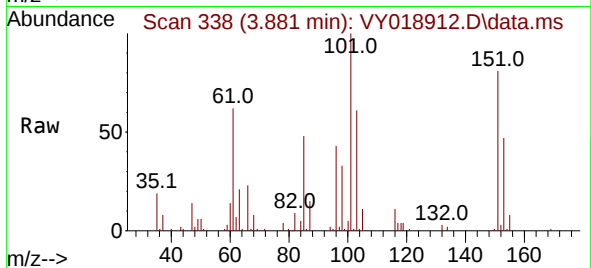




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.435 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

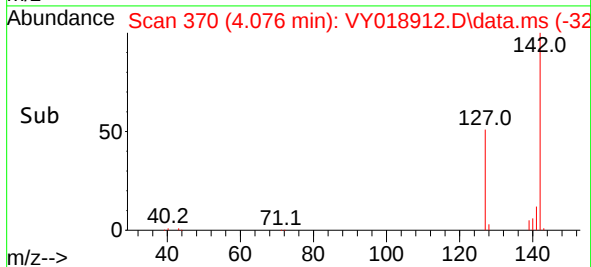
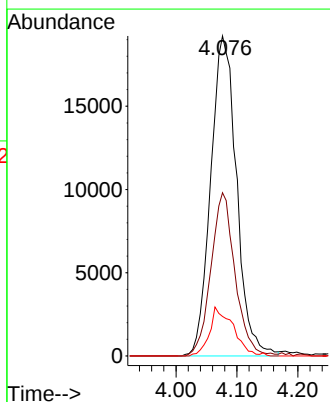
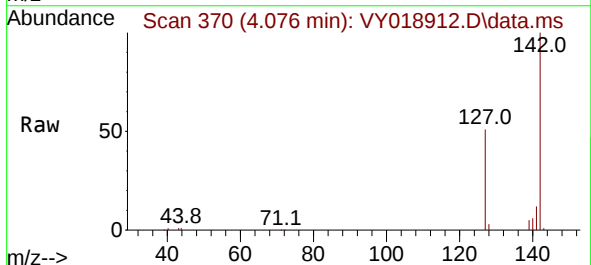
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

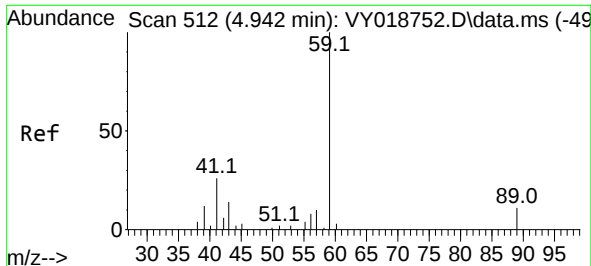
Tgt Ion:101 Resp: 48782
Ion Ratio Lower Upper
101 100
85 44.6 34.5 51.7
151 81.8 61.7 92.5



#10
Methyl Iodide
Concen: 51.121 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.006 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion:142 Resp: 56612
Ion Ratio Lower Upper
142 100
127 47.7 32.8 49.2
141 14.0 11.4 17.2

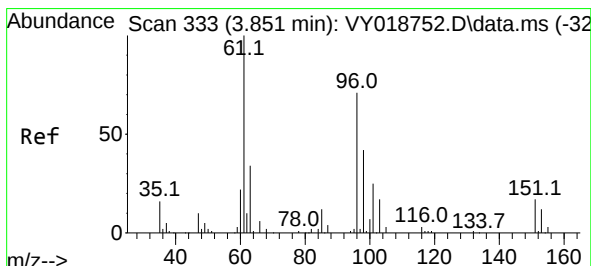
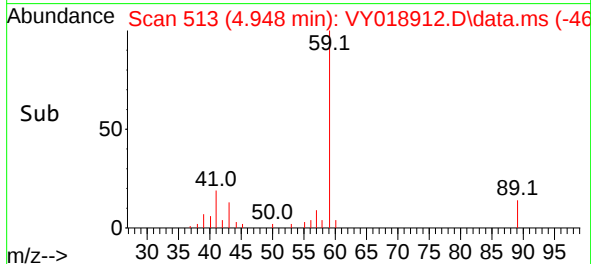
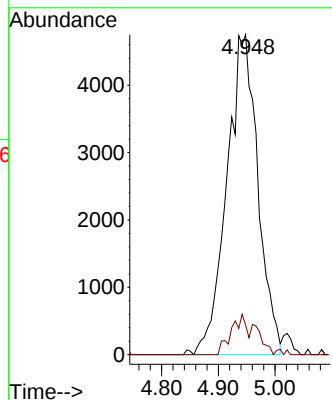
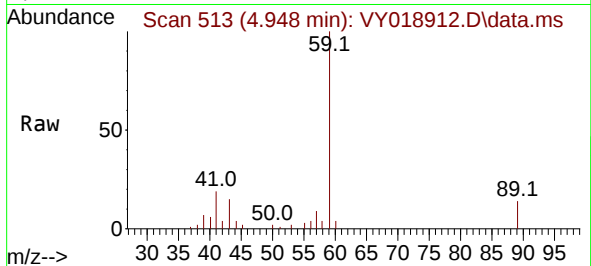




#11
Tert butyl alcohol
Concen: 176.330 ug/l
RT: 4.948 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

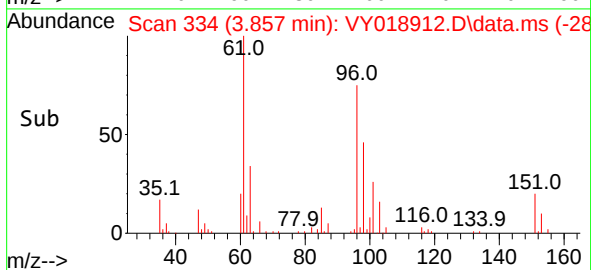
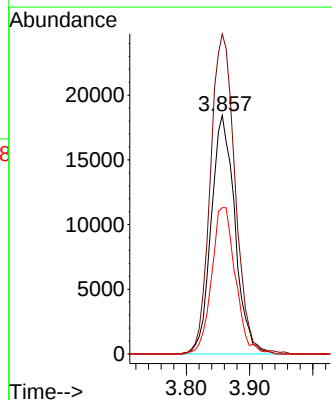
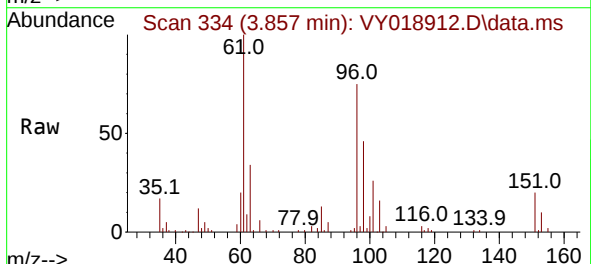
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

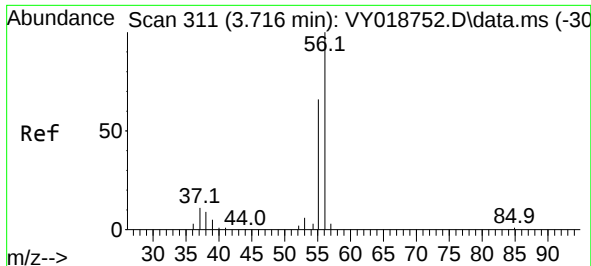
Tgt Ion: 59 Resp: 18100
Ion Ratio Lower Upper
59 100
57 6.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.128 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.006 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 96 Resp: 47881
Ion Ratio Lower Upper
96 100
61 134.1 114.6 171.8
98 61.3 50.8 76.2





#13

Acrolein

Concen: 100.291 ug/l

RT: 3.723 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

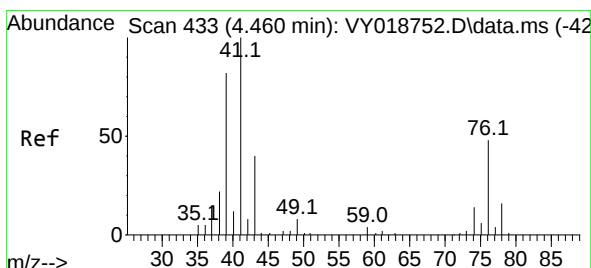
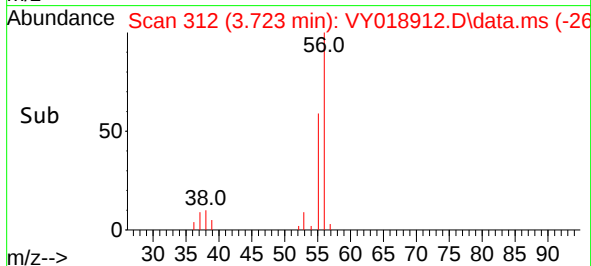
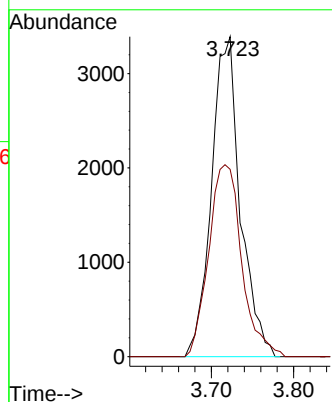
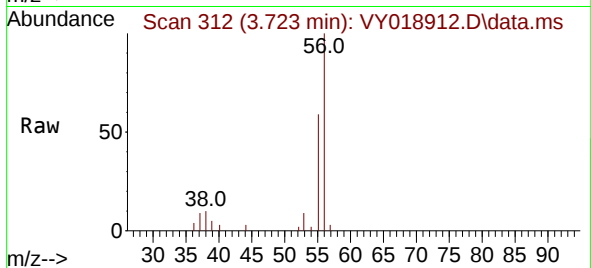
VSTDCCC050

Tgt Ion: 56 Resp: 8248

Ion Ratio Lower Upper

56 100

55 68.8 55.7 83.5



#14

Allyl chloride

Concen: 48.614 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

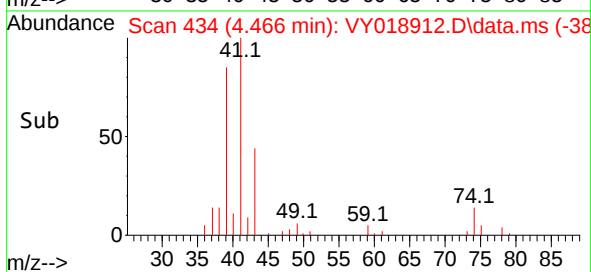
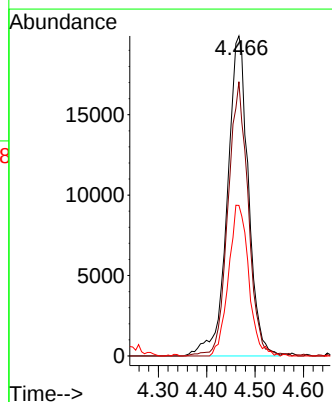
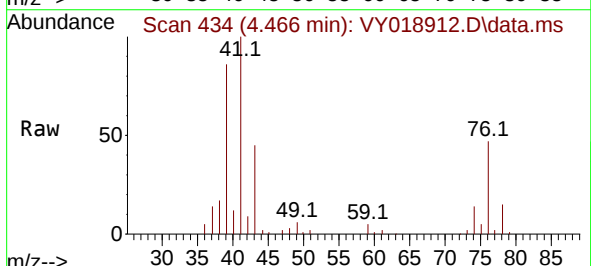
Tgt Ion: 41 Resp: 59918

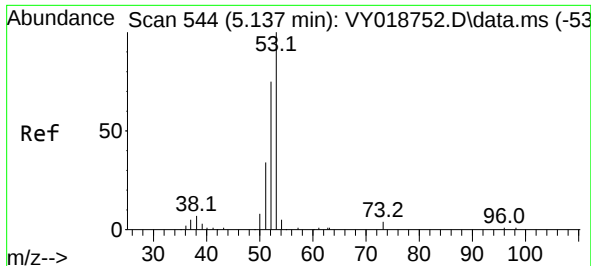
Ion Ratio Lower Upper

41 100

39 82.7 58.3 87.5

76 45.3 39.0 58.6

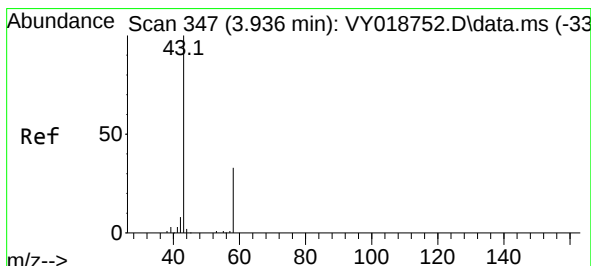
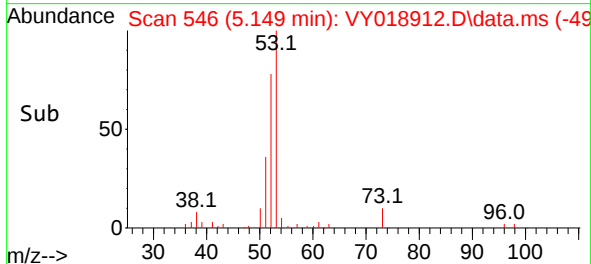
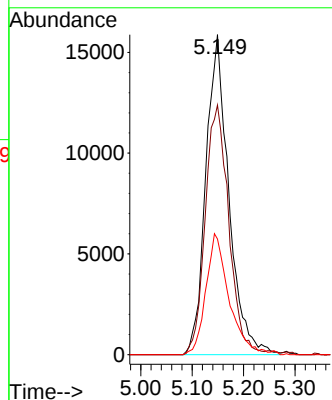
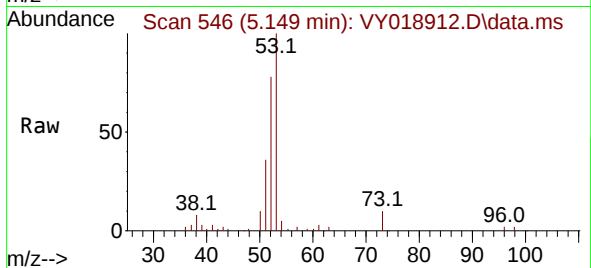




#15
Acrylonitrile
Concen: 255.982 ug/l
RT: 5.149 min Scan# 544
Delta R.T. 0.012 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

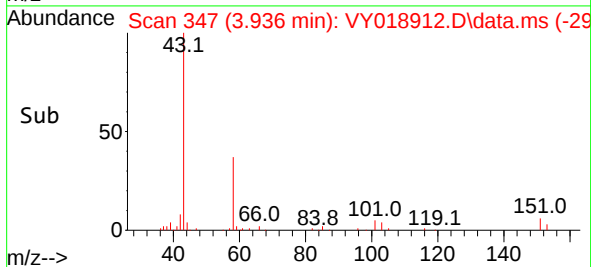
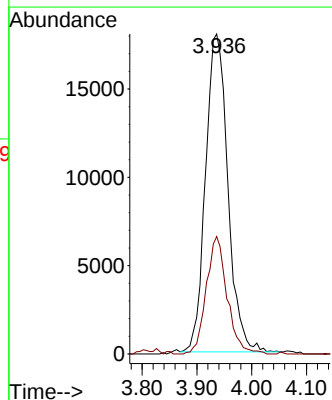
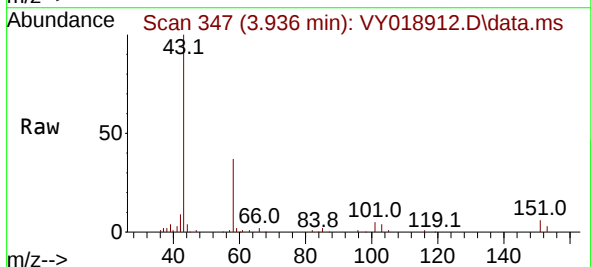
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

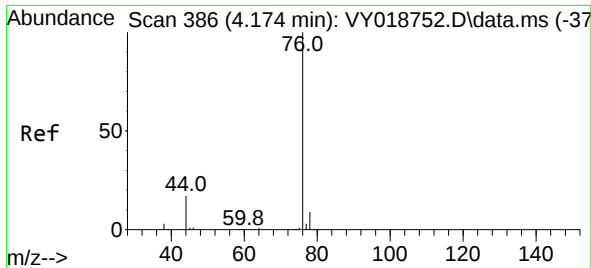
Tgt Ion: 53 Resp: 49334
Ion Ratio Lower Upper
53 100
52 79.7 64.7 97.1
51 38.3 28.4 42.6



#16
Acetone
Concen: 272.462 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 43 Resp: 50900
Ion Ratio Lower Upper
43 100
58 36.9 31.7 47.5

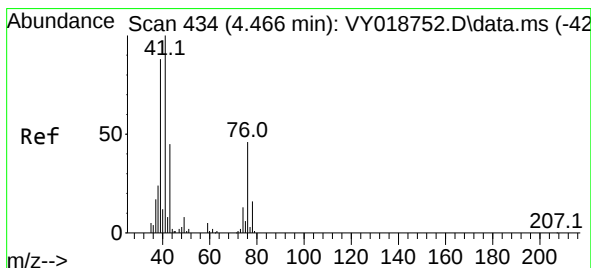
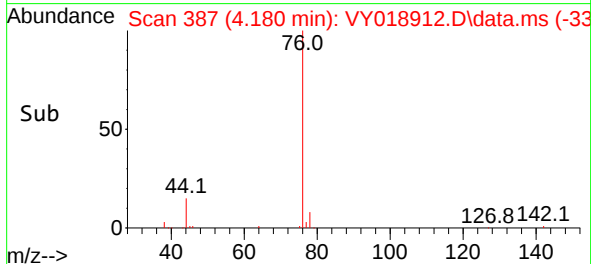
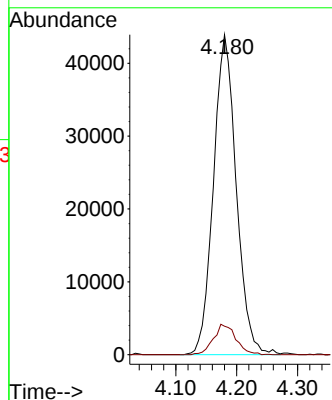
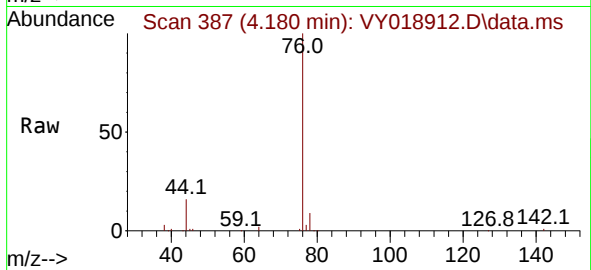




#17
Carbon Disulfide
Concen: 41.050 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

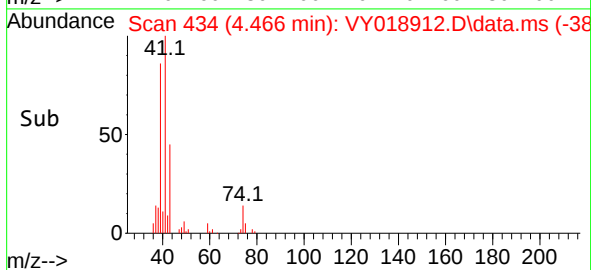
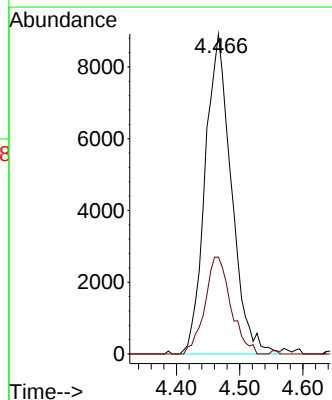
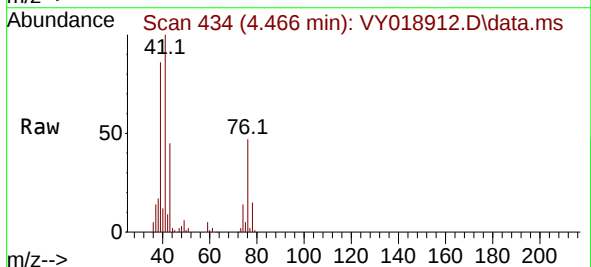
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

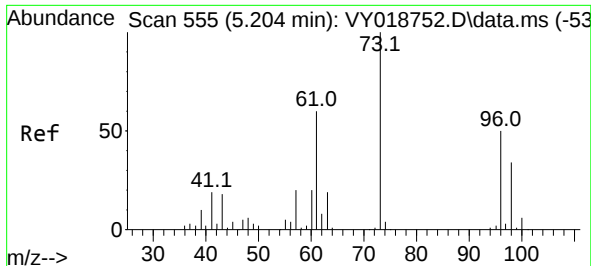
Tgt Ion: 76 Resp: 114355
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 47.372 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 43 Resp: 25714
Ion Ratio Lower Upper
43 100
74 30.0 23.3 34.9

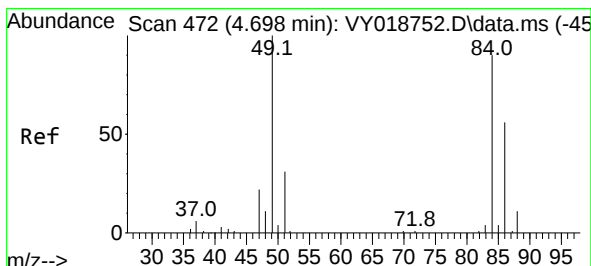
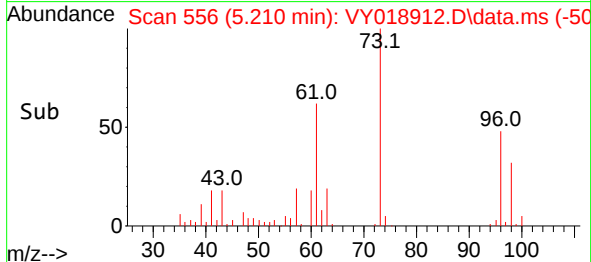
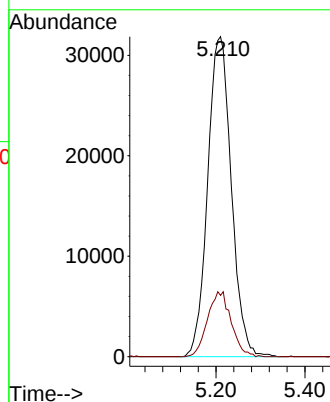
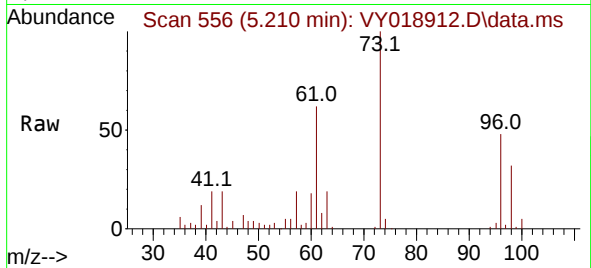




#19
Methyl tert-butyl Ether
Concen: 50.978 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

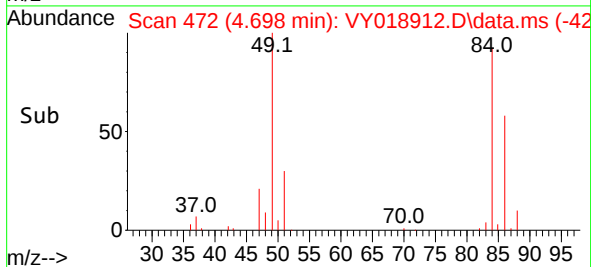
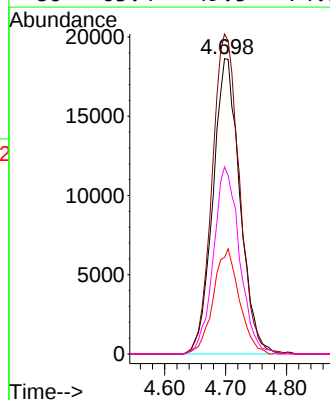
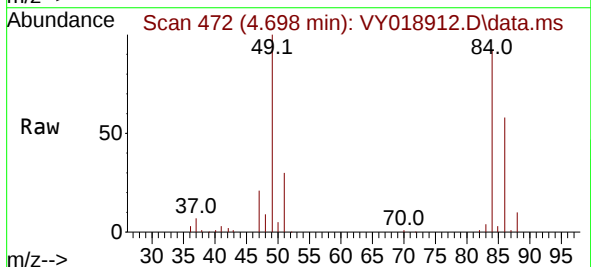
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

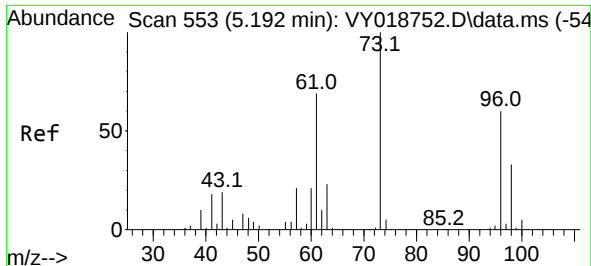
Tgt Ion: 73 Resp: 117653
Ion Ratio Lower Upper
73 100
57 19.1 17.3 25.9



#20
Methylene Chloride
Concen: 54.575 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 84 Resp: 57259
Ion Ratio Lower Upper
84 100
49 108.4 84.4 126.6
51 32.7 26.0 39.0
86 63.4 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 47.061 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

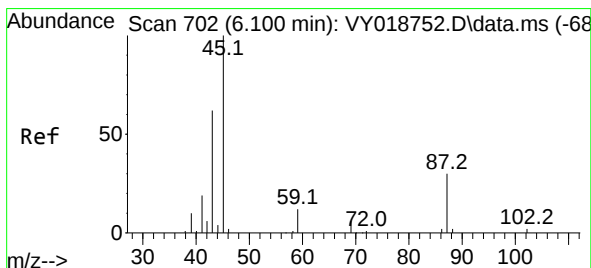
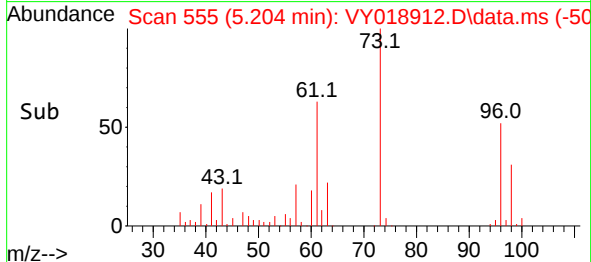
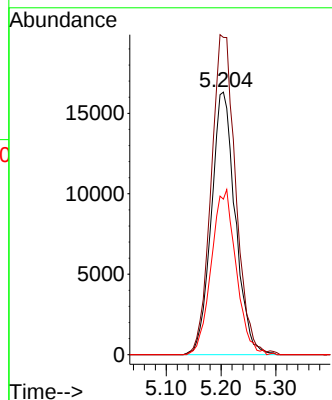
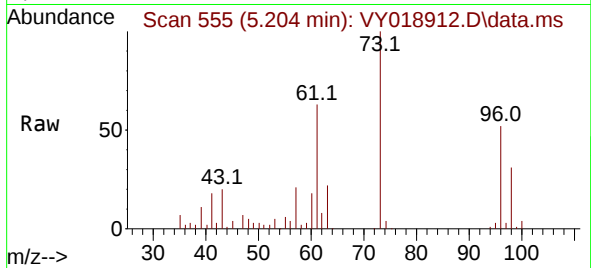
Tgt Ion: 96 Resp: 49415

Ion Ratio Lower Upper

96 100

61 120.9 97.5 146.3

98 59.2 50.5 75.7



#22

Diisopropyl ether

Concen: 48.741 ug/l

RT: 6.112 min Scan# 704

Delta R.T. 0.012 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Tgt Ion: 45 Resp: 130675

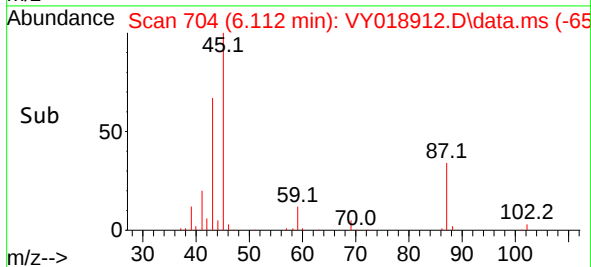
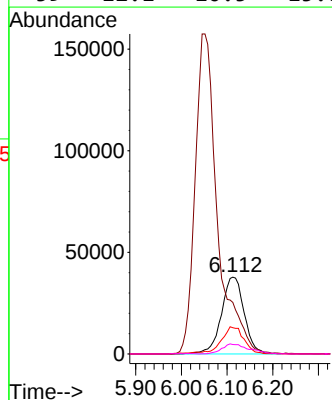
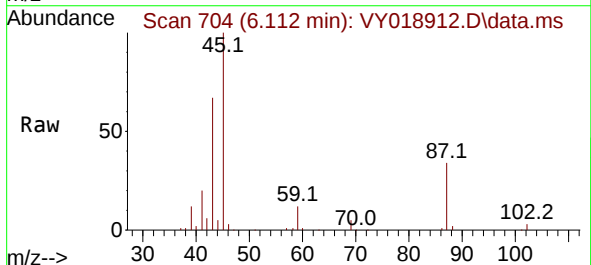
Ion Ratio Lower Upper

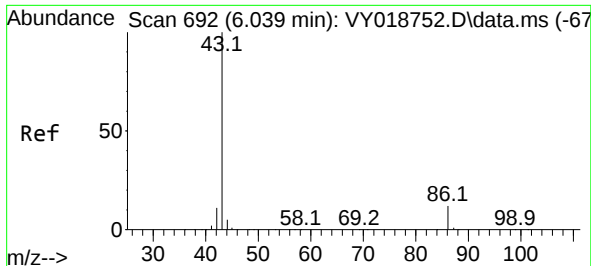
45 100

43 66.2 42.2 63.2#

87 33.6 25.0 37.6

59 12.1 10.5 15.7

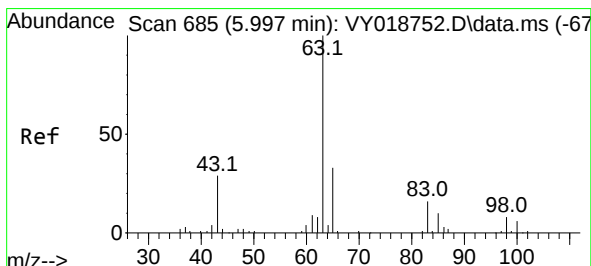
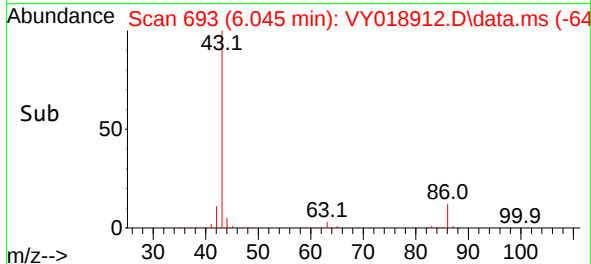
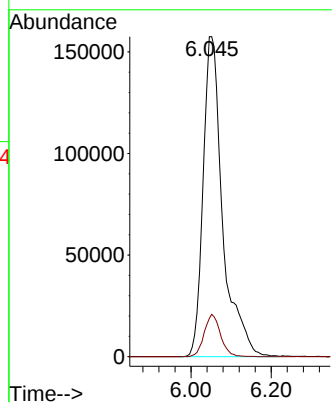
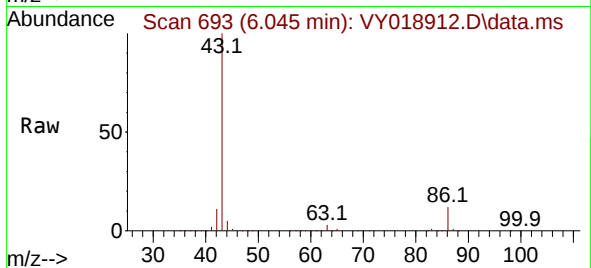




#23
 Vinyl Acetate
 Concen: 253.107 ug/l
 RT: 6.045 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY018912.D
 Acq: 25 Jul 2024 11:04

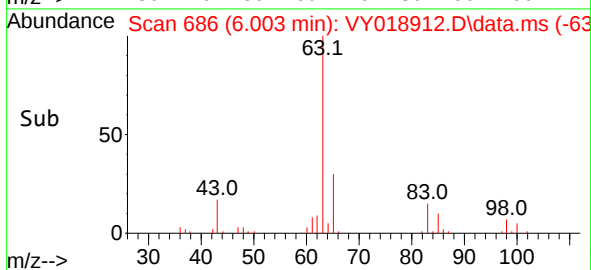
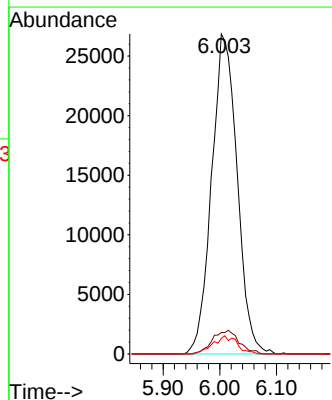
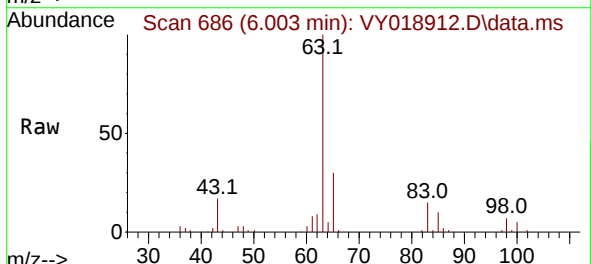
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

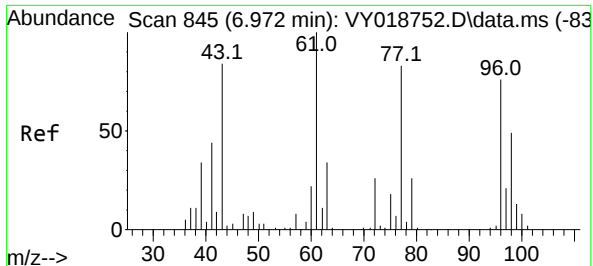
Tgt Ion: 43 Resp: 534614
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.940 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: VY018912.D
 Acq: 25 Jul 2024 11:04

Tgt Ion: 63 Resp: 83775
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.2
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 259.380 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

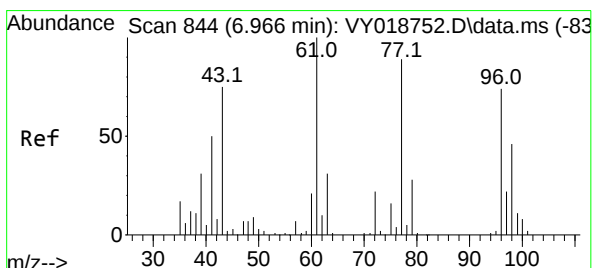
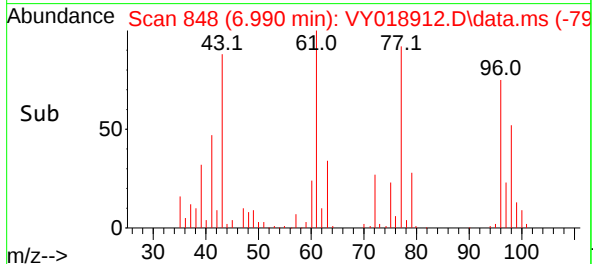
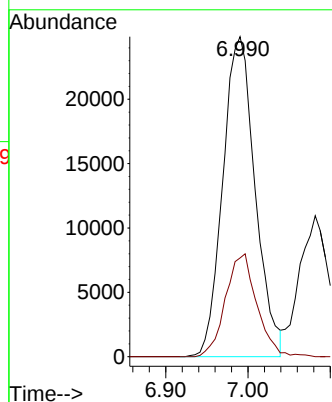
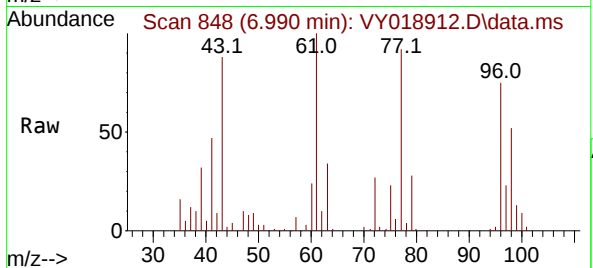
VSTDCCC050

Tgt Ion: 43 Resp: 67922

Ion Ratio Lower Upper

43 100

72 30.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 49.538 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.024 min

Lab File: VY018912.D

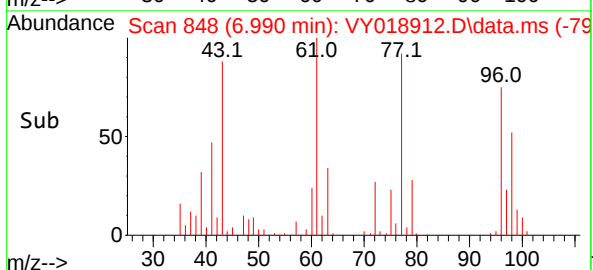
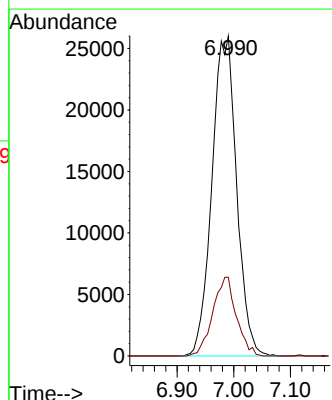
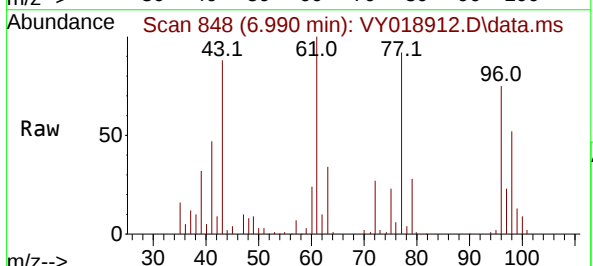
Acq: 25 Jul 2024 11:04

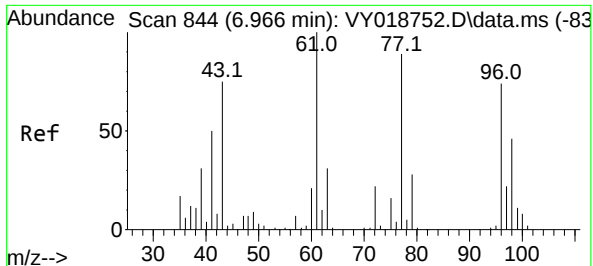
Tgt Ion: 77 Resp: 78680

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1



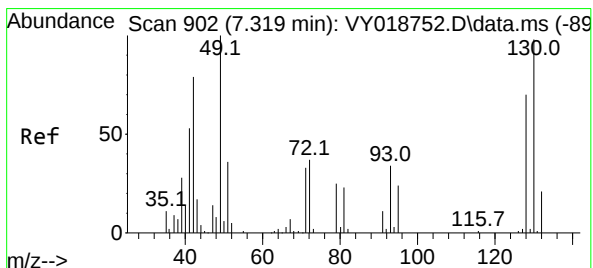
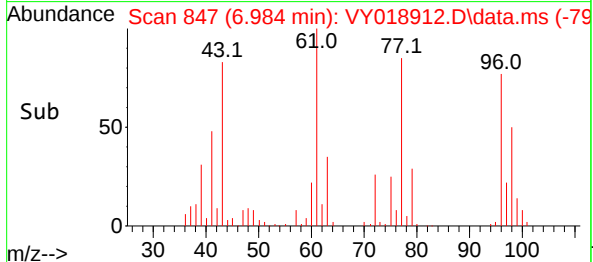
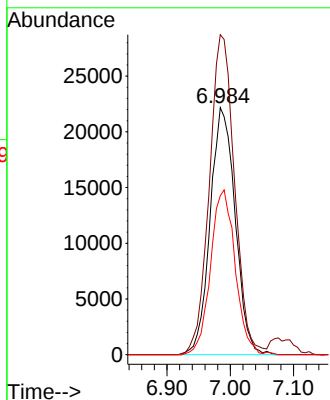
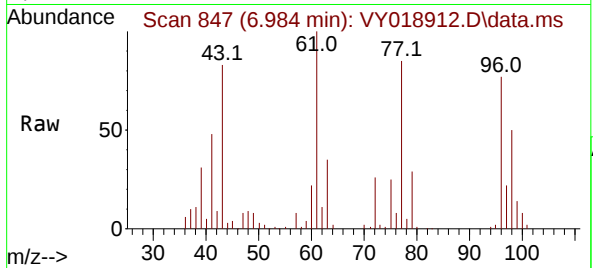


#27
 cis-1,2-Dichloroethene
 Concen: 49.814 ug/l
 RT: 6.984 min Scan# 844
 Delta R.T. 0.018 min
 Lab File: VY018912.D
 Acq: 25 Jul 2024 11:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 60897

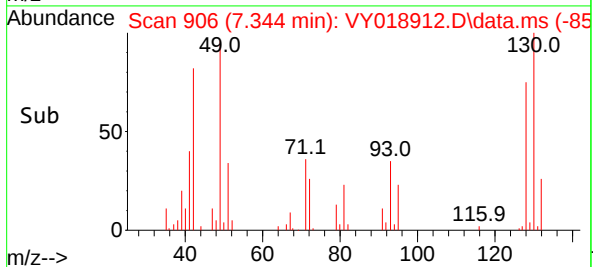
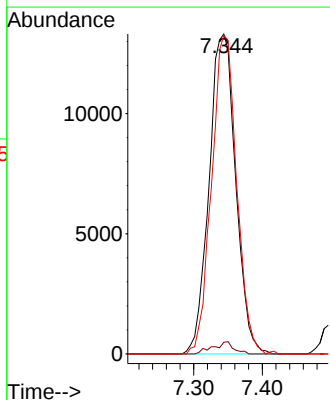
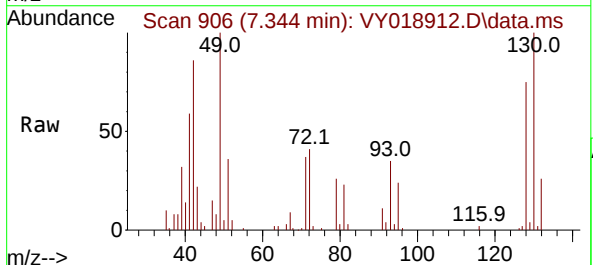
Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	256.2
98	65.4	0.0	130.0

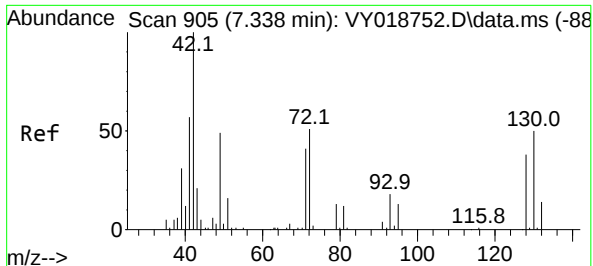


#28
 Bromochloromethane
 Concen: 52.234 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.024 min
 Lab File: VY018912.D
 Acq: 25 Jul 2024 11:04

Tgt Ion: 49 Resp: 35912

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.6
130	93.8	72.7	109.1





#29

Tetrahydrofuran

Concen: 260.288 ug/l

RT: 7.362 min Scan# 905

Delta R.T. 0.024 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

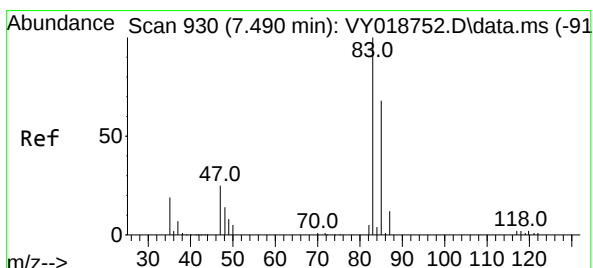
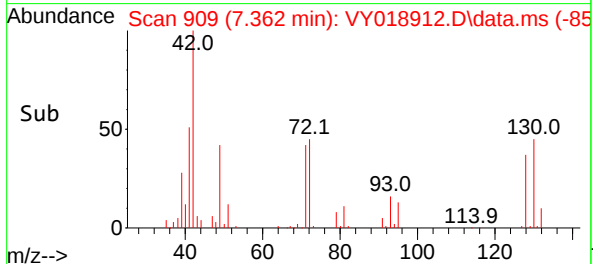
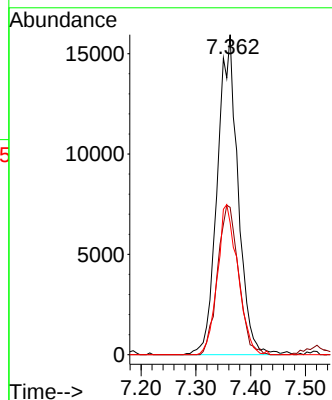
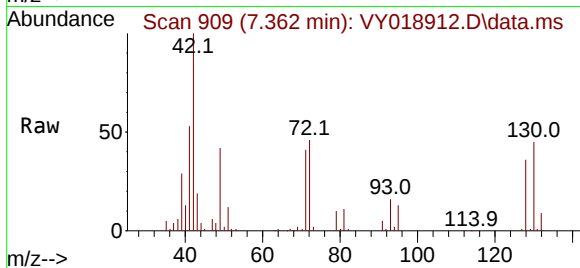
Tgt Ion: 42 Resp: 41786

Ion Ratio Lower Upper

42 100

72 47.6 43.0 64.4

71 46.4 40.8 61.2



#30

Chloroform

Concen: 51.022 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.031 min

Lab File: VY018912.D

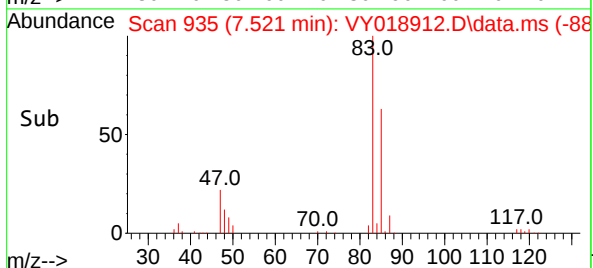
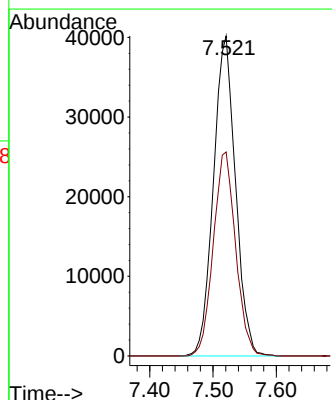
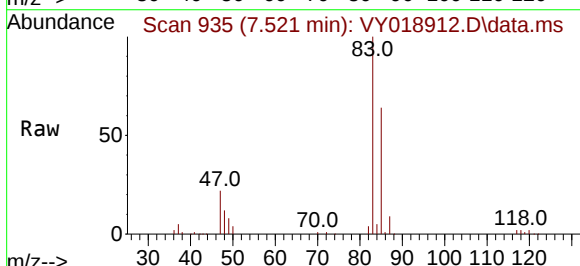
Acq: 25 Jul 2024 11:04

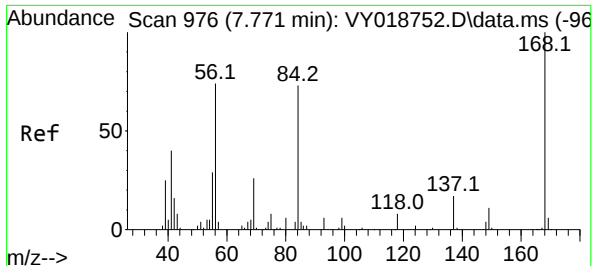
Tgt Ion: 83 Resp: 97338

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.4

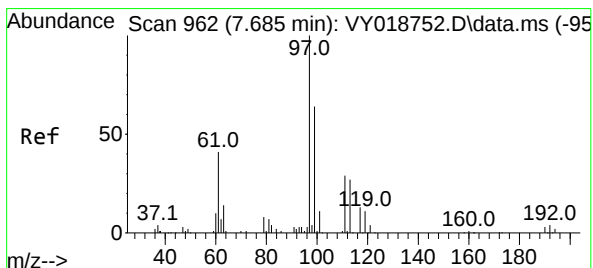
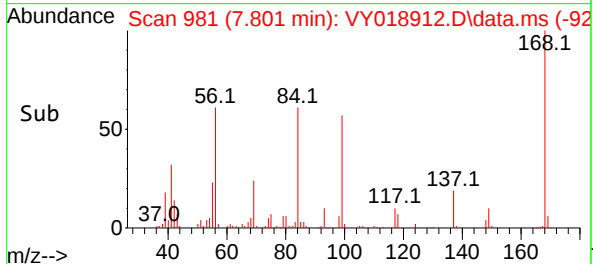
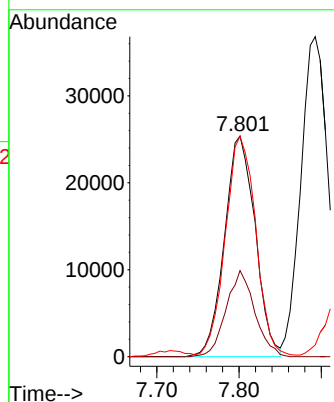
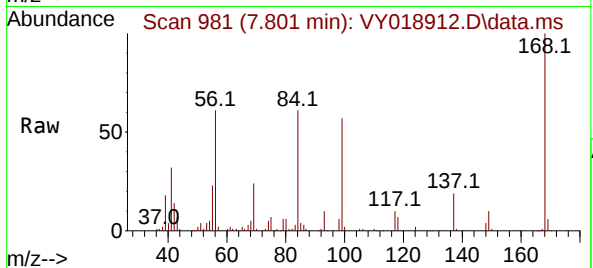




#31
Cyclohexane
Concen: 42.349 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.031 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

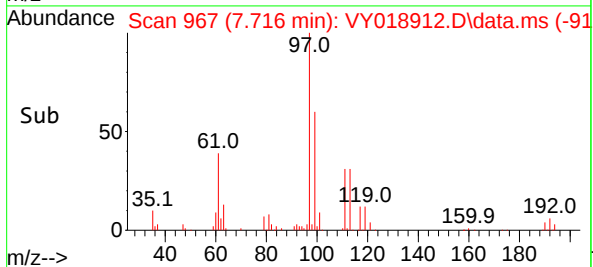
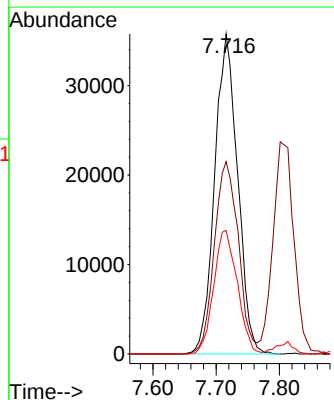
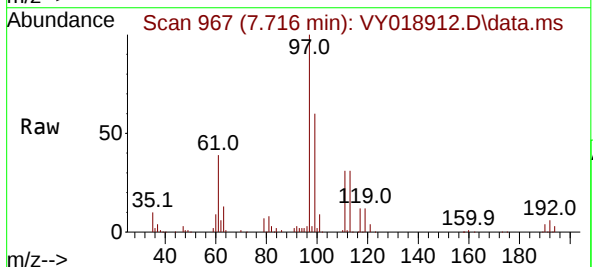
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

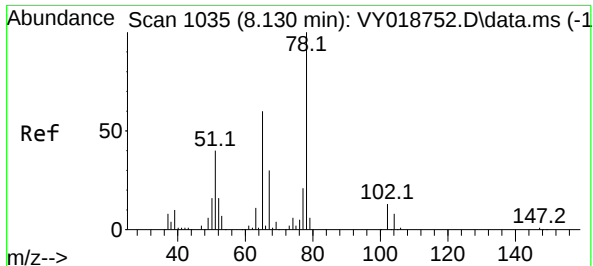
Tgt Ion: 56 Resp: 65927
Ion Ratio Lower Upper
56 100
69 38.5 28.7 43.1
84 97.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 50.684 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.031 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 97 Resp: 89914
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 39.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 45.945 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.037 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

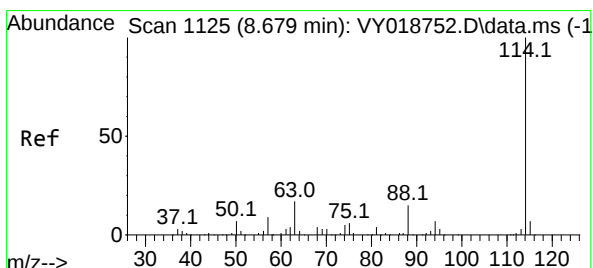
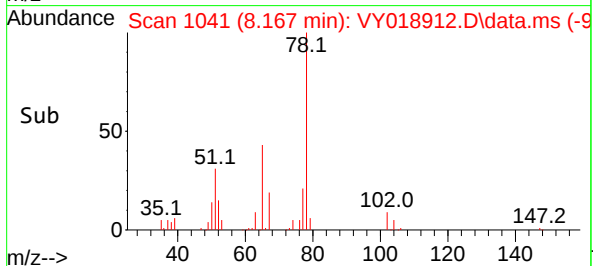
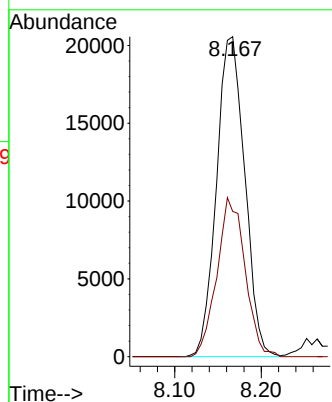
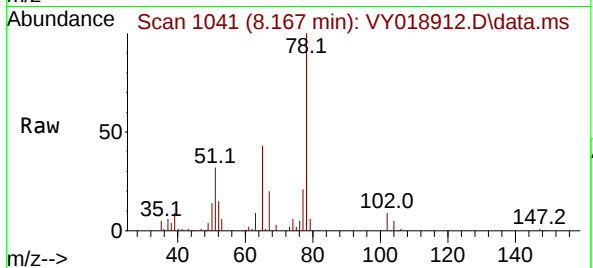
VSTDCCC050

Tgt Ion: 65 Resp: 46556

Ion Ratio Lower Upper

65 100

67 49.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.043 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

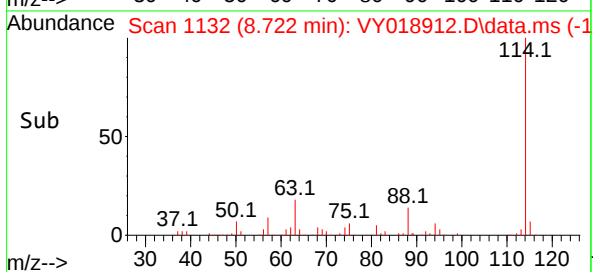
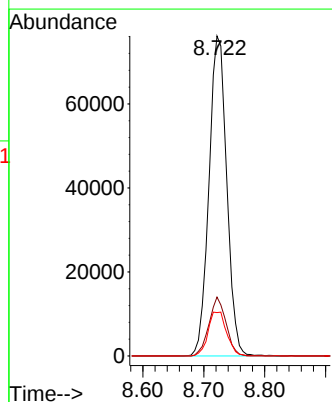
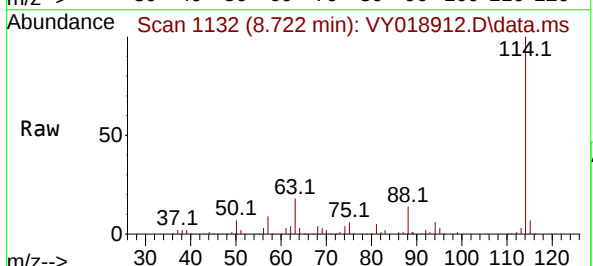
Tgt Ion: 114 Resp: 154398

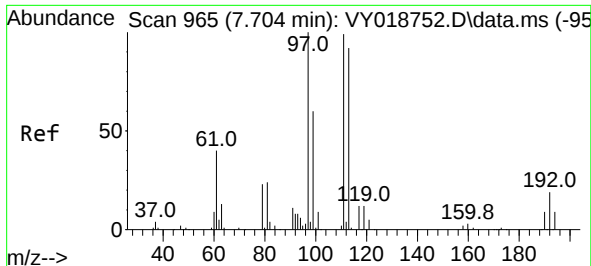
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 13.6 0.0 27.2

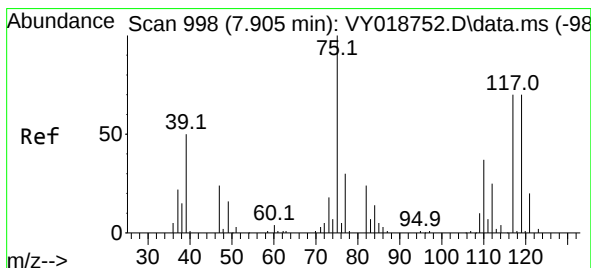
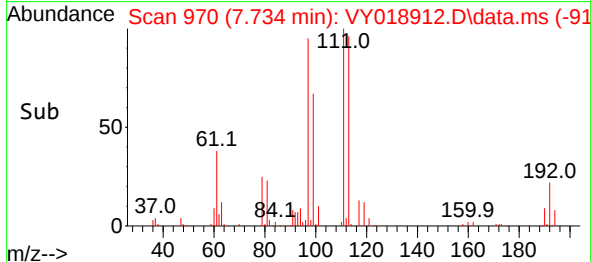
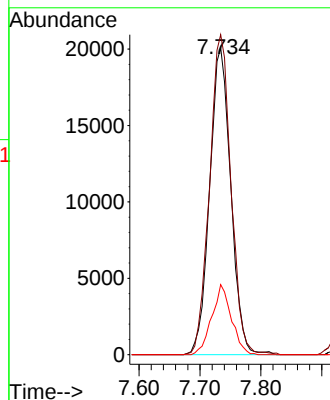
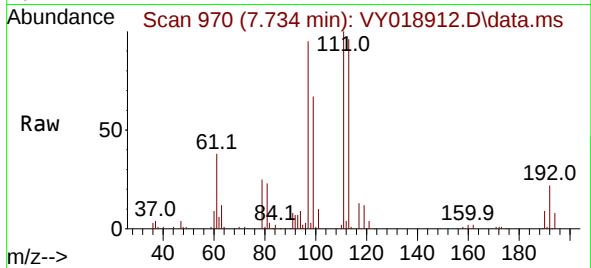




#35
Dibromofluoromethane
Concen: 50.054 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.031 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

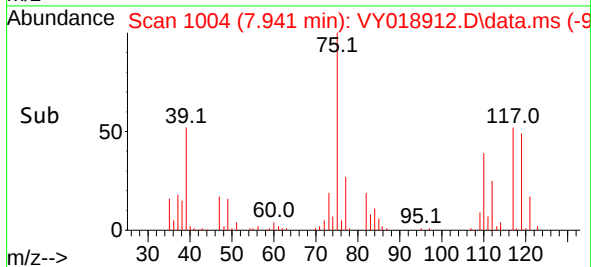
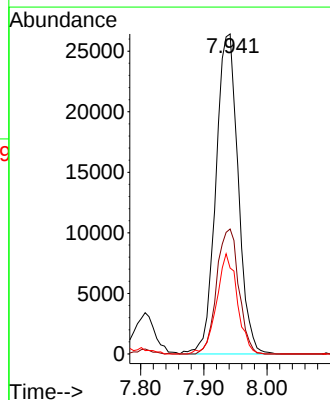
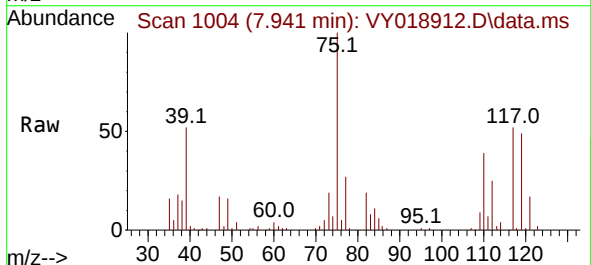
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

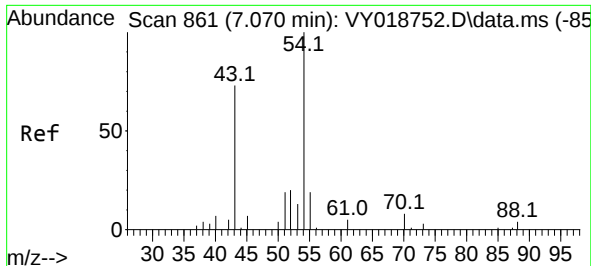
Tgt Ion:113 Resp: 48404
Ion Ratio Lower Upper
113 100
111 105.6 82.2 123.4
192 21.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.360 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.037 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 75 Resp: 64538
Ion Ratio Lower Upper
75 100
110 38.6 19.0 57.0
77 29.0 25.3 37.9





#37

Ethyl Acetate

Concen: 52.788 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

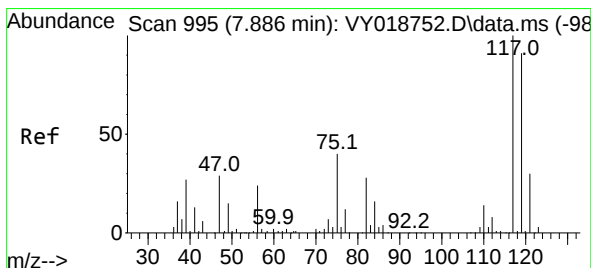
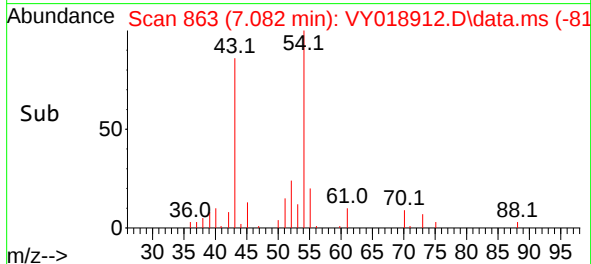
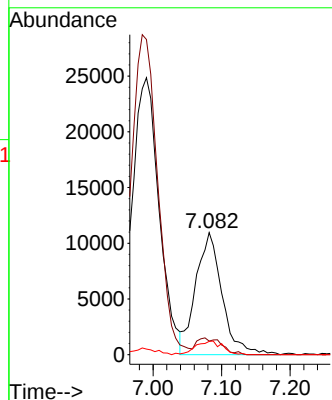
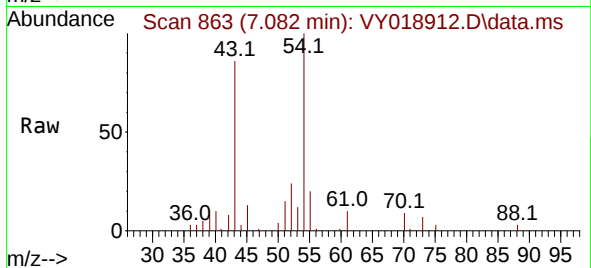
Tgt Ion: 43 Resp: 29282

Ion Ratio Lower Upper

43 100

61 12.9 12.6 19.0

70 11.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 50.323 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.031 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

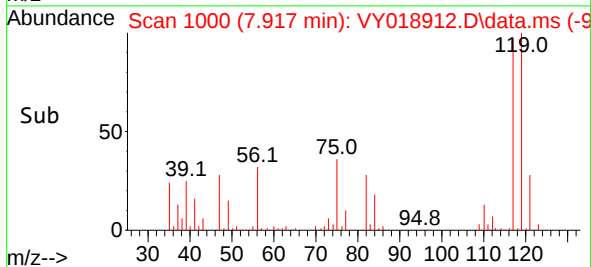
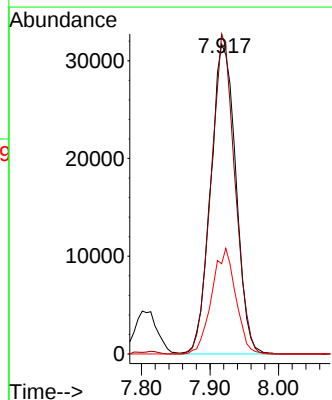
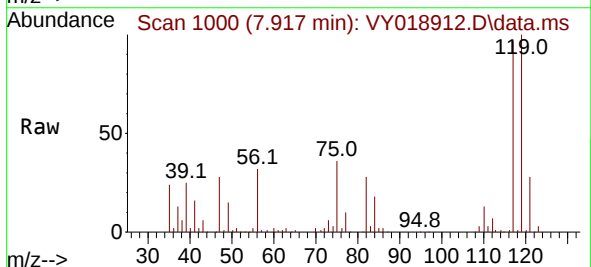
Tgt Ion: 117 Resp: 80886

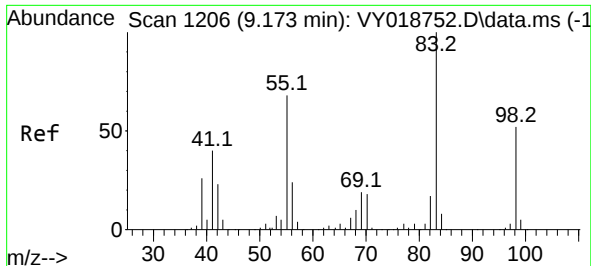
Ion Ratio Lower Upper

117 100

119 103.2 75.8 113.6

121 29.1 24.0 36.0





#39

Methylcyclohexane

Concen: 47.143 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.049 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

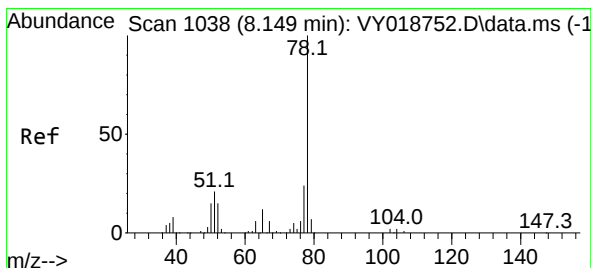
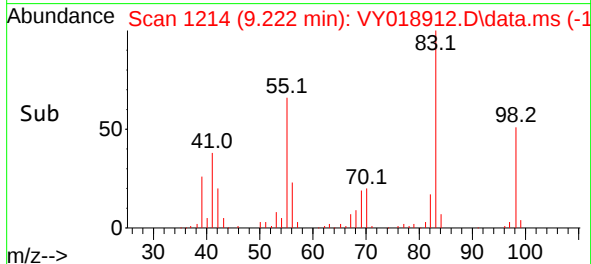
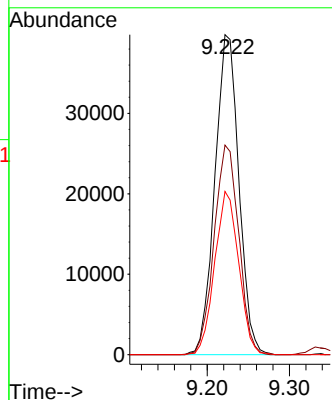
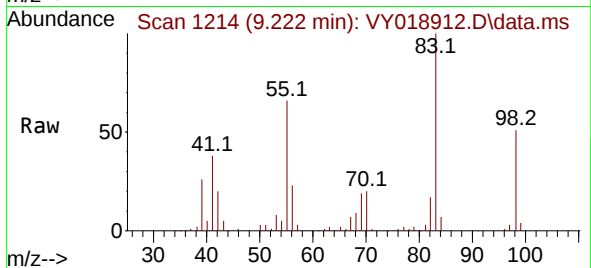
Tgt Ion: 83 Resp: 80624

Ion Ratio Lower Upper

83 100

55 65.5 51.5 77.3

98 51.0 40.5 60.7



#40

Benzene

Concen: 51.127 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.036 min

Lab File: VY018912.D

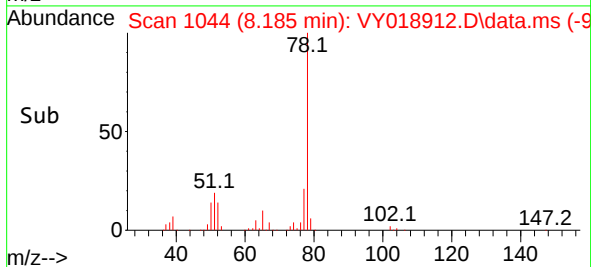
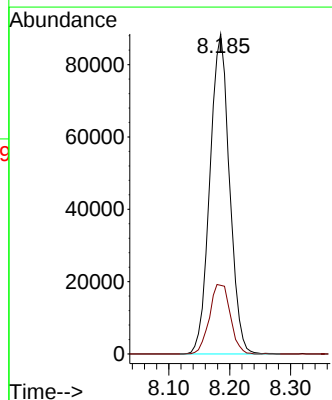
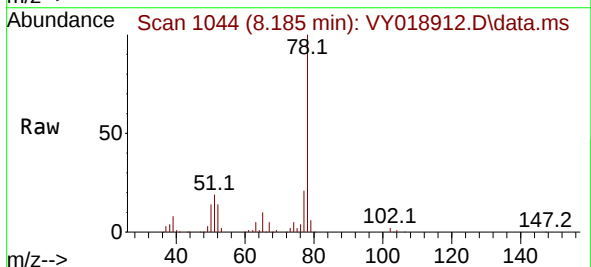
Acq: 25 Jul 2024 11:04

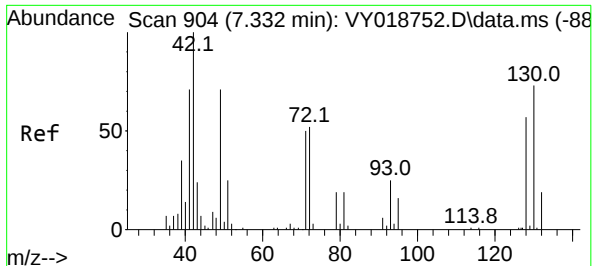
Tgt Ion: 78 Resp: 197930

Ion Ratio Lower Upper

78 100

77 21.4 19.5 29.3

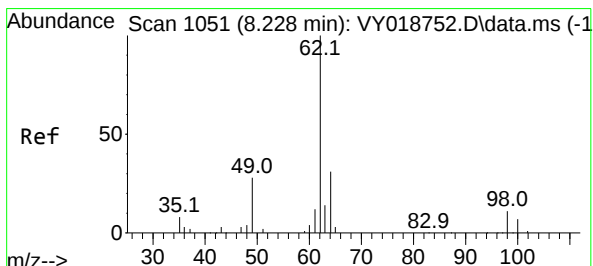
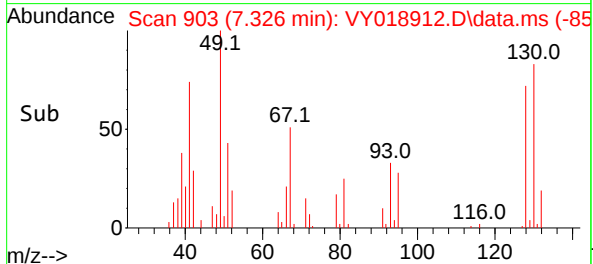
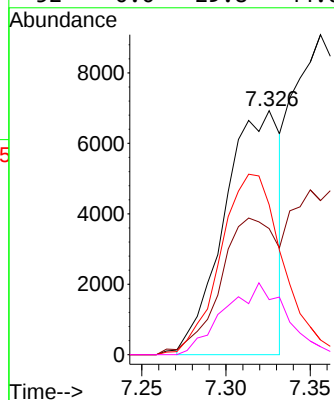
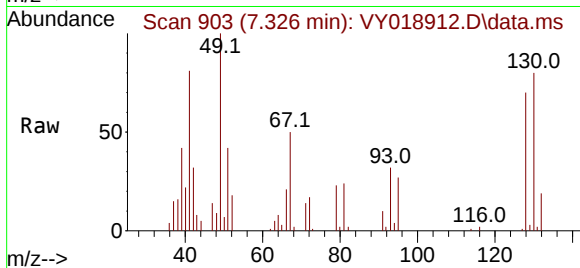




#41
Methacrylonitrile
Concen: 50.307 ug/l m
RT: 7.326 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

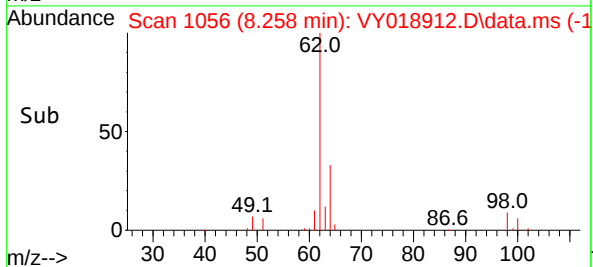
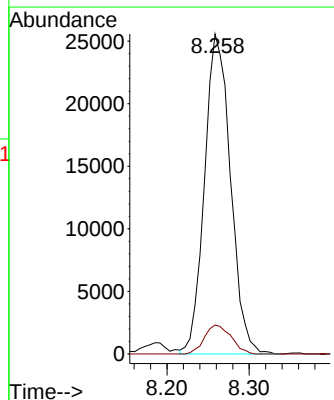
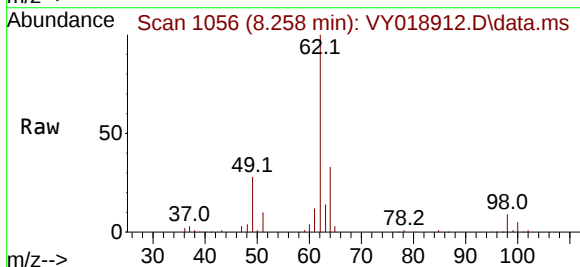
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

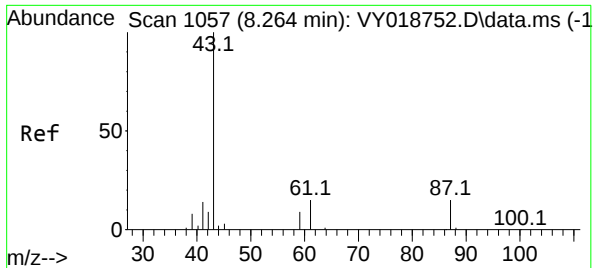
Tgt Ion: 41 Resp: 15910
Ion Ratio Lower Upper
41 100
39 77.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 51.806 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.030 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 62 Resp: 56152
Ion Ratio Lower Upper
62 100
98 9.3 0.0 22.0

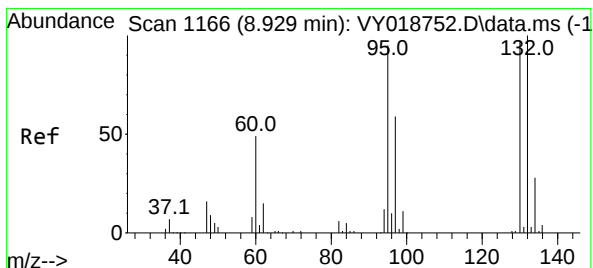
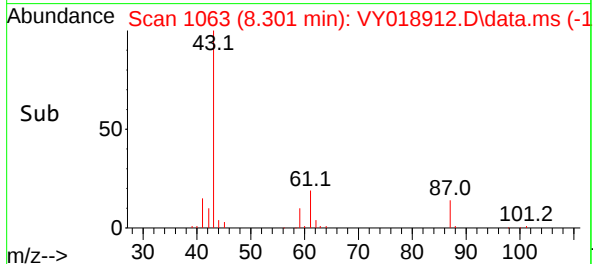
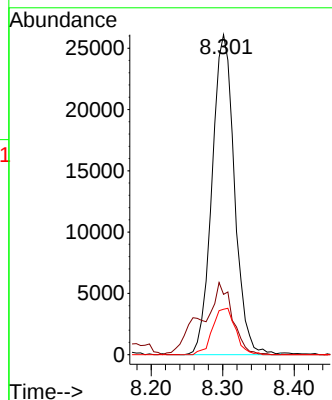
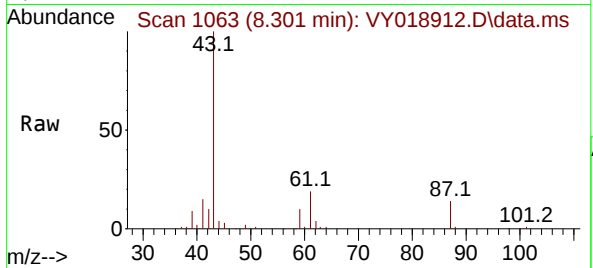




#43
Isopropyl Acetate
Concen: 51.533 ug/l
RT: 8.301 min Scan# 1174
Delta R.T. 0.037 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

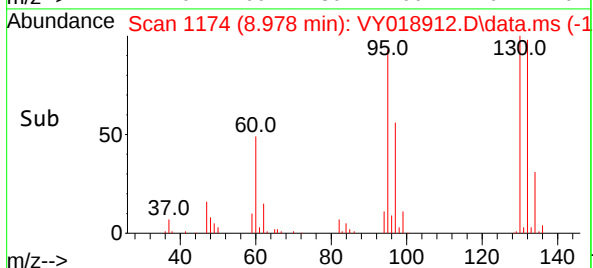
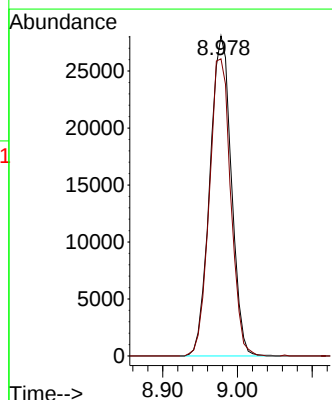
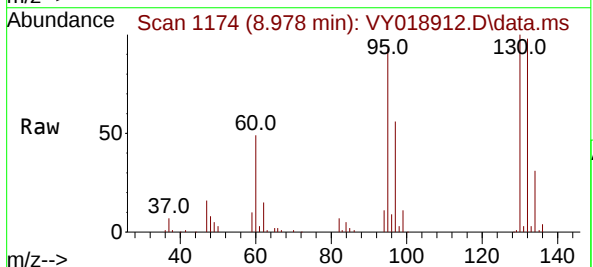
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

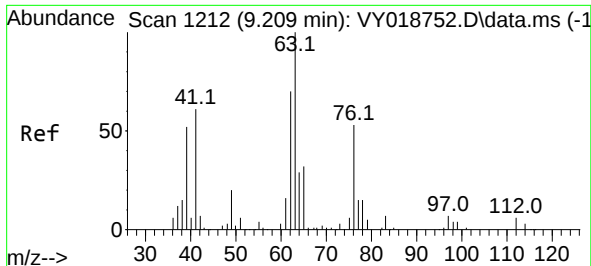
Tgt Ion: 43 Resp: 56881
Ion Ratio Lower Upper
43 100
61 20.1 27.9 41.9#
87 14.8 13.1 19.7



#44
Trichloroethene
Concen: 50.797 ug/l
RT: 8.978 min Scan# 1174
Delta R.T. 0.049 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion:130 Resp: 56213
Ion Ratio Lower Upper
130 100
95 92.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.645 ug/l

RT: 9.258 min Scan# 11

Delta R.T. 0.049 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

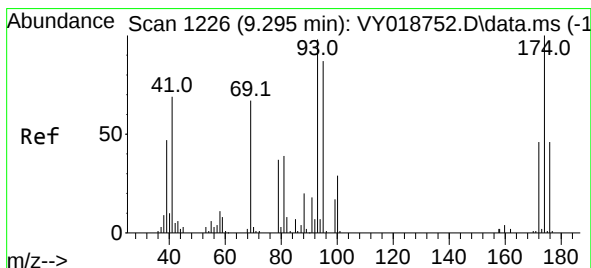
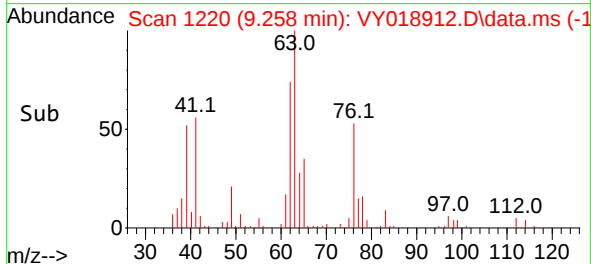
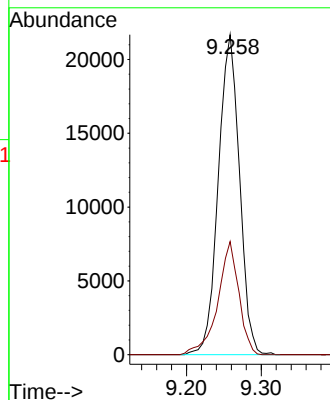
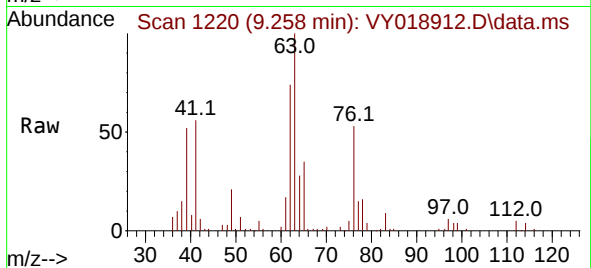
VSTDCCC050

Tgt Ion: 63 Resp: 42695

Ion Ratio Lower Upper

63 100

65 35.3 25.4 38.2



#46

Dibromomethane

Concen: 52.613 ug/l

RT: 9.344 min Scan# 1234

Delta R.T. 0.049 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

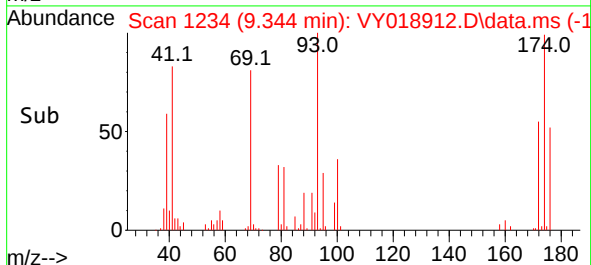
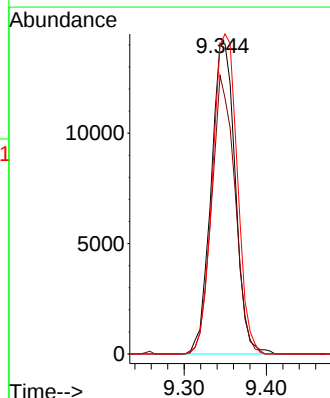
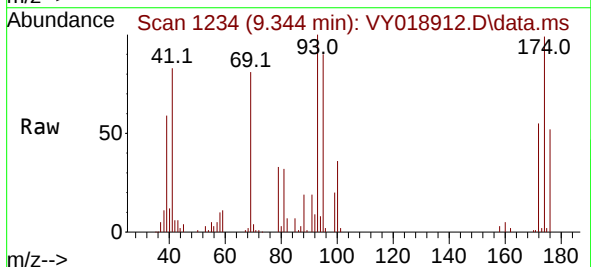
Tgt Ion: 93 Resp: 28750

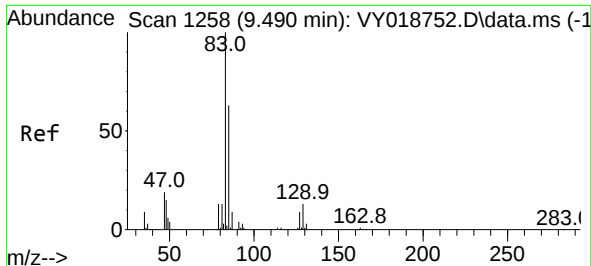
Ion Ratio Lower Upper

93 100

95 86.3 66.2 99.4

174 105.3 80.9 121.3

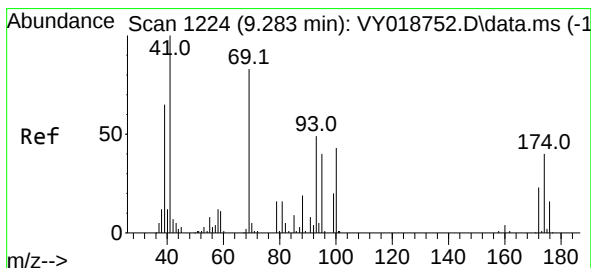
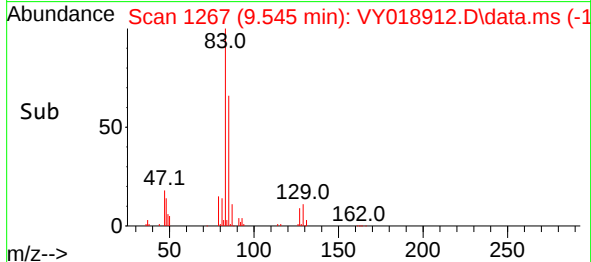
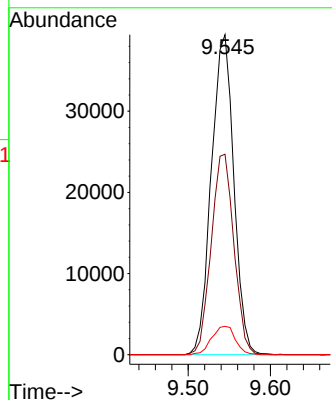
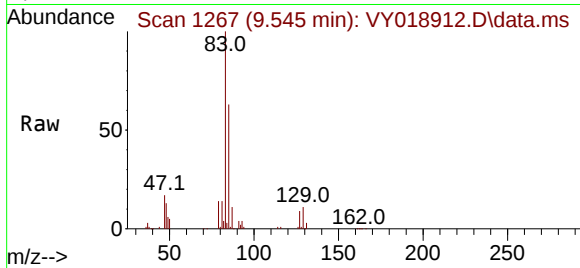




#47
Bromodichloromethane
Concen: 54.816 ug/l
RT: 9.545 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

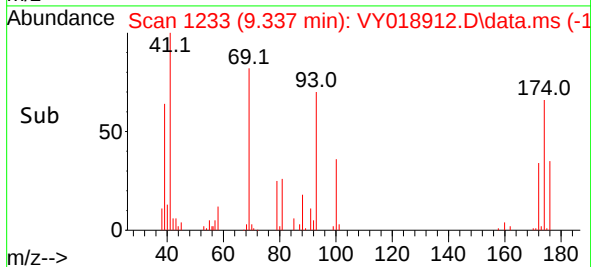
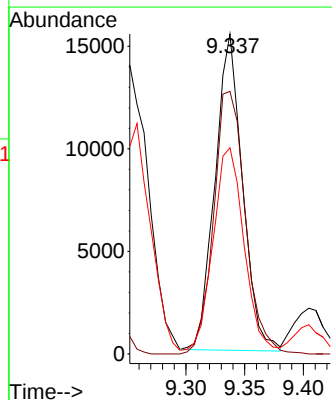
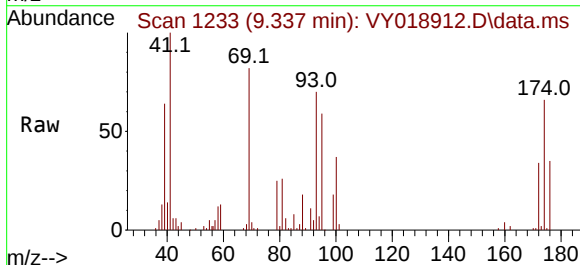
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

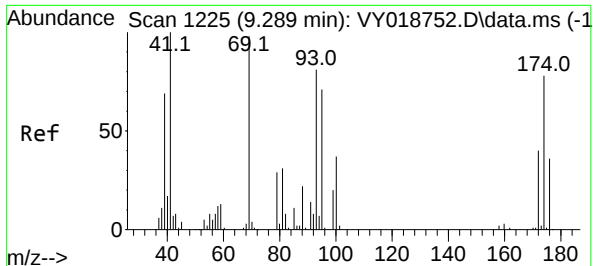
Tgt Ion: 83 Resp: 74829
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 50.028 ug/l
RT: 9.337 min Scan# 1233
Delta R.T. 0.055 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 41 Resp: 25099
Ion Ratio Lower Upper
41 100
69 95.5 84.1 126.1
39 71.8 43.6 65.4





#49

1,4-Dioxane

Concen: 1041.136 ug/l

RT: 9.337 min Scan# 11

Delta R.T. 0.048 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

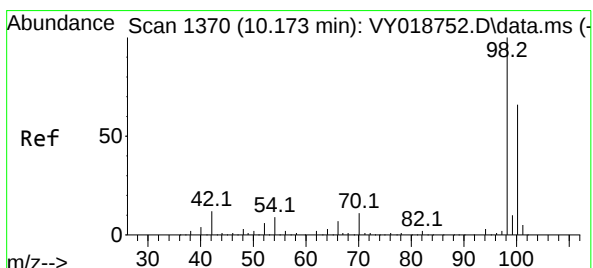
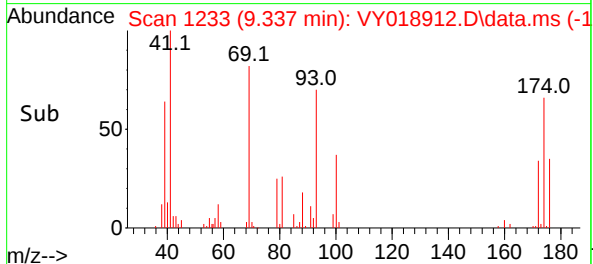
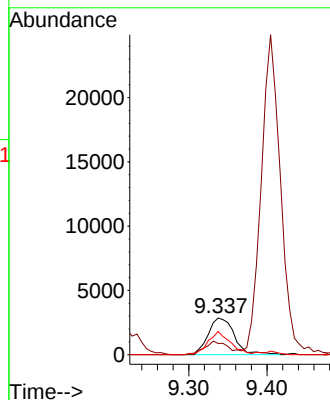
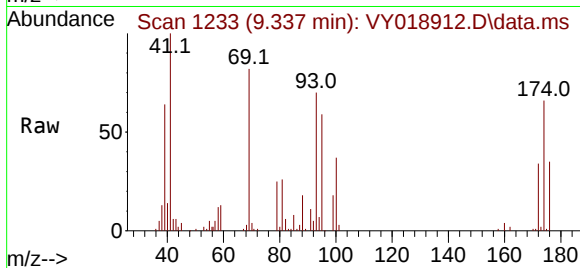
Tgt Ion: 88 Resp: 6669

Ion Ratio Lower Upper

88 100

43 33.1 0.0 0.0#

58 53.7 49.3 73.9



#50

Toluene-d8

Concen: 45.957 ug/l

RT: 10.234 min Scan# 1380

Delta R.T. 0.061 min

Lab File: VY018912.D

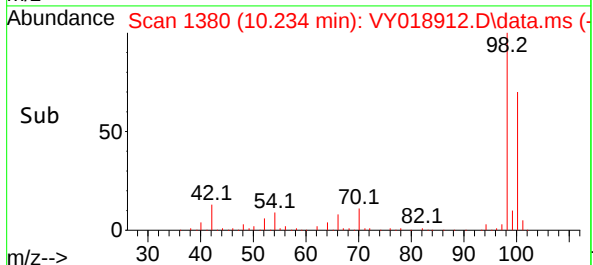
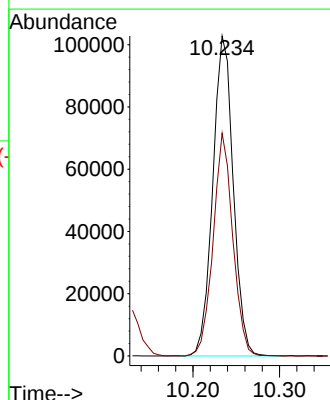
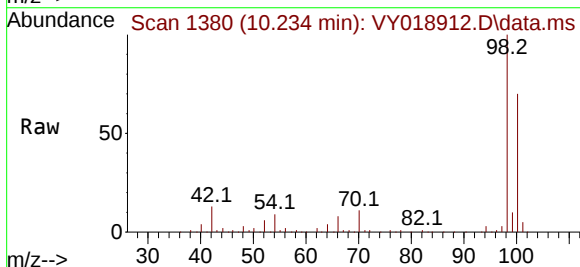
Acq: 25 Jul 2024 11:04

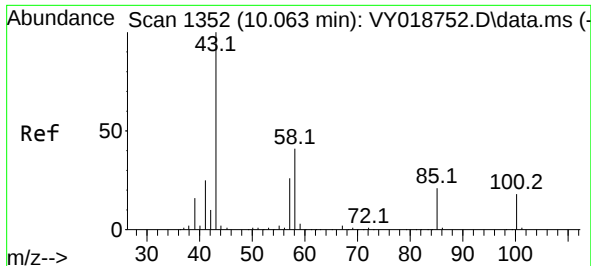
Tgt Ion: 98 Resp: 168373

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0

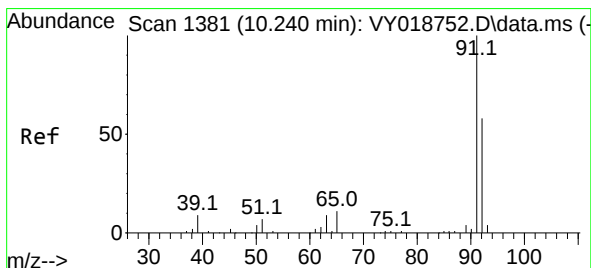
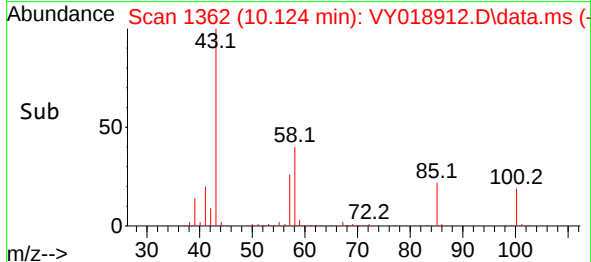
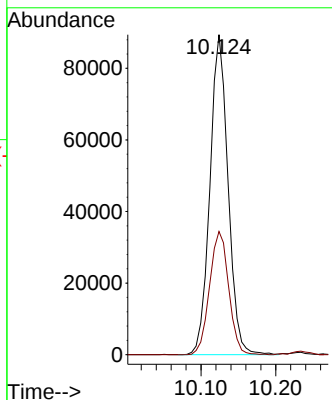
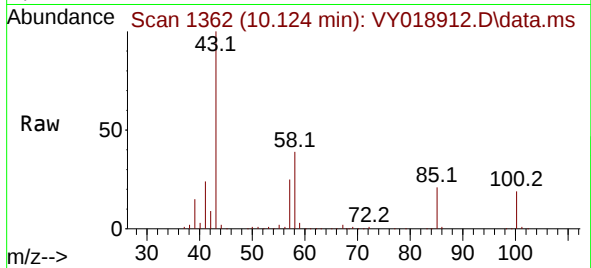




#51
4-Methyl-2-Pentanone
Concen: 267.661 ug/l
RT: 10.124 min Scan# 1362
Delta R.T. 0.061 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

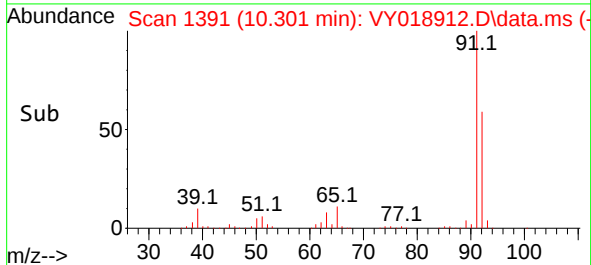
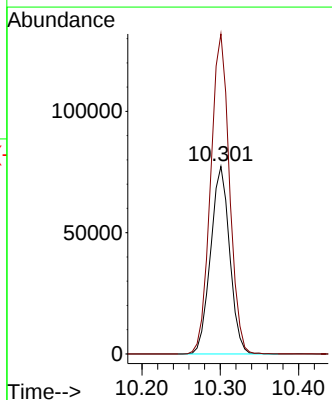
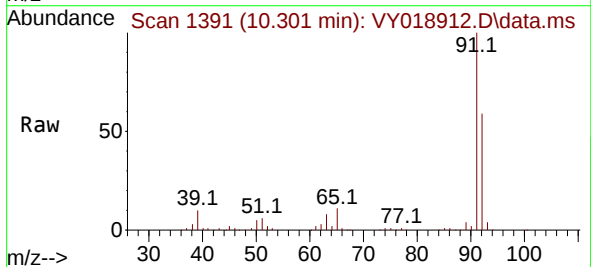
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

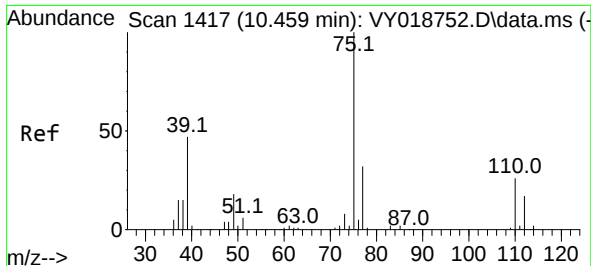
Tgt Ion: 43 Resp: 150838
Ion Ratio Lower Upper
43 100
58 40.5 35.7 53.5



#52
Toluene
Concen: 50.704 ug/l
RT: 10.301 min Scan# 1391
Delta R.T. 0.061 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 92 Resp: 130467
Ion Ratio Lower Upper
92 100
91 169.1 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 53.351 ug/l

RT: 10.526 min Scan# 1417

Delta R.T. 0.067 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

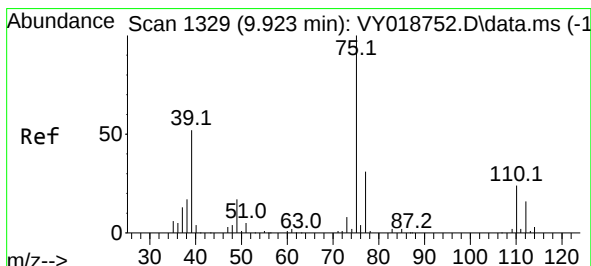
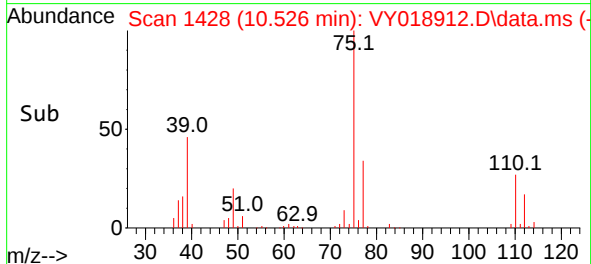
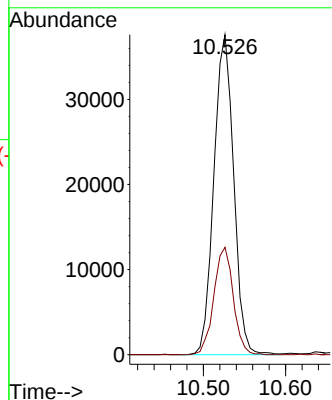
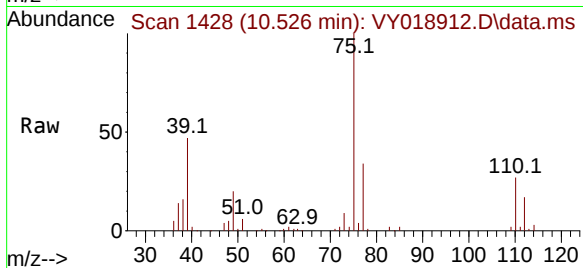
VSTDCCC050

Tgt Ion: 75 Resp: 62882

Ion Ratio Lower Upper

75 100

77 33.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 53.045 ug/l

RT: 9.978 min Scan# 1338

Delta R.T. 0.055 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

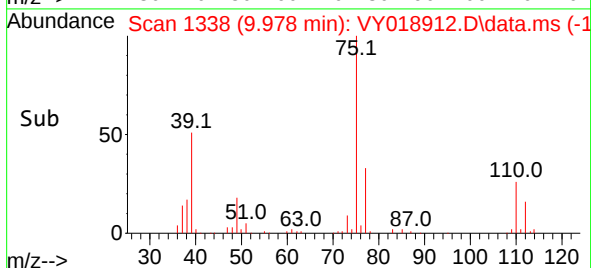
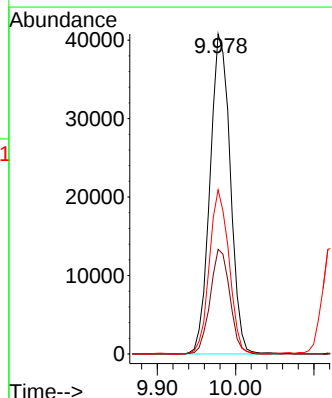
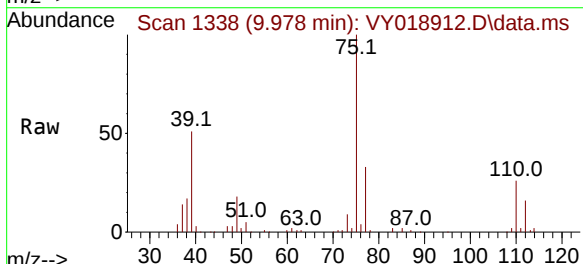
Tgt Ion: 75 Resp: 73347

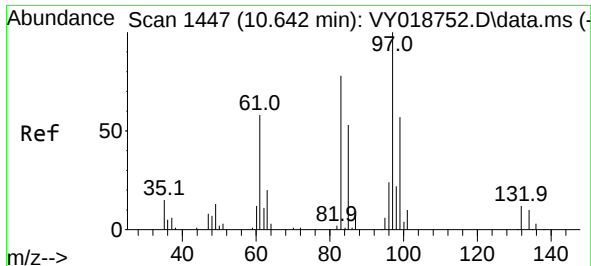
Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0

39 51.3 29.8 44.6#

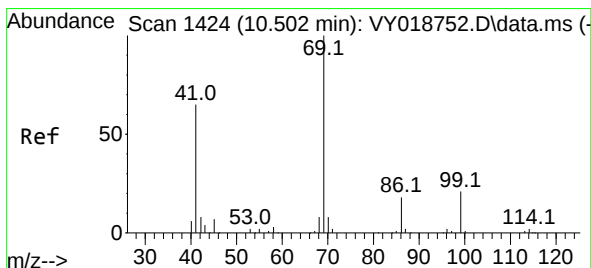
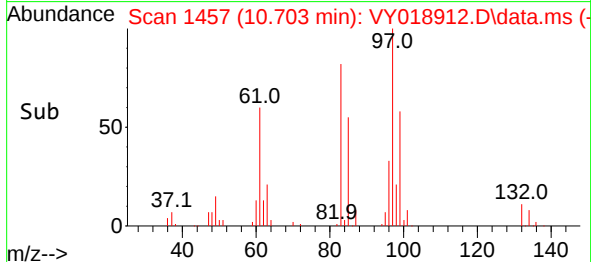
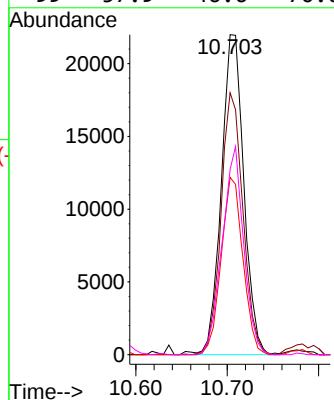
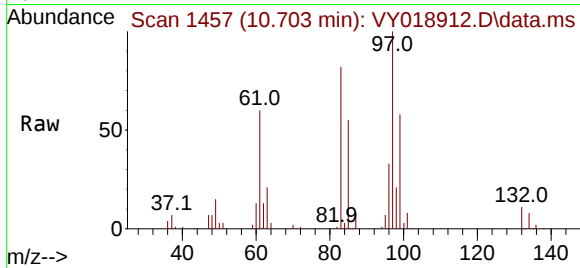




#55
1,1,2-Trichloroethane
Concen: 54.558 ug/l
RT: 10.703 min Scan# 1447
Delta R.T. 0.061 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

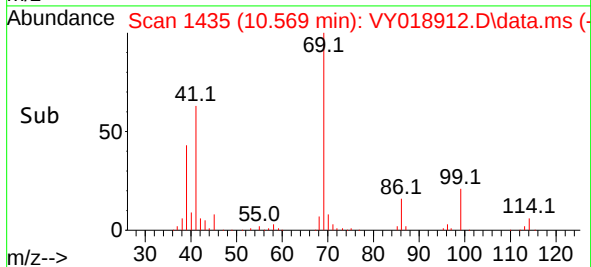
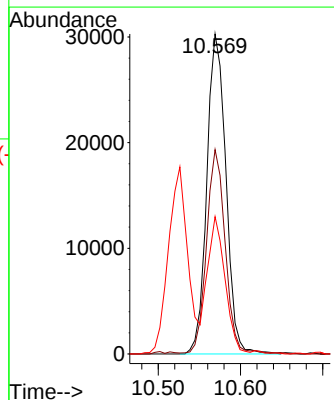
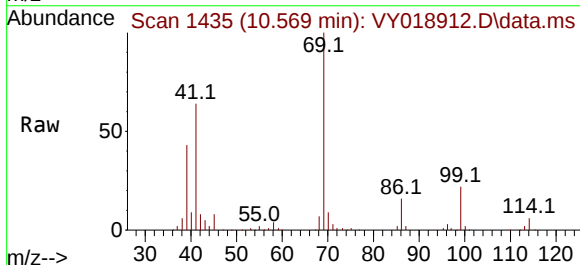
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

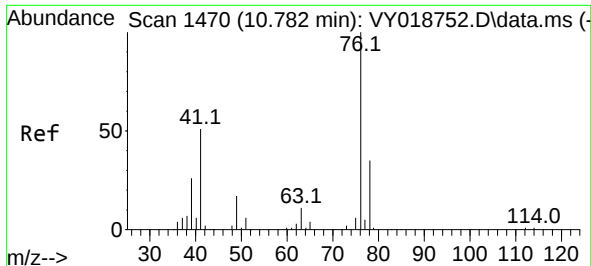
Tgt Ion: 97	Resp: 37752
Ion Ratio	Lower Upper
97 100	
83 81.8	67.5 101.3
85 55.4	42.9 64.3
99 57.9	46.6 70.0



#56
Ethyl methacrylate
Concen: 53.583 ug/l
RT: 10.569 min Scan# 1435
Delta R.T. 0.067 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 69	Resp: 48815
Ion Ratio	Lower Upper
69 100	
41 61.8	42.3 63.5
39 38.8	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 52.363 ug/l

RT: 10.855 min Scan# 1470

Delta R.T. 0.073 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

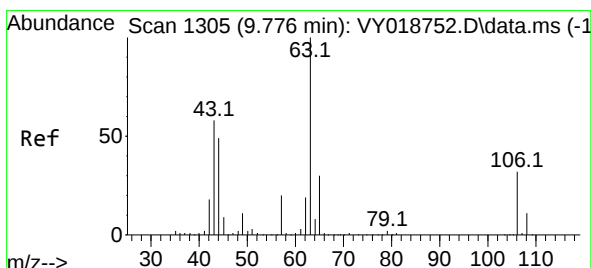
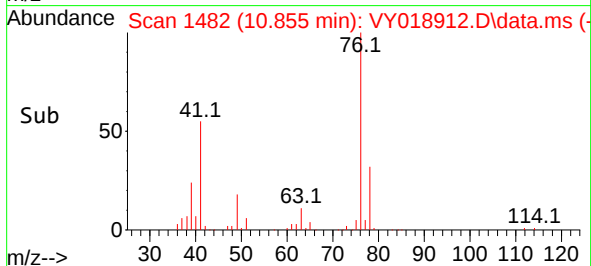
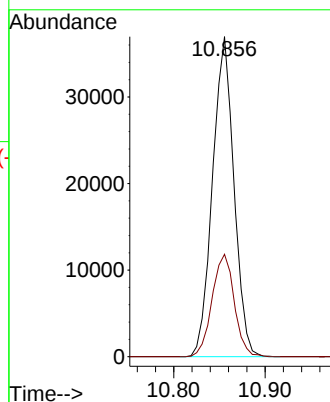
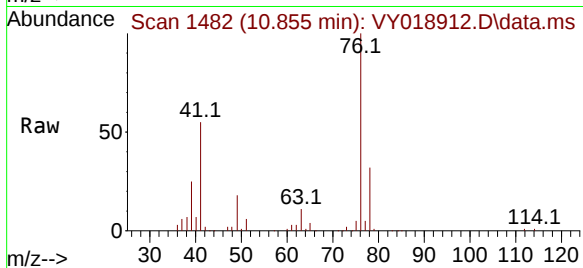
VSTDCCC050

Tgt Ion: 76 Resp: 60064

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 268.539 ug/l

RT: 9.831 min Scan# 1314

Delta R.T. 0.055 min

Lab File: VY018912.D

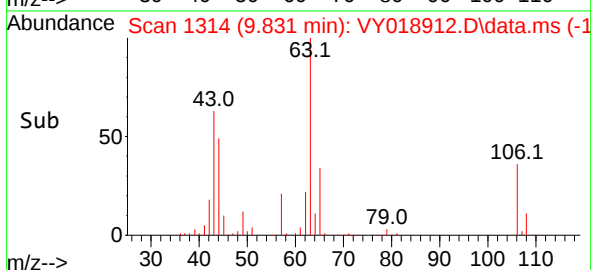
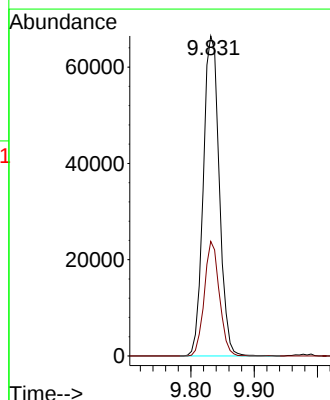
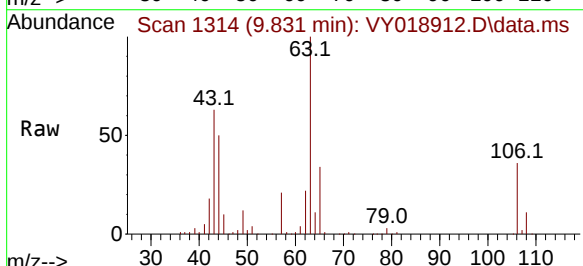
Acq: 25 Jul 2024 11:04

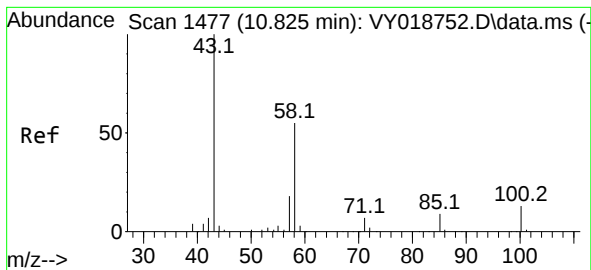
Tgt Ion: 63 Resp: 116879

Ion Ratio Lower Upper

63 100

106 33.8 23.7 35.5

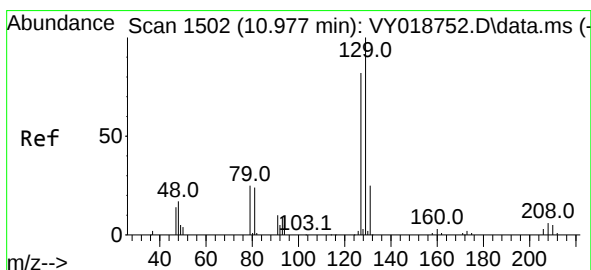
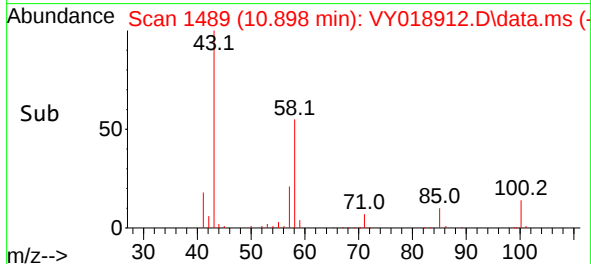
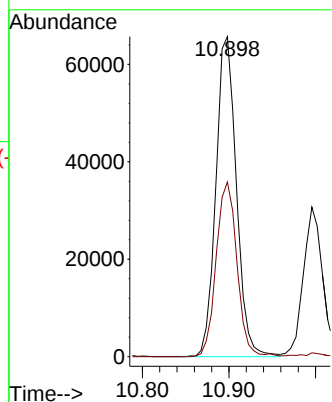
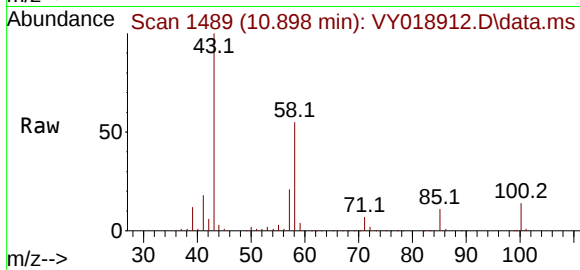




#59
2-Hexanone
Concen: 274.535 ug/l
RT: 10.898 min Scan# 1477
Delta R.T. 0.073 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

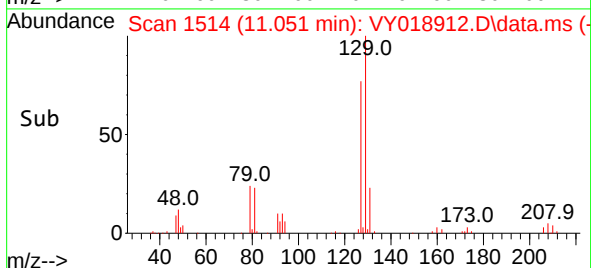
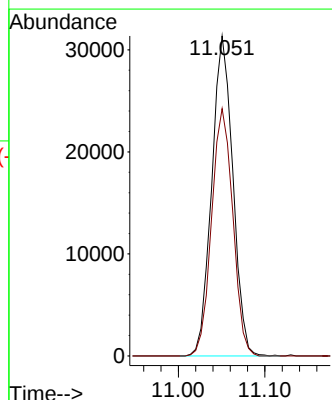
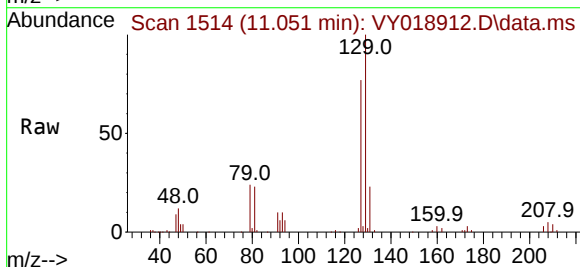
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

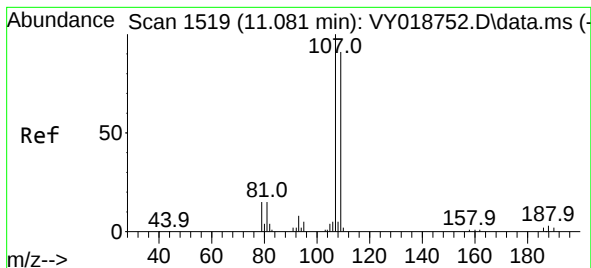
Tgt Ion: 43 Resp: 108236
Ion Ratio Lower Upper
43 100
58 55.2 31.4 94.0



#60
Dibromochloromethane
Concen: 55.848 ug/l
RT: 11.051 min Scan# 1514
Delta R.T. 0.073 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion:129 Resp: 53098
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

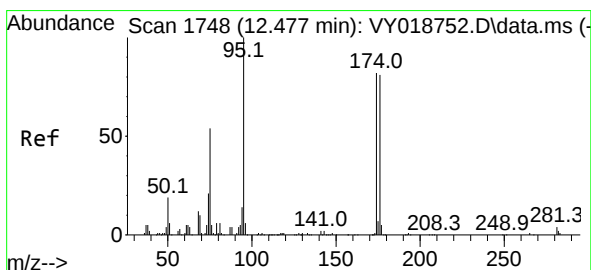
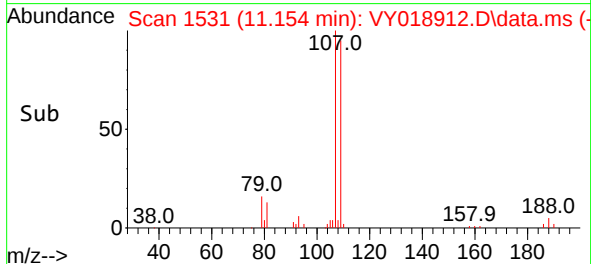
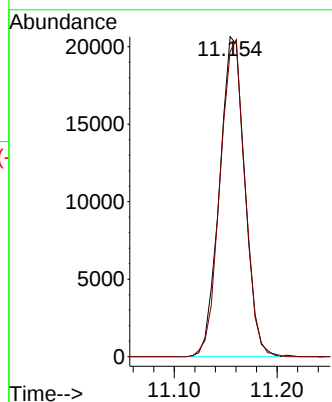
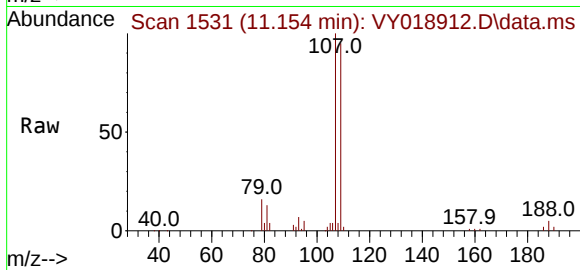




#61
1,2-Dibromoethane
Concen: 52.300 ug/l
RT: 11.154 min Scan# 1531
Delta R.T. 0.073 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

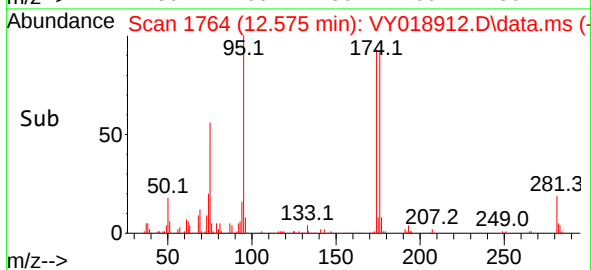
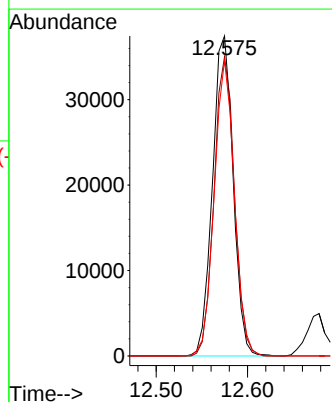
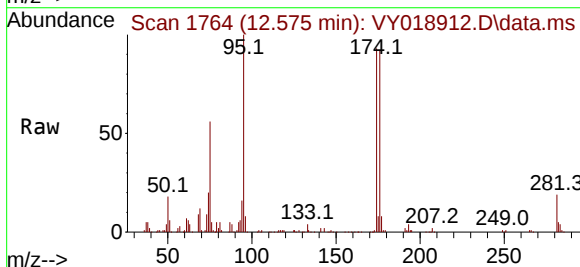
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

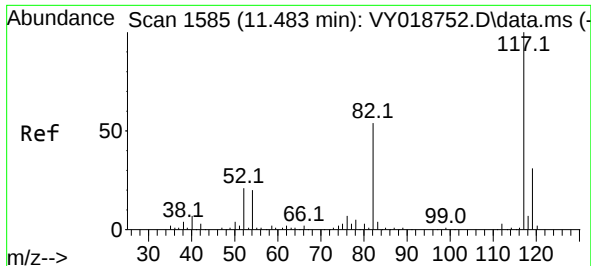
Tgt Ion:107 Resp: 35183
Ion Ratio Lower Upper
107 100
109 97.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.099 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. 0.098 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 95 Resp: 58928
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 90.0 0.0 171.4

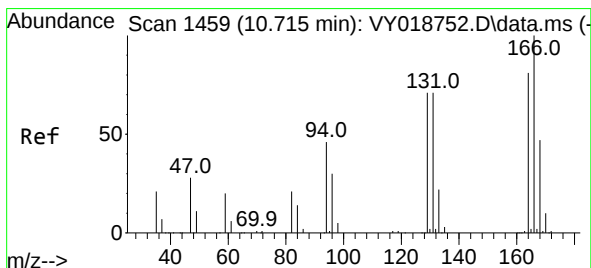
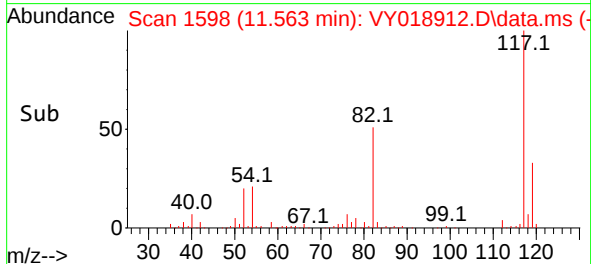
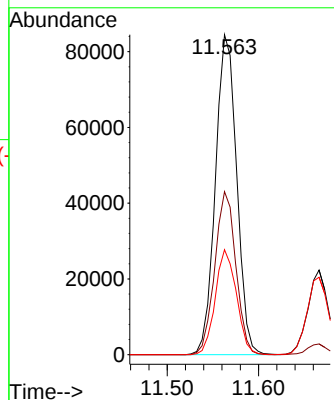
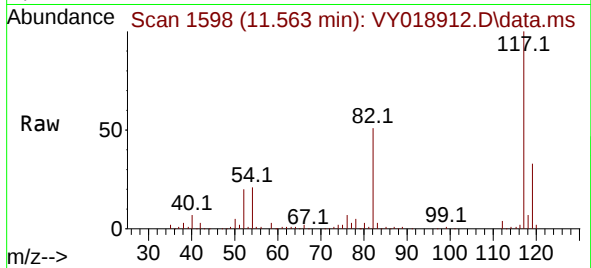




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 11
Delta R.T. 0.079 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

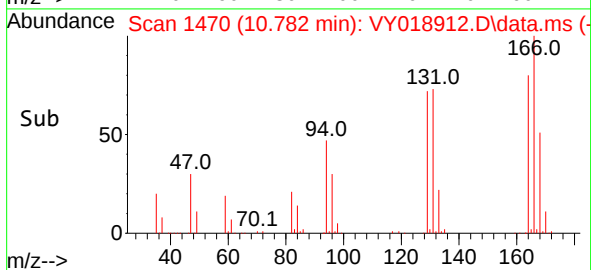
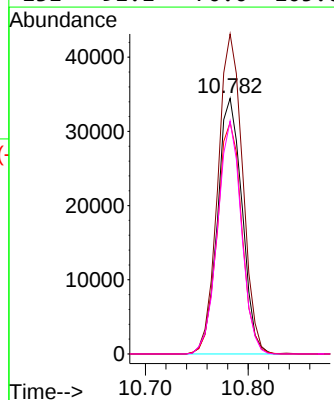
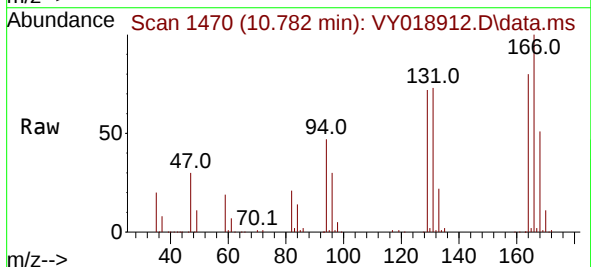
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

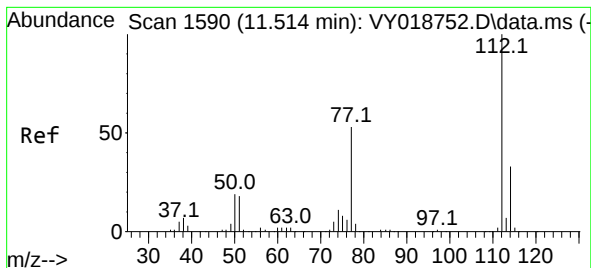
Tgt Ion:117 Resp: 136732
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 32.8 25.9 38.9



#64
Tetrachloroethene
Concen: 51.630 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.067 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion:164 Resp: 57141
Ion Ratio Lower Upper
164 100
166 125.2 102.6 154.0
129 90.6 72.0 108.0
131 91.1 70.0 105.0

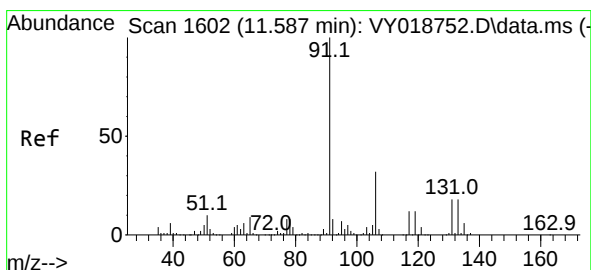
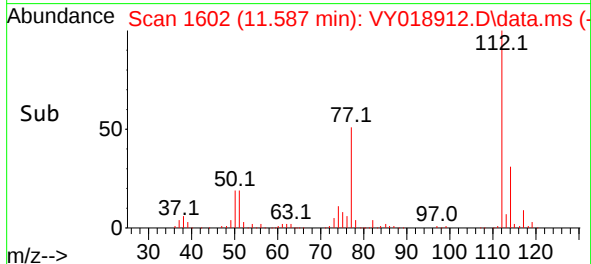
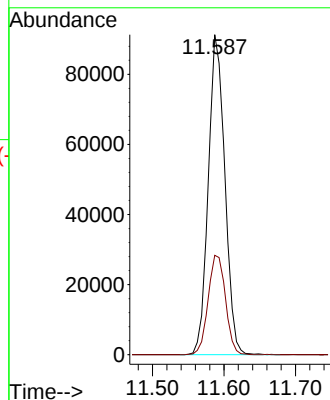
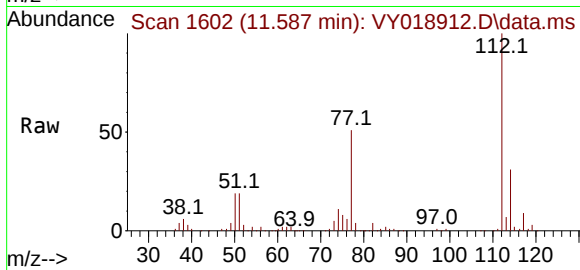




#65
Chlorobenzene
Concen: 50.839 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.073 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

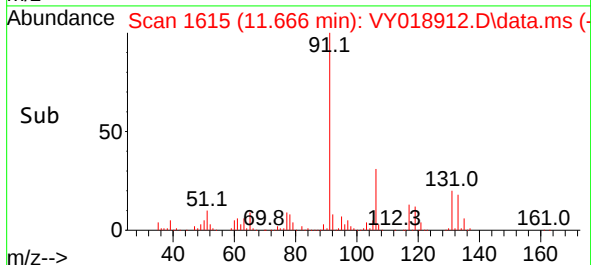
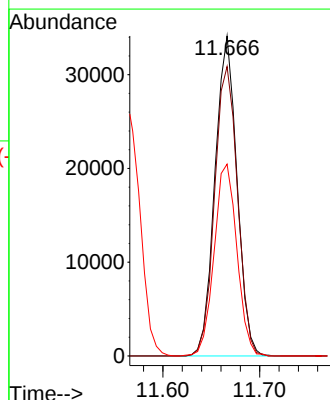
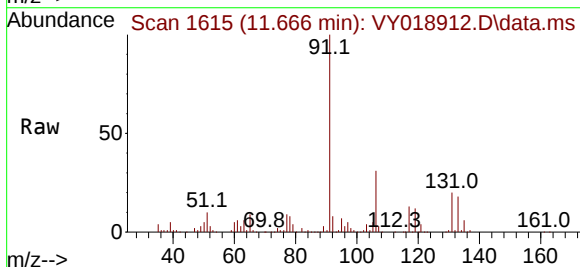
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

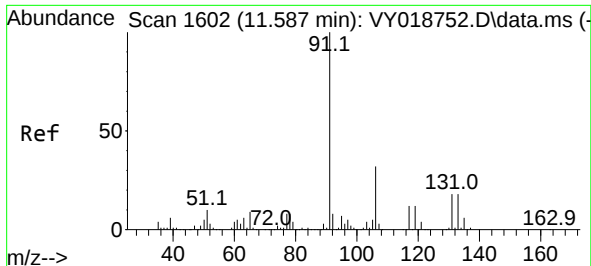
Tgt Ion:112 Resp: 146639
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.236 ug/l
RT: 11.666 min Scan# 1615
Delta R.T. 0.079 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion:131 Resp: 53899
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 62.2 34.1 102.2





#67

Ethyl Benzene

Concen: 49.957 ug/l

RT: 11.666 min Scan# 1

Delta R.T. 0.079 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

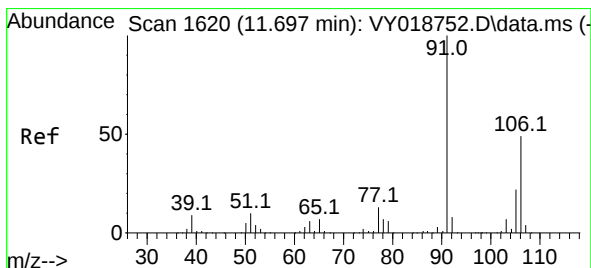
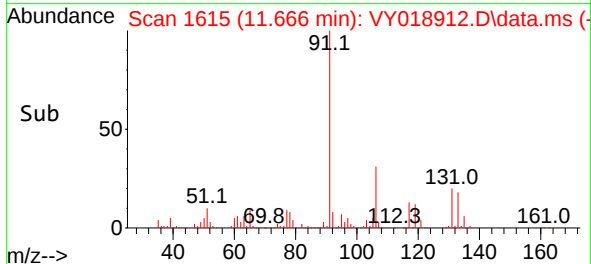
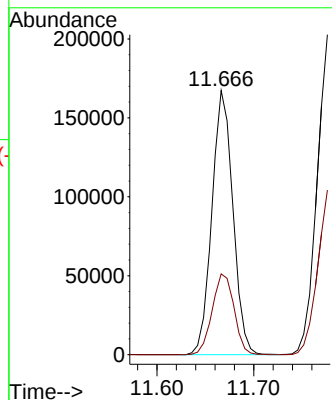
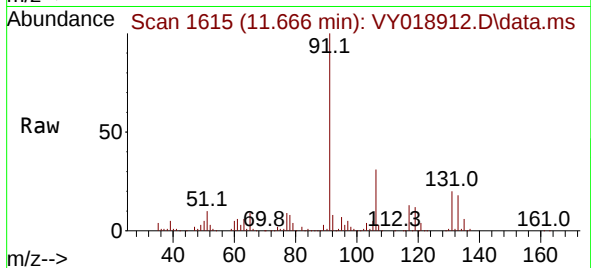
VSTDCCC050

Tgt Ion: 91 Resp: 252430

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 99.947 ug/l m

RT: 11.782 min Scan# 1634

Delta R.T. 0.085 min

Lab File: VY018912.D

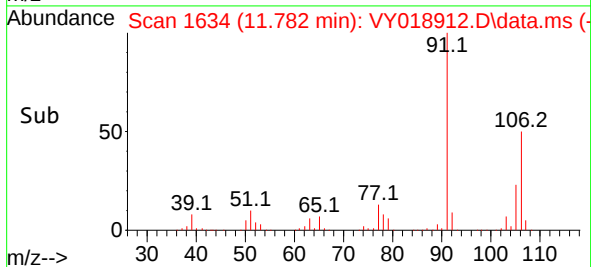
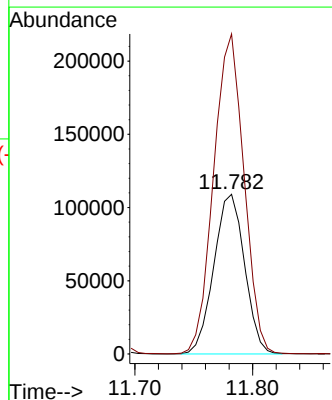
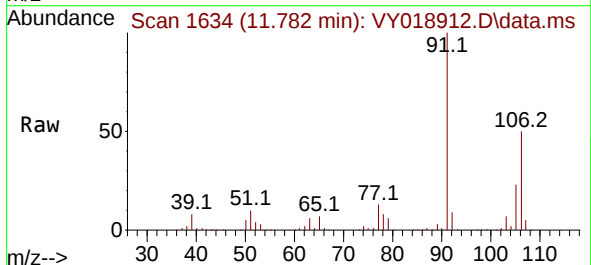
Acq: 25 Jul 2024 11:04

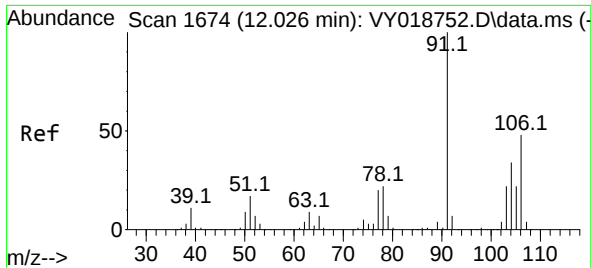
Tgt Ion:106 Resp: 198180

Ion Ratio Lower Upper

106 100

91 127.4 156.0 234.0#

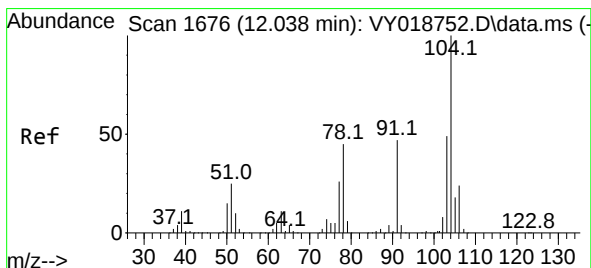
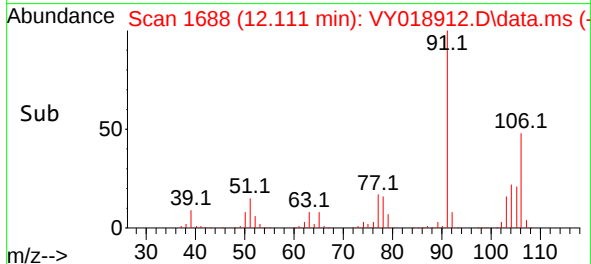
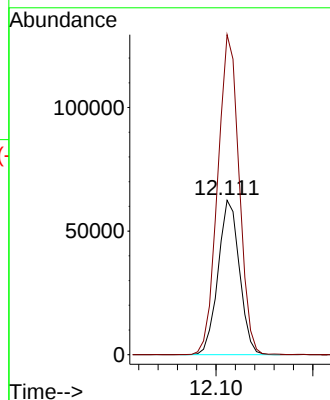
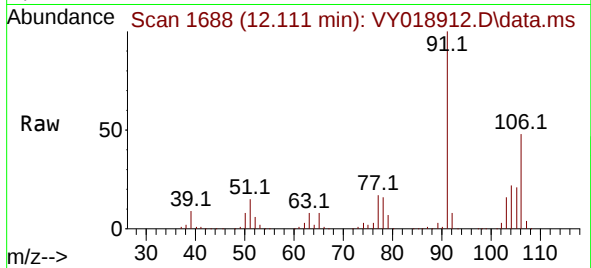




#69
o-Xylene
Concen: 51.344 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. 0.085 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

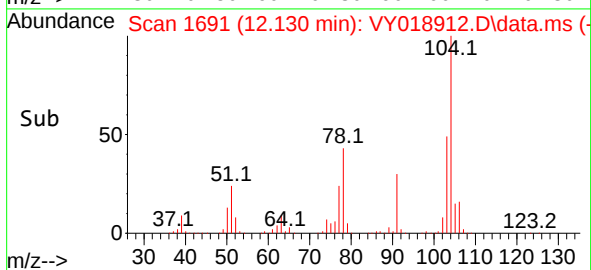
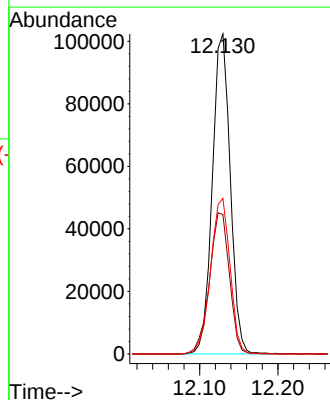
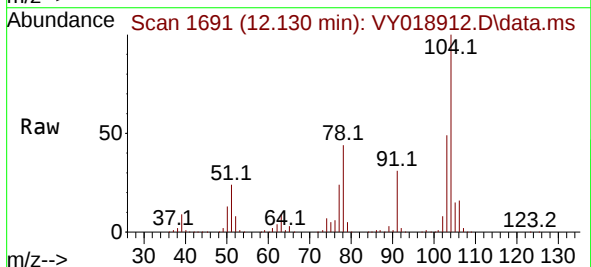
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

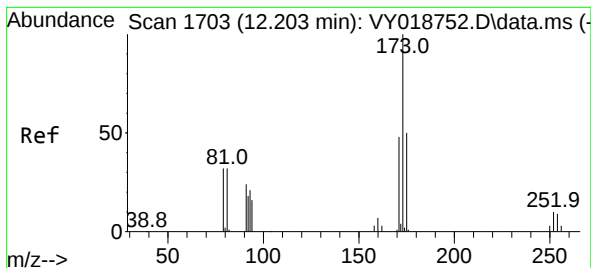
Tgt Ion:106 Resp: 95715
Ion Ratio Lower Upper
106 100
91 208.1 103.6 310.8



#70
Styrene
Concen: 52.373 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. 0.091 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion:104 Resp: 162904
Ion Ratio Lower Upper
104 100
78 48.9 37.0 55.4
103 52.8 44.2 66.2





#71

Bromoform

Concen: 56.158 ug/l

RT: 12.294 min Scan# 1

Delta R.T. 0.091 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

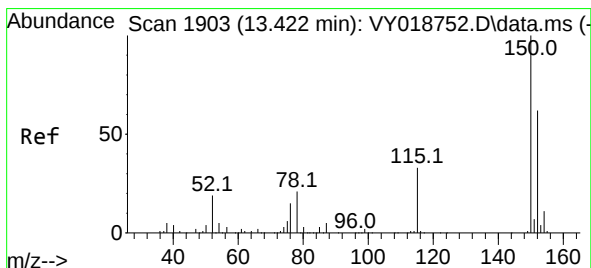
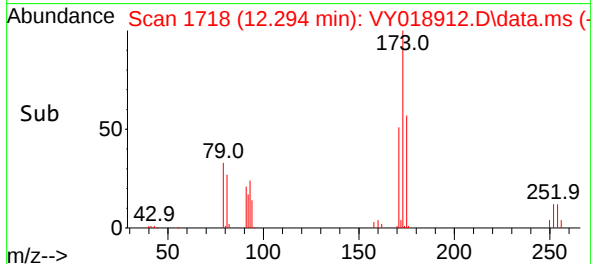
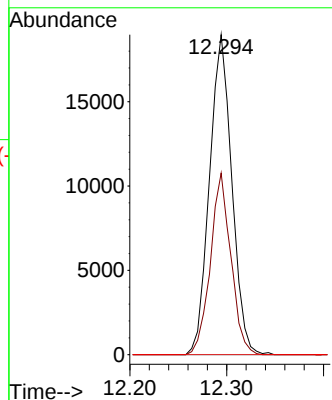
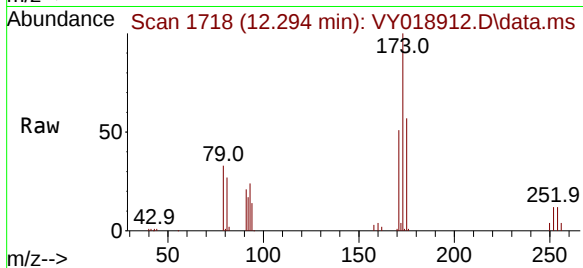
Tgt Ion:173 Resp: 30420

Ion Ratio Lower Upper

173 100

175 52.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.538 min Scan# 1922

Delta R.T. 0.116 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

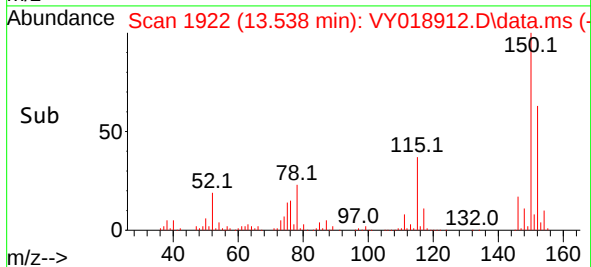
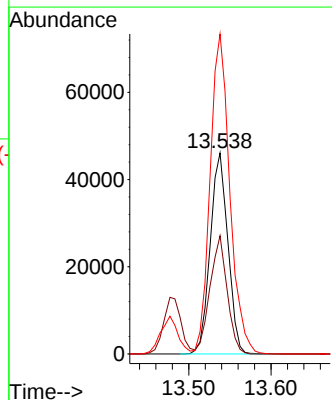
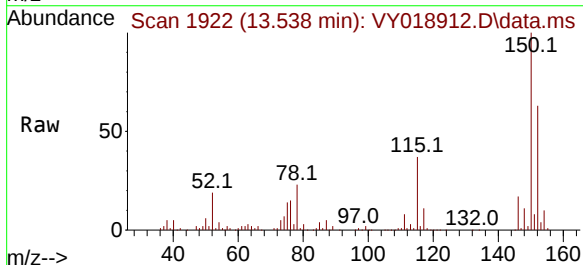
Tgt Ion:152 Resp: 68912

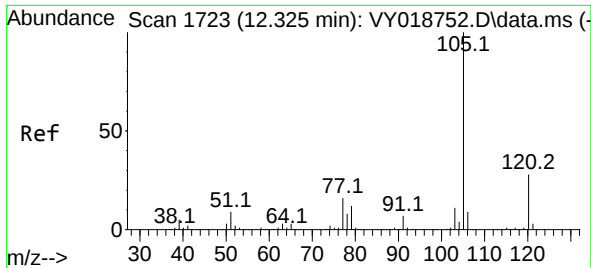
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 177.1 0.0 345.6

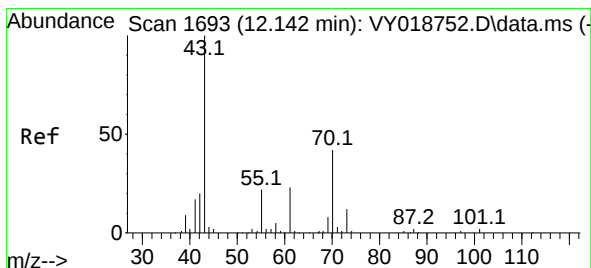
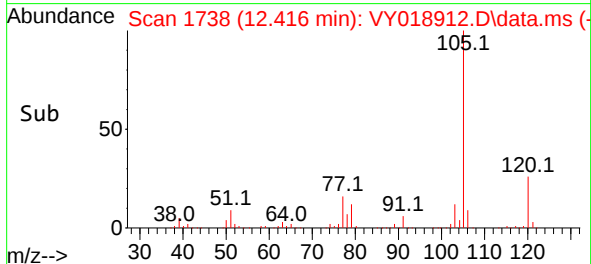
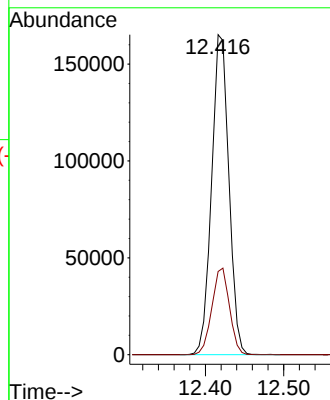
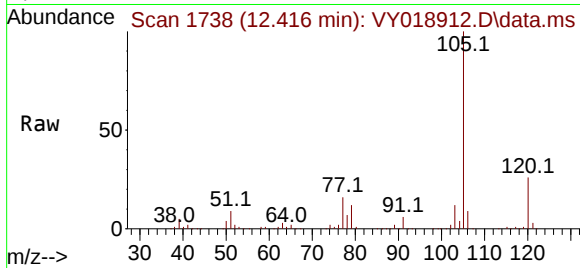




#73
Isopropylbenzene
Concen: 50.140 ug/l
RT: 12.416 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

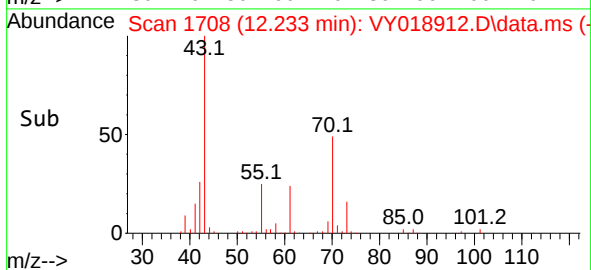
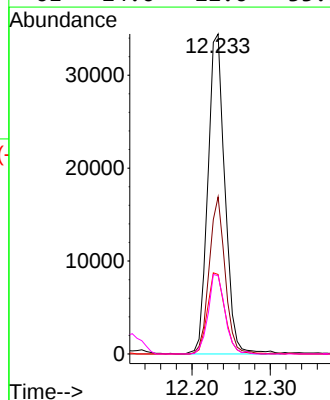
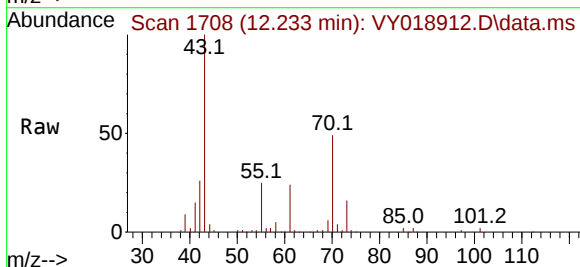
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

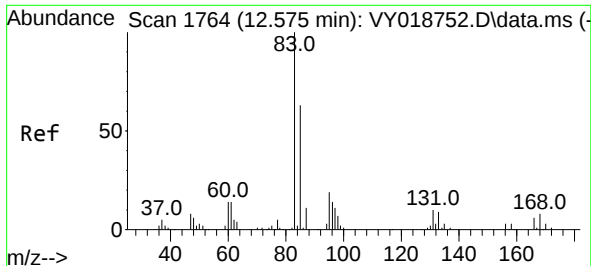
Tgt Ion:105 Resp: 252878
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1



#74
N-ethyl acetate
Concen: 50.325 ug/l
RT: 12.233 min Scan# 1708
Delta R.T. 0.091 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 43 Resp: 51906
Ion Ratio Lower Upper
43 100
70 45.9 41.4 62.2
55 25.9 23.3 34.9
61 24.6 22.6 33.8

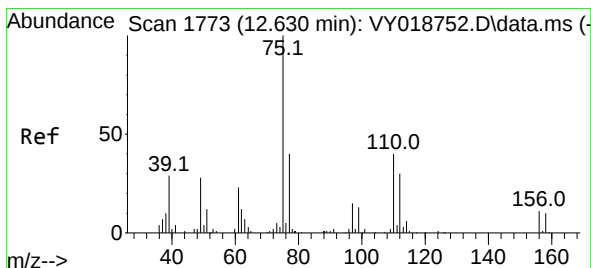
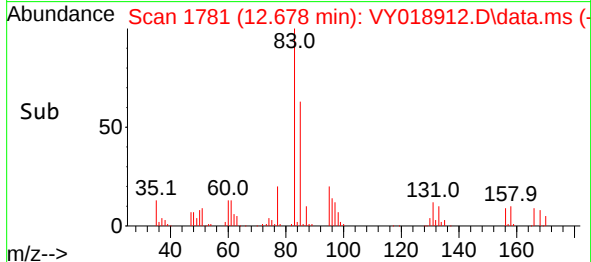
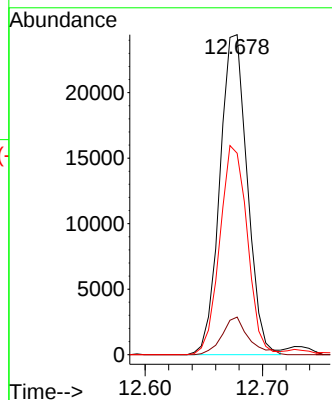
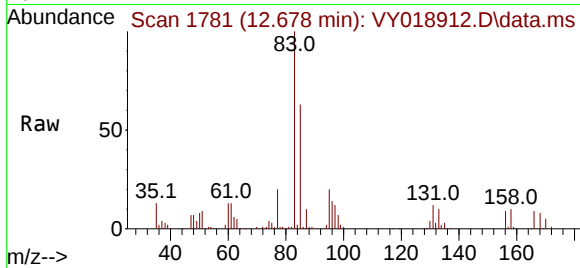




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.834 ug/l
 RT: 12.678 min Scan# 1780
 Delta R.T. 0.104 min
 Lab File: VY018912.D
 Acq: 25 Jul 2024 11:04

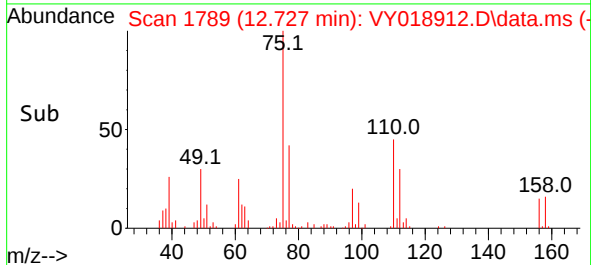
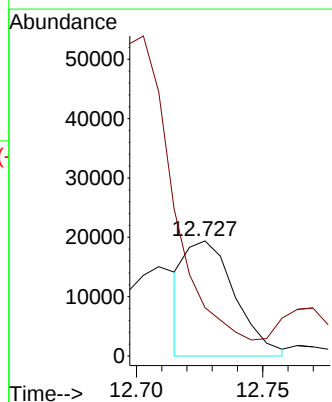
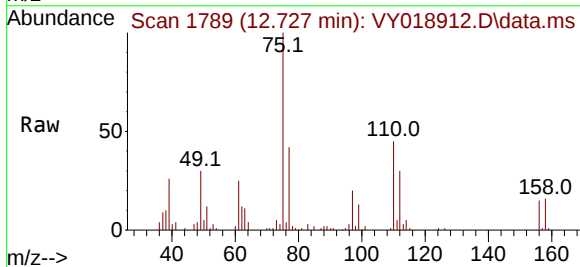
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

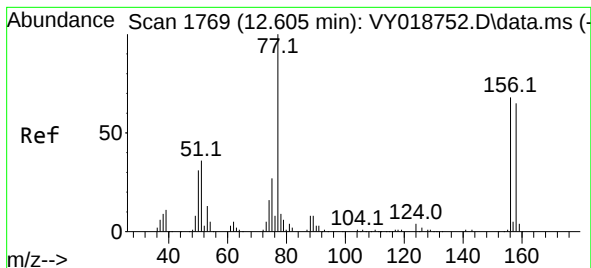
Tgt Ion: 83 Resp: 39622
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.0 14.9
 85 65.6 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 49.362 ug/l m
 RT: 12.727 min Scan# 1789
 Delta R.T. 0.097 min
 Lab File: VY018912.D
 Acq: 25 Jul 2024 11:04

Tgt Ion: 75 Resp: 26642
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.507 ug/l

RT: 12.703 min Scan# 1785

Delta R.T. 0.098 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

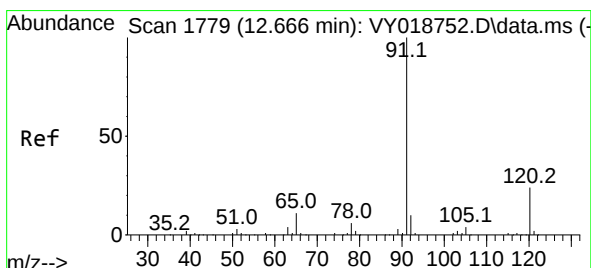
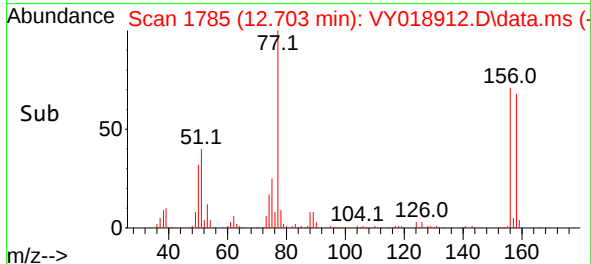
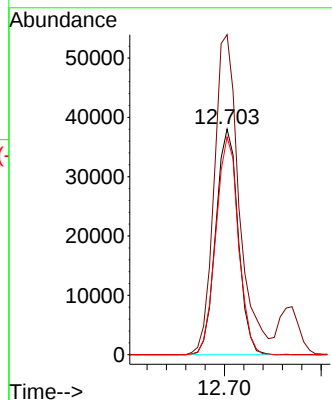
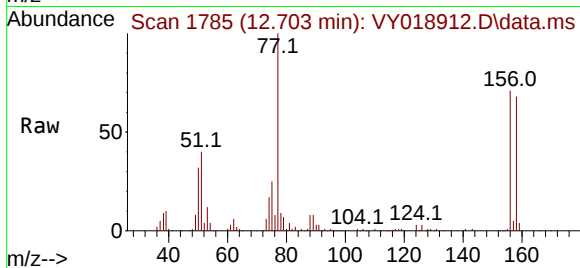
Tgt Ion:156 Resp: 60812

Ion Ratio Lower Upper

156 100

77 158.9 87.1 261.3

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 48.244 ug/l

RT: 12.770 min Scan# 1796

Delta R.T. 0.104 min

Lab File: VY018912.D

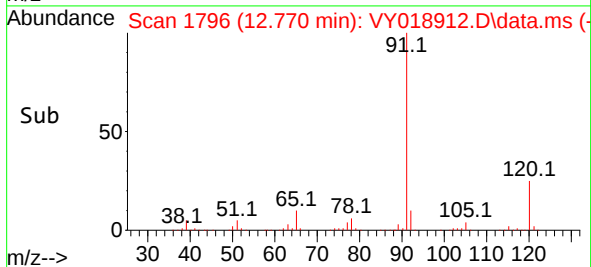
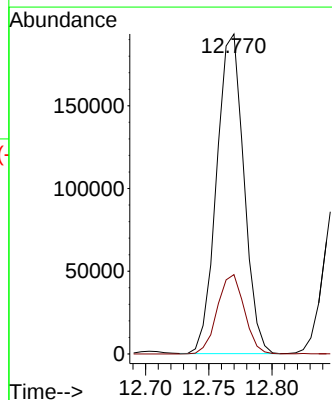
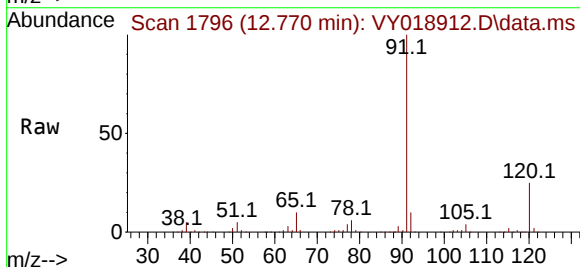
Acq: 25 Jul 2024 11:04

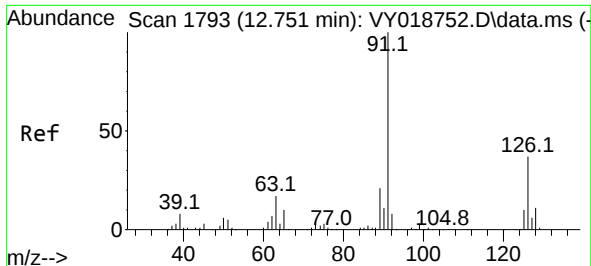
Tgt Ion: 91 Resp: 288945

Ion Ratio Lower Upper

91 100

120 24.6 11.5 34.4

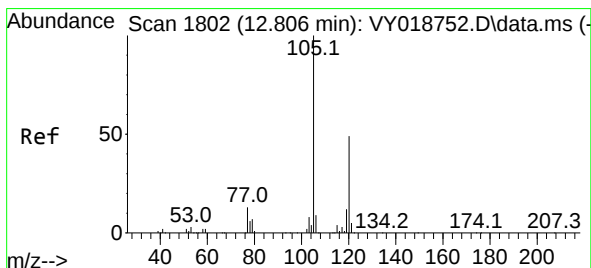
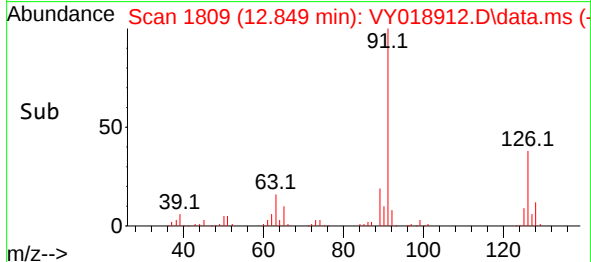
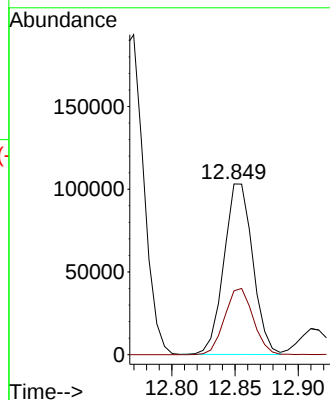
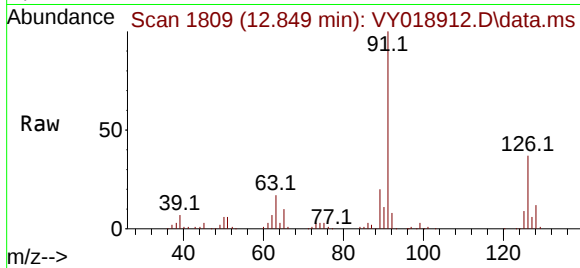




#79
2-Chlorotoluene
Concen: 48.650 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.098 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

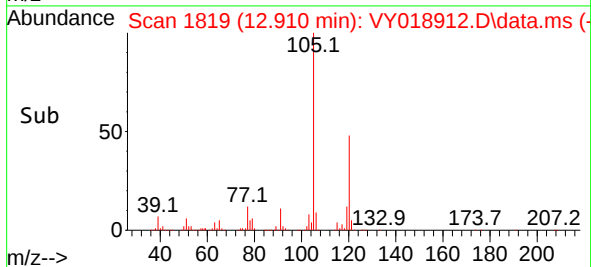
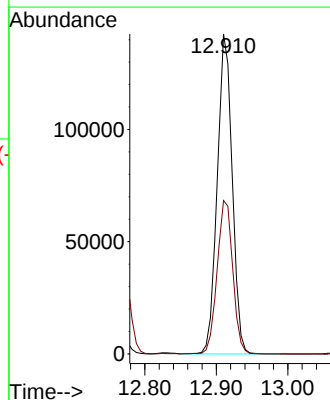
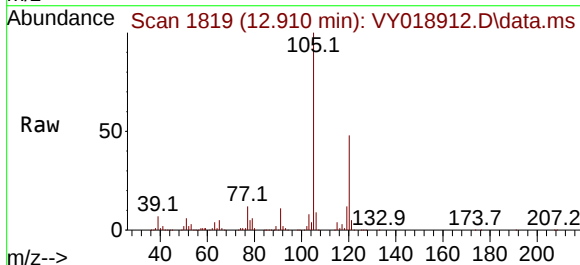
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

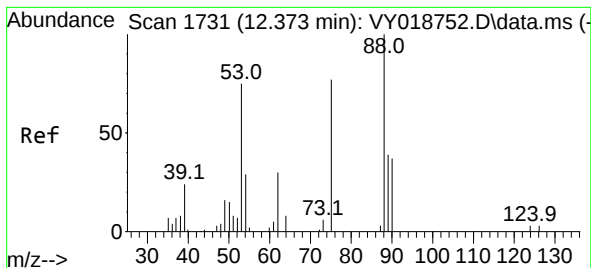
Tgt Ion: 91 Resp: 163836
Ion Ratio Lower Upper
91 100
126 38.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 50.145 ug/l
RT: 12.910 min Scan# 1819
Delta R.T. 0.104 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 105 Resp: 206931
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.2

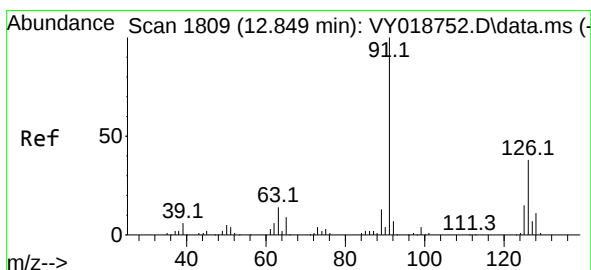
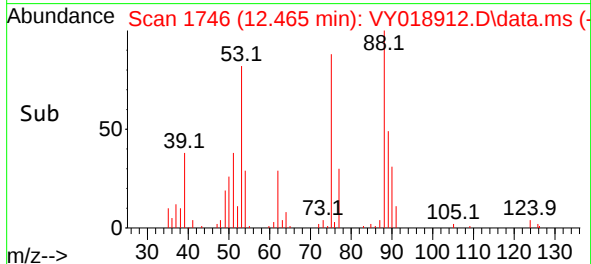
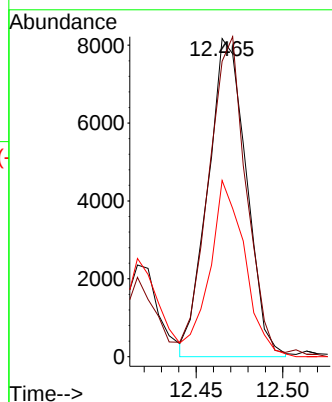
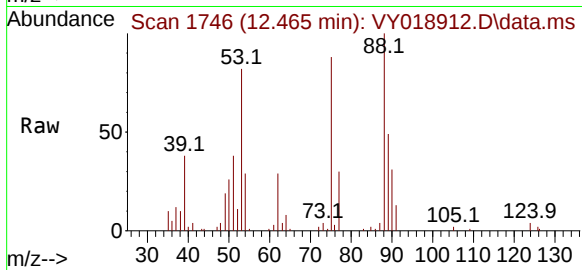




#81
trans-1,4-Dichloro-2-butene
Concen: 52.206 ug/l m
RT: 12.465 min Scan# 1746
Delta R.T. 0.091 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

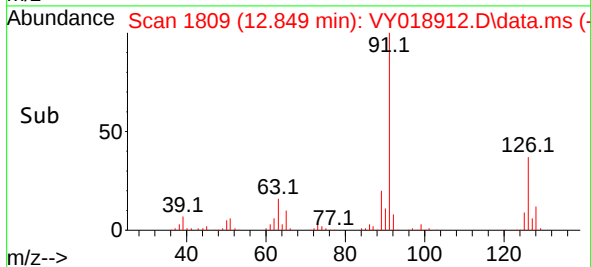
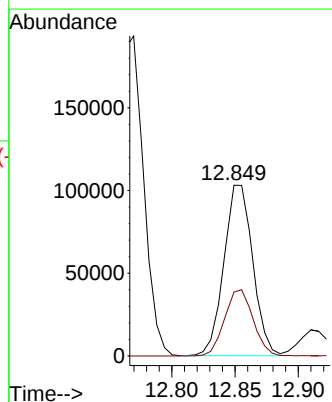
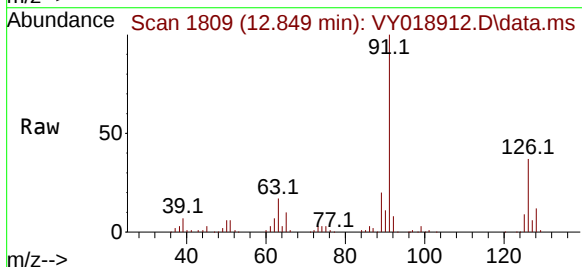
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

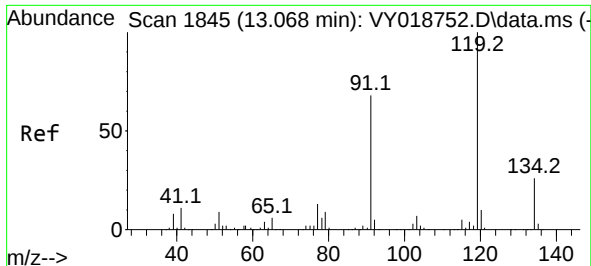
Tgt Ion: 75 Resp: 12590
Ion Ratio Lower Upper
75 100
53 22.0 66.8 100.2#
89 28.2 35.8 53.6#



#82
4-Chlorotoluene
Concen: 47.271 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 91 Resp: 163924
Ion Ratio Lower Upper
91 100
126 38.4 17.6 52.9

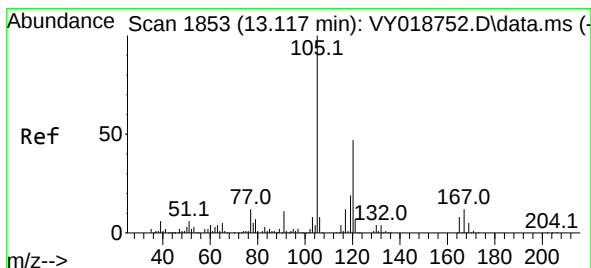
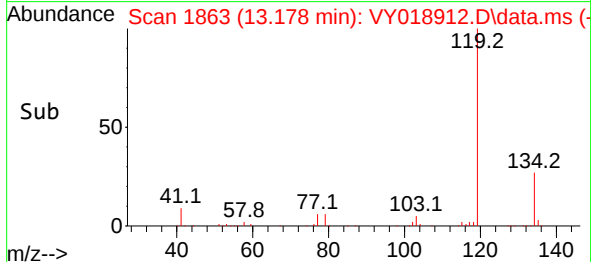
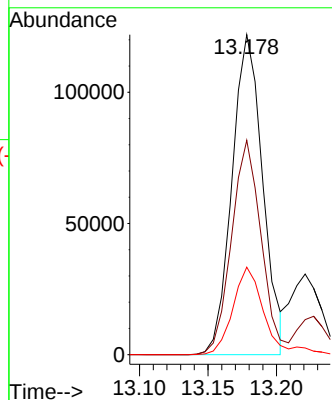
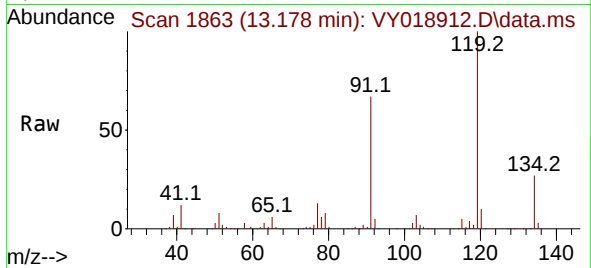




#83
tert-Butylbenzene
Concen: 49.954 ug/l
RT: 13.178 min Scan# 1863
Delta R.T. 0.110 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

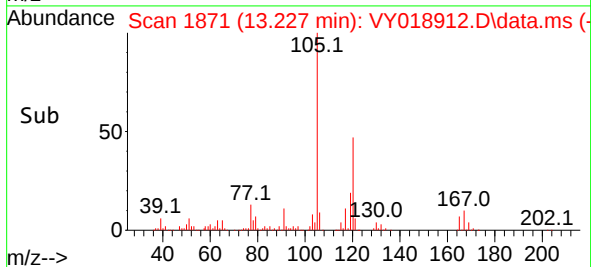
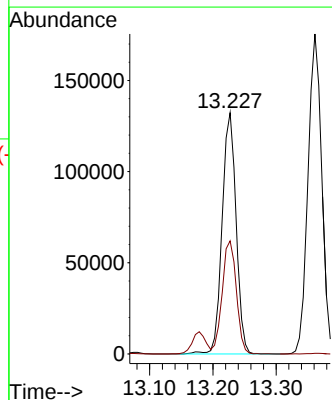
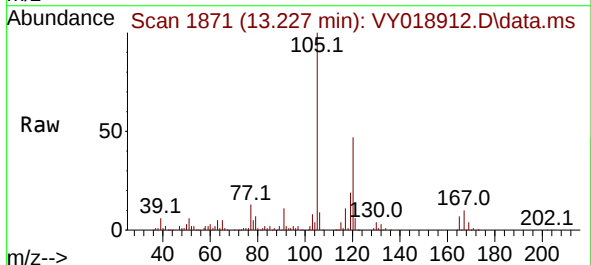
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

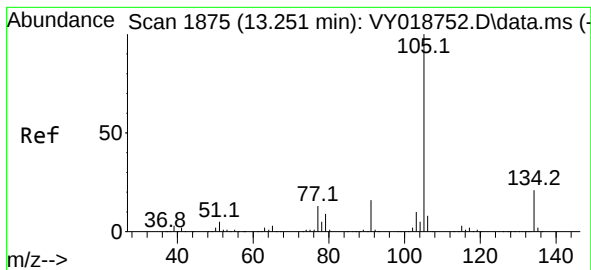
Tgt Ion:119 Resp: 190317
Ion Ratio Lower Upper
119 100
91 65.0 31.3 93.8
134 28.0 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 49.225 ug/l
RT: 13.227 min Scan# 1871
Delta R.T. 0.110 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion:105 Resp: 201855
Ion Ratio Lower Upper
105 100
120 47.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.838 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

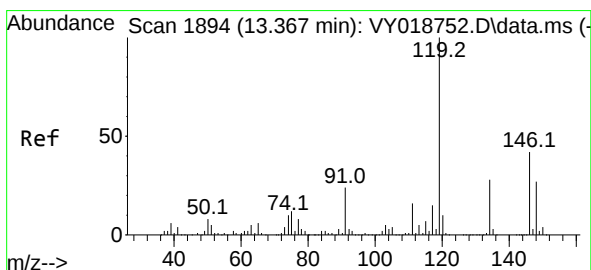
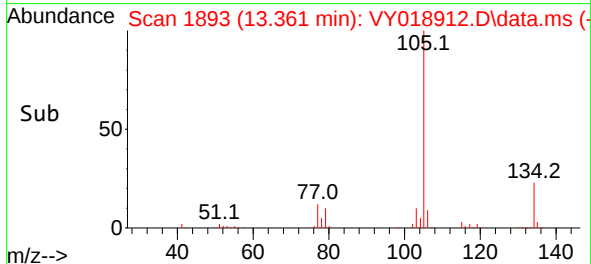
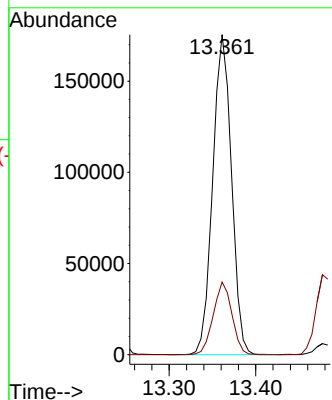
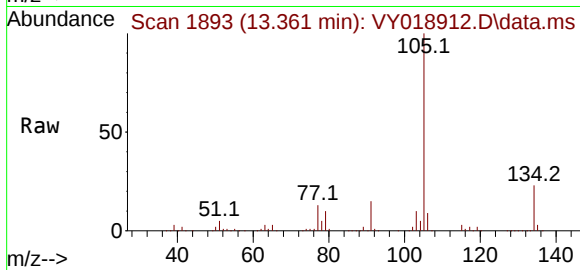
VSTDCCC050

Tgt Ion:105 Resp: 264104

Ion Ratio Lower Upper

105 100

134 22.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.843 ug/l

RT: 13.477 min Scan# 1912

Delta R.T. 0.110 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

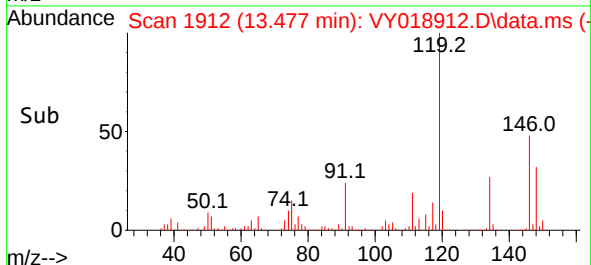
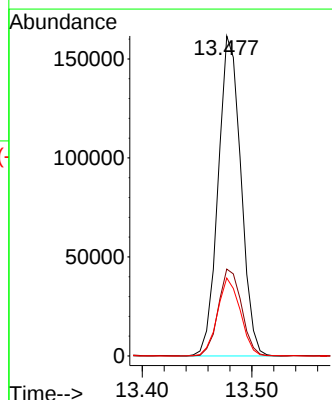
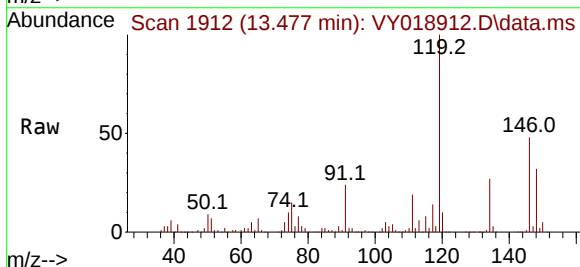
Tgt Ion:119 Resp: 232691

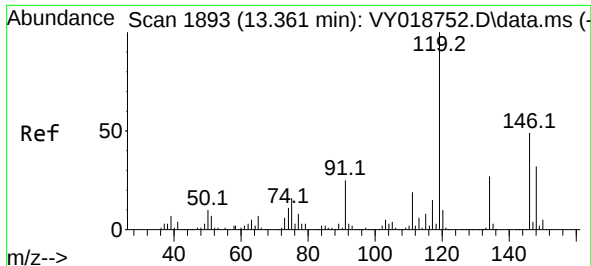
Ion Ratio Lower Upper

119 100

134 27.8 13.1 39.3

91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.383 ug/l

RT: 13.477 min Scan# 1912

Delta R.T. 0.116 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

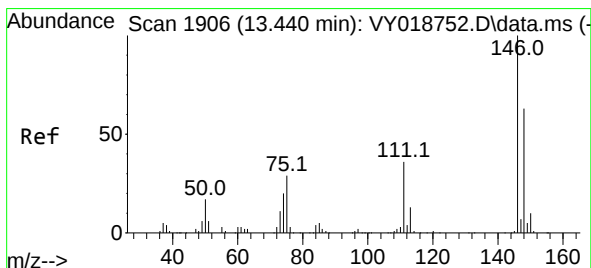
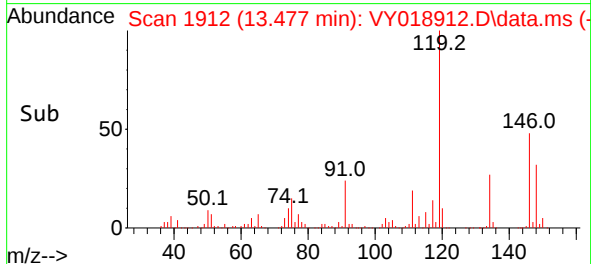
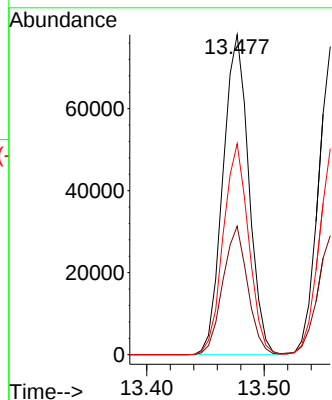
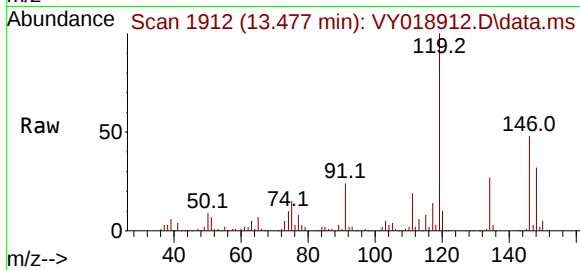
Tgt Ion:146 Resp: 119142

Ion Ratio Lower Upper

146 100

111 38.8 19.0 57.0

148 64.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.080 ug/l m

RT: 13.556 min Scan# 1925

Delta R.T. 0.116 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

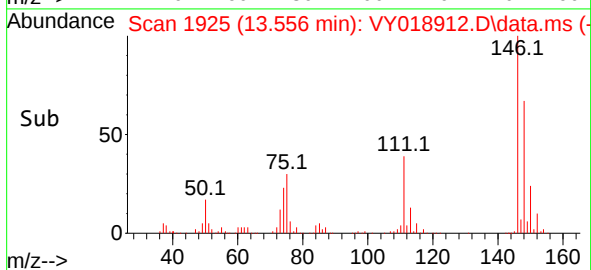
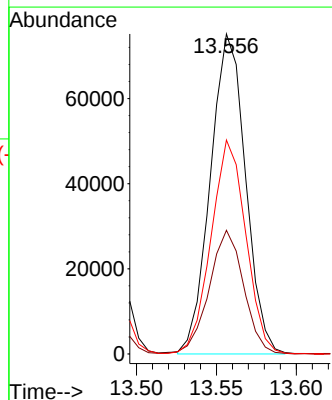
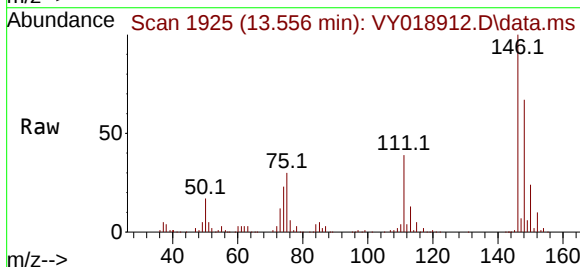
Tgt Ion:146 Resp: 115031

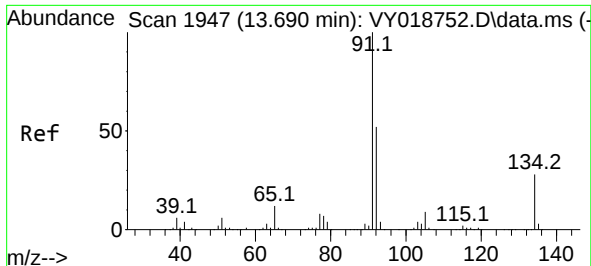
Ion Ratio Lower Upper

146 100

111 40.1 18.4 55.4

148 67.2 32.4 97.2





#89

n-Butylbenzene

Concen: 48.917 ug/l

RT: 13.812 min Scan# 1947

Delta R.T. 0.122 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

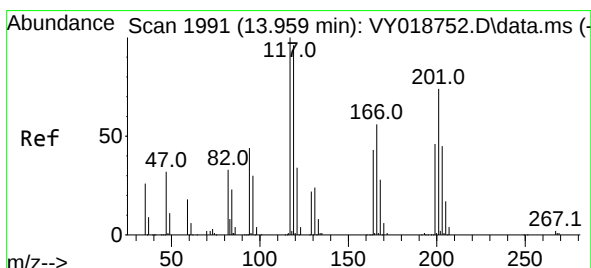
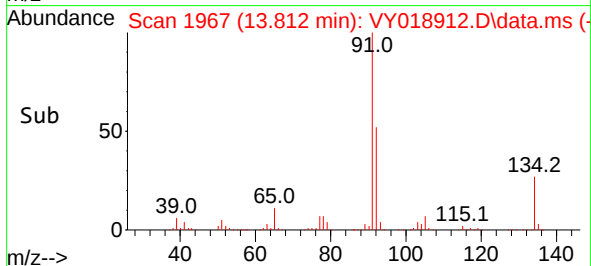
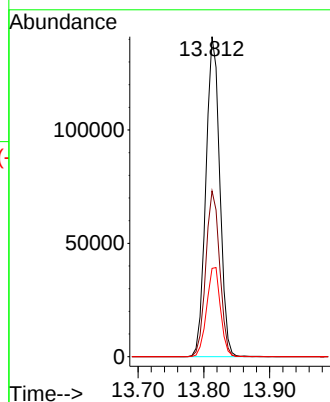
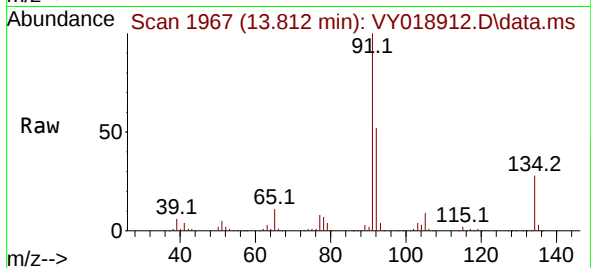
Tgt Ion: 91 Resp: 207038

Ion Ratio Lower Upper

91 100

92 52.0 26.6 79.7

134 27.9 12.9 38.7



#90

Hexachloroethane

Concen: 51.650 ug/l

RT: 14.087 min Scan# 2012

Delta R.T. 0.128 min

Lab File: VY018912.D

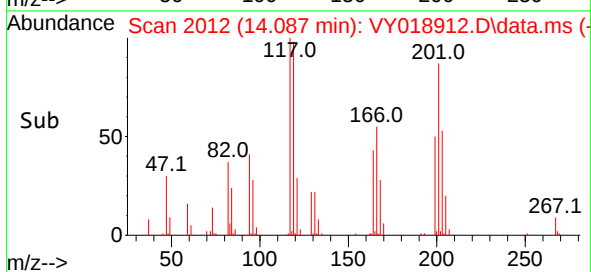
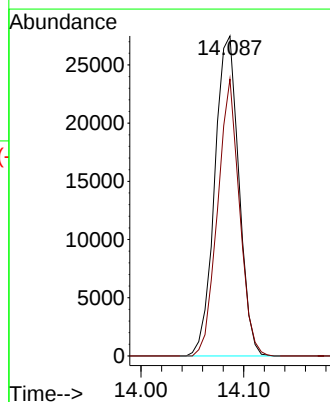
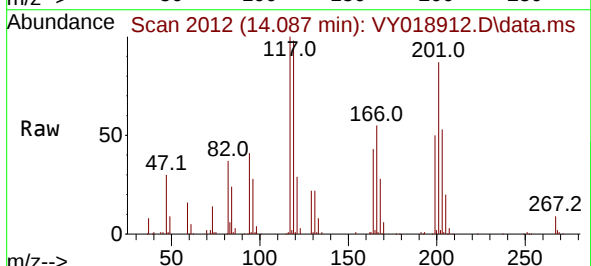
Acq: 25 Jul 2024 11:04

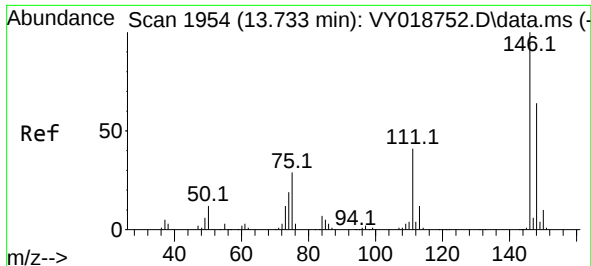
Tgt Ion: 117 Resp: 44843

Ion Ratio Lower Upper

117 100

201 78.3 37.4 112.2

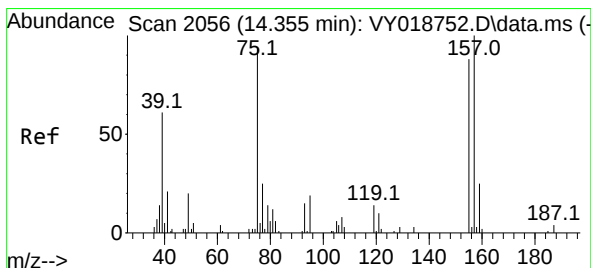
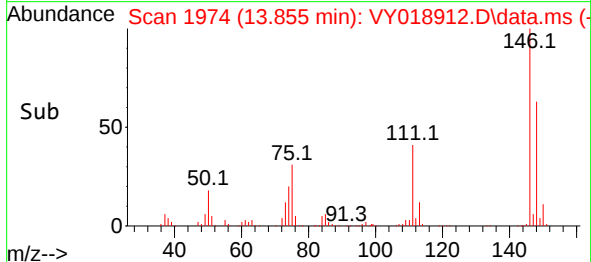
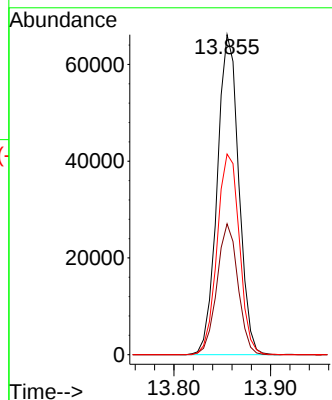
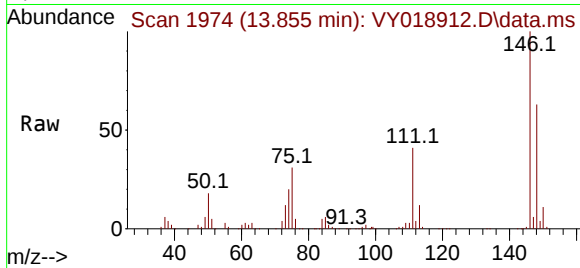




#91
1,2-Dichlorobenzene
Concen: 50.048 ug/l
RT: 13.855 min Scan# 1954
Delta R.T. 0.122 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

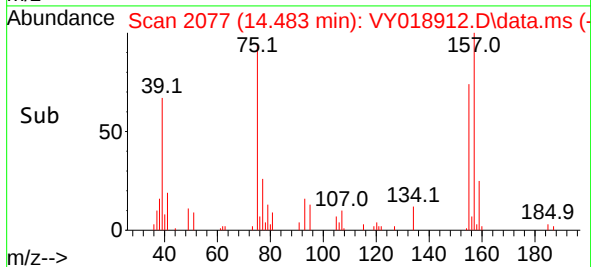
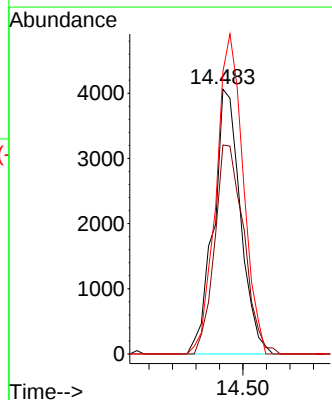
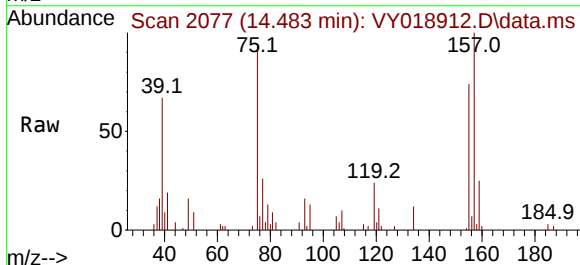
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

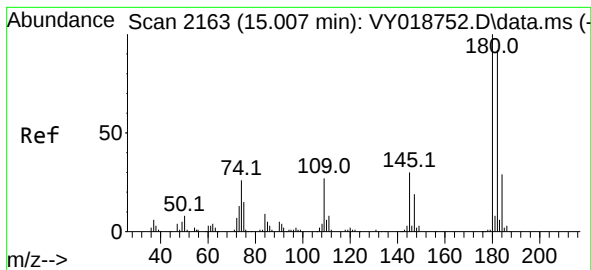
Tgt Ion:146 Resp: 102233
Ion Ratio Lower Upper
146 100
111 39.9 19.9 59.7
148 64.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.034 ug/l
RT: 14.483 min Scan# 2077
Delta R.T. 0.128 min
Lab File: VY018912.D
Acq: 25 Jul 2024 11:04

Tgt Ion: 75 Resp: 6446
Ion Ratio Lower Upper
75 100
155 85.5 48.6 145.8
157 121.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.220 ug/l

RT: 15.160 min Scan# 21

Delta R.T. 0.152 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

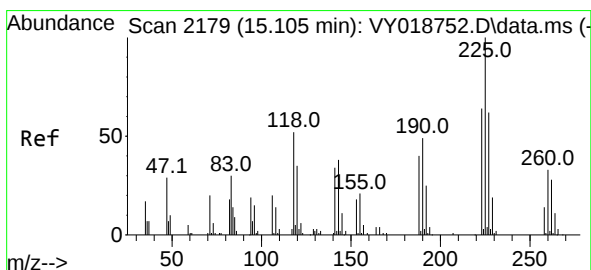
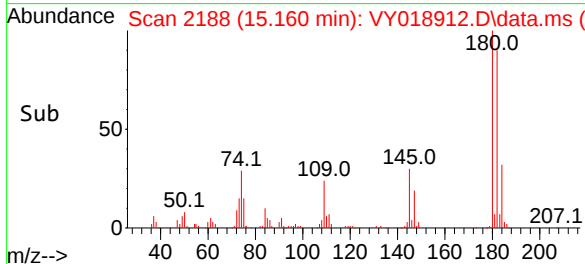
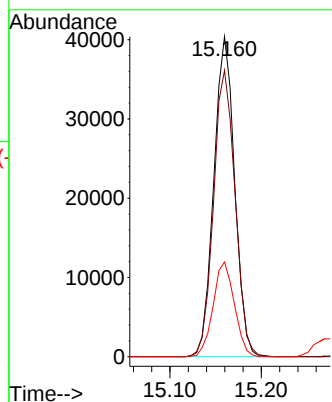
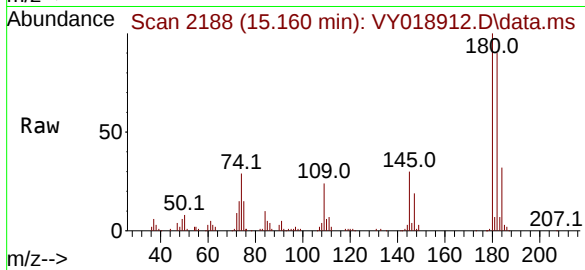
Tgt Ion:180 Resp: 63869

Ion Ratio Lower Upper

180 100

182 92.4 47.9 143.8

145 30.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.978 ug/l

RT: 15.269 min Scan# 2206

Delta R.T. 0.165 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

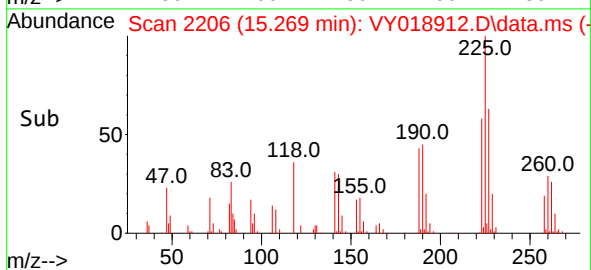
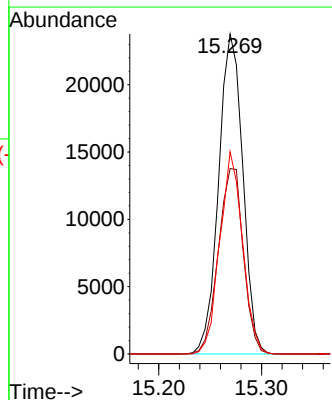
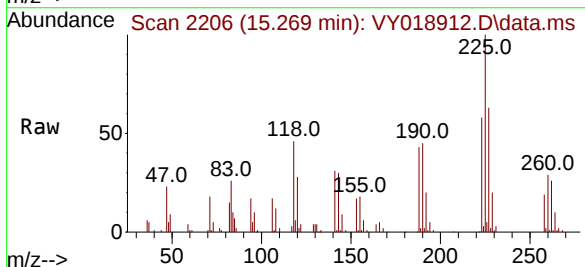
Tgt Ion:225 Resp: 38796

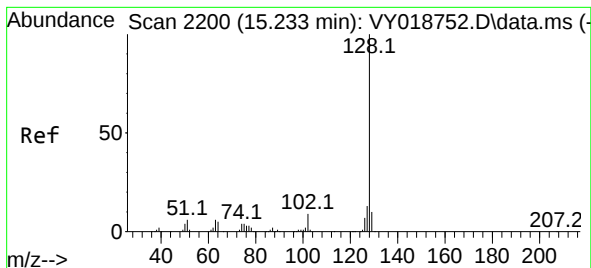
Ion Ratio Lower Upper

225 100

223 59.9 30.4 91.2

227 59.6 31.9 95.9





#95

Naphthalene

Concen: 49.862 ug/l

RT: 15.397 min Scan# 21

Delta R.T. 0.165 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

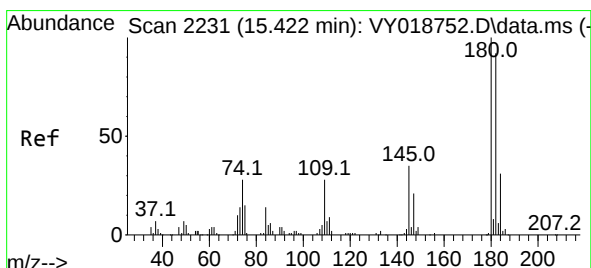
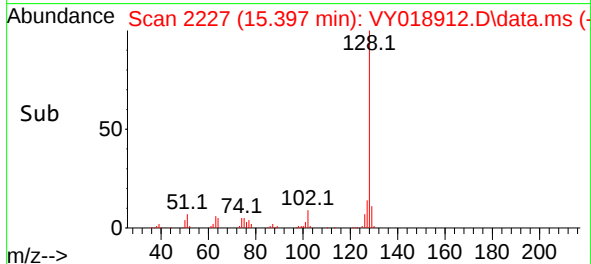
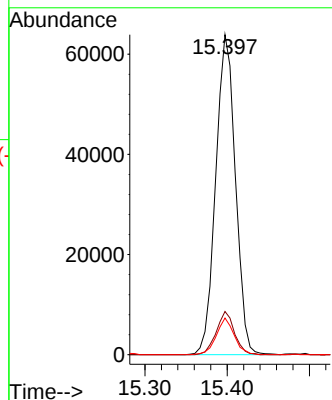
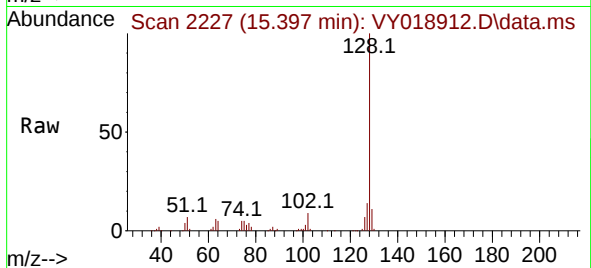
Tgt Ion:128 Resp: 106662

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.637 ug/l

RT: 15.599 min Scan# 2260

Delta R.T. 0.177 min

Lab File: VY018912.D

Acq: 25 Jul 2024 11:04

Tgt Ion:180 Resp: 52959

Ion Ratio Lower Upper

180 100

182 92.8 47.6 142.9

145 31.3 15.4 46.1

