

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018646.D
 Acq On : 19 Jun 2024 16:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 02:12:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	121533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	213646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	192771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	55944	45.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.440%
35) Dibromofluoromethane	7.704	113	59198	45.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.840%
50) Toluene-d8	10.173	98	226475	45.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.380%
62) 4-Bromofluorobenzene	12.477	95	74992	47.384	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34298	42.848	ug/l	97
3) Chloromethane	2.101	50	96640	58.620	ug/l	98
4) Vinyl Chloride	2.235	62	117613	57.608	ug/l	97
5) Bromomethane	2.631	94	76751	50.578	ug/l	98
6) Chloroethane	2.778	64	70342	52.595	ug/l	99
7) Trichlorofluoromethane	3.101	101	123878	56.346	ug/l	93
8) Diethyl Ether	3.509	74	31455	50.179	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.875	101	57883	50.390	ug/l	96
10) Methyl Iodide	4.064	142	66472	47.889	ug/l	97
11) Tert butyl alcohol	4.942	59	22008	99.995	ug/l #	79
12) 1,1-Dichloroethene	3.844	96	56903	49.293	ug/l	92
13) Acrolein	3.710	56	15466	218.575	ug/l	96
14) Allyl chloride	4.454	41	82650	53.108	ug/l	97
15) Acrylonitrile	5.137	53	70554	253.004	ug/l	97
16) Acetone	3.930	43	52521	210.978	ug/l	89
17) Carbon Disulfide	4.174	76	159597	45.782	ug/l	99
18) Methyl Acetate	4.460	43	35462	56.161	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	151118	49.075	ug/l	98
20) Methylene Chloride	4.698	84	73351	47.333	ug/l	98
21) trans-1,2-Dichloroethene	5.192	96	65993	50.219	ug/l	97
22) Diisopropyl ether	6.094	45	195615	55.678	ug/l	94
23) Vinyl Acetate	6.039	43	767460	235.711	ug/l	97
24) 1,1-Dichloroethane	5.990	63	120198	53.104	ug/l	98
25) 2-Butanone	6.972	43	90506	242.546	ug/l	90
26) 2,2-Dichloropropane	6.960	77	84853	44.496	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	82274	51.833	ug/l	98
28) Bromochloromethane	7.313	49	44400	47.859	ug/l	93
29) Tetrahydrofuran	7.332	42	62585	273.303	ug/l	90
30) Chloroform	7.490	83	129105	52.338	ug/l	97
31) Cyclohexane	7.771	56	94305	50.315	ug/l	100
32) 1,1,1-Trichloroethane	7.685	97	108139	51.603	ug/l	97
36) 1,1-Dichloropropene	7.905	75	88807	49.505	ug/l	99
37) Ethyl Acetate	7.057	43	42485	50.239	ug/l	97
38) Carbon Tetrachloride	7.886	117	94021	49.957	ug/l	97
39) Methylcyclohexane	9.173	83	115027	52.331	ug/l	97
40) Benzene	8.149	78	285030	51.375	ug/l	99

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 ALS Vial : 13 Sample Multiplier: 1

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 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	23856	56.089	ug/l #	67
42) 1,2-Dichloroethane	8.222	62	73713	50.928	ug/l	99
43) Isopropyl Acetate	8.264	43	81948	51.919	ug/l	95
44) Trichloroethene	8.929	130	73688	50.731	ug/l	98
45) 1,2-Dichloropropane	9.209	63	65628	51.733	ug/l	100
46) Dibromomethane	9.295	93	39289	49.913	ug/l	97
47) Bromodichloromethane	9.490	83	97995	52.161	ug/l	100
48) Methyl methacrylate	9.283	41	36229	50.985	ug/l	95
49) 1,4-Dioxane	9.289	88	9970	963.062	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	214918	258.502	ug/l	96
52) Toluene	10.234	92	185812	52.165	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	84311	51.353	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	103909	52.446	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	54099	51.672	ug/l	97
56) Ethyl methacrylate	10.502	69	72336	52.799	ug/l	93
57) 1,3-Dichloropropane	10.782	76	91202	52.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.770	63	168691	255.055	ug/l	98
59) 2-Hexanone	10.825	43	147153	252.681	ug/l	94
60) Dibromochloromethane	10.977	129	68317	52.528	ug/l	98
61) 1,2-Dibromoethane	11.081	107	50552	52.245	ug/l	99
64) Tetrachloroethene	10.715	164	73806	53.680	ug/l	99
65) Chlorobenzene	11.508	112	205571	51.622	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.581	131	69006	51.709	ug/l	99
67) Ethyl Benzene	11.587	91	358959	51.950	ug/l	99
68) m/p-Xylenes	11.697	106	281448	104.678	ug/l	100
69) o-Xylene	12.026	106	134827	52.147	ug/l	98
70) Styrene	12.038	104	231129	54.111	ug/l	99
71) Bromoform	12.203	173	38439	52.494	ug/l #	98
73) Isopropylbenzene	12.325	105	346251	48.016	ug/l	99
74) N-amyl acetate	12.136	43	74135	50.205	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.575	83	61099	47.718	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	45033m	48.614	ug/l	
77) Bromobenzene	12.605	156	81822	49.064	ug/l	96
78) n-propylbenzene	12.666	91	419149	49.667	ug/l	99
79) 2-Chlorotoluene	12.751	91	234107	49.143	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	284480	49.776	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	17535	49.583	ug/l	92
82) 4-Chlorotoluene	12.849	91	238634	49.745	ug/l	98
83) tert-Butylbenzene	13.068	119	254076	48.034	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	282731	49.495	ug/l	99
85) sec-Butylbenzene	13.251	105	385432	51.091	ug/l	100
86) p-Isopropyltoluene	13.367	119	321255	50.229	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	165819	49.297	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	164190	49.743	ug/l	98
89) n-Butylbenzene	13.690	91	295326	51.230	ug/l	99
90) Hexachloroethane	13.952	117	60341	51.935	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	145564	50.659	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8662	46.719	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	80071	50.018	ug/l	99
94) Hexachlorobutadiene	15.105	225	43147	52.456	ug/l	97
95) Naphthalene	15.233	128	152442	50.957	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	68370	50.547	ug/l	99

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Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

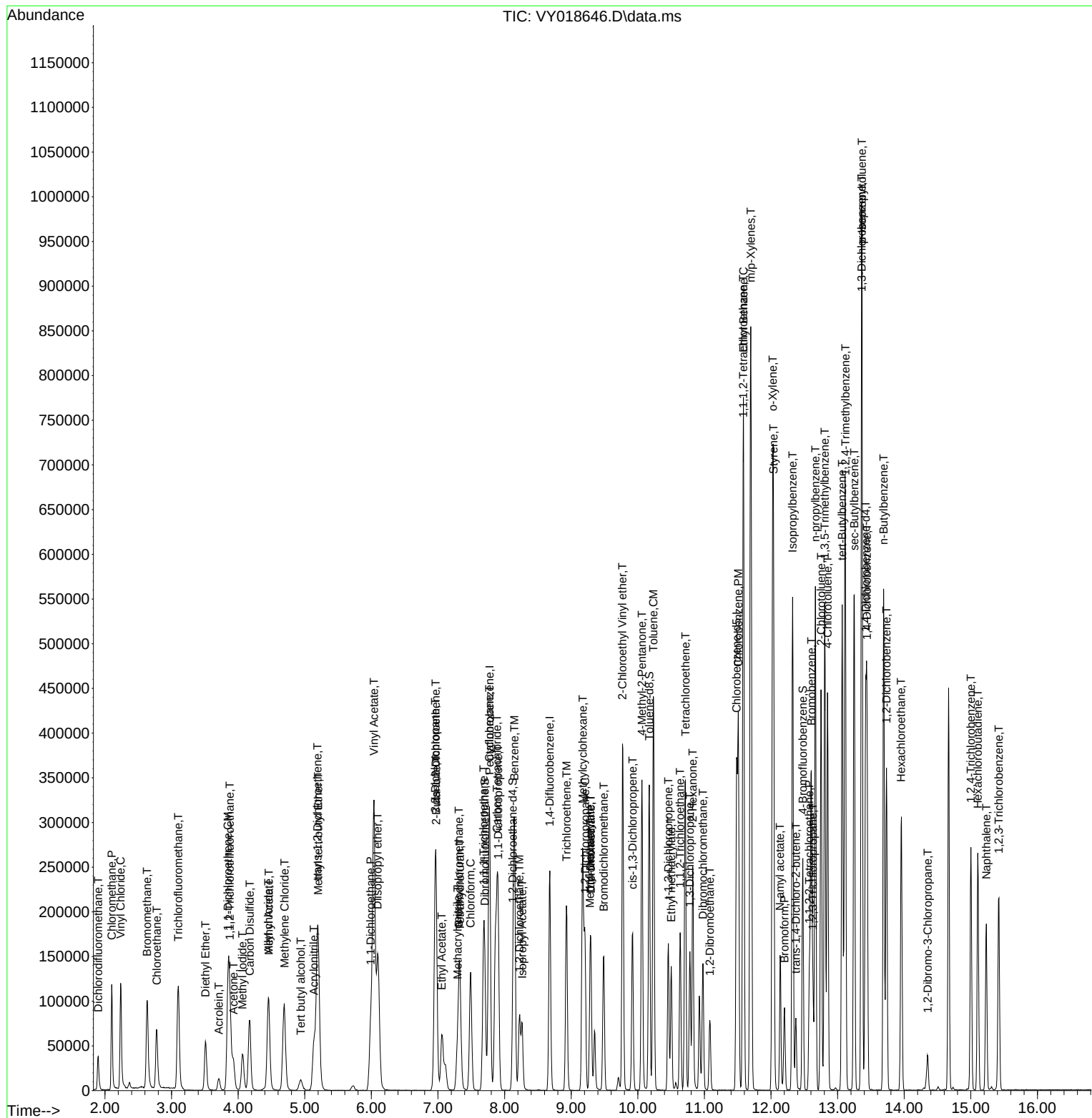
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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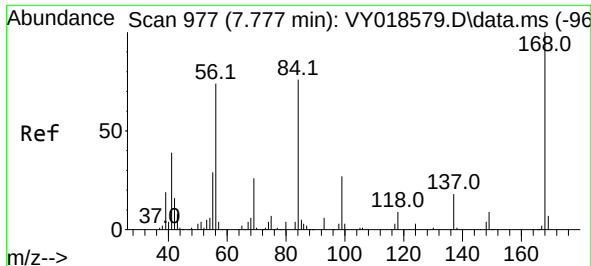
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 13 Sample Multiplier: 1

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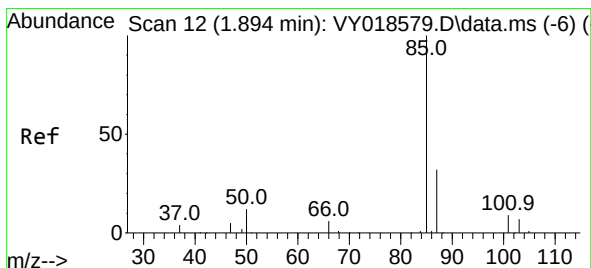
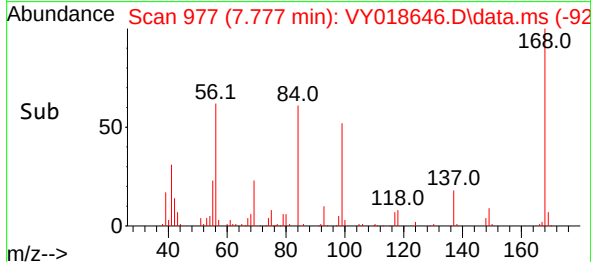
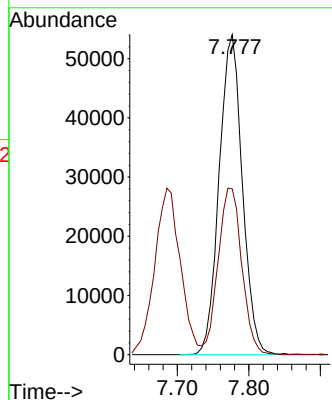
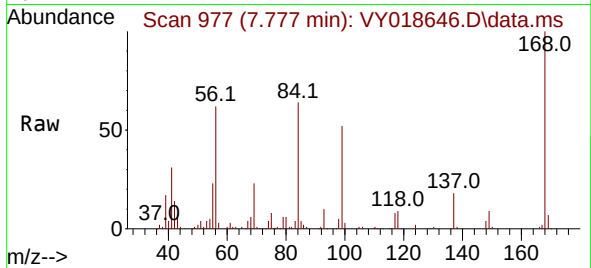




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

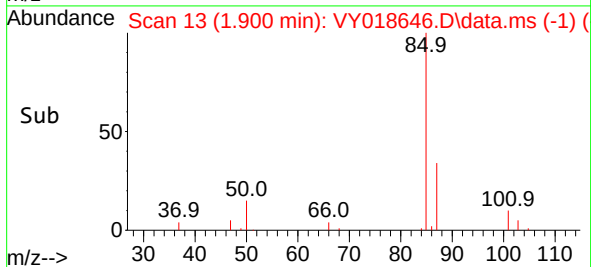
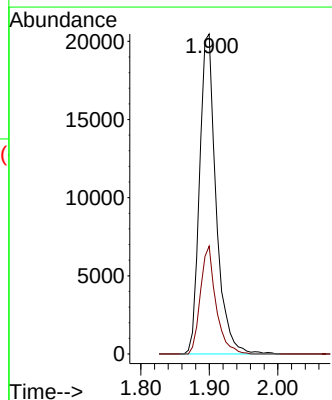
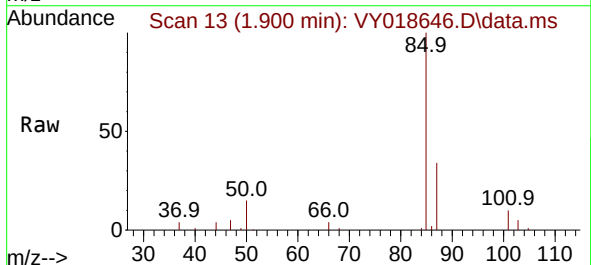
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

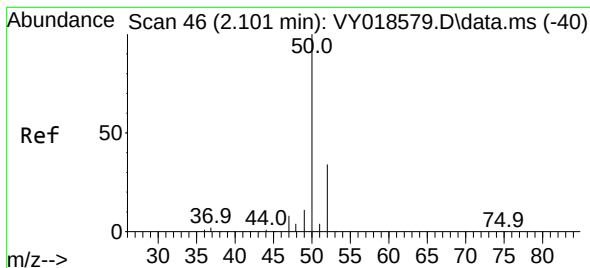
Tgt Ion:168 Resp: 121533
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.848 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 85 Resp: 34298
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0





#3

Chloromethane

Concen: 58.620 ug/l

RT: 2.101 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

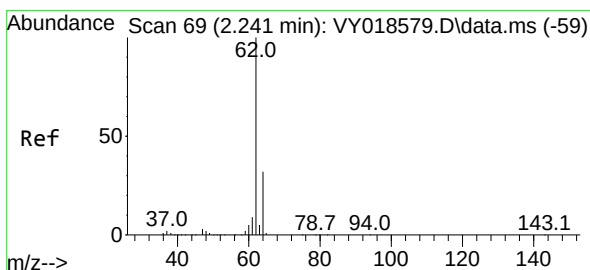
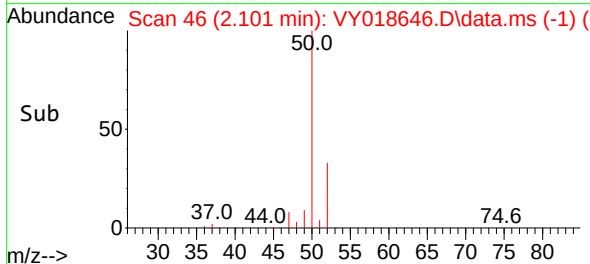
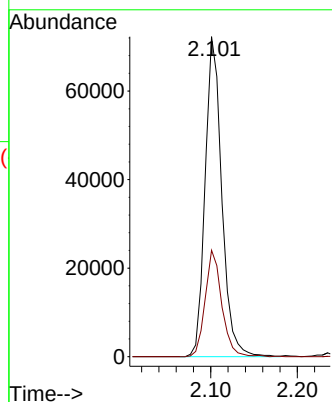
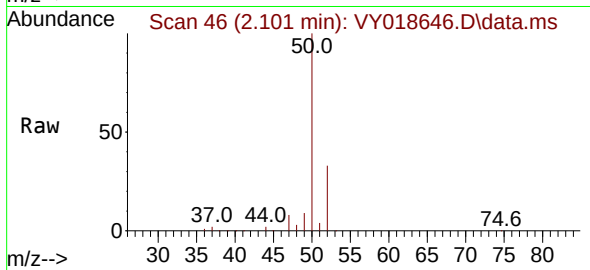
VSTDCCC050EC

Tgt Ion: 50 Resp: 96640

Ion Ratio Lower Upper

50 100

52 33.3 25.6 38.4



#4

Vinyl Chloride

Concen: 57.608 ug/l

RT: 2.235 min Scan# 68

Delta R.T. -0.006 min

Lab File: VY018646.D

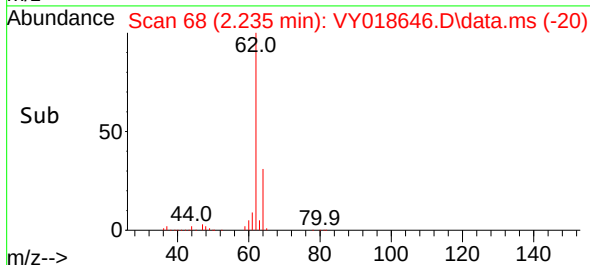
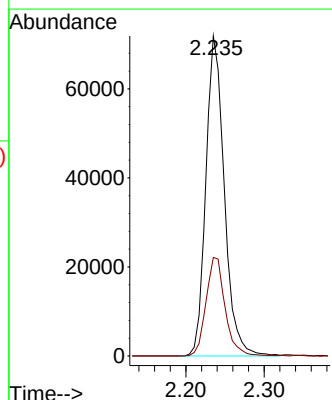
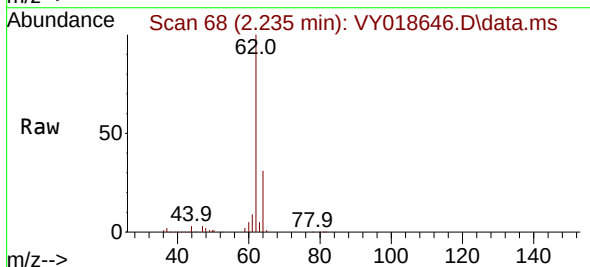
Acq: 19 Jun 2024 16:28

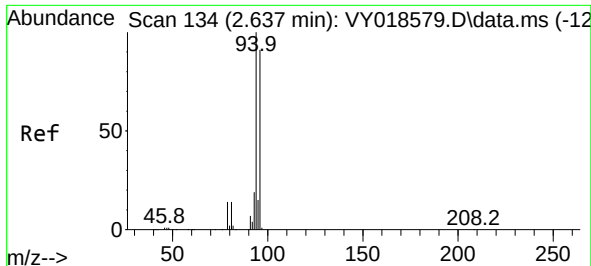
Tgt Ion: 62 Resp: 117613

Ion Ratio Lower Upper

62 100

64 30.8 26.1 39.1





#5

Bromomethane

Concen: 50.578 ug/l

RT: 2.631 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

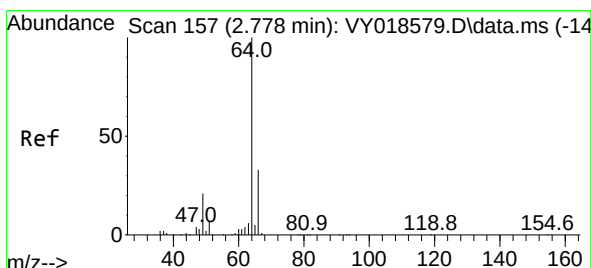
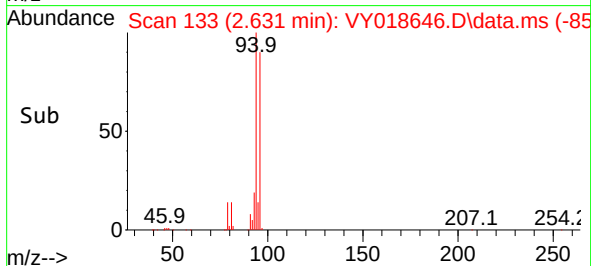
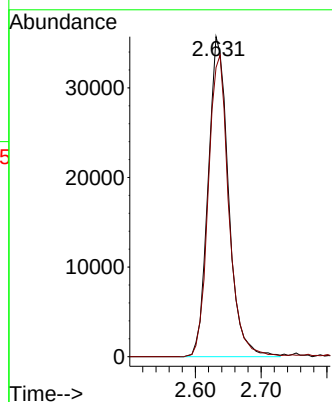
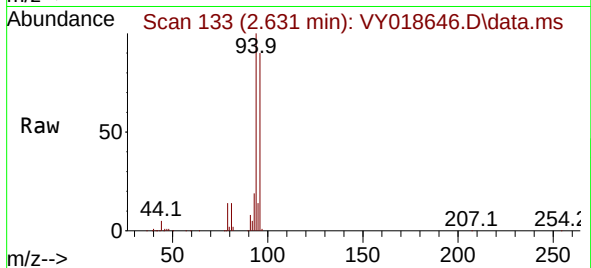
VSTDCCC050EC

Tgt Ion: 94 Resp: 76751

Ion Ratio Lower Upper

94 100

96 90.3 74.1 111.1



#6

Chloroethane

Concen: 52.595 ug/l

RT: 2.778 min Scan# 157

Delta R.T. -0.000 min

Lab File: VY018646.D

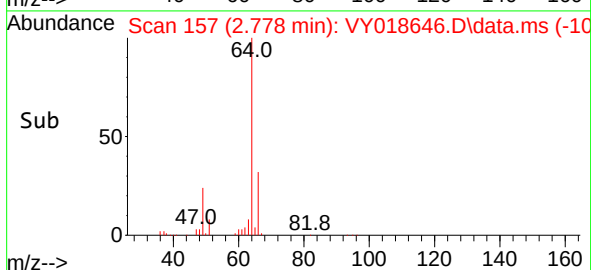
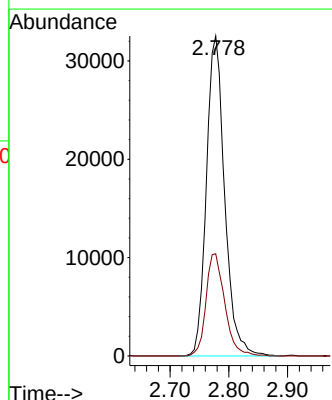
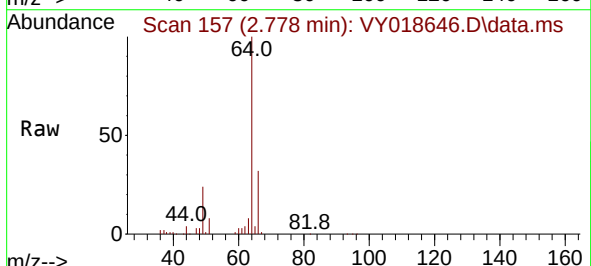
Acq: 19 Jun 2024 16:28

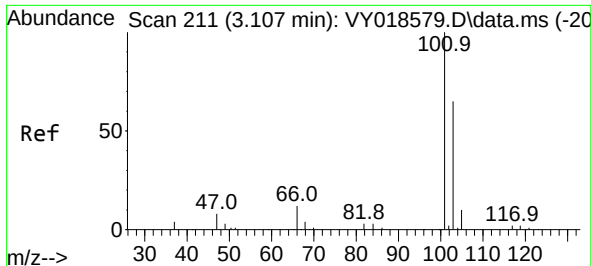
Tgt Ion: 64 Resp: 70342

Ion Ratio Lower Upper

64 100

66 32.0 26.1 39.1

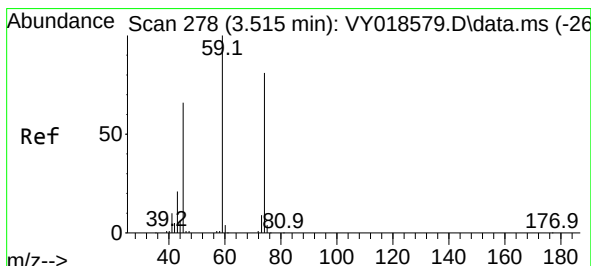
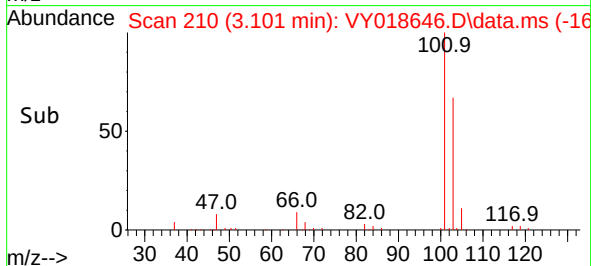
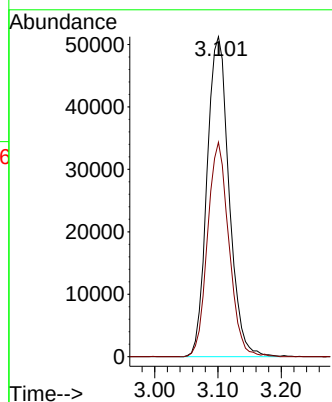
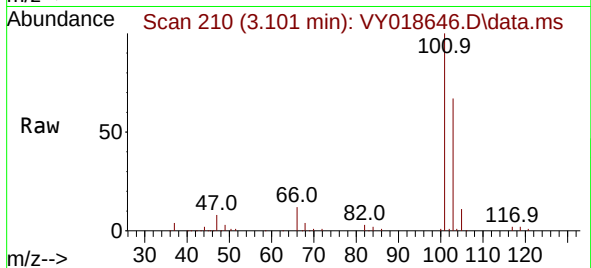




#7
 Trichlorofluoromethane
 Concen: 56.346 ug/l
 RT: 3.101 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY018646.D
 Acq: 19 Jun 2024 16:28

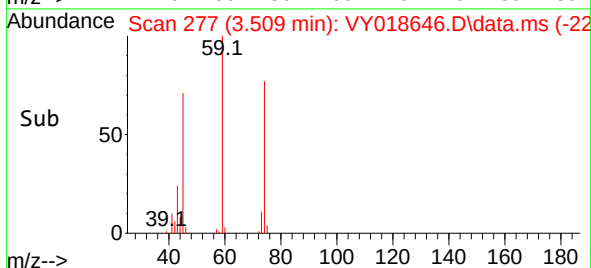
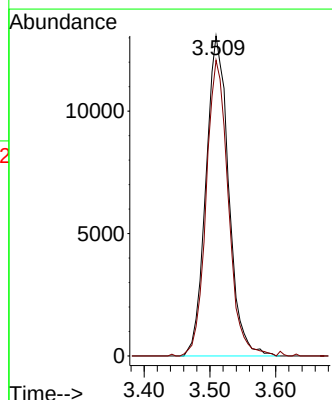
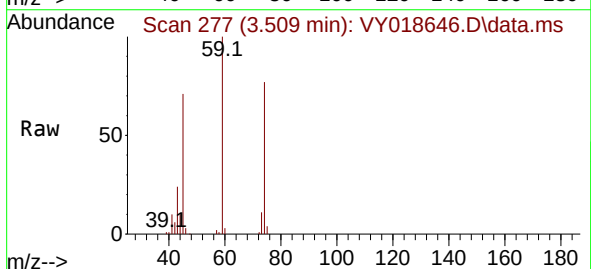
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

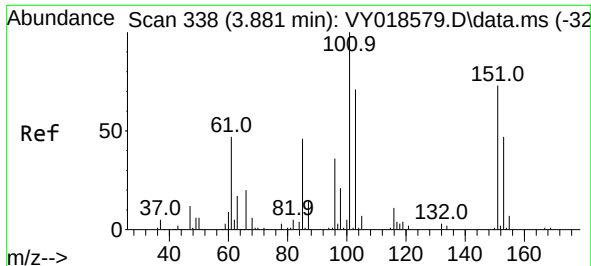
Tgt Ion:101 Resp: 123878
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.179 ug/l
 RT: 3.509 min Scan# 277
 Delta R.T. -0.006 min
 Lab File: VY018646.D
 Acq: 19 Jun 2024 16:28

Tgt Ion: 74 Resp: 31455
 Ion Ratio Lower Upper
 74 100
 45 89.8 41.3 124.1

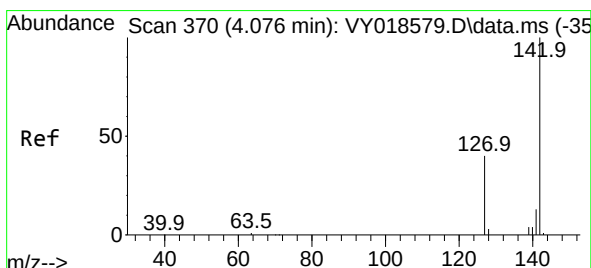
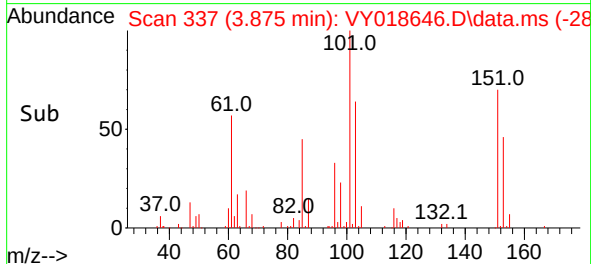
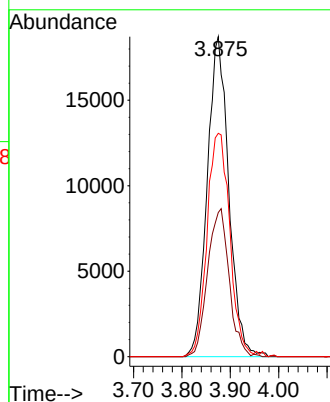
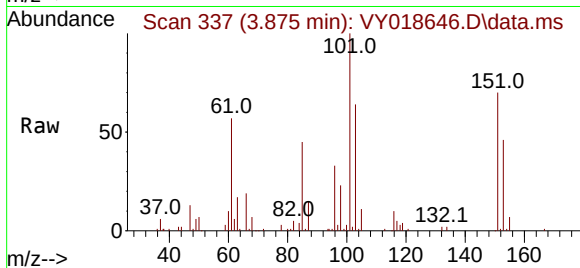




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.390 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

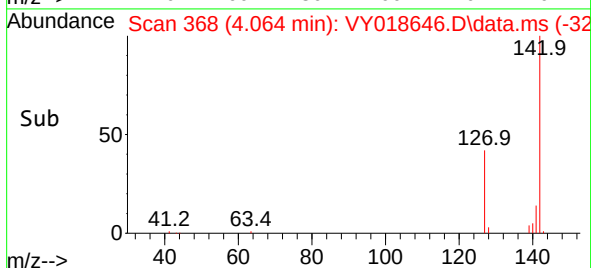
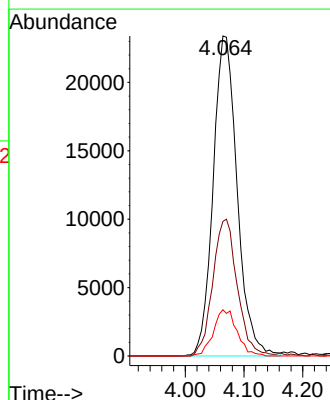
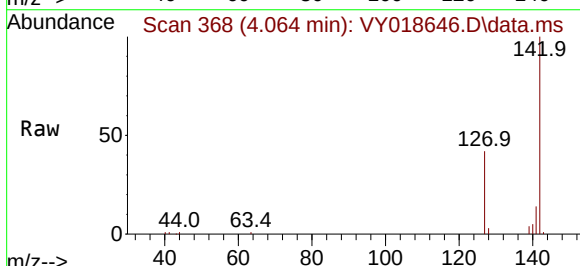
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

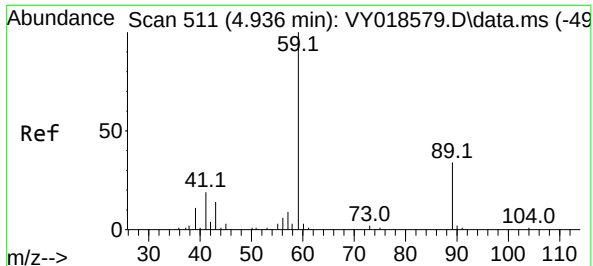
Tgt Ion:101 Resp: 57883
Ion Ratio Lower Upper
101 100
85 46.2 34.5 51.7
151 73.6 61.7 92.5



#10
Methyl Iodide
Concen: 47.889 ug/l
RT: 4.064 min Scan# 368
Delta R.T. -0.012 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion:142 Resp: 66472
Ion Ratio Lower Upper
142 100
127 43.4 32.8 49.2
141 14.2 11.4 17.2

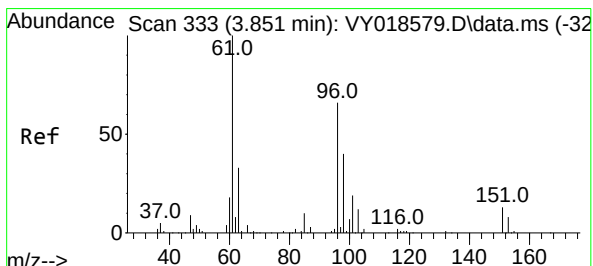
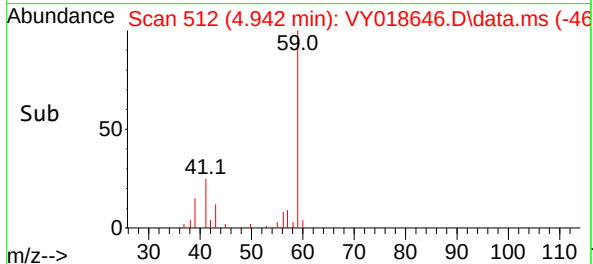
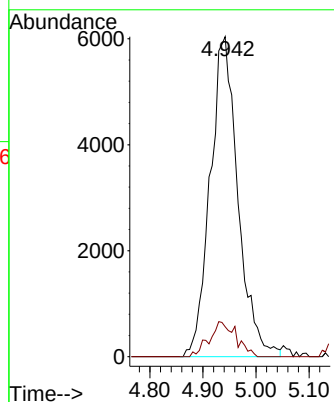
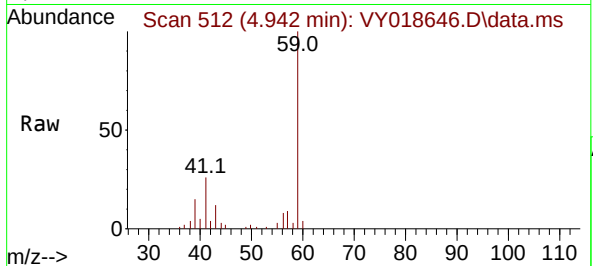




#11
Tert butyl alcohol
Concen: 99.995 ug/l
RT: 4.942 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

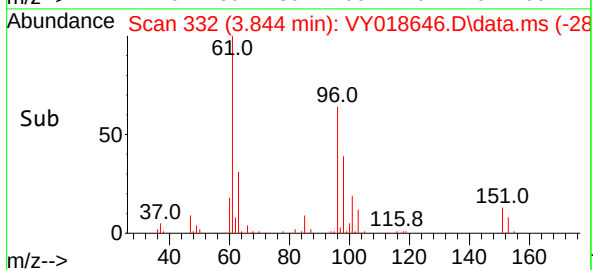
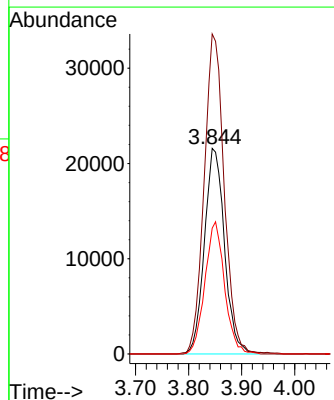
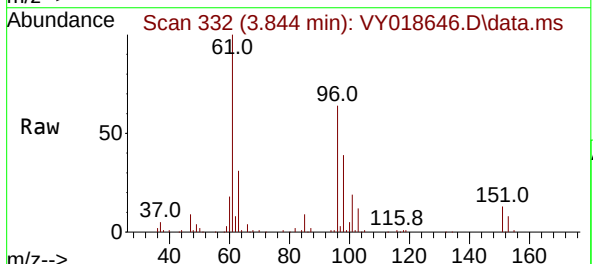
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

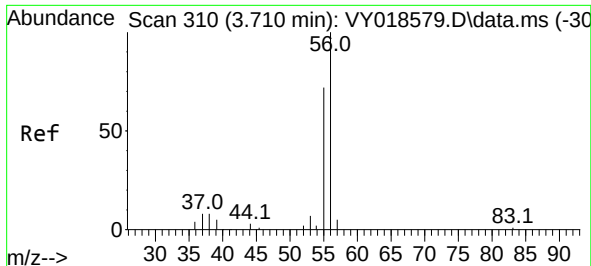
Tgt Ion: 59 Resp: 22008
Ion Ratio Lower Upper
59 100
57 10.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 49.293 ug/l
RT: 3.844 min Scan# 332
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 96 Resp: 56903
Ion Ratio Lower Upper
96 100
61 155.4 114.6 171.8
98 61.2 50.8 76.2

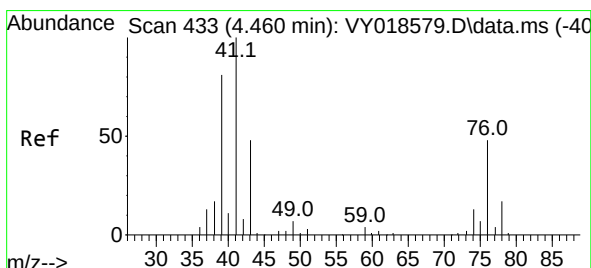
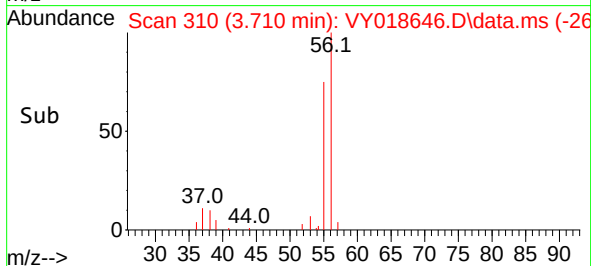
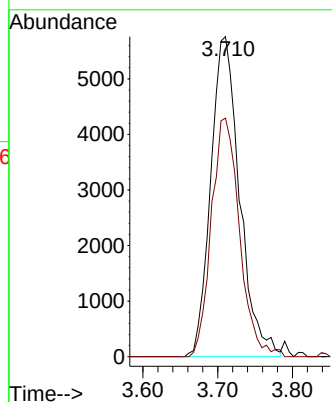
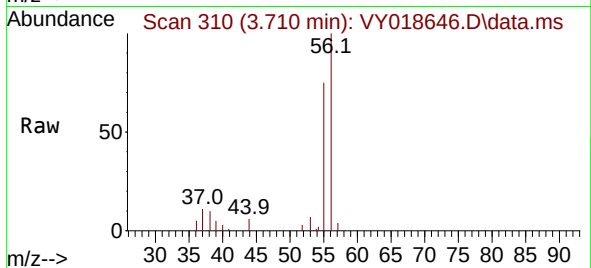




#13
Acrolein
Concen: 218.575 ug/l
RT: 3.710 min Scan# 310
Delta R.T. 0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

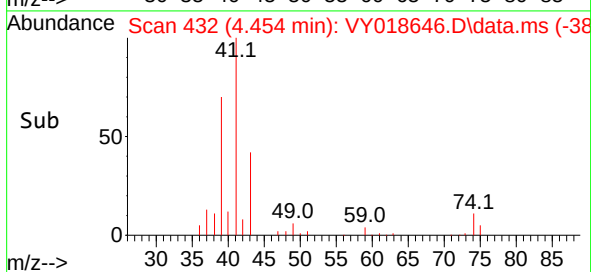
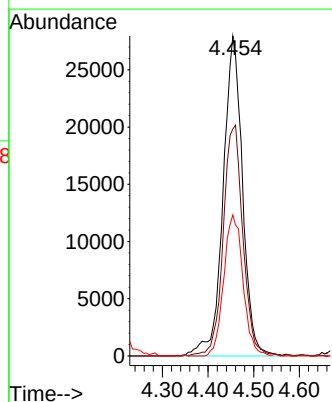
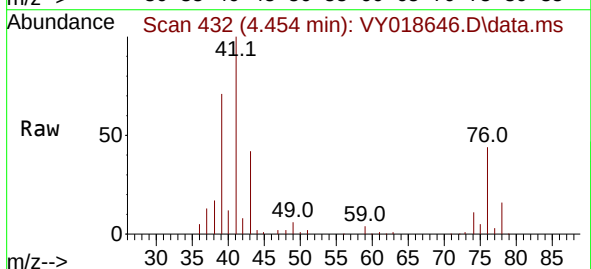
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

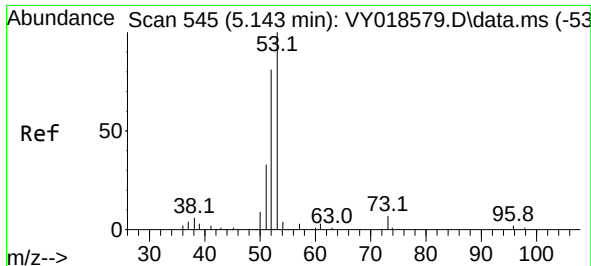
Tgt Ion: 56 Resp: 15466
Ion Ratio Lower Upper
56 100
55 72.7 55.7 83.5



#14
Allyl chloride
Concen: 53.108 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 41 Resp: 82650
Ion Ratio Lower Upper
41 100
39 73.1 58.3 87.5
76 43.6 39.0 58.6

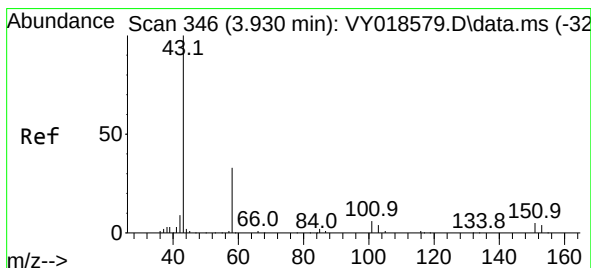
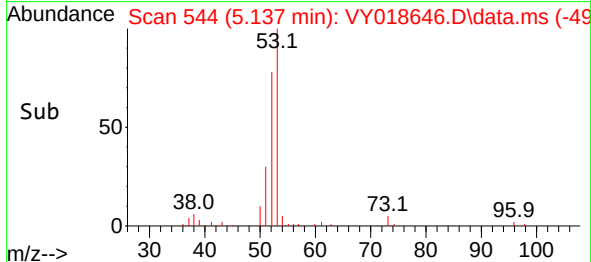
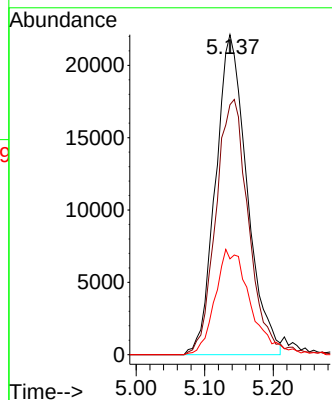
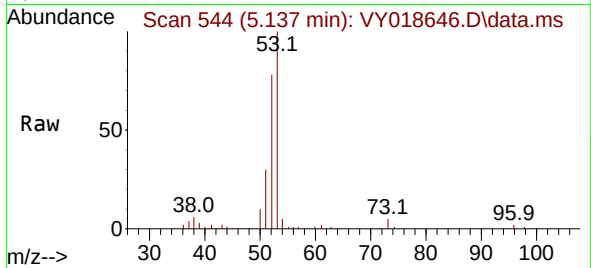




#15
Acrylonitrile
Concen: 253.004 ug/l
RT: 5.137 min Scan# 545
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

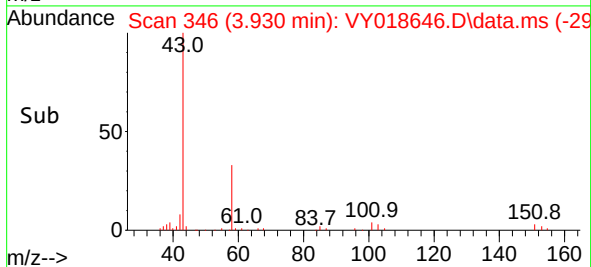
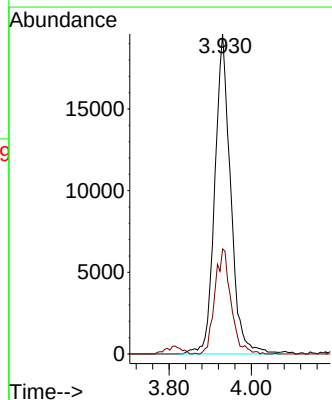
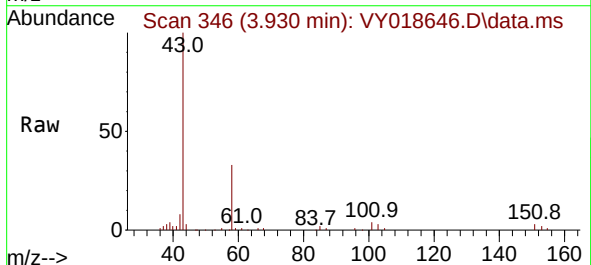
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

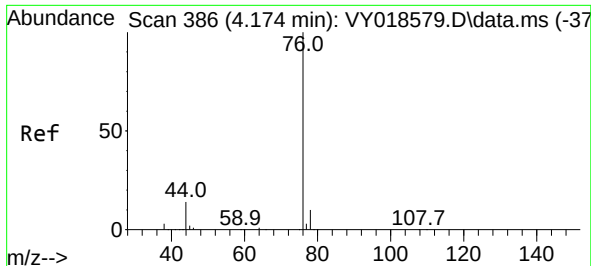
Tgt Ion: 53 Resp: 70554
Ion Ratio Lower Upper
53 100
52 83.8 64.7 97.1
51 37.2 28.4 42.6



#16
Acetone
Concen: 210.978 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 43 Resp: 52521
Ion Ratio Lower Upper
43 100
58 32.9 31.7 47.5

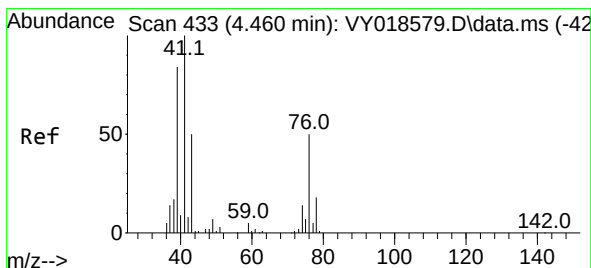
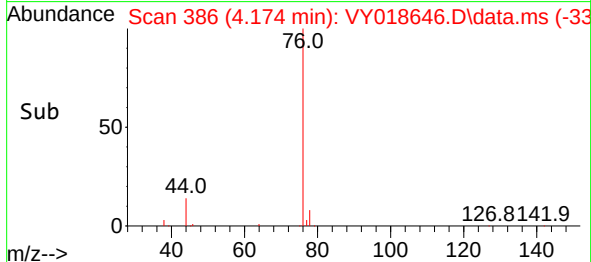
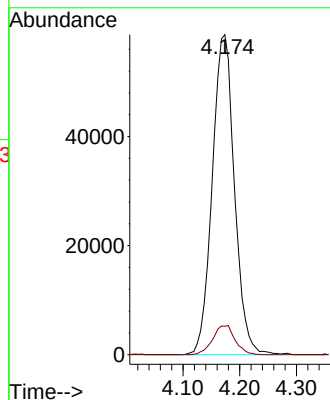
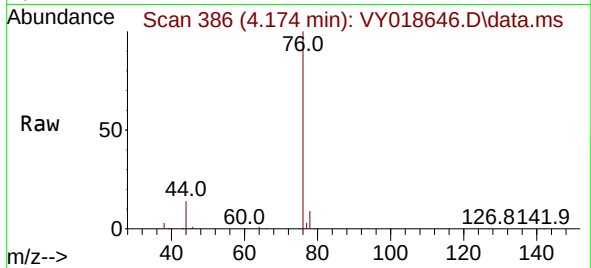




#17
Carbon Disulfide
Concen: 45.782 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

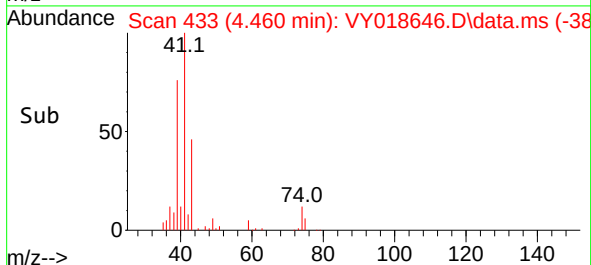
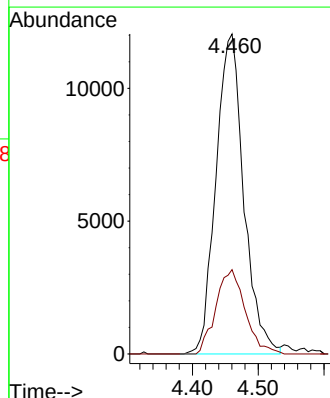
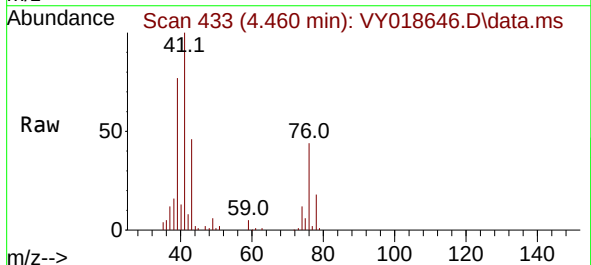
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

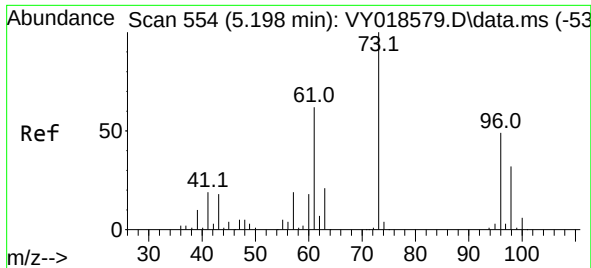
Tgt Ion: 76 Resp: 159597
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 56.161 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 43 Resp: 35462
Ion Ratio Lower Upper
43 100
74 27.8 23.3 34.9

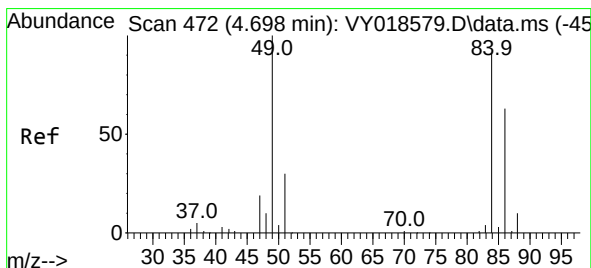
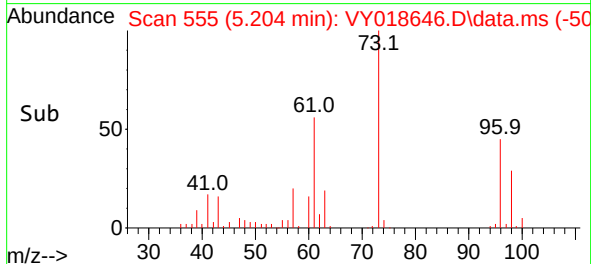
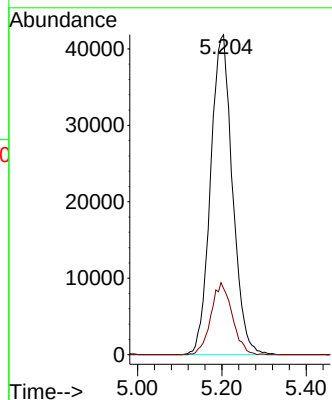
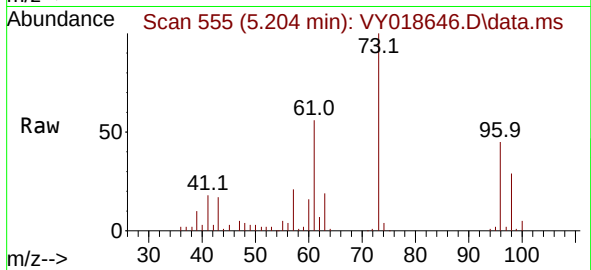




#19
Methyl tert-butyl Ether
Concen: 49.075 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

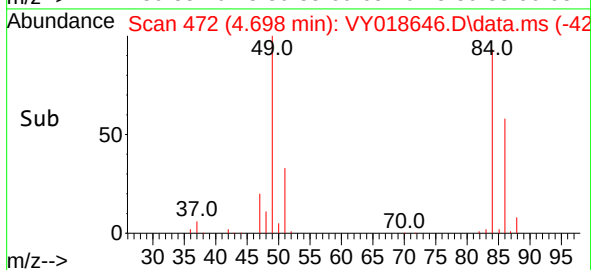
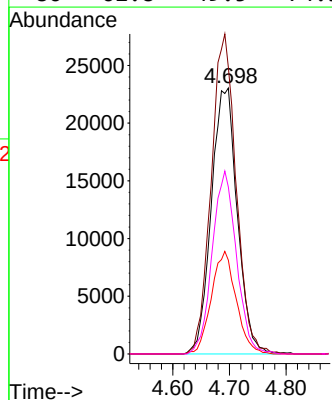
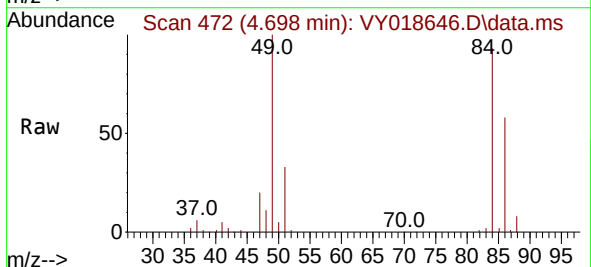
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

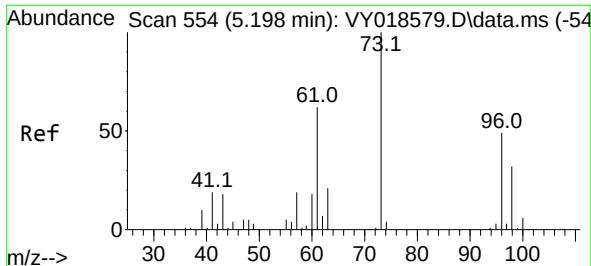
Tgt Ion: 73 Resp: 151118
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 47.333 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 84 Resp: 73351
Ion Ratio Lower Upper
84 100
49 107.8 84.4 126.6
51 35.3 26.0 39.0
86 62.8 49.5 74.3

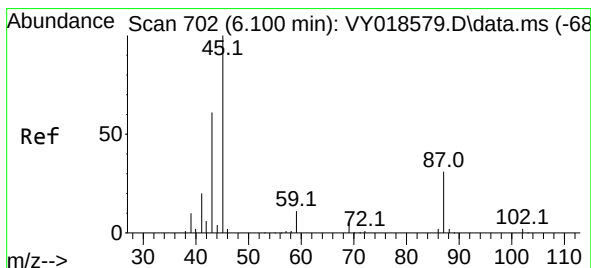
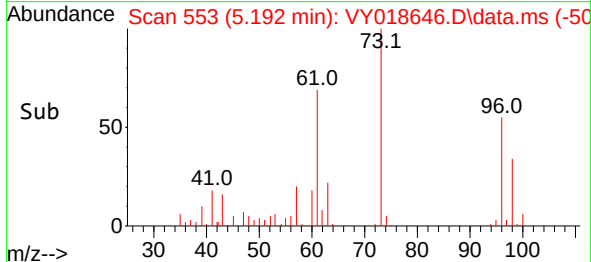
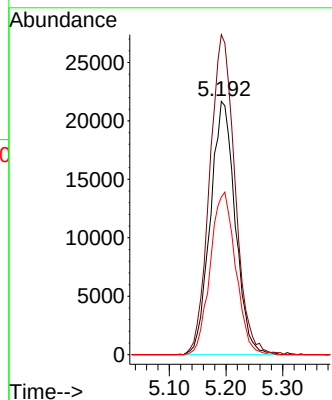
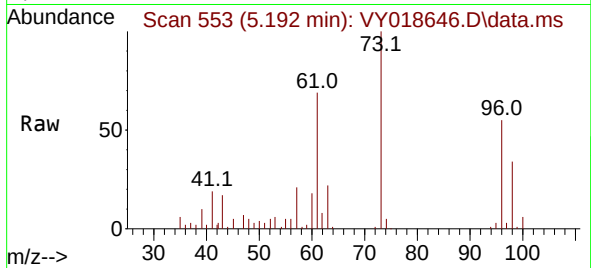




#21
trans-1,2-Dichloroethene
Concen: 50.219 ug/l
RT: 5.192 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

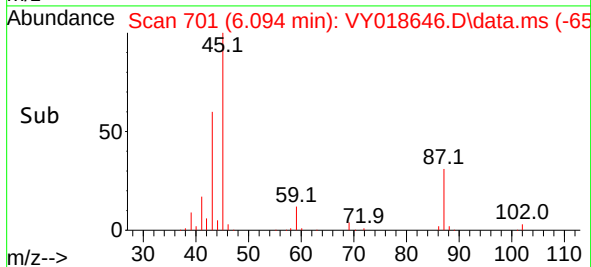
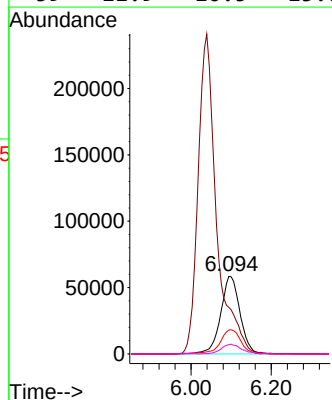
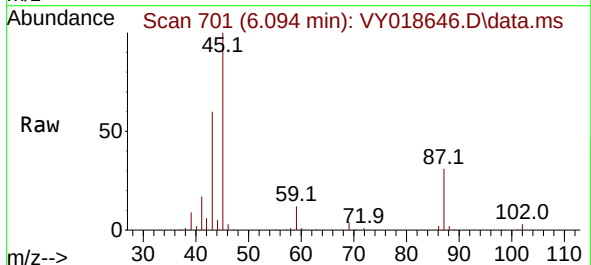
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

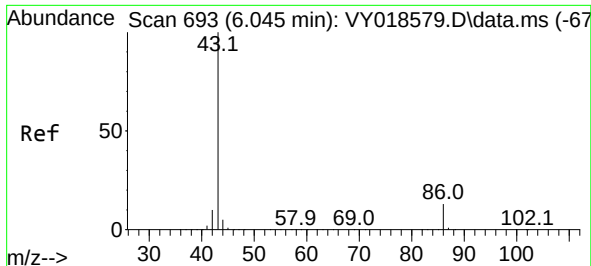
Tgt Ion: 96 Resp: 65993
Ion Ratio Lower Upper
96 100
61 126.1 97.5 146.3
98 62.2 50.5 75.7



#22
Diisopropyl ether
Concen: 55.678 ug/l
RT: 6.094 min Scan# 701
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 45 Resp: 195615
Ion Ratio Lower Upper
45 100
43 59.5 42.2 63.2
87 30.8 25.0 37.6
59 11.9 10.5 15.7

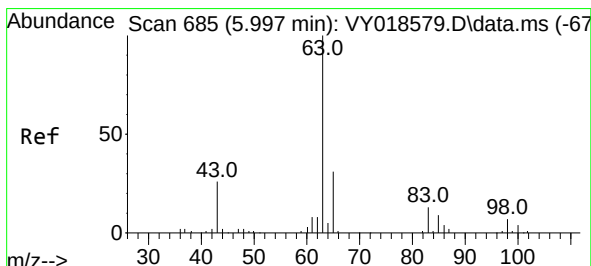
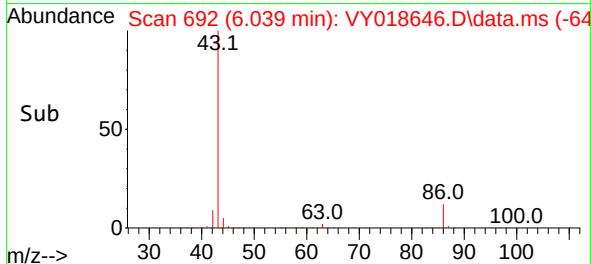
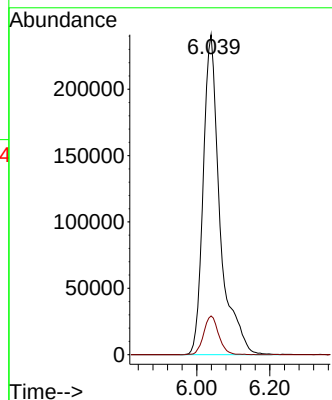
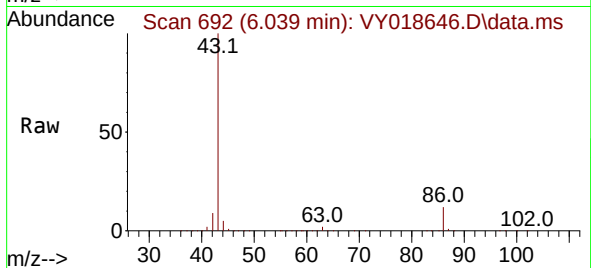




#23
 Vinyl Acetate
 Concen: 235.711 ug/l
 RT: 6.039 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY018646.D
 Acq: 19 Jun 2024 16:28

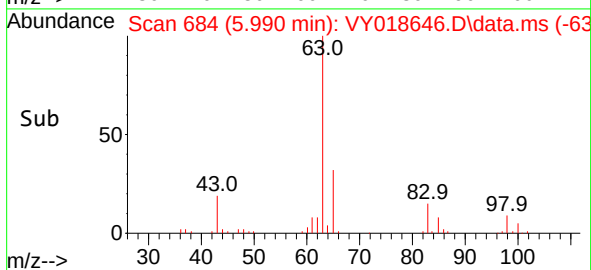
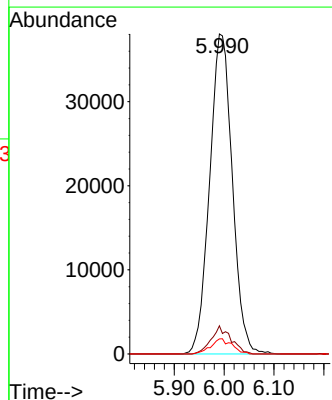
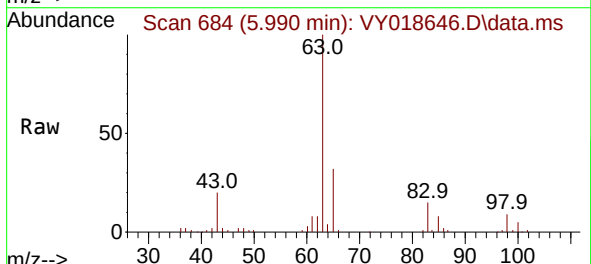
Instrument :
 MSVOA_Y
 ClientSampleId :
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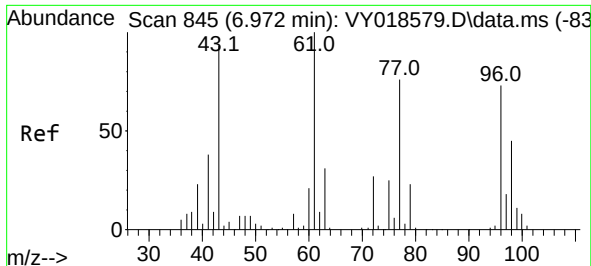
Tgt Ion: 43 Resp: 767460
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 53.104 ug/l
 RT: 5.990 min Scan# 684
 Delta R.T. -0.006 min
 Lab File: VY018646.D
 Acq: 19 Jun 2024 16:28

Tgt Ion: 63 Resp: 120198
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.0 12.2
 100 4.7 2.6 8.0

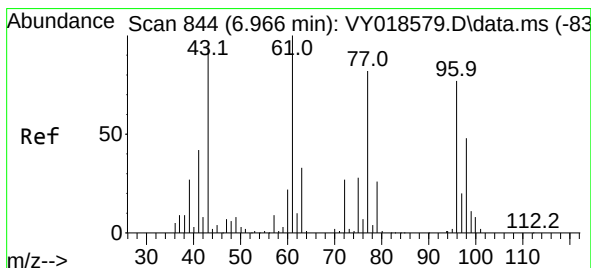
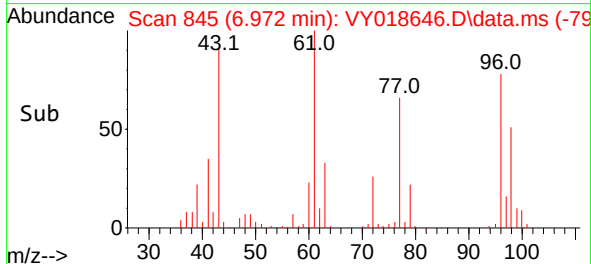
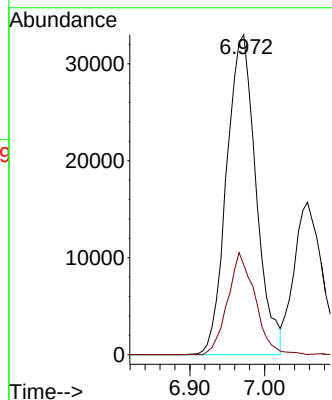
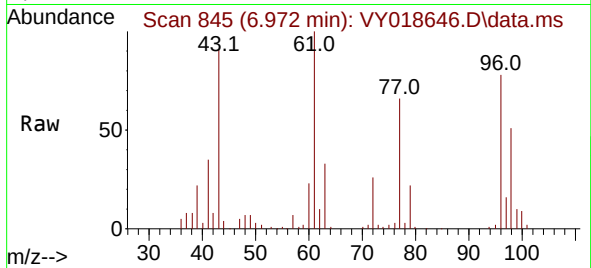




#25
2-Butanone
Concen: 242.546 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

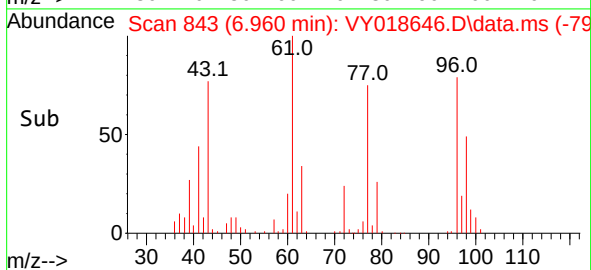
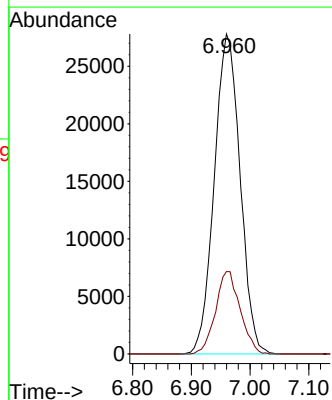
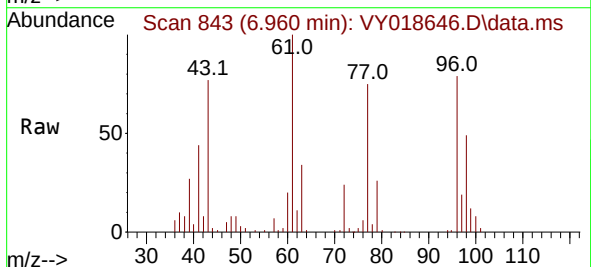
Instrument :
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ClientSampleId :
VSTDCCC050EC

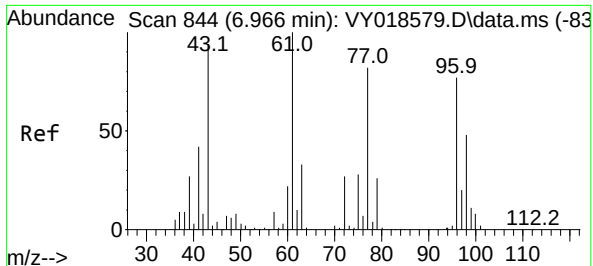
Tgt Ion: 43 Resp: 90506
Ion Ratio Lower Upper
43 100
72 28.1 27.3 40.9



#26
2,2-Dichloropropane
Concen: 44.496 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 77 Resp: 84853
Ion Ratio Lower Upper
77 100
97 24.6 12.0 36.1

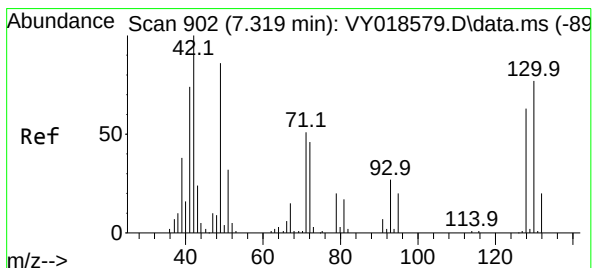
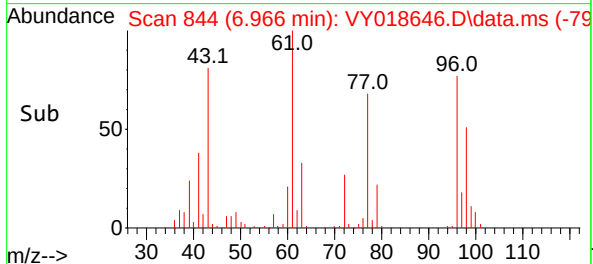
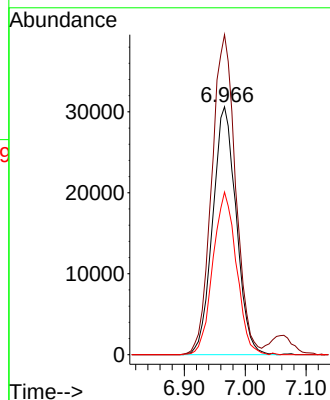
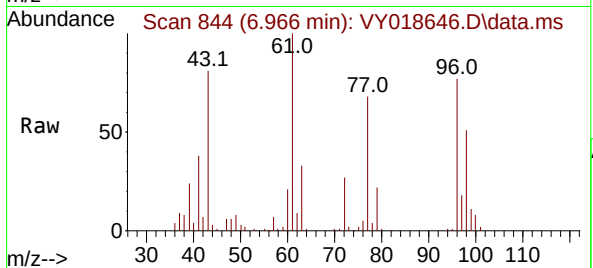




#27
 cis-1,2-Dichloroethene
 Concen: 51.833 ug/l
 RT: 6.966 min Scan# 844
 Delta R.T. -0.000 min
 Lab File: VY018646.D
 Acq: 19 Jun 2024 16:28

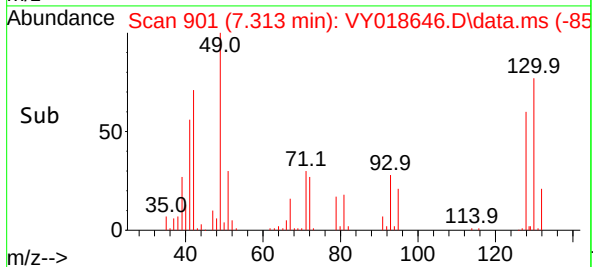
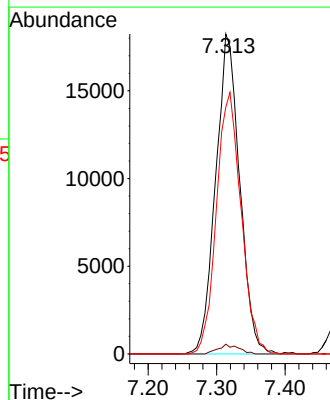
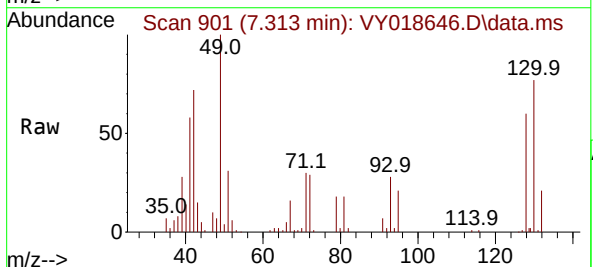
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

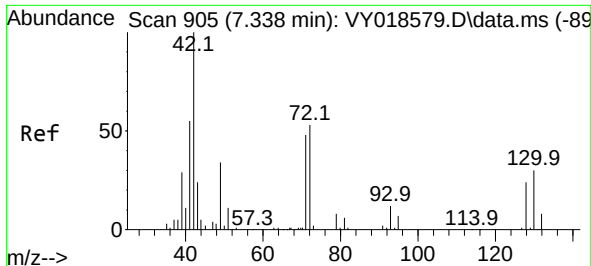
Tgt Ion: 96 Resp: 82274
 Ion Ratio Lower Upper
 96 100
 61 131.0 0.0 256.2
 98 65.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 47.859 ug/l
 RT: 7.313 min Scan# 901
 Delta R.T. -0.006 min
 Lab File: VY018646.D
 Acq: 19 Jun 2024 16:28

Tgt Ion: 49 Resp: 44400
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 83.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 273.303 ug/l

RT: 7.332 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

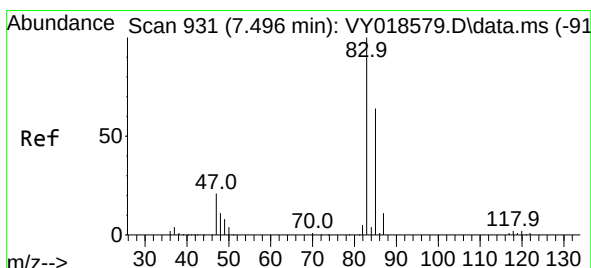
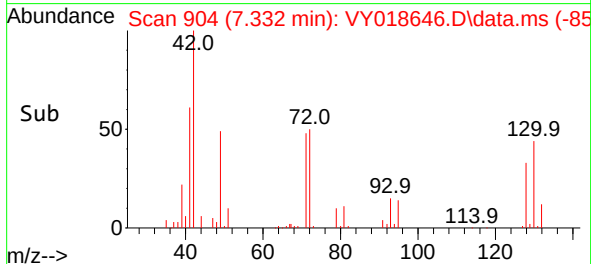
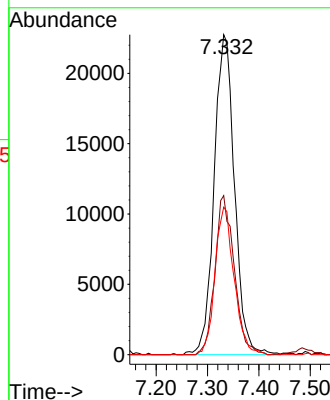
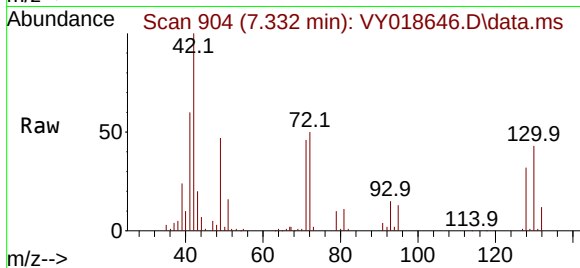
Tgt Ion: 42 Resp: 62585

Ion Ratio Lower Upper

42 100

72 47.0 43.0 64.4

71 43.6 40.8 61.2



#30

Chloroform

Concen: 52.338 ug/l

RT: 7.490 min Scan# 930

Delta R.T. -0.006 min

Lab File: VY018646.D

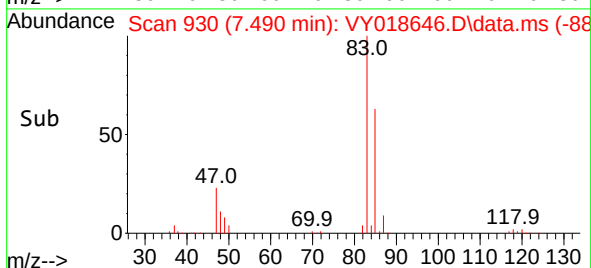
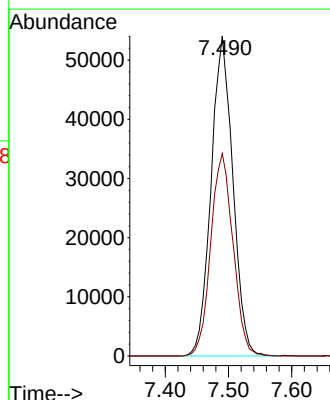
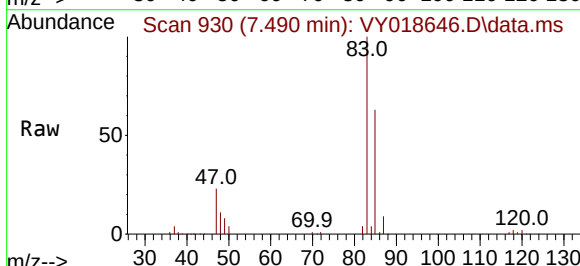
Acq: 19 Jun 2024 16:28

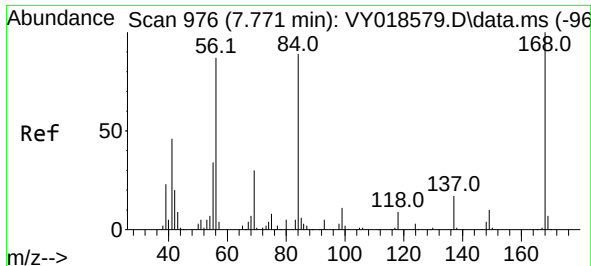
Tgt Ion: 83 Resp: 129105

Ion Ratio Lower Upper

83 100

85 63.2 52.2 78.4

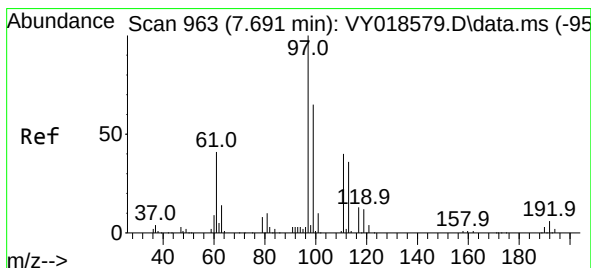
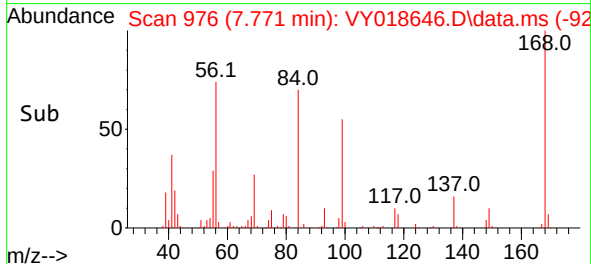
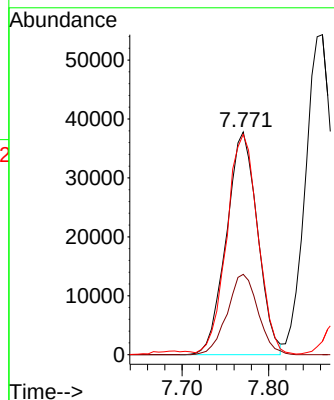
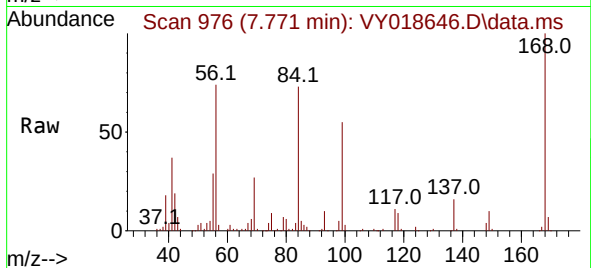




#31
Cyclohexane
Concen: 50.315 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

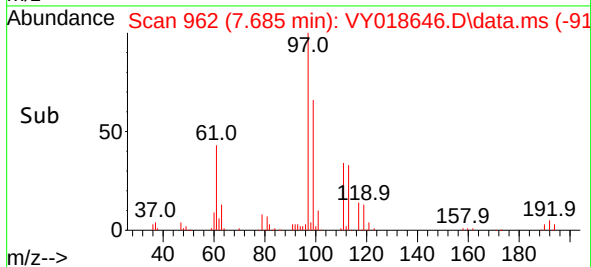
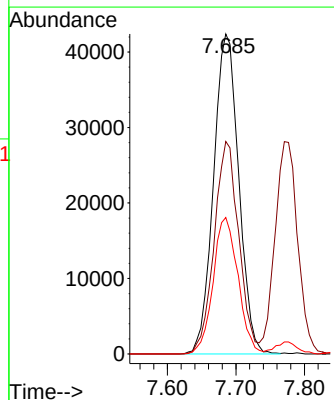
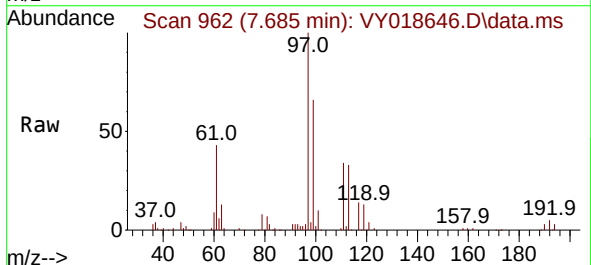
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

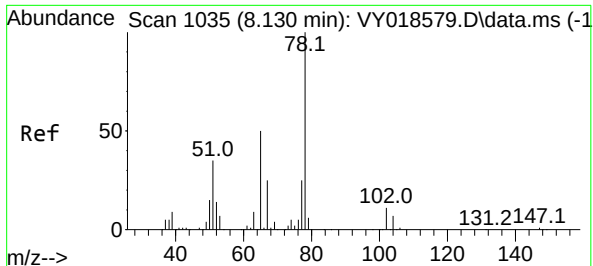
Tgt Ion: 56 Resp: 94305
Ion Ratio Lower Upper
56 100
69 36.0 28.7 43.1
84 97.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.603 ug/l
RT: 7.685 min Scan# 962
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 97 Resp: 108139
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 42.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 45.721 ug/l

RT: 8.124 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

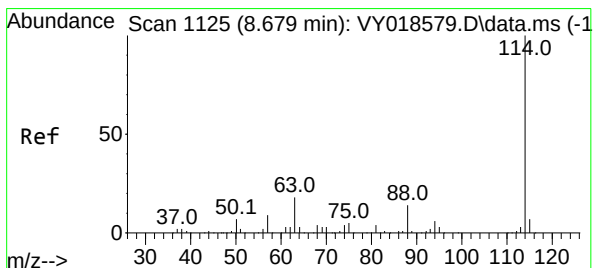
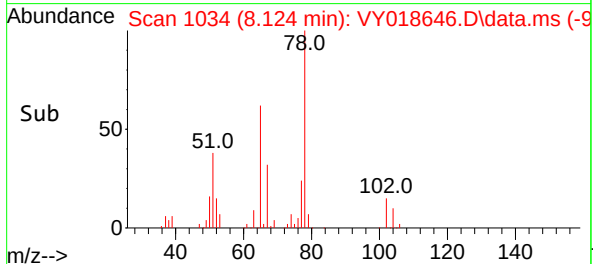
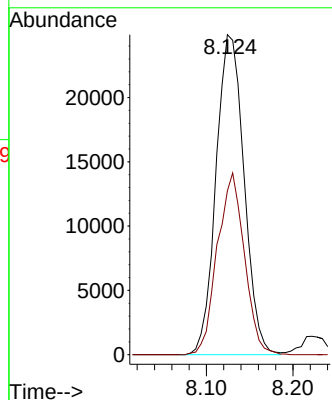
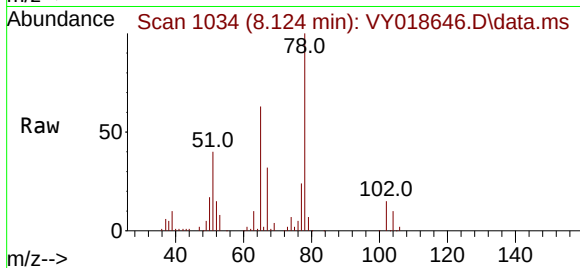
VSTDCCC050EC

Tgt Ion: 65 Resp: 55944

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

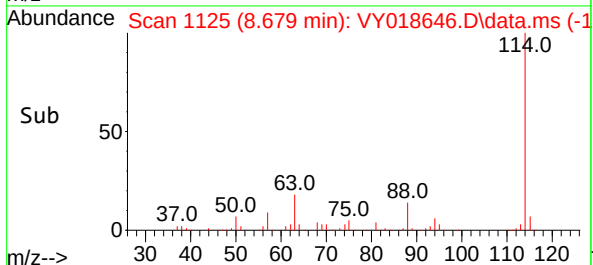
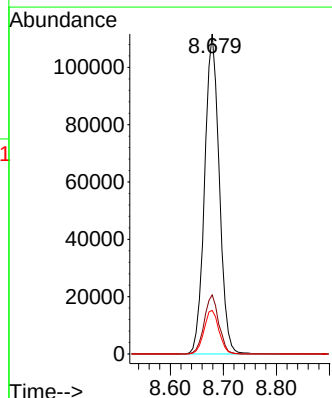
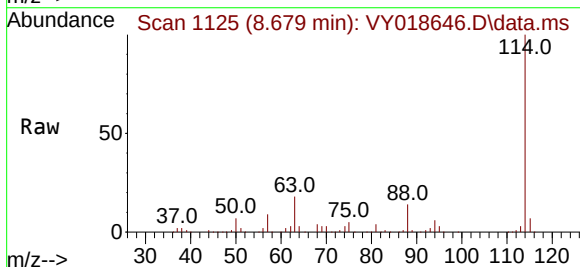
Tgt Ion: 114 Resp: 213646

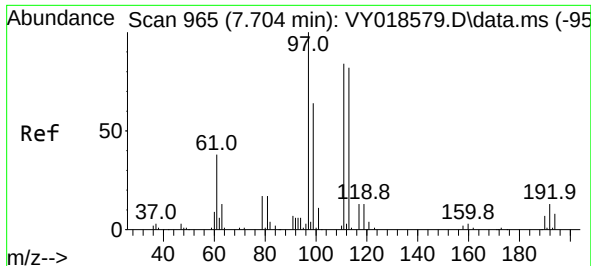
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.6 0.0 27.2

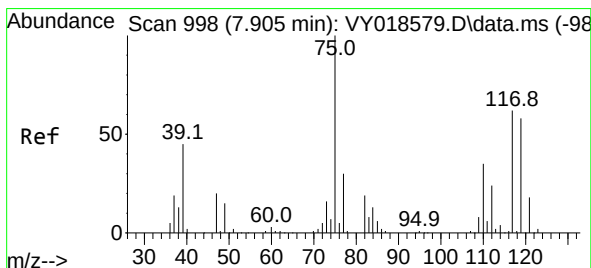
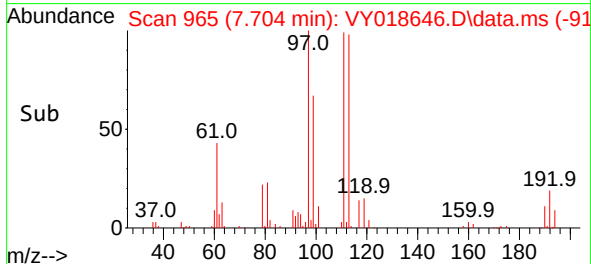
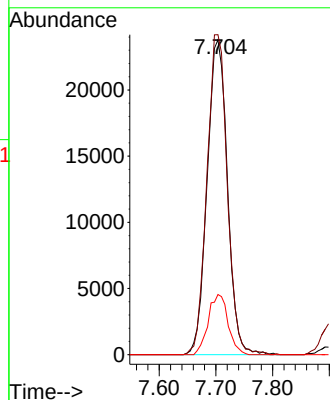
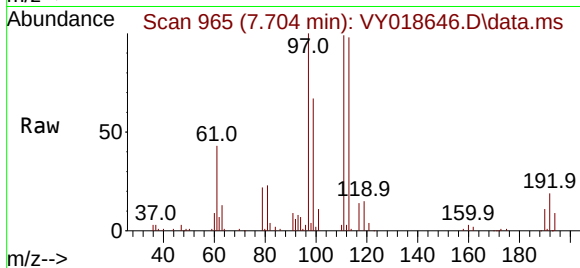




#35
Dibromofluoromethane
Concen: 45.422 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

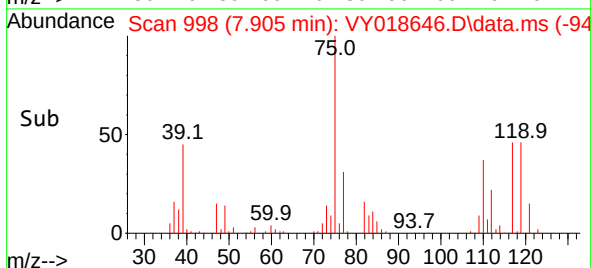
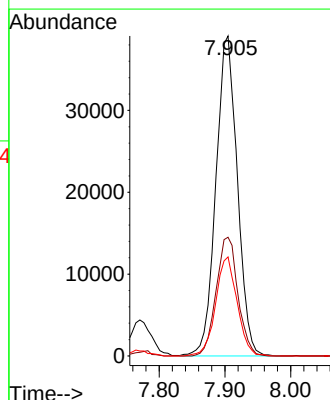
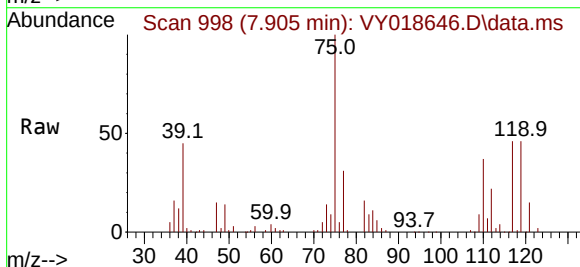
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

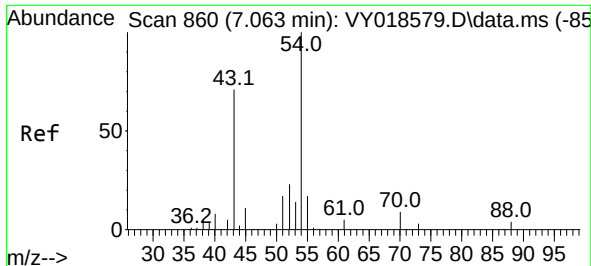
Tgt Ion:113 Resp: 59198
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 18.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.505 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 75 Resp: 88807
Ion Ratio Lower Upper
75 100
110 37.6 19.0 57.0
77 31.0 25.3 37.9

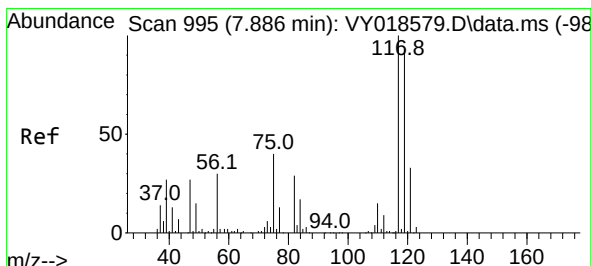
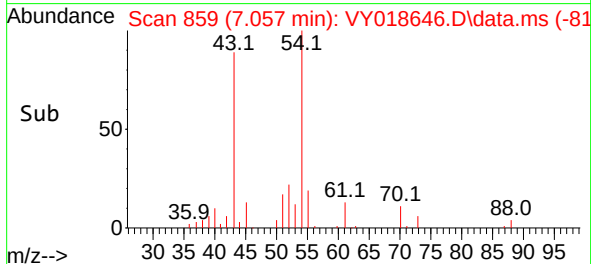
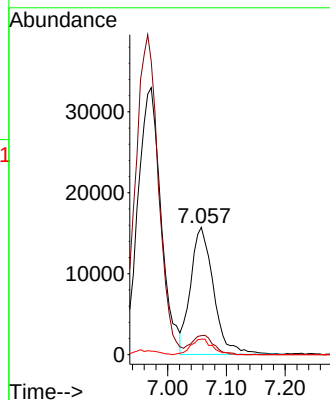
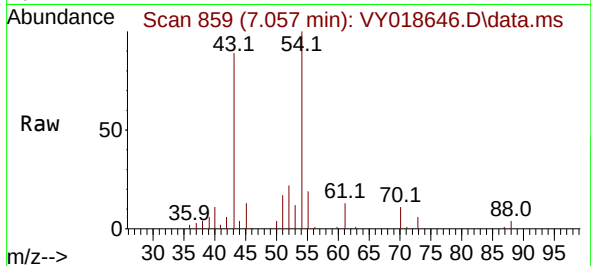




#37
Ethyl Acetate
Concen: 50.239 ug/l
RT: 7.057 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

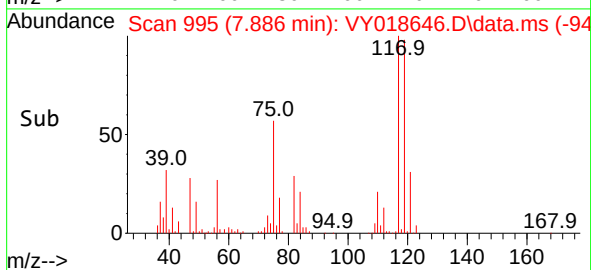
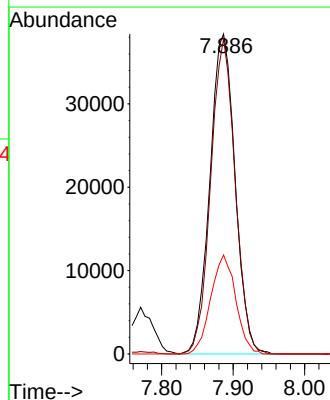
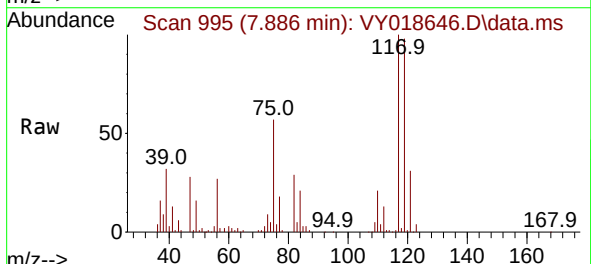
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

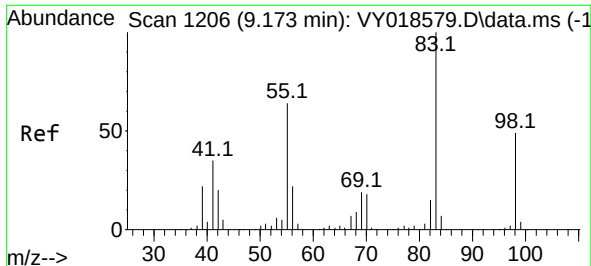
Tgt Ion: 43 Resp: 42485
Ion Ratio Lower Upper
43 100
61 15.0 12.6 19.0
70 11.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.957 ug/l
RT: 7.886 min Scan# 995
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 117 Resp: 94021
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
121 30.9 24.0 36.0

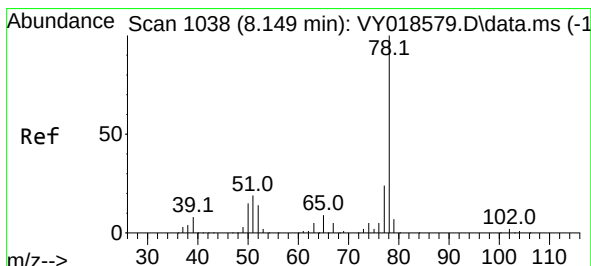
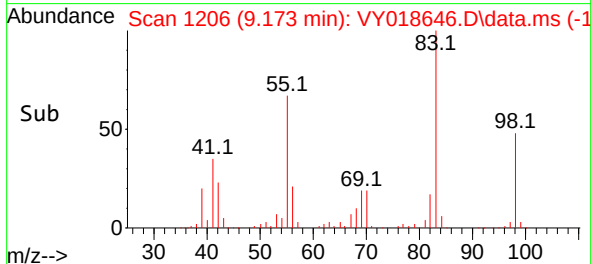
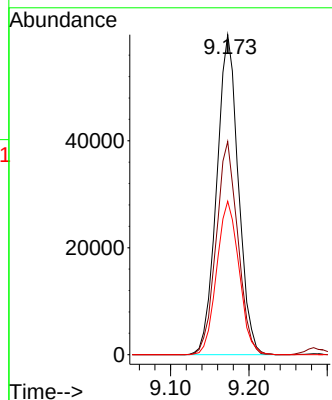
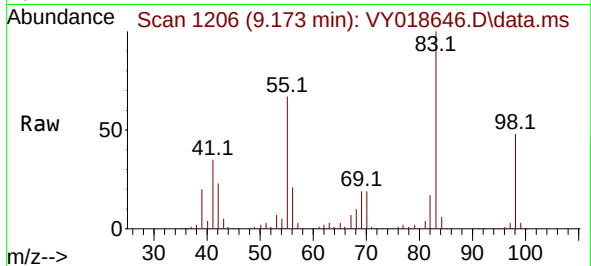




#39
Methylcyclohexane
Concen: 52.331 ug/l
RT: 9.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

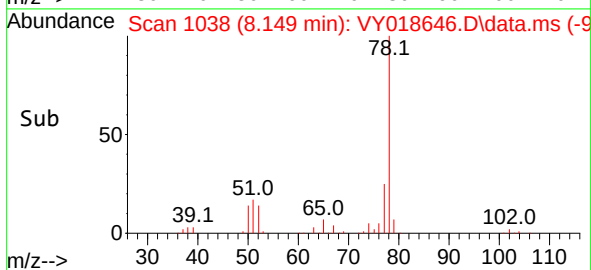
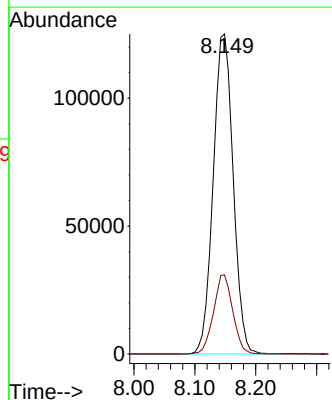
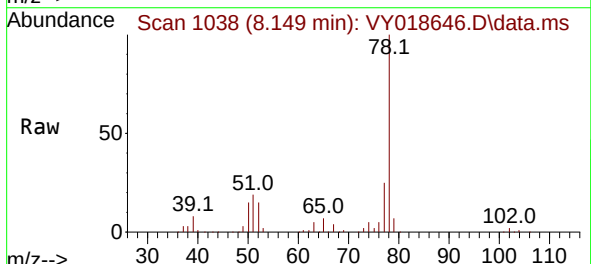
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

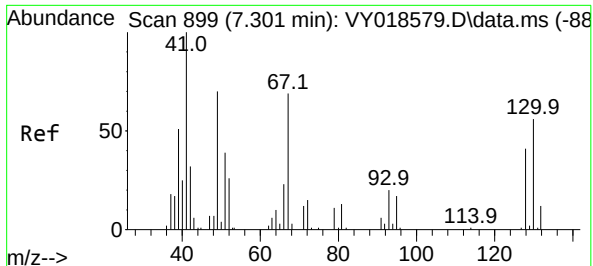
Tgt Ion: 83 Resp: 115027
Ion Ratio Lower Upper
83 100
55 66.6 51.5 77.3
98 48.0 40.5 60.7



#40
Benzene
Concen: 51.375 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 78 Resp: 285030
Ion Ratio Lower Upper
78 100
77 24.7 19.5 29.3

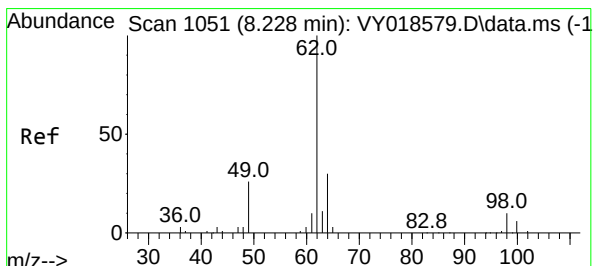
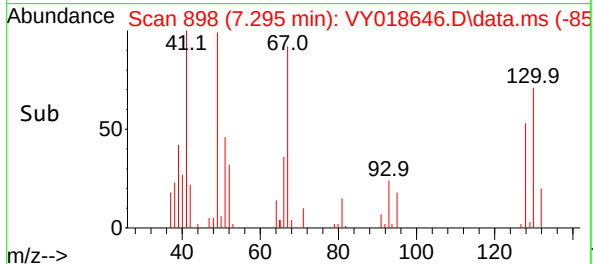
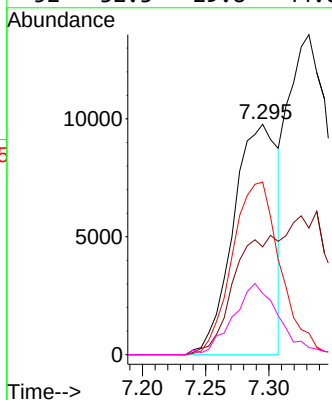
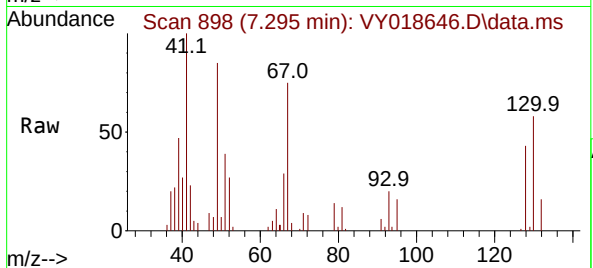




#41
Methacrylonitrile
Concen: 56.089 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

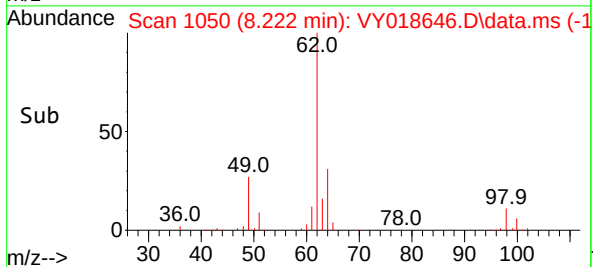
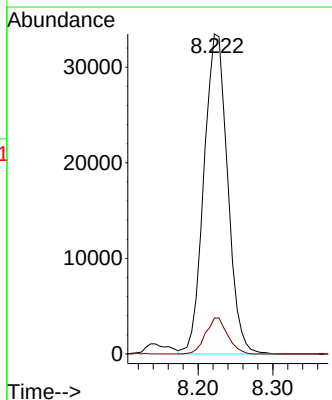
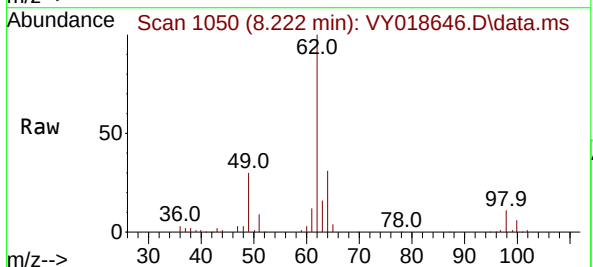
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

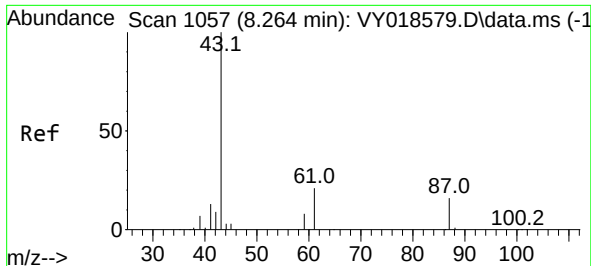
Tgt Ion: 41 Resp: 23856
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 81.2 75.1 112.7
52 32.3 29.8 44.6



#42
1,2-Dichloroethane
Concen: 50.928 ug/l
RT: 8.222 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 62 Resp: 73713
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.0





#43

Isopropyl Acetate

Concen: 51.919 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

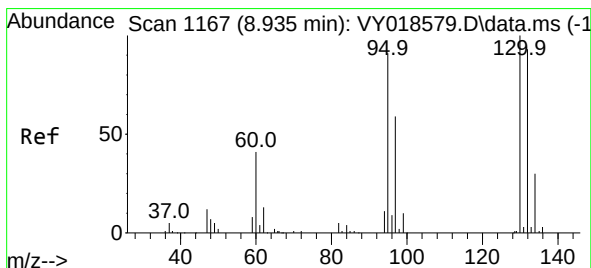
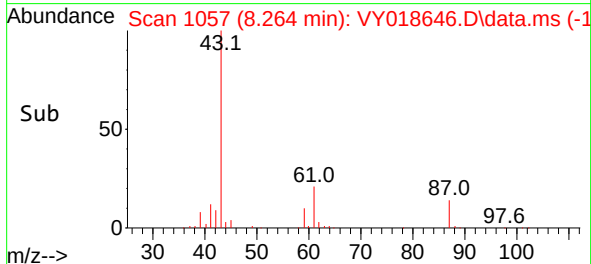
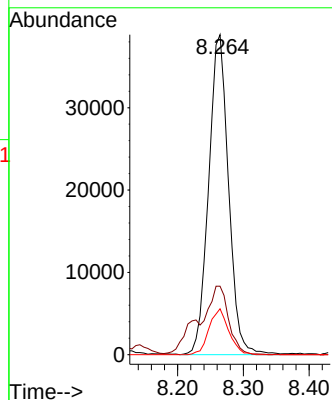
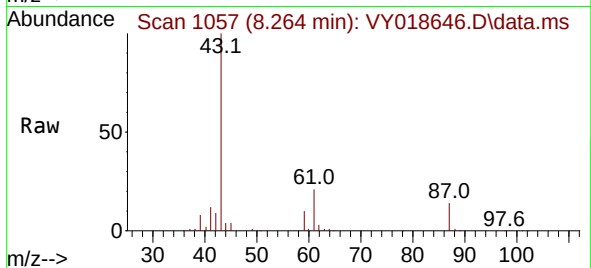
Tgt Ion: 43 Resp: 81948

Ion Ratio Lower Upper

43 100

61 31.8 27.9 41.9

87 14.2 13.1 19.7



#44

Trichloroethene

Concen: 50.731 ug/l

RT: 8.929 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VY018646.D

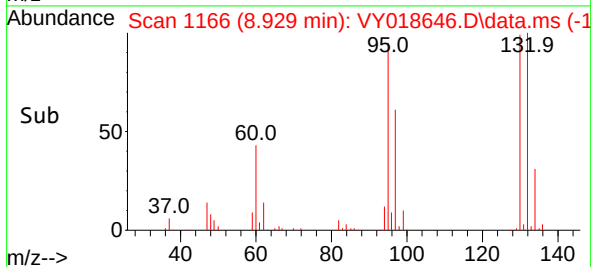
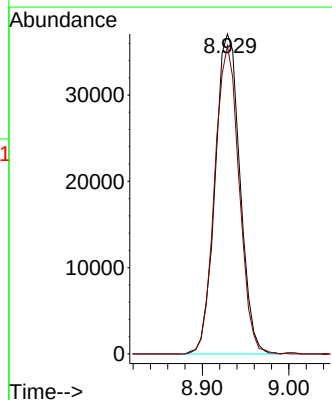
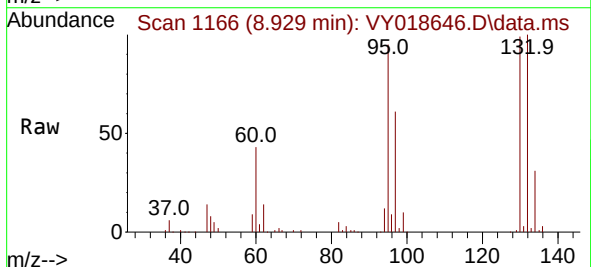
Acq: 19 Jun 2024 16:28

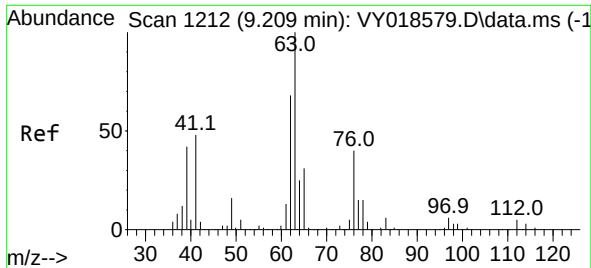
Tgt Ion:130 Resp: 73688

Ion Ratio Lower Upper

130 100

95 96.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.733 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

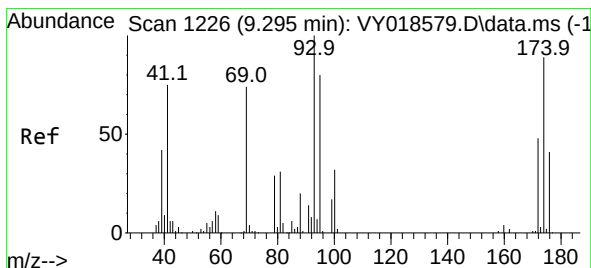
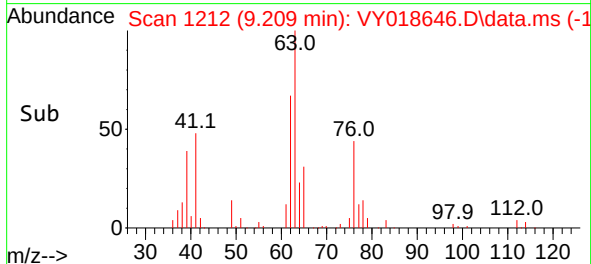
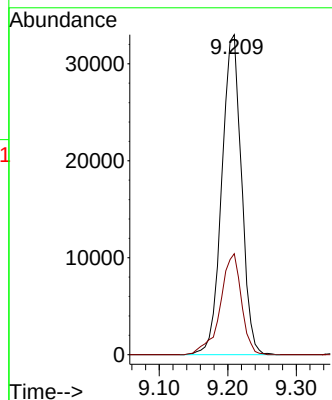
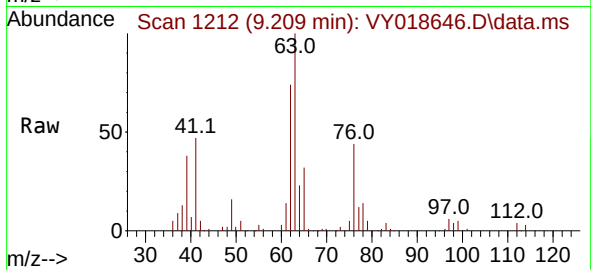
VSTDCCC050EC

Tgt Ion: 63 Resp: 65628

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#46

Dibromomethane

Concen: 49.913 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

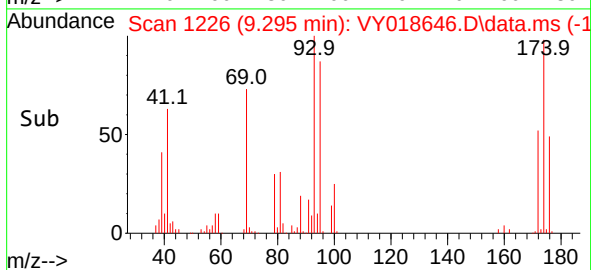
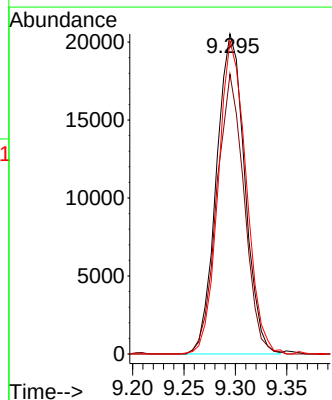
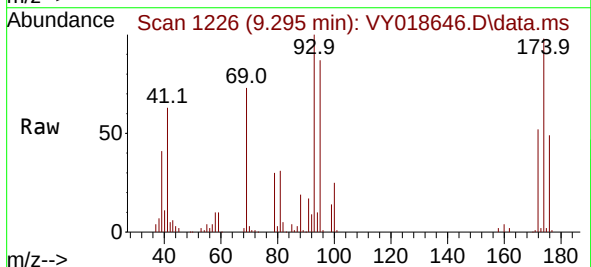
Tgt Ion: 93 Resp: 39289

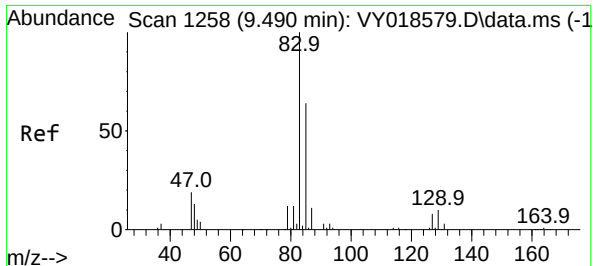
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 96.3 80.9 121.3

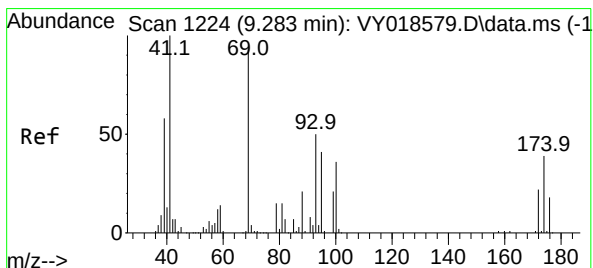
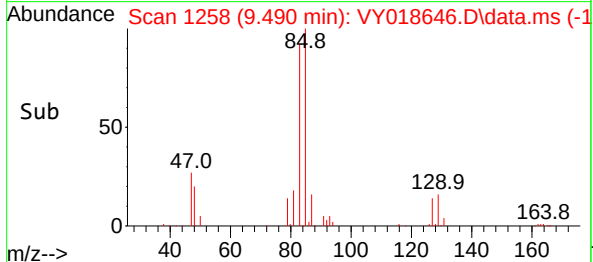
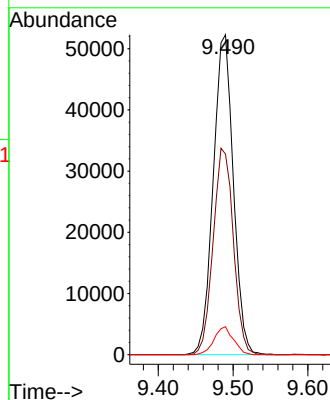
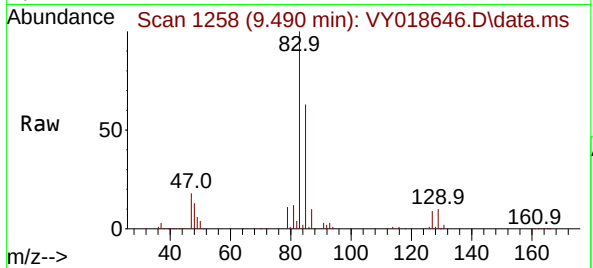




#47
Bromodichloromethane
Concen: 52.161 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

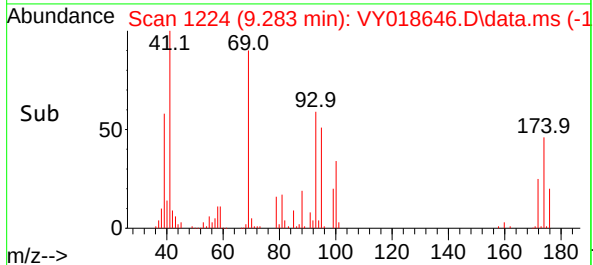
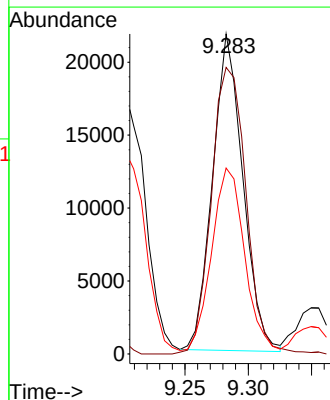
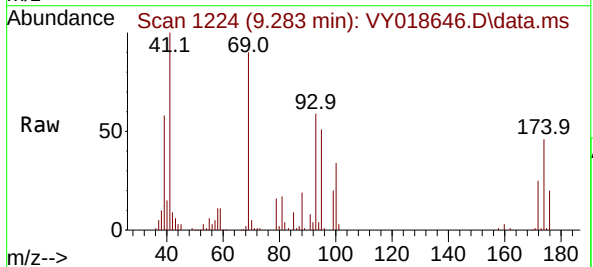
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

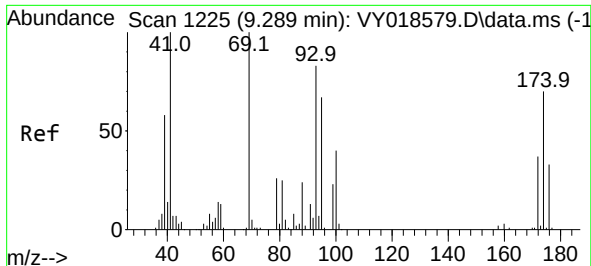
Tgt Ion: 83 Resp: 97995
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 50.985 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 41 Resp: 36229
Ion Ratio Lower Upper
41 100
69 103.4 84.1 126.1
39 63.7 43.6 65.4





#49

1,4-Dioxane

Concen: 963.062 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

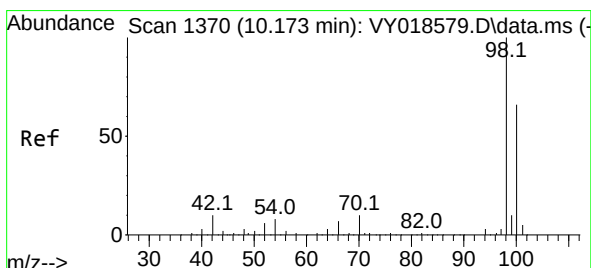
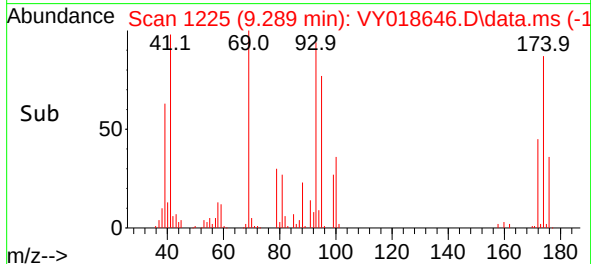
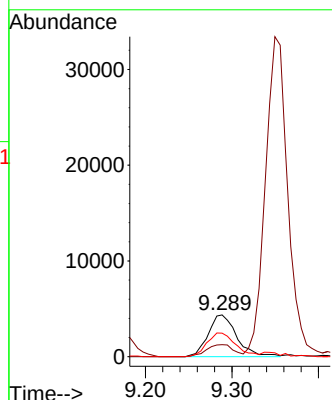
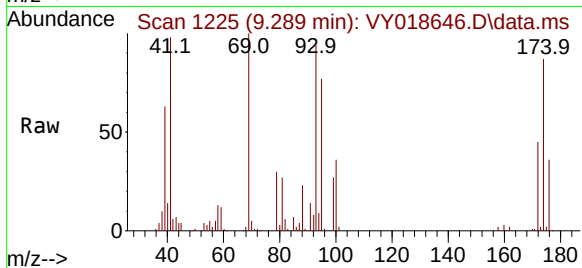
Tgt Ion: 88 Resp: 9970

Ion Ratio Lower Upper

88 100

43 27.5 0.0 0.0#

58 57.0 49.3 73.9



#50

Toluene-d8

Concen: 45.187 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018646.D

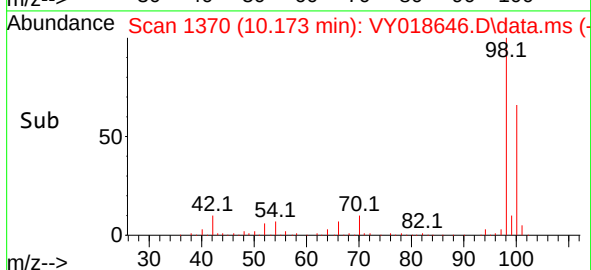
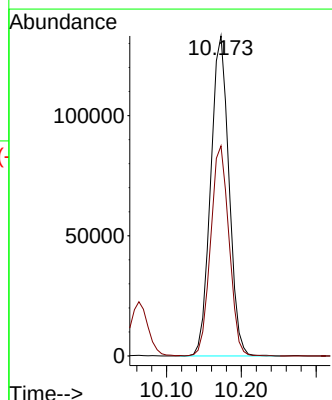
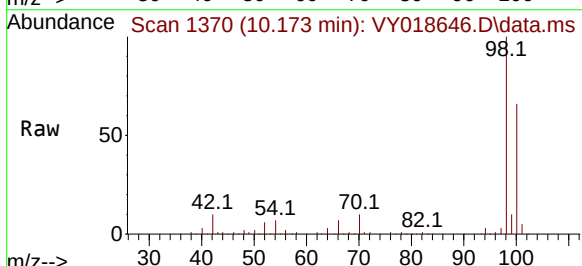
Acq: 19 Jun 2024 16:28

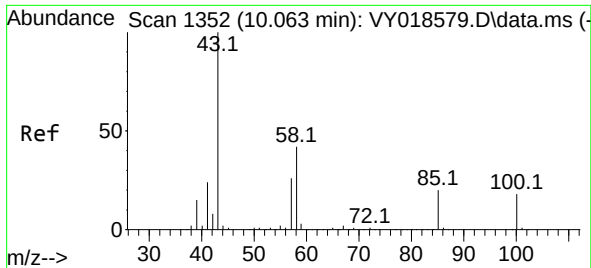
Tgt Ion: 98 Resp: 226475

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

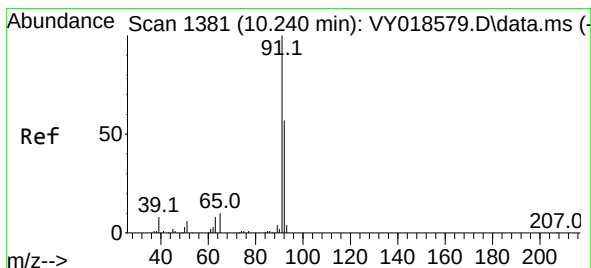
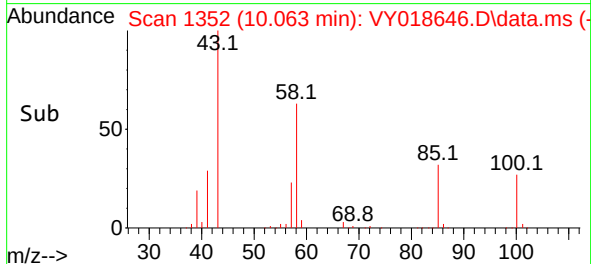
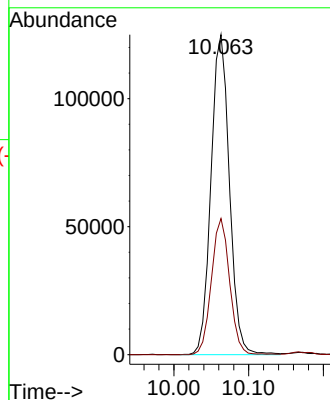
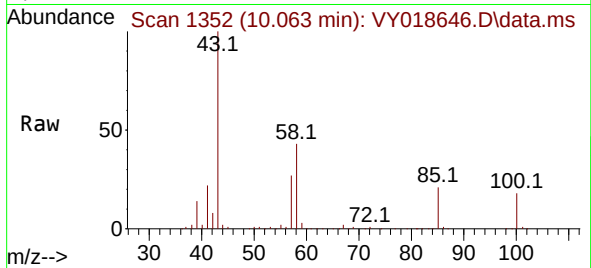




#51
4-Methyl-2-Pentanone
Concen: 258.502 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

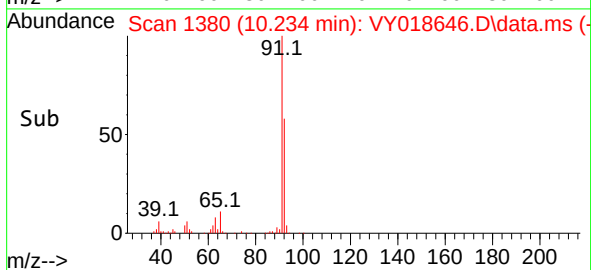
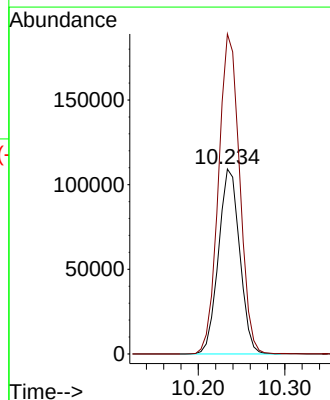
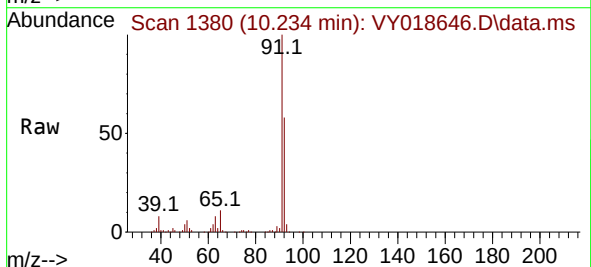
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

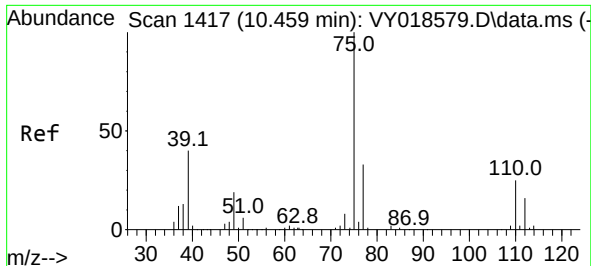
Tgt Ion: 43 Resp: 214918
Ion Ratio Lower Upper
43 100
58 42.2 35.7 53.5



#52
Toluene
Concen: 52.165 ug/l
RT: 10.234 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 92 Resp: 185812
Ion Ratio Lower Upper
92 100
91 172.8 139.0 208.6

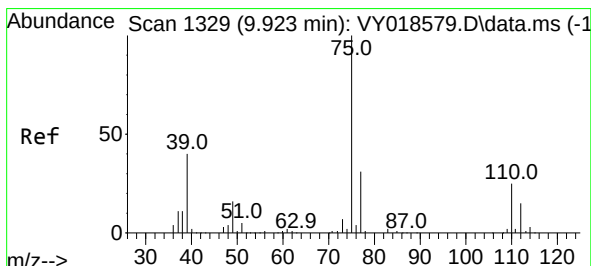
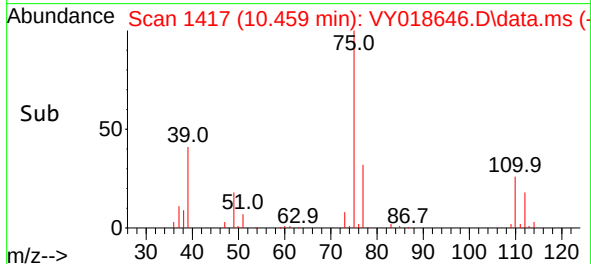
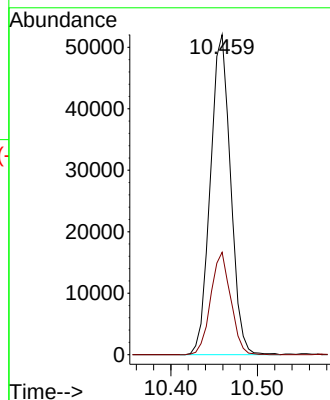
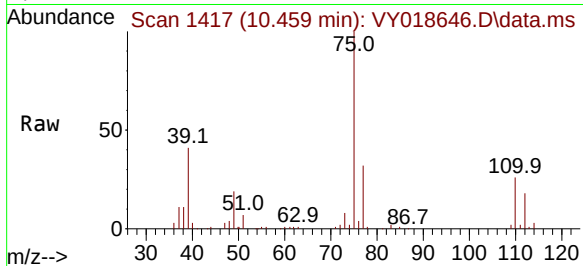




#53
 t-1,3-Dichloropropene
 Concen: 51.353 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY018646.D
 Acq: 19 Jun 2024 16:28

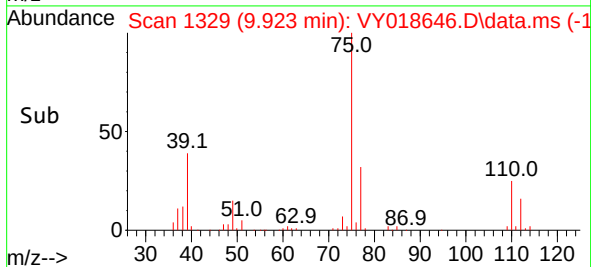
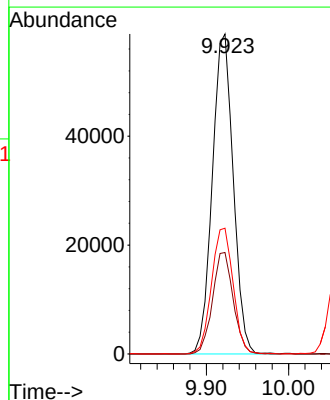
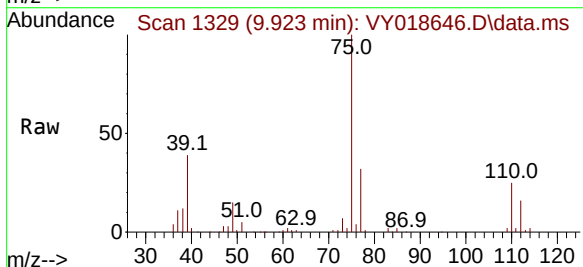
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

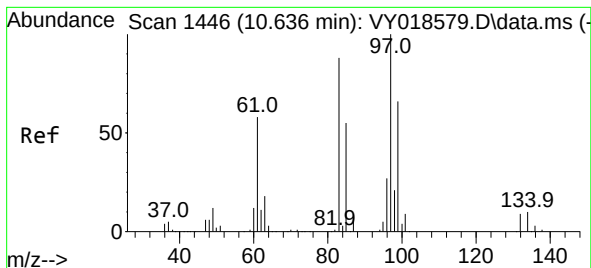
Tgt Ion: 75 Resp: 84311
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 52.446 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY018646.D
 Acq: 19 Jun 2024 16:28

Tgt Ion: 75 Resp: 103909
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 39.3 29.8 44.6

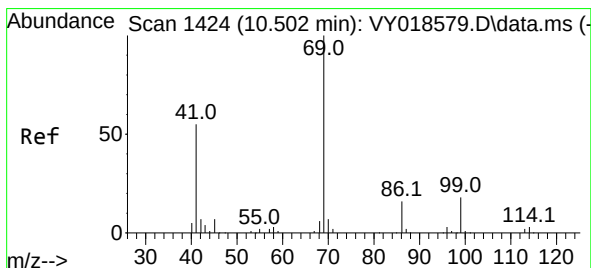
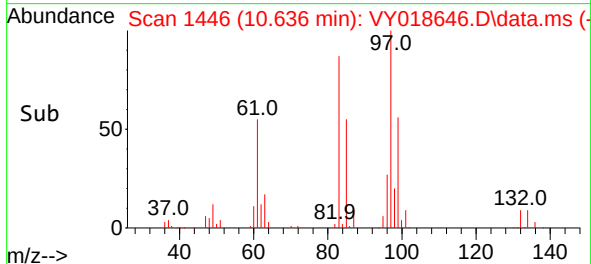
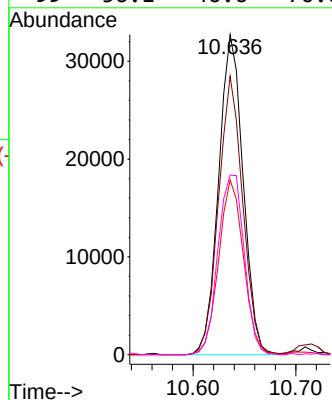
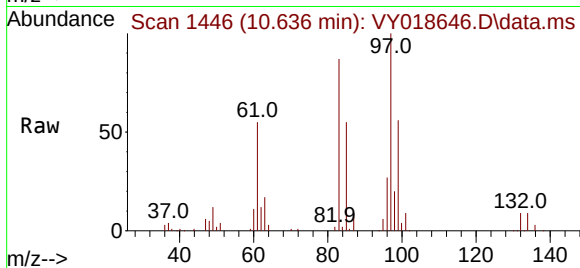




#55
1,1,2-Trichloroethane
Concen: 51.672 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

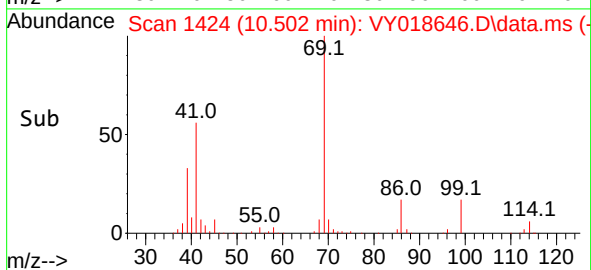
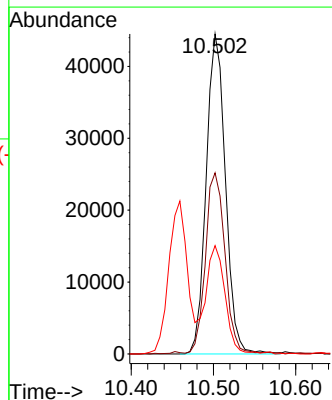
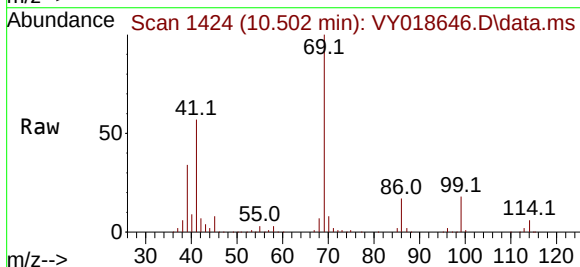
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

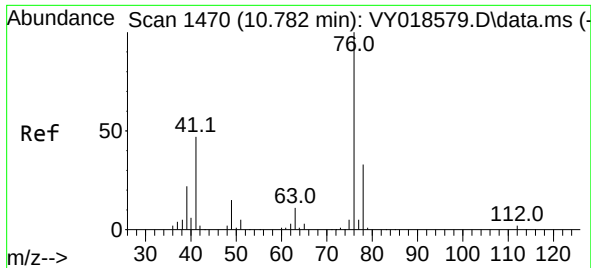
Tgt Ion:	97	Resp:	54099
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.5	101.3
85	54.6	42.9	64.3
99	56.1	46.6	70.0



#56
Ethyl methacrylate
Concen: 52.799 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion:	69	Resp:	72336
Ion	Ratio	Lower	Upper
69	100		
41	56.7	42.3	63.5
39	33.8	22.9	34.3

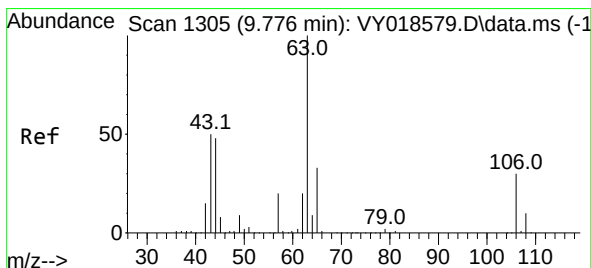
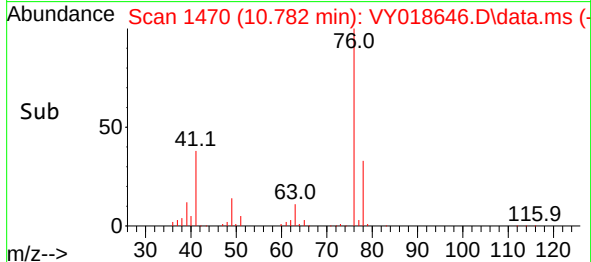
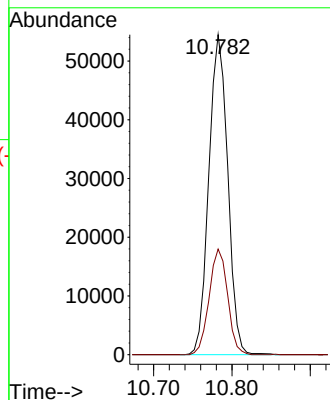
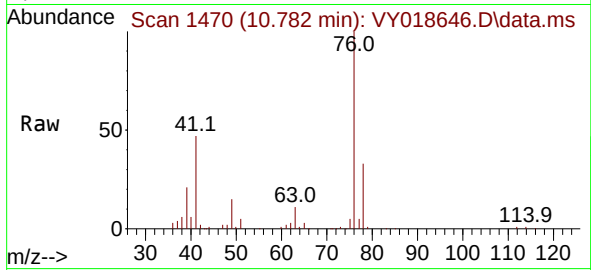




#57
1,3-Dichloropropane
Concen: 52.440 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

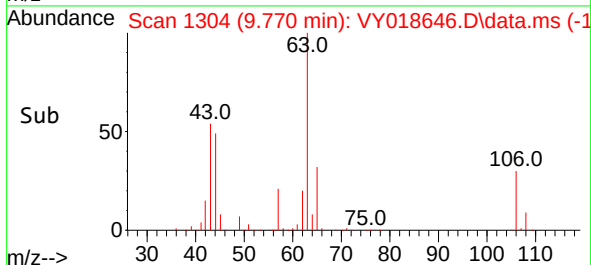
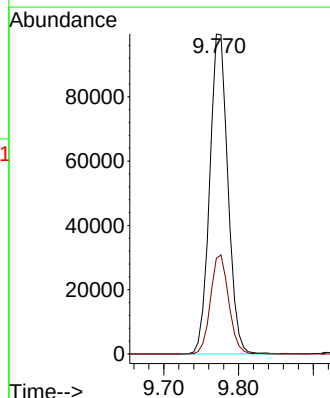
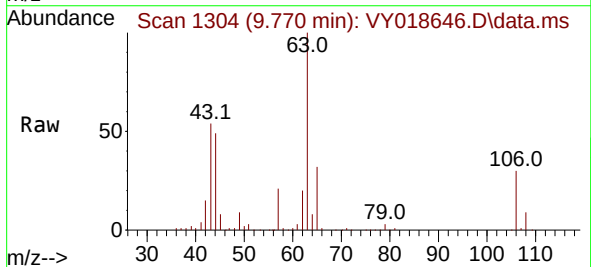
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

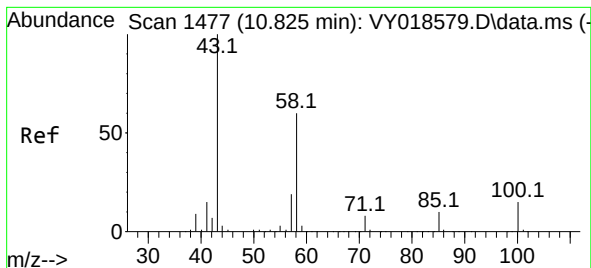
Tgt Ion: 76 Resp: 91202
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 255.055 ug/l
RT: 9.770 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 63 Resp: 168691
Ion Ratio Lower Upper
63 100
106 30.9 23.7 35.5

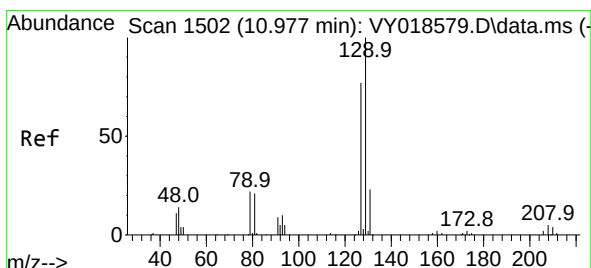
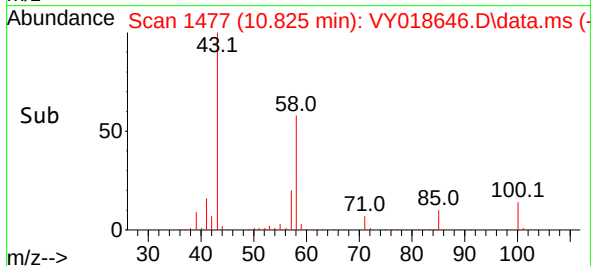
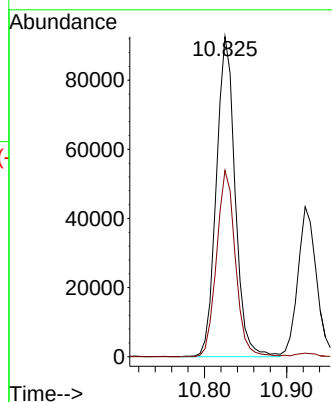
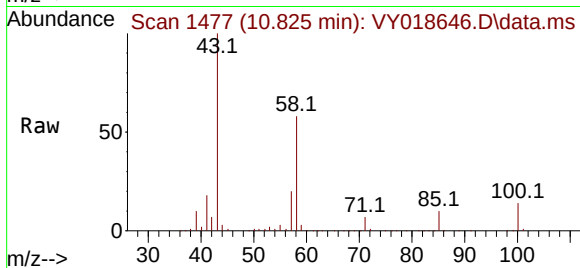




#59
2-Hexanone
Concen: 252.681 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

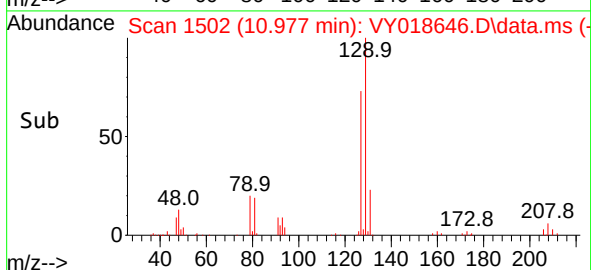
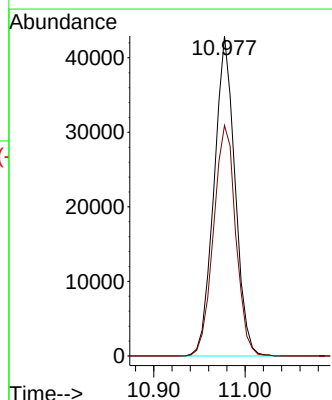
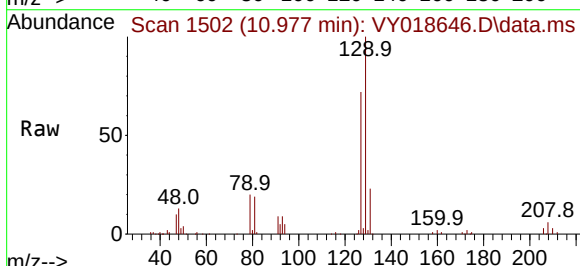
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

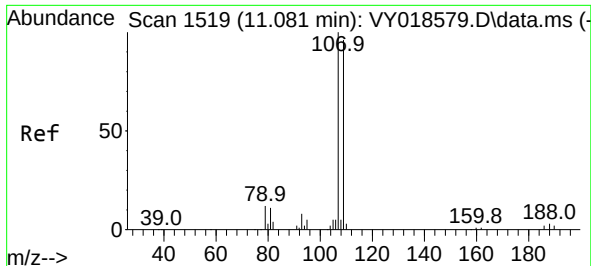
Tgt Ion: 43 Resp: 147153
Ion Ratio Lower Upper
43 100
58 58.3 31.4 94.0



#60
Dibromochloromethane
Concen: 52.528 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 129 Resp: 68317
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0

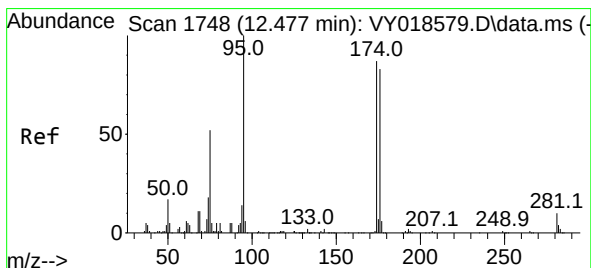
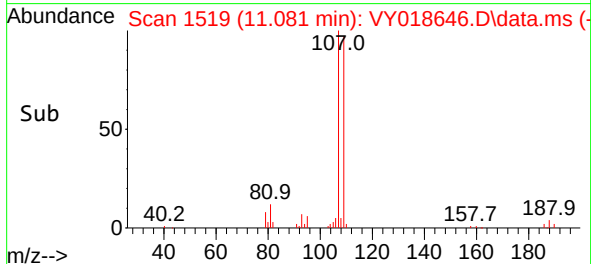
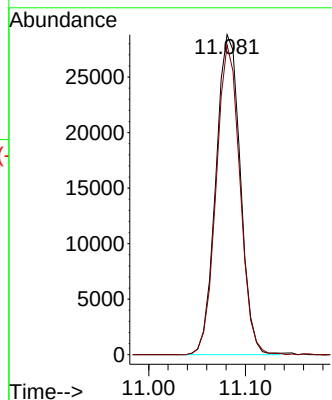
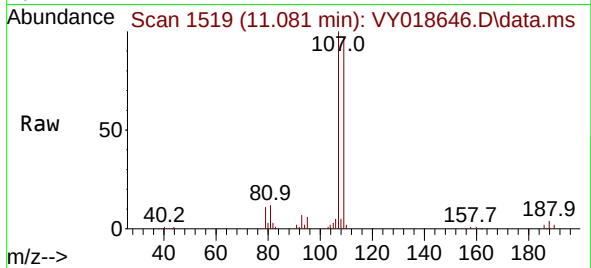




#61
1,2-Dibromoethane
Concen: 52.245 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

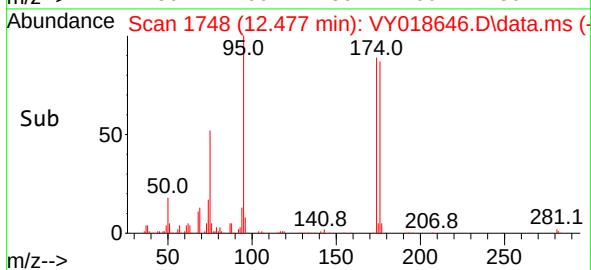
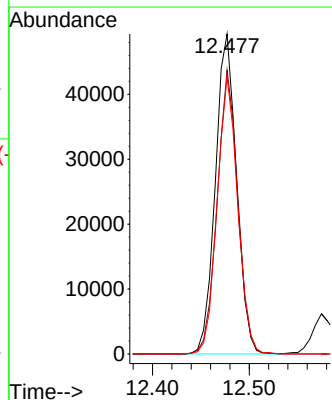
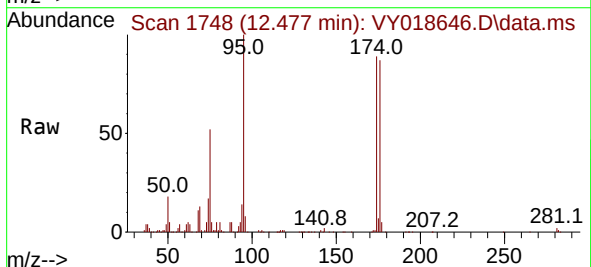
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

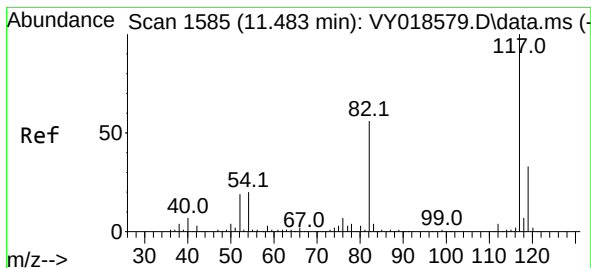
Tgt Ion:107 Resp: 50552
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.384 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 95 Resp: 74992
Ion Ratio Lower Upper
95 100
174 86.2 0.0 175.6
176 83.9 0.0 171.4

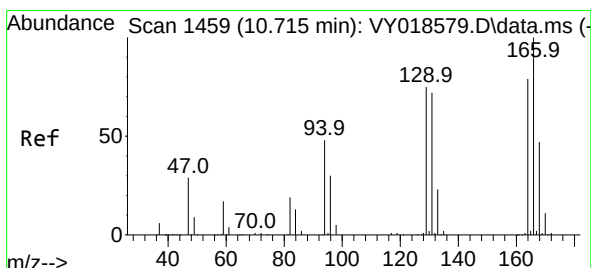
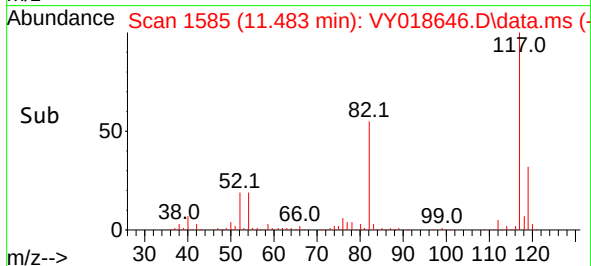
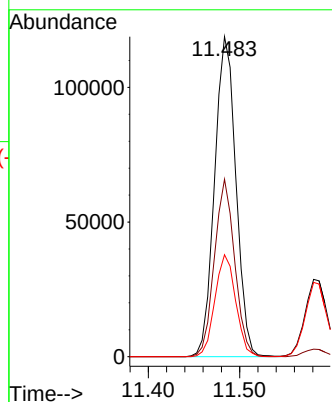
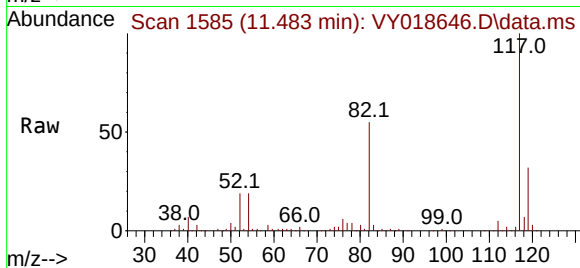




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

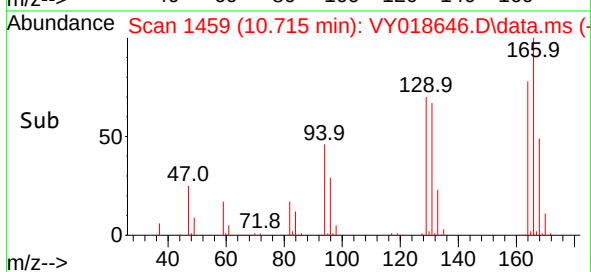
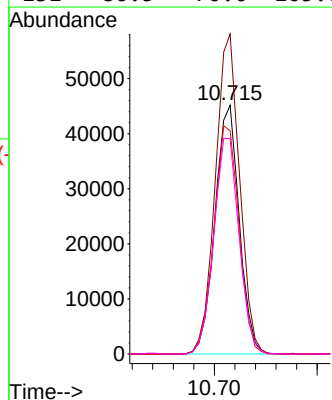
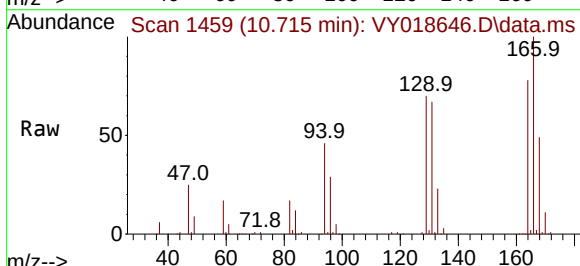
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

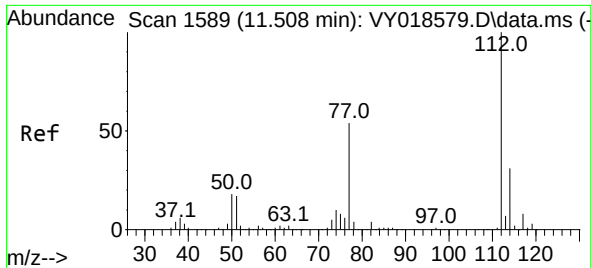
Tgt Ion:117 Resp: 192771
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 53.680 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion:164 Resp: 73806
Ion Ratio Lower Upper
164 100
166 128.6 102.6 154.0
129 89.7 72.0 108.0
131 86.5 70.0 105.0

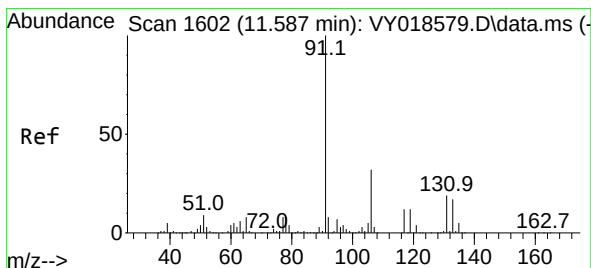
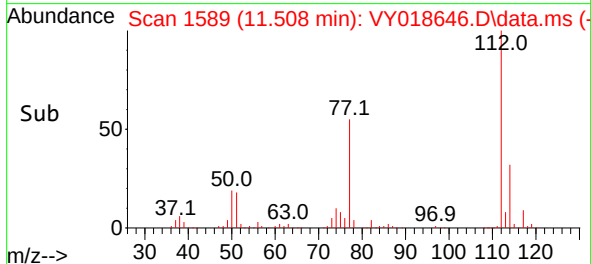
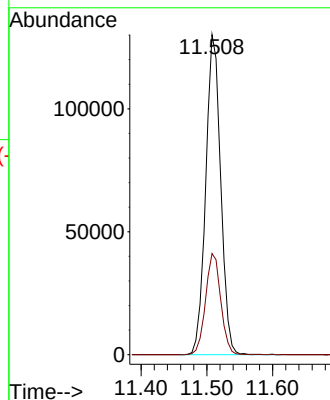
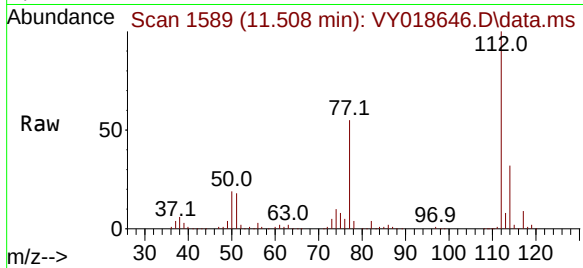




#65
Chlorobenzene
Concen: 51.622 ug/l
RT: 11.508 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

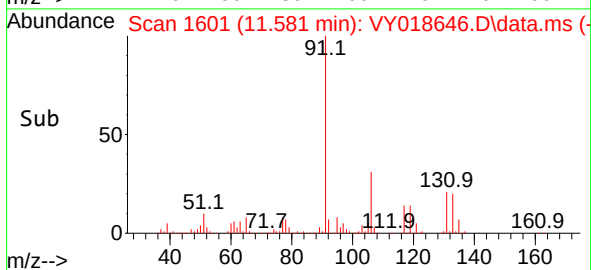
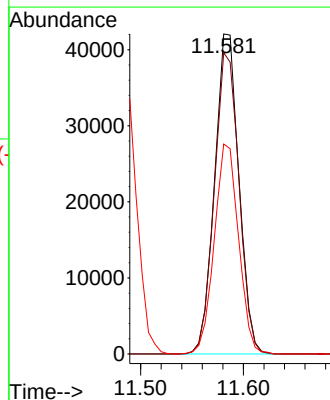
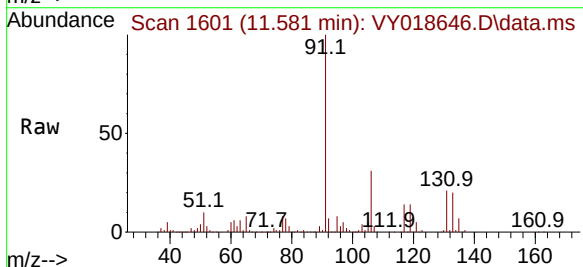
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

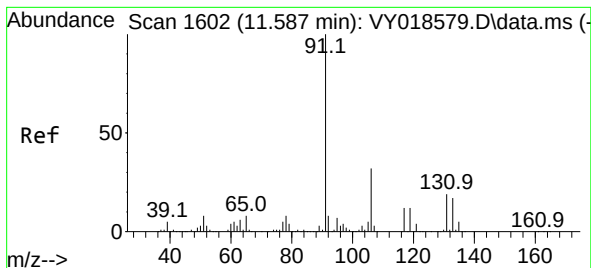
Tgt Ion:112 Resp: 205571
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.709 ug/l
RT: 11.581 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion:131 Resp: 69006
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 65.6 34.1 102.2





#67

Ethyl Benzene

Concen: 51.950 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

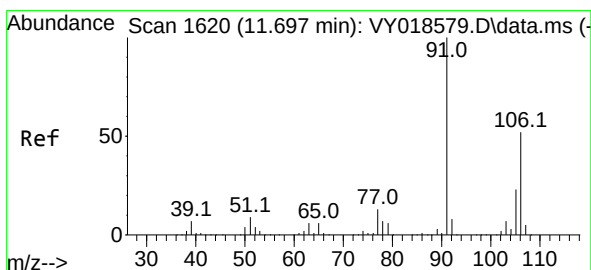
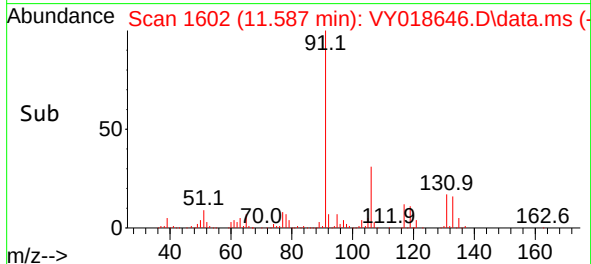
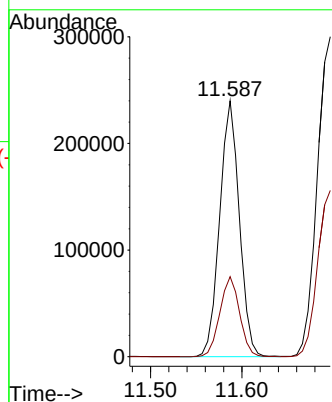
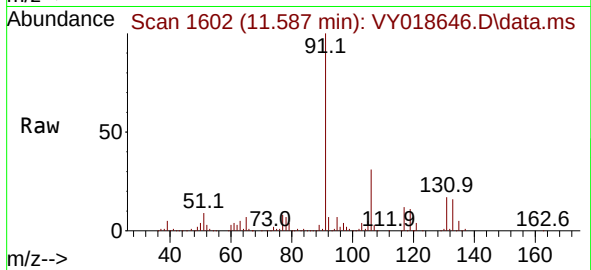
VSTDCCC050EC

Tgt Ion: 91 Resp: 358959

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 104.678 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY018646.D

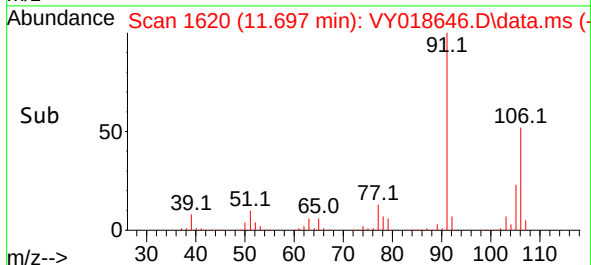
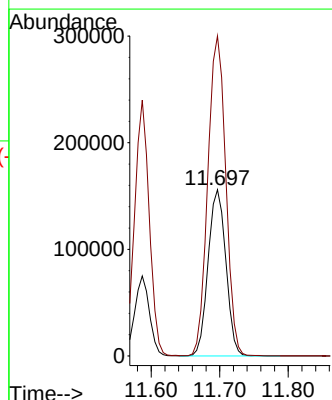
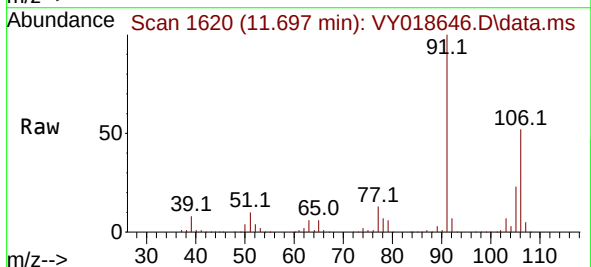
Acq: 19 Jun 2024 16:28

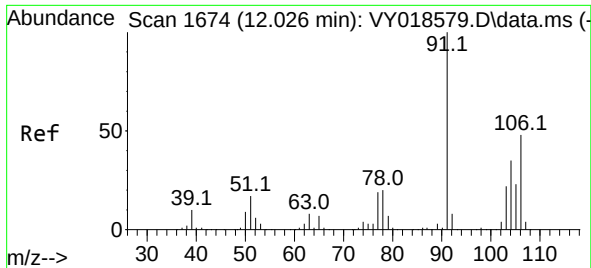
Tgt Ion:106 Resp: 281448

Ion Ratio Lower Upper

106 100

91 194.5 156.0 234.0

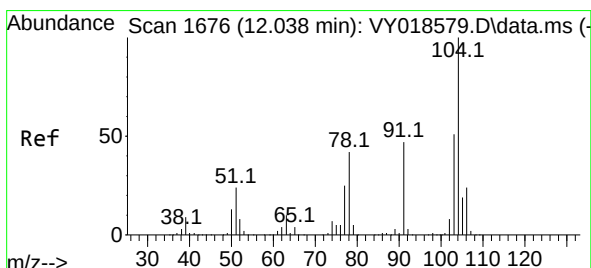
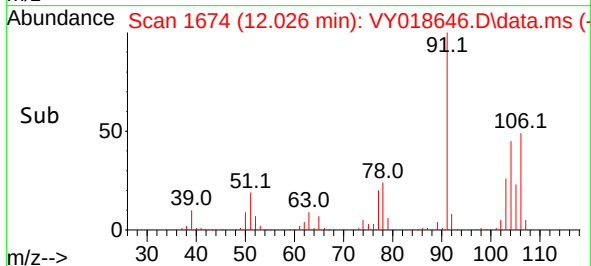
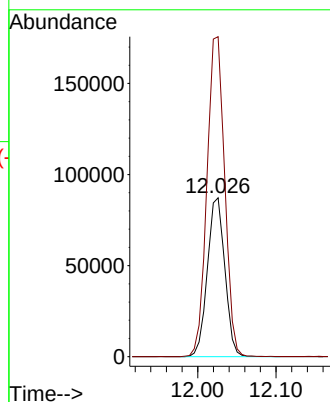
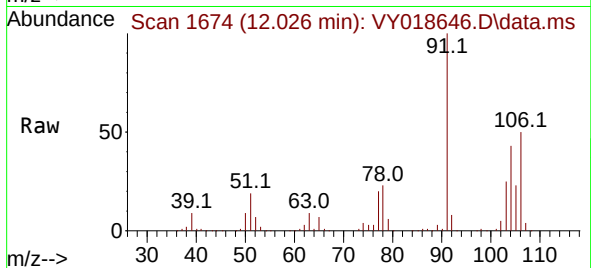




#69
o-Xylene
Concen: 52.147 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

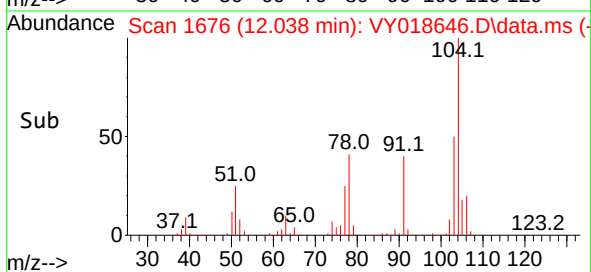
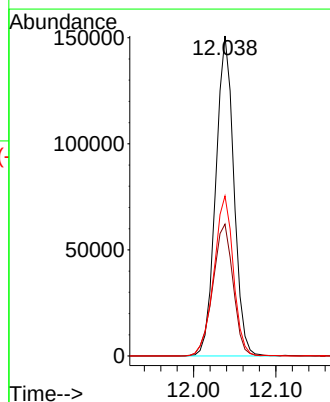
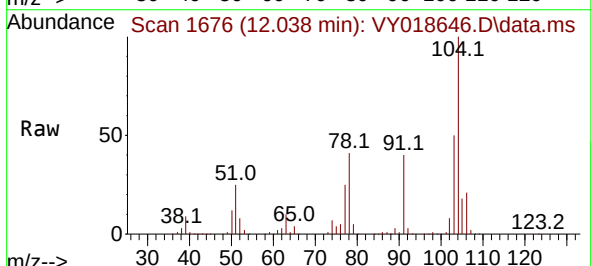
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

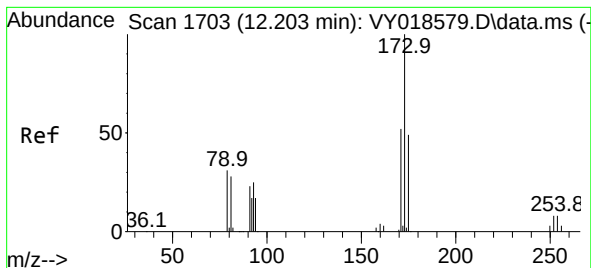
Tgt Ion:106 Resp: 134827
Ion Ratio Lower Upper
106 100
91 204.7 103.6 310.8



#70
Styrene
Concen: 54.111 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion:104 Resp: 231129
Ion Ratio Lower Upper
104 100
78 46.1 37.0 55.4
103 53.7 44.2 66.2





#71

Bromoform

Concen: 52.494 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

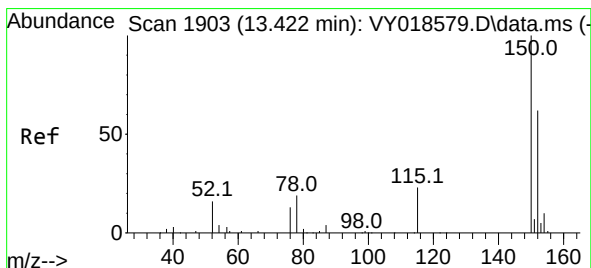
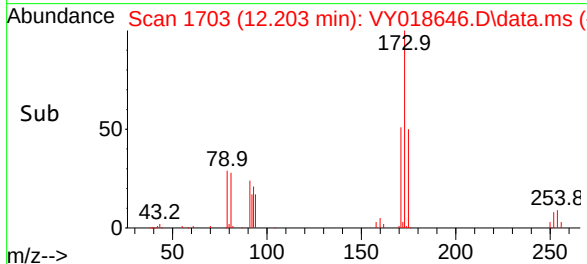
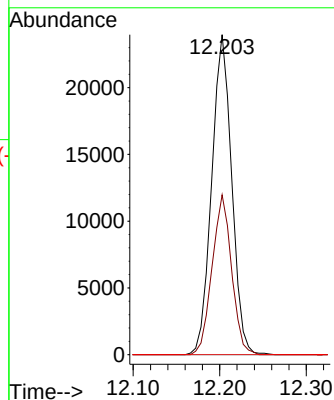
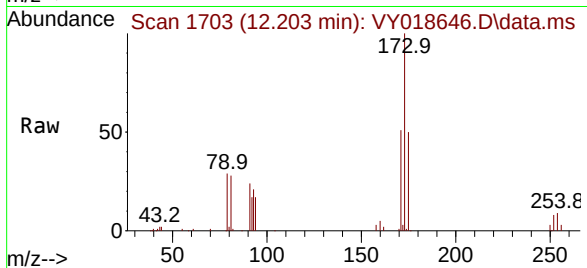
Tgt Ion:173 Resp: 38439

Ion Ratio Lower Upper

173 100

175 48.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

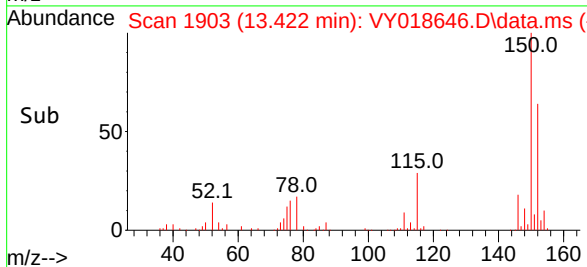
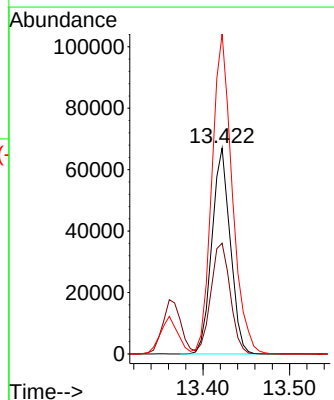
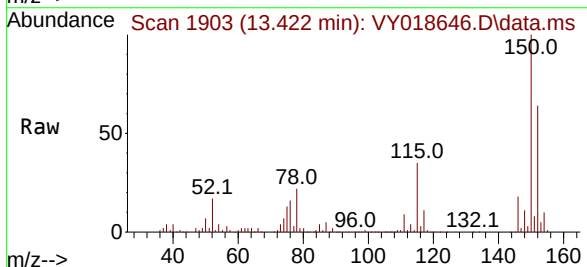
Tgt Ion:152 Resp: 98752

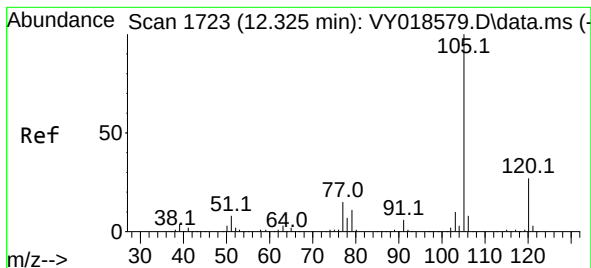
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 171.6 0.0 345.6





#73

Isopropylbenzene

Concen: 48.016 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

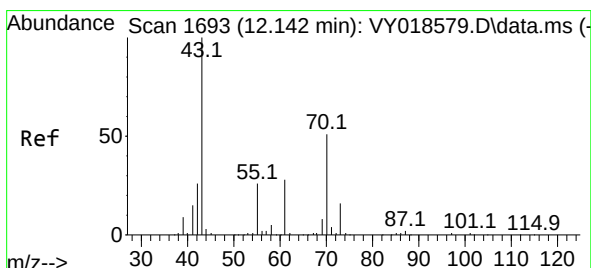
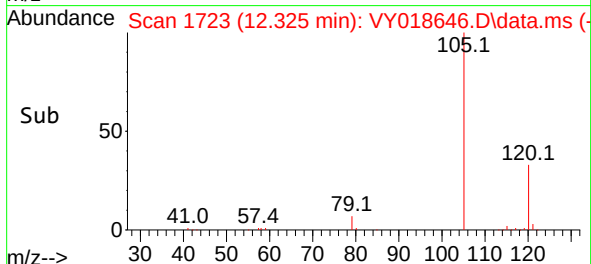
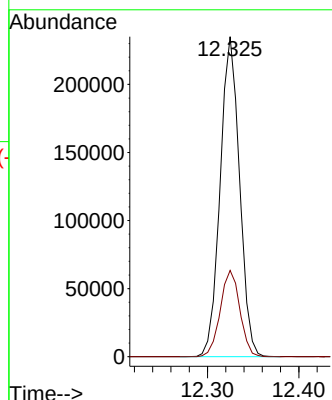
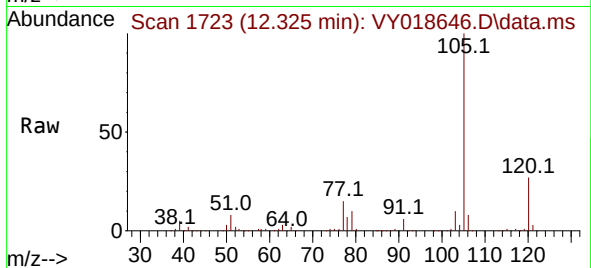
VSTDCCC050EC

Tgt Ion:105 Resp: 346251

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 50.205 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Tgt Ion: 43 Resp: 74135

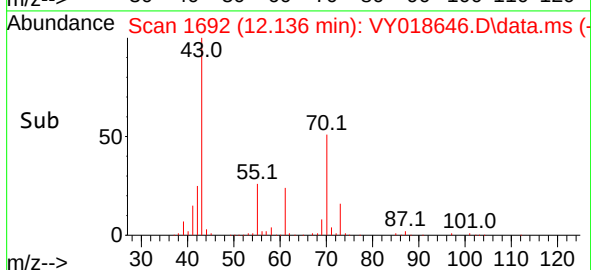
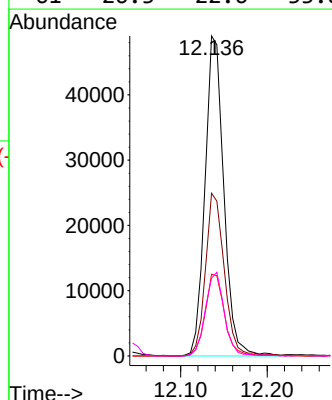
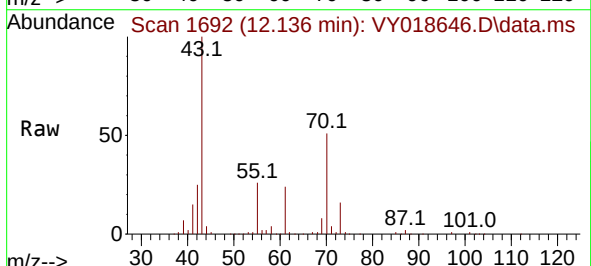
Ion Ratio Lower Upper

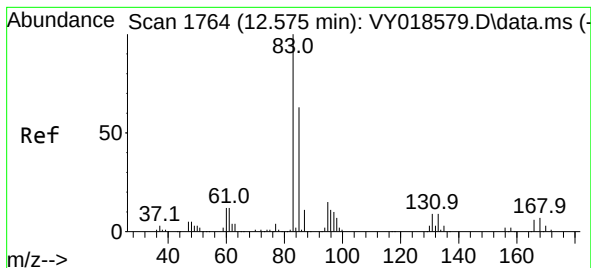
43 100

70 51.0 41.4 62.2

55 26.3 23.3 34.9

61 26.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.718 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

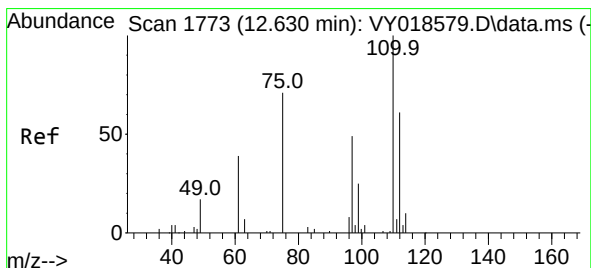
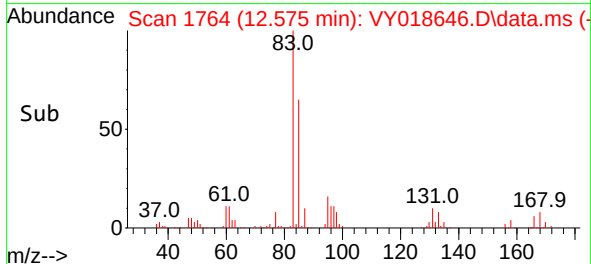
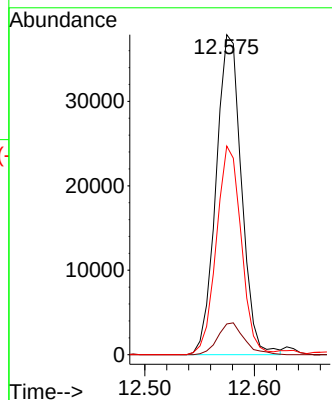
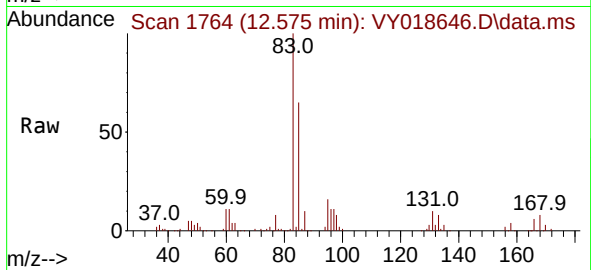
Tgt Ion: 83 Resp: 61099

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 48.614 ug/l m

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY018646.D

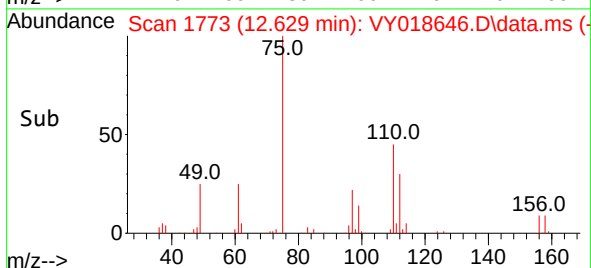
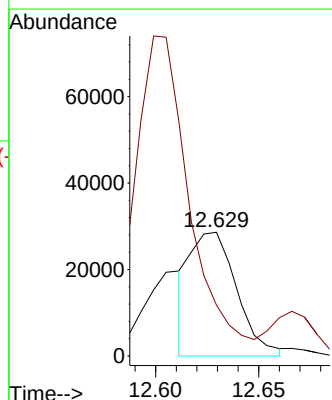
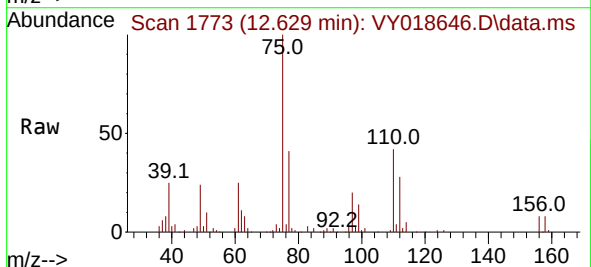
Acq: 19 Jun 2024 16:28

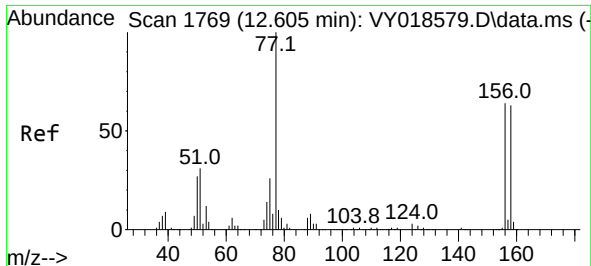
Tgt Ion: 75 Resp: 45033

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

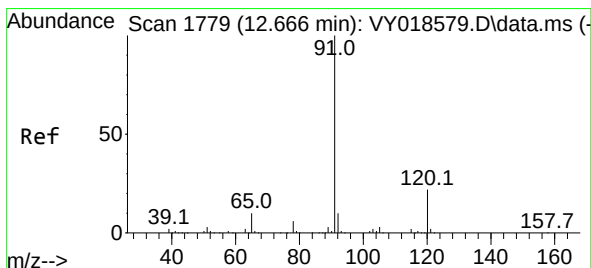
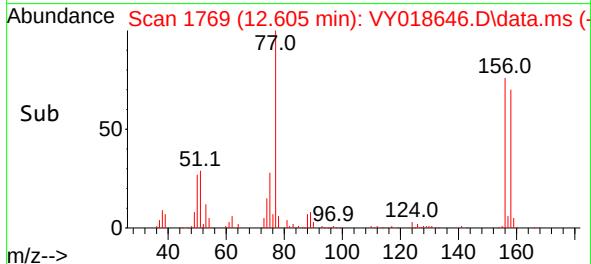
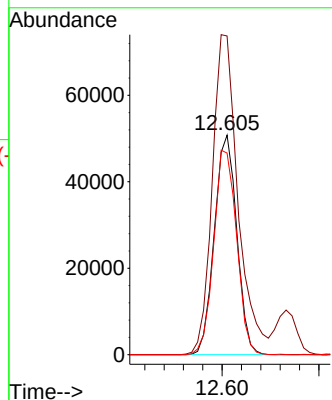
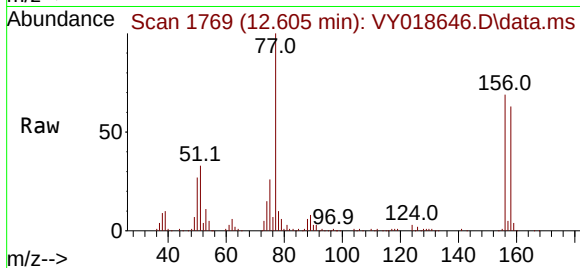




#77
Bromobenzene
Concen: 49.064 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

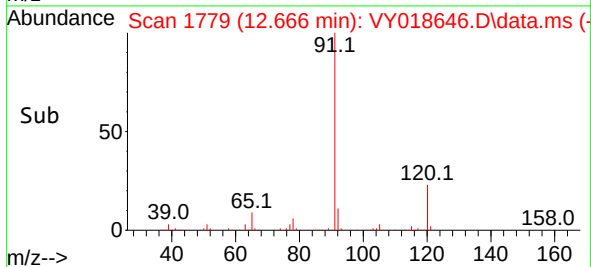
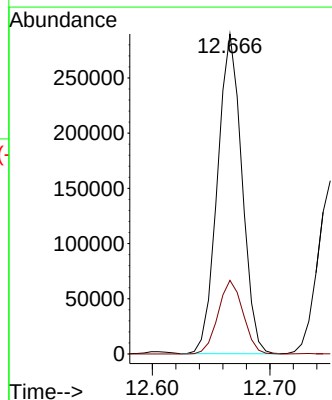
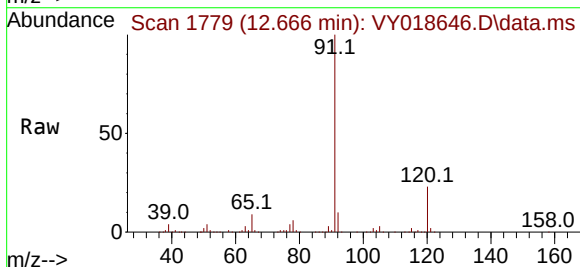
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

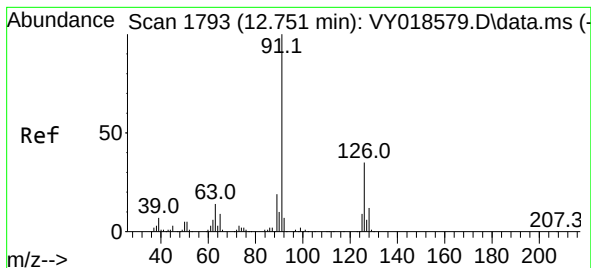
Tgt Ion:156 Resp: 81822
Ion Ratio Lower Upper
156 100
77 167.6 87.1 261.3
158 95.1 48.6 145.9



#78
n-propylbenzene
Concen: 49.667 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 91 Resp: 419149
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.143 ug/l

RT: 12.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

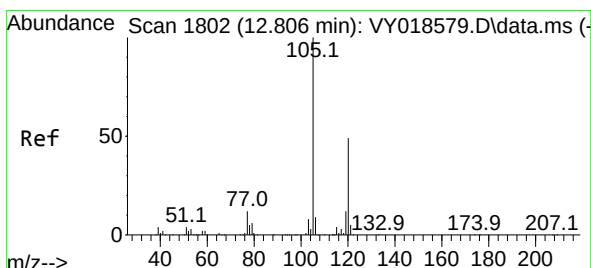
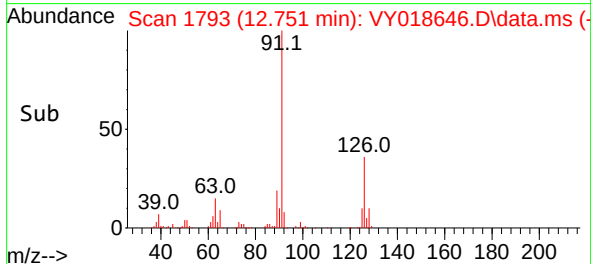
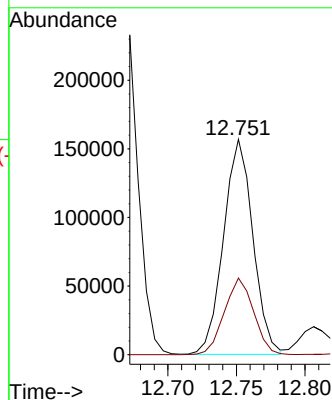
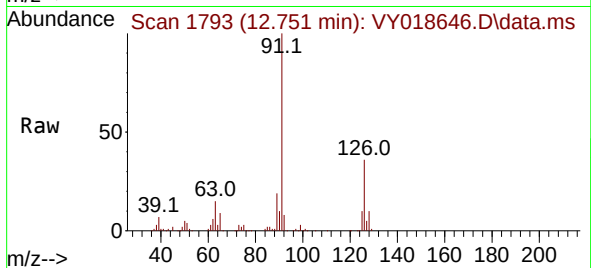
VSTDCCC050EC

Tgt Ion: 91 Resp: 234107

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 49.776 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.000 min

Lab File: VY018646.D

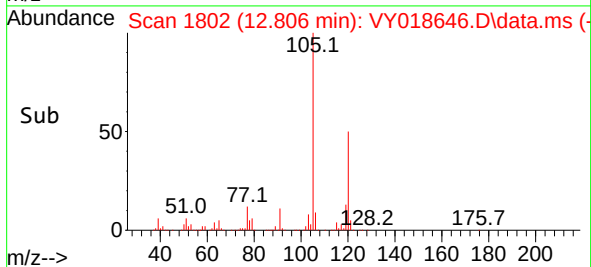
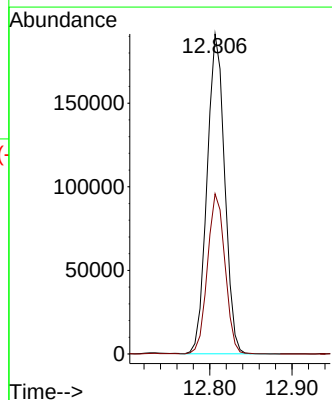
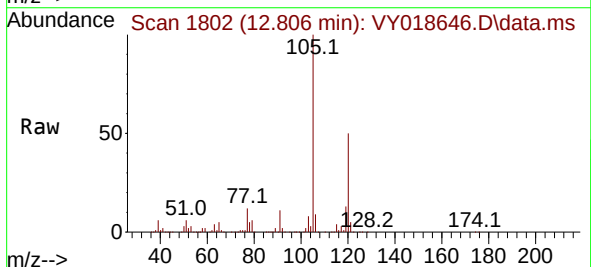
Acq: 19 Jun 2024 16:28

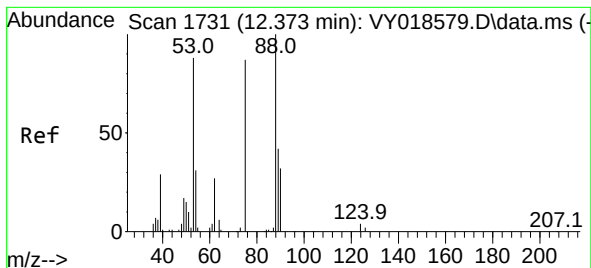
Tgt Ion: 105 Resp: 284480

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.2

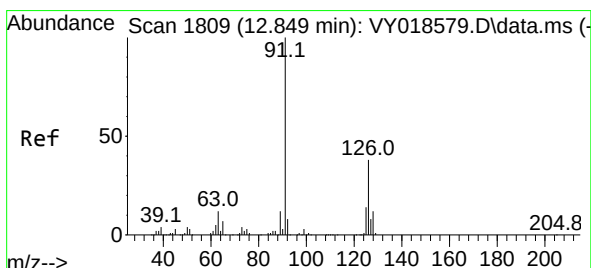
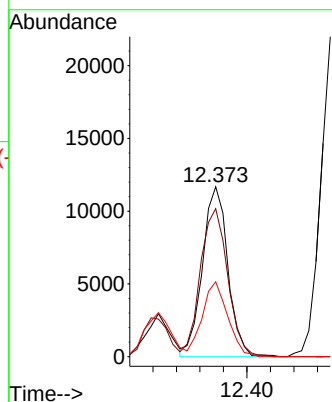
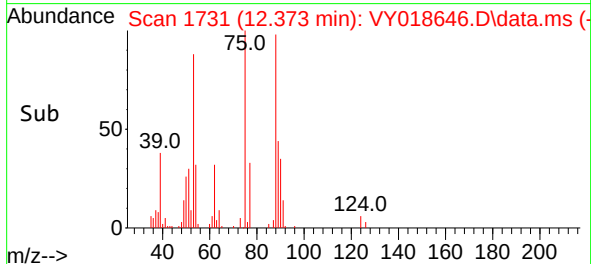
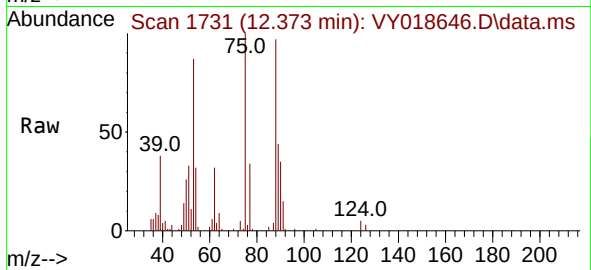




#81
trans-1,4-Dichloro-2-butene
Concen: 49.583 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

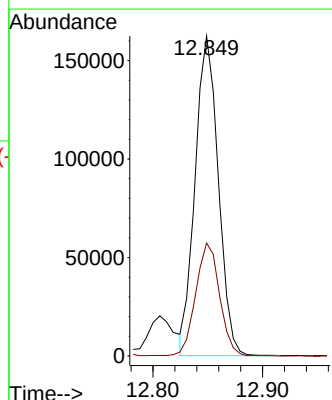
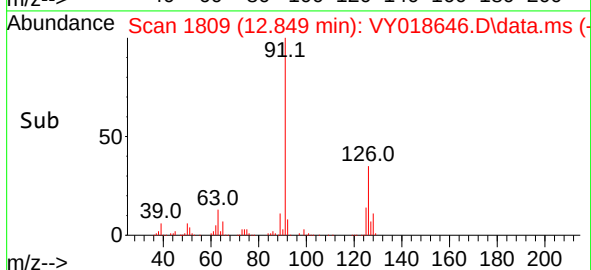
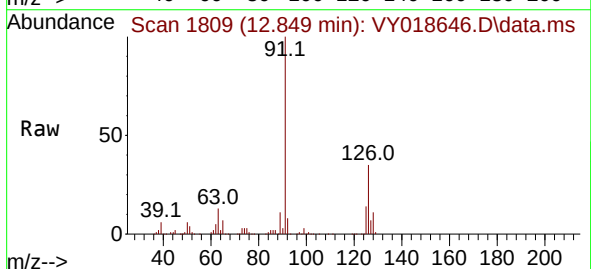
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

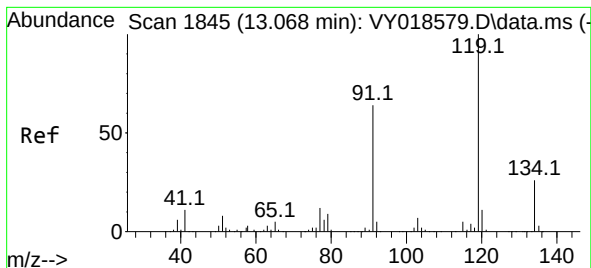
Tgt Ion: 75 Resp: 17535
Ion Ratio Lower Upper
75 100
53 94.0 66.8 100.2
89 43.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.745 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 91 Resp: 238634
Ion Ratio Lower Upper
91 100
126 36.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 48.034 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

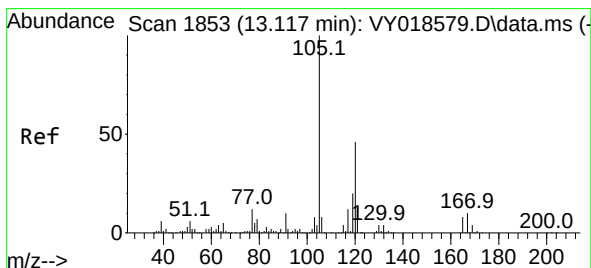
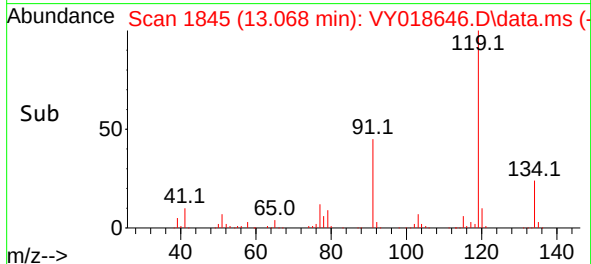
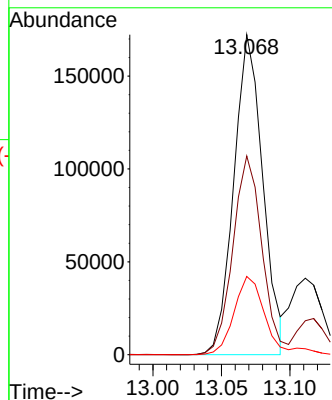
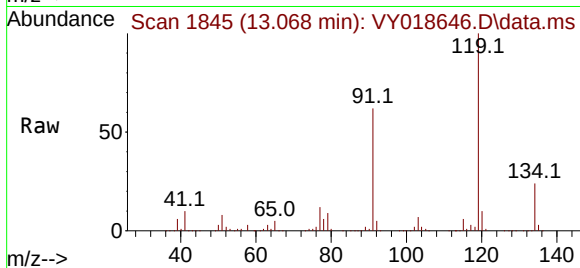
Tgt Ion:119 Resp: 254076

Ion Ratio Lower Upper

119 100

91 62.5 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.495 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018646.D

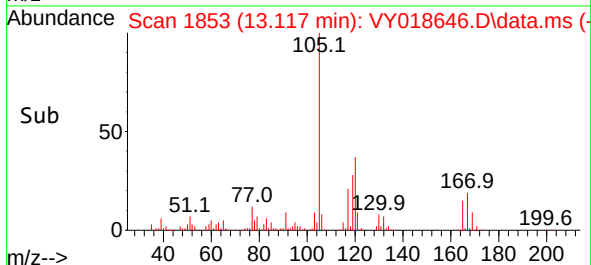
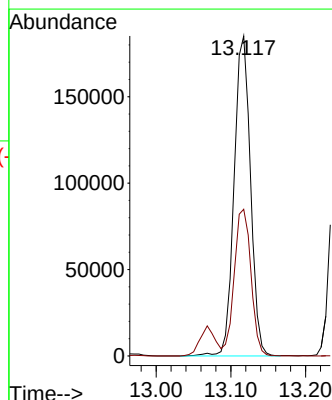
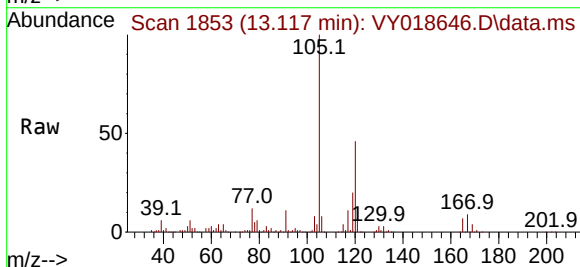
Acq: 19 Jun 2024 16:28

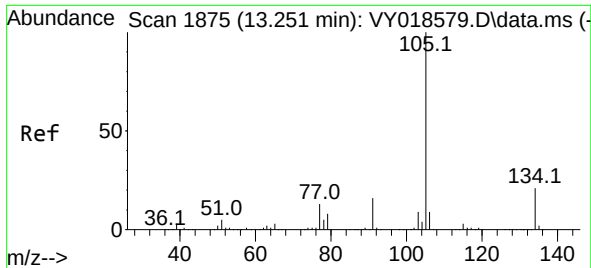
Tgt Ion:105 Resp: 282731

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6

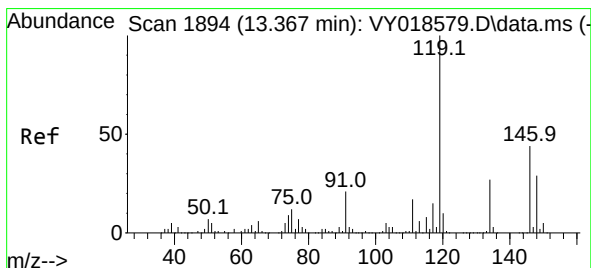
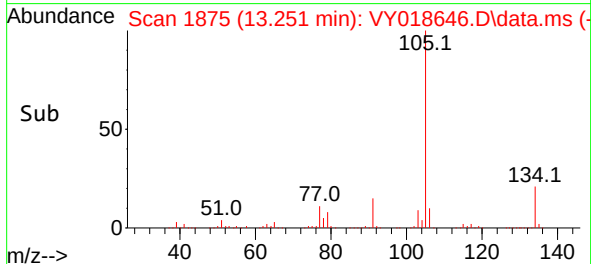
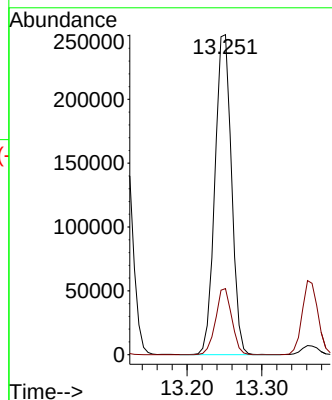
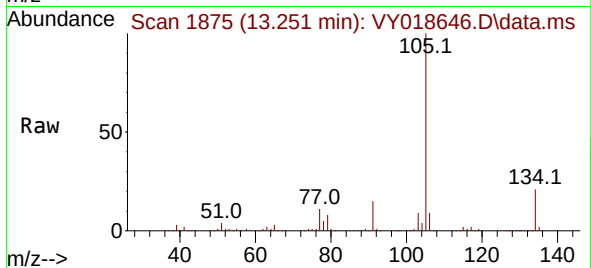




#85
sec-Butylbenzene
Concen: 51.091 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

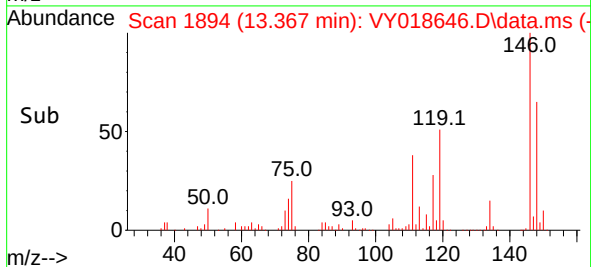
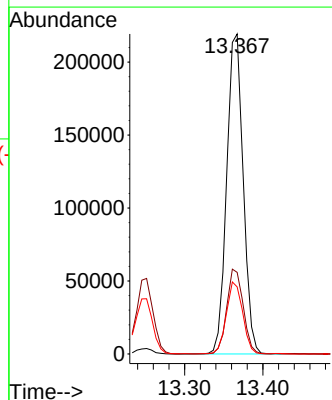
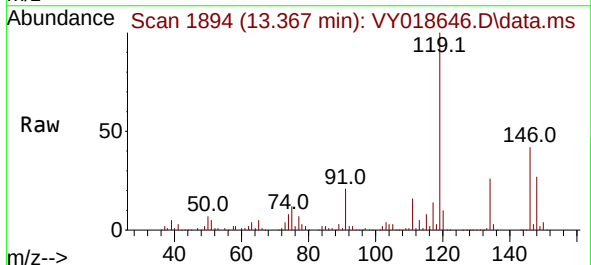
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

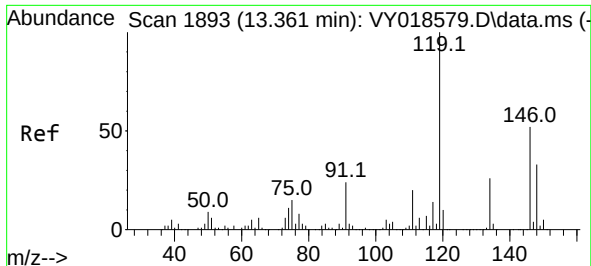
Tgt Ion:105 Resp: 385432
Ion Ratio Lower Upper
105 100
134 20.2 10.1 30.1



#86
p-Isopropyltoluene
Concen: 50.229 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion:119 Resp: 321255
Ion Ratio Lower Upper
119 100
134 26.4 13.1 39.3
91 22.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.297 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

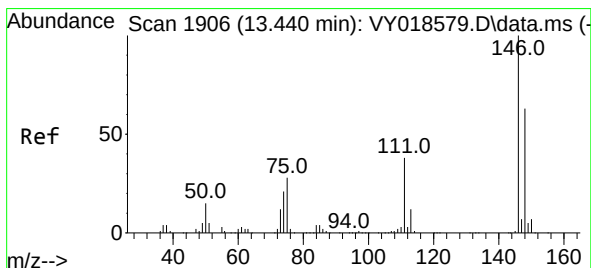
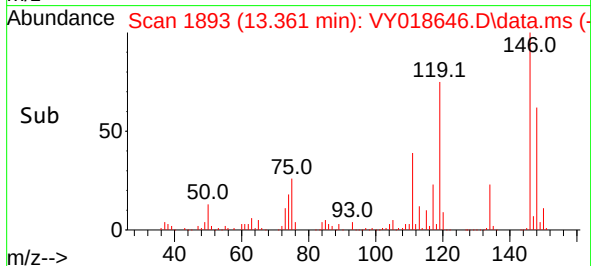
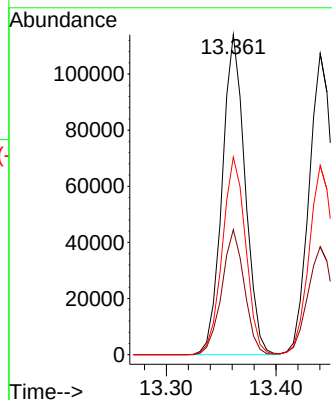
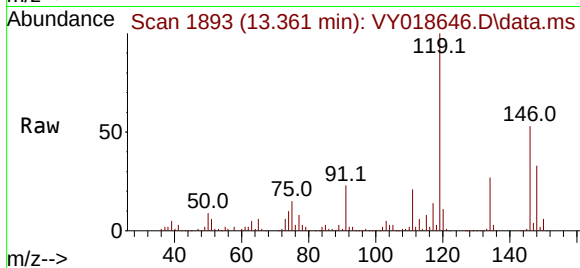
Tgt Ion:146 Resp: 165819

Ion Ratio Lower Upper

146 100

111 38.4 19.0 57.0

148 62.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.743 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

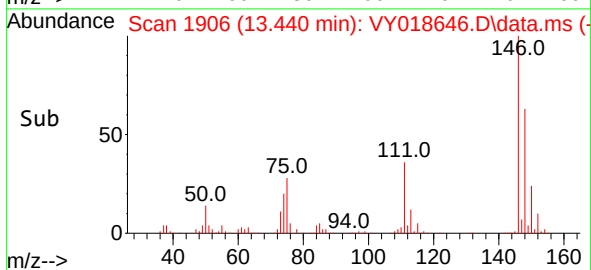
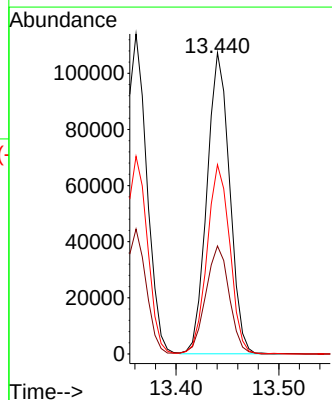
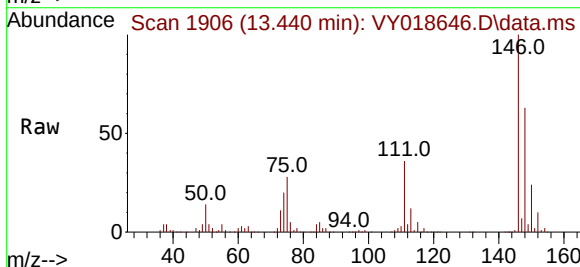
Tgt Ion:146 Resp: 164190

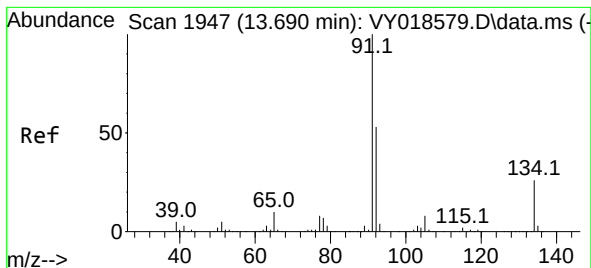
Ion Ratio Lower Upper

146 100

111 37.3 18.4 55.4

148 63.0 32.4 97.2





#89

n-Butylbenzene

Concen: 51.230 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

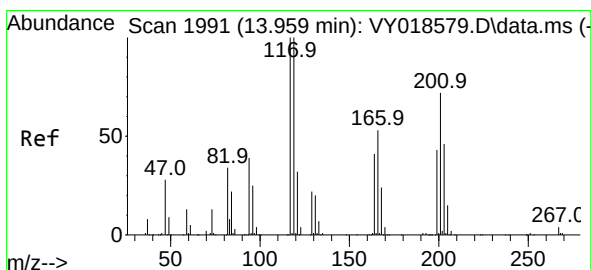
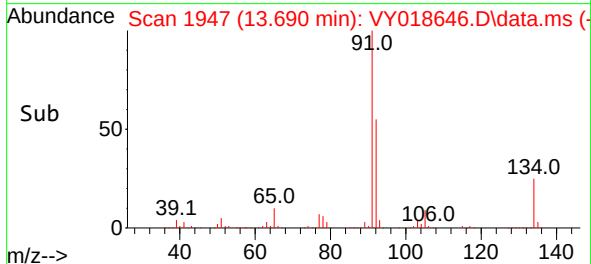
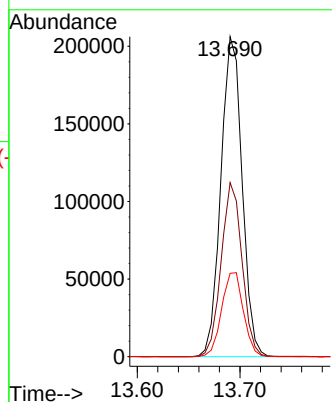
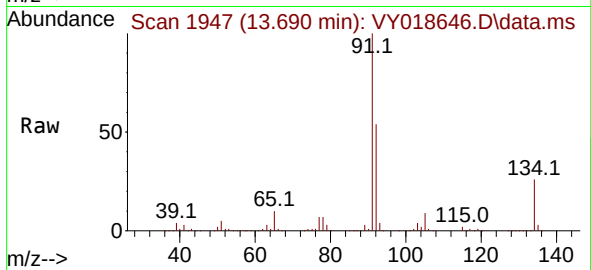
Tgt Ion: 91 Resp: 295326

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 27.0 12.9 38.7



#90

Hexachloroethane

Concen: 51.935 ug/l

RT: 13.952 min Scan# 1990

Delta R.T. -0.006 min

Lab File: VY018646.D

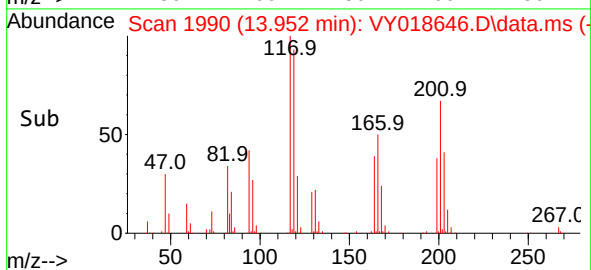
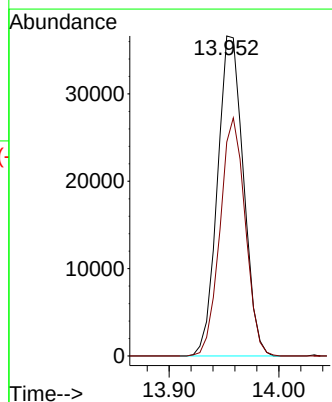
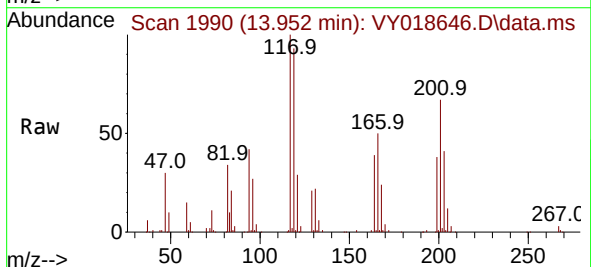
Acq: 19 Jun 2024 16:28

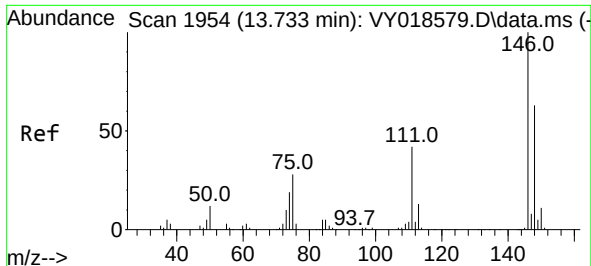
Tgt Ion: 117 Resp: 60341

Ion Ratio Lower Upper

117 100

201 72.2 37.4 112.2

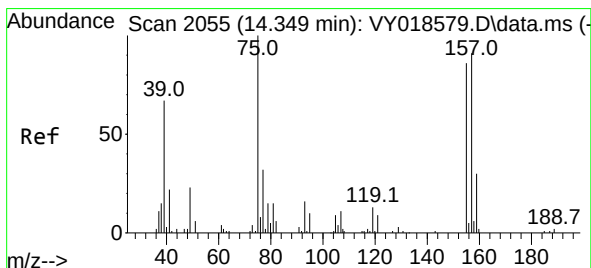
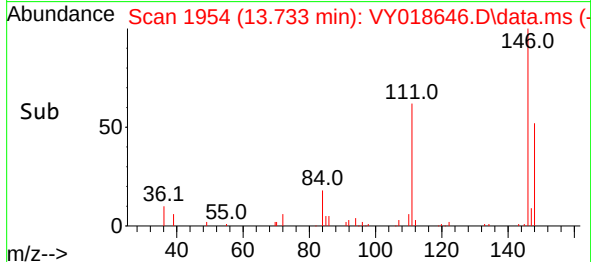
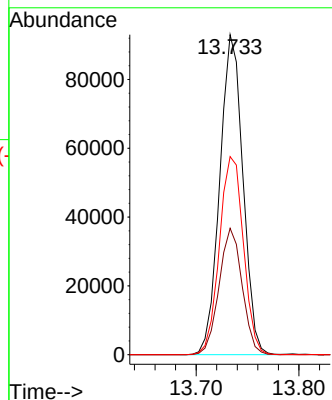
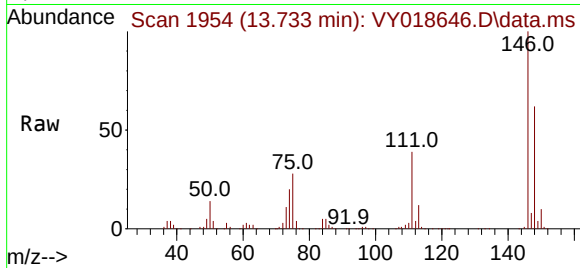




#91
1,2-Dichlorobenzene
Concen: 50.659 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

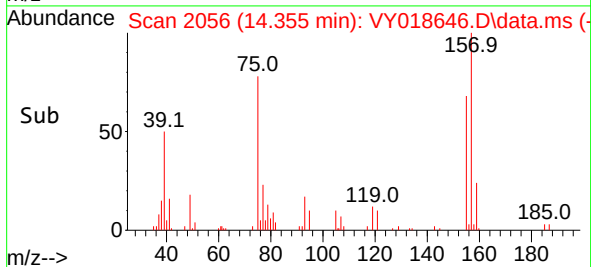
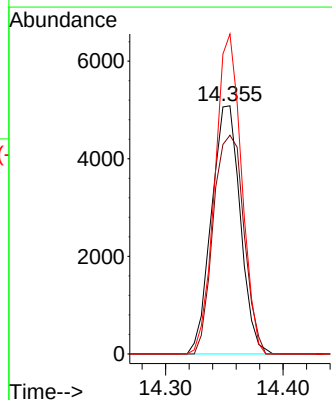
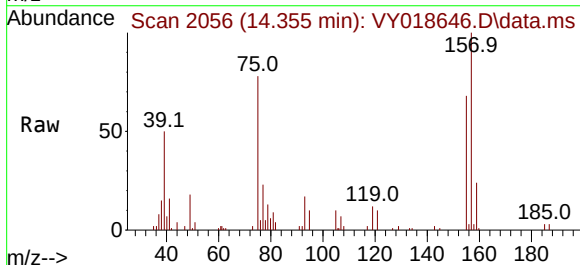
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

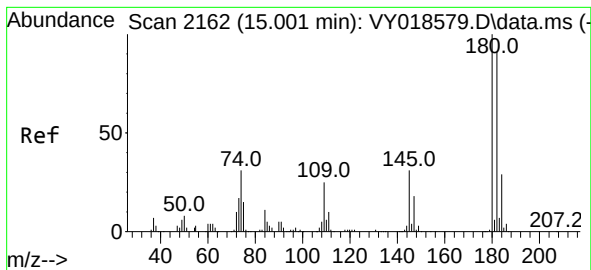
Tgt Ion:146 Resp: 145564
Ion Ratio Lower Upper
146 100
111 39.2 19.9 59.7
148 64.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.719 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VY018646.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 75 Resp: 8662
Ion Ratio Lower Upper
75 100
155 93.6 48.6 145.8
157 118.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.018 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

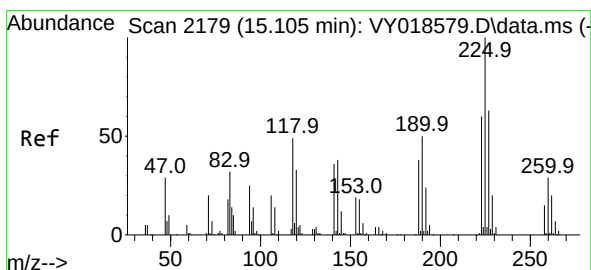
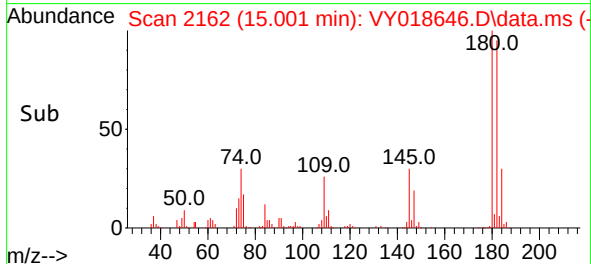
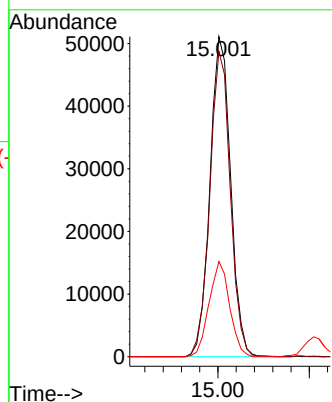
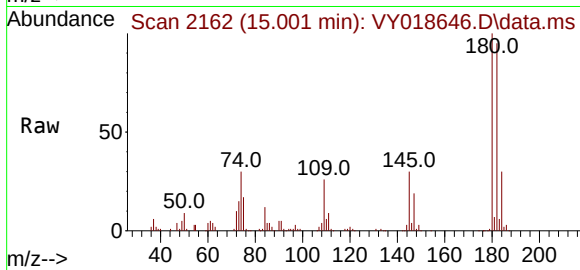
Tgt Ion:180 Resp: 80071

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.456 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

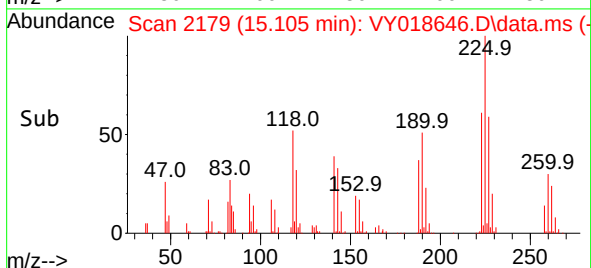
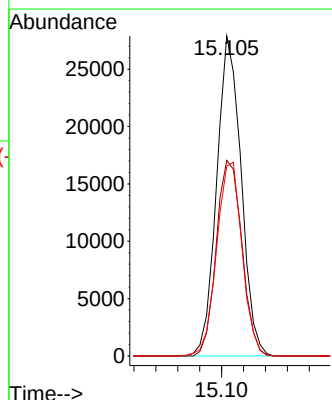
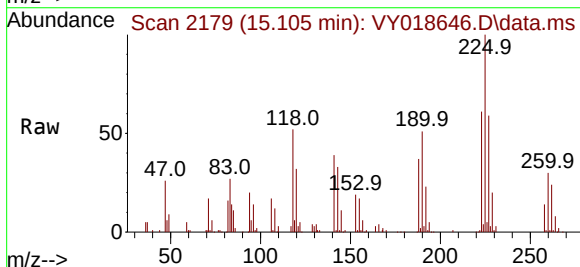
Tgt Ion:225 Resp: 43147

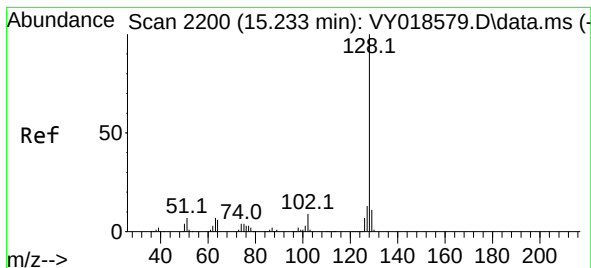
Ion Ratio Lower Upper

225 100

223 64.1 30.4 91.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 50.957 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

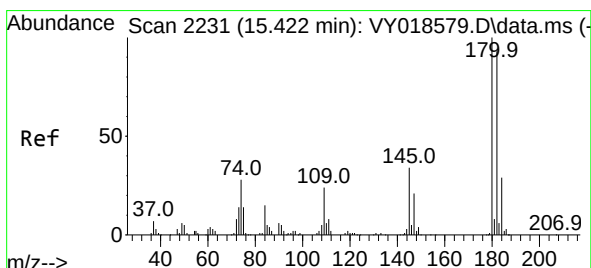
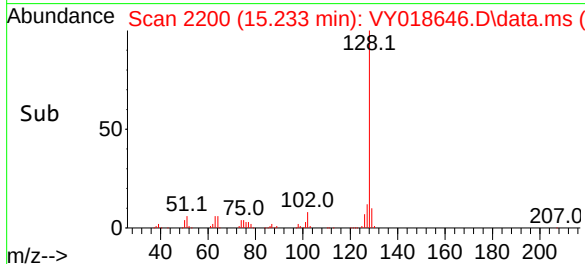
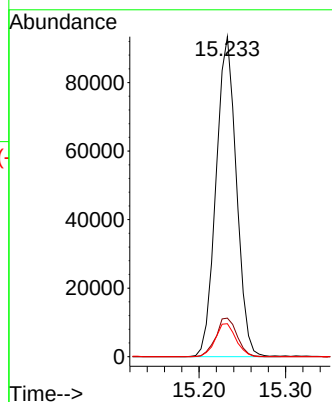
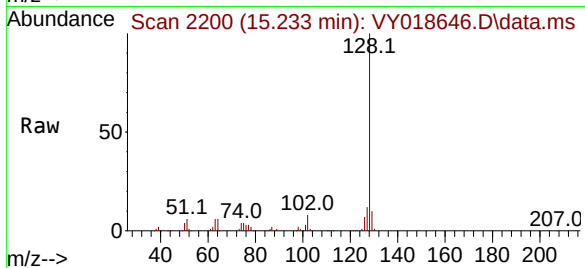
Tgt Ion:128 Resp: 152442

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.547 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018646.D

Acq: 19 Jun 2024 16:28

Tgt Ion:180 Resp: 68370

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 32.4 15.4 46.1

