

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016013.D
 Acq On : 18 Oct 2023 10:28
 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: Oct 18 10:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	230294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	371365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	334771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118228	44.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.960%
35) Dibromofluoromethane	7.722	113	115169	49.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.185	98	420950	48.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.160%
62) 4-Bromofluorobenzene	12.489	95	148673	47.688	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	91361	47.412	ug/l	98
3) Chloromethane	2.119	50	113955	37.055	ug/l	98
4) Vinyl Chloride	2.259	62	126128	51.167	ug/l	95
5) Bromomethane	2.656	94	91280	65.467	ug/l	100
6) Chloroethane	2.802	64	82910	52.046	ug/l	97
7) Trichlorofluoromethane	3.131	101	188455	45.073	ug/l	100
8) Diethyl Ether	3.540	74	66939	42.837	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.906	101	109501	46.059	ug/l	95
10) Methyl Iodide	4.101	142	153043	55.982	ug/l	96
11) Tert butyl alcohol	4.966	59	65746	43.115	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	103121	46.044	ug/l	91
13) Acrolein	3.735	56	69817	140.649	ug/l	97
14) Allyl chloride	4.491	41	163498	45.177	ug/l	95
15) Acrylonitrile	5.174	53	179722	130.556	ug/l	98
16) Acetone	3.954	43	195748	128.212	ug/l	91
17) Carbon Disulfide	4.204	76	308156	45.016	ug/l	98
18) Methyl Acetate	4.485	43	136633	25.800	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	326417	43.477	ug/l	98
20) Methylene Chloride	4.722	84	122377	41.257	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	122665	46.857	ug/l	92
22) Diisopropyl ether	6.125	45	355340	47.283	ug/l	93
23) Vinyl Acetate	6.070	43	1063002	215.006	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	209623	46.881	ug/l	96
25) 2-Butanone	6.990	43	263341	118.512	ug/l	94
26) 2,2-Dichloropropane	6.984	77	191095	51.467	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	140669	47.789	ug/l	93
28) Bromochloromethane	7.338	49	84154	42.174	ug/l	91
29) Tetrahydrofuran	7.356	42	159479	104.702	ug/l	89
30) Chloroform	7.515	83	222793	48.005	ug/l	98
31) Cyclohexane	7.789	56	179385	42.875	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	198316	48.046	ug/l	97
36) 1,1-Dichloropropene	7.923	75	170418	48.309	ug/l	98
37) Ethyl Acetate	7.082	43	107221	19.699	ug/l #	94
38) Carbon Tetrachloride	7.905	117	183232	49.321	ug/l	99
39) Methylcyclohexane	9.191	83	209080	46.196	ug/l	91
40) Benzene	8.167	78	487439	47.756	ug/l	100

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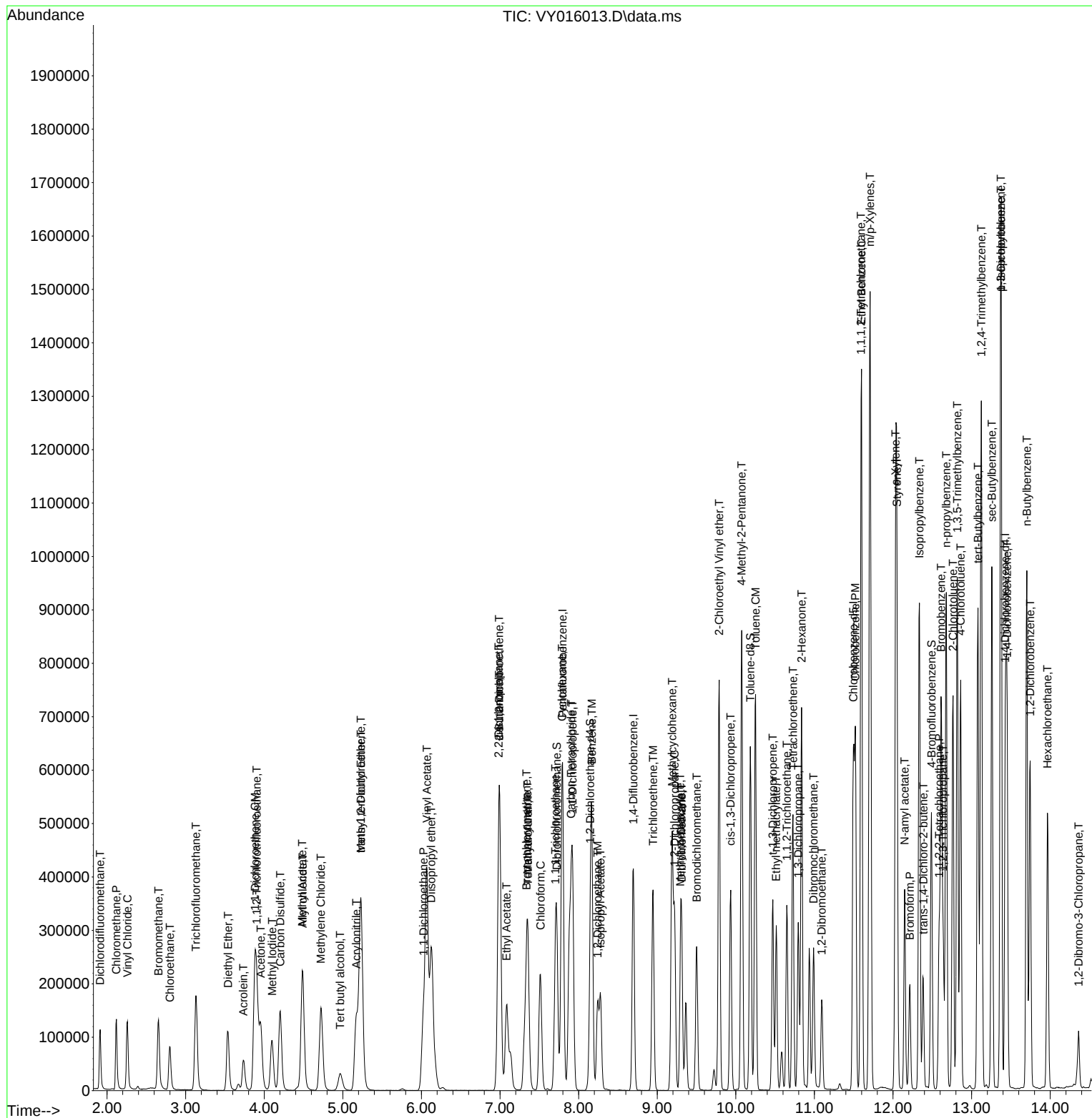
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	144780	80.672	ug/l #	28
42) 1,2-Dichloroethane	8.240	62	150364	45.912	ug/l	93
43) Isopropyl Acetate	8.277	43	196298	33.569	ug/l	95
44) Trichloroethene	8.947	130	135226	42.991	ug/l	97
45) 1,2-Dichloropropane	9.222	63	122121	46.889	ug/l	97
46) Dibromomethane	9.313	93	76755	41.926	ug/l	97
47) Bromodichloromethane	9.502	83	175110	47.368	ug/l	99
48) Methyl methacrylate	9.295	41	91769	35.530	ug/l	89
49) 1,4-Dioxane	9.307	88	22278	436.357	ug/l #	53
51) 4-Methyl-2-Pentanone	10.075	43	541073	125.556	ug/l	91
52) Toluene	10.252	92	314475	48.190	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	188530	45.484	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	208029	46.688	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	106565	40.885	ug/l	96
56) Ethyl methacrylate	10.514	69	154111	37.769	ug/l #	86
57) 1,3-Dichloropropane	10.795	76	181329	41.008	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	331048	184.887	ug/l	92
59) 2-Hexanone	10.837	43	411242	111.794	ug/l	89
60) Dibromochloromethane	10.990	129	129691	43.755	ug/l	100
61) 1,2-Dibromoethane	11.093	107	106434	37.739	ug/l	100
64) Tetrachloroethene	10.727	164	114483	39.229	ug/l	97
65) Chlorobenzene	11.520	112	339965	48.467	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	129037	49.696	ug/l	99
67) Ethyl Benzene	11.599	91	609982	49.734	ug/l	99
68) m/p-Xylenes	11.709	106	475755	100.513	ug/l	94
69) o-Xylene	12.032	106	225610	49.856	ug/l	97
70) Styrene	12.050	104	385893	50.107	ug/l	96
71) Bromoform	12.215	173	86783	39.247	ug/l #	100
73) Isopropylbenzene	12.337	105	595491	49.936	ug/l	100
74) N-amyl acetate	12.148	43	177449	36.834	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	135719	37.053	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	173967	52.771	ug/l #	100
77) Bromobenzene	12.611	156	141603	47.301	ug/l	99
78) n-propylbenzene	12.678	91	717749	49.496	ug/l	99
79) 2-Chlorotoluene	12.764	91	402481	49.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	498389	50.306	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	47152	33.694	ug/l	95
82) 4-Chlorotoluene	12.861	91	423412	50.229	ug/l	100
83) tert-Butylbenzene	13.081	119	437815	50.291	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	492648	49.538	ug/l	99
85) sec-Butylbenzene	13.258	105	639347	49.485	ug/l	99
86) p-Isopropyltoluene	13.373	119	537935	49.824	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	280632	48.814	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	277269	47.760	ug/l	100
89) n-Butylbenzene	13.703	91	504850	49.726	ug/l	96
90) Hexachloroethane	13.965	117	102391	49.481	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	254201	47.127	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24226	23.121	ug/l	93

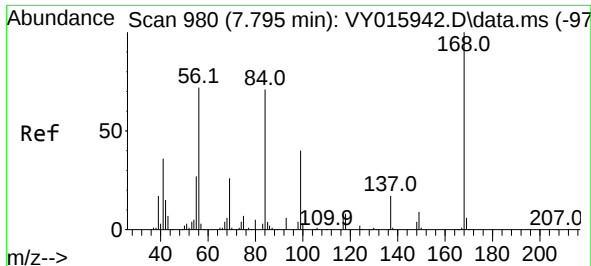
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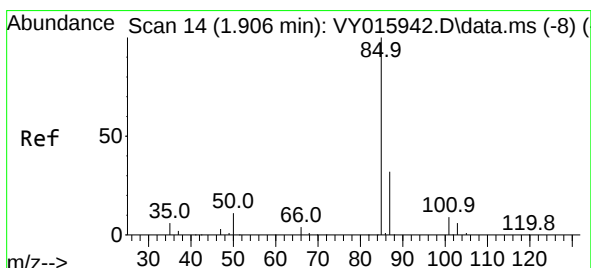
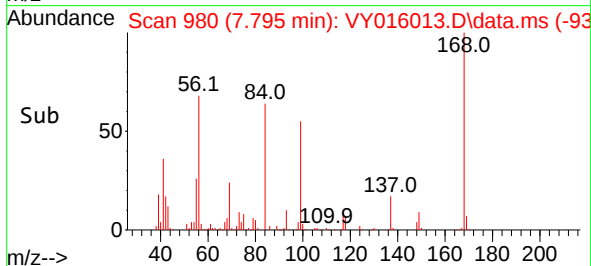
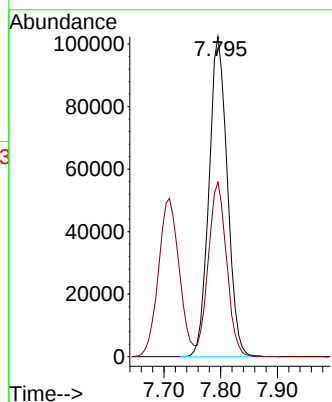
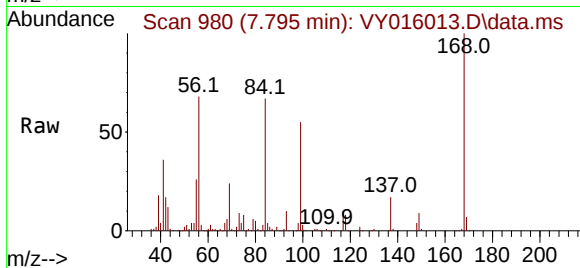




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016013.D
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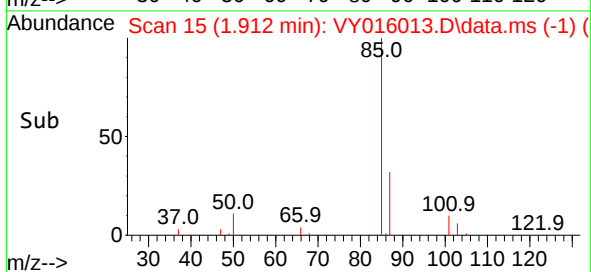
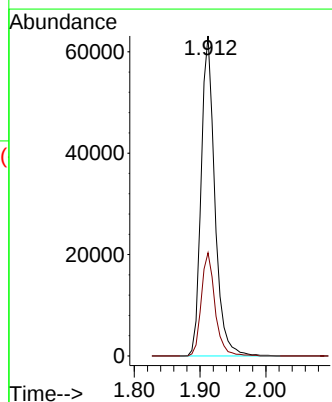
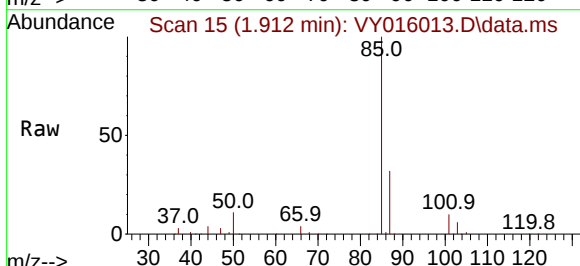
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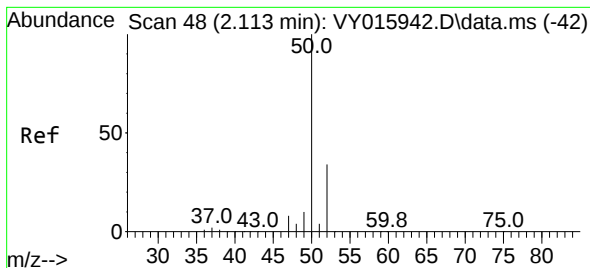
Tgt Ion:168 Resp: 230294
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.412 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 85 Resp: 91361
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3

Chloromethane

Concen: 37.055 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

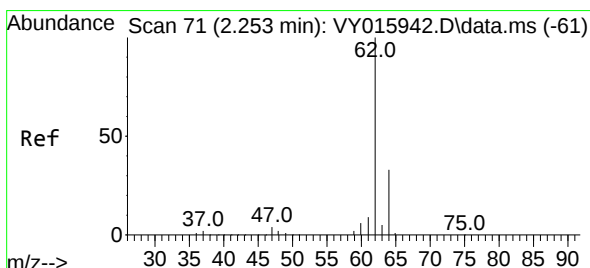
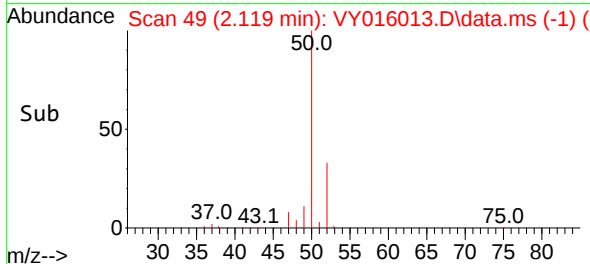
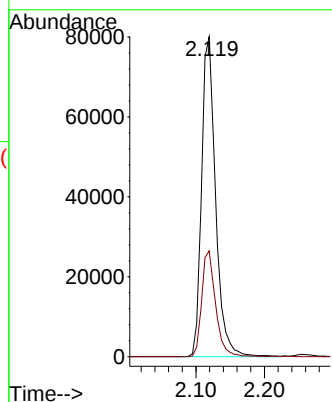
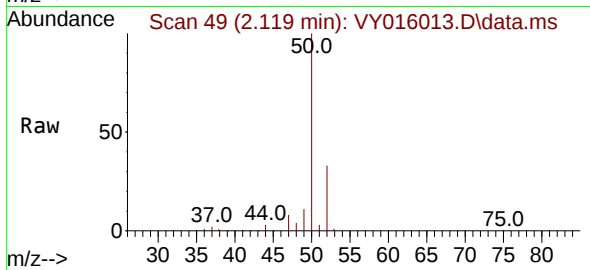
VSTDCCC050

Tgt Ion: 50 Resp: 113955

Ion Ratio Lower Upper

50 100

52 33.1 25.4 38.2



#4

Vinyl Chloride

Concen: 51.167 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY016013.D

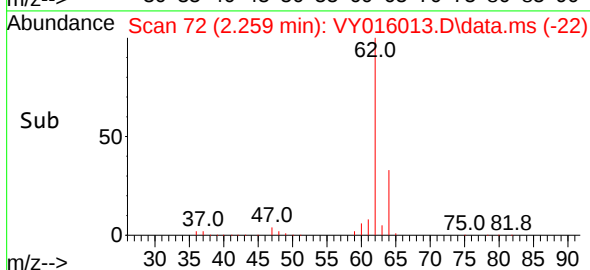
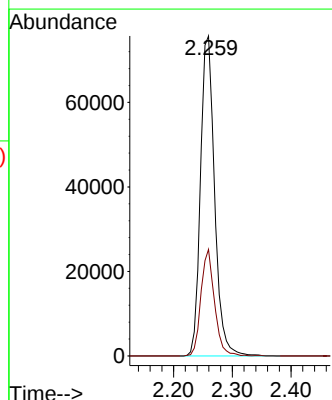
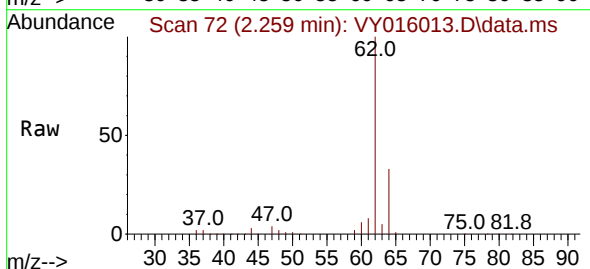
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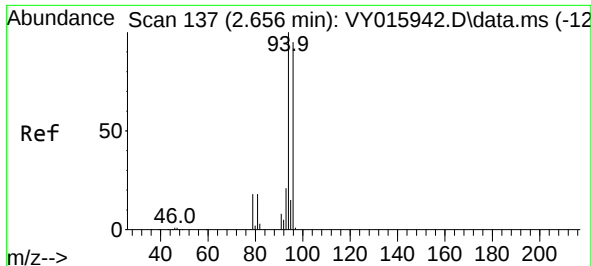
Tgt Ion: 62 Resp: 126128

Ion Ratio Lower Upper

62 100

64 33.3 24.3 36.5

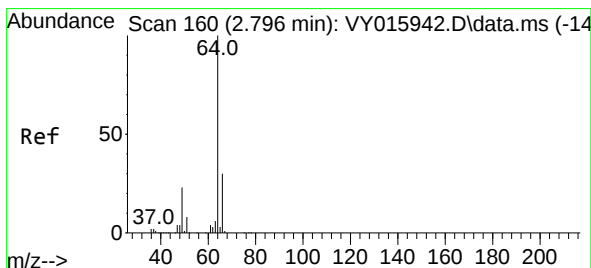
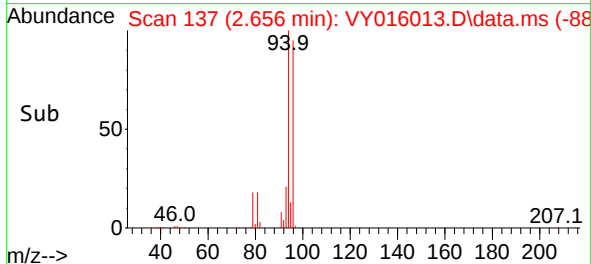
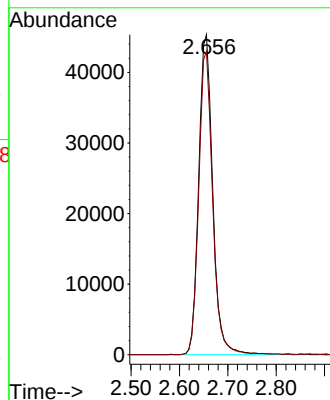
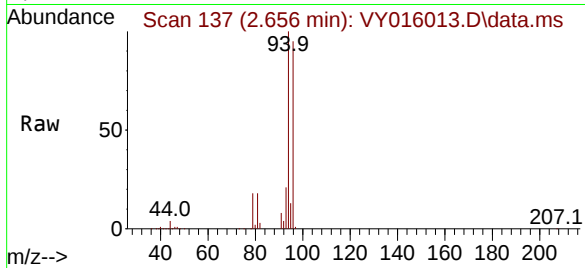




#5
Bromomethane
Concen: 65.467 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016013.D
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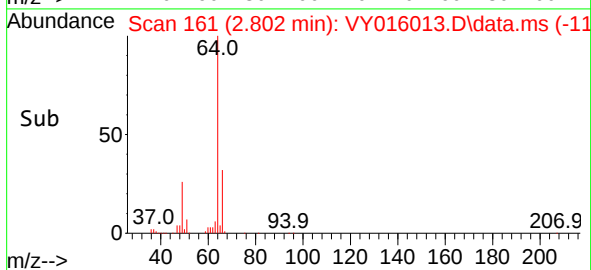
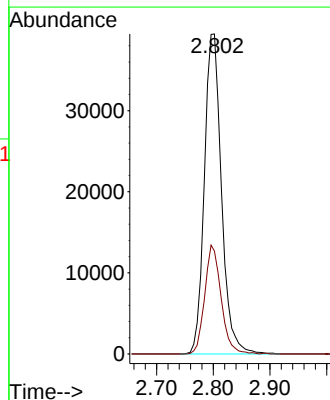
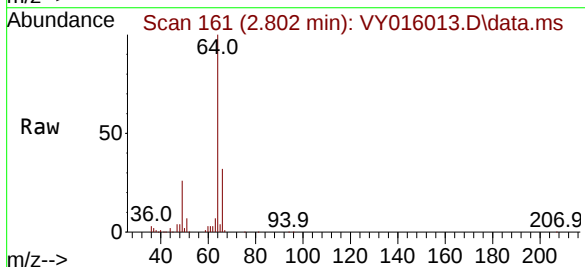
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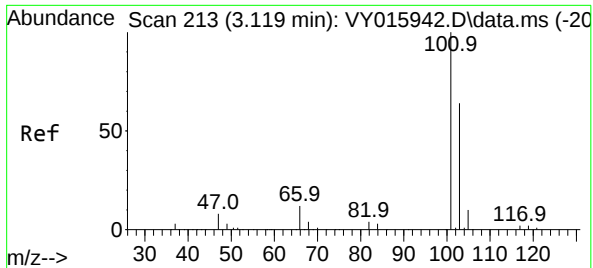
Tgt Ion: 94 Resp: 91280
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.6



#6
Chloroethane
Concen: 52.046 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 64 Resp: 82910
Ion Ratio Lower Upper
64 100
66 32.1 24.4 36.6

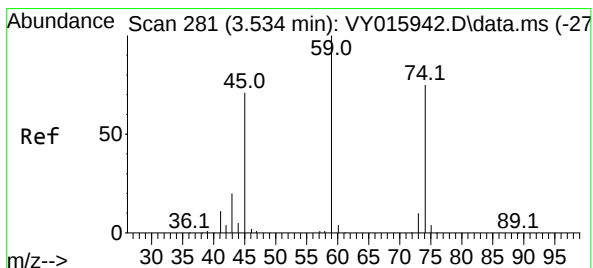
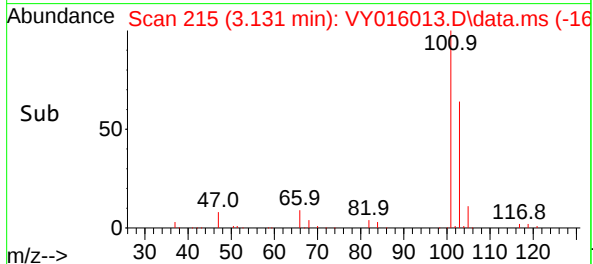
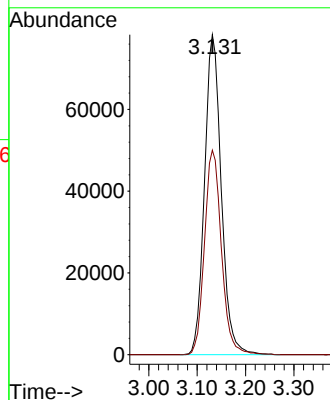
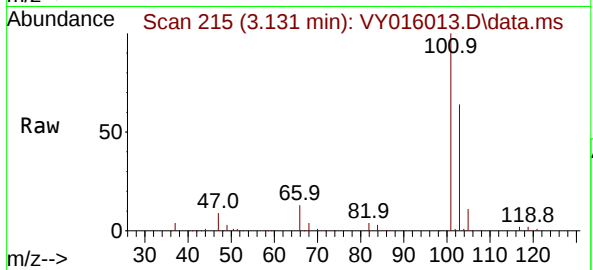




#7
Trichlorofluoromethane
Concen: 45.073 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

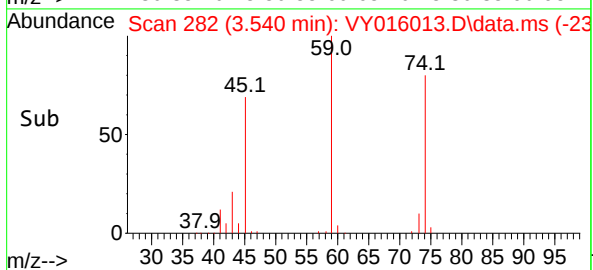
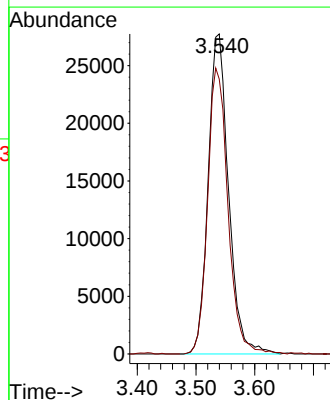
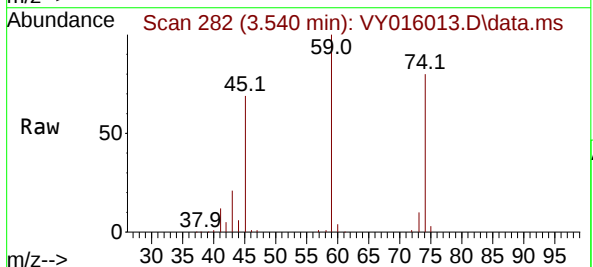
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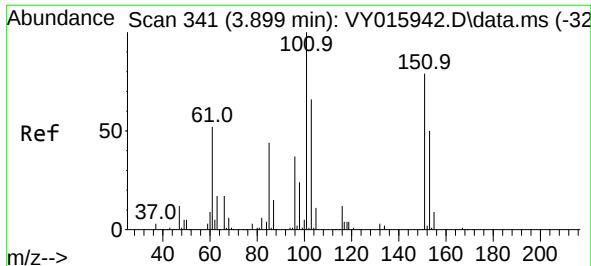
Tgt Ion:101 Resp: 188455
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0



#8
Diethyl Ether
Concen: 42.837 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 74 Resp: 66939
Ion Ratio Lower Upper
74 100
45 89.2 51.5 154.5

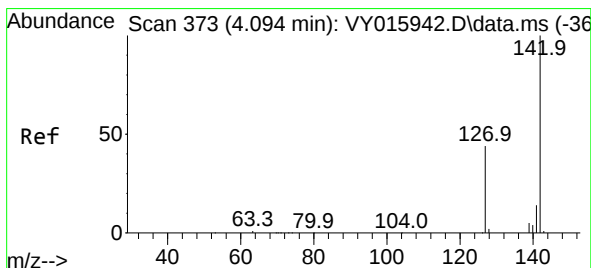
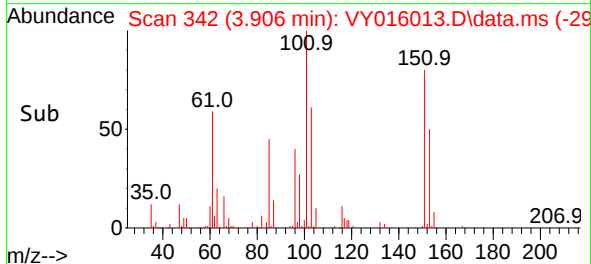
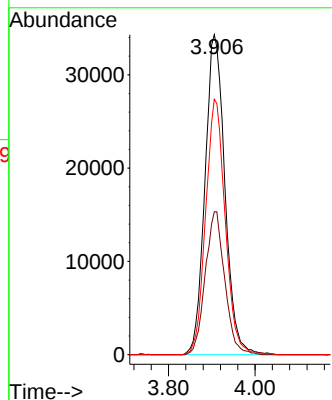
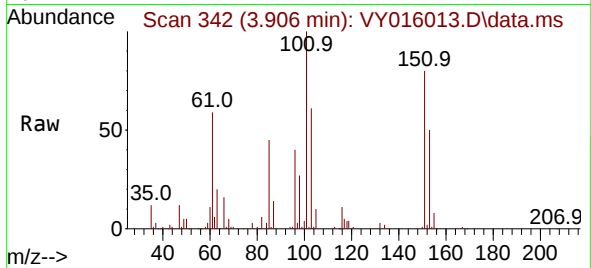




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.059 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

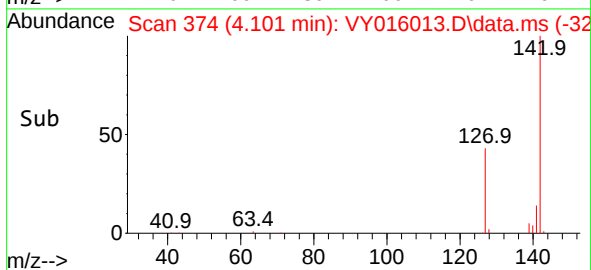
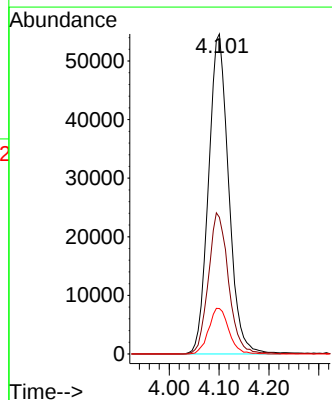
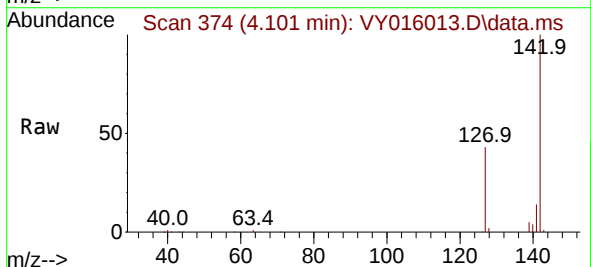
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ClientSampleId :
VSTDCCC050

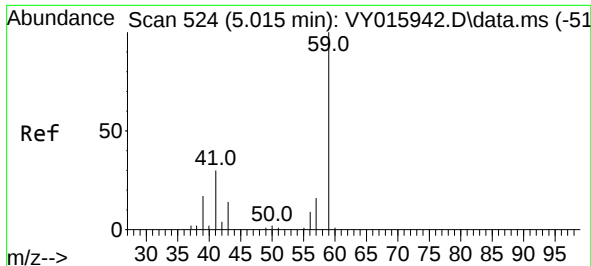
Tgt Ion:101 Resp: 109501
Ion Ratio Lower Upper
101 100
85 43.8 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 55.982 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion:142 Resp: 153043
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.2 11.8 17.8

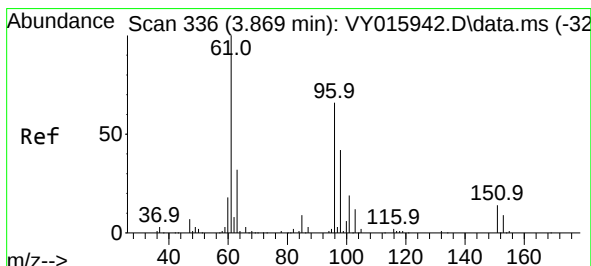
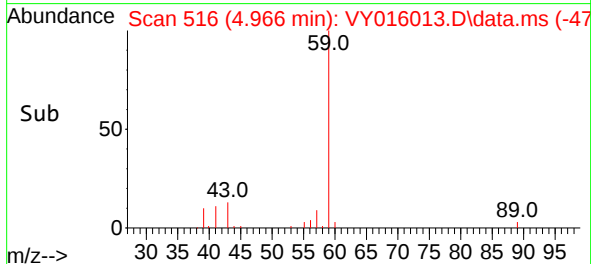
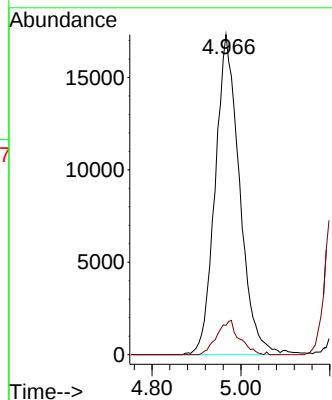
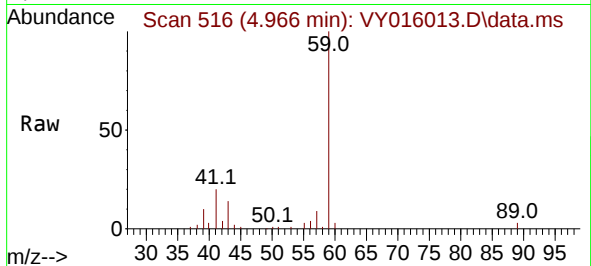




#11
Tert butyl alcohol
Concen: 43.115 ug/l
RT: 4.966 min Scan# 51
Delta R.T. -0.049 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

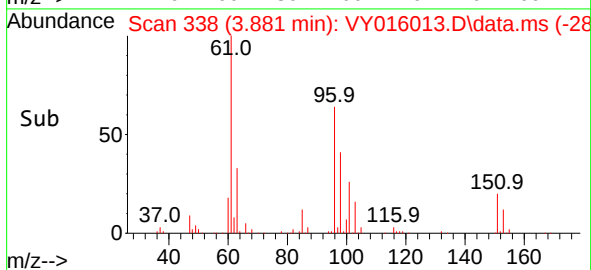
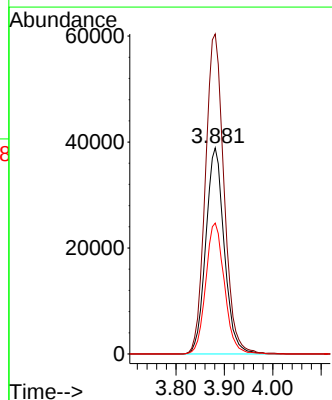
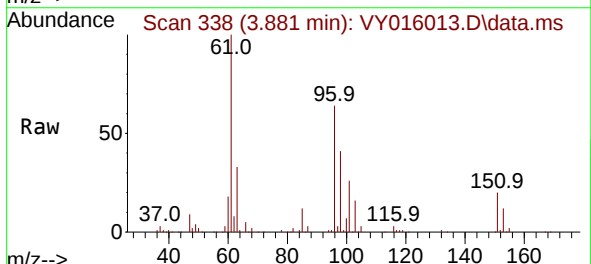
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

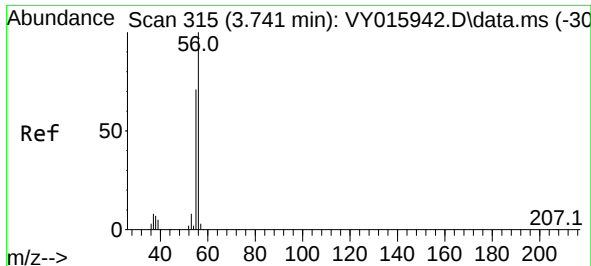
Tgt Ion: 59 Resp: 65746
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 46.044 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 96 Resp: 103121
Ion Ratio Lower Upper
96 100
61 155.2 136.4 204.6
98 63.5 49.4 74.2





#13

Acrolein

Concen: 140.649 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

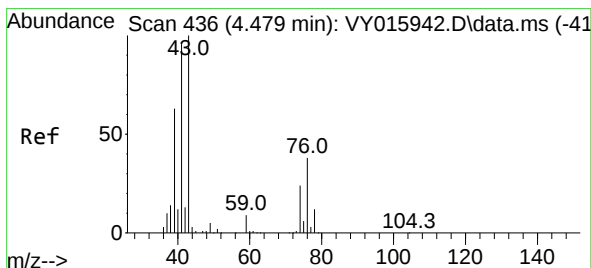
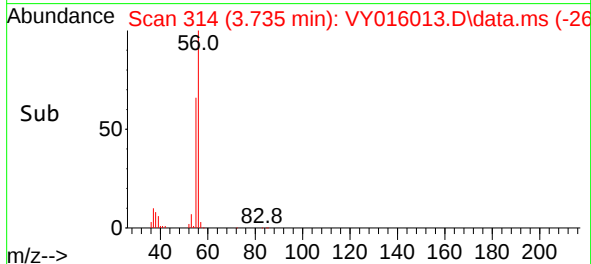
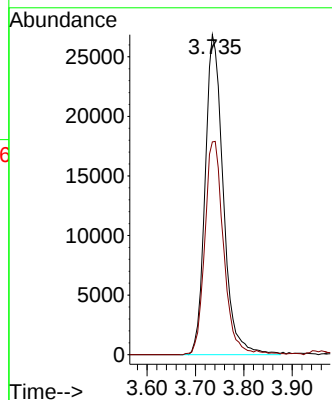
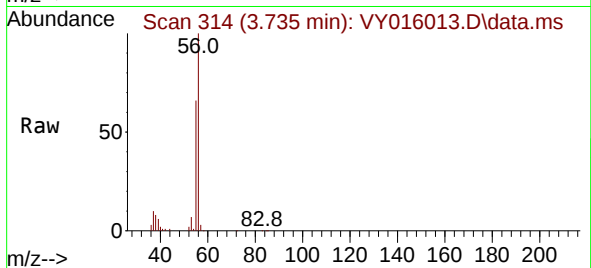
VSTDCCC050

Tgt Ion: 56 Resp: 69817

Ion Ratio Lower Upper

56 100

55 68.5 57.0 85.4



#14

Allyl chloride

Concen: 45.177 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

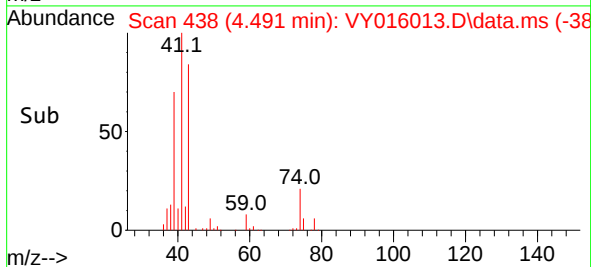
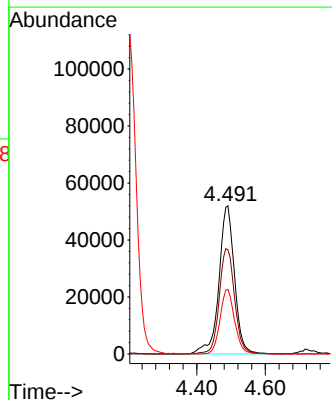
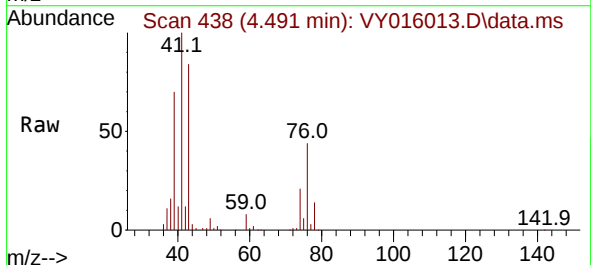
Tgt Ion: 41 Resp: 163498

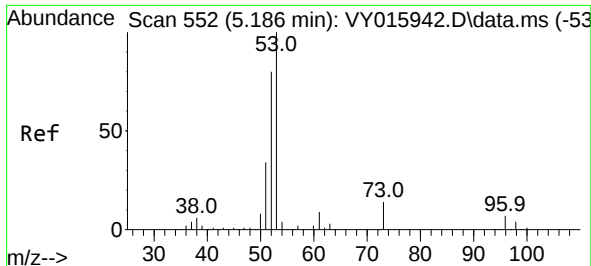
Ion Ratio Lower Upper

41 100

39 70.4 58.0 87.0

76 40.6 27.4 41.2

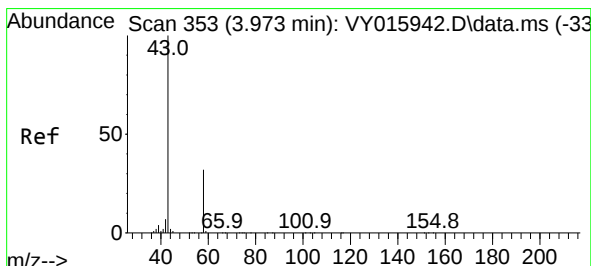
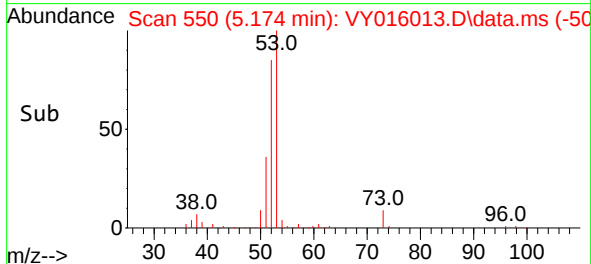
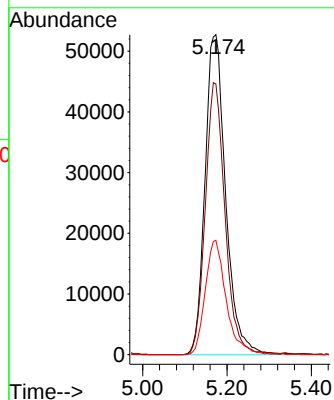
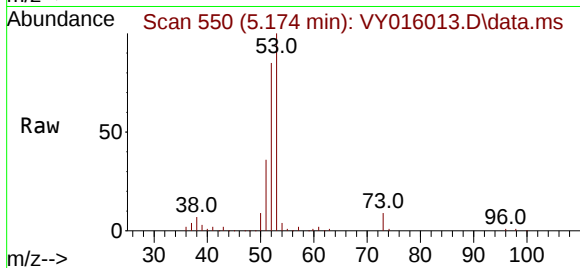




#15
Acrylonitrile
Concen: 130.556 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

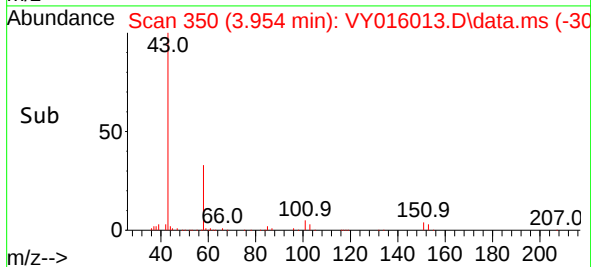
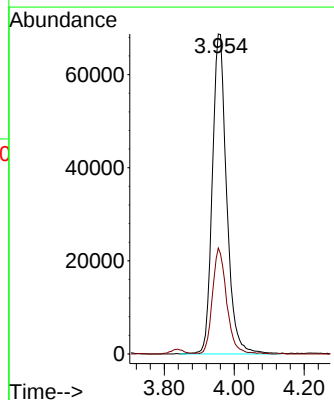
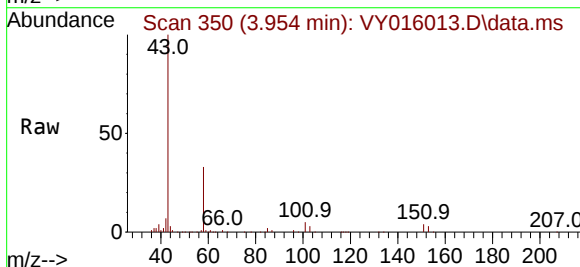
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

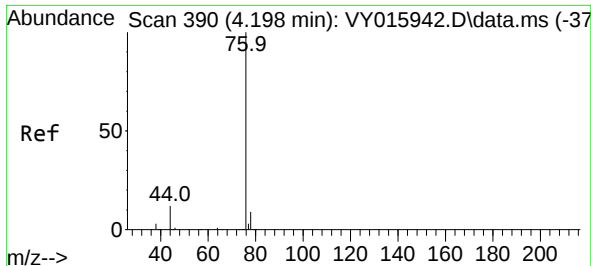
Tgt Ion: 53 Resp: 179722
Ion Ratio Lower Upper
53 100
52 81.2 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 128.212 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 43 Resp: 195748
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1

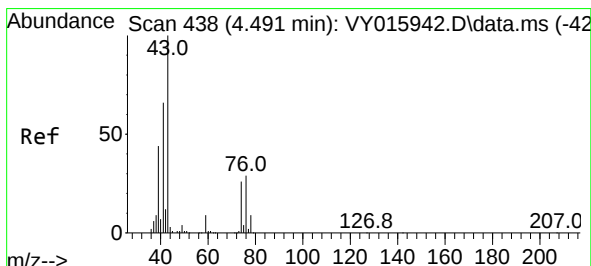
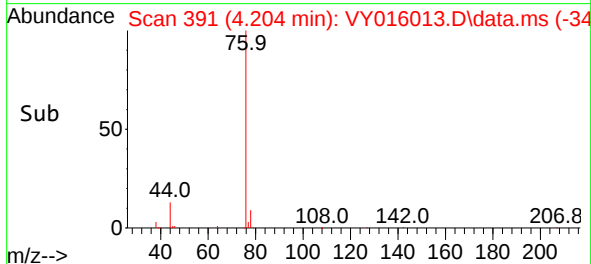
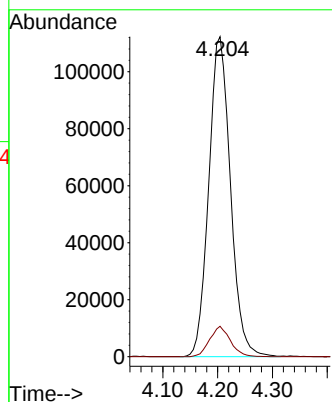
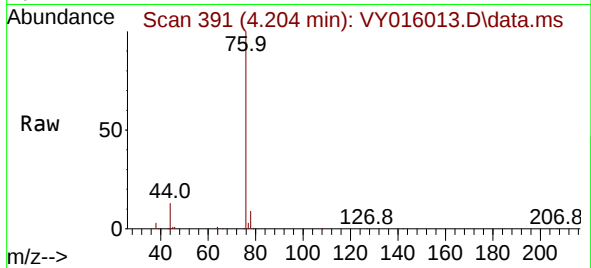




#17
Carbon Disulfide
Concen: 45.016 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

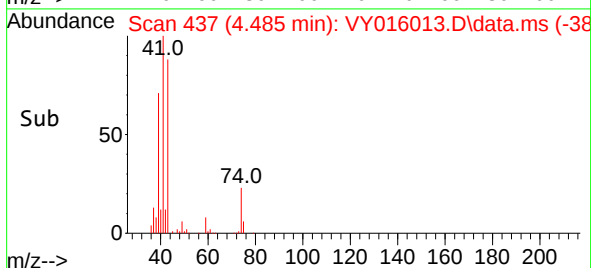
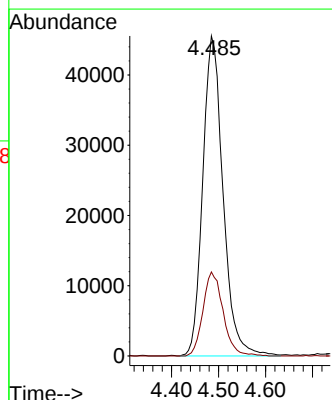
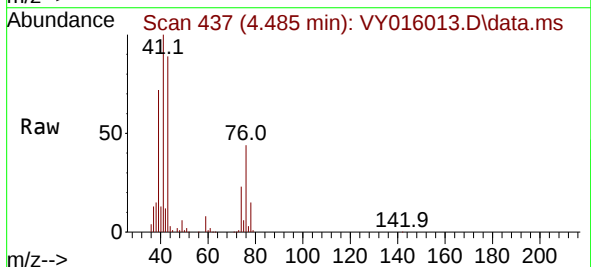
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

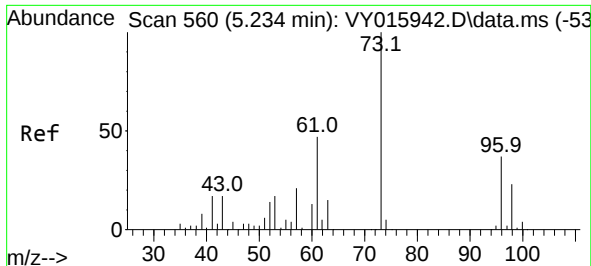
Tgt Ion: 76 Resp: 308156
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 25.800 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 43 Resp: 136633
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 43.477 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

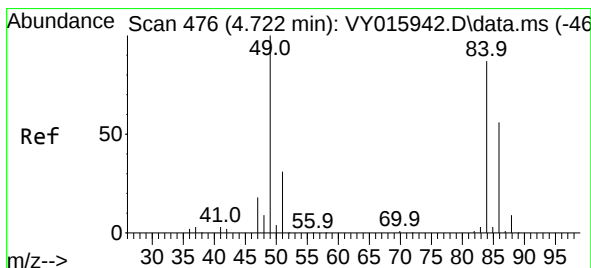
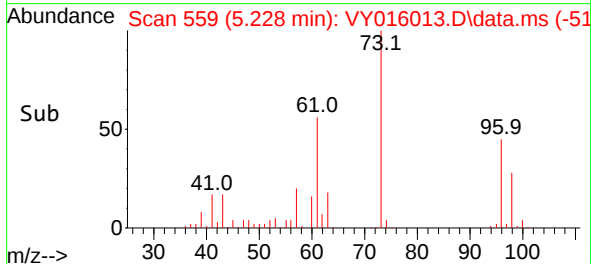
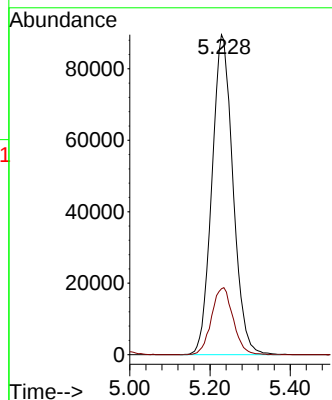
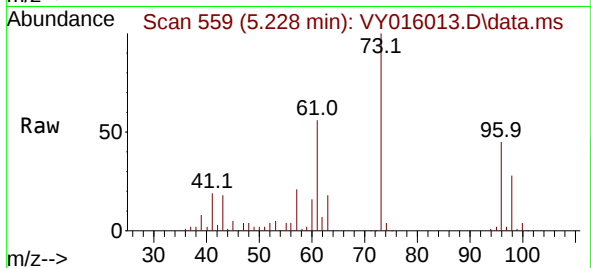
VSTDCCC050

Tgt Ion: 73 Resp: 326417

Ion Ratio Lower Upper

73 100

57 20.6 17.3 25.9



#20

Methylene Chloride

Concen: 41.257 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Tgt Ion: 84 Resp: 122377

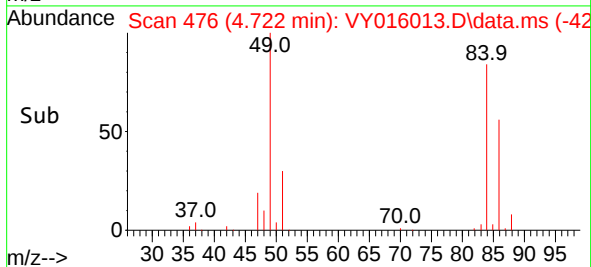
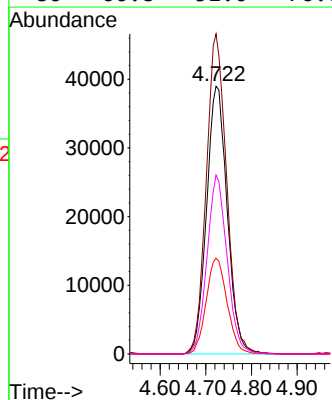
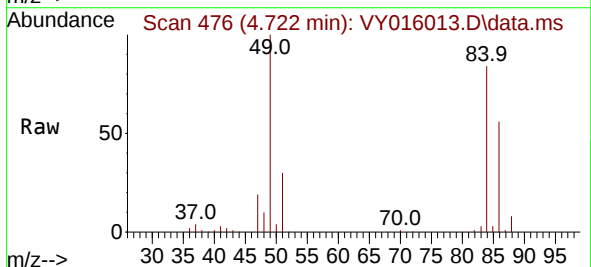
Ion Ratio Lower Upper

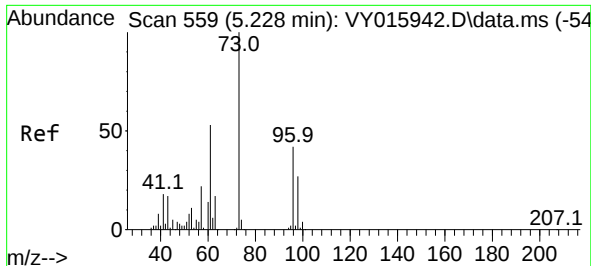
84 100

49 119.6 106.9 160.3

51 35.8 33.2 49.8

86 66.8 51.0 76.6

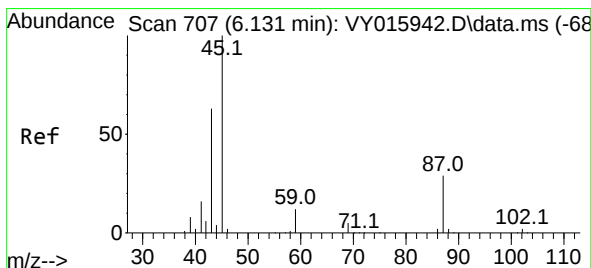
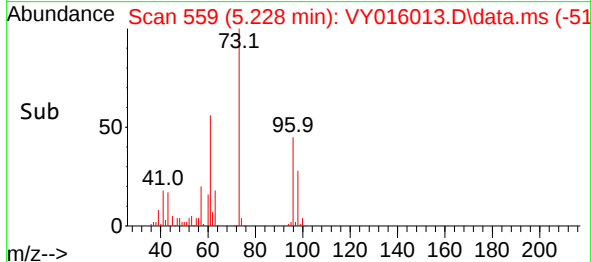
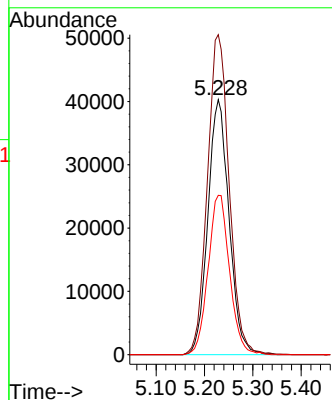
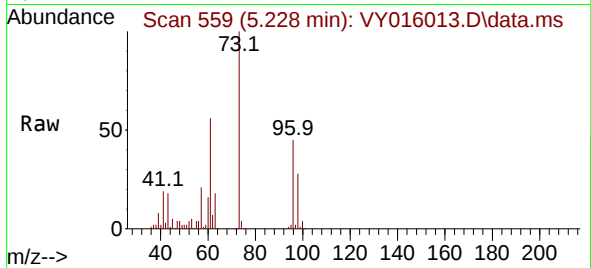




#21
trans-1,2-Dichloroethene
Concen: 46.857 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

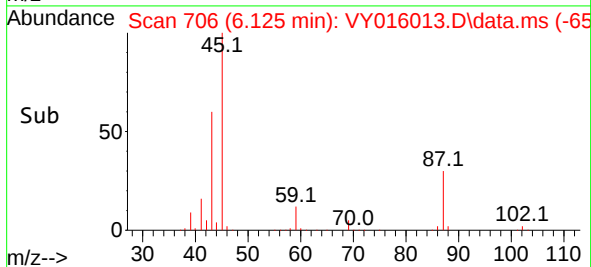
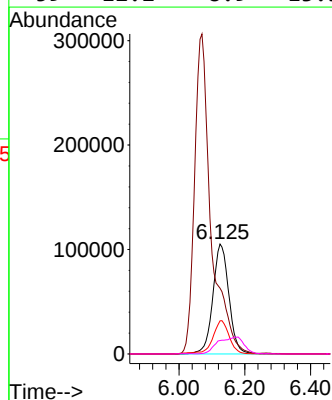
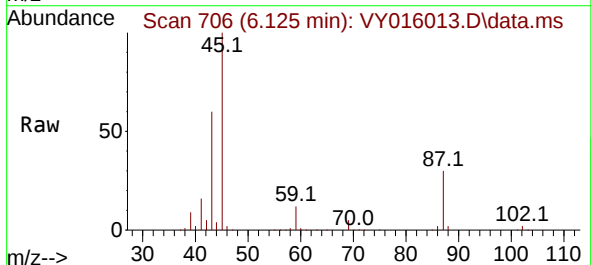
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

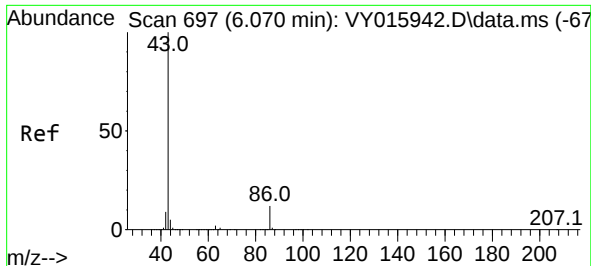
Tgt Ion: 96 Resp: 122665
Ion Ratio Lower Upper
96 100
61 125.5 110.2 165.4
98 62.5 51.8 77.6



#22
Diisopropyl ether
Concen: 47.283 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 45 Resp: 355340
Ion Ratio Lower Upper
45 100
43 59.6 52.2 78.4
87 30.1 21.0 31.6
59 12.2 8.9 13.3

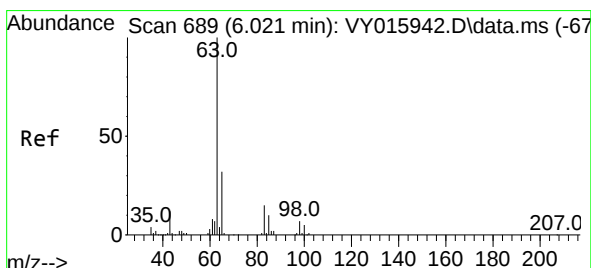
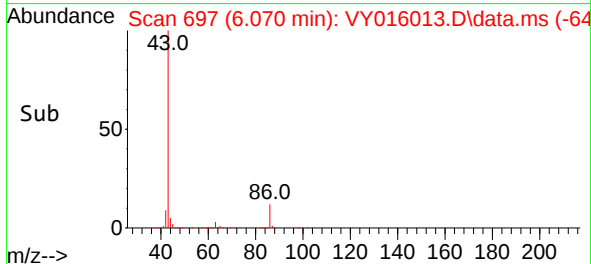
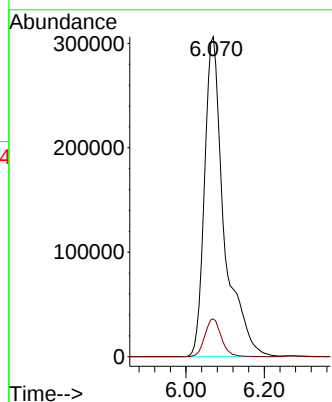
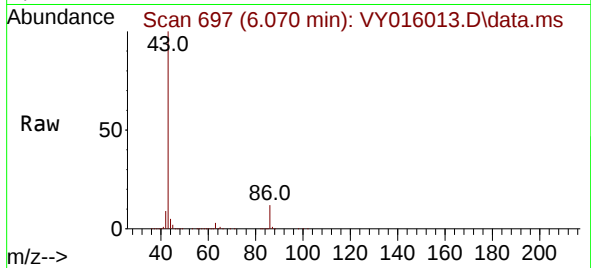




#23
 Vinyl Acetate
 Concen: 215.006 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016013.D
 Acq: 18 Oct 2023 10:28

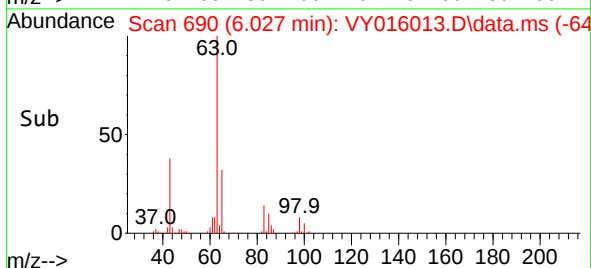
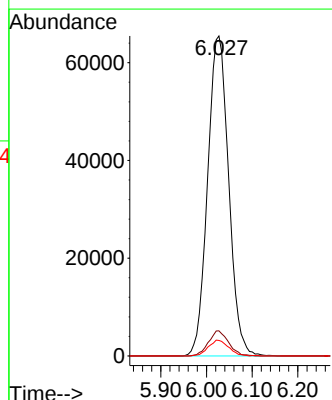
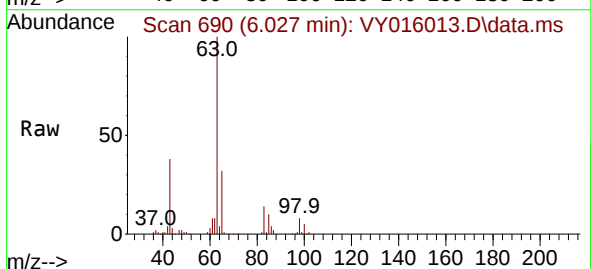
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

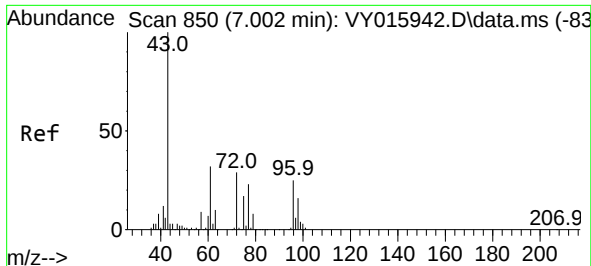
Tgt Ion: 43 Resp: 1063002
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 46.881 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY016013.D
 Acq: 18 Oct 2023 10:28

Tgt Ion: 63 Resp: 209623
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.9 1.8 5.5

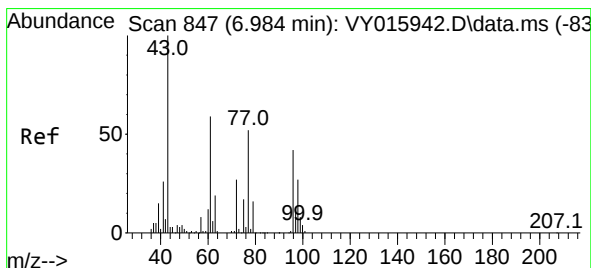
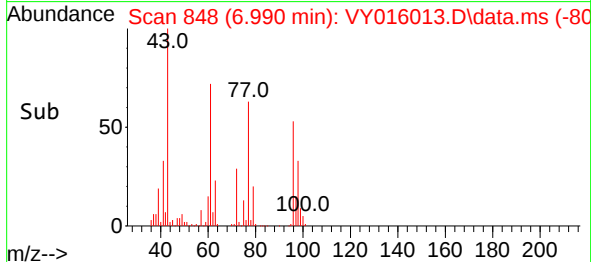
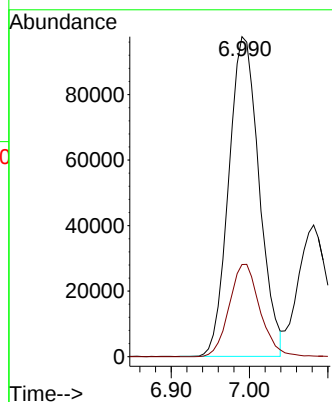
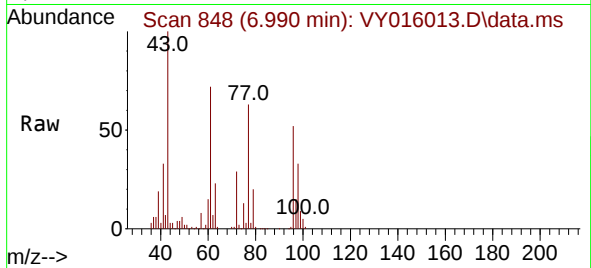




#25
2-Butanone
Concen: 118.512 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

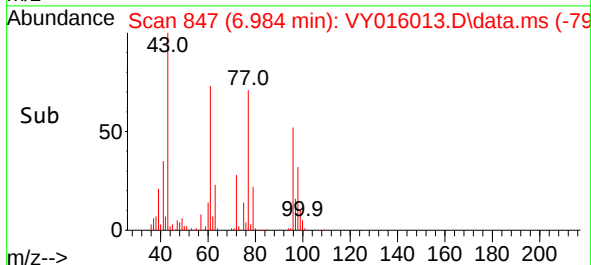
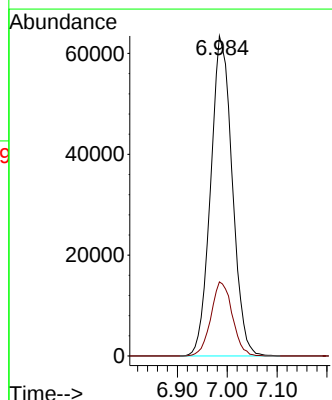
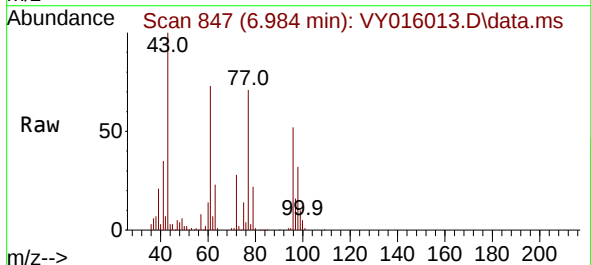
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

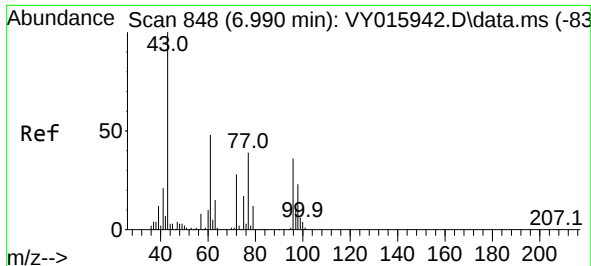
Tgt Ion: 43 Resp: 263341
Ion Ratio Lower Upper
43 100
72 28.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 51.467 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 77 Resp: 191095
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 47.789 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

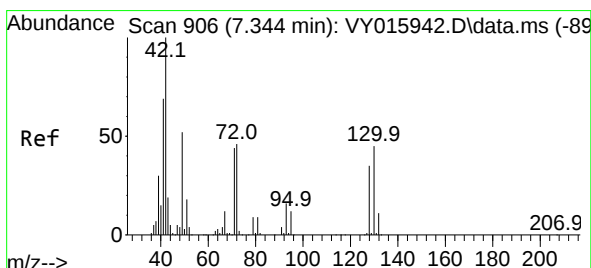
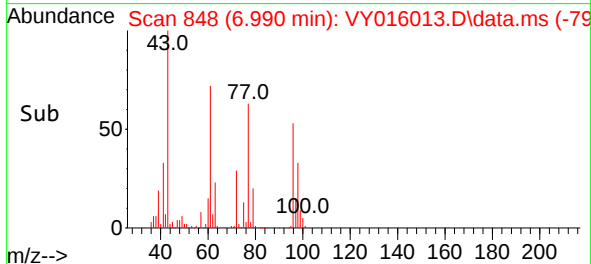
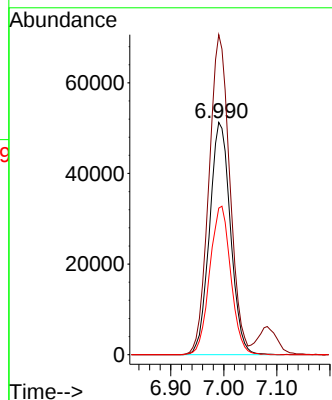
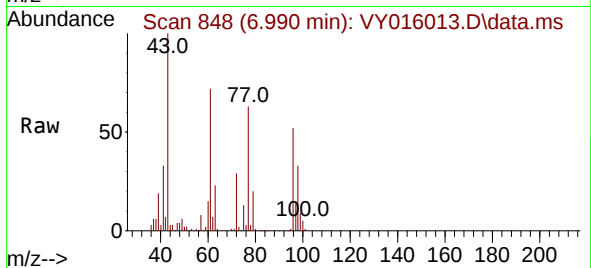
Tgt Ion: 96 Resp: 140669

Ion Ratio Lower Upper

96 100

61 137.9 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 42.174 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

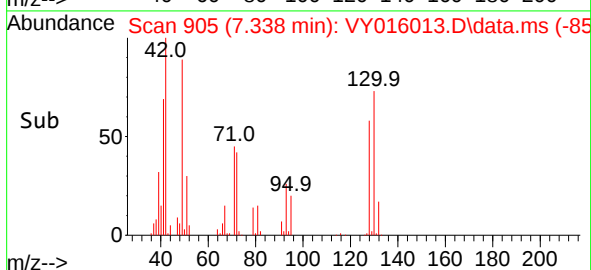
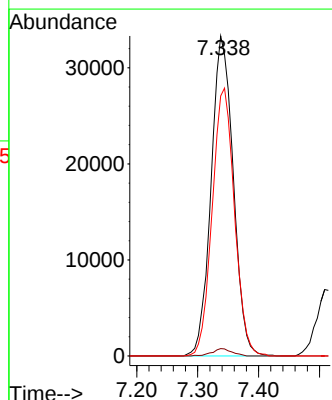
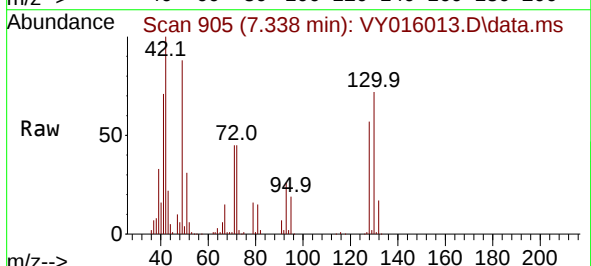
Tgt Ion: 49 Resp: 84154

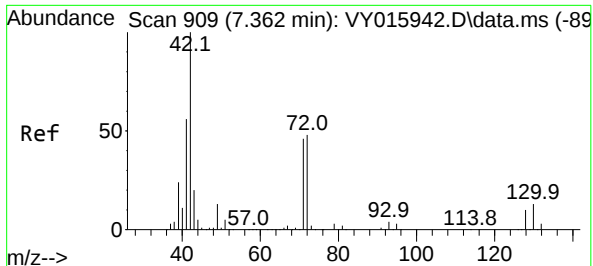
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 83.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.702 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

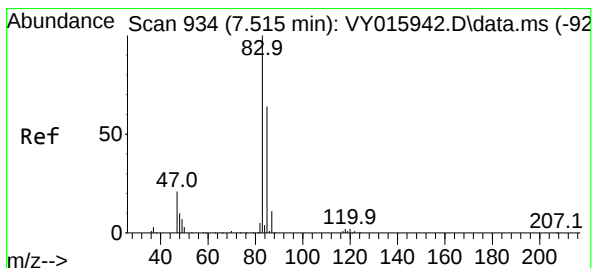
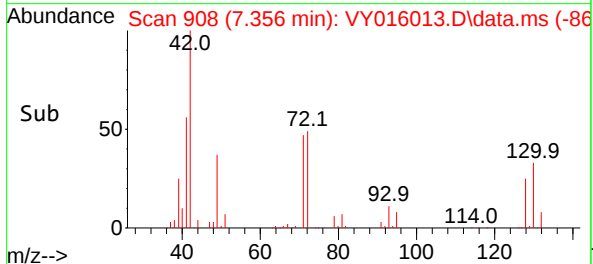
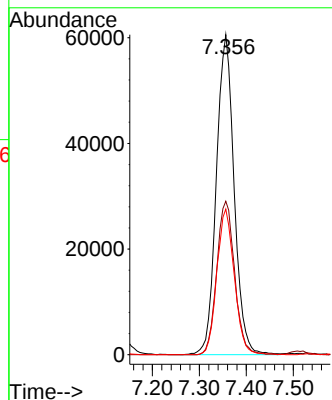
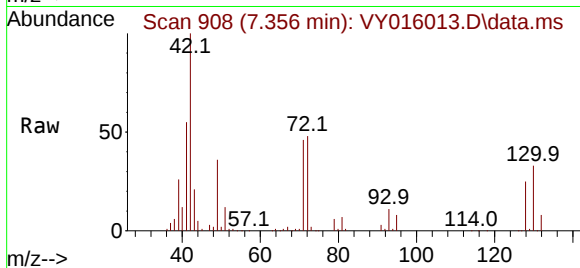
Tgt Ion: 42 Resp: 159479

Ion Ratio Lower Upper

42 100

72 48.3 32.8 49.2

71 44.6 31.0 46.4



#30

Chloroform

Concen: 48.005 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY016013.D

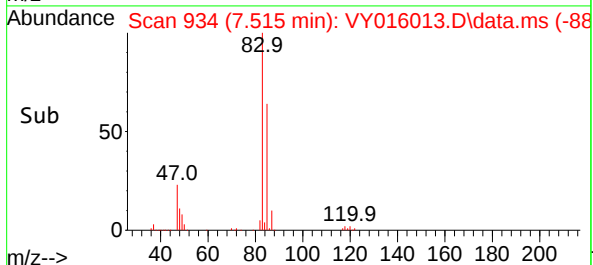
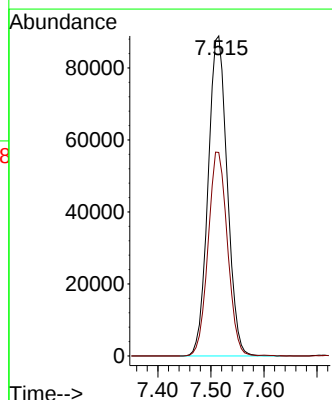
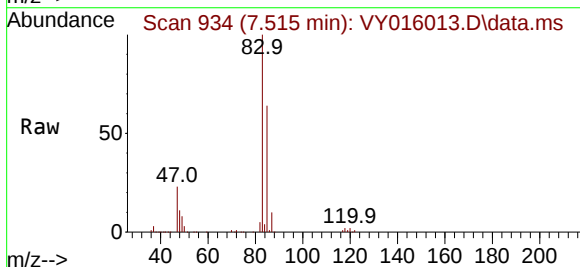
Acq: 18 Oct 2023 10:28

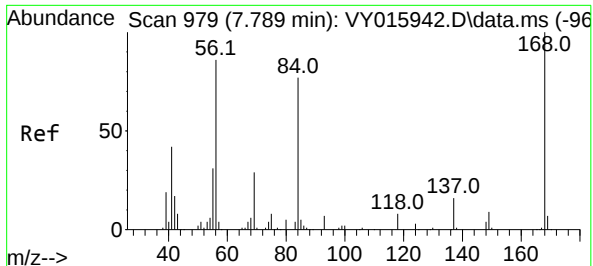
Tgt Ion: 83 Resp: 222793

Ion Ratio Lower Upper

83 100

85 63.6 49.7 74.5

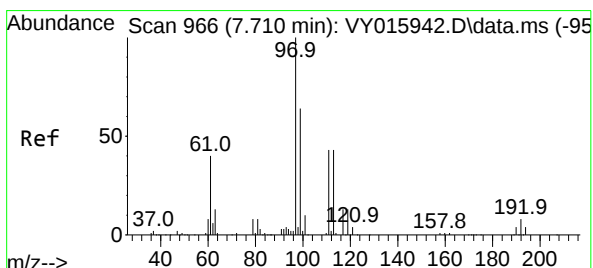
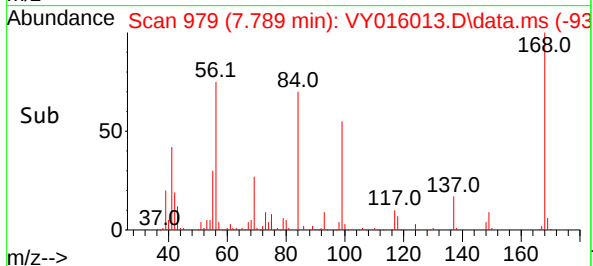
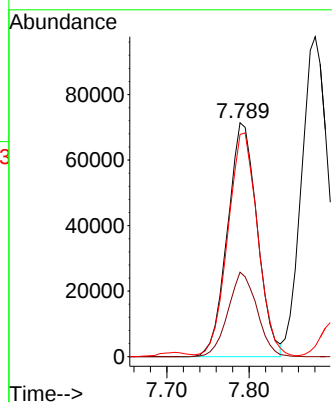
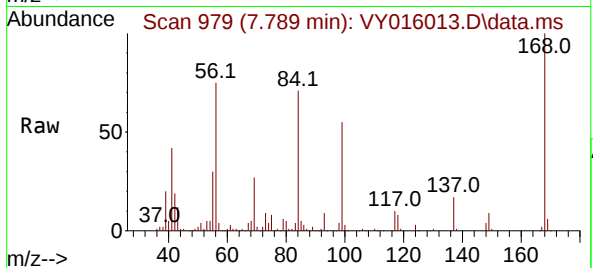




#31
Cyclohexane
Concen: 42.875 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

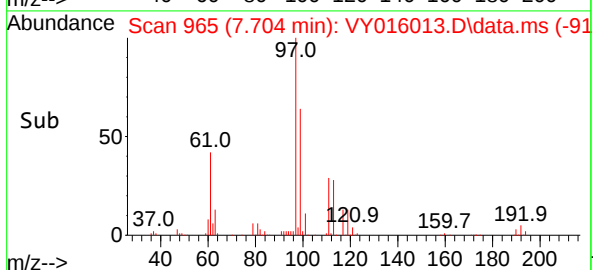
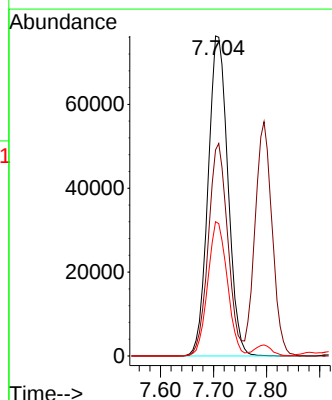
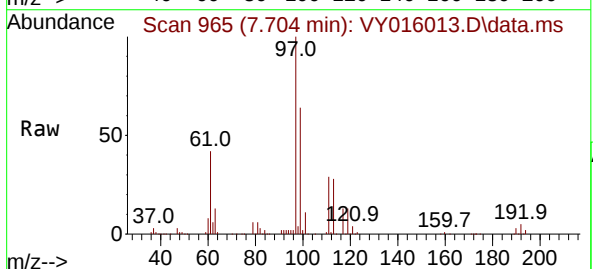
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

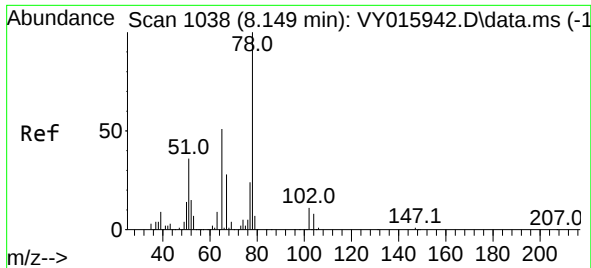
Tgt Ion: 56 Resp: 179385
Ion Ratio Lower Upper
56 100
69 36.1 27.8 41.6
84 93.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.046 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 97 Resp: 198316
Ion Ratio Lower Upper
97 100
99 65.6 50.8 76.2
61 41.4 35.1 52.7

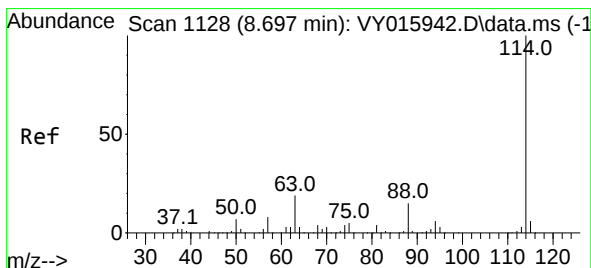
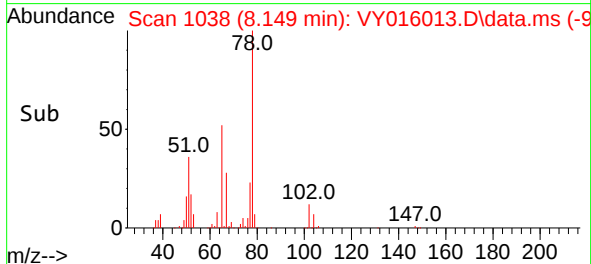
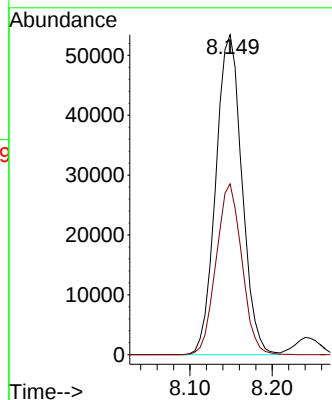
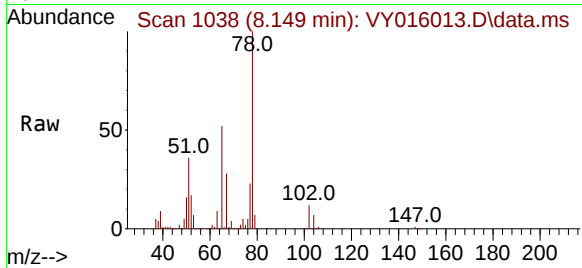




#33
 1,2-Dichloroethane-d4
 Concen: 44.983 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY016013.D
 Acq: 18 Oct 2023 10:28

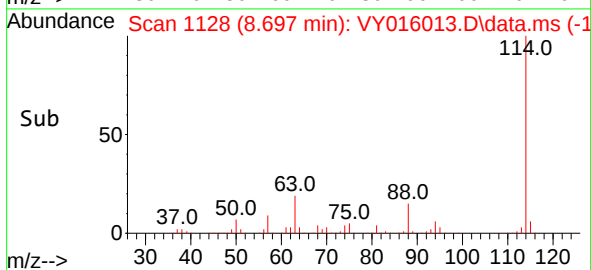
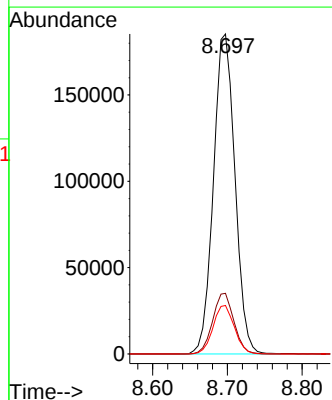
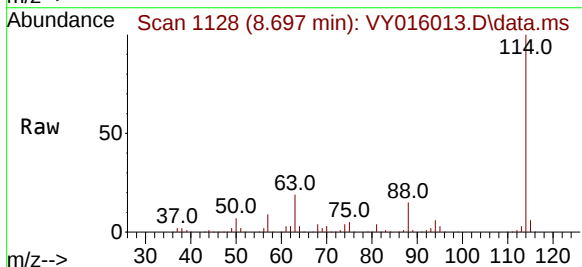
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

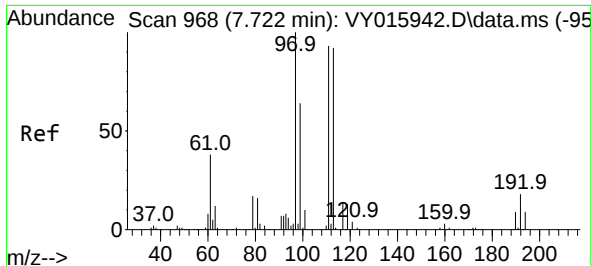
Tgt Ion: 65 Resp: 118228
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY016013.D
 Acq: 18 Oct 2023 10:28

Tgt Ion: 114 Resp: 371365
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 15.2 0.0 30.6

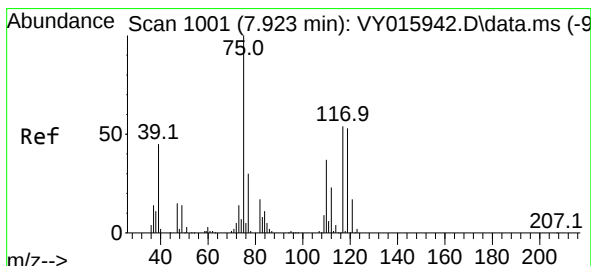
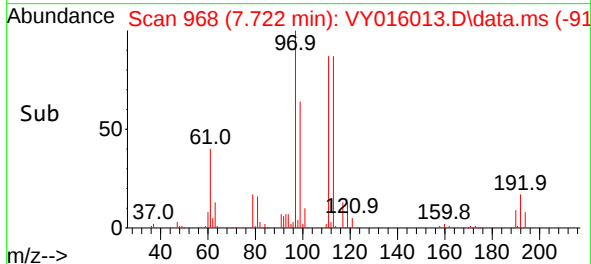
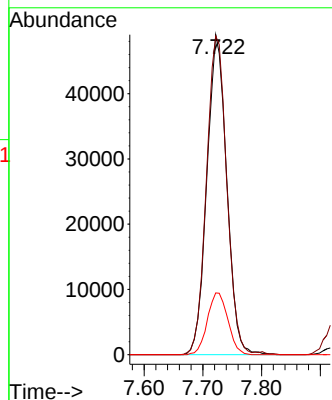
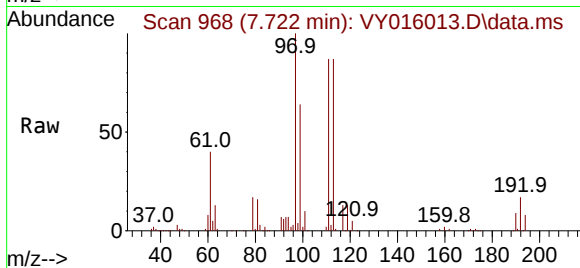




#35
Dibromofluoromethane
Concen: 49.261 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

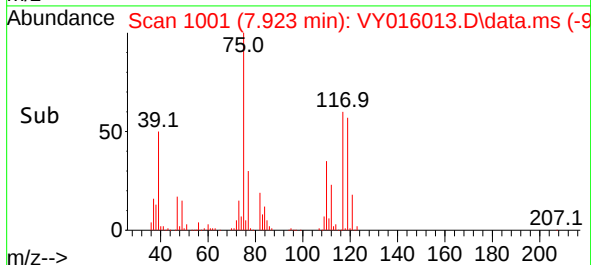
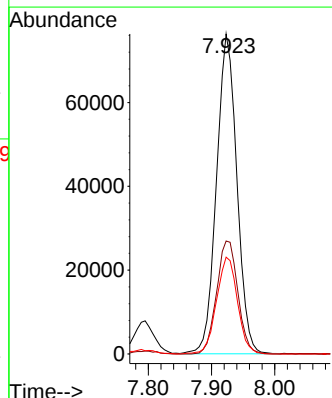
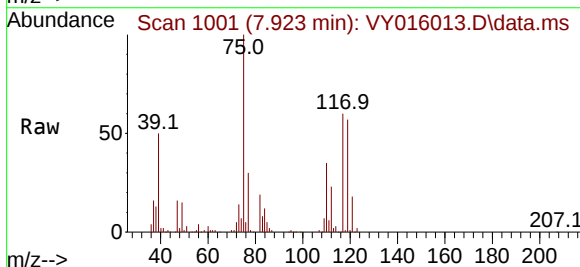
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

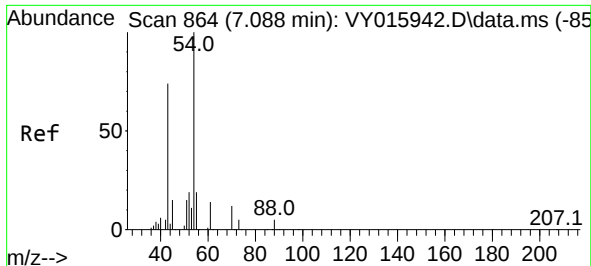
Tgt Ion:113 Resp: 115169
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.309 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 75 Resp: 170418
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 31.2 24.4 36.6

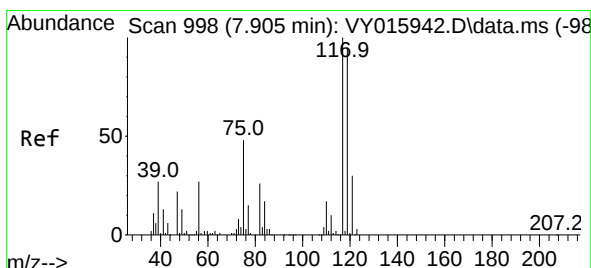
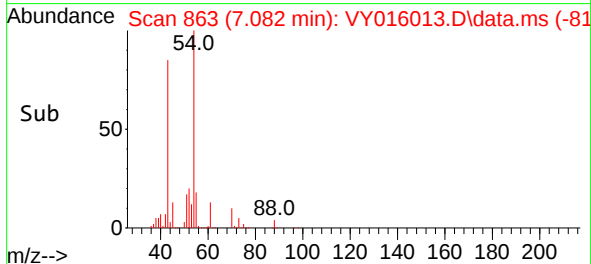
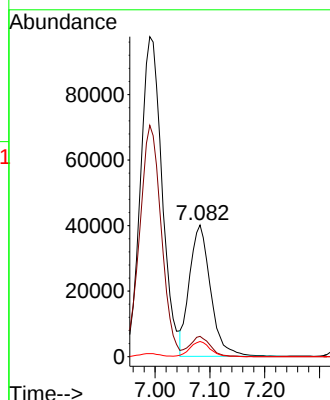
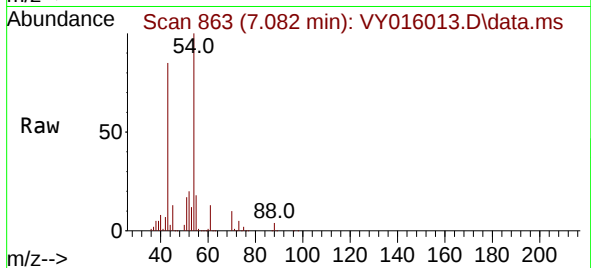




#37
Ethyl Acetate
Concen: 19.699 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

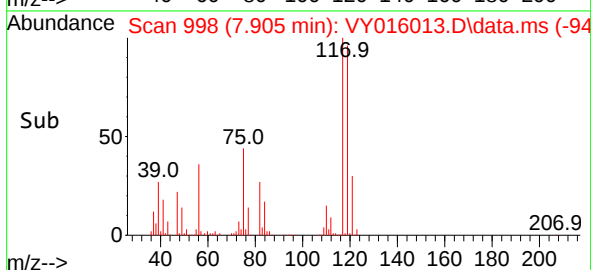
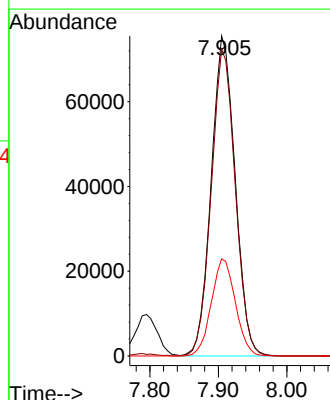
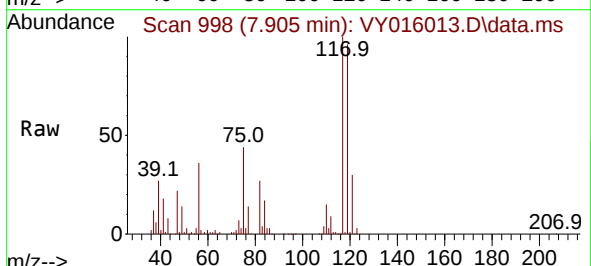
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

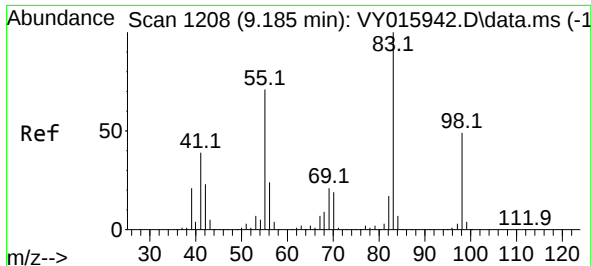
Tgt Ion: 43 Resp: 107221
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 11.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 49.321 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 117 Resp: 183232
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6
121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 46.196 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

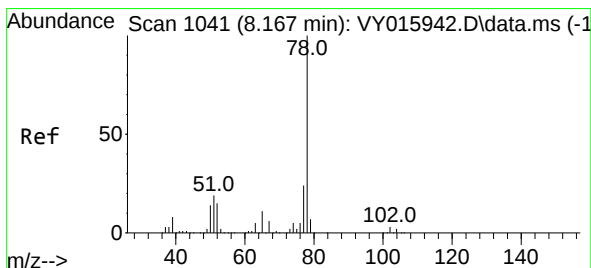
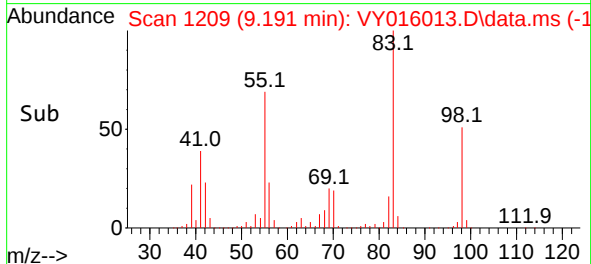
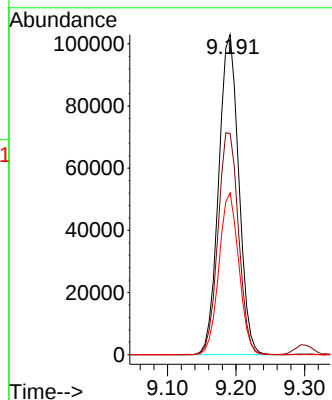
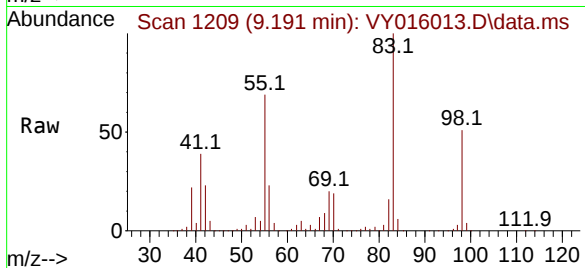
Tgt Ion: 83 Resp: 209080

Ion Ratio Lower Upper

83 100

55 69.1 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 47.756 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY016013.D

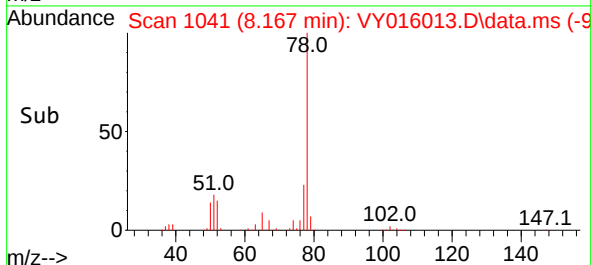
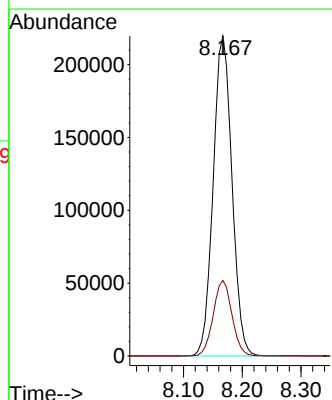
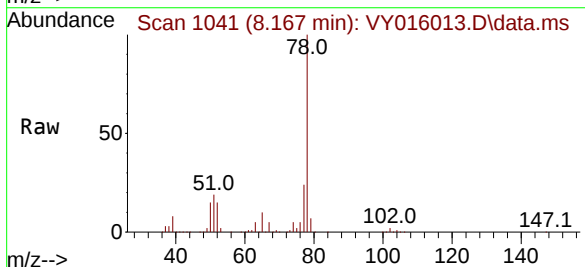
Acq: 18 Oct 2023 10:28

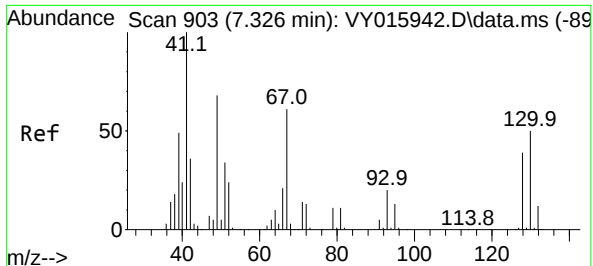
Tgt Ion: 78 Resp: 487439

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

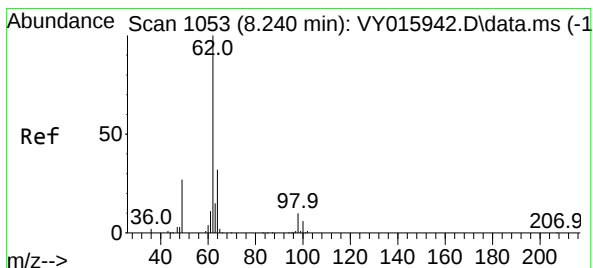
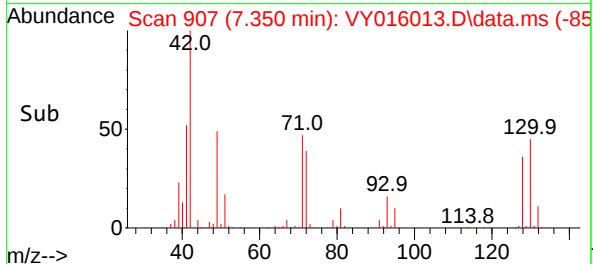
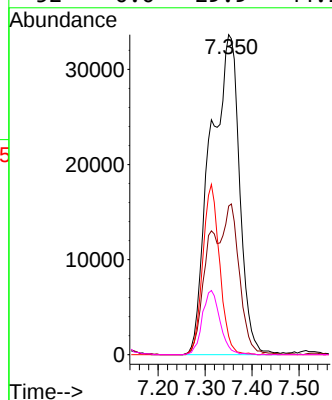
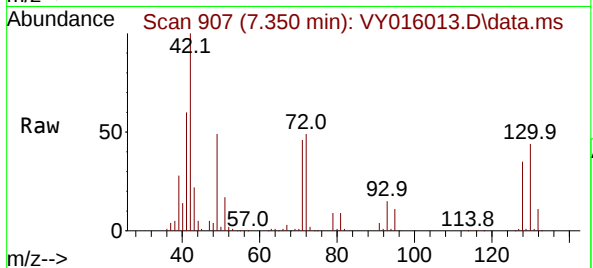




#41
Methacrylonitrile
Concen: 80.672 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.024 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

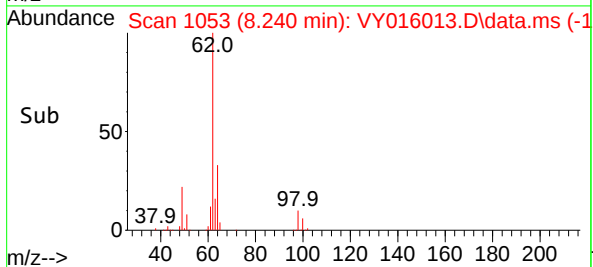
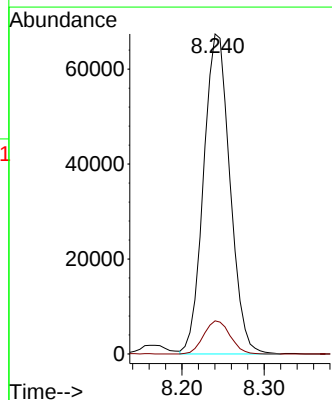
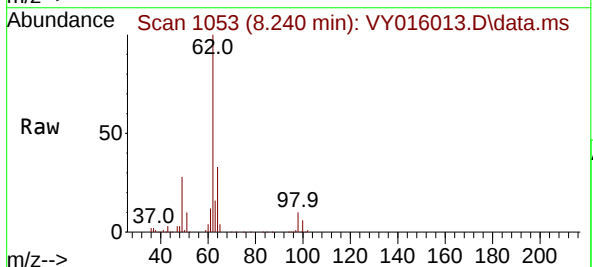
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

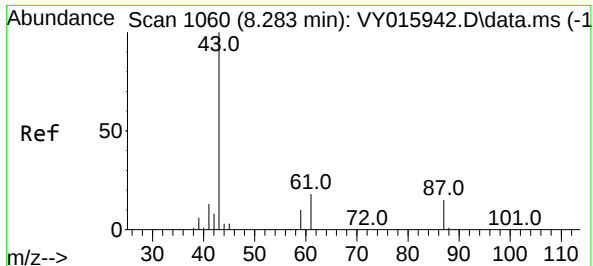
Tgt Ion: 41 Resp: 144780
Ion Ratio Lower Upper
41 100
39 23.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 45.912 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 62 Resp: 150364
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8

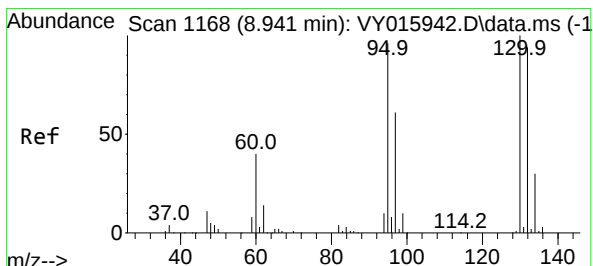
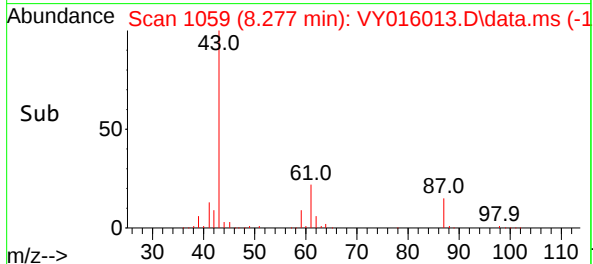
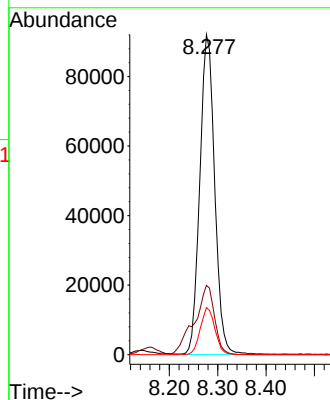
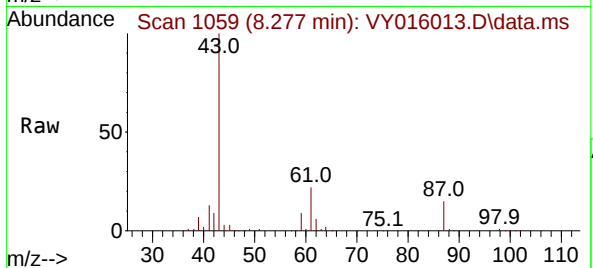




#43
Isopropyl Acetate
Concen: 33.569 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

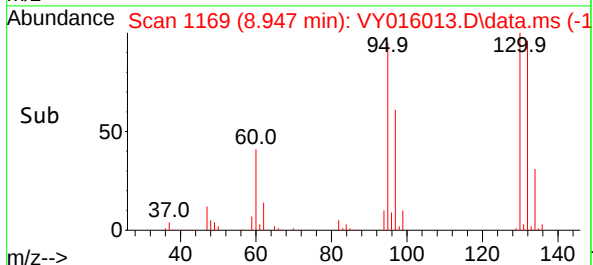
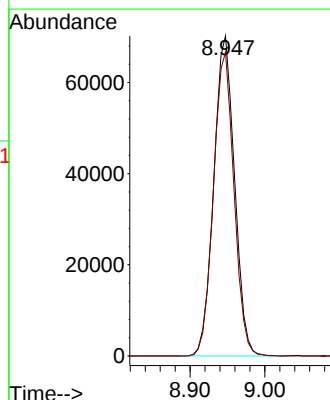
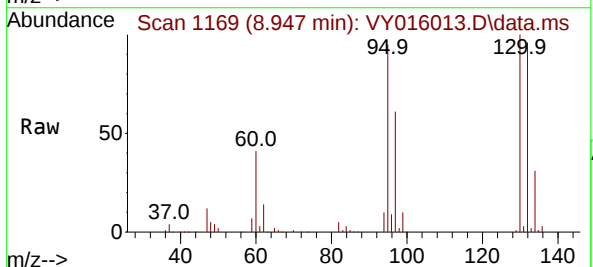
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

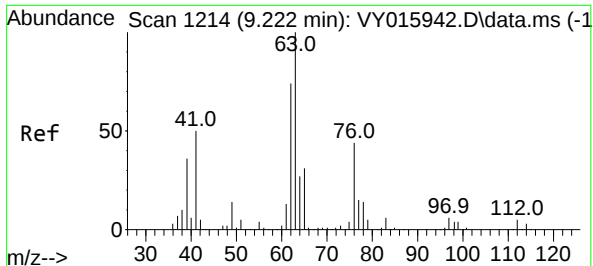
Tgt Ion: 43 Resp: 196298
Ion Ratio Lower Upper
43 100
61 29.1 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 42.991 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion:130 Resp: 135226
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 46.889 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

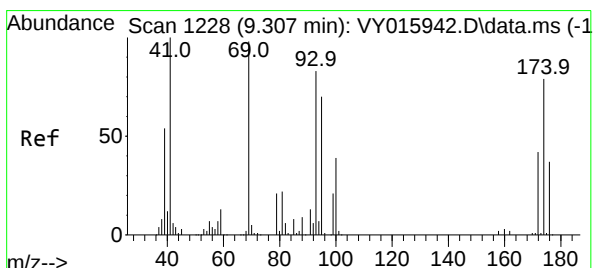
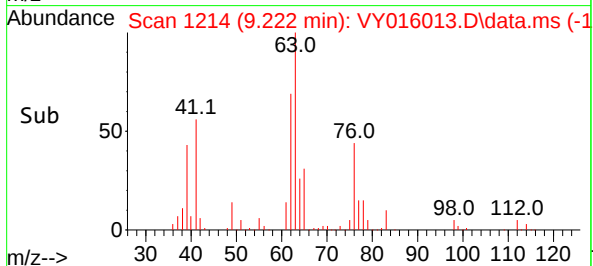
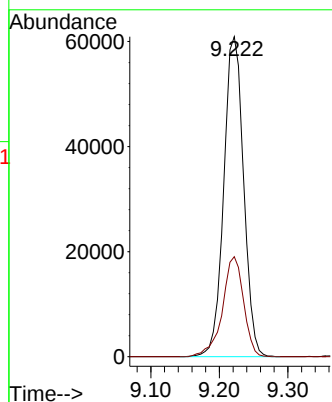
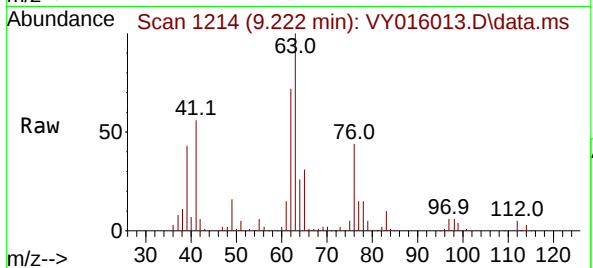
VSTDCCC050

Tgt Ion: 63 Resp: 122121

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 41.926 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

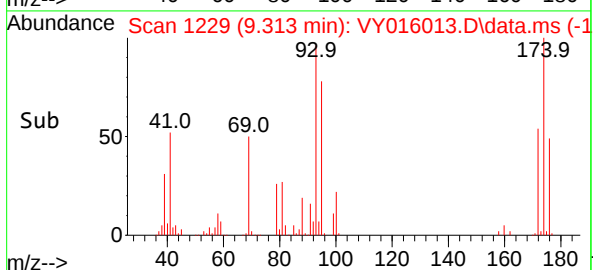
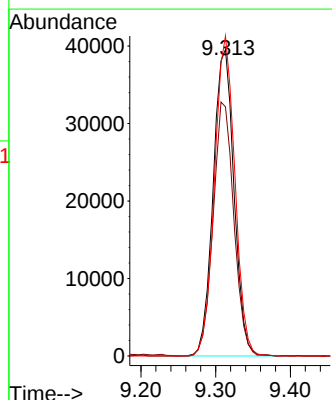
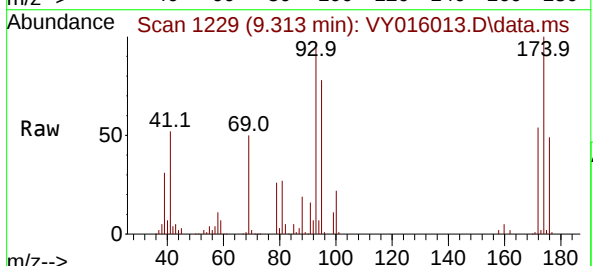
Tgt Ion: 93 Resp: 76755

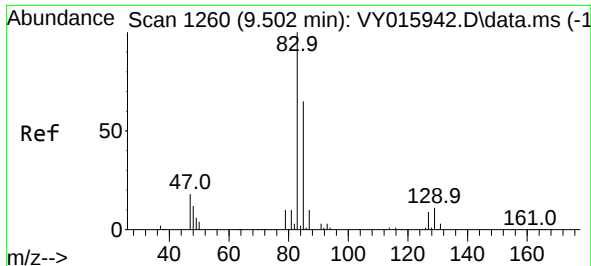
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 102.1 84.8 127.2





#47

Bromodichloromethane

Concen: 47.368 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

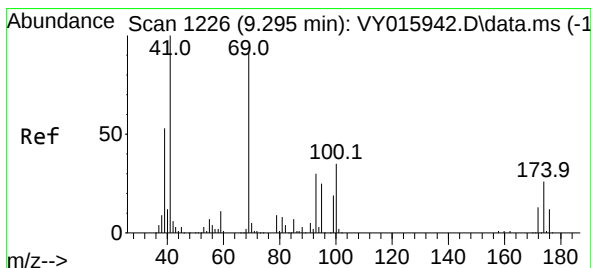
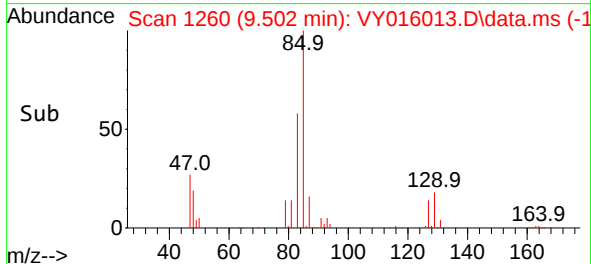
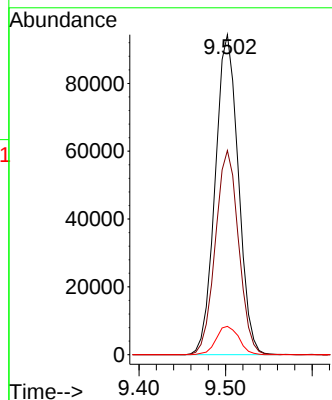
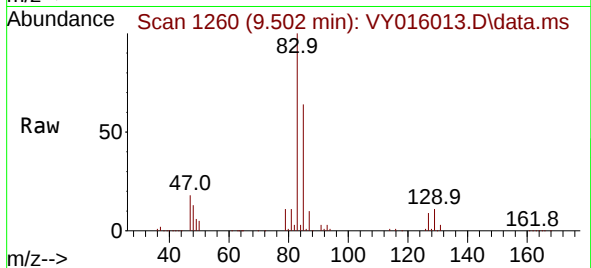
Tgt Ion: 83 Resp: 175110

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1

127 8.9 7.1 10.7



#48

Methyl methacrylate

Concen: 35.530 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

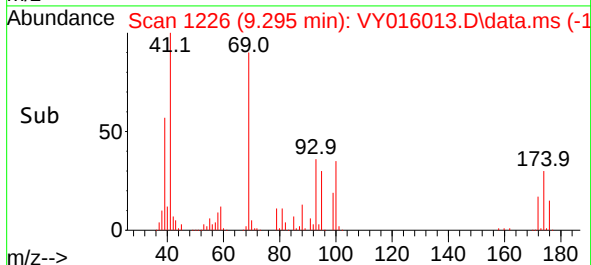
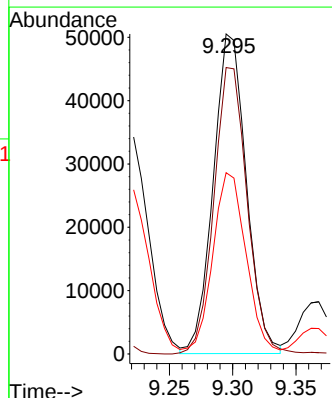
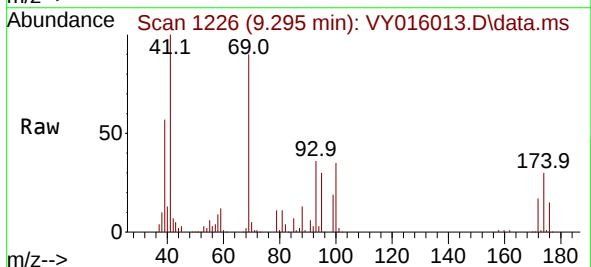
Tgt Ion: 41 Resp: 91769

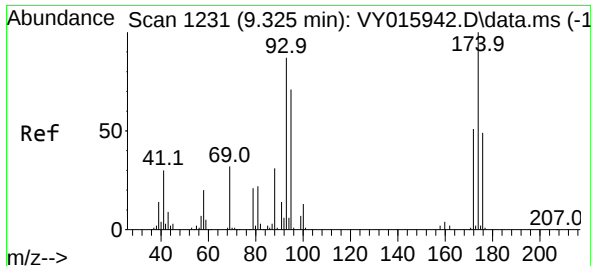
Ion Ratio Lower Upper

41 100

69 90.5 64.5 96.7

39 54.7 50.8 76.2

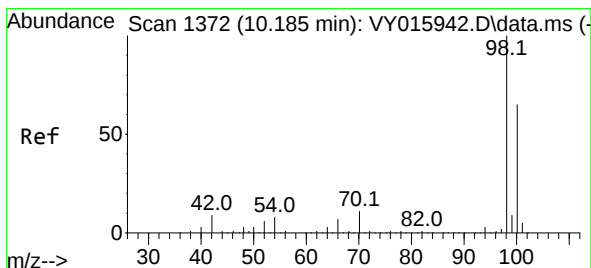
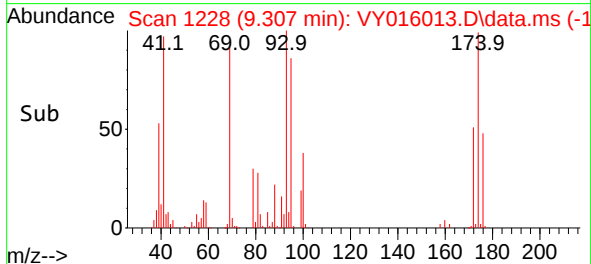
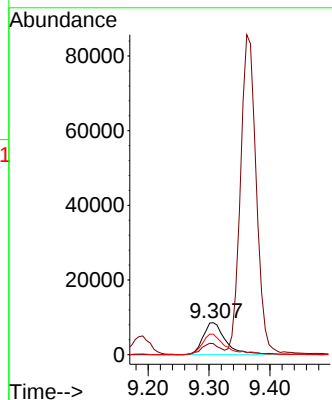
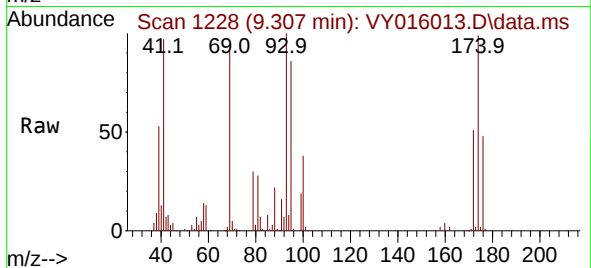




#49
1,4-Dioxane
Concen: 436.357 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.018 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

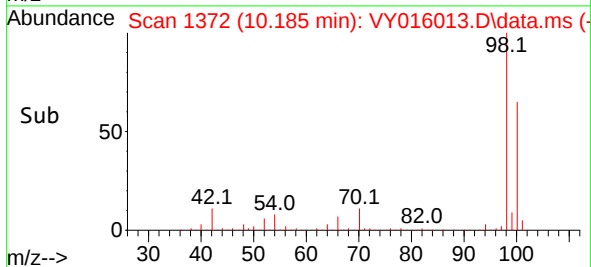
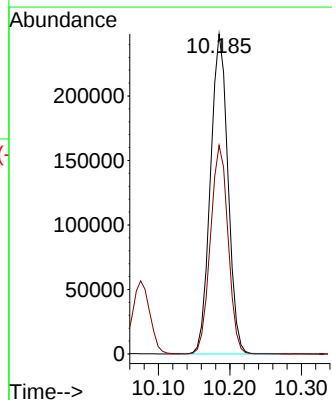
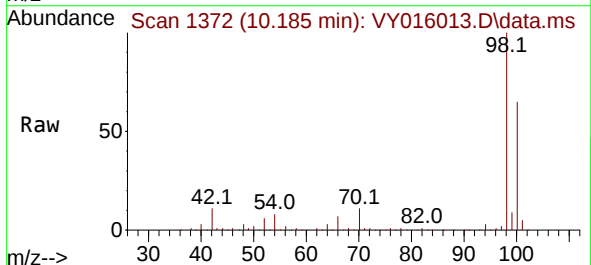
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

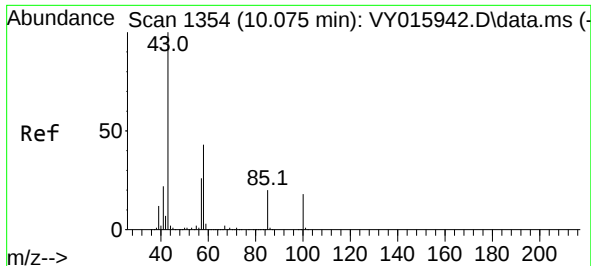
Tgt Ion: 88 Resp: 22278
Ion Ratio Lower Upper
88 100
43 28.6 0.0 0.0#
58 67.1 30.9 46.3#



#50
Toluene-d8
Concen: 48.079 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 98 Resp: 420950
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

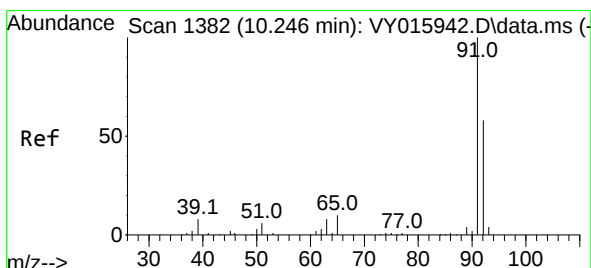
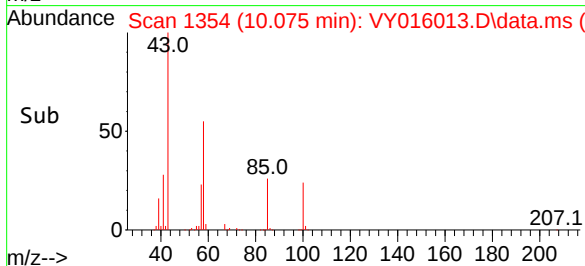
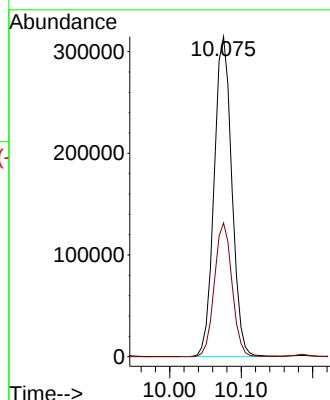
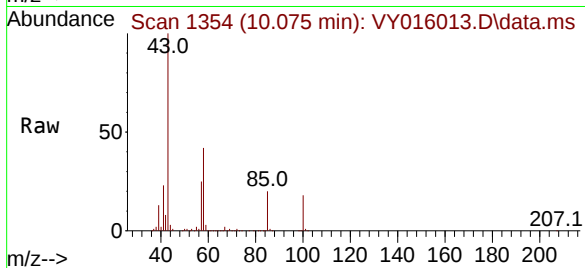




#51
4-Methyl-2-Pentanone
Concen: 125.556 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

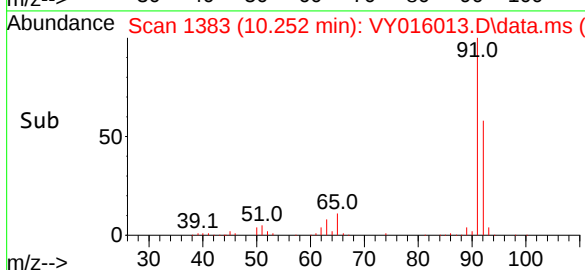
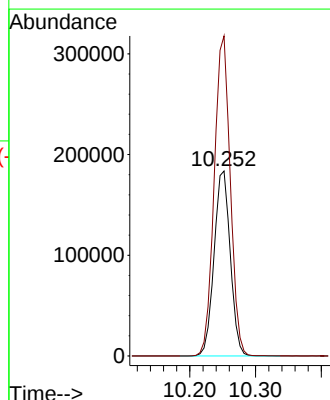
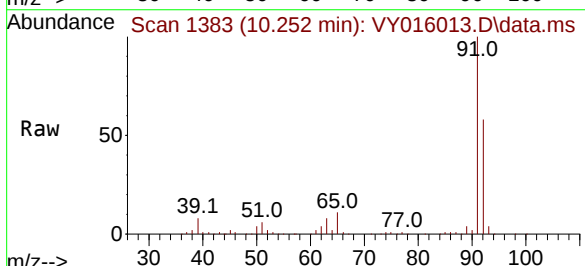
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

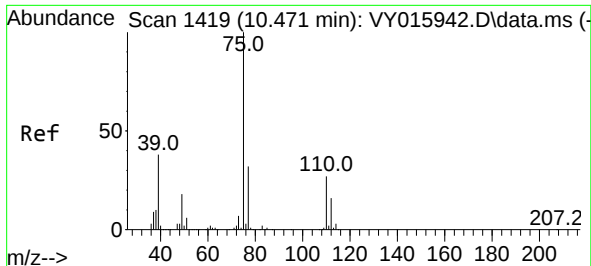
Tgt Ion: 43 Resp: 541073
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.6



#52
Toluene
Concen: 48.190 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 92 Resp: 314475
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6

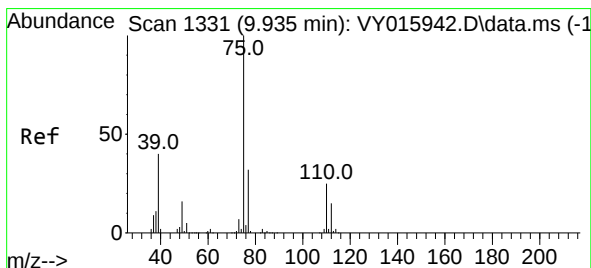
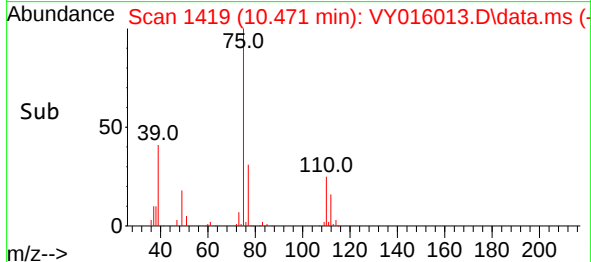
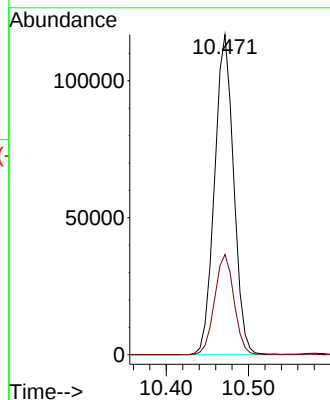
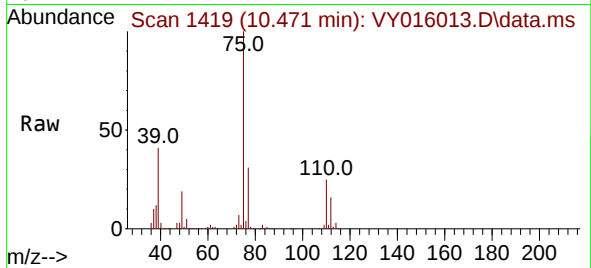




#53
 t-1,3-Dichloropropene
 Concen: 45.484 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY016013.D
 Acq: 18 Oct 2023 10:28

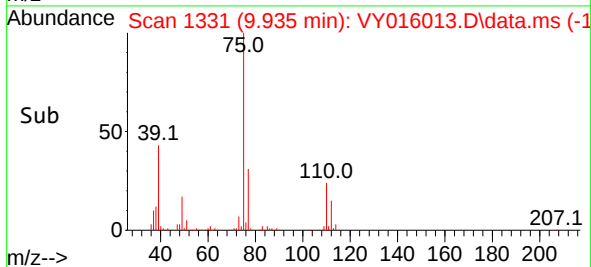
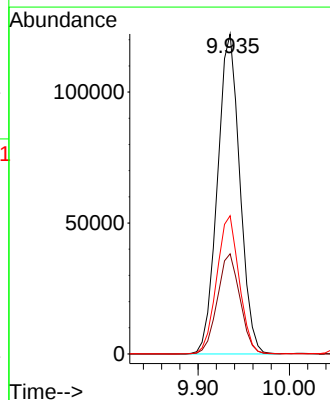
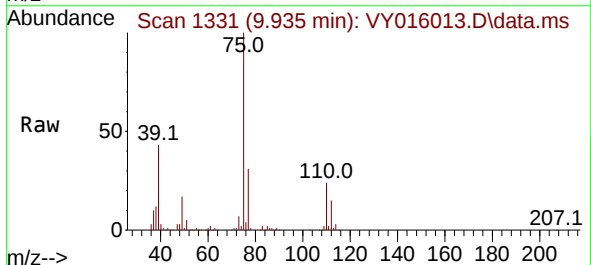
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

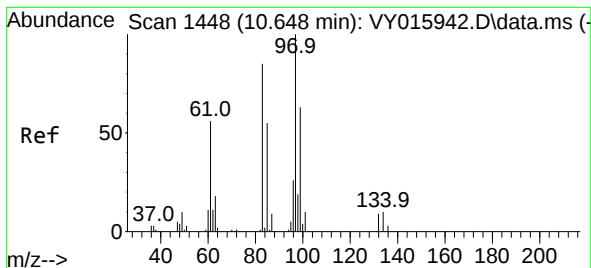
Tgt Ion: 75 Resp: 188530
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 46.688 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY016013.D
 Acq: 18 Oct 2023 10:28

Tgt Ion: 75 Resp: 208029
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 43.1 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 40.885 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 106565

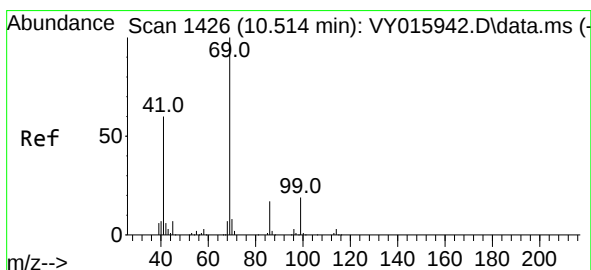
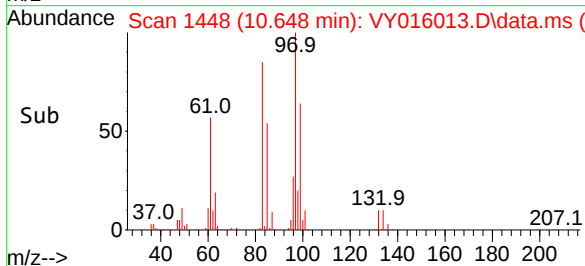
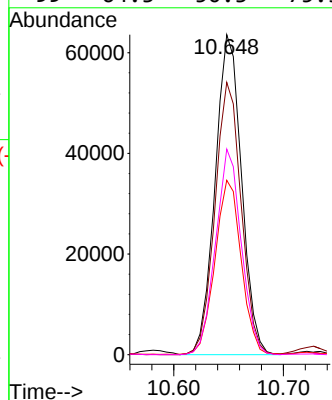
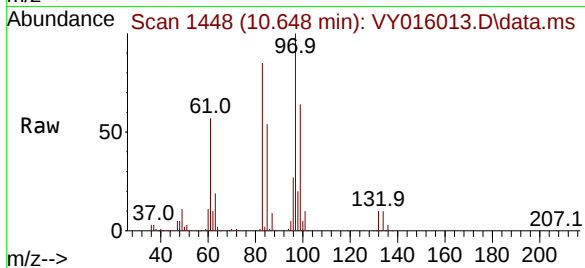
Ion Ratio Lower Upper

97 100

83 85.1 72.0 108.0

85 54.4 45.4 68.0

99 64.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 37.769 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

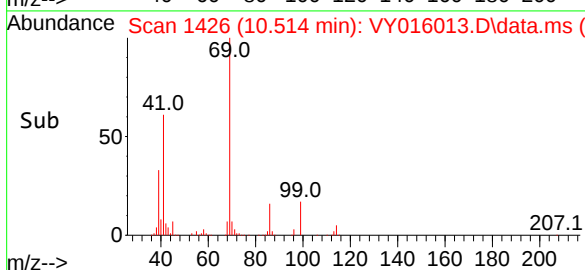
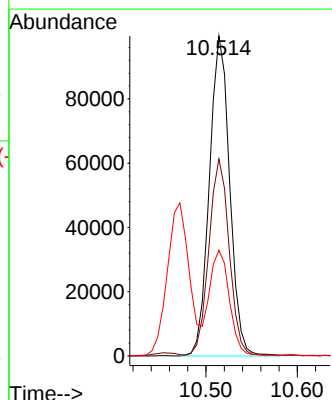
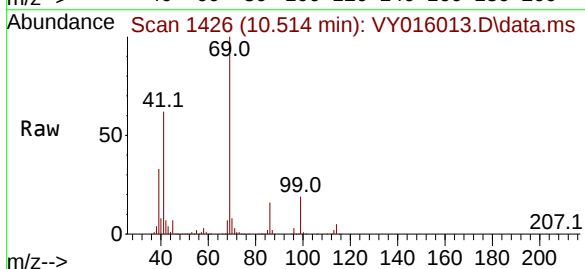
Tgt Ion: 69 Resp: 154111

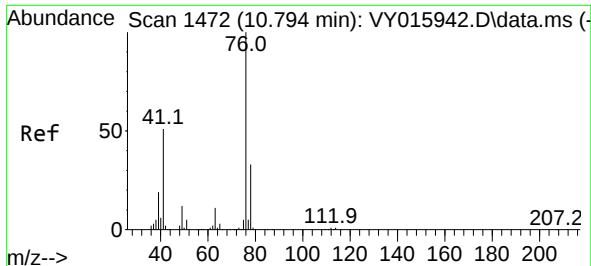
Ion Ratio Lower Upper

69 100

41 61.4 57.6 86.4

39 32.0 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 41.008 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

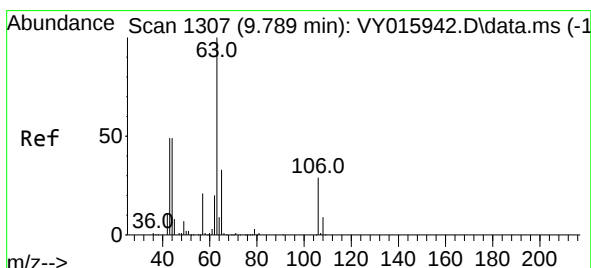
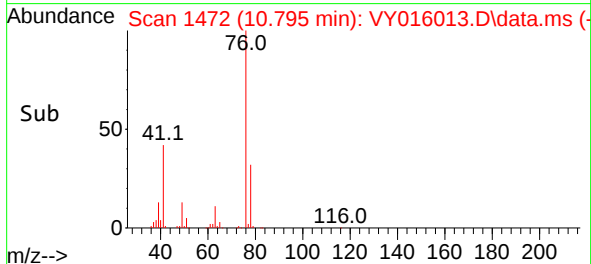
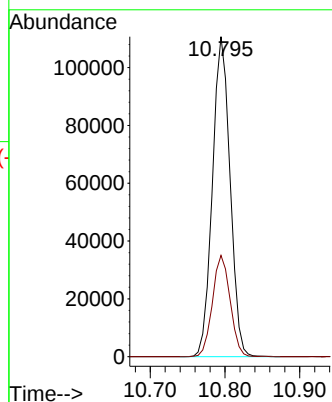
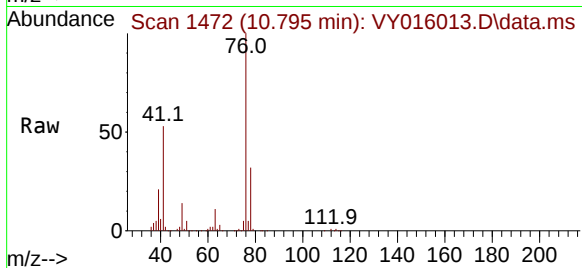
VSTDCCC050

Tgt Ion: 76 Resp: 181329

Ion Ratio Lower Upper

76 100

78 31.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 184.887 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY016013.D

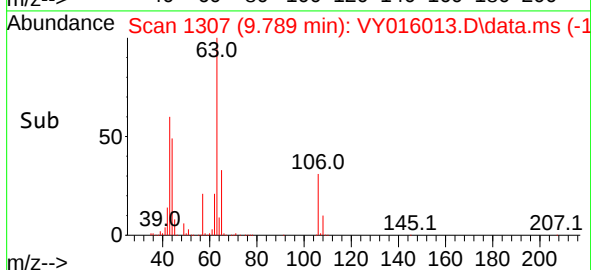
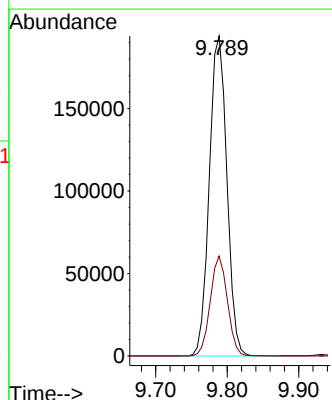
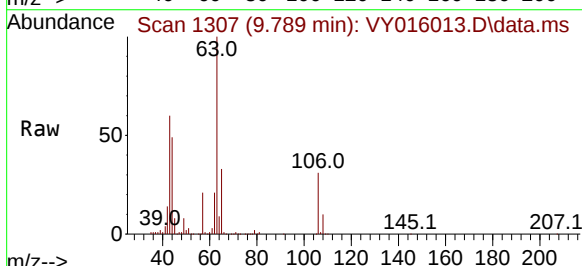
Acq: 18 Oct 2023 10:28

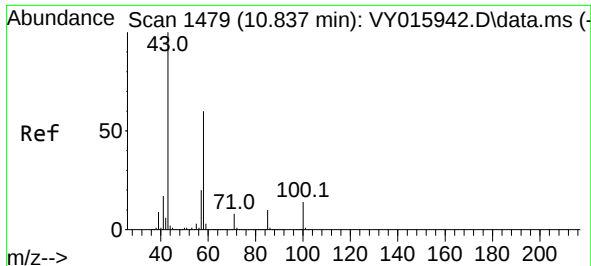
Tgt Ion: 63 Resp: 331048

Ion Ratio Lower Upper

63 100

106 30.4 21.2 31.8

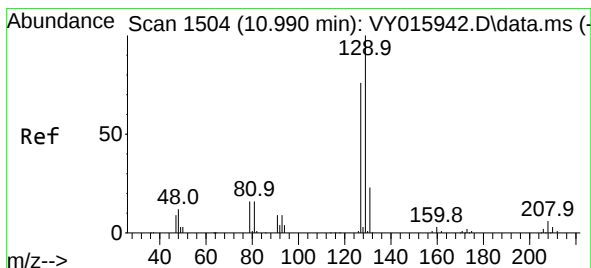
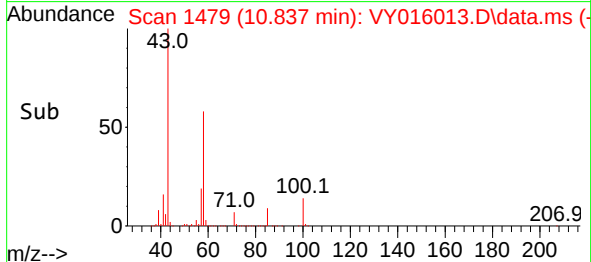
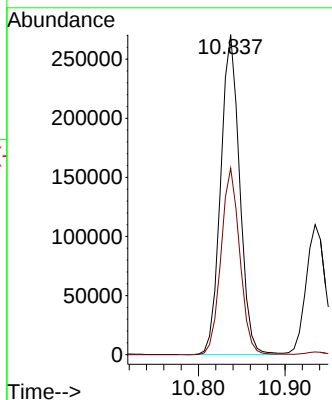
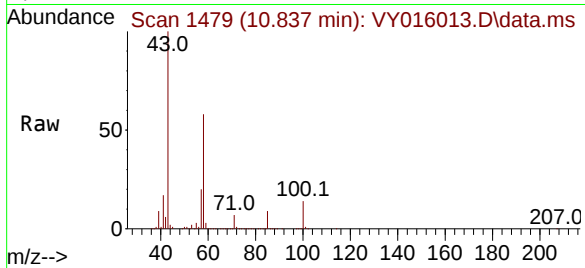




#59
2-Hexanone
Concen: 111.794 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

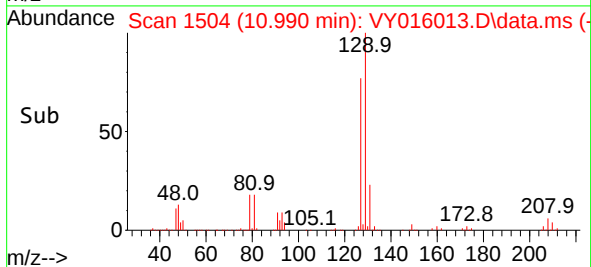
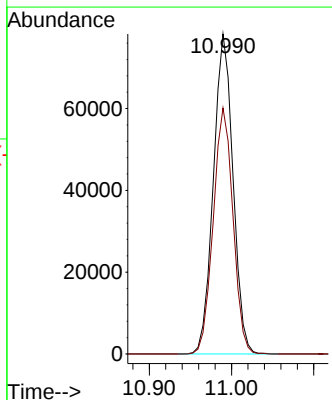
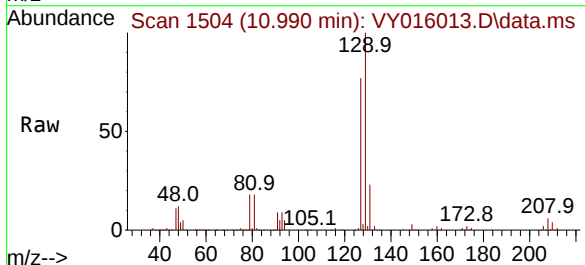
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

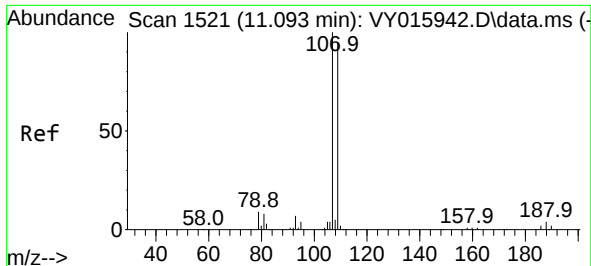
Tgt Ion: 43 Resp: 411242
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3



#60
Dibromochloromethane
Concen: 43.755 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion:129 Resp: 129691
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

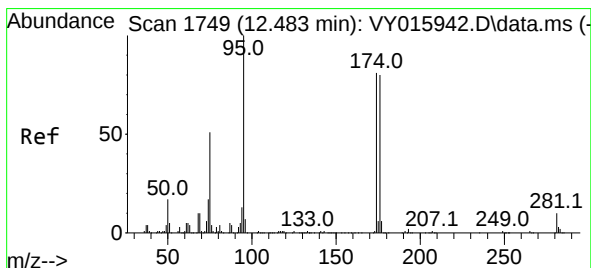
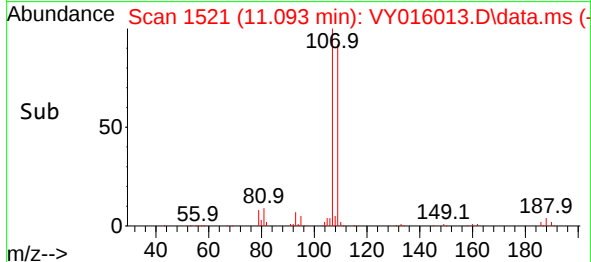
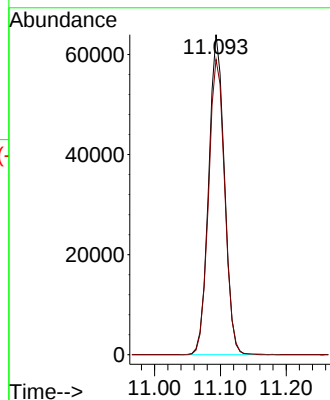
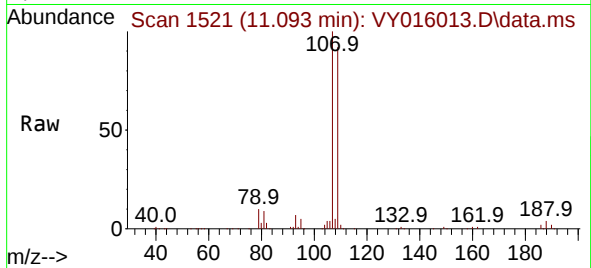




#61
1,2-Dibromoethane
Concen: 37.739 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

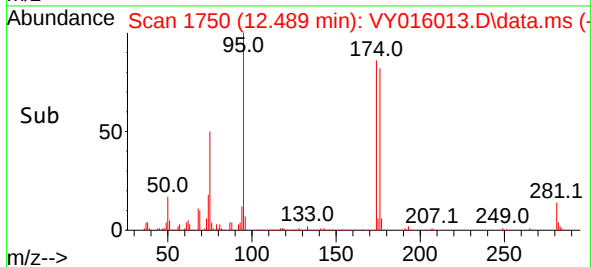
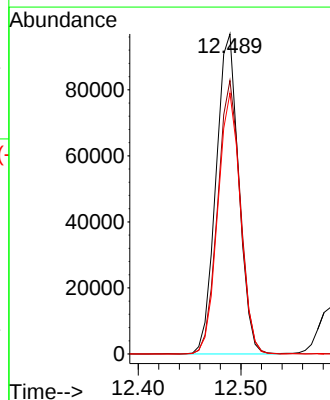
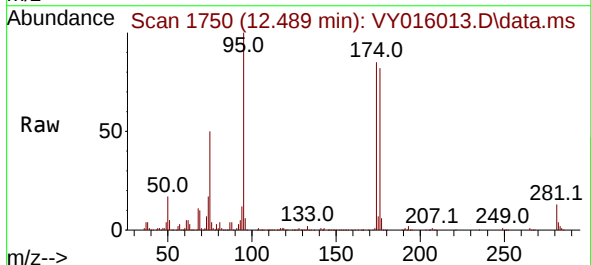
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

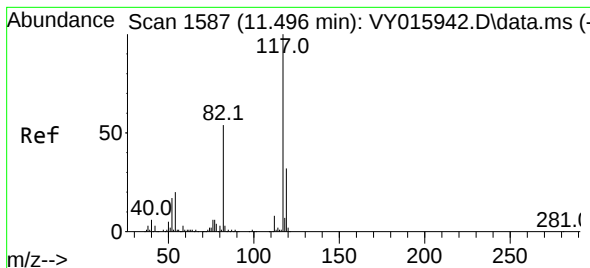
Tgt Ion:107 Resp: 106434
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.688 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 95 Resp: 148673
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

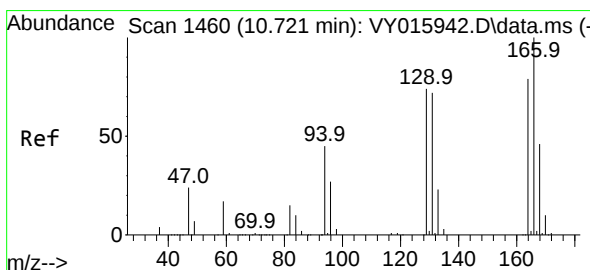
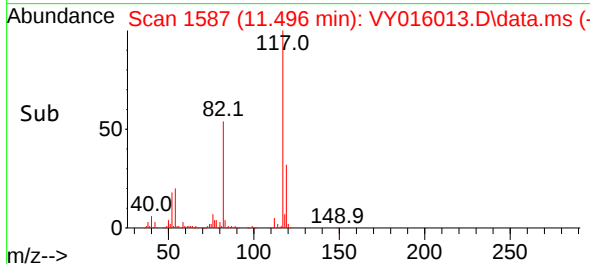
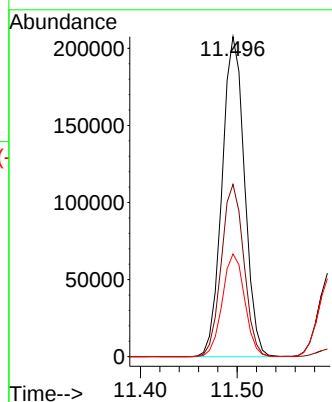
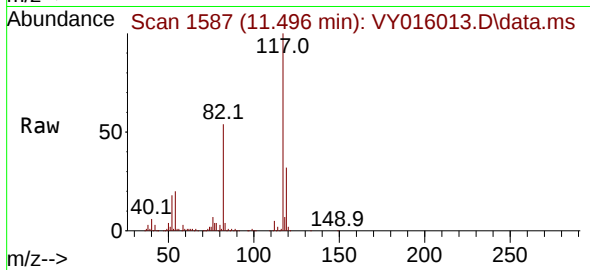
Tgt Ion:117 Resp: 334771

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 39.229 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Tgt Ion:164 Resp: 114483

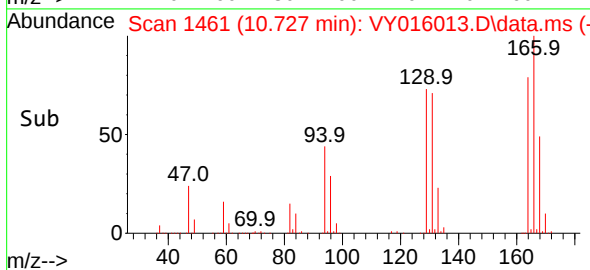
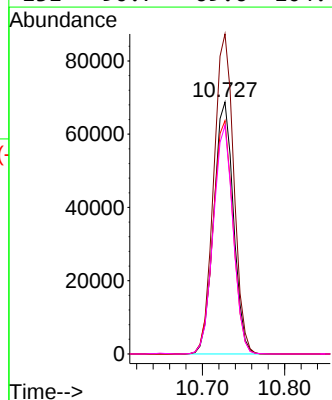
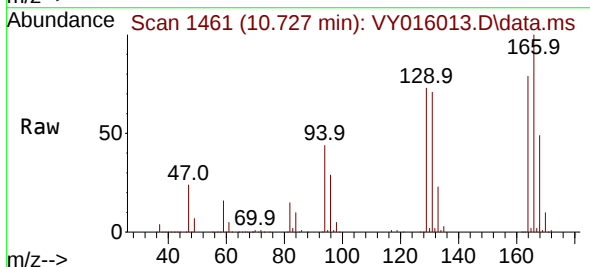
Ion Ratio Lower Upper

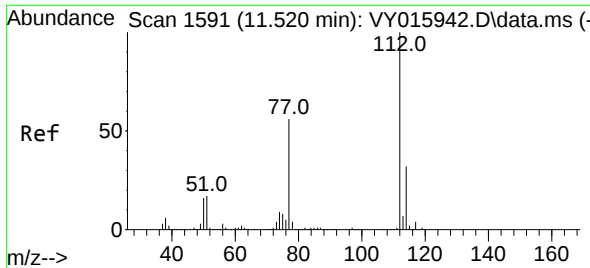
164 100

166 127.1 103.0 154.6

129 92.6 77.2 115.8

131 90.7 69.6 104.4

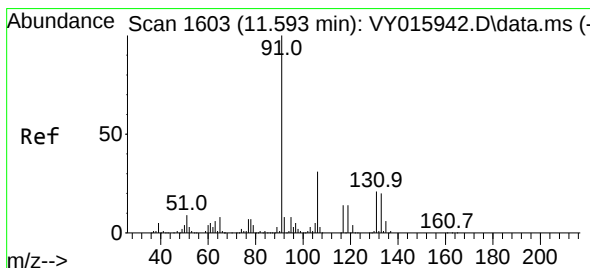
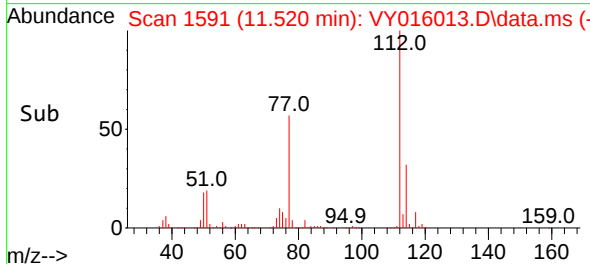
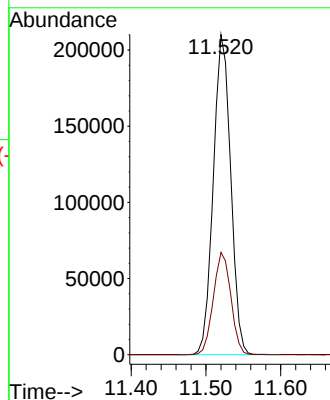
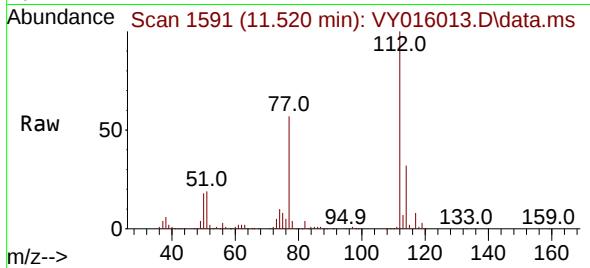




#65
Chlorobenzene
Concen: 48.467 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

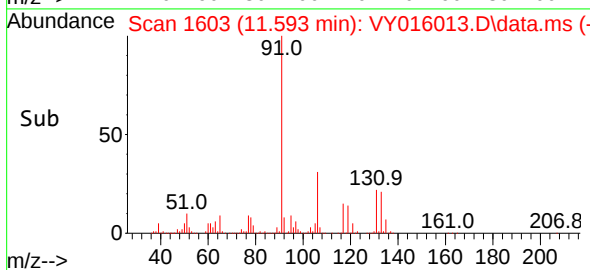
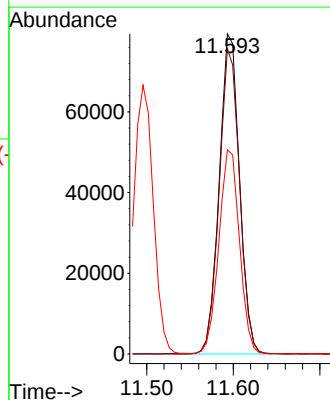
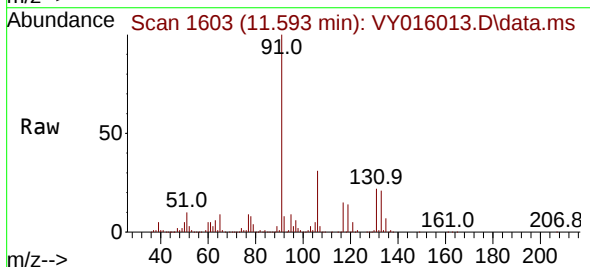
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

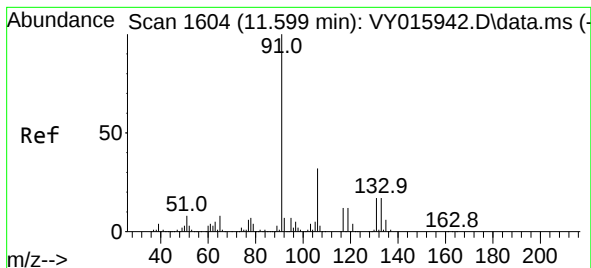
Tgt Ion:112 Resp: 339965
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.696 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion:131 Resp: 129037
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 49.734 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

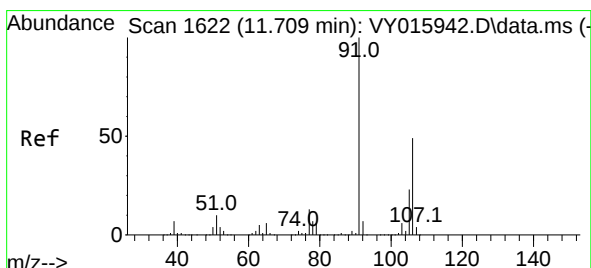
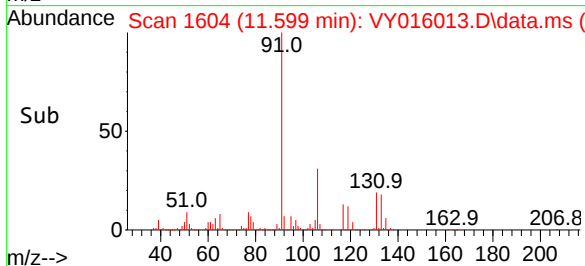
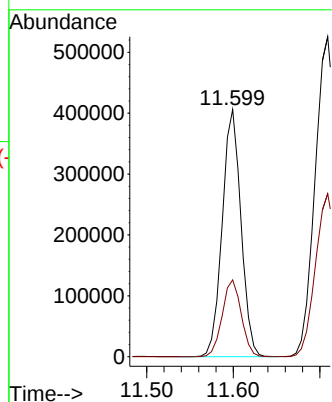
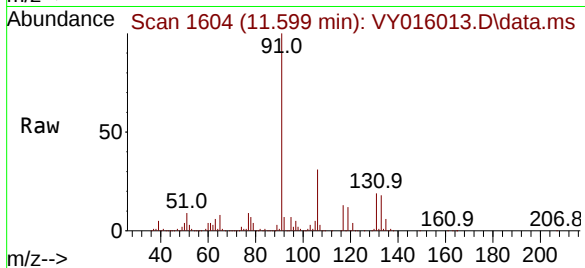
VSTDCCC050

Tgt Ion: 91 Resp: 609982

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 100.513 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016013.D

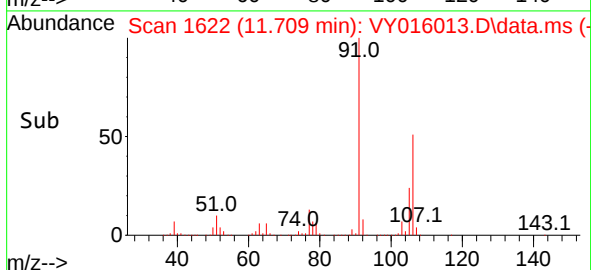
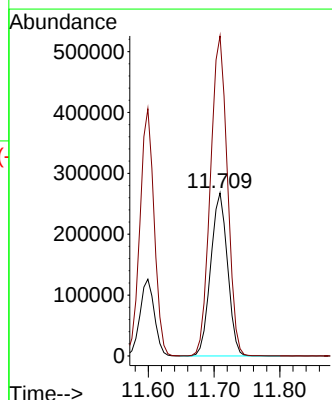
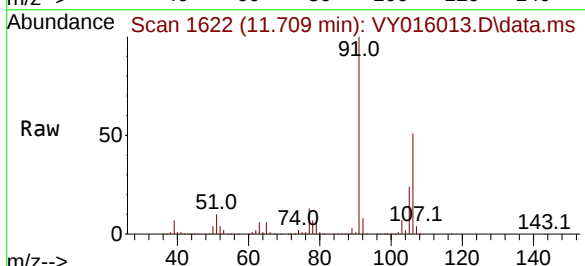
Acq: 18 Oct 2023 10:28

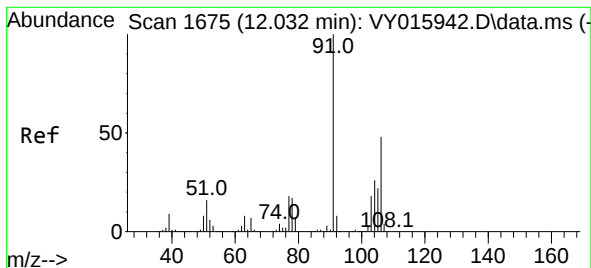
Tgt Ion: 106 Resp: 475755

Ion Ratio Lower Upper

106 100

91 198.4 166.1 249.1





#69

o-Xylene

Concen: 49.856 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

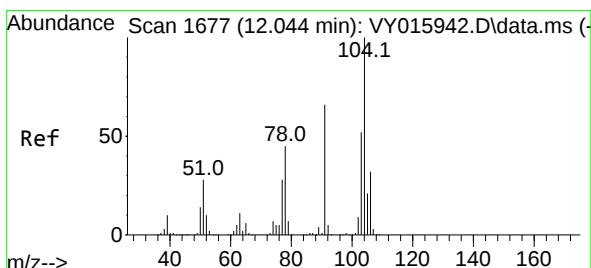
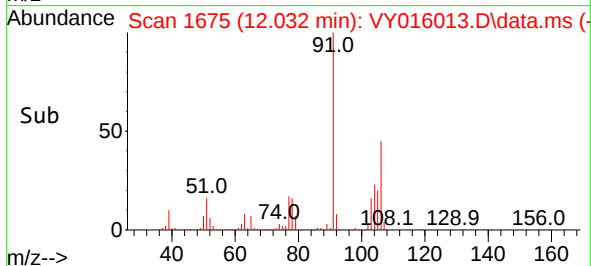
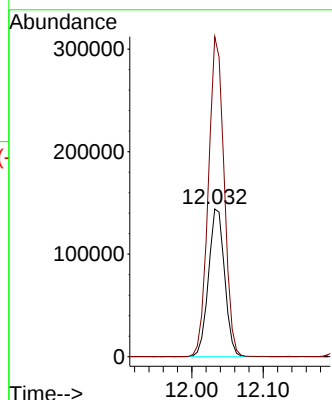
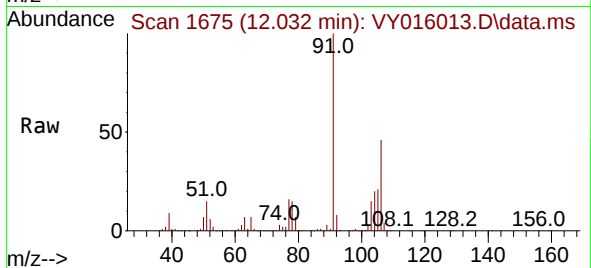
VSTDCCC050

Tgt Ion:106 Resp: 225610

Ion Ratio Lower Upper

106 100

91 211.2 108.1 324.3



#70

Styrene

Concen: 50.107 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

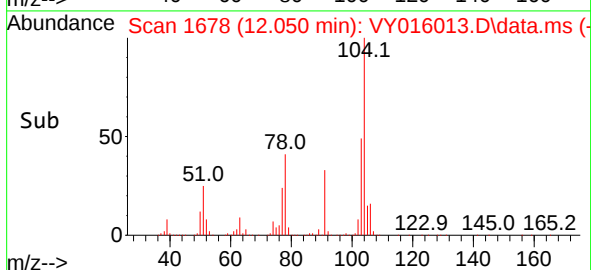
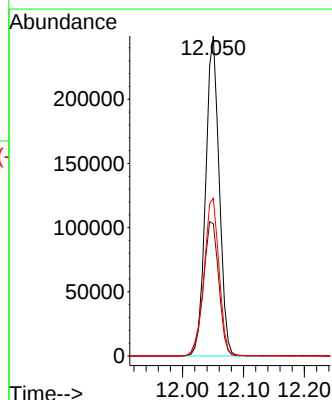
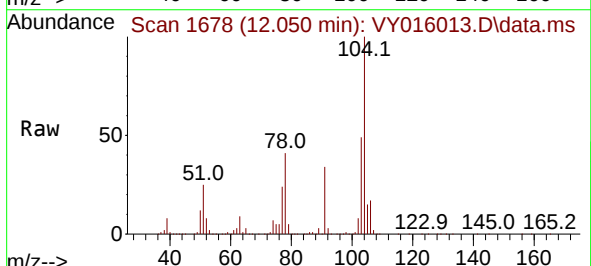
Tgt Ion:104 Resp: 385893

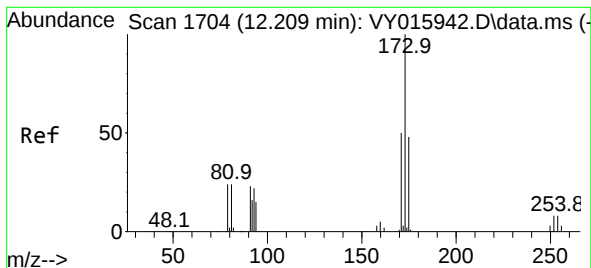
Ion Ratio Lower Upper

104 100

78 48.0 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 39.247 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

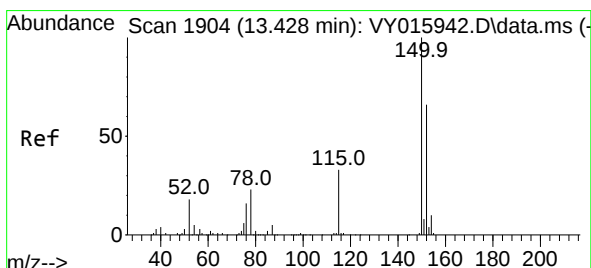
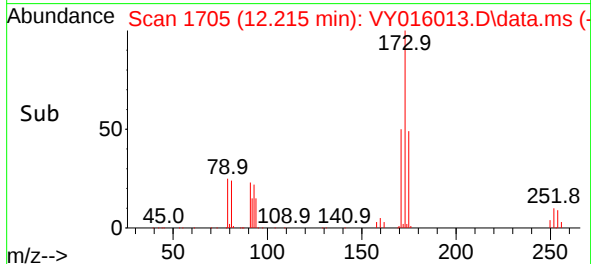
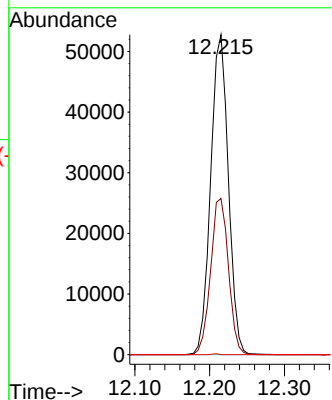
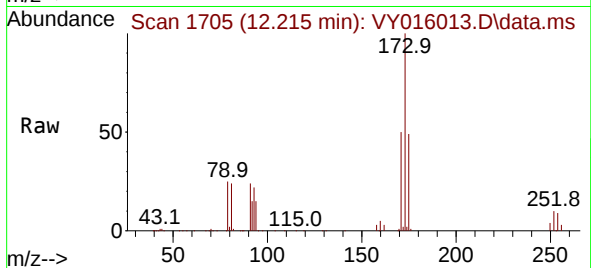
Tgt Ion:173 Resp: 86783

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

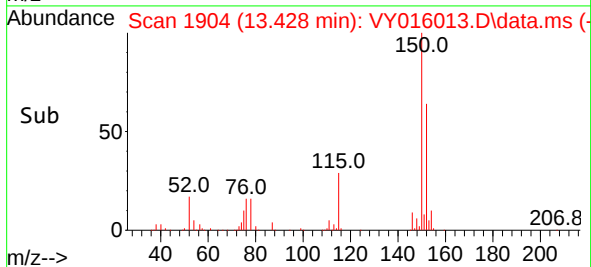
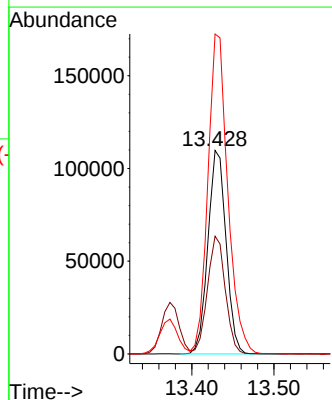
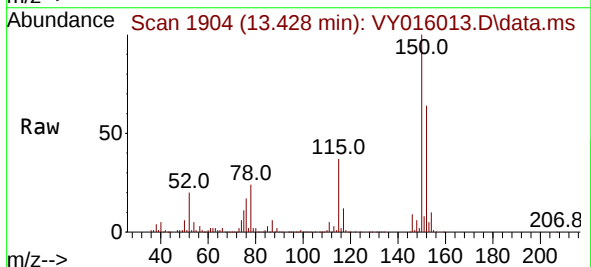
Tgt Ion:152 Resp: 168452

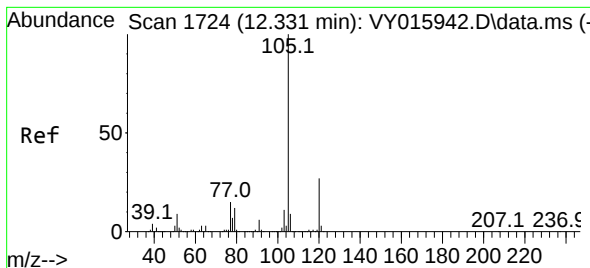
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 172.3 0.0 348.8





#73

Isopropylbenzene

Concen: 49.936 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

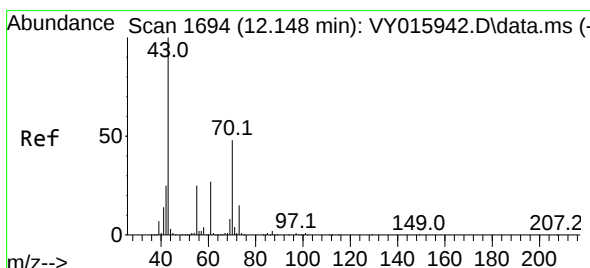
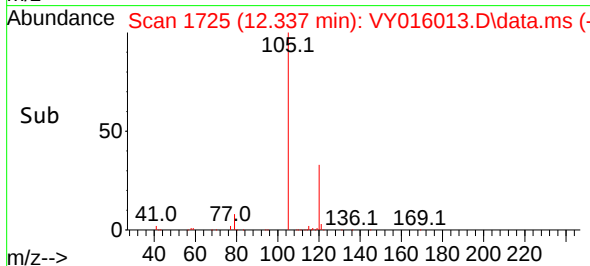
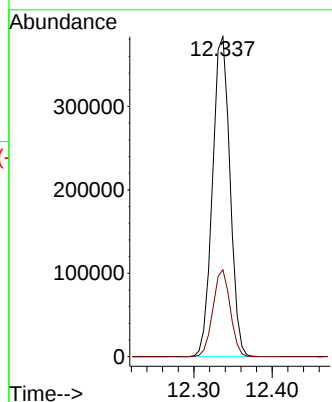
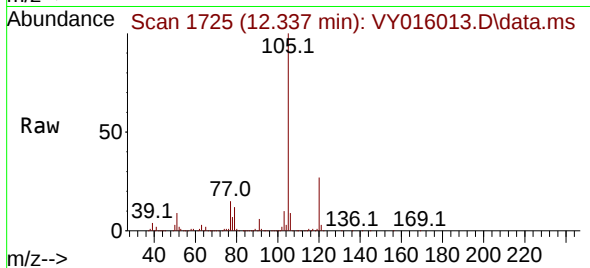
VSTDCCC050

Tgt Ion:105 Resp: 595491

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 36.834 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Tgt Ion: 43 Resp: 177449

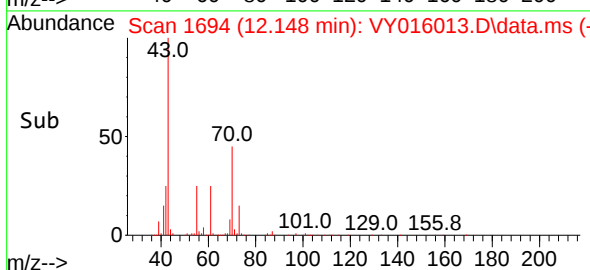
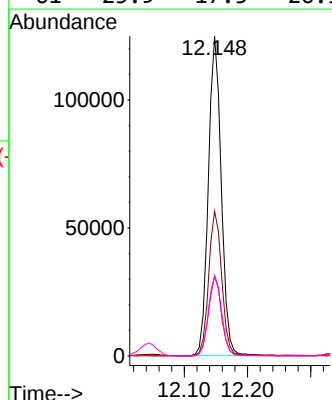
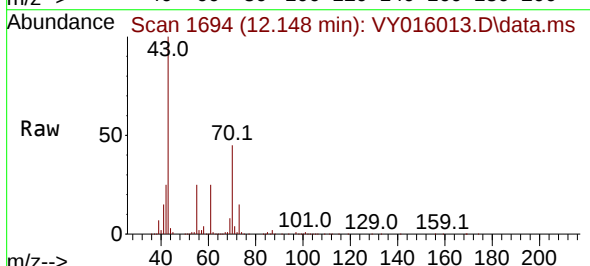
Ion Ratio Lower Upper

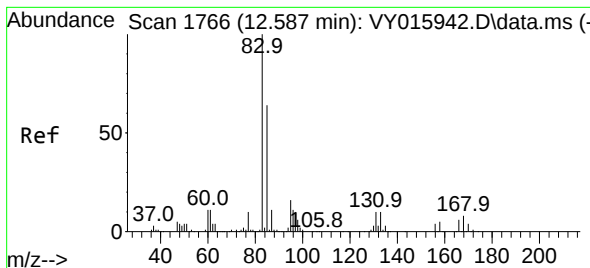
43 100

70 46.2 29.7 44.5

55 25.0 18.3 27.5

61 25.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 37.053 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

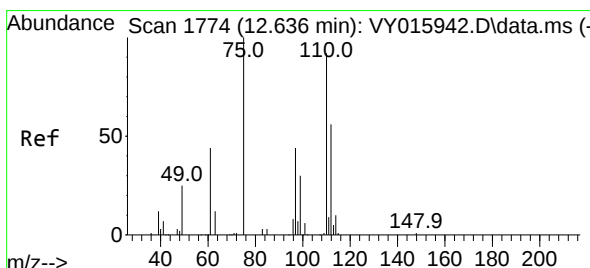
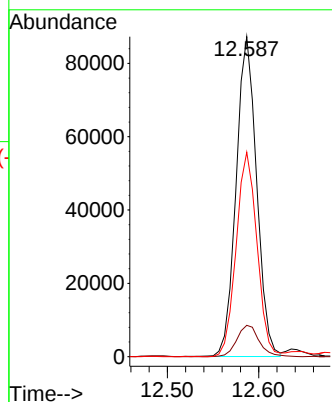
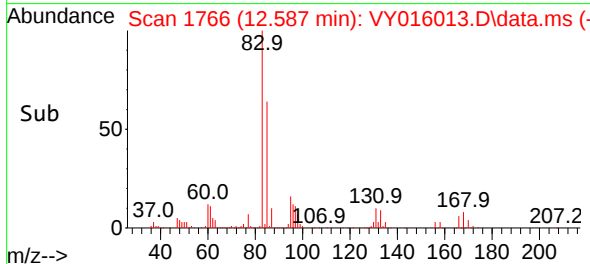
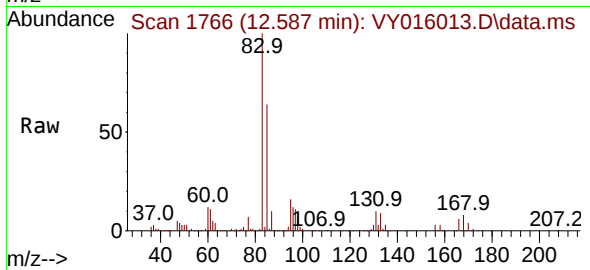
Tgt Ion: 83 Resp: 135719

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 52.771 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY016013.D

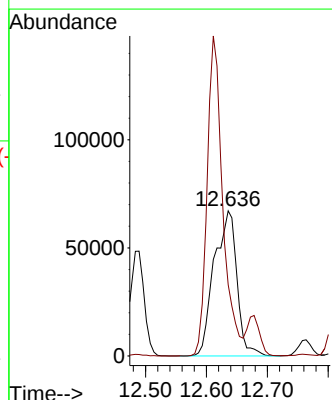
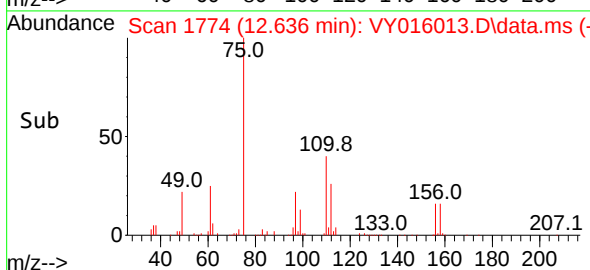
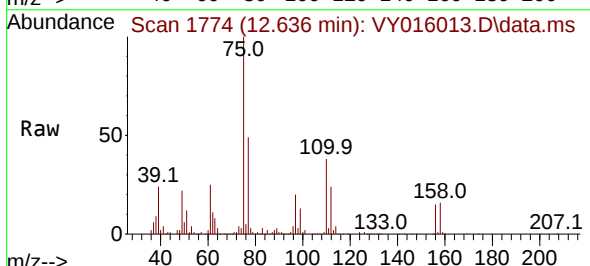
Acq: 18 Oct 2023 10:28

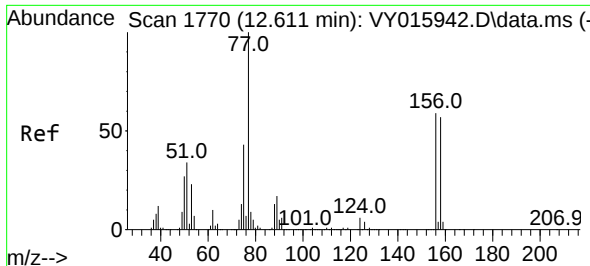
Tgt Ion: 75 Resp: 173967

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

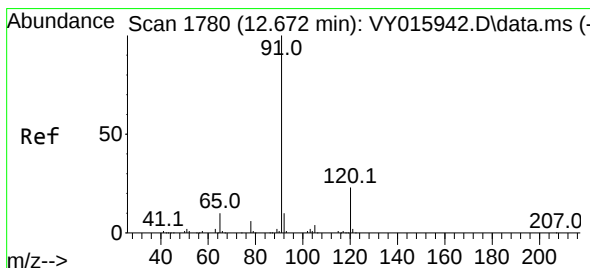
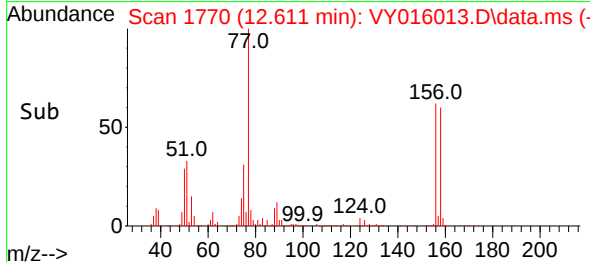
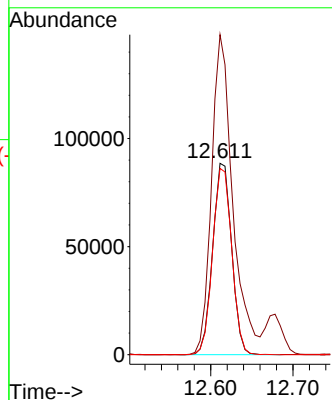
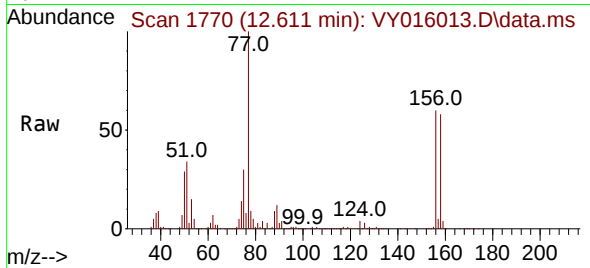




#77
Bromobenzene
Concen: 47.301 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

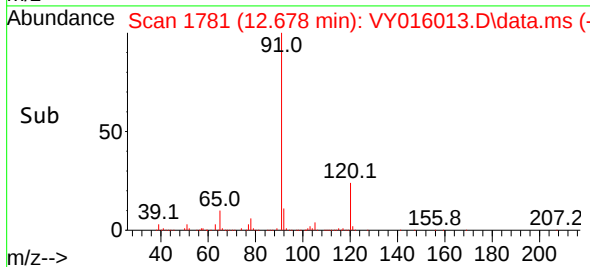
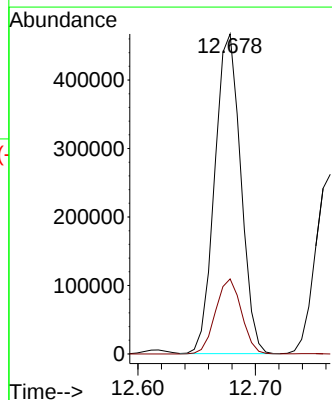
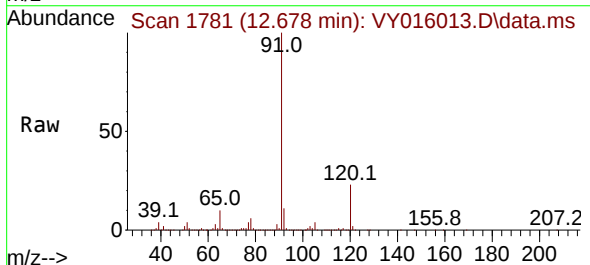
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

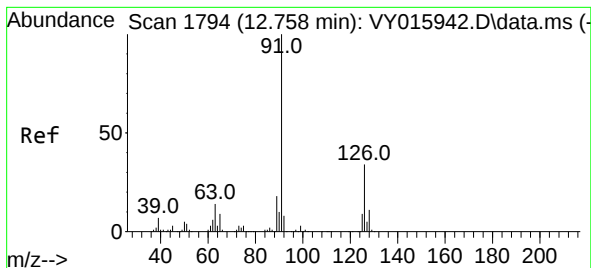
Tgt Ion:156 Resp: 141603
Ion Ratio Lower Upper
156 100
77 187.0 92.8 278.6
158 98.4 48.4 145.3



#78
n-propylbenzene
Concen: 49.496 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 91 Resp: 717749
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.071 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

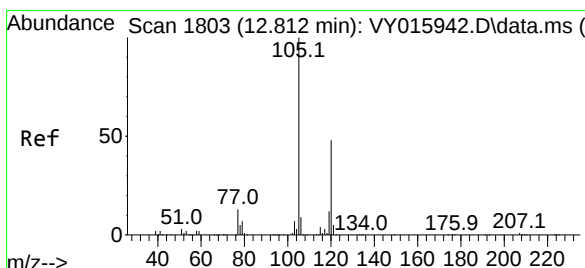
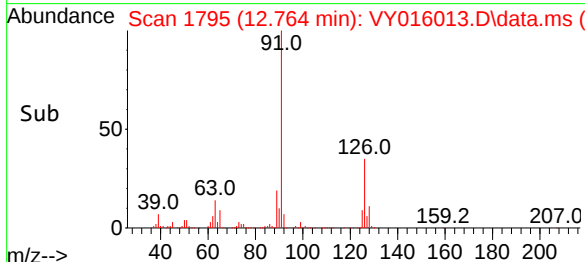
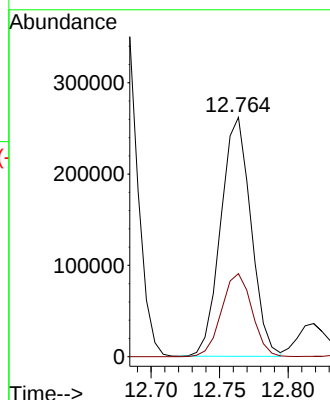
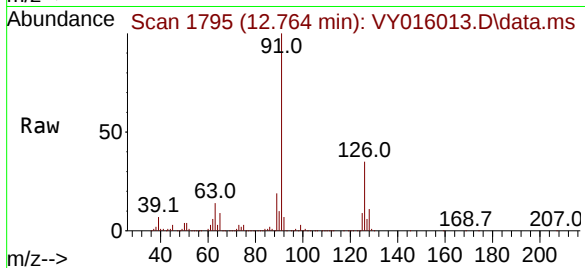
VSTDCCC050

Tgt Ion: 91 Resp: 402481

Ion Ratio Lower Upper

91 100

126 35.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 50.306 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY016013.D

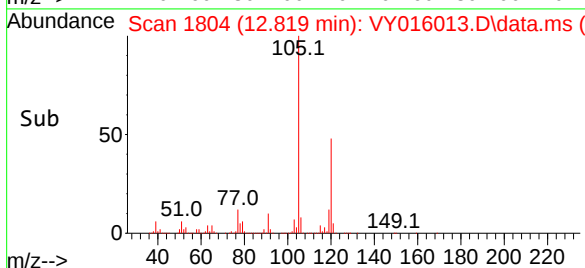
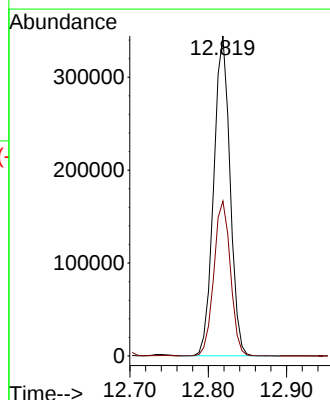
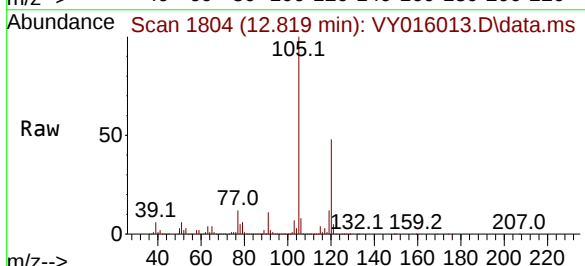
Acq: 18 Oct 2023 10:28

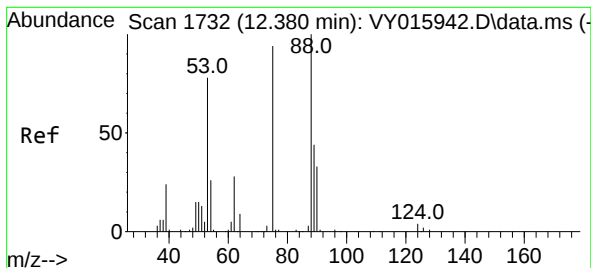
Tgt Ion:105 Resp: 498389

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

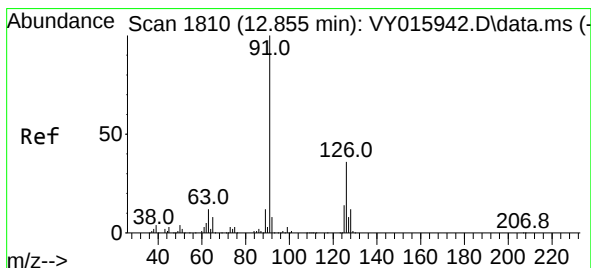
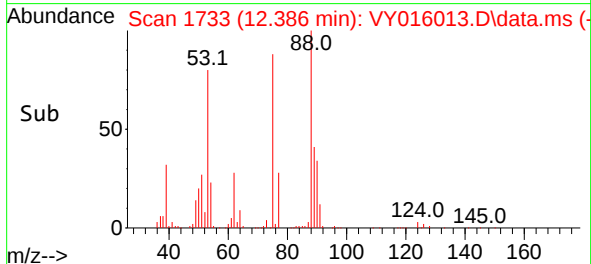
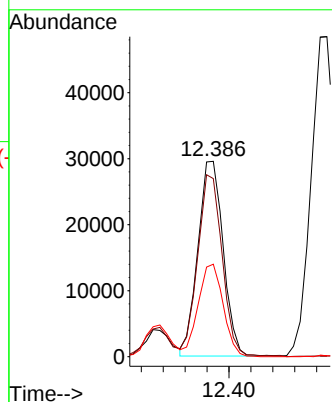
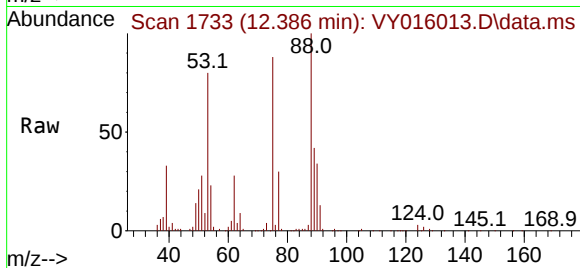




#81
trans-1,4-Dichloro-2-butene
Concen: 33.694 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

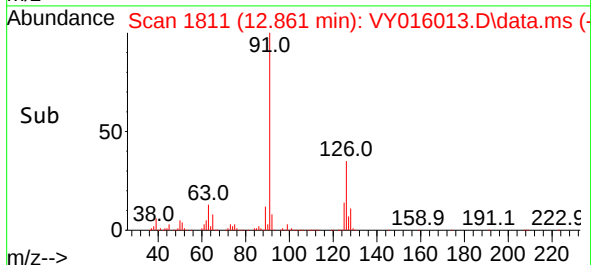
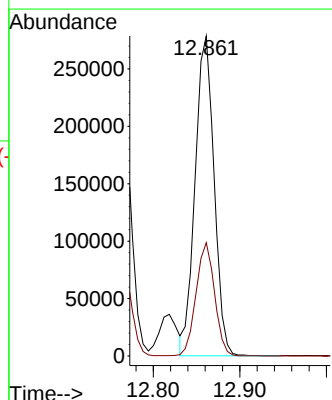
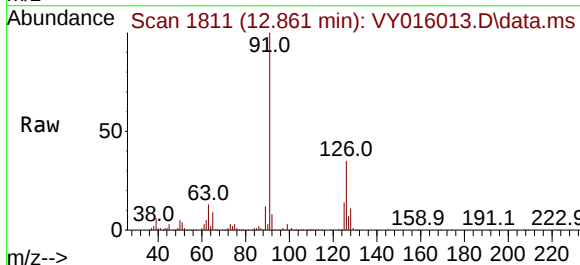
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

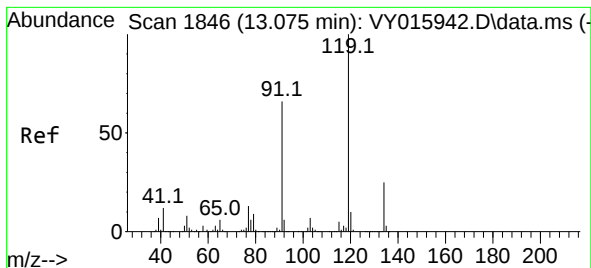
Tgt Ion: 75 Resp: 47152
Ion Ratio Lower Upper
75 100
53 90.7 77.8 116.8
89 47.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.229 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 91 Resp: 423412
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.291 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

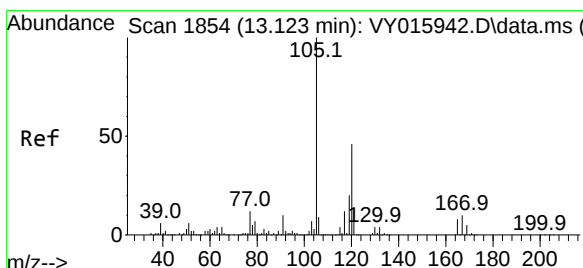
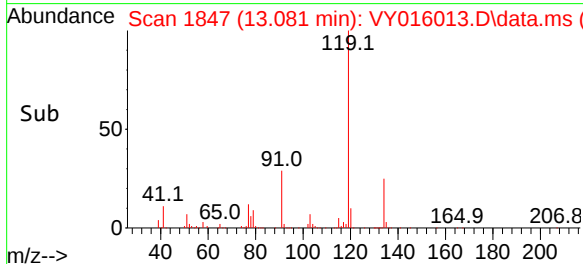
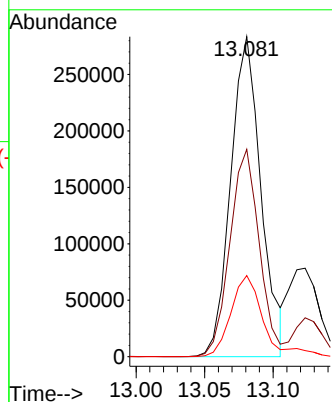
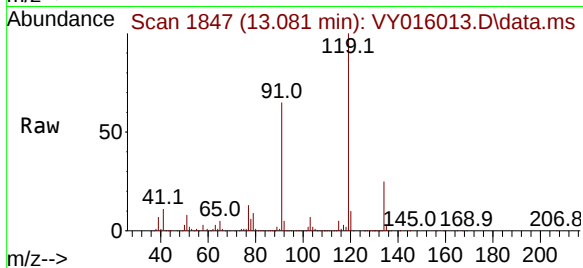
Tgt Ion:119 Resp: 437815

Ion Ratio Lower Upper

119 100

91 62.5 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.538 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY016013.D

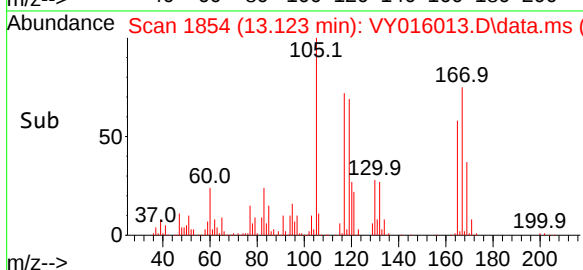
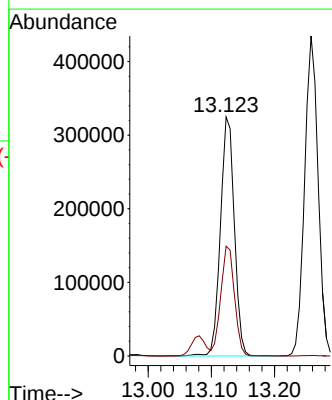
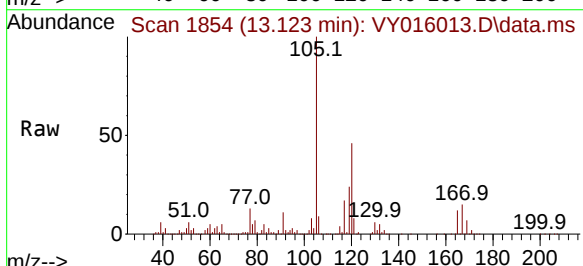
Acq: 18 Oct 2023 10:28

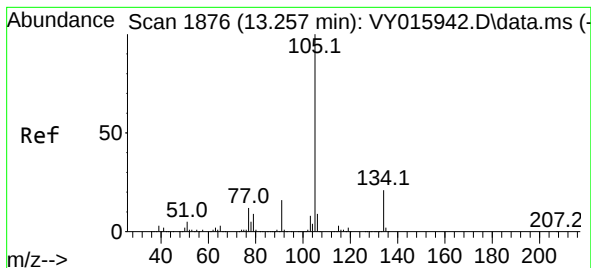
Tgt Ion:105 Resp: 492648

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.485 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

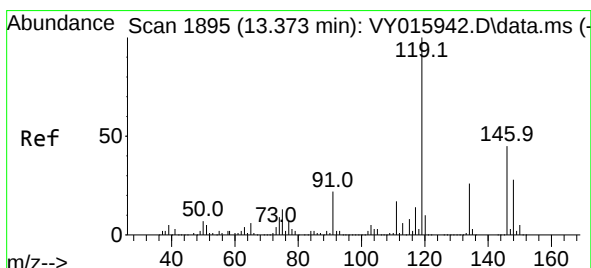
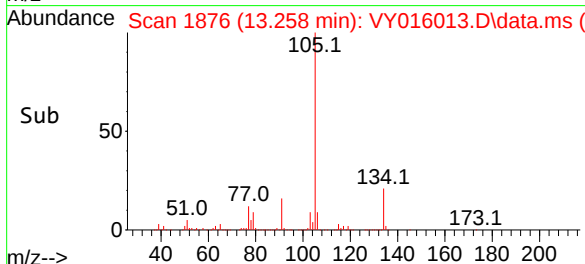
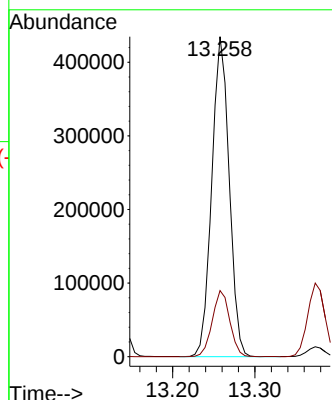
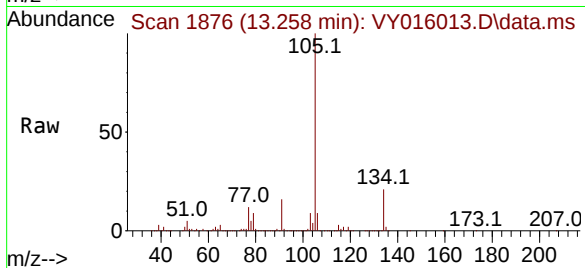
VSTDCCC050

Tgt Ion:105 Resp: 639347

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.824 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016013.D

Acq: 18 Oct 2023 10:28

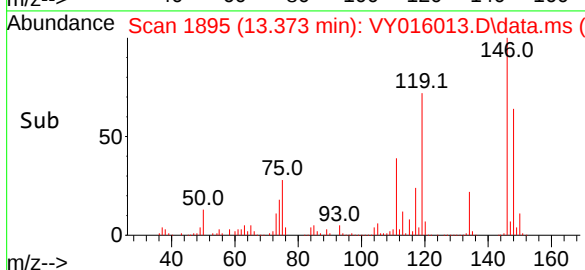
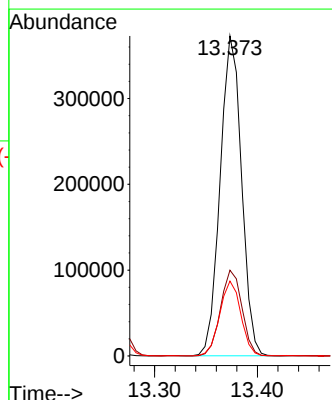
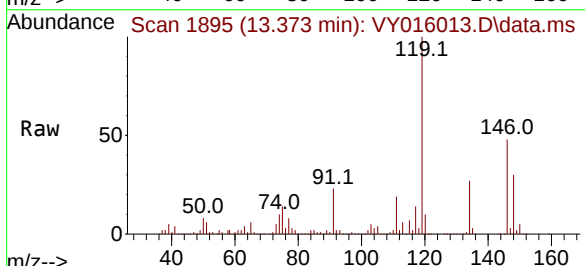
Tgt Ion:119 Resp: 537935

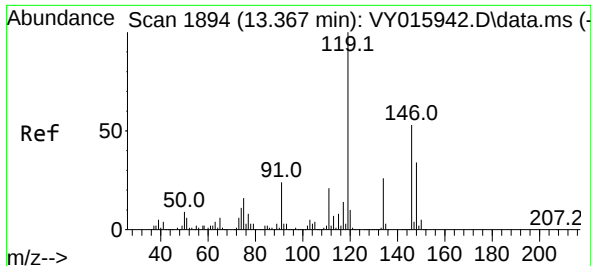
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.1 12.4 37.4

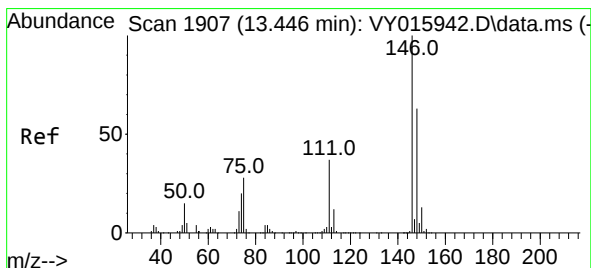
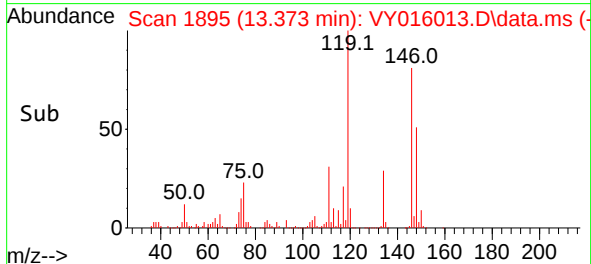
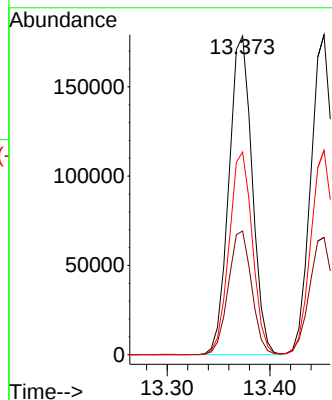
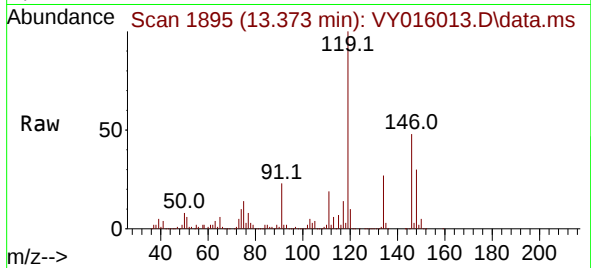




#87
1,3-Dichlorobenzene
Concen: 48.814 ug/l
RT: 13.373 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

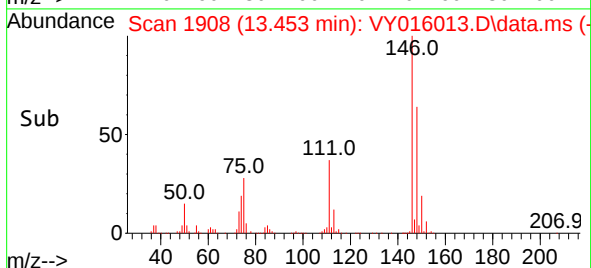
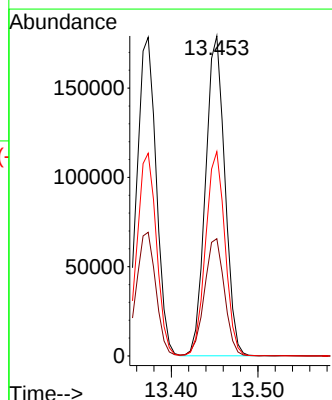
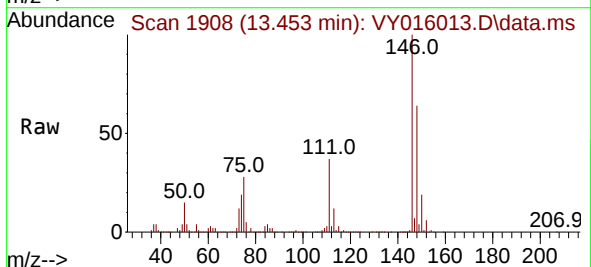
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

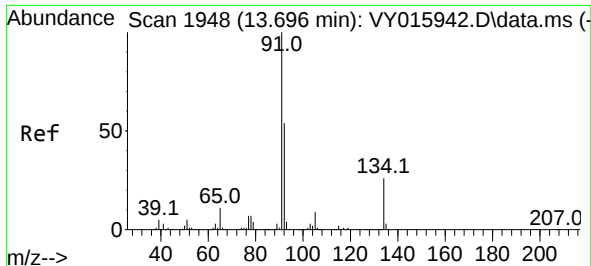
Tgt Ion:146 Resp: 280632
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 63.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 47.760 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion:146 Resp: 277269
Ion Ratio Lower Upper
146 100
111 38.0 18.9 56.7
148 64.2 32.1 96.5

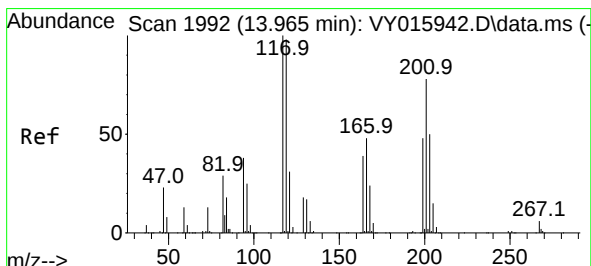
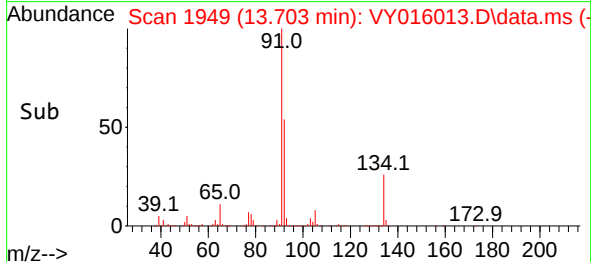
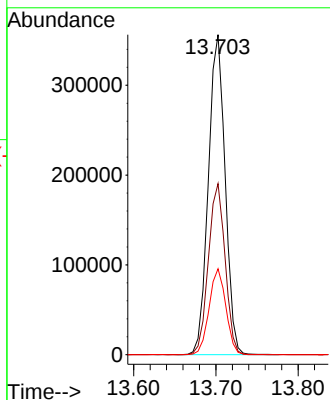
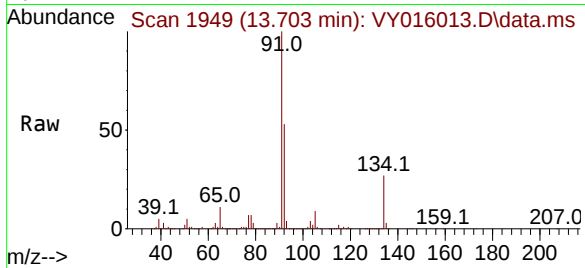




#89
n-Butylbenzene
Concen: 49.726 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

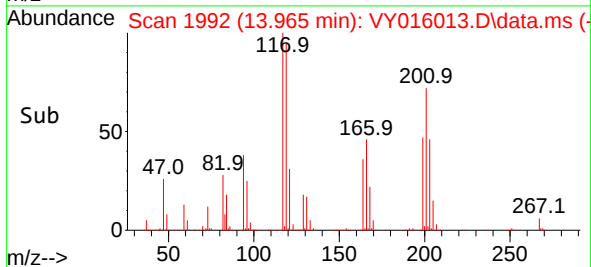
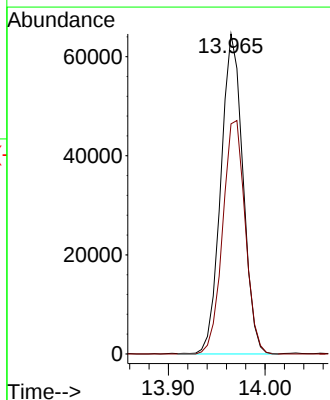
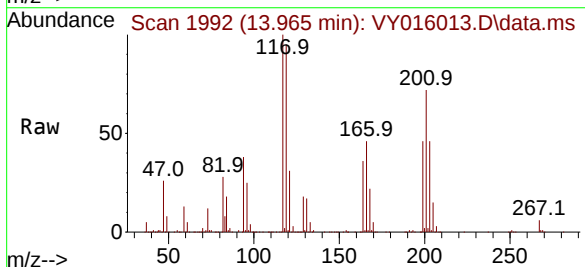
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

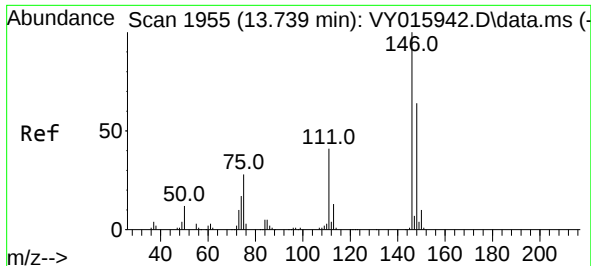
Tgt Ion: 91 Resp: 504850
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 26.8 12.6 37.6



#90
Hexachloroethane
Concen: 49.481 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 117 Resp: 102391
Ion Ratio Lower Upper
117 100
201 74.4 41.6 124.8

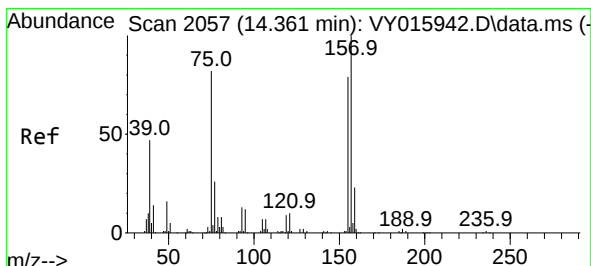
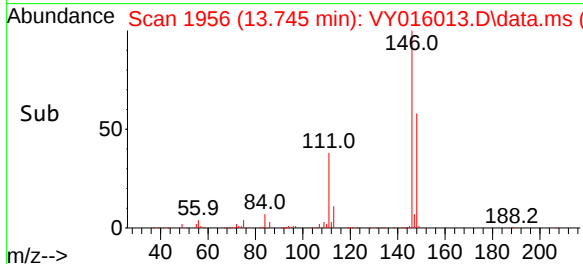
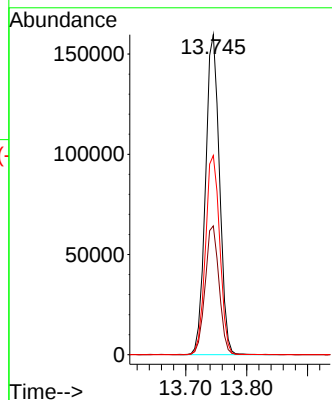
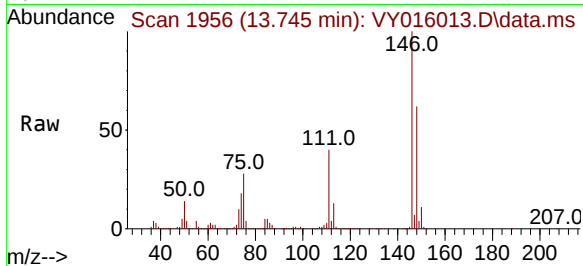




#91
1,2-Dichlorobenzene
Concen: 47.127 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 254201
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.121 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY016013.D
Acq: 18 Oct 2023 10:28

Tgt Ion: 75 Resp: 24226
Ion Ratio Lower Upper
75 100
155 89.1 41.5 124.6
157 111.3 51.8 155.5

