

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018873.D
 Acq On : 19 Jul 2024 10:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 19 23:00:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	108216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51982	48.815	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.640%
35) Dibromofluoromethane	7.716	113	51443	49.084	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.179	98	184869	46.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.483	95	63236	46.634	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41001	45.216	ug/l	93
3) Chloromethane	2.107	50	58661	42.571	ug/l	97
4) Vinyl Chloride	2.247	62	72198	44.790	ug/l	100
5) Bromomethane	2.643	94	53376	48.139	ug/l	100
6) Chloroethane	2.790	64	49185	46.966	ug/l	99
7) Trichlorofluoromethane	3.113	101	96468	45.798	ug/l	91
8) Diethyl Ether	3.515	74	26831	52.262	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	50173	46.425	ug/l	94
10) Methyl Iodide	4.076	142	61125	52.523	ug/l	92
11) Tert butyl alcohol	4.936	59	19472	180.510	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	48164	46.068	ug/l	96
13) Acrolein	3.723	56	14364	166.201	ug/l	98
14) Allyl chloride	4.466	41	61551	47.521	ug/l	89
15) Acrylonitrile	5.149	53	53212	262.734	ug/l	99
16) Acetone	3.936	43	57972	295.292	ug/l	90
17) Carbon Disulfide	4.180	76	132066	45.112	ug/l	98
18) Methyl Acetate	4.466	43	27999	49.083	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	125261	51.647	ug/l	97
20) Methylene Chloride	4.704	84	54048	48.459	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	52637	47.702	ug/l	98
22) Diisopropyl ether	6.106	45	142060	50.421	ug/l	89
23) Vinyl Acetate	6.045	43	588619	265.181	ug/l	98
24) 1,1-Dichloroethane	6.003	63	87238	48.496	ug/l	98
25) 2-Butanone	6.972	43	74662	271.313	ug/l	99
26) 2,2-Dichloropropane	6.972	77	80763	48.387	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	63021	49.055	ug/l	99
28) Bromochloromethane	7.326	49	33447	46.293	ug/l	98
29) Tetrahydrofuran	7.338	42	44565	264.156	ug/l	93
30) Chloroform	7.502	83	100199	49.978	ug/l	99
31) Cyclohexane	7.777	56	70002	42.789	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	92247	49.481	ug/l	98
36) 1,1-Dichloropropene	7.911	75	68023	47.030	ug/l	100
37) Ethyl Acetate	7.063	43	31665	52.670	ug/l	99
38) Carbon Tetrachloride	7.893	117	84513	48.514	ug/l	99
39) Methylcyclohexane	9.179	83	87216	47.054	ug/l	96
40) Benzene	8.155	78	202943	48.368	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	25440	74.221	ug/l #	34
42) 1,2-Dichloroethane	8.228	62	59358	50.529	ug/l	97
43) Isopropyl Acetate	8.264	43	61234	51.187	ug/l	93
44) Trichloroethene	8.935	130	59664	49.747	ug/l	99
45) 1,2-Dichloropropane	9.209	63	45296	49.576	ug/l	97
46) Dibromomethane	9.301	93	31021	52.380	ug/l	96
47) Bromodichloromethane	9.490	83	77330	52.268	ug/l	99
48) Methyl methacrylate	9.289	41	28130	51.734	ug/l	88
49) 1,4-Dioxane	9.289	88	6597	950.261	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	167670	274.523	ug/l	92
52) Toluene	10.240	92	136006	48.770	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	66384	51.968	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	77147	51.479	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	39456	52.611	ug/l	94
56) Ethyl methacrylate	10.508	69	52547	53.220	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	64786	52.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	139089	294.859	ug/l	95
59) 2-Hexanone	10.831	43	119086	278.700	ug/l	91
60) Dibromochloromethane	10.983	129	55452	53.814	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38213	52.412	ug/l	99
64) Tetrachloroethene	10.715	164	56788	48.187	ug/l	97
65) Chlorobenzene	11.514	112	155134	50.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54747	51.736	ug/l	98
67) Ethyl Benzene	11.593	91	262389	48.767	ug/l	98
68) m/p-Xylenes	11.703	106	204806	97.001	ug/l	97
69) o-Xylene	12.026	106	98201	49.471	ug/l	99
70) Styrene	12.044	104	168195	50.782	ug/l	96
71) Bromoform	12.209	173	33320	57.767	ug/l #	96
73) Isopropylbenzene	12.331	105	253631	46.995	ug/l	98
74) N-amyl acetate	12.142	43	56606	51.287	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	41734	49.053	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	55188	95.553	ug/l #	100
77) Bromobenzene	12.611	156	62362	48.402	ug/l	95
78) n-propylbenzene	12.672	91	298496	46.575	ug/l	98
79) 2-Chlorotoluene	12.758	91	167558	46.496	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	206350	46.729	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13311	51.580	ug/l	87
82) 4-Chlorotoluene	12.855	91	175843	47.387	ug/l	97
83) tert-Butylbenzene	13.075	119	190066	46.621	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	206894	47.149	ug/l	100
85) sec-Butylbenzene	13.251	105	275360	47.585	ug/l	97
86) p-Isopropyltoluene	13.367	119	236787	47.398	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	120529	47.631	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	120957	48.228	ug/l	99
89) n-Butylbenzene	13.696	91	210090	46.387	ug/l	98
90) Hexachloroethane	13.965	117	43540	46.864	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	106856	48.885	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6397	46.401	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	63491	47.582	ug/l	98
94) Hexachlorobutadiene	15.111	225	36618	47.610	ug/l	99
95) Naphthalene	15.239	128	110325	48.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	52601	46.073	ug/l	98

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ClientSampleId :
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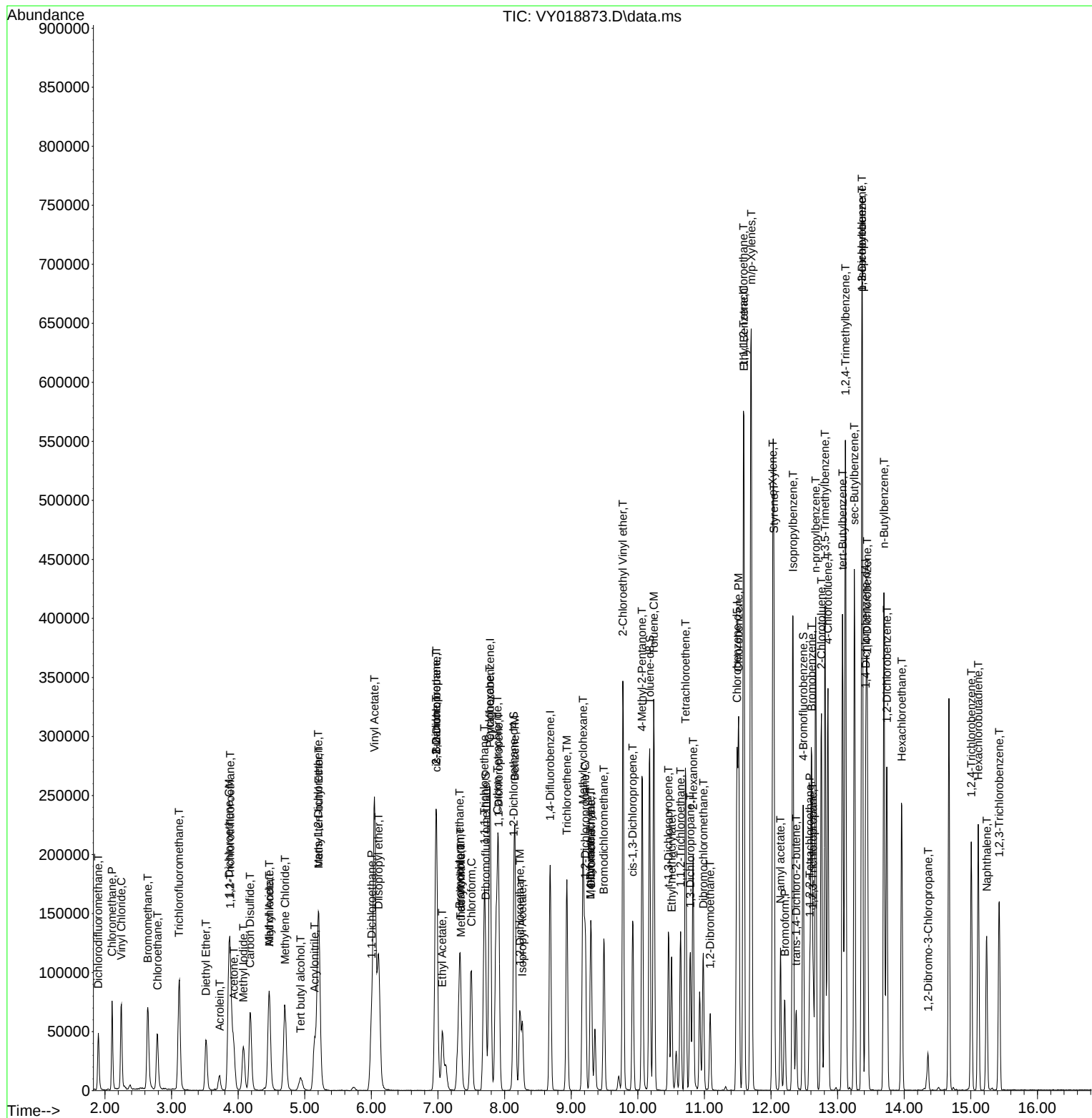
Quant Time: Jul 19 23:00:14 2024
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QLast Update : Tue Jul 09 14:28:51 2024
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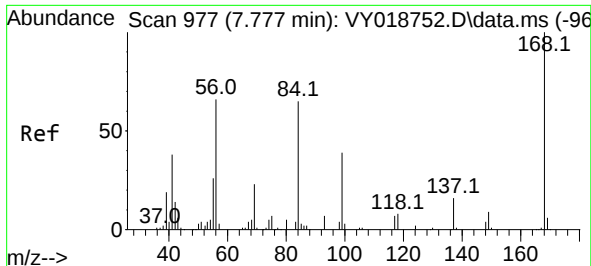
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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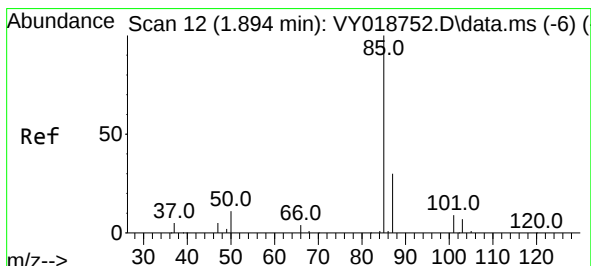
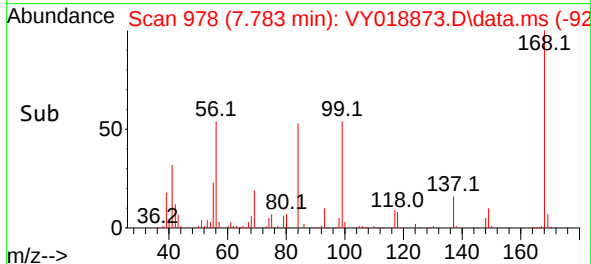
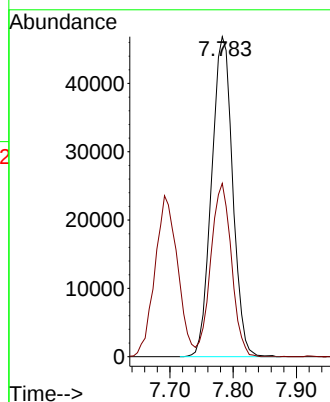
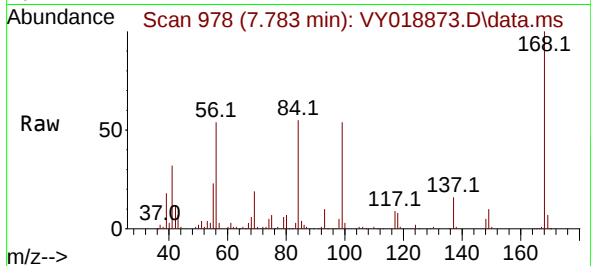




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
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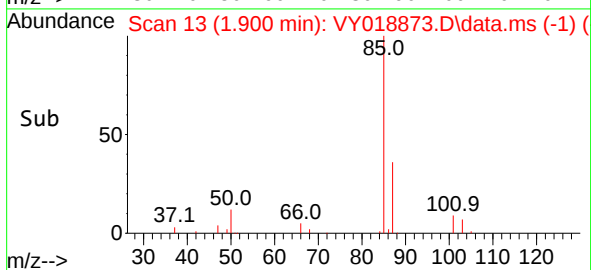
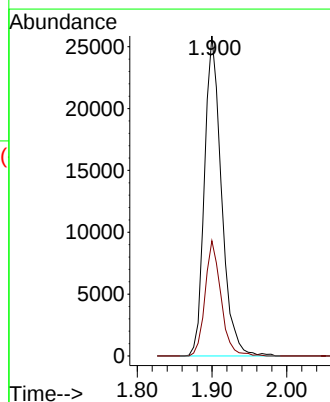
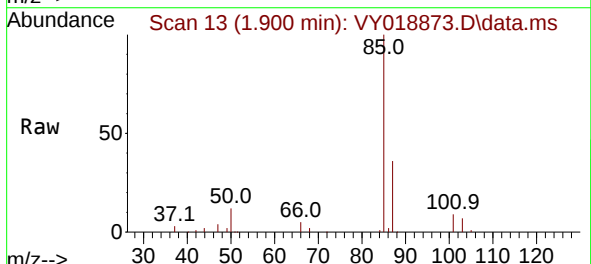
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

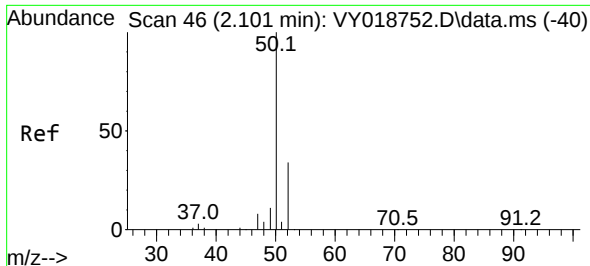
Tgt Ion:168 Resp: 108216
Ion Ratio Lower Upper
168 100
99 54.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 45.216 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 85 Resp: 41001
Ion Ratio Lower Upper
85 100
87 36.0 16.0 48.0

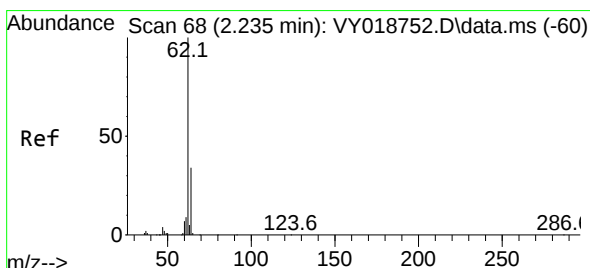
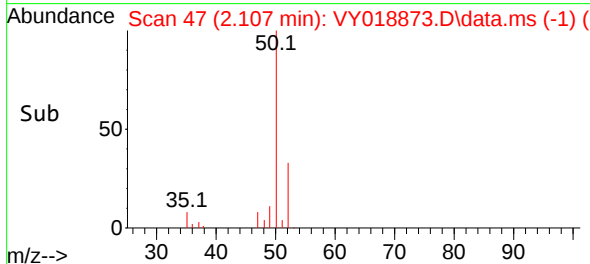
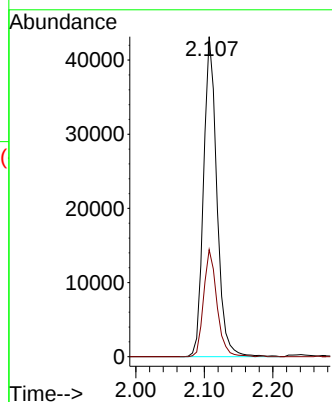
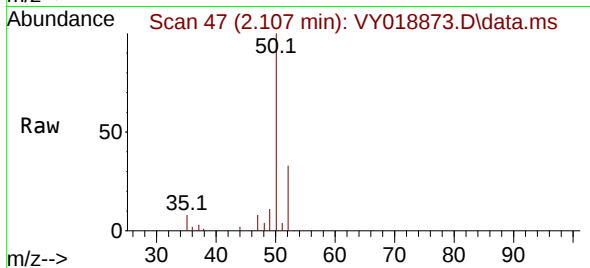




#3
Chloromethane
Concen: 42.571 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

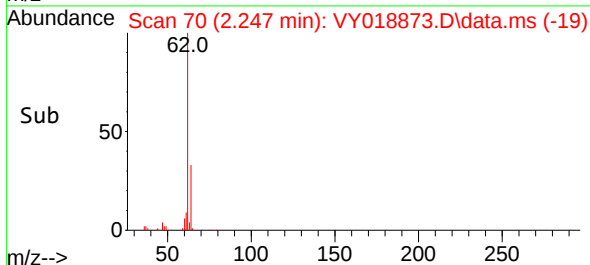
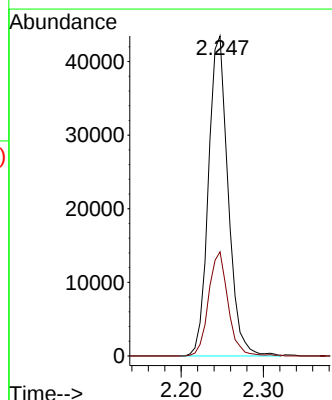
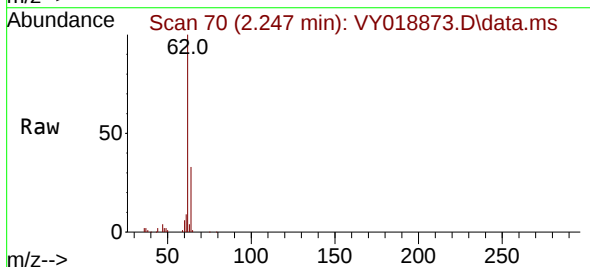
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 58661
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4



#4
Vinyl Chloride
Concen: 44.790 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.012 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 62 Resp: 72198
Ion Ratio Lower Upper
62 100
64 32.5 26.1 39.1

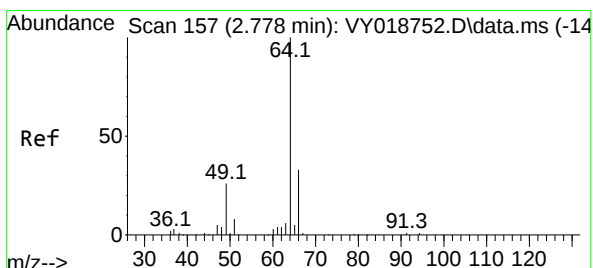
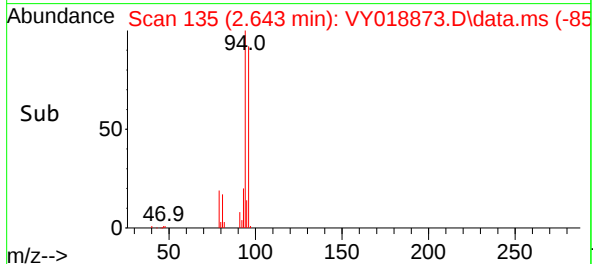
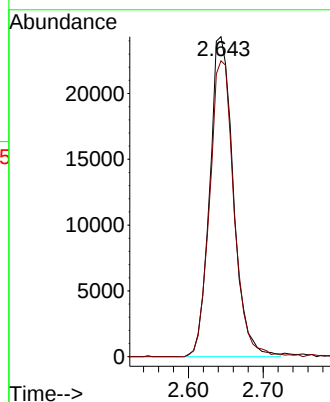
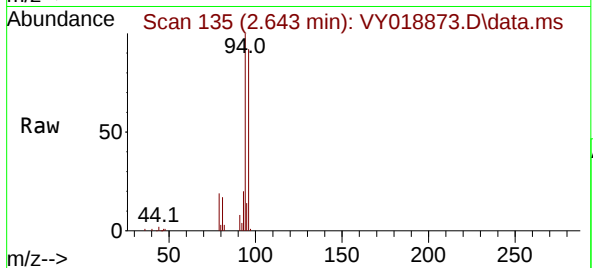




#5
Bromomethane
Concen: 48.139 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

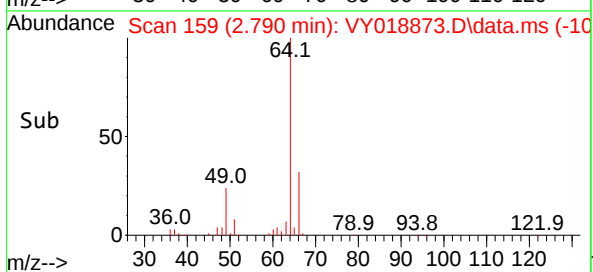
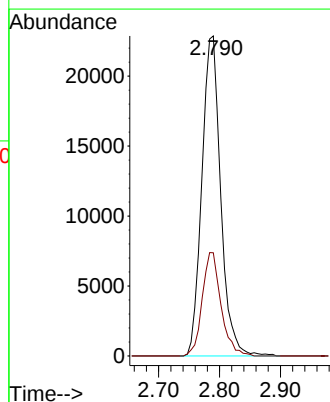
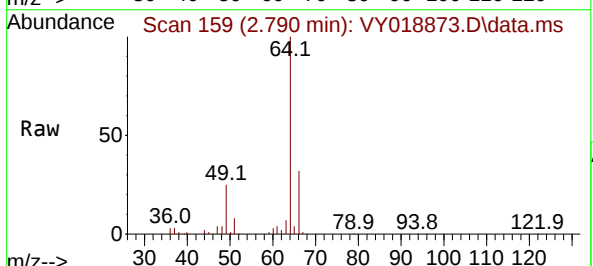
Instrument :
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Tgt Ion: 94 Resp: 53376
Ion Ratio Lower Upper
94 100
96 92.5 74.1 111.1



#6
Chloroethane
Concen: 46.966 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.012 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 64 Resp: 49185
Ion Ratio Lower Upper
64 100
66 32.3 26.1 39.1

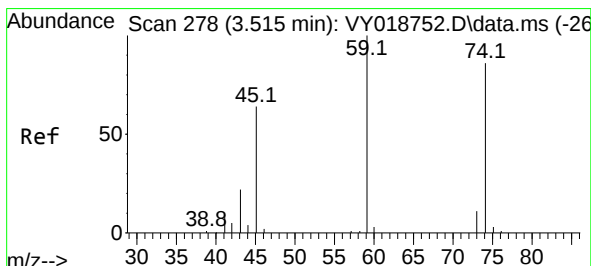
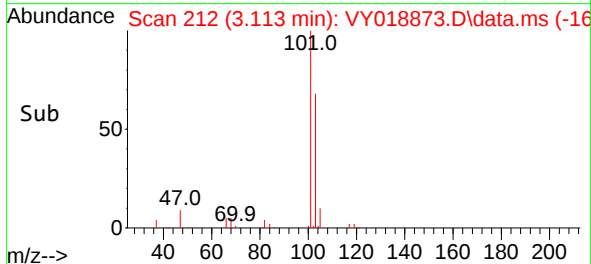
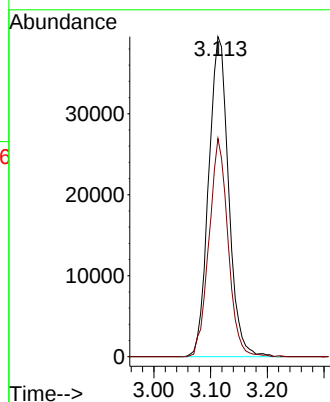
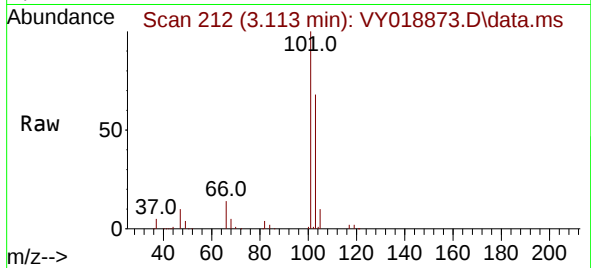




#7
 Trichlorofluoromethane
 Concen: 45.798 ug/l
 RT: 3.113 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VY018873.D
 Acq: 19 Jul 2024 10:57

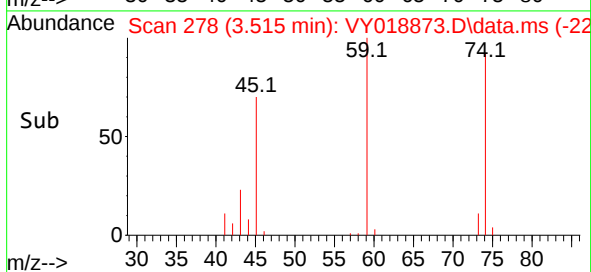
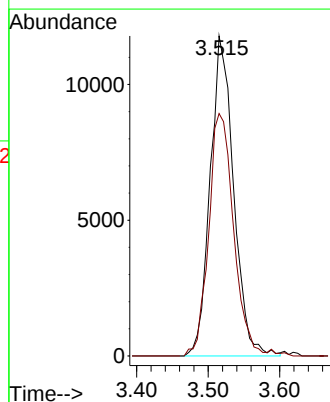
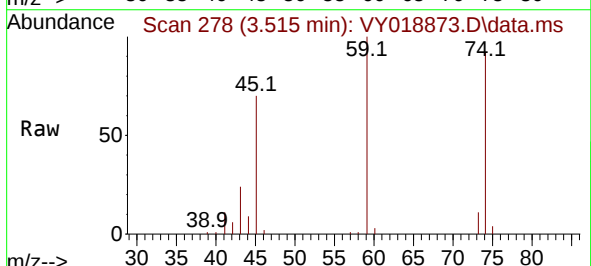
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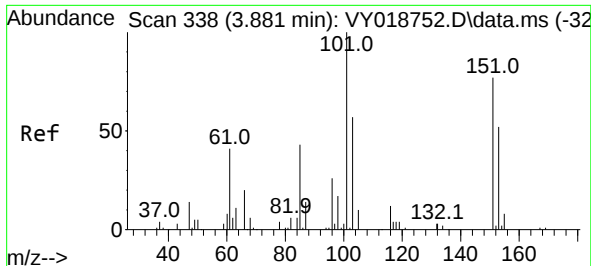
Tgt Ion:101 Resp: 96468
 Ion Ratio Lower Upper
 101 100
 103 68.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 52.262 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VY018873.D
 Acq: 19 Jul 2024 10:57

Tgt Ion: 74 Resp: 26831
 Ion Ratio Lower Upper
 74 100
 45 80.2 41.3 124.1

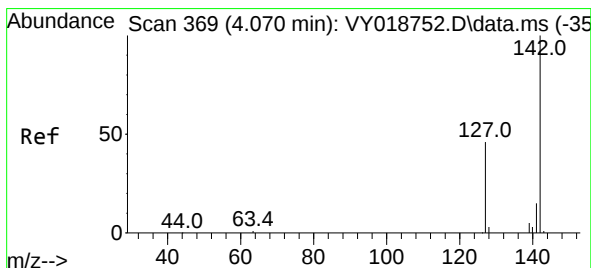
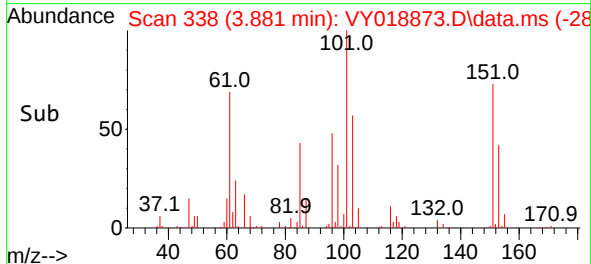
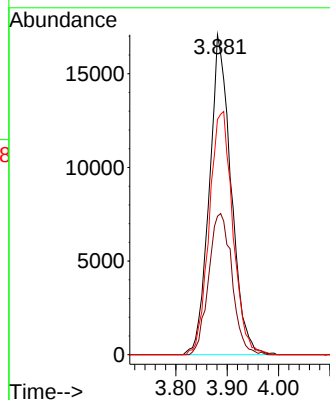
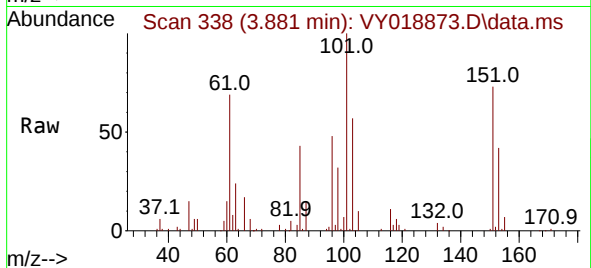




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.425 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY018873.D
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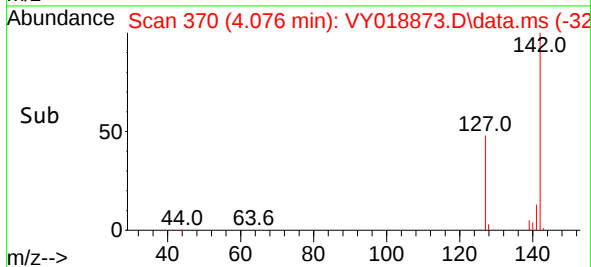
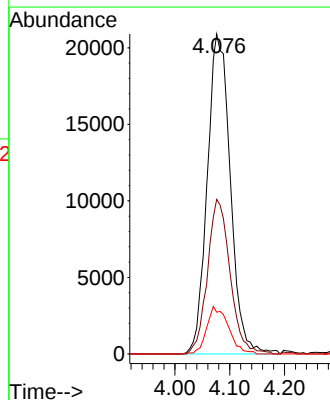
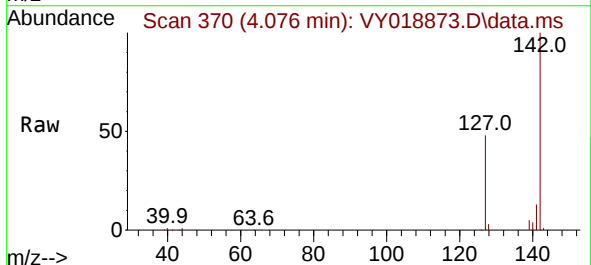
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MSVOA_Y
ClientSampleId :
VSTDCCC050

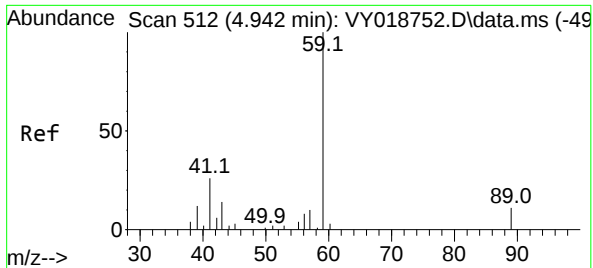
Tgt Ion:101 Resp: 50173
Ion Ratio Lower Upper
101 100
85 47.4 34.5 51.7
151 82.5 61.7 92.5



#10
Methyl Iodide
Concen: 52.523 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion:142 Resp: 61125
Ion Ratio Lower Upper
142 100
127 47.3 32.8 49.2
141 14.0 11.4 17.2

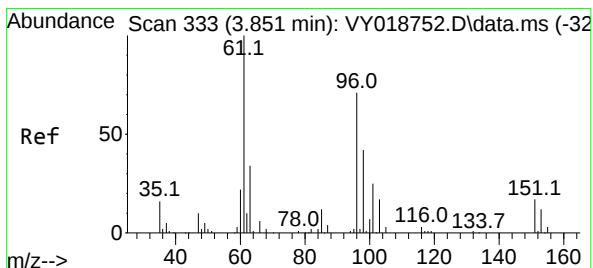
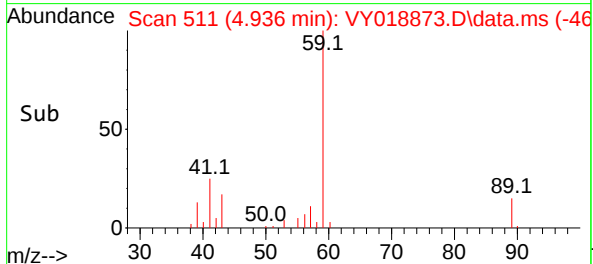
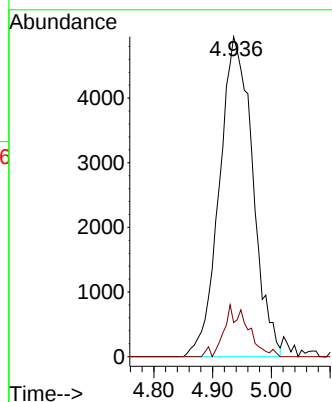
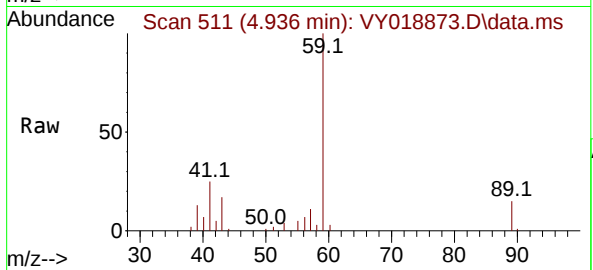




#11
Tert butyl alcohol
Concen: 180.510 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

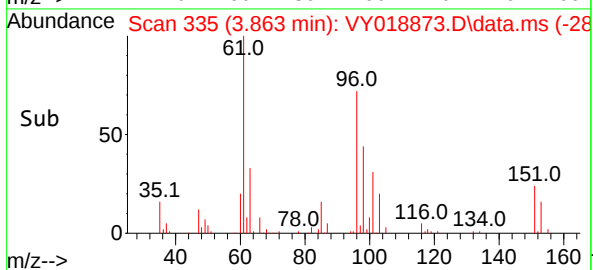
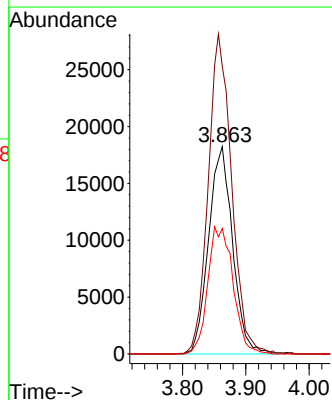
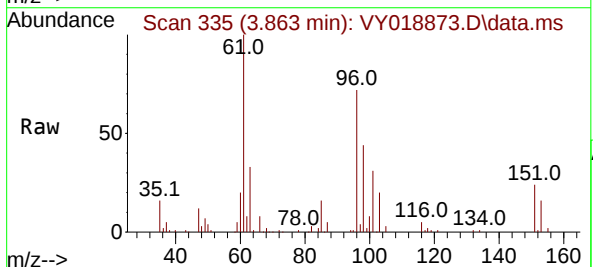
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

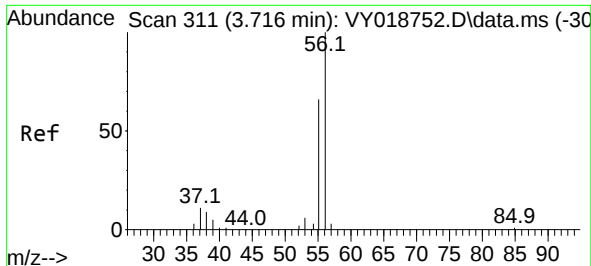
Tgt Ion: 59 Resp: 19472
Ion Ratio Lower Upper
59 100
57 5.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.068 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.012 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 96 Resp: 48164
Ion Ratio Lower Upper
96 100
61 138.3 114.6 171.8
98 60.5 50.8 76.2





#13

Acrolein

Concen: 166.201 ug/l

RT: 3.723 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

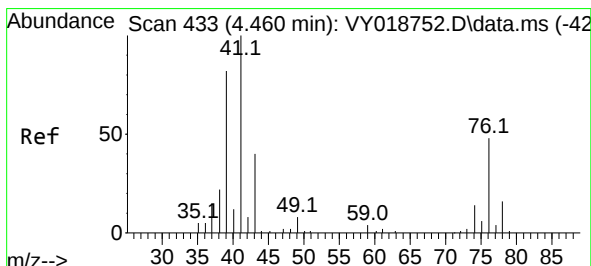
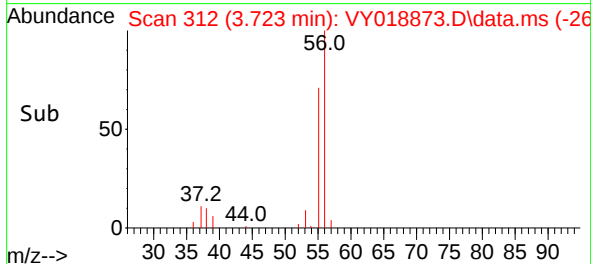
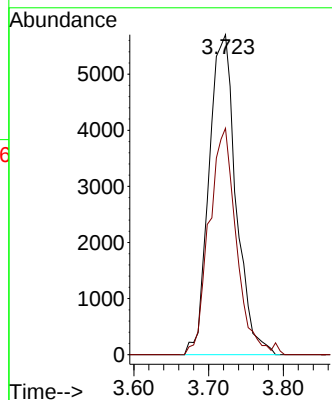
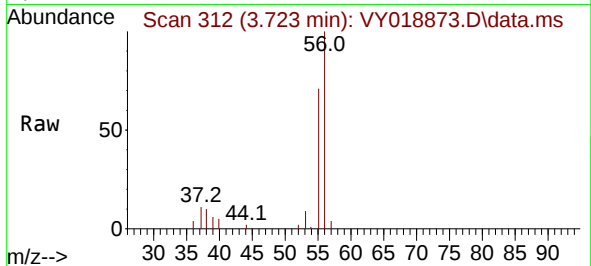
VSTDCCC050

Tgt Ion: 56 Resp: 14364

Ion Ratio Lower Upper

56 100

55 71.4 55.7 83.5



#14

Allyl chloride

Concen: 47.521 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

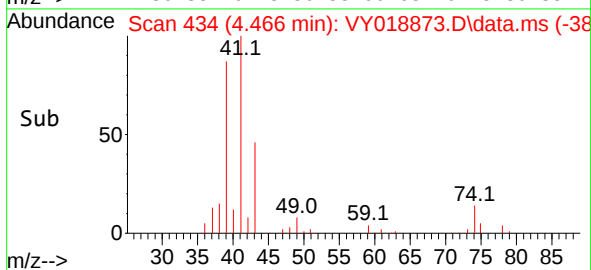
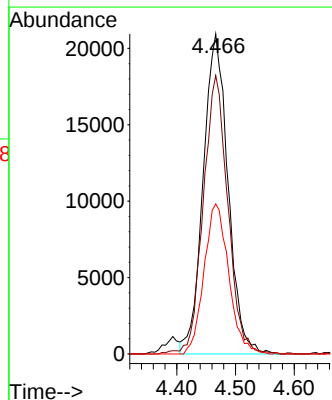
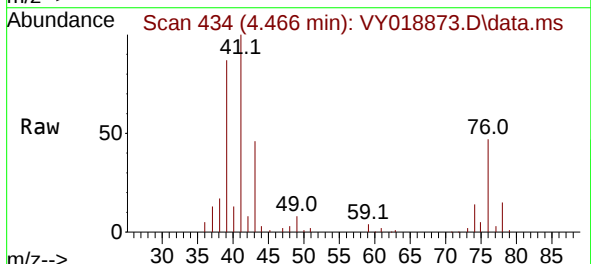
Tgt Ion: 41 Resp: 61551

Ion Ratio Lower Upper

41 100

39 86.1 58.3 87.5

76 46.6 39.0 58.6

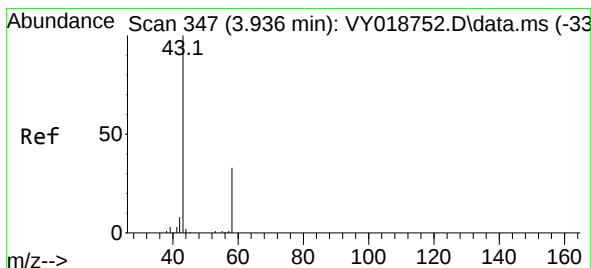
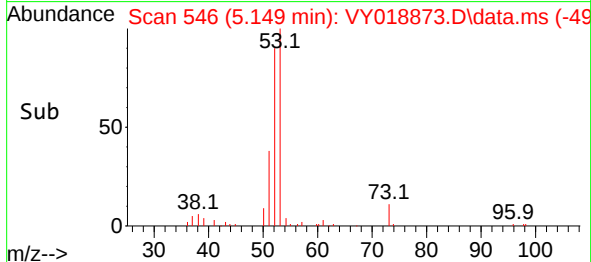
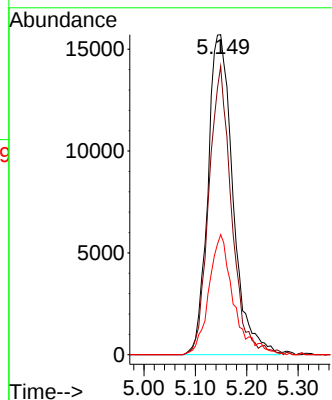
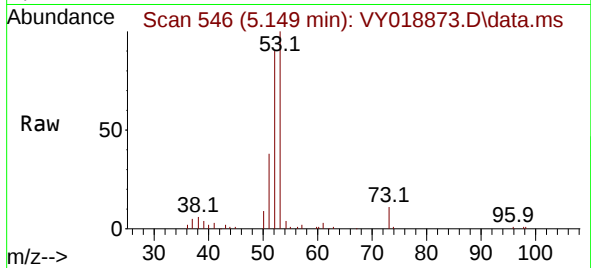




#15
Acrylonitrile
Concen: 262.734 ug/l
RT: 5.149 min Scan# 544
Delta R.T. 0.012 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

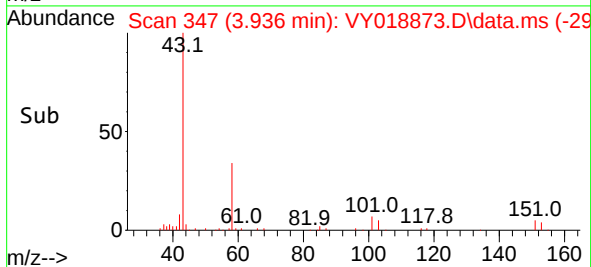
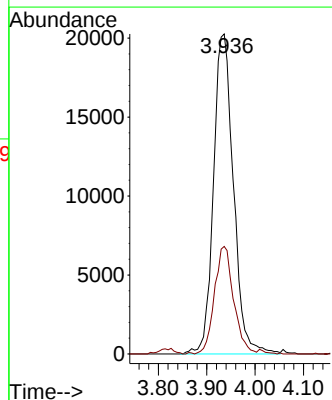
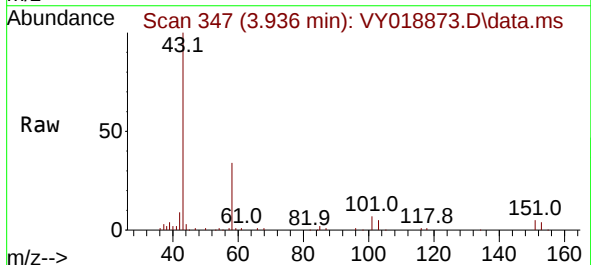
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

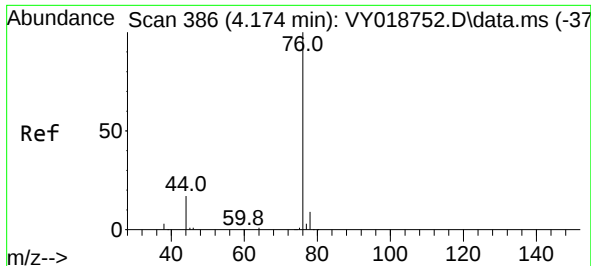
Tgt Ion: 53 Resp: 53212
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 37.1 28.4 42.6



#16
Acetone
Concen: 295.292 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 43 Resp: 57972
Ion Ratio Lower Upper
43 100
58 33.3 31.7 47.5

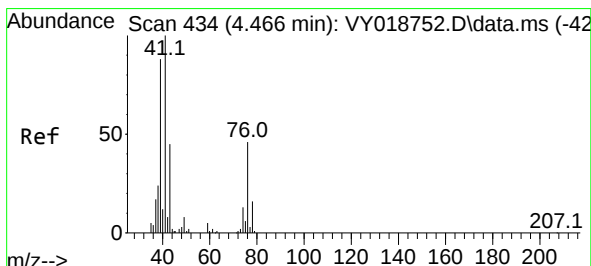
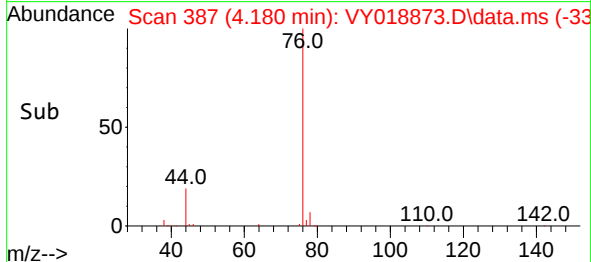
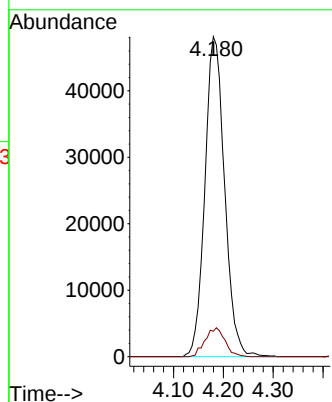
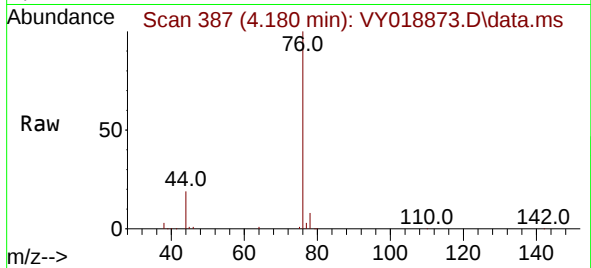




#17
Carbon Disulfide
Concen: 45.112 ug/l
RT: 4.180 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

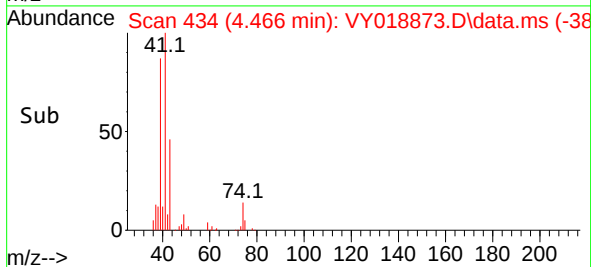
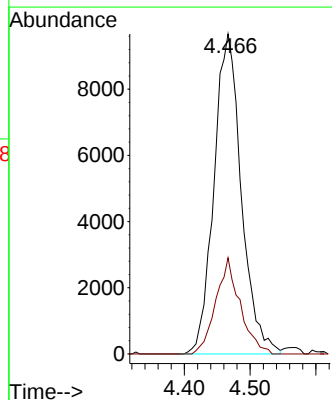
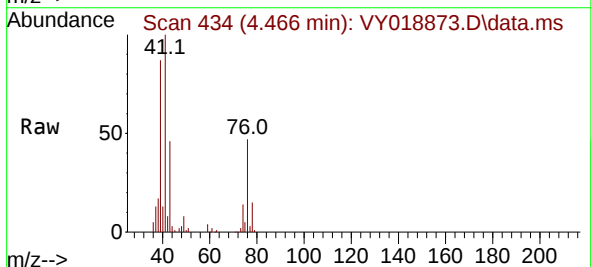
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

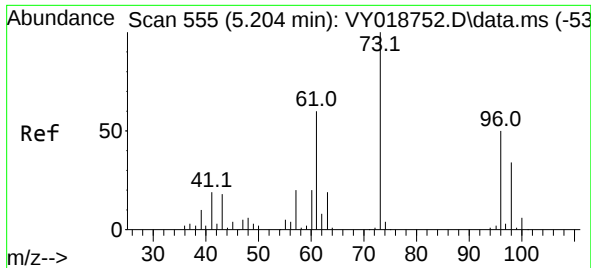
Tgt Ion: 76 Resp: 132066
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2



#18
Methyl Acetate
Concen: 49.083 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 43 Resp: 27999
Ion Ratio Lower Upper
43 100
74 26.6 23.3 34.9

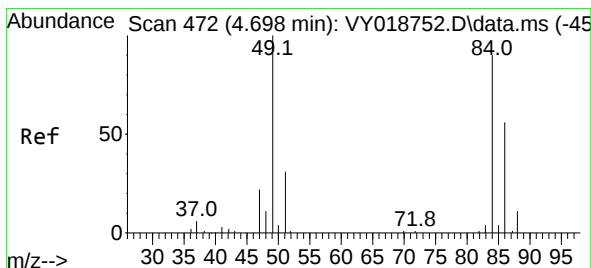
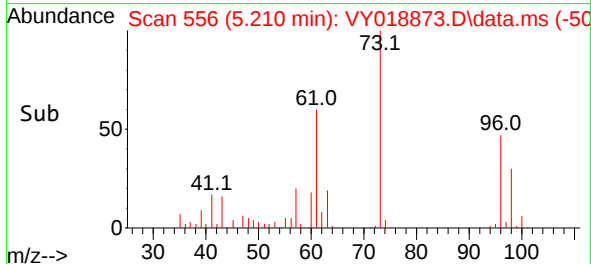
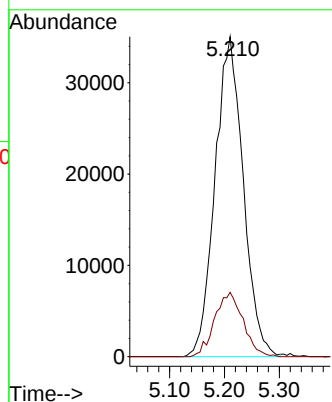
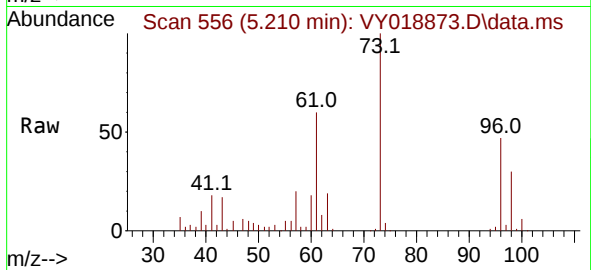




#19
Methyl tert-butyl Ether
Concen: 51.647 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

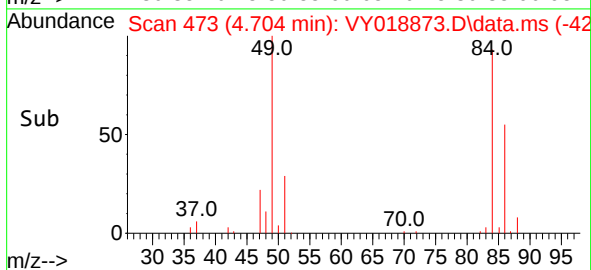
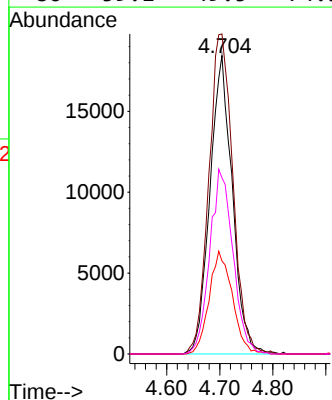
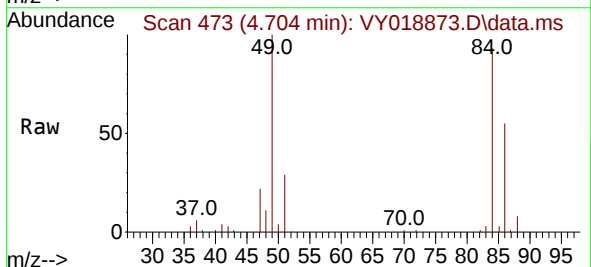
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 125261
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 48.459 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 84 Resp: 54048
Ion Ratio Lower Upper
84 100
49 107.2 84.4 126.6
51 31.2 26.0 39.0
86 59.1 49.5 74.3

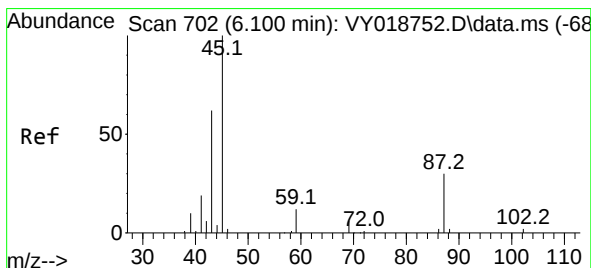
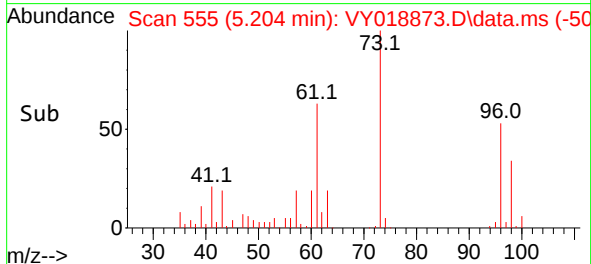
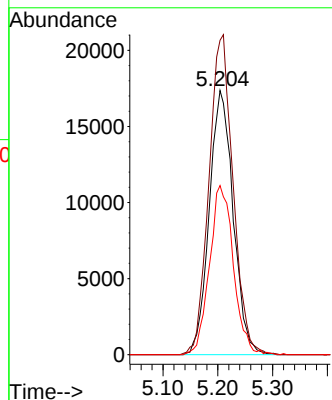
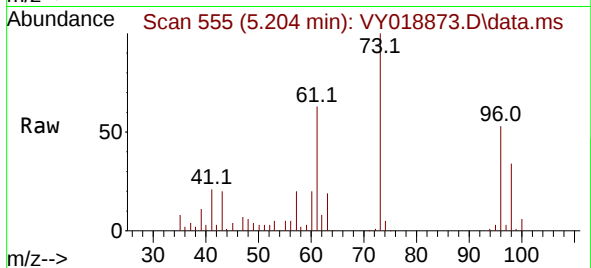




#21
trans-1,2-Dichloroethene
Concen: 47.702 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

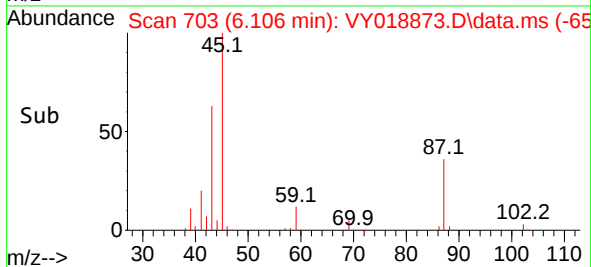
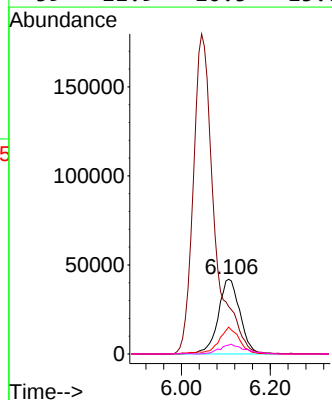
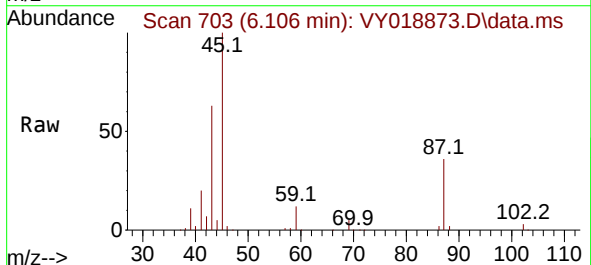
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

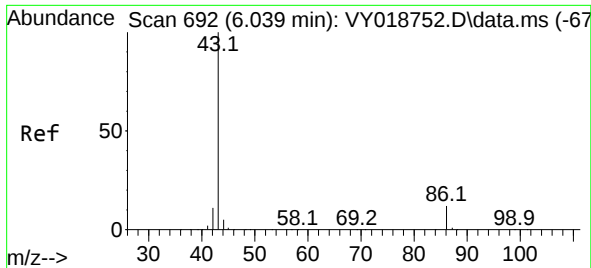
Tgt Ion: 96 Resp: 52637
Ion Ratio Lower Upper
96 100
61 119.0 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 50.421 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 45 Resp: 142060
Ion Ratio Lower Upper
45 100
43 62.8 42.2 63.2
87 35.9 25.0 37.6
59 11.9 10.5 15.7

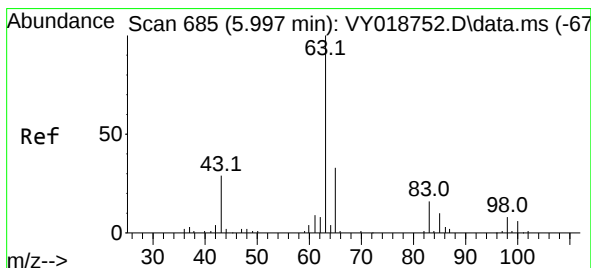
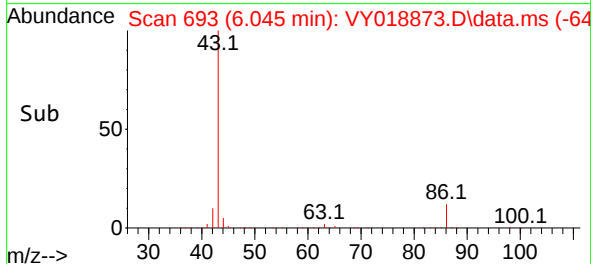
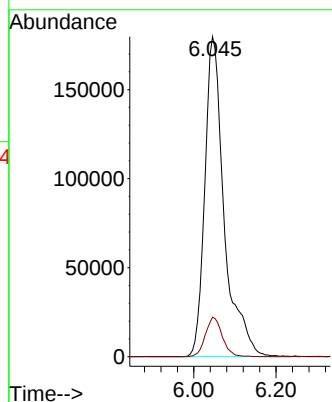
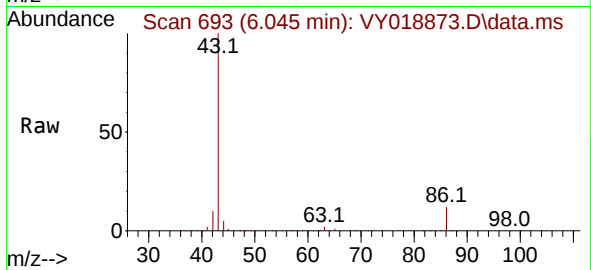




#23
Vinyl Acetate
Concen: 265.181 ug/l
RT: 6.045 min Scan# 693
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

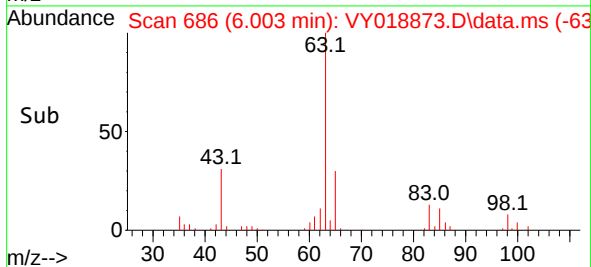
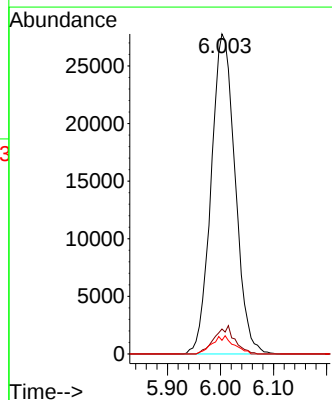
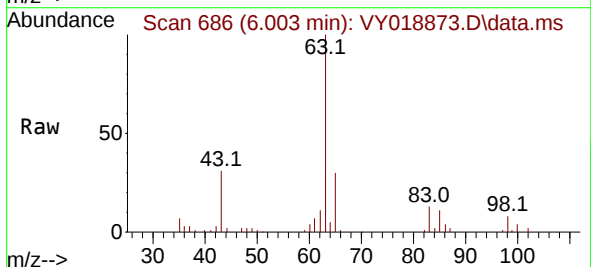
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

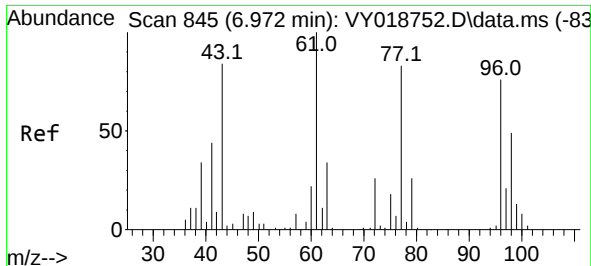
Tgt Ion: 43 Resp: 588619
Ion Ratio Lower Upper
43 100
86 12.4 10.6 16.0



#24
1,1-Dichloroethane
Concen: 48.496 ug/l
RT: 6.003 min Scan# 686
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 63 Resp: 87238
Ion Ratio Lower Upper
63 100
98 7.8 4.0 12.2
100 4.3 2.6 8.0





#25

2-Butanone

Concen: 271.313 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

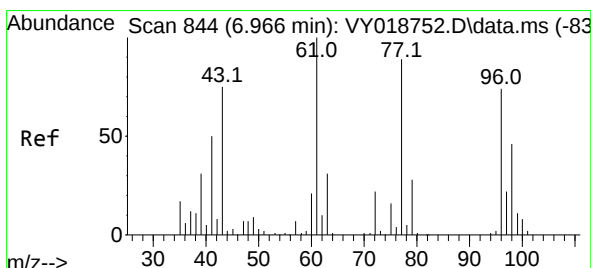
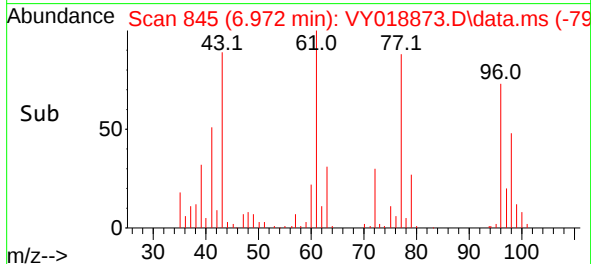
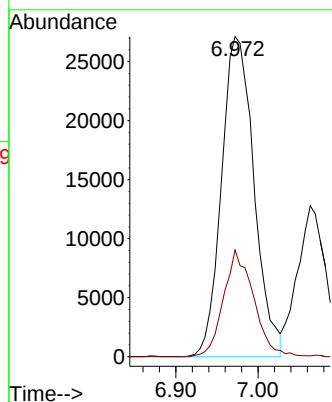
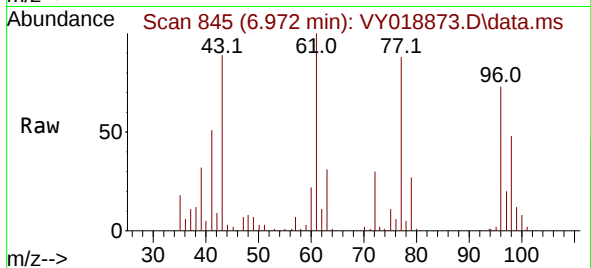
VSTDCCC050

Tgt Ion: 43 Resp: 74662

Ion Ratio Lower Upper

43 100

72 33.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.387 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY018873.D

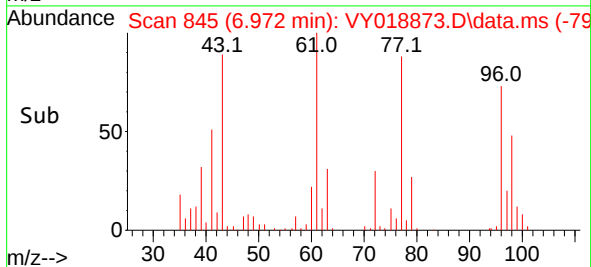
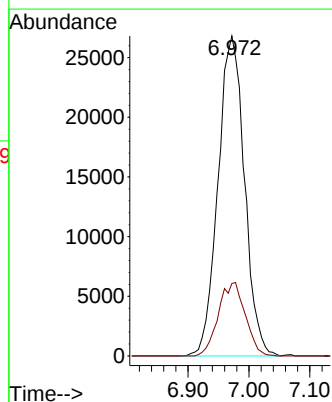
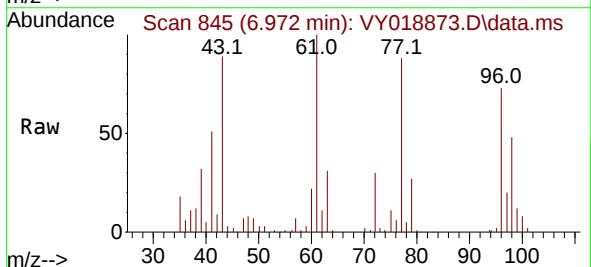
Acq: 19 Jul 2024 10:57

Tgt Ion: 77 Resp: 80763

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 49.055 ug/l

RT: 6.978 min Scan# 844

Delta R.T. 0.012 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

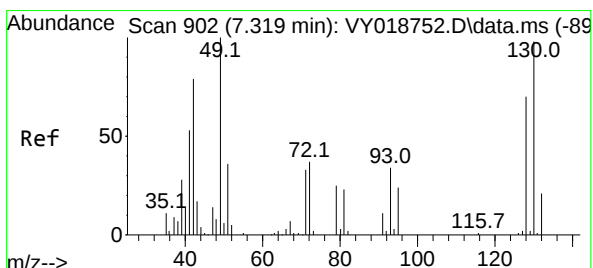
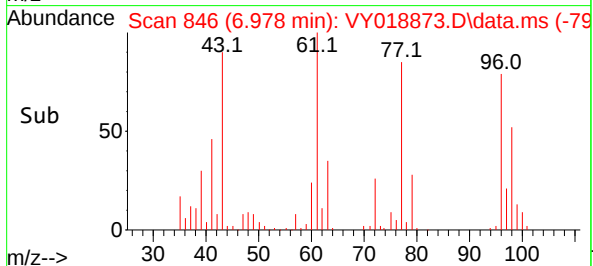
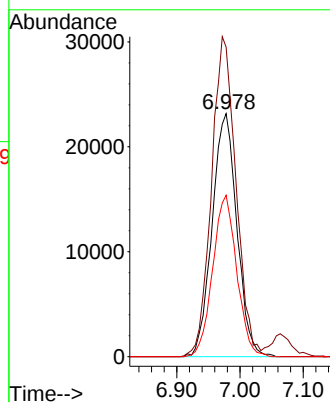
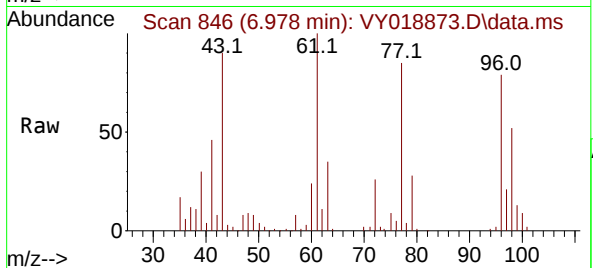
Tgt Ion: 96 Resp: 63021

Ion Ratio Lower Upper

96 100

61 129.9 0.0 256.2

98 64.4 0.0 130.0



#28

Bromochloromethane

Concen: 46.293 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

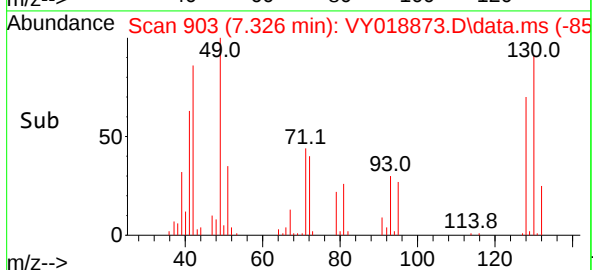
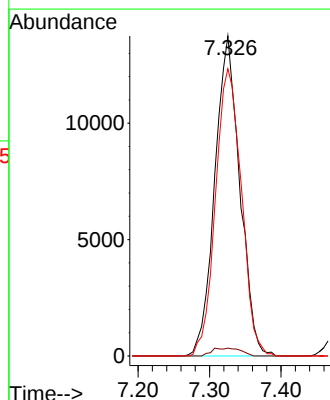
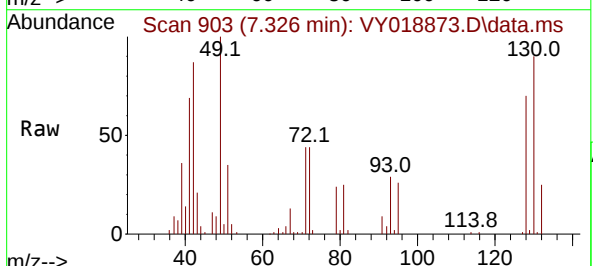
Tgt Ion: 49 Resp: 33447

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.6

130 92.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 264.156 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

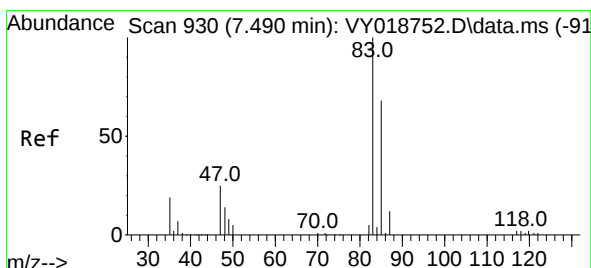
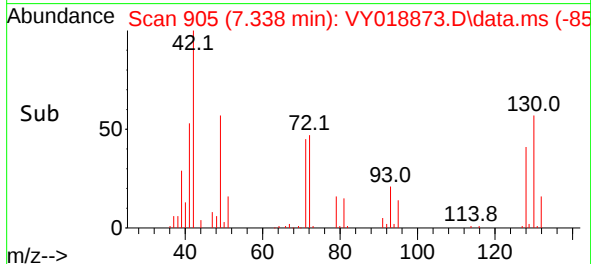
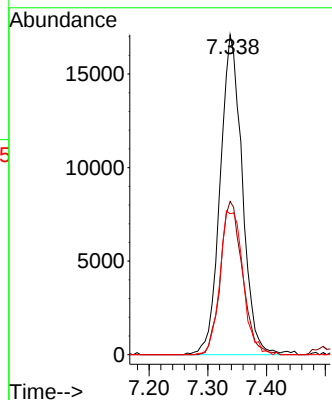
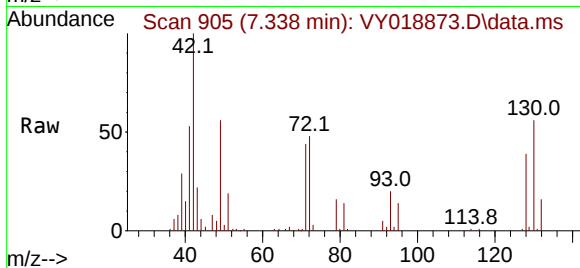
Tgt Ion: 42 Resp: 44565

Ion Ratio Lower Upper

42 100

72 47.6 43.0 64.4

71 47.2 40.8 61.2



#30

Chloroform

Concen: 49.978 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.012 min

Lab File: VY018873.D

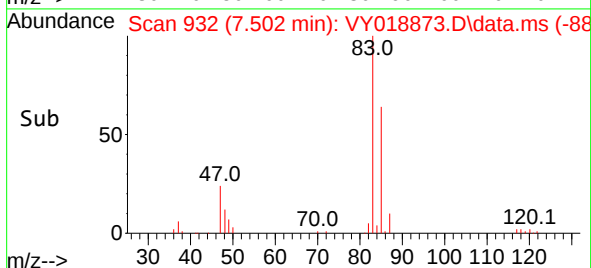
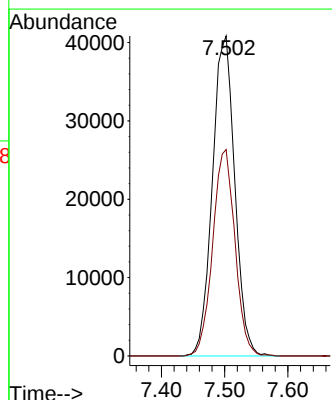
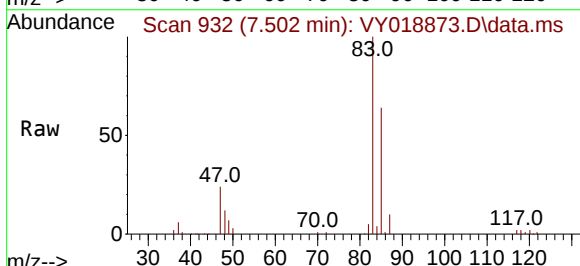
Acq: 19 Jul 2024 10:57

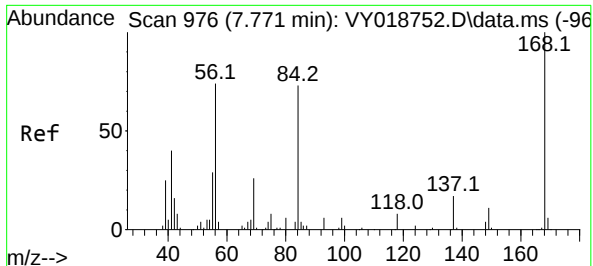
Tgt Ion: 83 Resp: 100199

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.4

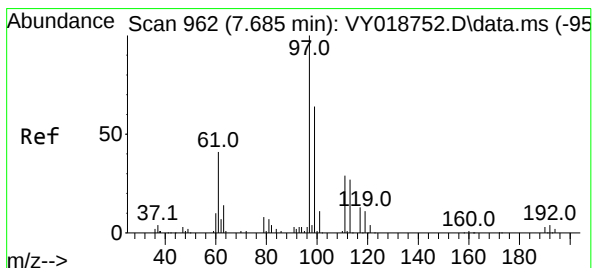
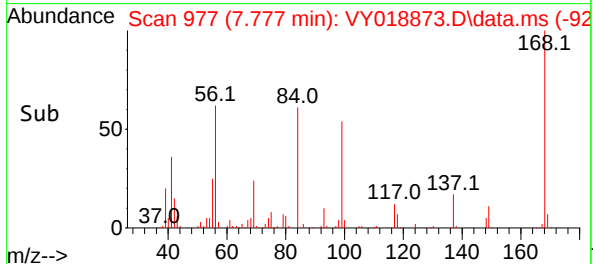
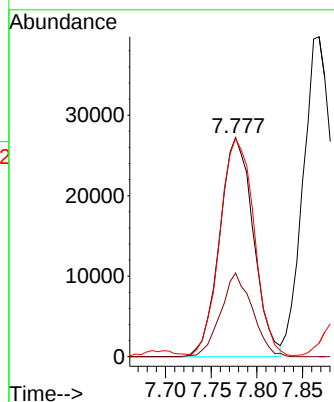
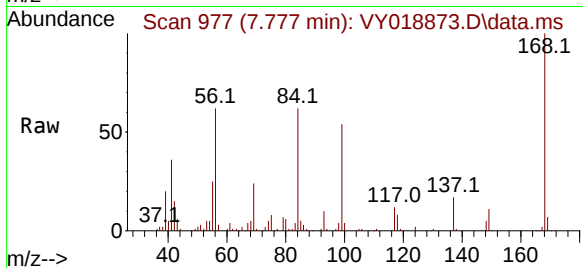




#31
Cyclohexane
Concen: 42.789 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

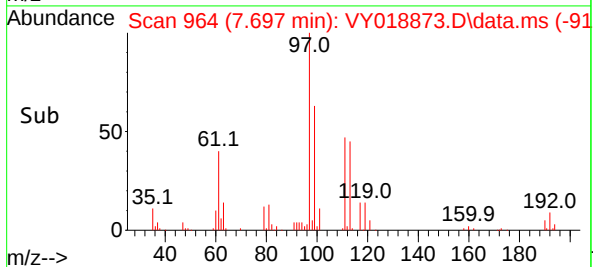
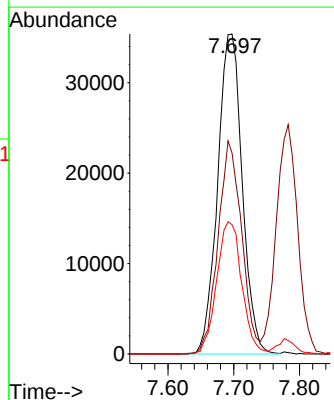
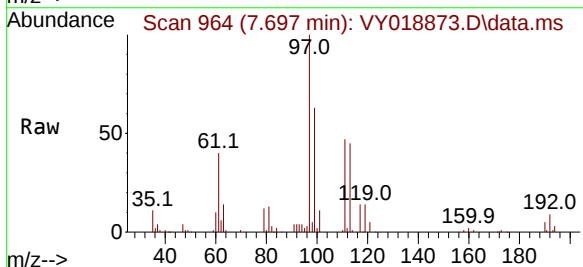
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

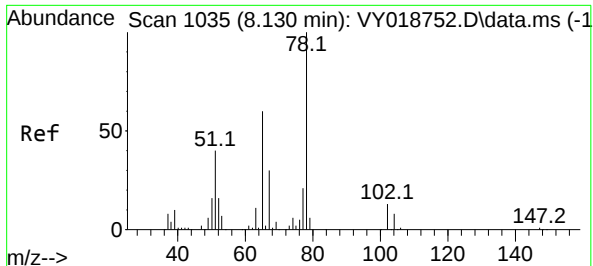
Tgt Ion: 56 Resp: 70002
Ion Ratio Lower Upper
56 100
69 38.2 28.7 43.1
84 98.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.481 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.012 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 97 Resp: 92247
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 42.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.815 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

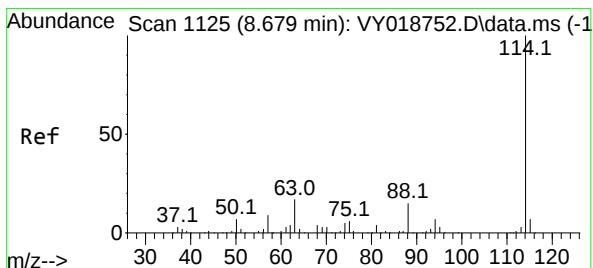
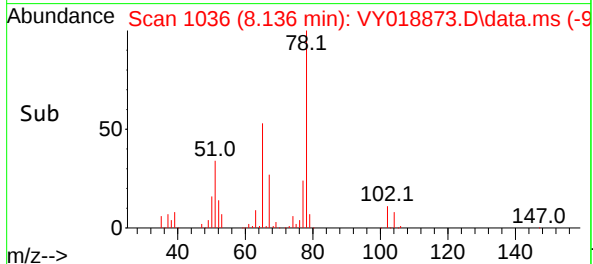
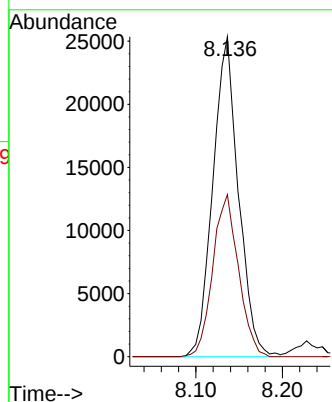
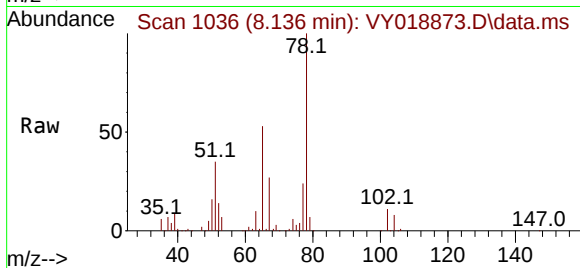
VSTDCCC050

Tgt Ion: 65 Resp: 51982

Ion Ratio Lower Upper

65 100

67 50.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

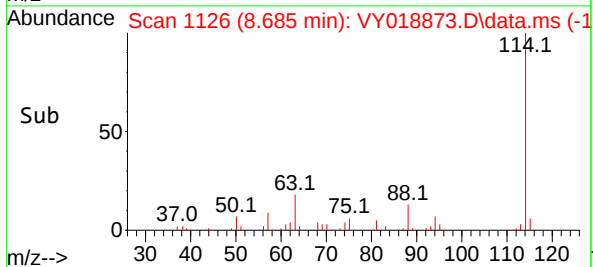
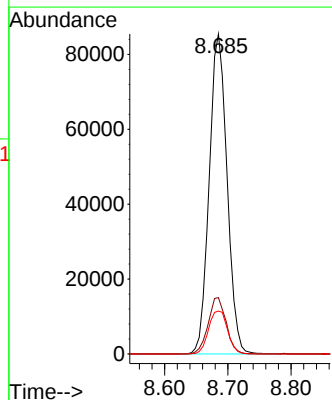
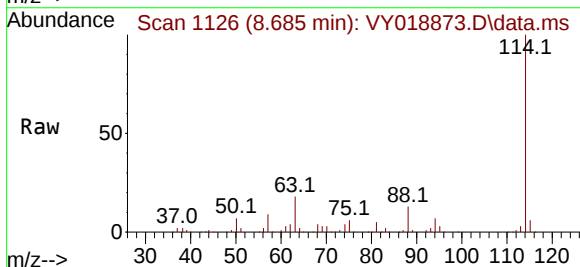
Tgt Ion: 114 Resp: 167337

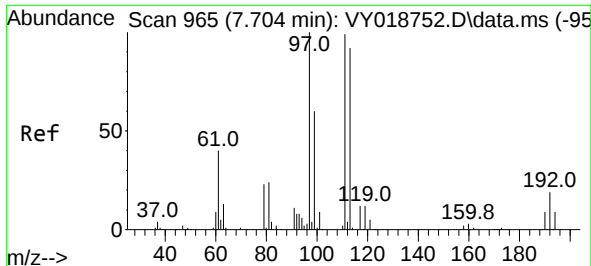
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 13.4 0.0 27.2

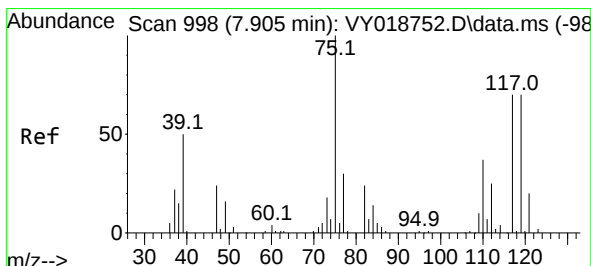
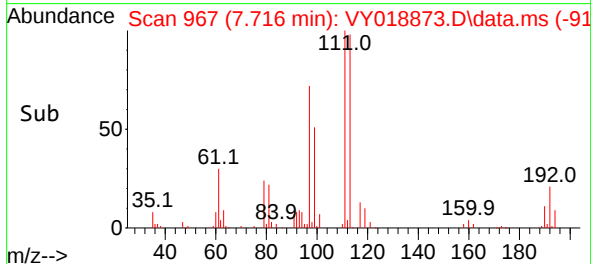
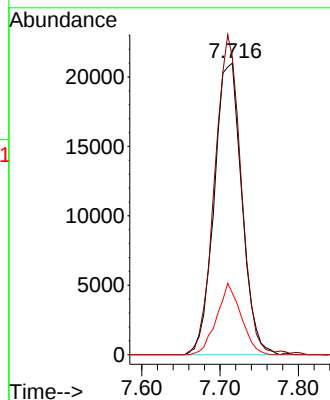
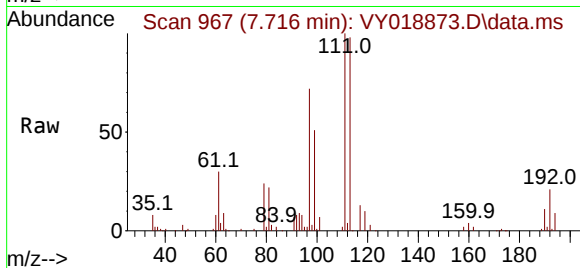




#35
Dibromofluoromethane
Concen: 49.084 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

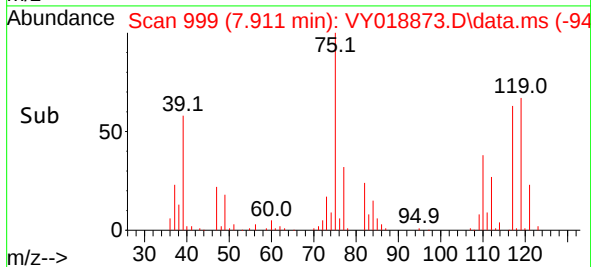
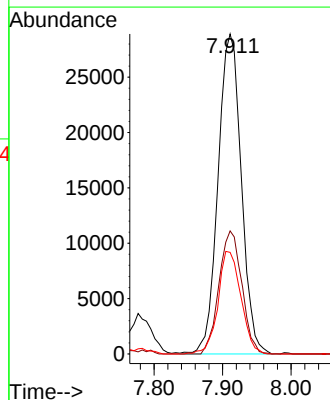
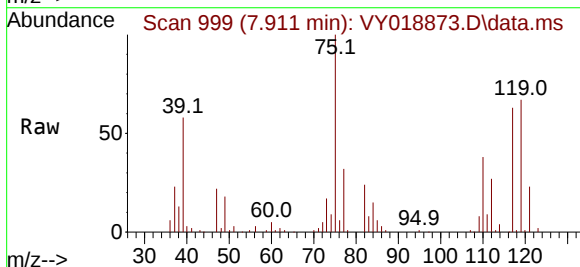
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

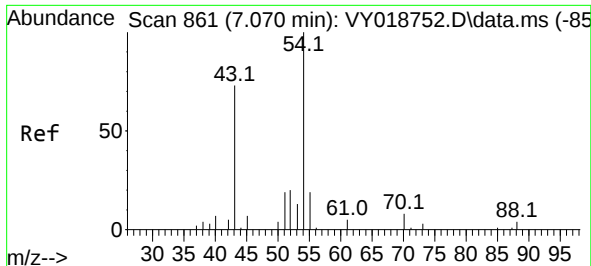
Tgt Ion:113 Resp: 51443
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.4
192 21.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.030 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 75 Resp: 68023
Ion Ratio Lower Upper
75 100
110 37.8 19.0 57.0
77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 52.670 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

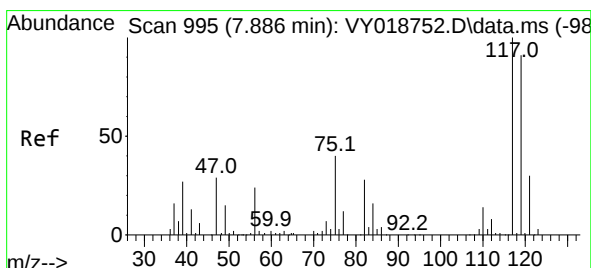
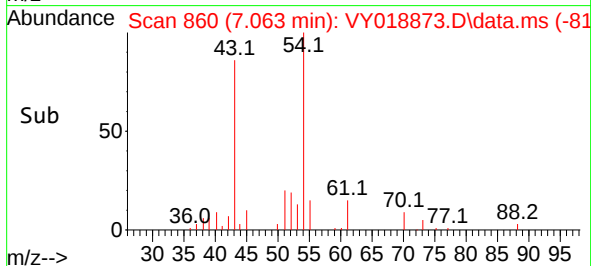
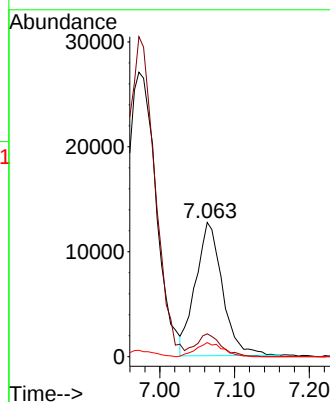
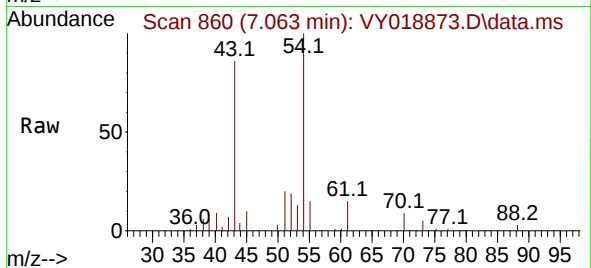
Tgt Ion: 43 Resp: 31665

Ion Ratio Lower Upper

43 100

61 16.0 12.6 19.0

70 10.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 48.514 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

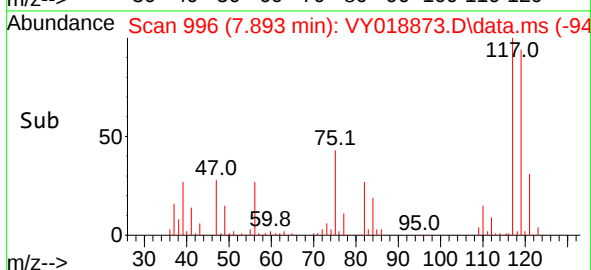
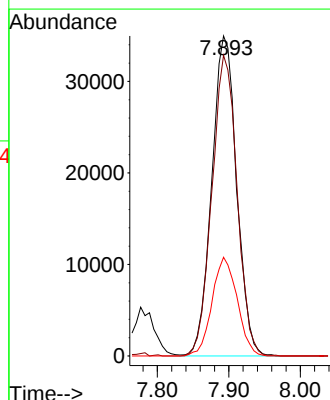
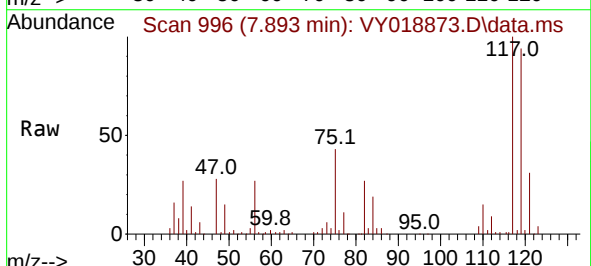
Tgt Ion: 117 Resp: 84513

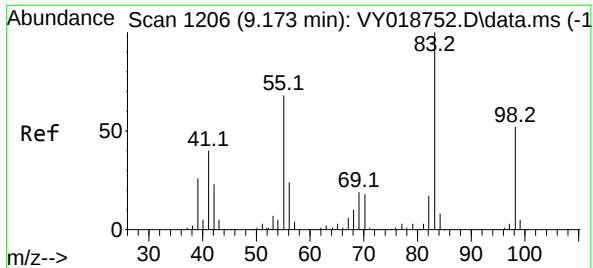
Ion Ratio Lower Upper

117 100

119 93.9 75.8 113.6

121 30.8 24.0 36.0

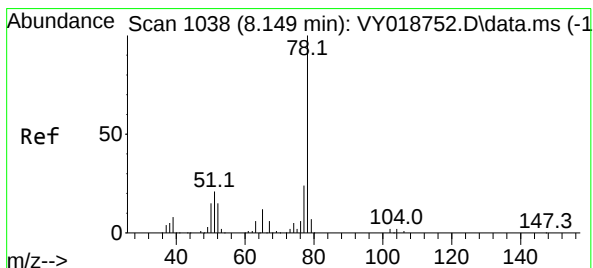
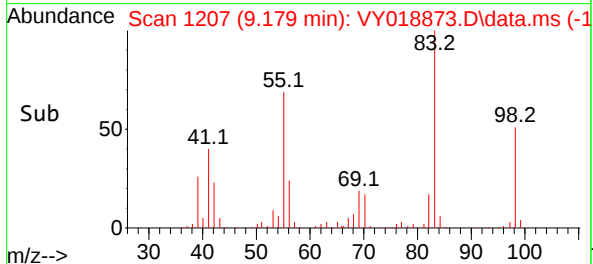
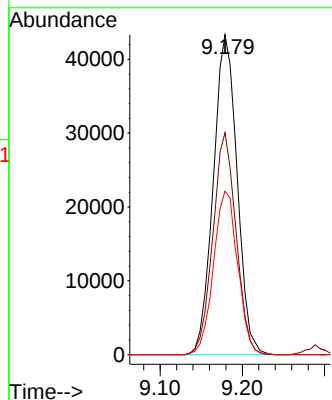
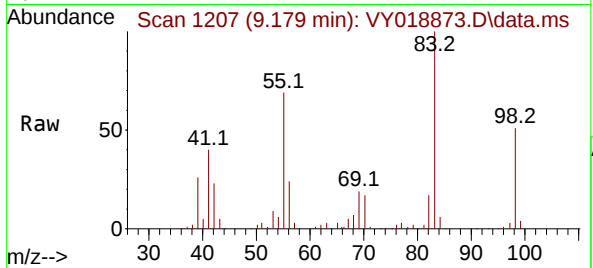




#39
Methylcyclohexane
Concen: 47.054 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

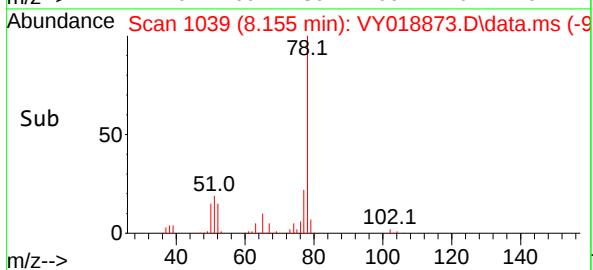
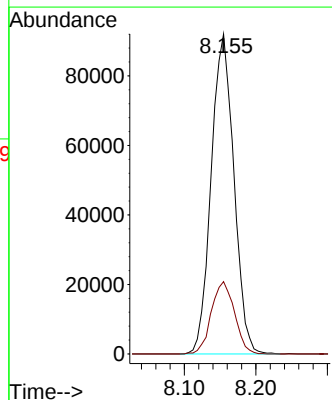
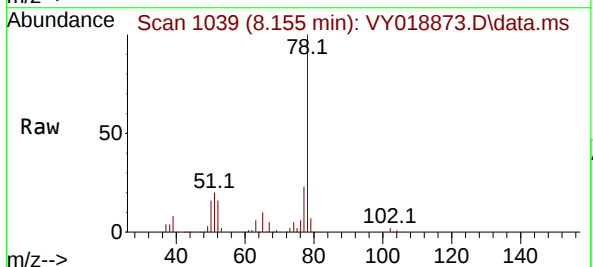
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

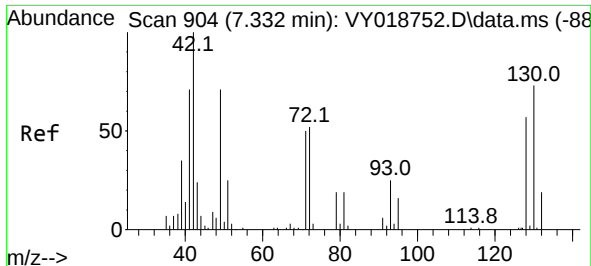
Tgt Ion: 83 Resp: 87216
Ion Ratio Lower Upper
83 100
55 69.4 51.5 77.3
98 51.1 40.5 60.7



#40
Benzene
Concen: 48.368 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 78 Resp: 202943
Ion Ratio Lower Upper
78 100
77 22.6 19.5 29.3

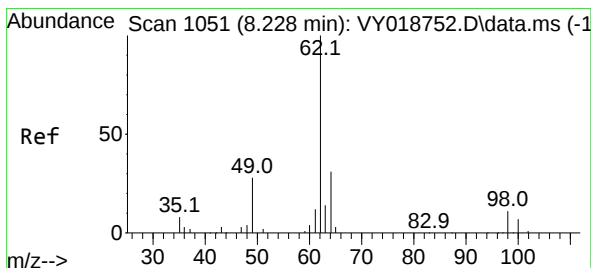
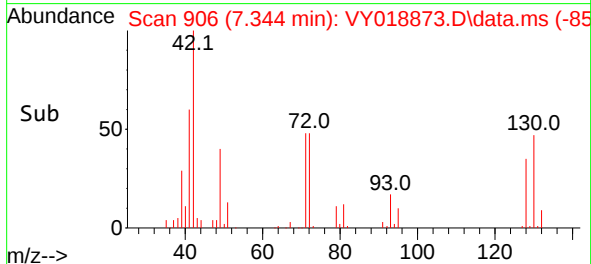
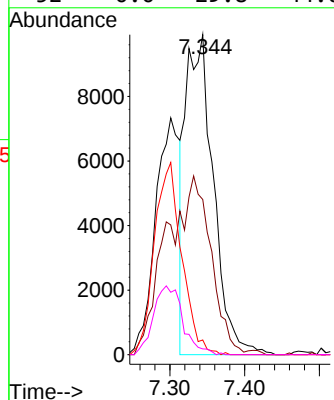
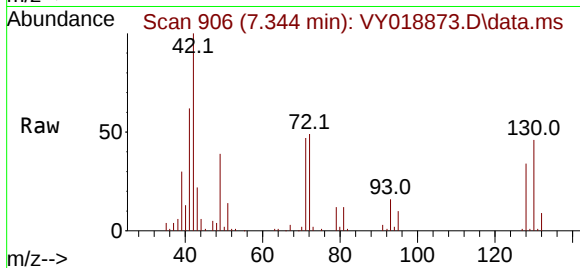




#41
Methacrylonitrile
Concen: 74.221 ug/l
RT: 7.344 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

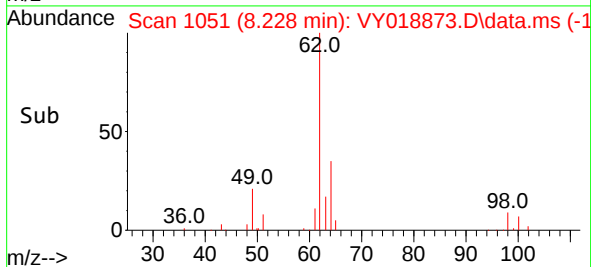
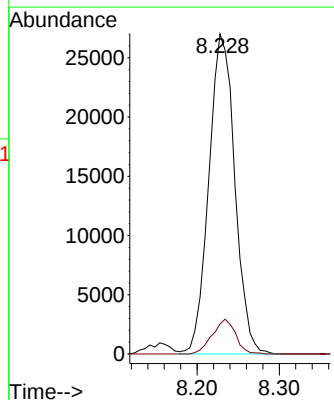
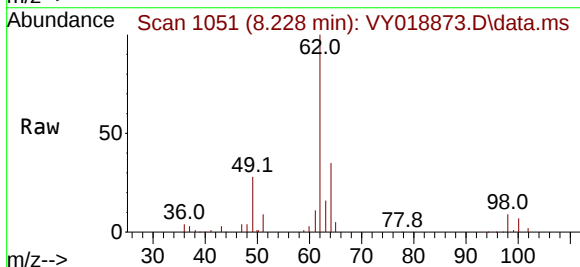
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

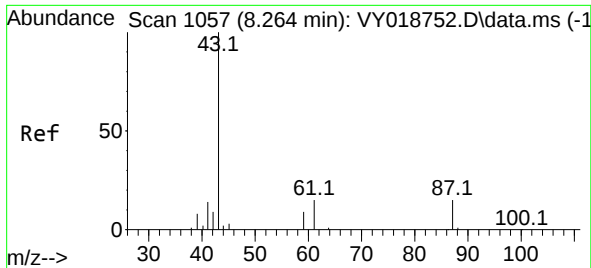
Tgt Ion:	41	Resp:	25440
Ion	Ratio	Lower	Upper
41	100		
39	45.2	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 50.529 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion:	62	Resp:	59358
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	22.0

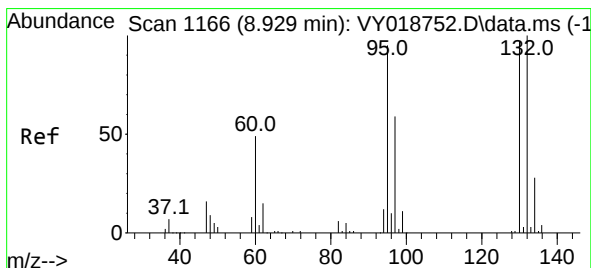
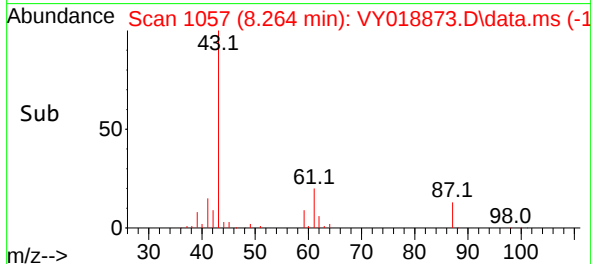
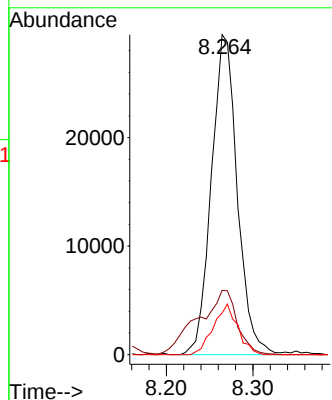
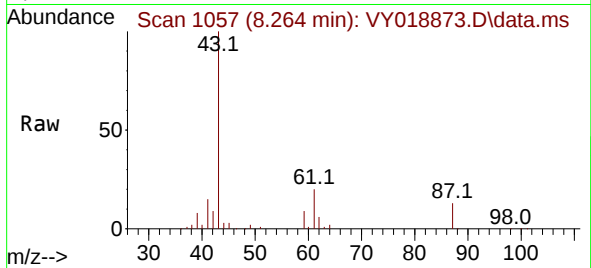




#43
Isopropyl Acetate
Concen: 51.187 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

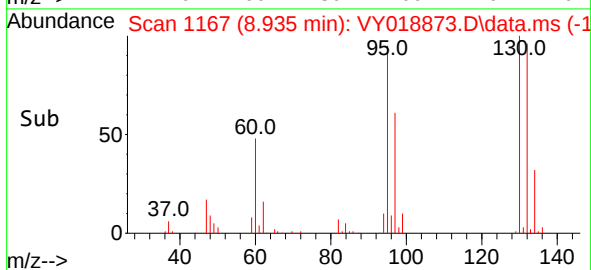
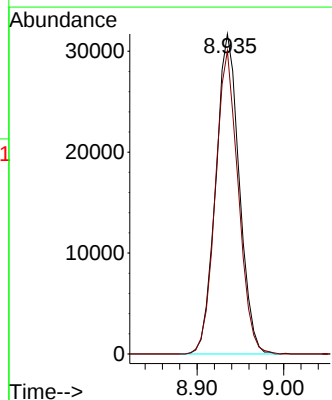
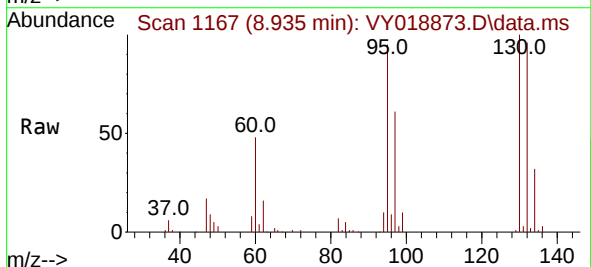
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

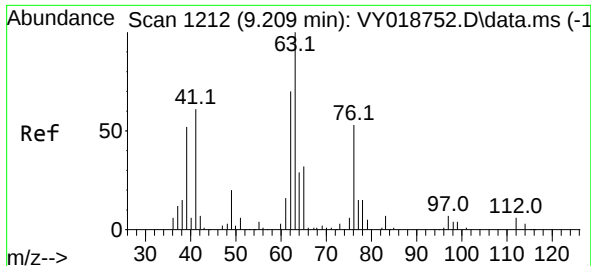
Tgt Ion: 43 Resp: 61234
Ion Ratio Lower Upper
43 100
61 30.3 27.9 41.9
87 14.8 13.1 19.7



#44
Trichloroethene
Concen: 49.747 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion:130 Resp: 59664
Ion Ratio Lower Upper
130 100
95 94.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 49.576 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

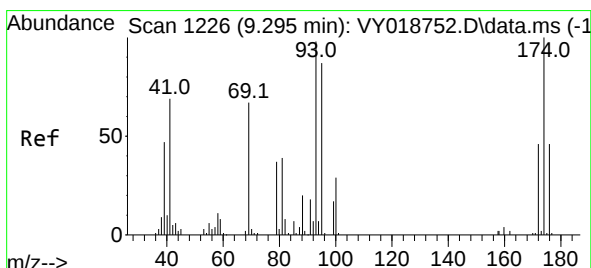
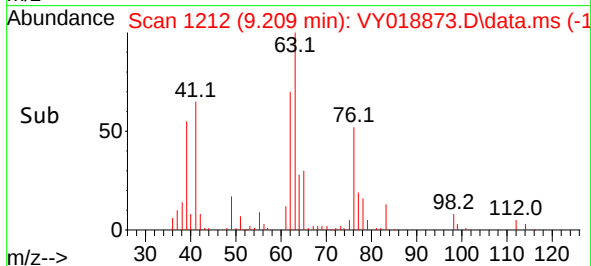
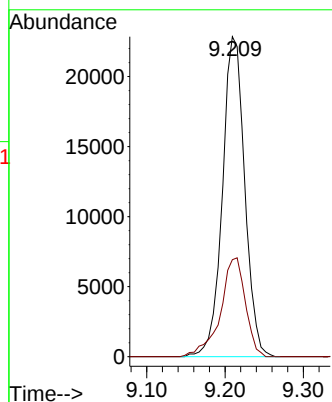
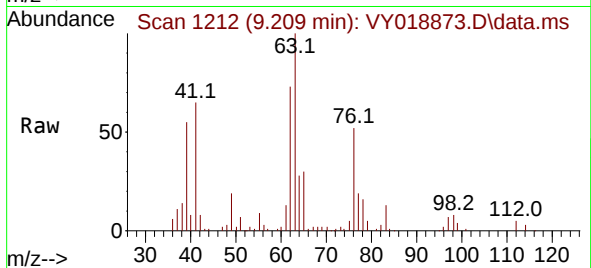
VSTDCCC050

Tgt Ion: 63 Resp: 45296

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.2



#46

Dibromomethane

Concen: 52.380 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

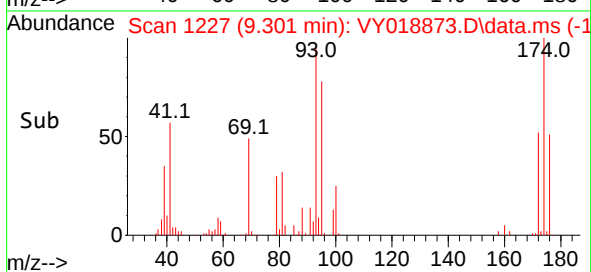
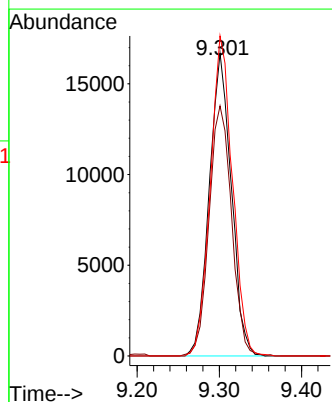
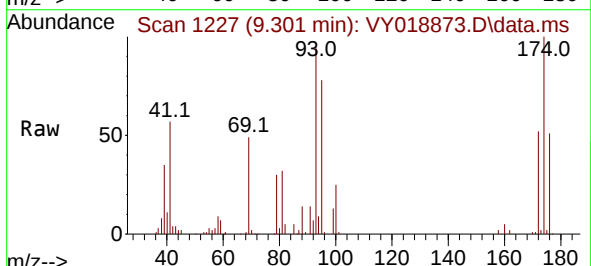
Tgt Ion: 93 Resp: 31021

Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 106.6 80.9 121.3

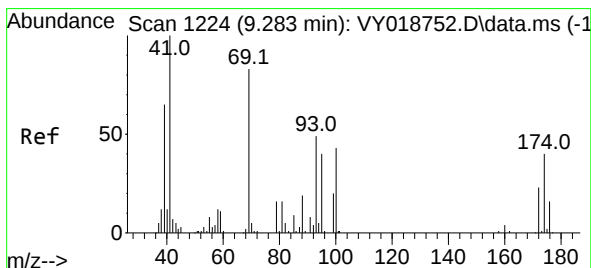
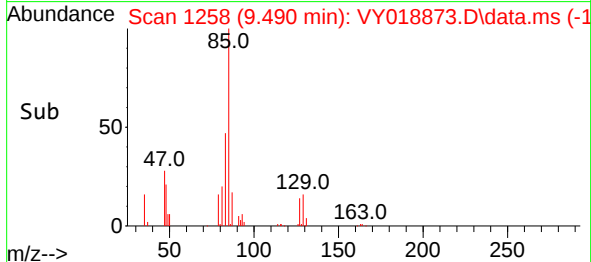
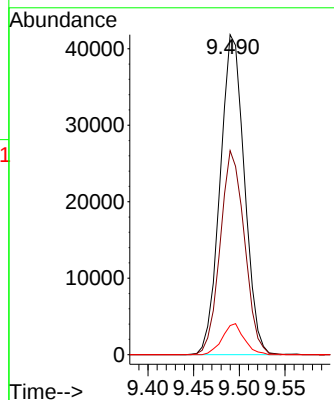
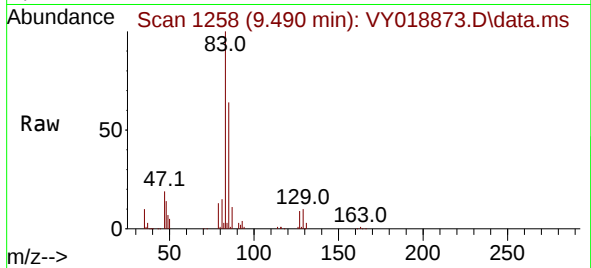




#47
Bromodichloromethane
Concen: 52.268 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

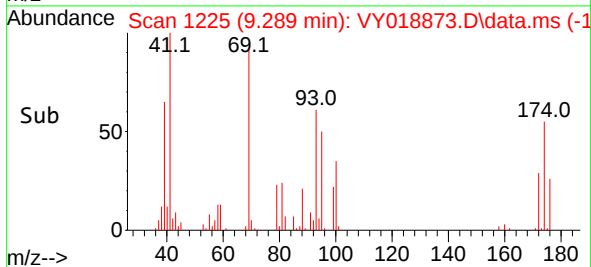
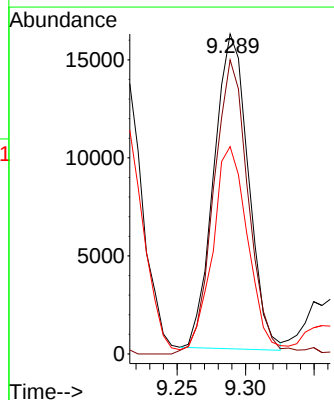
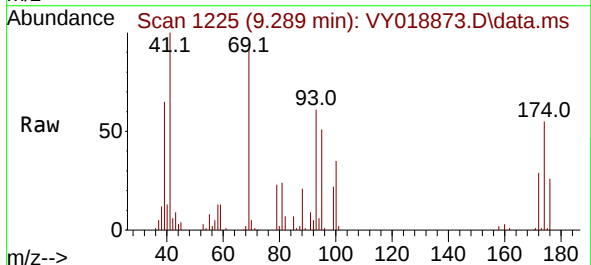
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

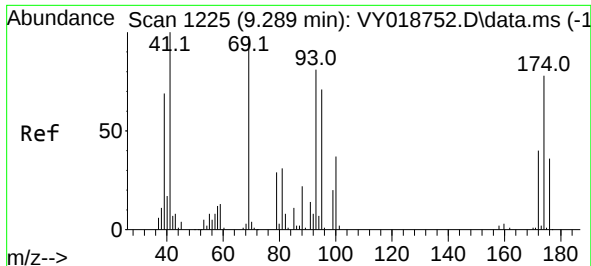
Tgt Ion: 83 Resp: 77330
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 9.1 7.4 11.0



#48
Methyl methacrylate
Concen: 51.734 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 41 Resp: 28130
Ion Ratio Lower Upper
41 100
69 94.7 84.1 126.1
39 65.2 43.6 65.4





#49

1,4-Dioxane

Concen: 950.261 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

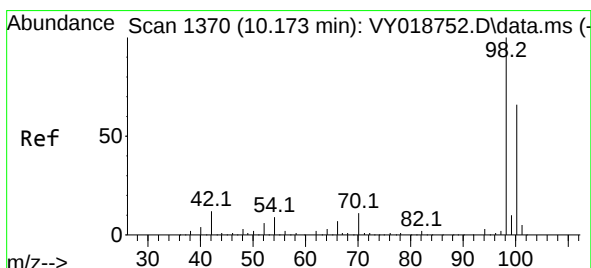
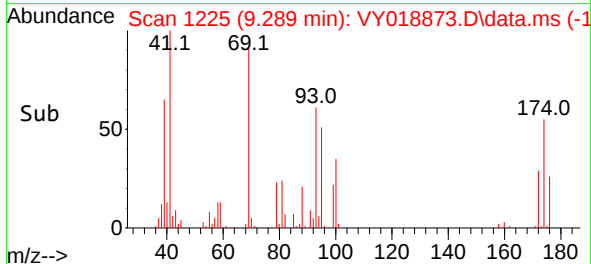
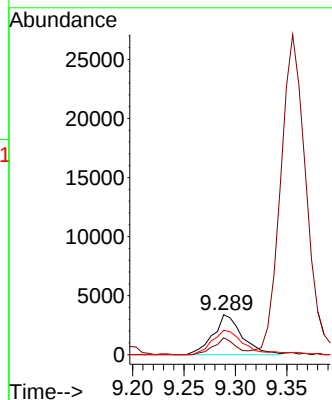
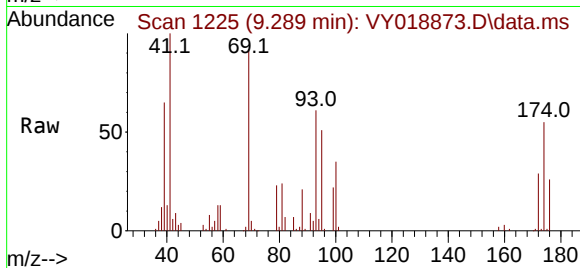
Tgt Ion: 88 Resp: 6597

Ion Ratio Lower Upper

88 100

43 32.4 0.0 0.0#

58 70.5 49.3 73.9



#50

Toluene-d8

Concen: 46.558 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018873.D

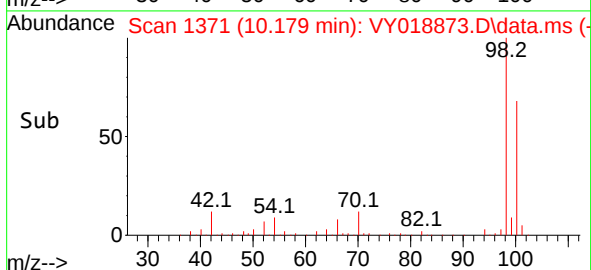
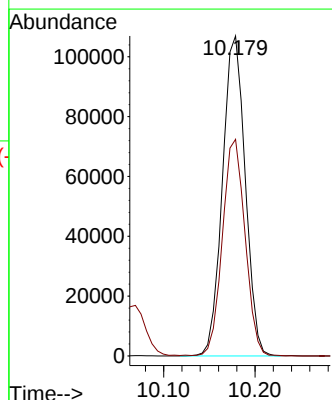
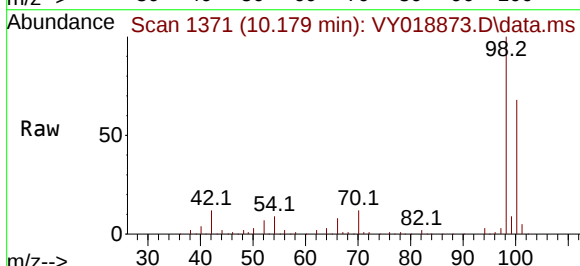
Acq: 19 Jul 2024 10:57

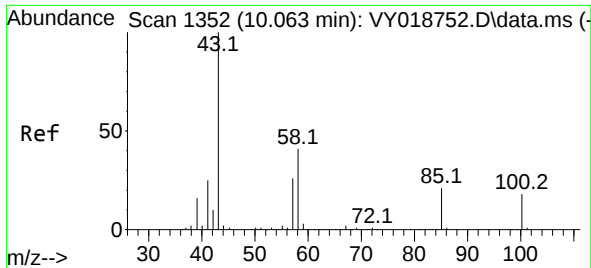
Tgt Ion: 98 Resp: 184869

Ion Ratio Lower Upper

98 100

100 67.4 52.0 78.0

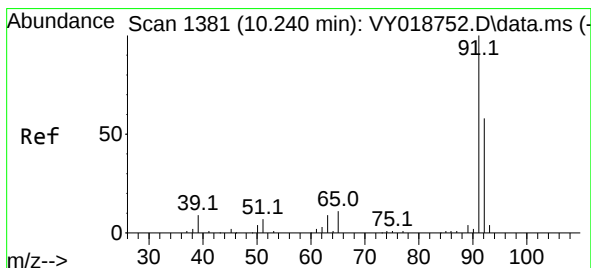
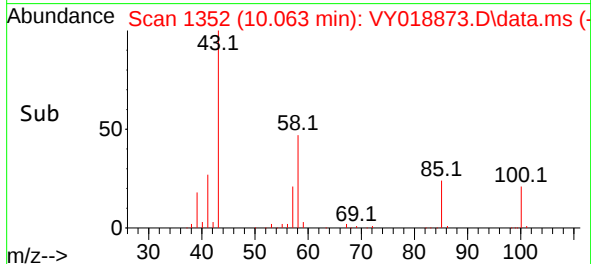
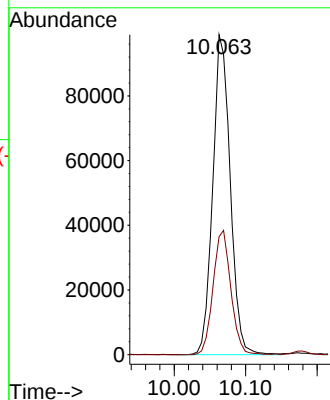
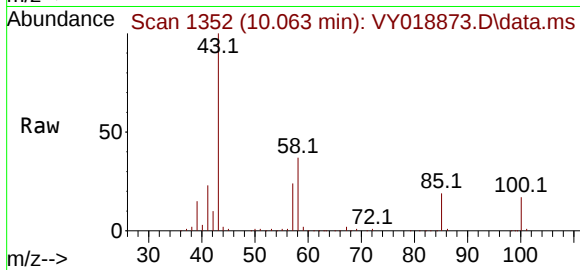




#51
4-Methyl-2-Pentanone
Concen: 274.523 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

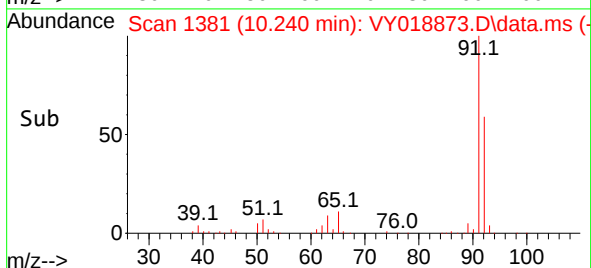
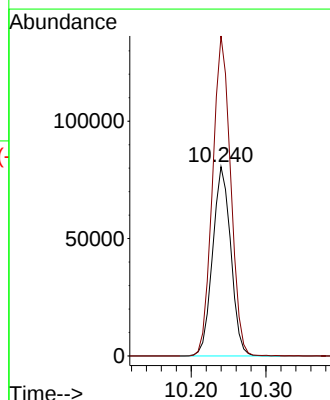
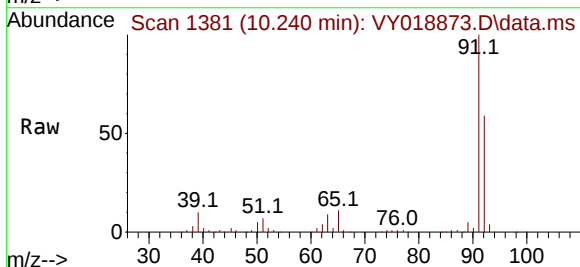
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

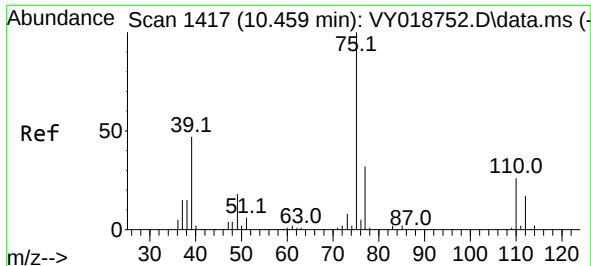
Tgt Ion: 43 Resp: 167670
Ion Ratio Lower Upper
43 100
58 39.6 35.7 53.5



#52
Toluene
Concen: 48.770 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 92 Resp: 136006
Ion Ratio Lower Upper
92 100
91 168.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 51.968 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.000 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

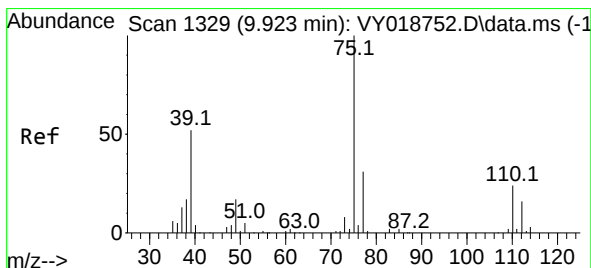
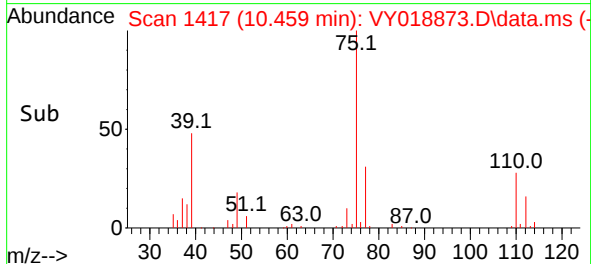
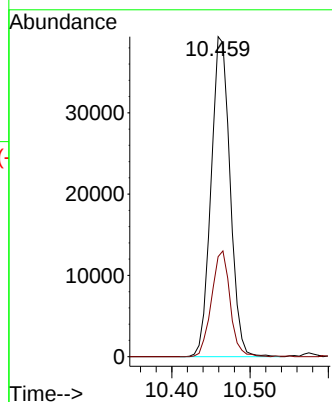
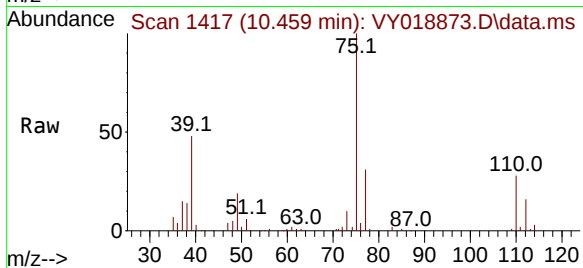
VSTDCCC050

Tgt Ion: 75 Resp: 66384

Ion Ratio Lower Upper

75 100

77 31.3 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 51.479 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

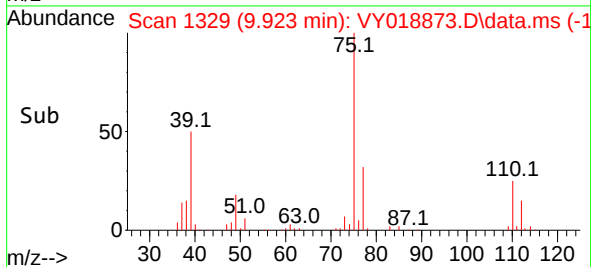
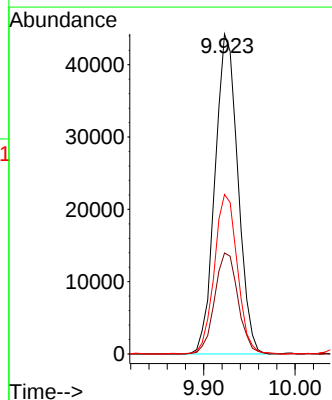
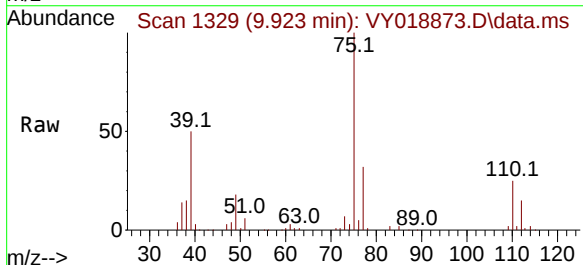
Tgt Ion: 75 Resp: 77147

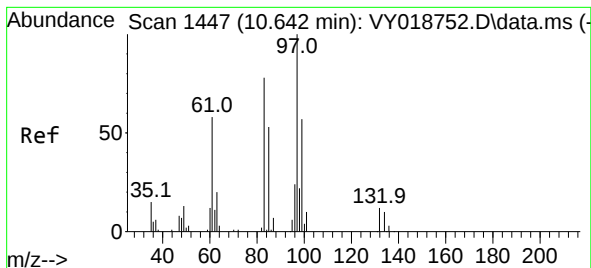
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 49.8 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 52.611 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 39456

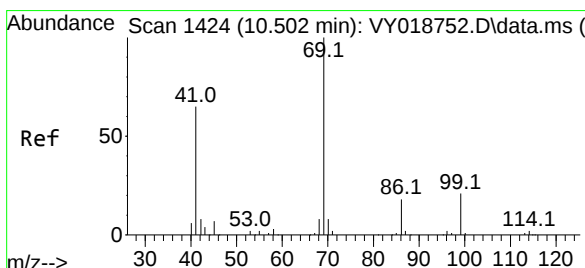
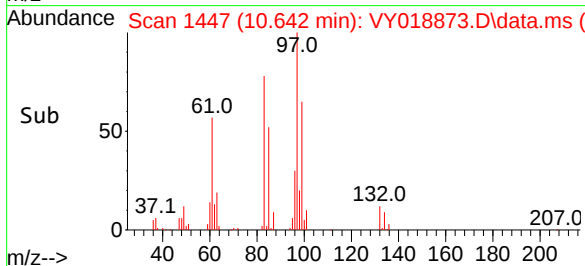
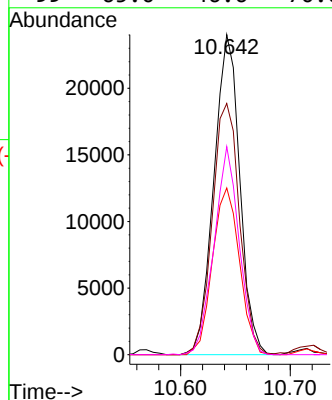
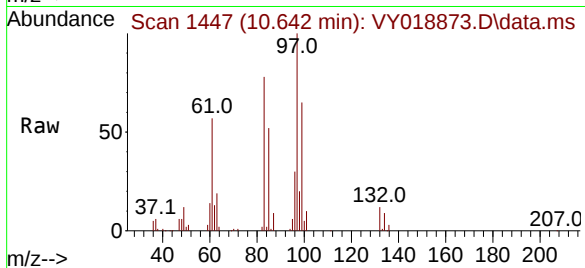
Ion Ratio Lower Upper

97 100

83 78.5 67.5 101.3

85 52.1 42.9 64.3

99 65.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 53.220 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

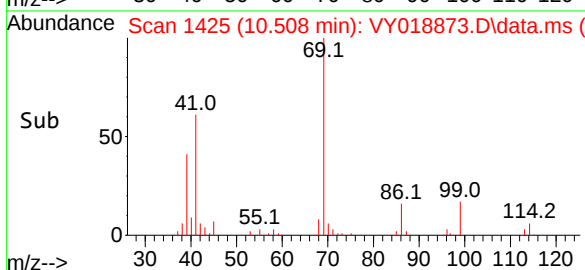
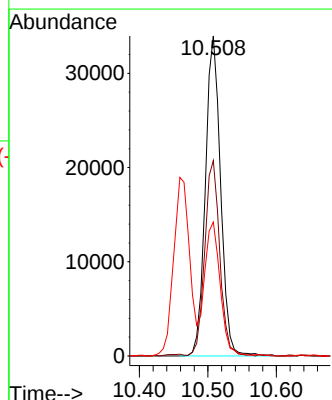
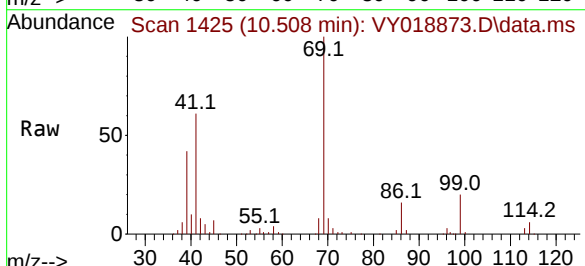
Tgt Ion: 69 Resp: 52547

Ion Ratio Lower Upper

69 100

41 60.2 42.3 63.5

39 42.9 22.9 34.3#

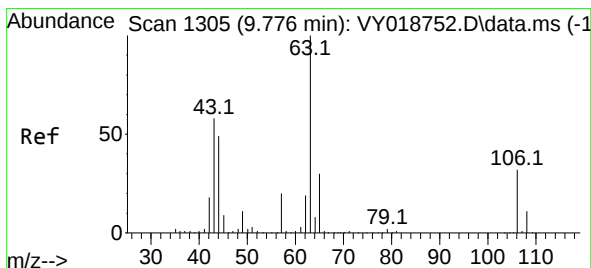
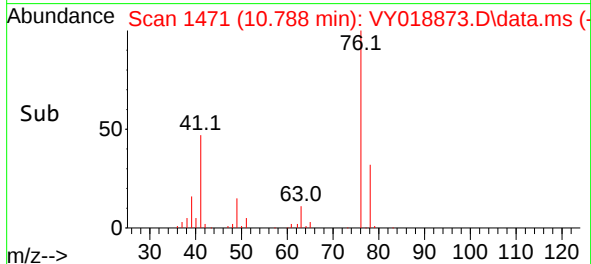
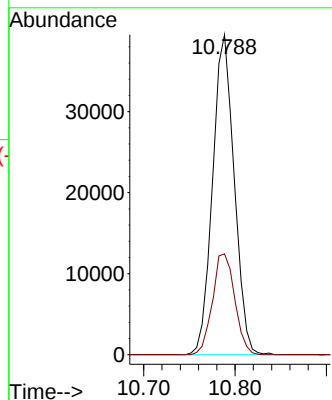
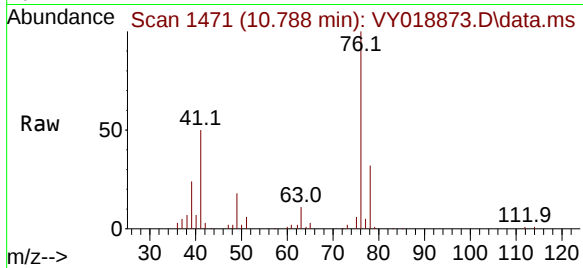




#57
1,3-Dichloropropane
Concen: 52.112 ug/l
RT: 10.788 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

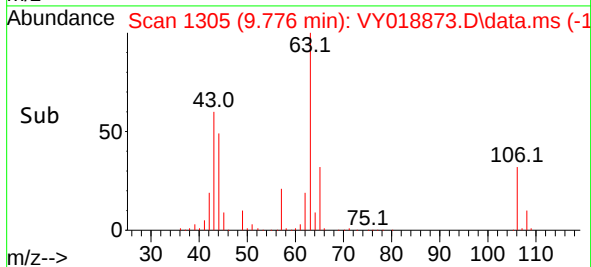
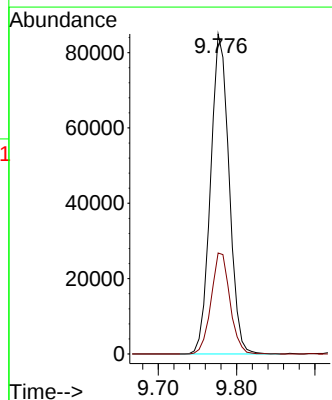
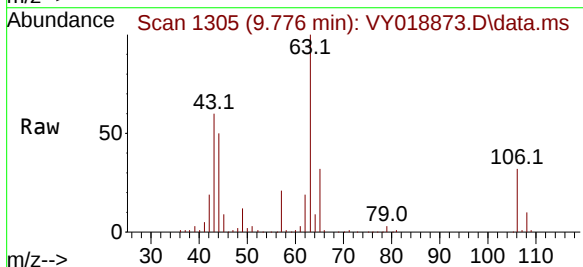
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

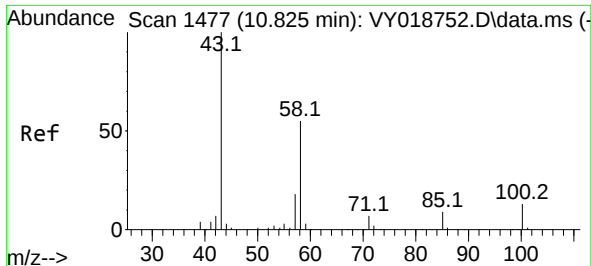
Tgt Ion: 76 Resp: 64786
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 294.859 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 63 Resp: 139089
Ion Ratio Lower Upper
63 100
106 32.1 23.7 35.5





#59

2-Hexanone

Concen: 278.700 ug/l

RT: 10.831 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

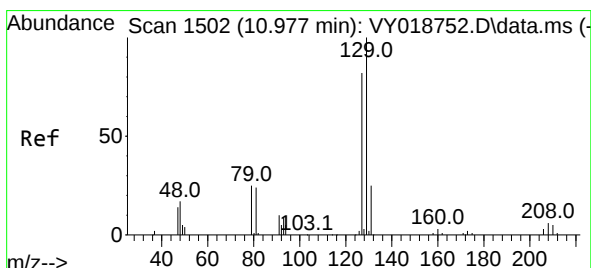
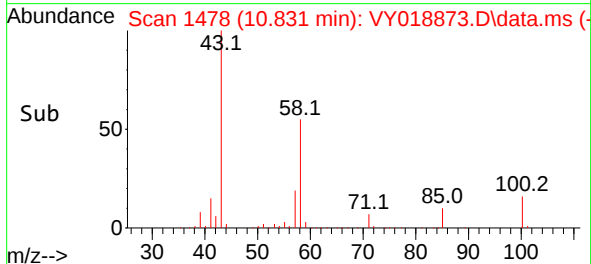
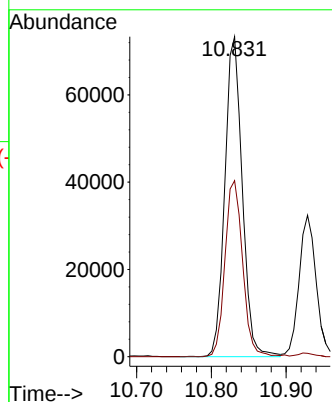
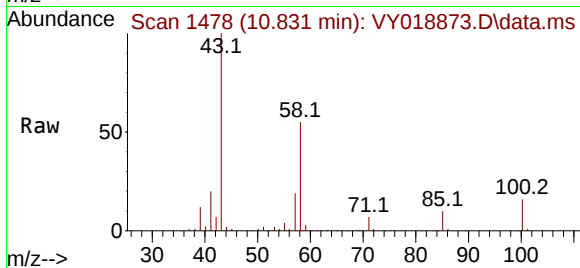
VSTDCCC050

Tgt Ion: 43 Resp: 119086

Ion Ratio Lower Upper

43 100

58 55.9 31.4 94.0



#60

Dibromochloromethane

Concen: 53.814 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.006 min

Lab File: VY018873.D

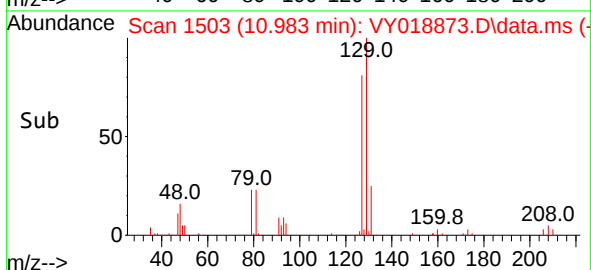
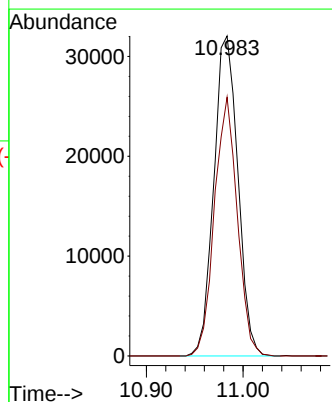
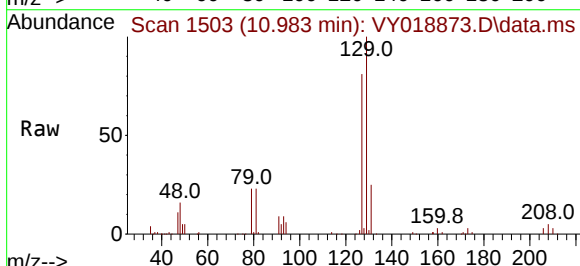
Acq: 19 Jul 2024 10:57

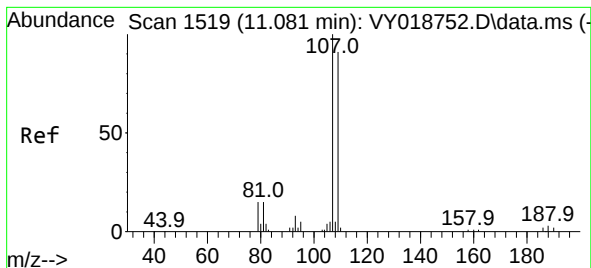
Tgt Ion:129 Resp: 55452

Ion Ratio Lower Upper

129 100

127 76.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 52.412 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

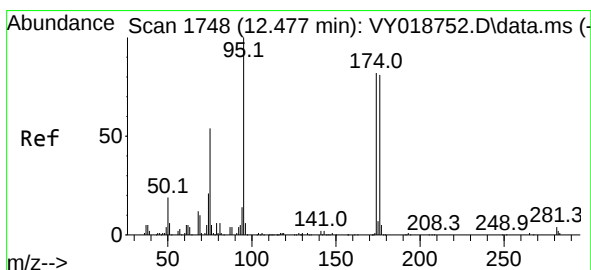
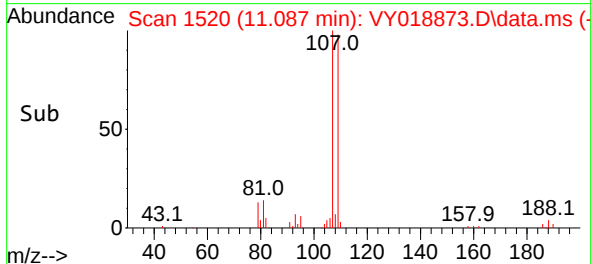
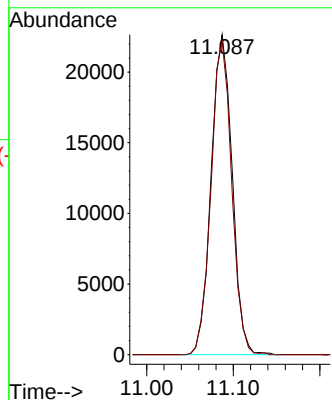
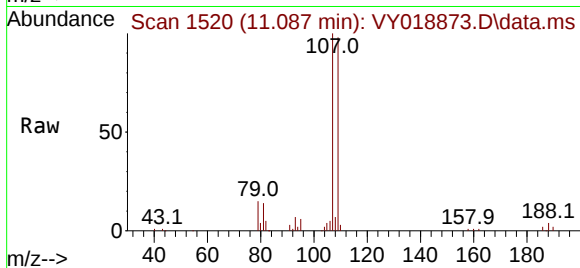
VSTDCCC050

Tgt Ion:107 Resp: 38213

Ion Ratio Lower Upper

107 100

109 96.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 46.634 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

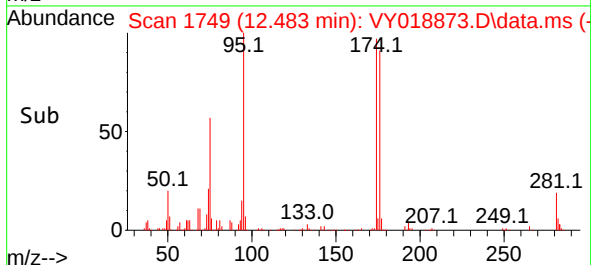
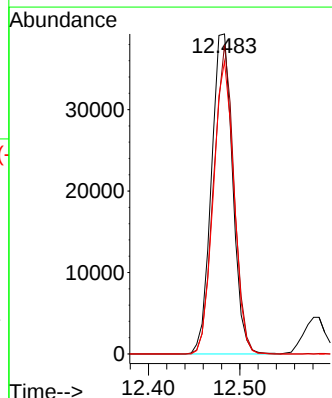
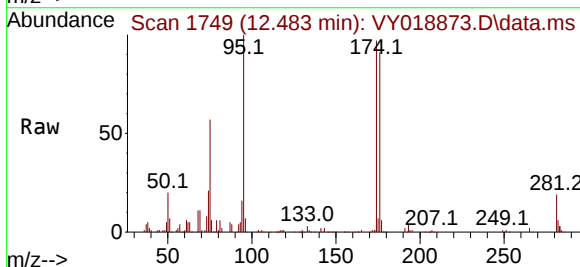
Tgt Ion: 95 Resp: 63236

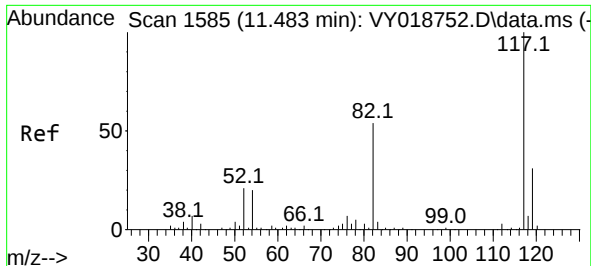
Ion Ratio Lower Upper

95 100

174 92.6 0.0 175.6

176 89.0 0.0 171.4

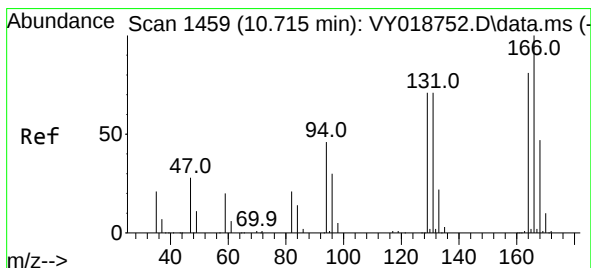
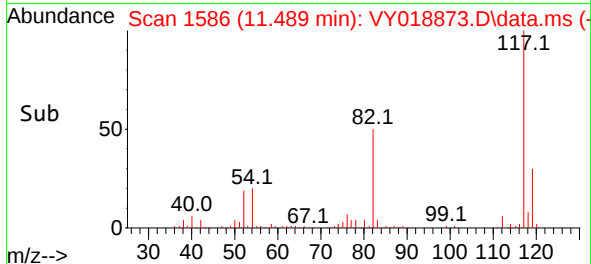
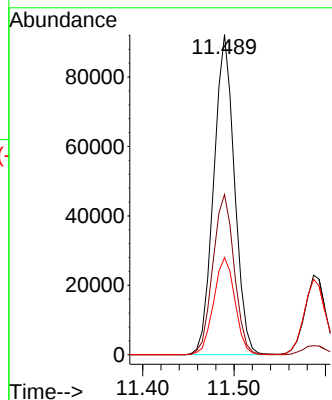
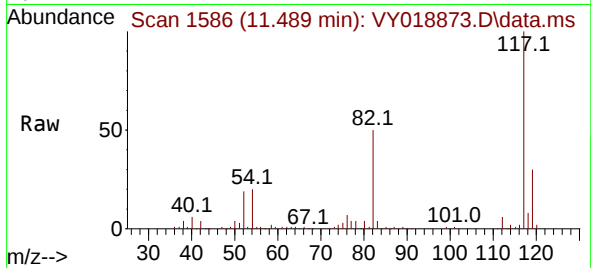




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

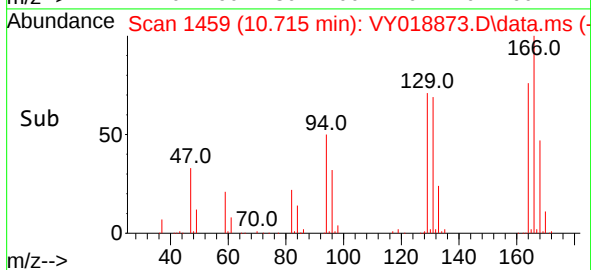
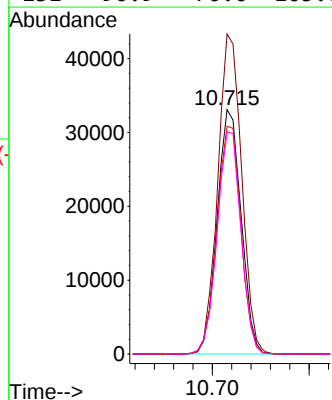
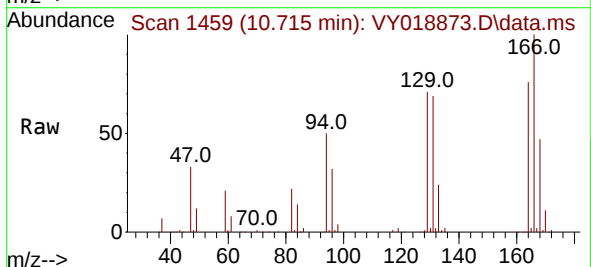
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 145595
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 30.4 25.9 38.9



#64
Tetrachloroethene
Concen: 48.187 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion:164 Resp: 56788
Ion Ratio Lower Upper
164 100
166 131.0 102.6 154.0
129 93.2 72.0 108.0
131 90.9 70.0 105.0

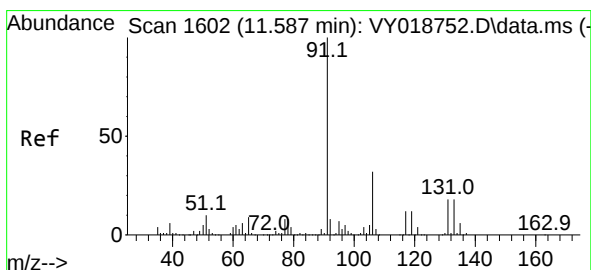
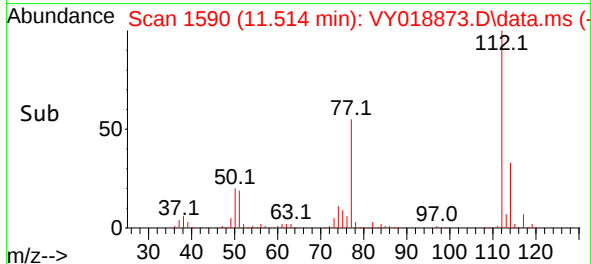
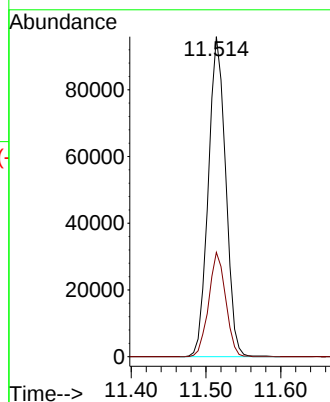
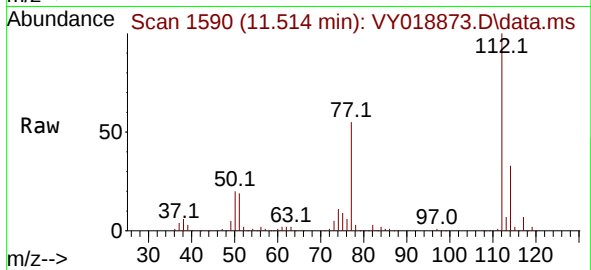




#65
Chlorobenzene
Concen: 50.510 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

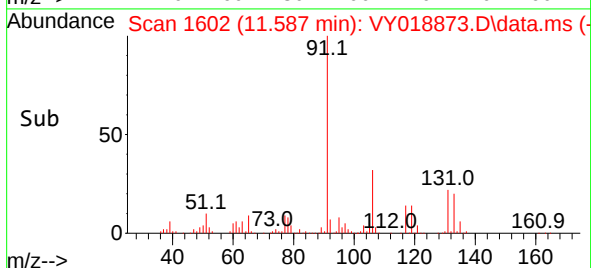
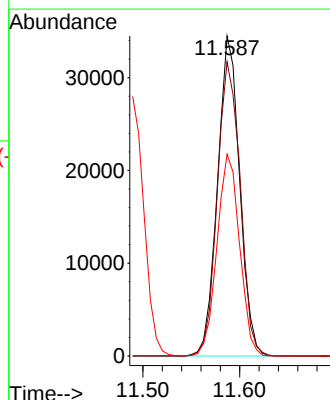
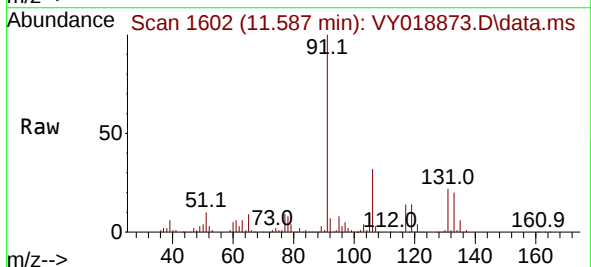
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

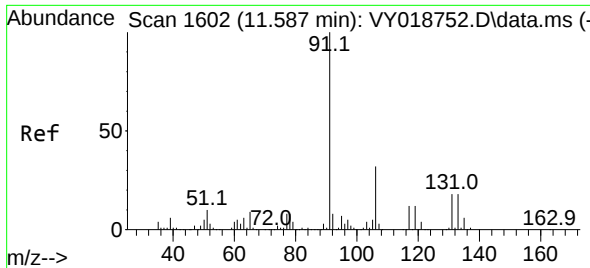
Tgt Ion:112 Resp: 155134
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.736 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion:131 Resp: 54747
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 64.4 34.1 102.2

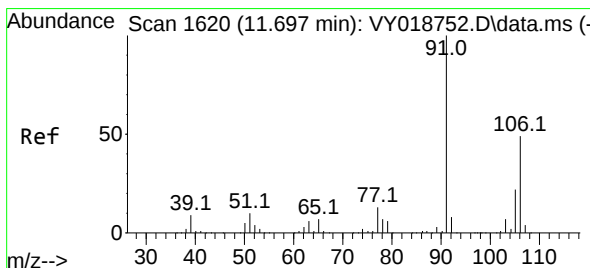
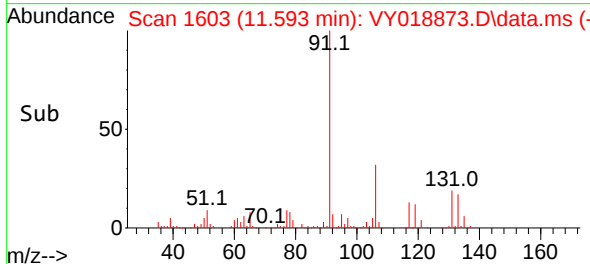
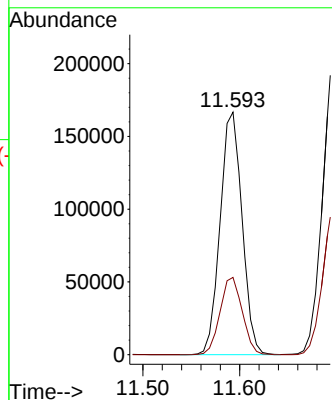
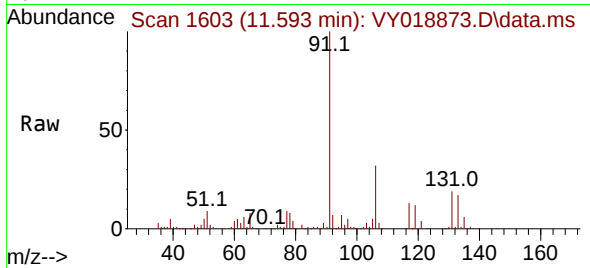




#67
Ethyl Benzene
Concen: 48.767 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

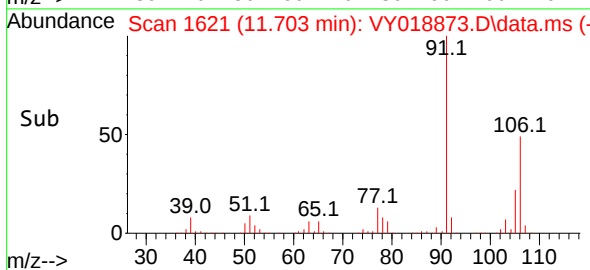
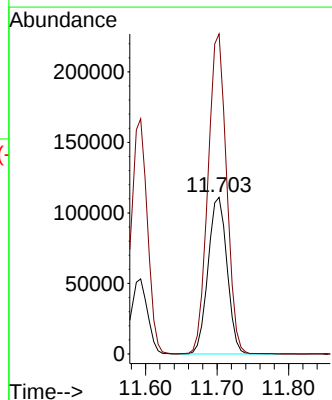
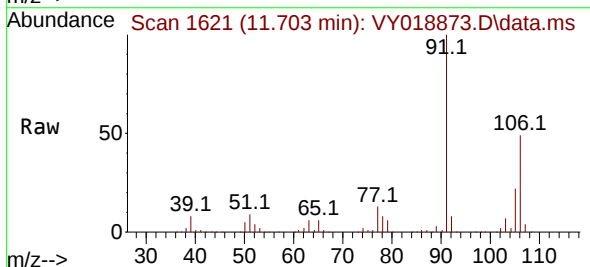
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

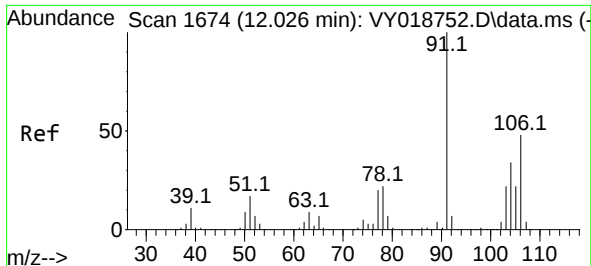
Tgt Ion: 91 Resp: 262389
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7



#68
m/p-Xylenes
Concen: 97.001 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion:106 Resp: 204806
Ion Ratio Lower Upper
106 100
91 199.7 156.0 234.0

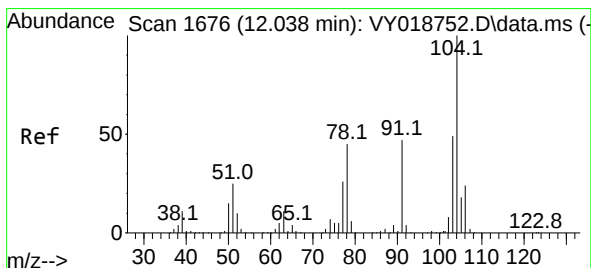
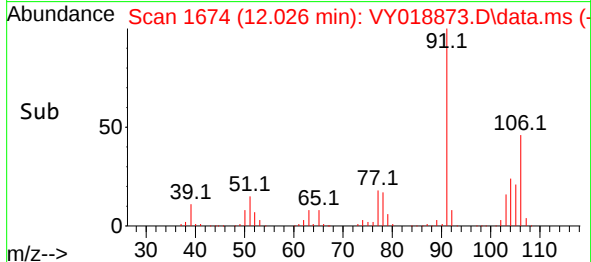
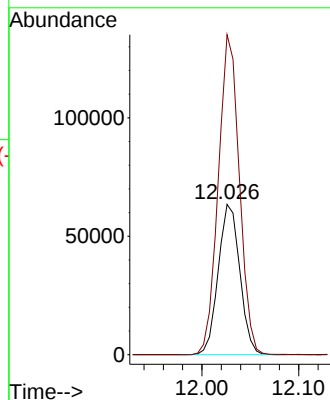
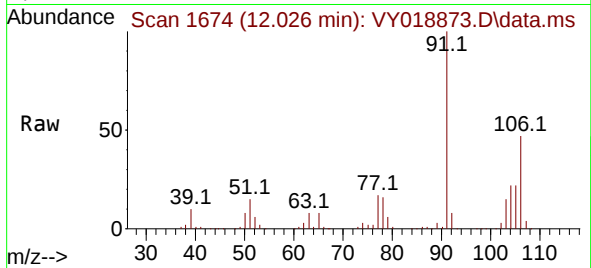




#69
o-Xylene
Concen: 49.471 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

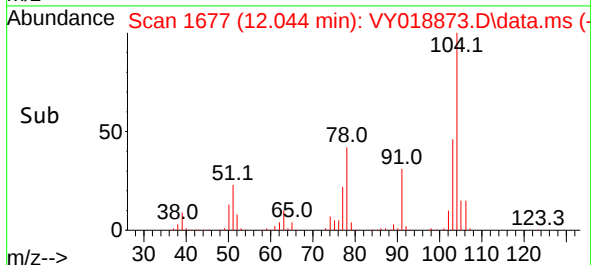
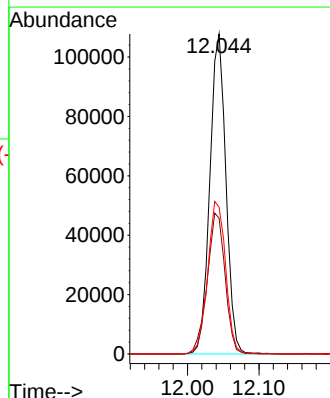
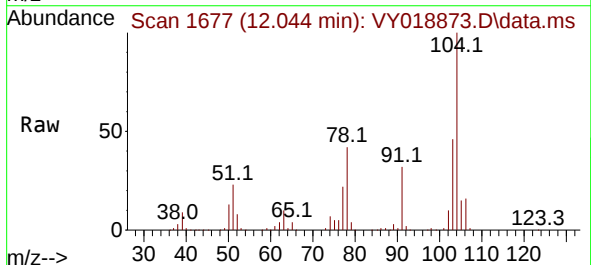
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

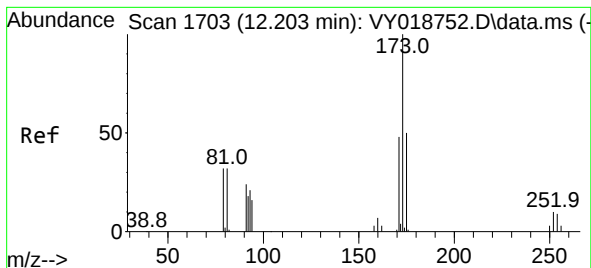
Tgt Ion:106 Resp: 98201
Ion Ratio Lower Upper
106 100
91 208.4 103.6 310.8



#70
Styrene
Concen: 50.782 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion:104 Resp: 168195
Ion Ratio Lower Upper
104 100
78 49.0 37.0 55.4
103 53.1 44.2 66.2





#71

Bromoform

Concen: 57.767 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

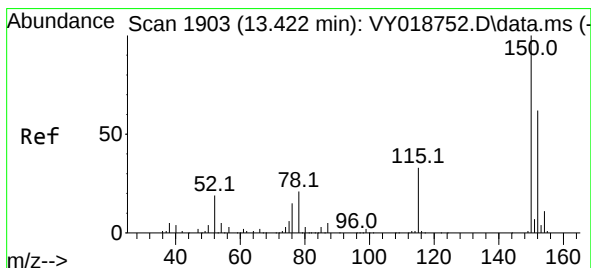
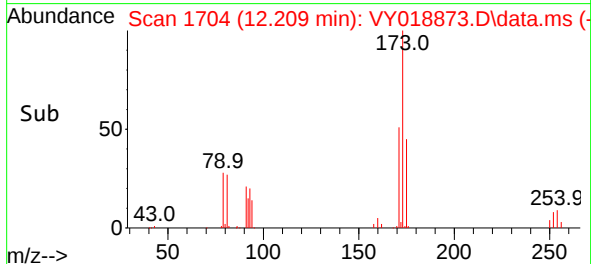
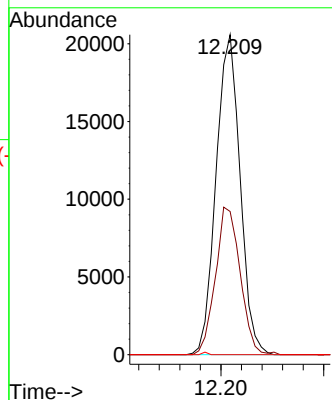
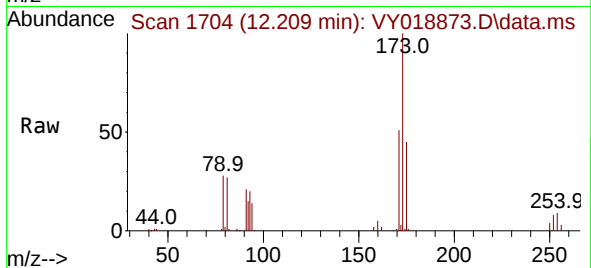
Tgt Ion:173 Resp: 33320

Ion Ratio Lower Upper

173 100

175 47.5 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: VY018873.D

Acq: 19 Jul 2024 10:57

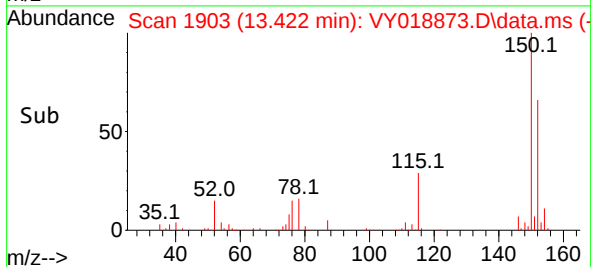
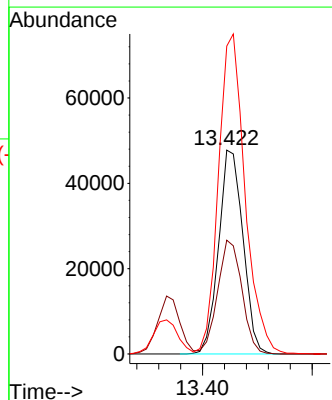
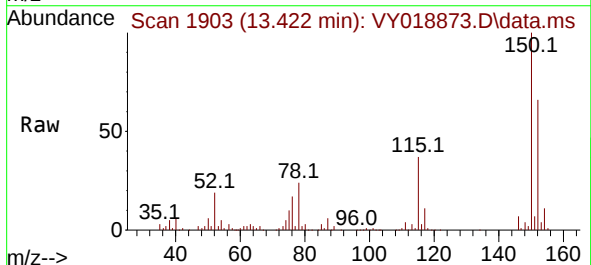
Tgt Ion:152 Resp: 73742

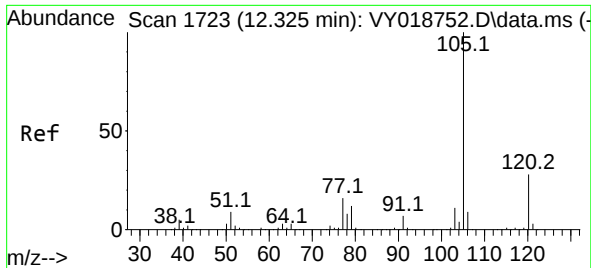
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 171.2 0.0 345.6

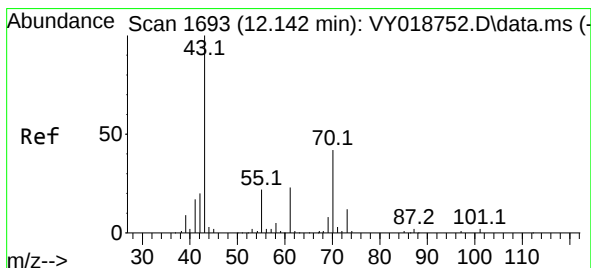
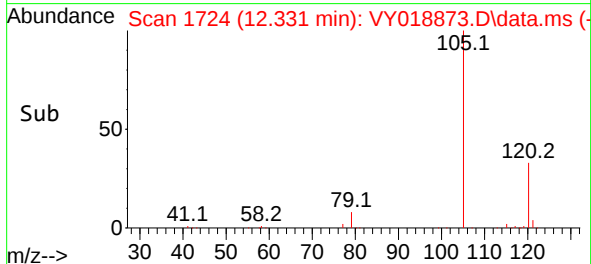
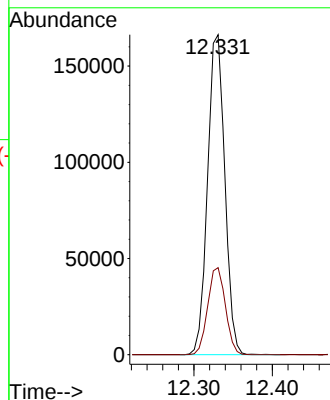
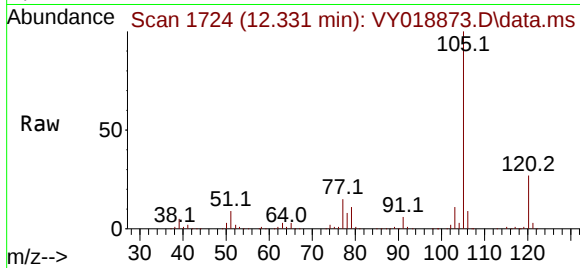




#73
Isopropylbenzene
Concen: 46.995 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

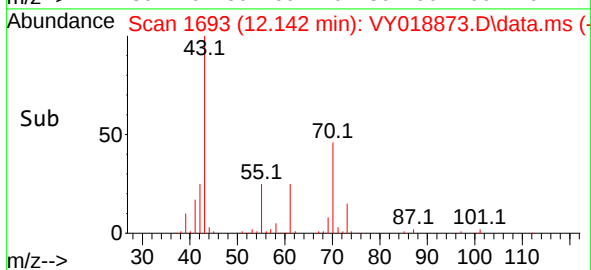
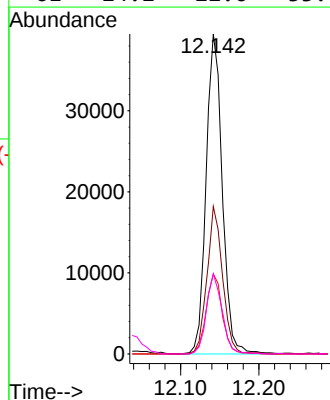
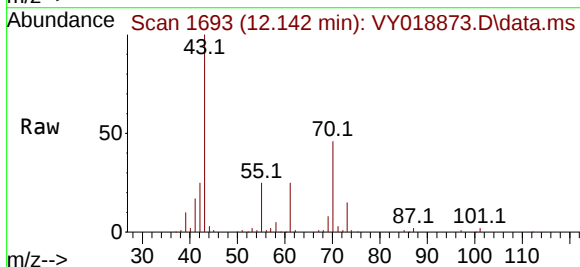
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

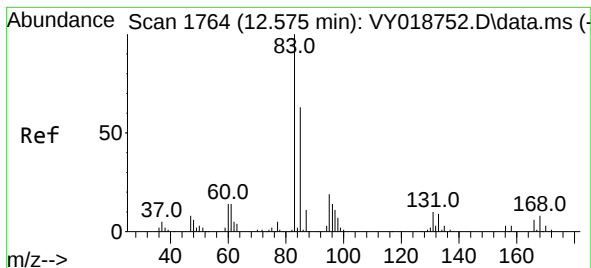
Tgt Ion:105 Resp: 253631
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.1



#74
N-ethyl acetate
Concen: 51.287 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 43 Resp: 56606
Ion Ratio Lower Upper
43 100
70 44.5 41.4 62.2
55 24.9 23.3 34.9
61 24.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.053 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

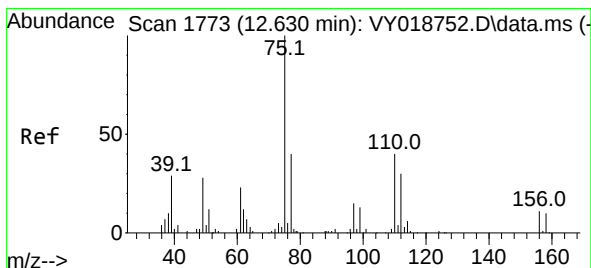
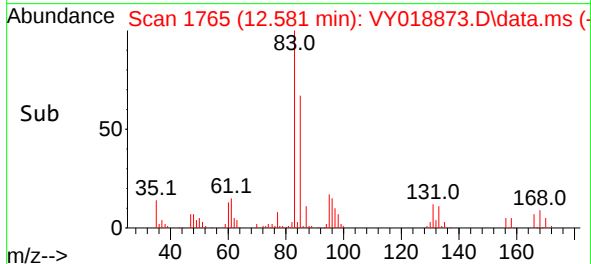
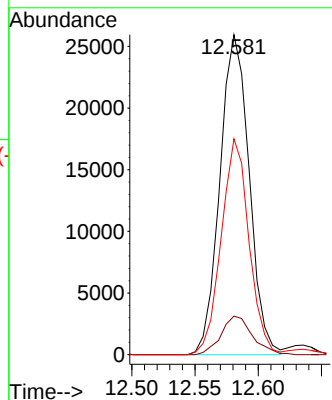
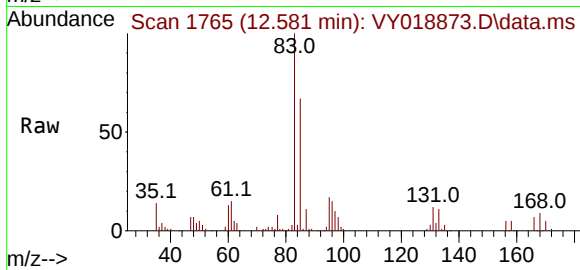
Tgt Ion: 83 Resp: 41734

Ion Ratio Lower Upper

83 100

131 12.8 5.0 14.9

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 95.553 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY018873.D

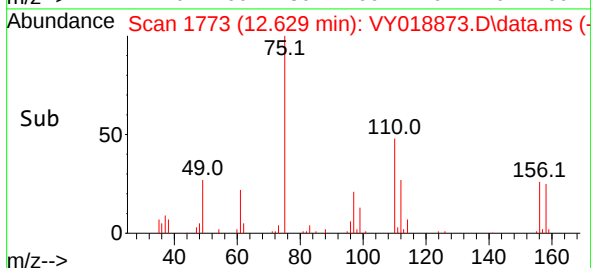
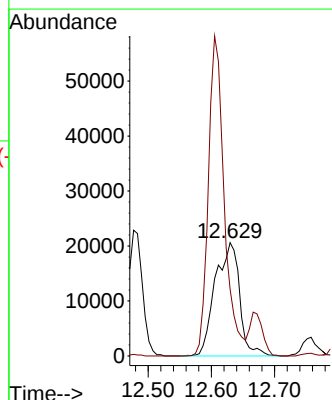
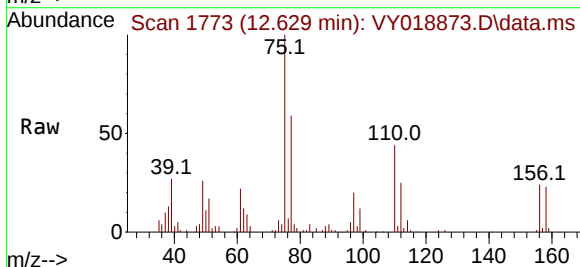
Acq: 19 Jul 2024 10:57

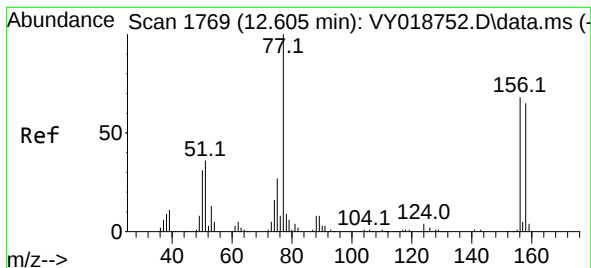
Tgt Ion: 75 Resp: 55188

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.402 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

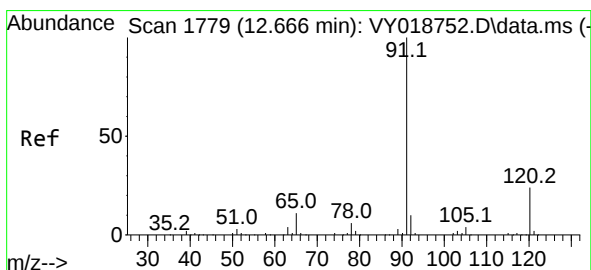
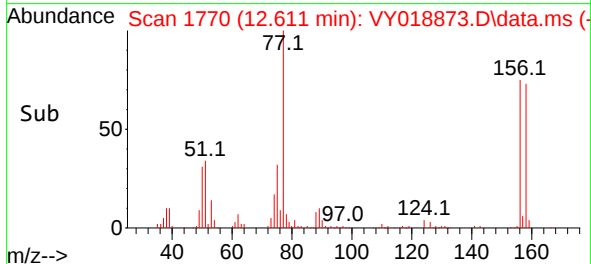
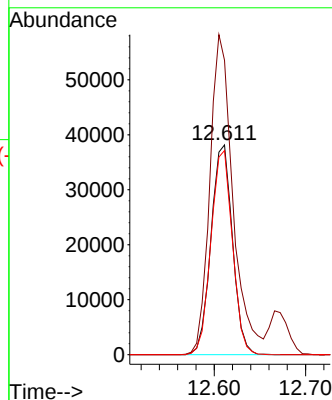
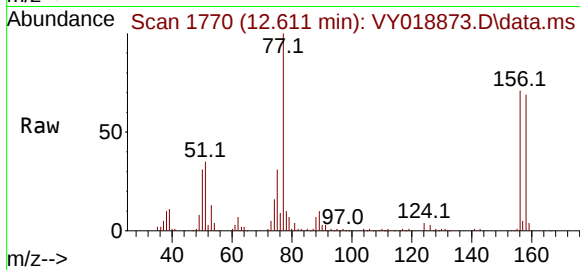
Tgt Ion:156 Resp: 62362

Ion Ratio Lower Upper

156 100

77 164.0 87.1 261.3

158 97.2 48.6 145.9



#78

n-propylbenzene

Concen: 46.575 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY018873.D

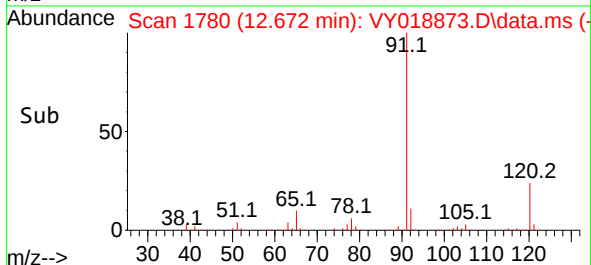
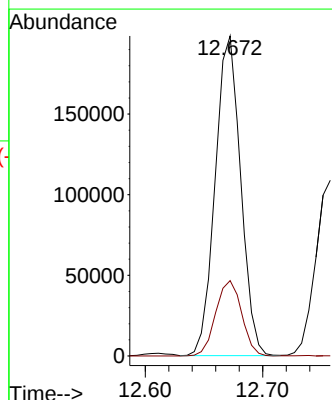
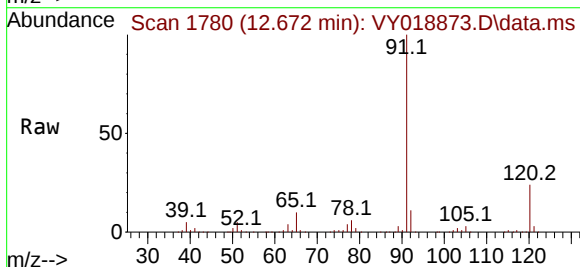
Acq: 19 Jul 2024 10:57

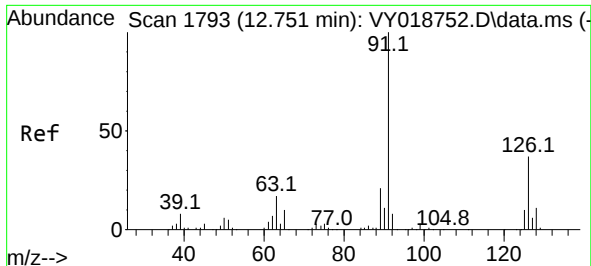
Tgt Ion: 91 Resp: 298496

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4

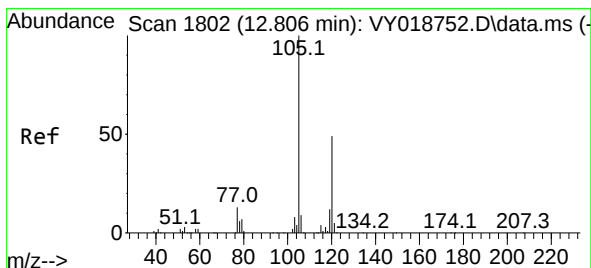
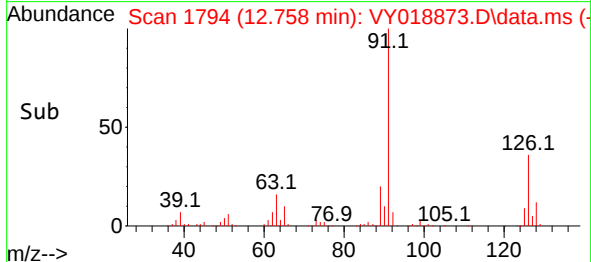
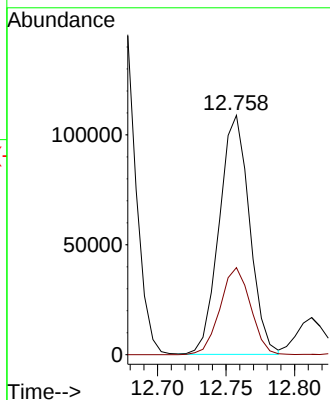
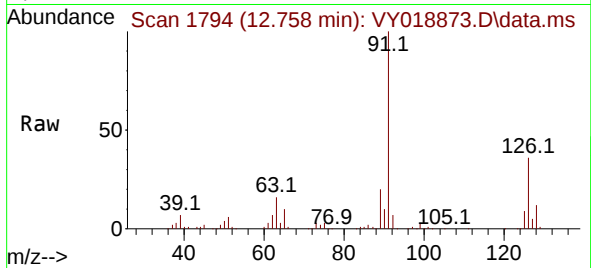




#79
2-Chlorotoluene
Concen: 46.496 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

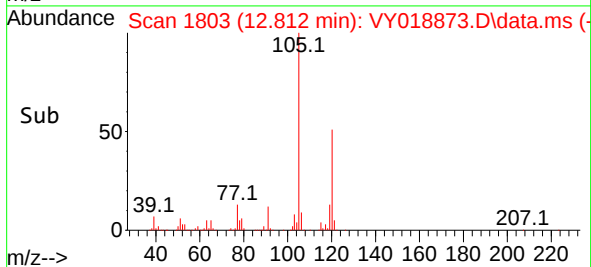
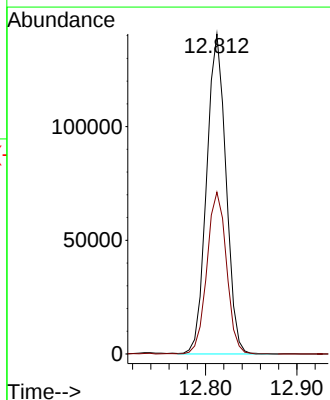
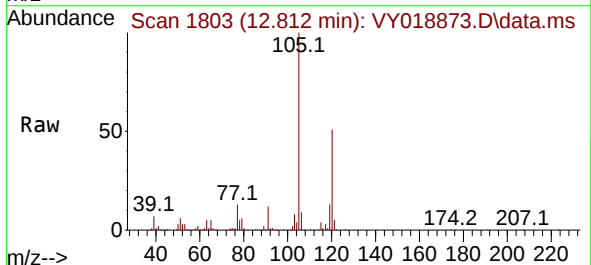
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

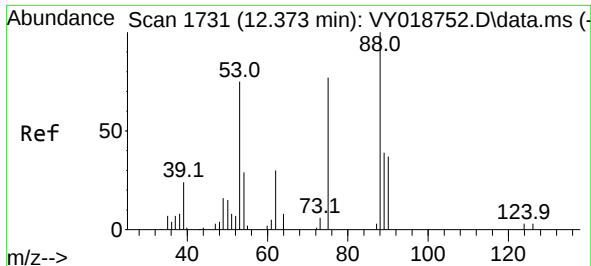
Tgt Ion: 91 Resp: 167558
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 46.729 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 105 Resp: 206350
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2

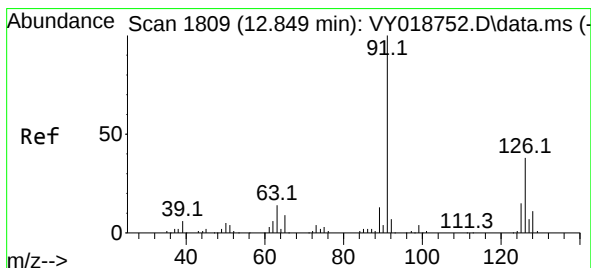
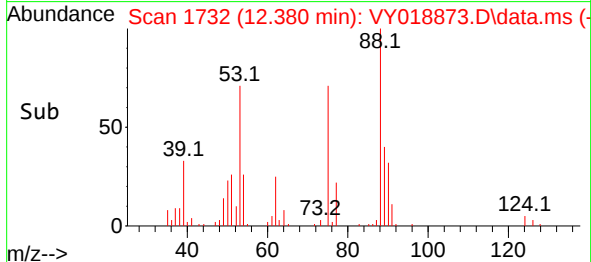
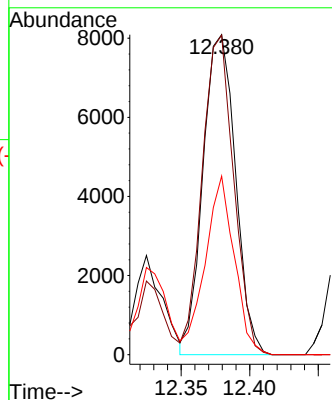
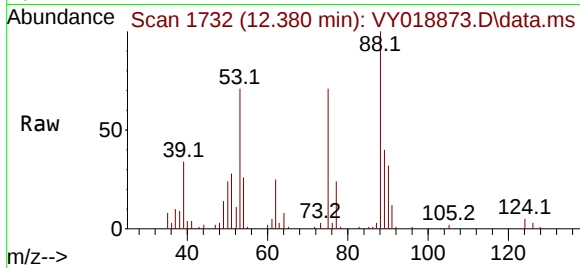




#81
trans-1,4-Dichloro-2-butene
Concen: 51.580 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

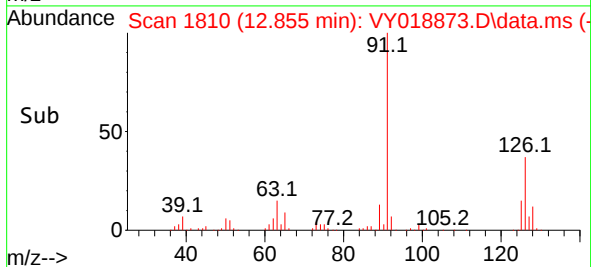
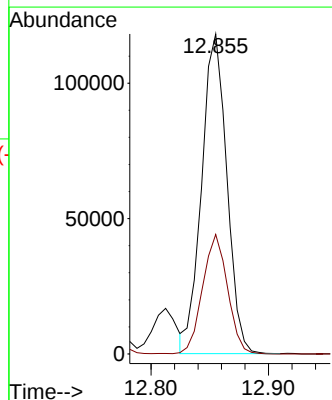
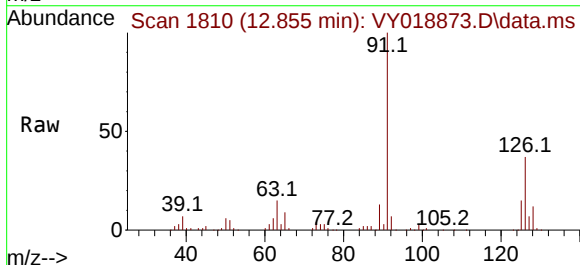
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

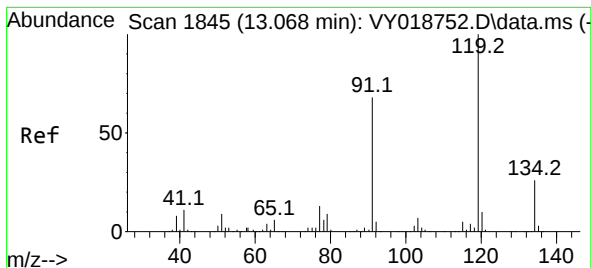
Tgt Ion:	75	Resp:	13311
Ion	Ratio	Lower	Upper
75	100		
53	96.8	66.8	100.2
89	50.1	35.8	53.6



#82
4-Chlorotoluene
Concen: 47.387 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion:	91	Resp:	175843
Ion	Ratio	Lower	Upper
91	100		
126	37.0	17.6	52.9





#83

tert-Butylbenzene

Concen: 46.621 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

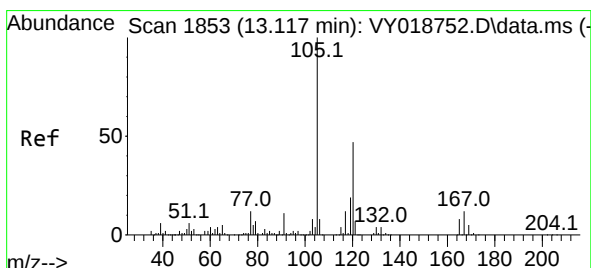
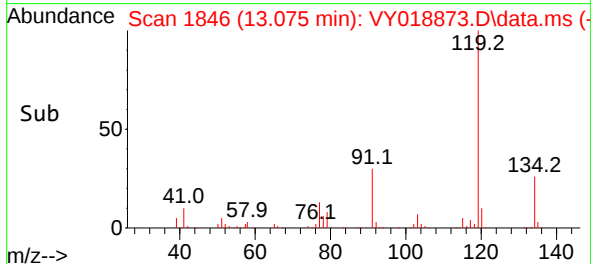
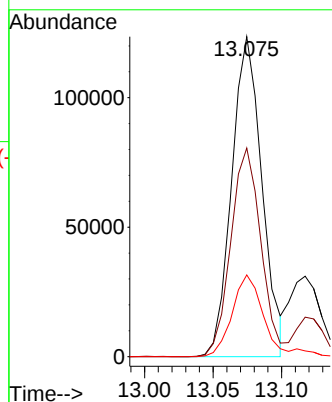
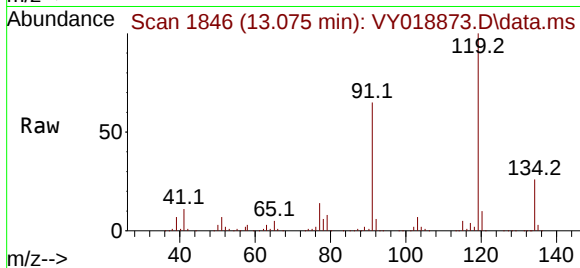
Tgt Ion:119 Resp: 190066

Ion Ratio Lower Upper

119 100

91 64.6 31.3 93.8

134 27.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 47.149 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018873.D

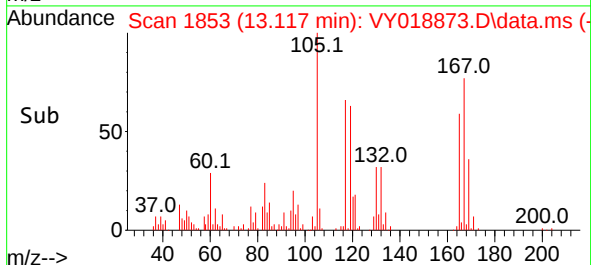
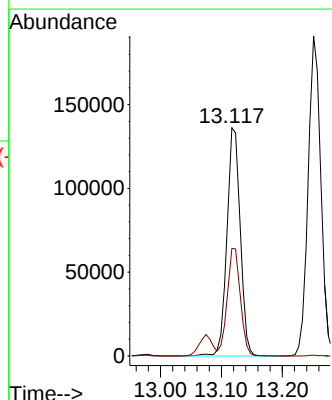
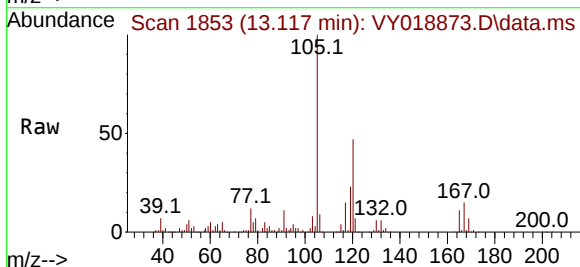
Acq: 19 Jul 2024 10:57

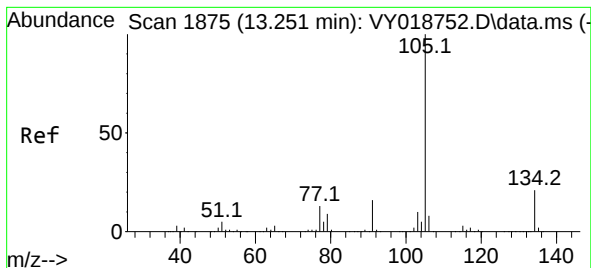
Tgt Ion:105 Resp: 206894

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 47.585 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

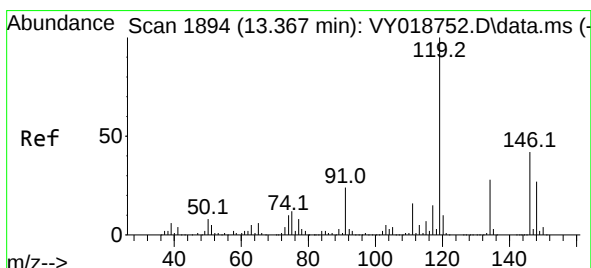
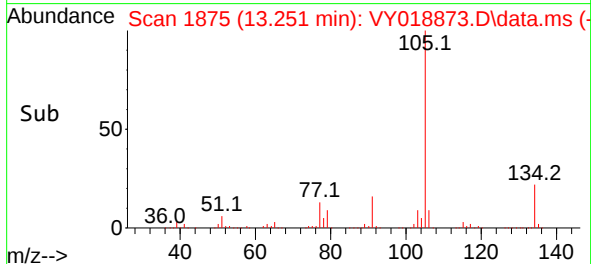
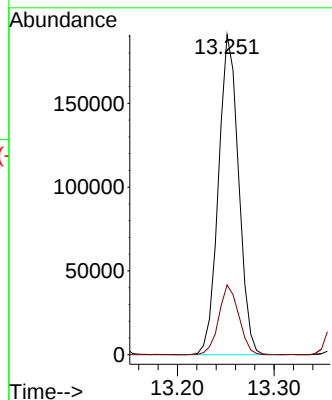
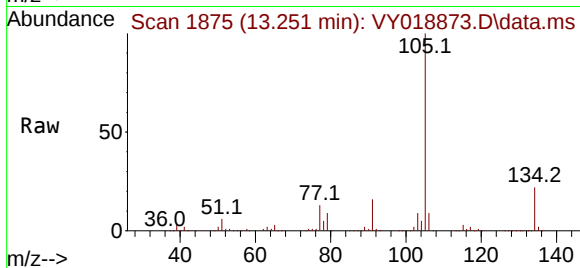
VSTDCCC050

Tgt Ion:105 Resp: 275360

Ion Ratio Lower Upper

105 100

134 21.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 47.398 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

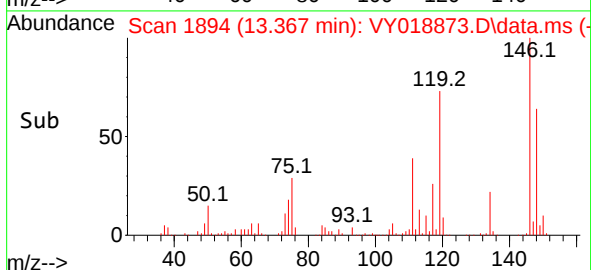
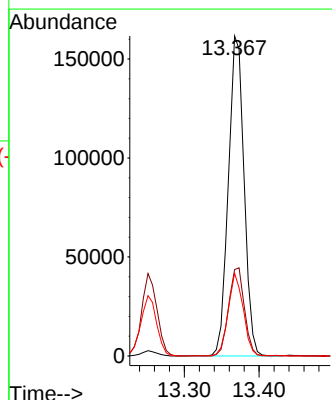
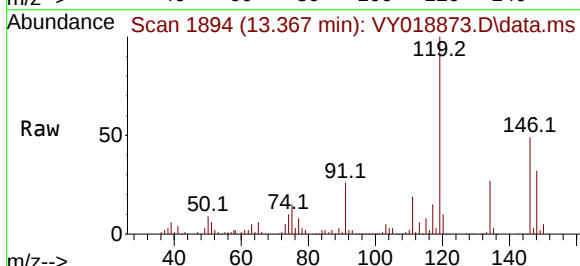
Tgt Ion:119 Resp: 236787

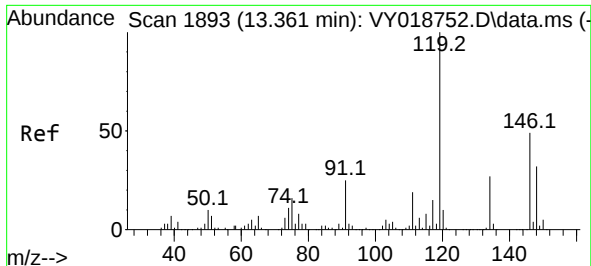
Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

91 24.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 47.631 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

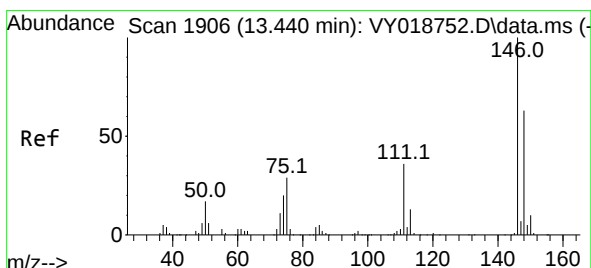
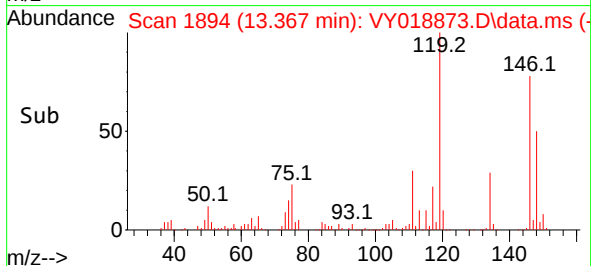
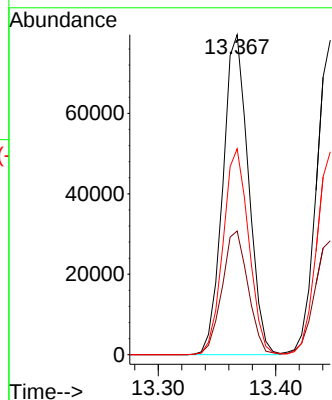
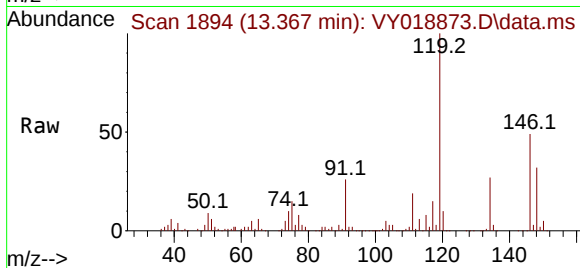
Tgt Ion:146 Resp: 120529

Ion Ratio Lower Upper

146 100

111 39.3 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.228 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

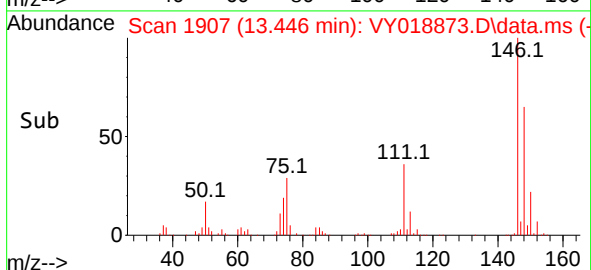
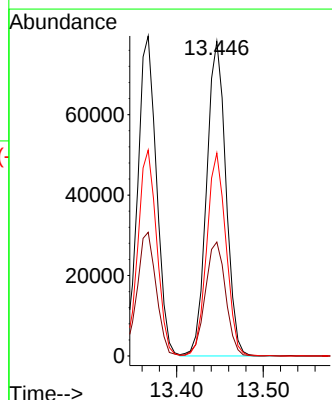
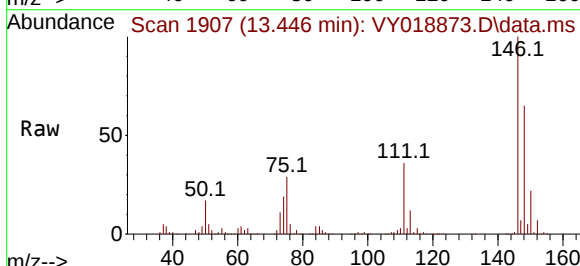
Tgt Ion:146 Resp: 120957

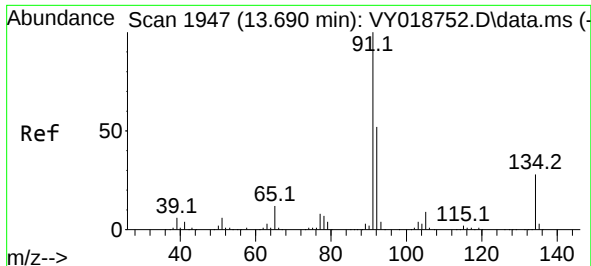
Ion Ratio Lower Upper

146 100

111 38.4 18.4 55.4

148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 46.387 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

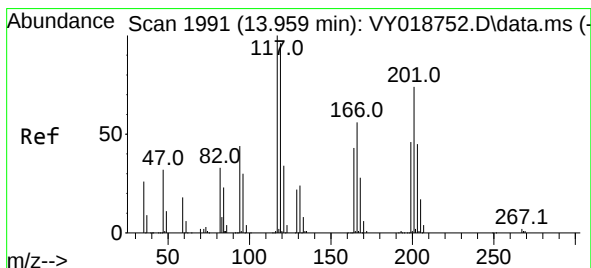
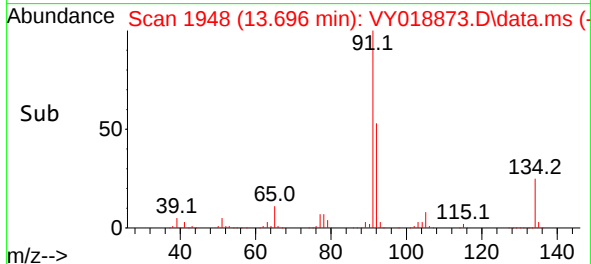
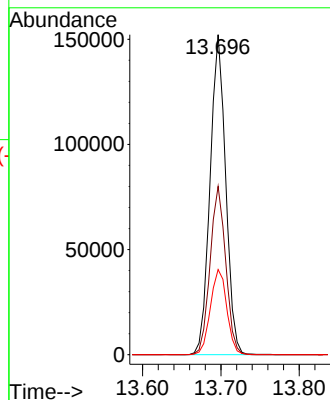
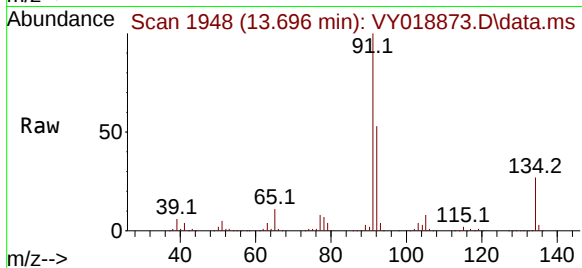
Tgt Ion: 91 Resp: 210090

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 28.0 12.9 38.7



#90

Hexachloroethane

Concen: 46.864 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018873.D

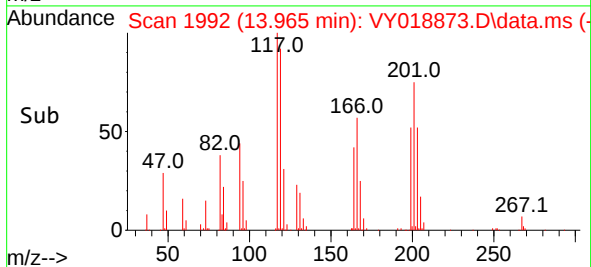
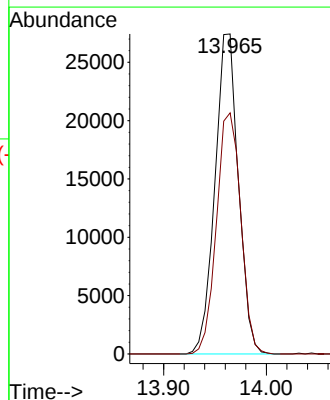
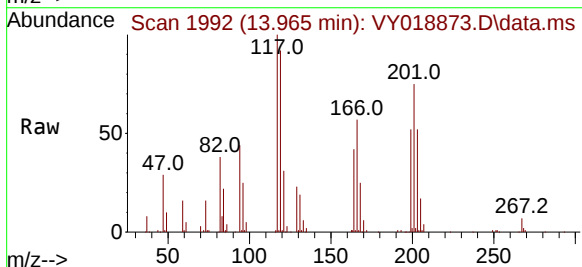
Acq: 19 Jul 2024 10:57

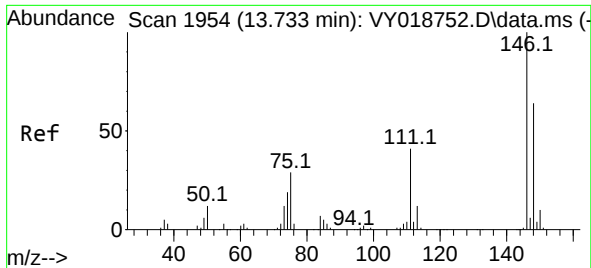
Tgt Ion: 117 Resp: 43540

Ion Ratio Lower Upper

117 100

201 77.8 37.4 112.2

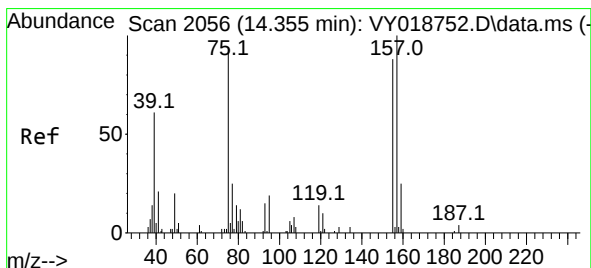
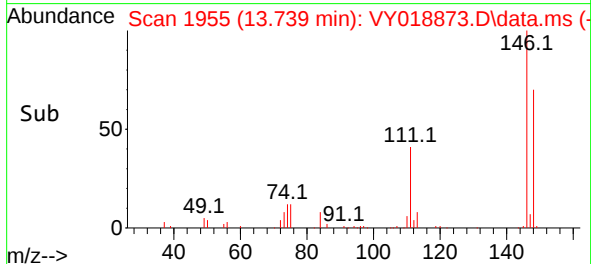
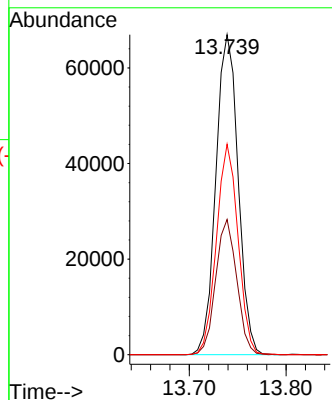
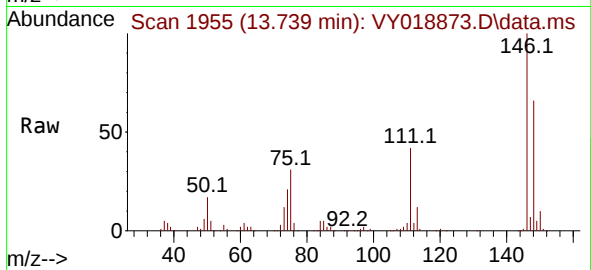




#91
1,2-Dichlorobenzene
Concen: 48.885 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

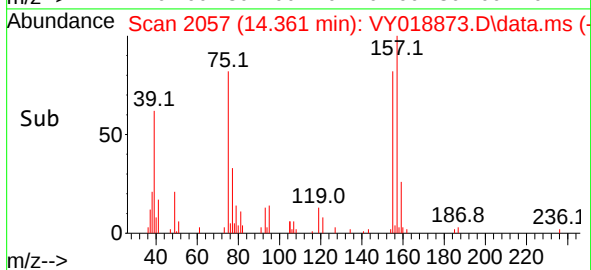
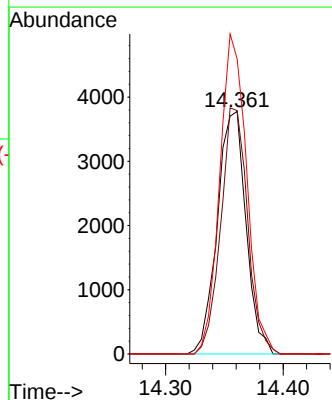
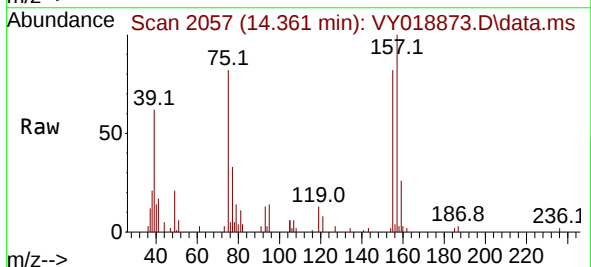
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

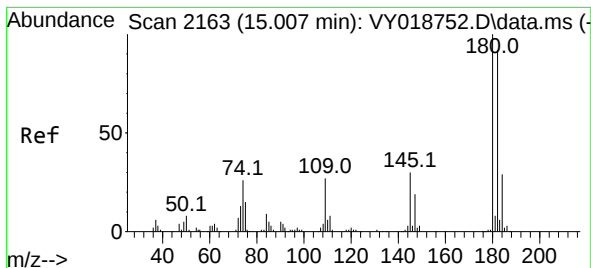
Tgt Ion:146 Resp: 106856
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.7
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.401 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY018873.D
Acq: 19 Jul 2024 10:57

Tgt Ion: 75 Resp: 6397
Ion Ratio Lower Upper
75 100
155 95.1 48.6 145.8
157 123.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.582 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

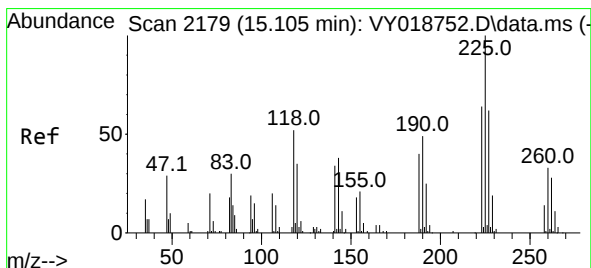
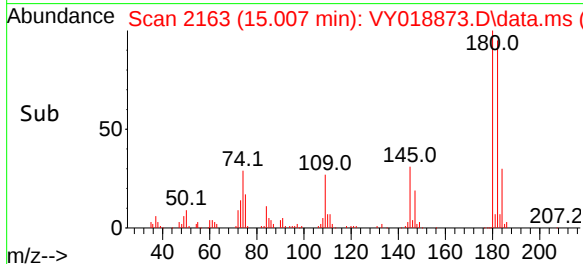
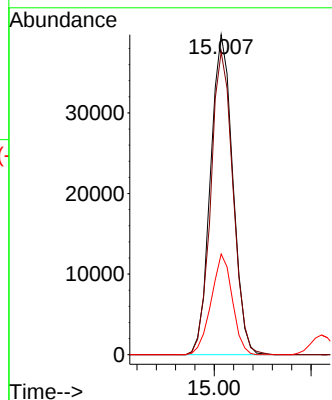
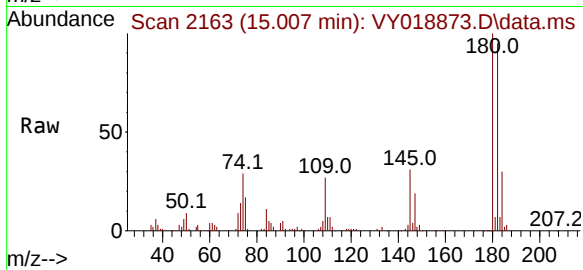
Tgt Ion:180 Resp: 63491

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 29.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.610 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

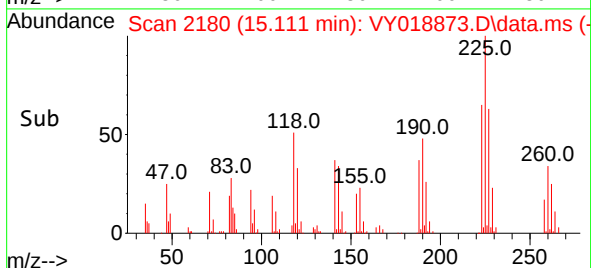
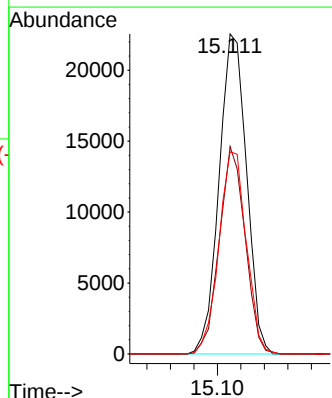
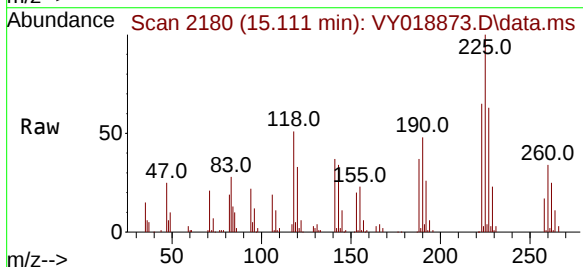
Tgt Ion:225 Resp: 36618

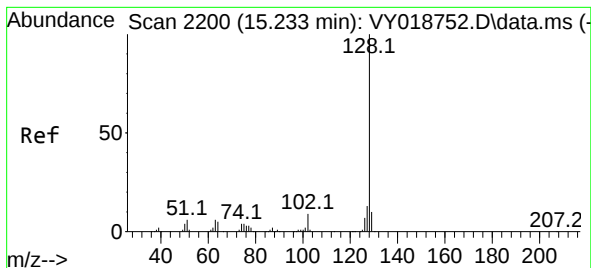
Ion Ratio Lower Upper

225 100

223 60.9 30.4 91.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 48.196 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

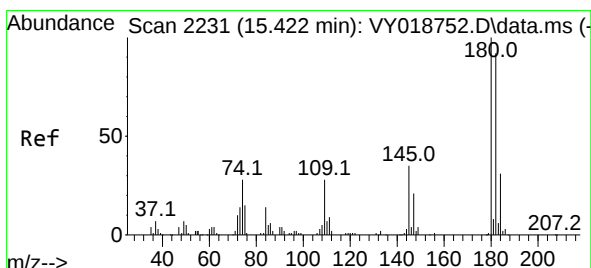
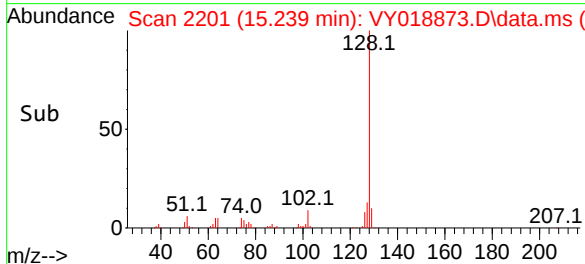
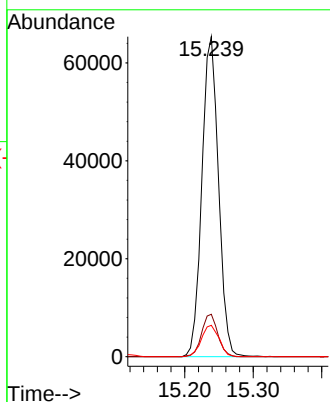
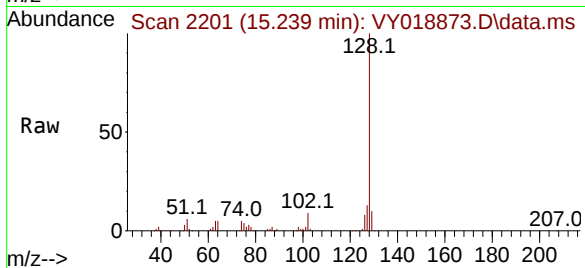
Tgt Ion:128 Resp: 110325

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.073 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018873.D

Acq: 19 Jul 2024 10:57

Tgt Ion:180 Resp: 52601

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.9

145 33.0 15.4 46.1

