

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\Not Reviewed Data\
 Data File : VY017351.D
 Acq On : 12 Feb 2024 13:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 12 18:08:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	114996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	194003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	170768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	43547	42.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.780%
35) Dibromofluoromethane	7.728	113	43607	41.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.260%
50) Toluene-d8	10.185	98	157923	41.408	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.820%
62) 4-Bromofluorobenzene	12.483	95	54496	43.620	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35072	40.231	ug/l	95
3) Chloromethane	2.119	50	75479	48.197	ug/l	99
4) Vinyl Chloride	2.253	62	96327	50.474	ug/l	99
5) Bromomethane	2.656	94	65341	49.393	ug/l	97
6) Chloroethane	2.802	64	63596	51.610	ug/l	99
7) Trichlorofluoromethane	3.131	101	97165	49.513	ug/l	97
8) Diethyl Ether	3.539	74	32615	52.837	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	58525	49.197	ug/l	99
10) Methyl Iodide	4.106	142	63212	50.544	ug/l	99
11) Tert butyl alcohol	4.972	59	24716	288.379	ug/l	98
12) 1,1-Dichloroethene	3.881	96	54888	49.241	ug/l	97
13) Acrolein	3.741	56	19701	230.534	ug/l	99
14) Allyl chloride	4.491	41	86431	51.290	ug/l	98
15) Acrylonitrile	5.173	53	77782	279.865	ug/l	100
16) Acetone	3.960	43	76530	253.462	ug/l	97
17) Carbon Disulfide	4.204	76	154059	43.297	ug/l	99
18) Methyl Acetate	4.491	43	42989	63.822	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	151536	56.447	ug/l	99
20) Methylene Chloride	4.728	84	66328	53.910	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	63294	49.914	ug/l	97
22) Diisopropyl ether	6.130	45	200821	54.267	ug/l	98
23) Vinyl Acetate	6.070	43	611551	272.737	ug/l	98
24) 1,1-Dichloroethane	6.027	63	117697	51.918	ug/l	99
25) 2-Butanone	6.996	43	108773	270.990	ug/l	99
26) 2,2-Dichloropropane	6.990	77	99774	52.913	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	74768	52.718	ug/l	99
28) Bromochloromethane	7.344	49	45332	52.225	ug/l	99
29) Tetrahydrofuran	7.362	42	65750	289.975	ug/l	100
30) Chloroform	7.514	83	120369	52.782	ug/l	97
31) Cyclohexane	7.795	56	95530	46.135	ug/l	97
32) 1,1,1-Trichloroethane	7.709	97	102808	52.410	ug/l	99
36) 1,1-Dichloropropene	7.929	75	91025	50.377	ug/l	99
37) Ethyl Acetate	7.082	43	44393	52.973	ug/l	99
38) Carbon Tetrachloride	7.911	117	90074	52.066	ug/l	99
39) Methylcyclohexane	9.191	83	103610	49.084	ug/l	97
40) Benzene	8.167	78	268444	52.026	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	60548	152.492	ug/l #	33
42) 1,2-Dichloroethane	8.246	62	72865	53.336	ug/l	100
43) Isopropyl Acetate	8.283	43	84828	57.181	ug/l	99
44) Trichloroethene	8.947	130	68510	52.306	ug/l	97
45) 1,2-Dichloropropane	9.221	63	67520	53.274	ug/l	98
46) Dibromomethane	9.313	93	37139	54.247	ug/l	99
47) Bromodichloromethane	9.502	83	93365	54.493	ug/l	99
48) Methyl methacrylate	9.301	41	38654	55.550	ug/l	96
49) 1,4-Dioxane	9.307	88	9038	1212.870	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	236865	297.858	ug/l	100
52) Toluene	10.252	92	166000	53.299	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	90043	55.949	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	105159	54.553	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	51958	55.781	ug/l	99
56) Ethyl methacrylate	10.514	69	68225	54.172	ug/l	100
57) 1,3-Dichloropropane	10.794	76	89464	55.842	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	153428	264.398	ug/l	98
59) 2-Hexanone	10.837	43	169872	295.413	ug/l	99
60) Dibromochloromethane	10.989	129	60728	55.574	ug/l	98
61) 1,2-Dibromoethane	11.093	107	47702	55.064	ug/l	99
64) Tetrachloroethene	10.727	164	56113	50.595	ug/l	97
65) Chlorobenzene	11.520	112	171961	52.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	64533	53.905	ug/l	99
67) Ethyl Benzene	11.599	91	321825	54.055	ug/l	100
68) m/p-Xylenes	11.709	106	240552	106.468	ug/l	99
69) o-Xylene	12.032	106	114215	54.894	ug/l	99
70) Styrene	12.050	104	192079	56.029	ug/l	99
71) Bromoform	12.209	173	34751	55.428	ug/l #	98
73) Isopropylbenzene	12.331	105	303045	51.837	ug/l	100
74) N-amyl acetate	12.148	43	74147	56.447	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	60810	52.886	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	75647	102.992	ug/l #	100
77) Bromobenzene	12.611	156	66356	51.172	ug/l	98
78) n-propylbenzene	12.672	91	376211	52.397	ug/l	100
79) 2-Chlorotoluene	12.757	91	207054	52.454	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	245971	52.903	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	19829	56.096	ug/l	95
82) 4-Chlorotoluene	12.855	91	211908	52.160	ug/l	99
83) tert-Butylbenzene	13.080	119	217566	54.590	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	242297	52.796	ug/l	99
85) sec-Butylbenzene	13.257	105	329727	52.934	ug/l	99
86) p-Isopropyltoluene	13.373	119	264382	53.114	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	133636	51.659	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	130242	51.823	ug/l	99
89) n-Butylbenzene	13.696	91	258083	54.532	ug/l	100
90) Hexachloroethane	13.964	117	52609	51.483	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	115897	52.627	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8268	55.204	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	60117	54.958	ug/l	100
94) Hexachlorobutadiene	15.111	225	33120	51.409	ug/l	99
95) Naphthalene	15.239	128	118467	53.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	50759	54.560	ug/l	97

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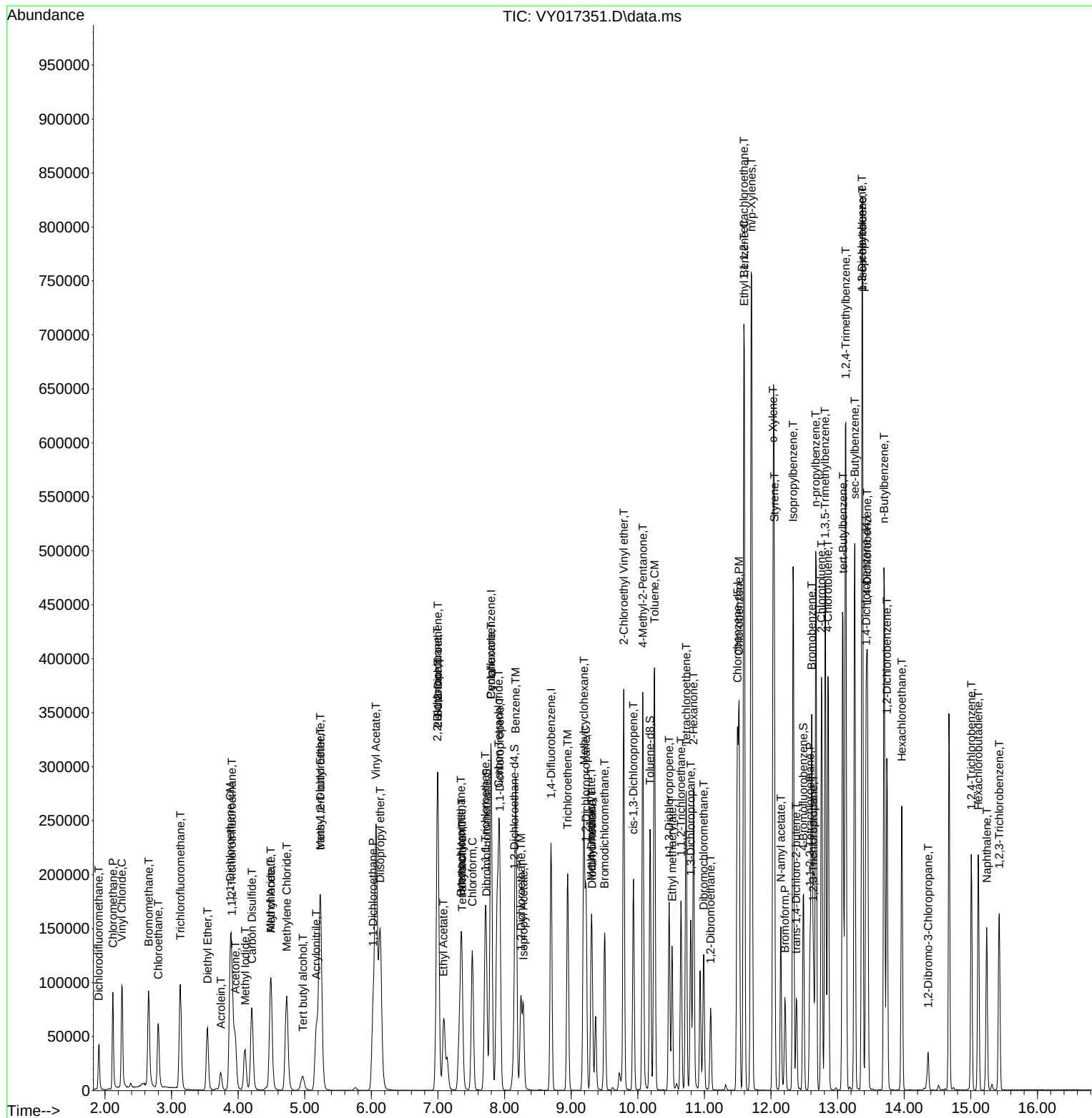
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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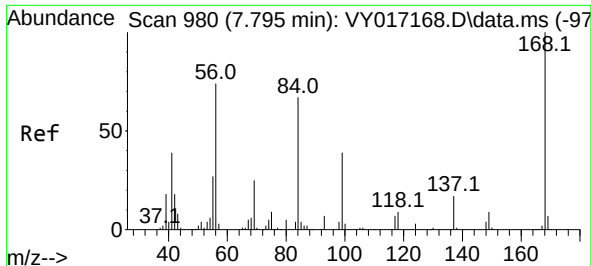
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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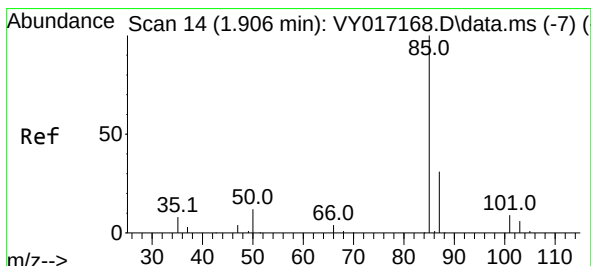
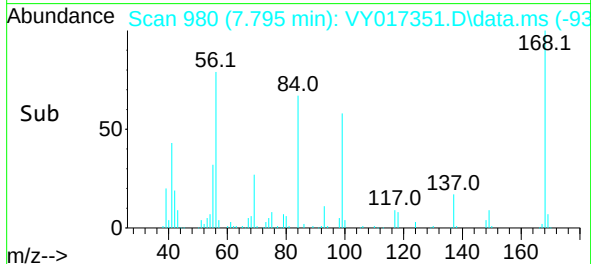
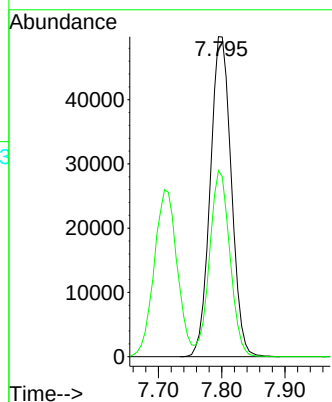
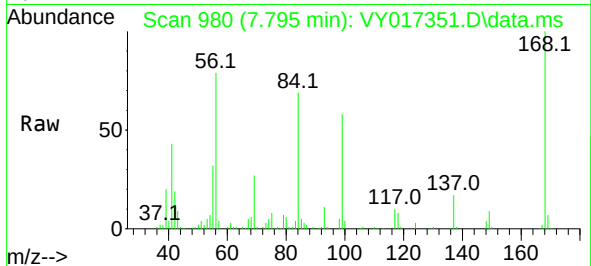




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
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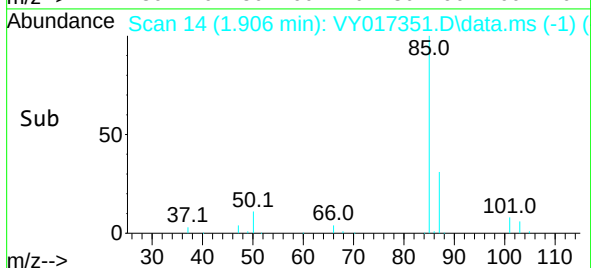
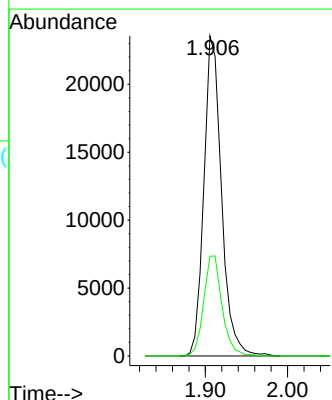
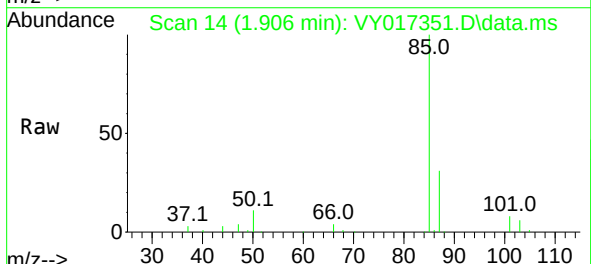
Instrument :
MSVOA_Y
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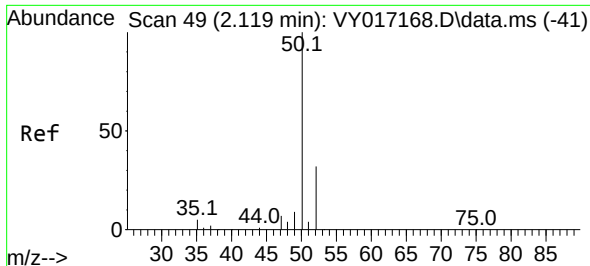
Tgt Ion:168 Resp: 114996
Ion Ratio Lower Upper
168 100
99 58.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 40.231 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 85 Resp: 35072
Ion Ratio Lower Upper
85 100
87 31.1 17.1 51.3

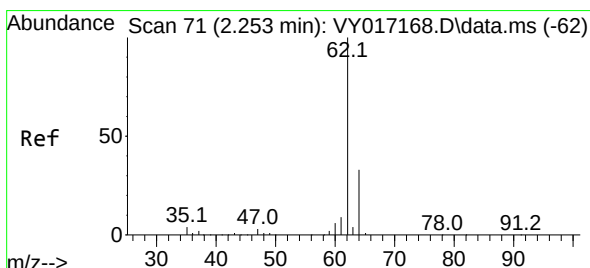
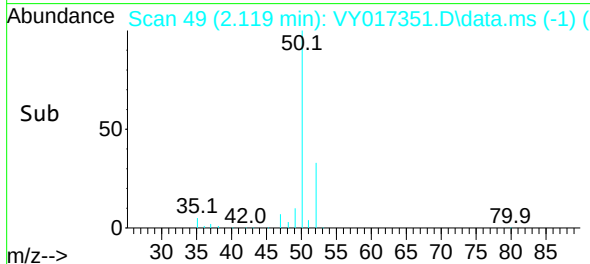
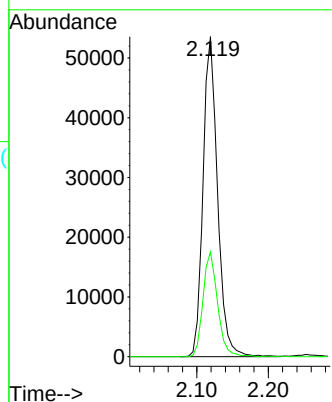
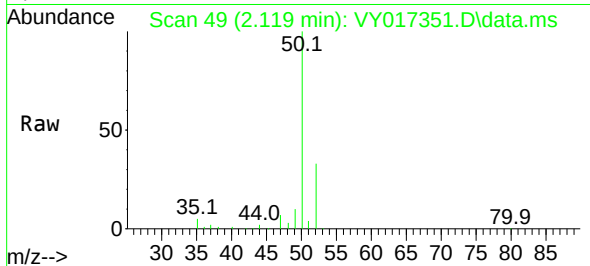




#3
Chloromethane
Concen: 48.197 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY017351.D
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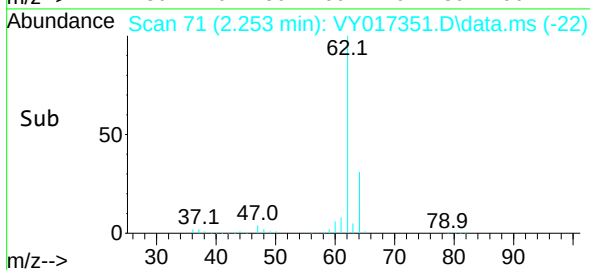
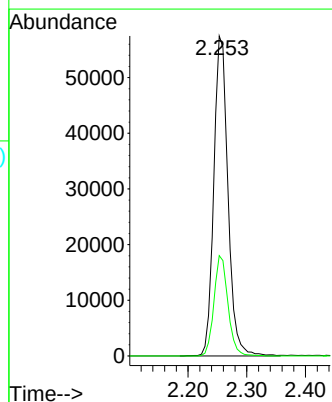
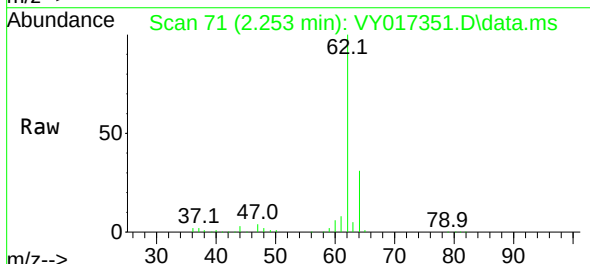
Instrument :
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ClientSampleId :
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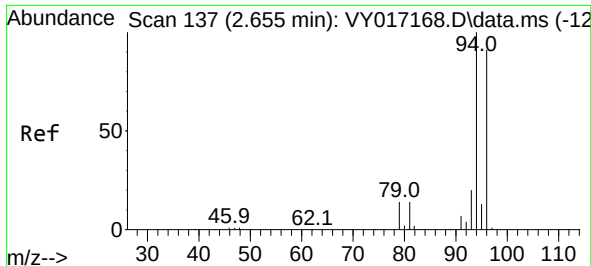
Tgt Ion: 50 Resp: 75479
Ion Ratio Lower Upper
50 100
52 32.8 26.7 40.1



#4
Vinyl Chloride
Concen: 50.474 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 62 Resp: 96327
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5

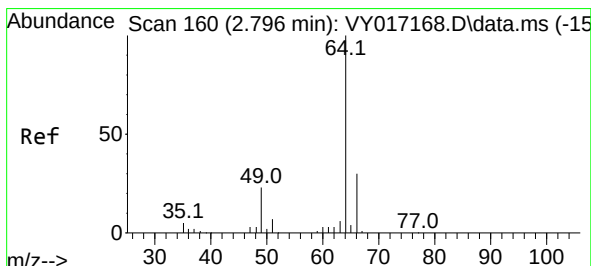
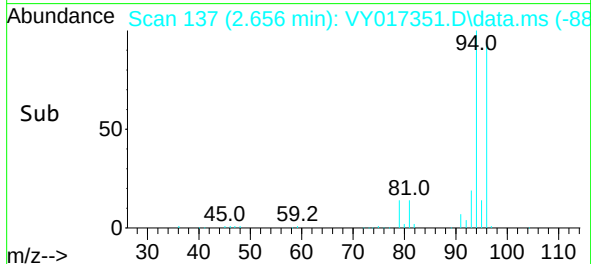
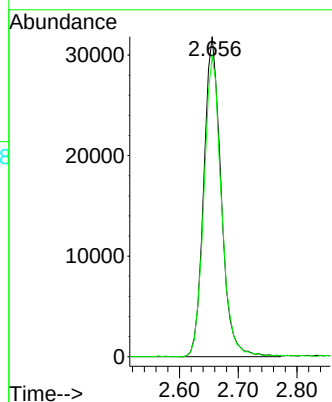
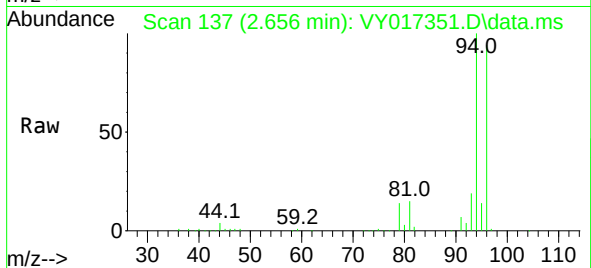




#5
Bromomethane
Concen: 49.393 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017351.D
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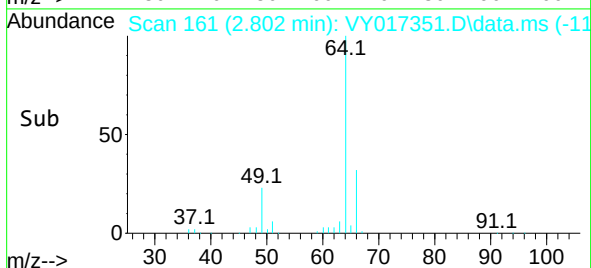
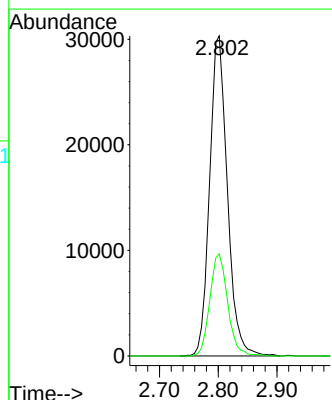
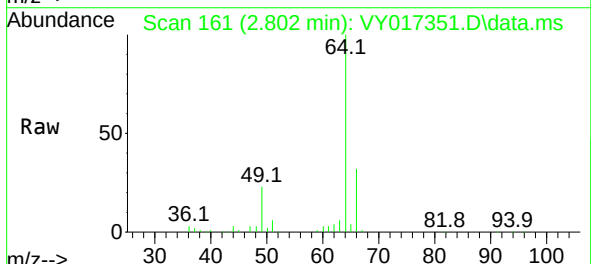
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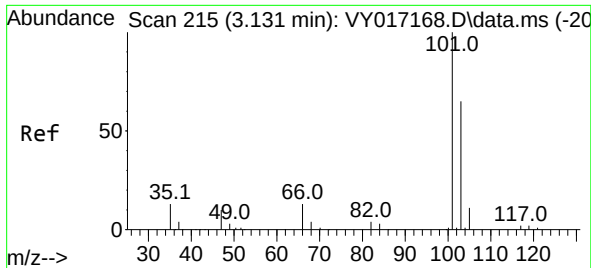
Tgt Ion: 94 Resp: 65341
Ion Ratio Lower Upper
94 100
96 93.8 77.3 115.9



#6
Chloroethane
Concen: 51.610 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 64 Resp: 63596
Ion Ratio Lower Upper
64 100
66 31.9 25.1 37.7

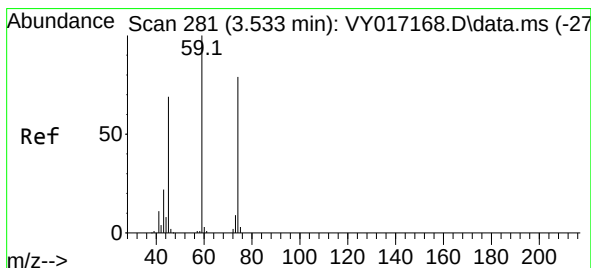
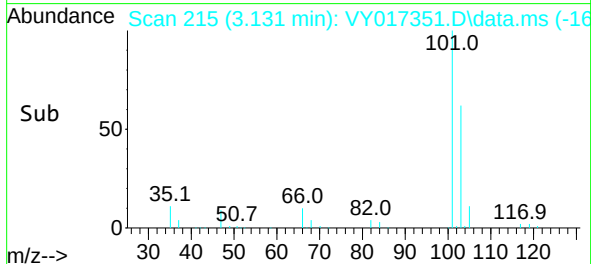
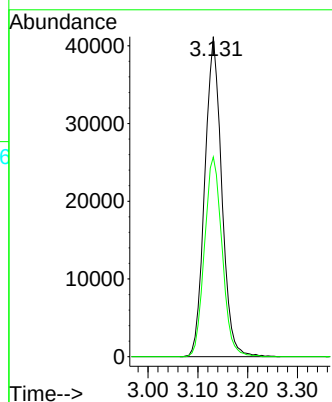
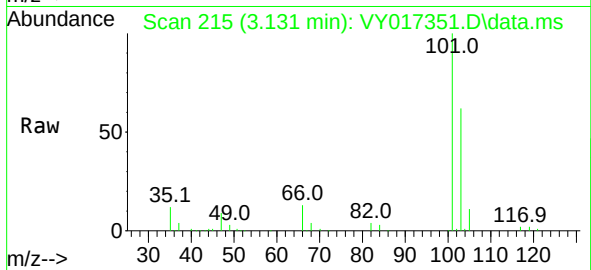




#7
Trichlorofluoromethane
Concen: 49.513 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

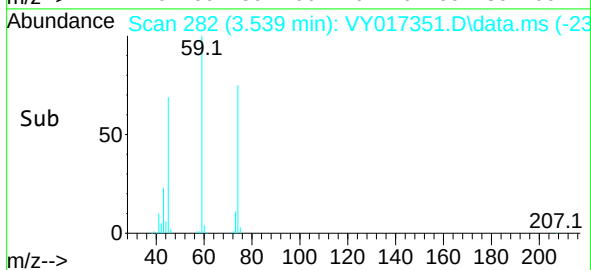
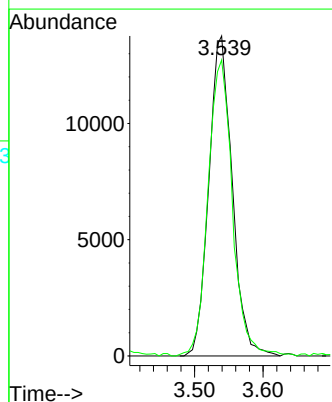
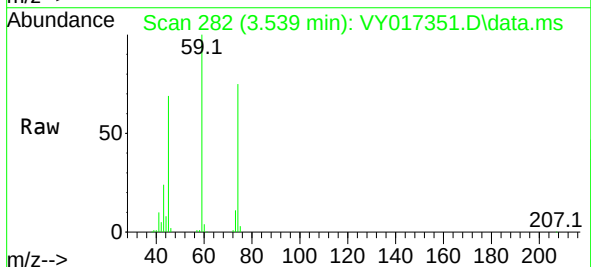
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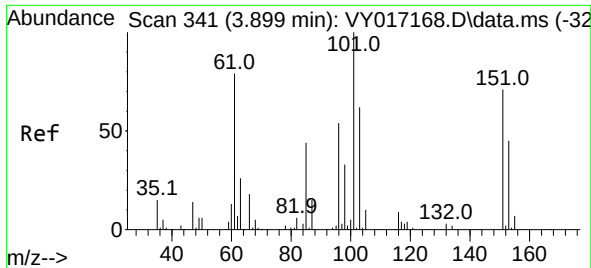
Tgt Ion:101 Resp: 97165
Ion Ratio Lower Upper
101 100
103 62.4 51.9 77.9



#8
Diethyl Ether
Concen: 52.837 ug/l
RT: 3.539 min Scan# 282
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 32615
Ion Ratio Lower Upper
74 100
45 96.6 47.9 143.7

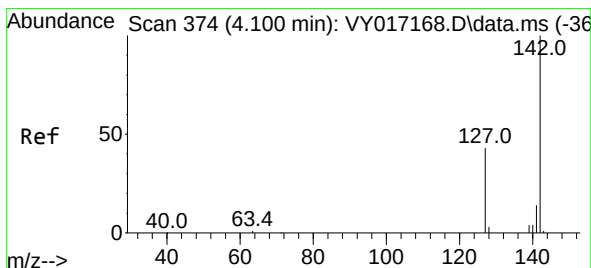
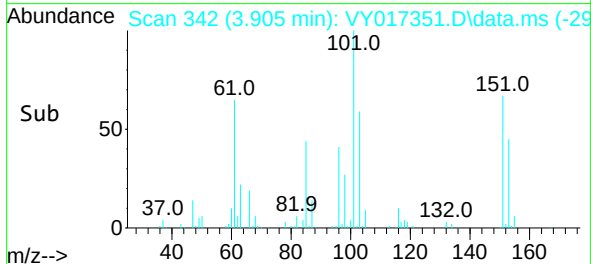
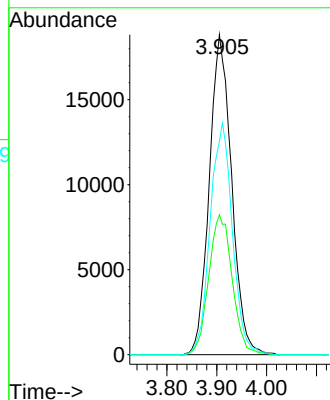
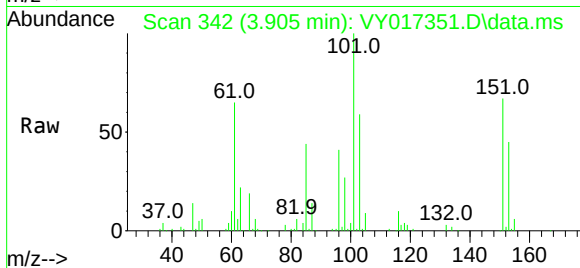




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.197 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

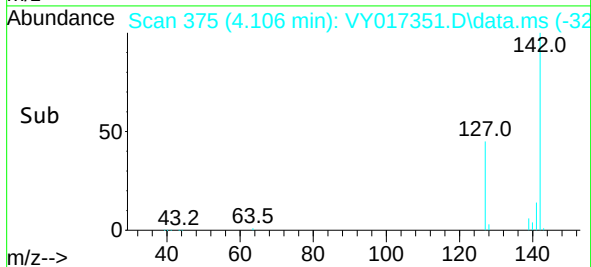
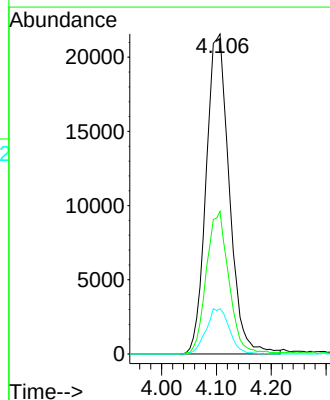
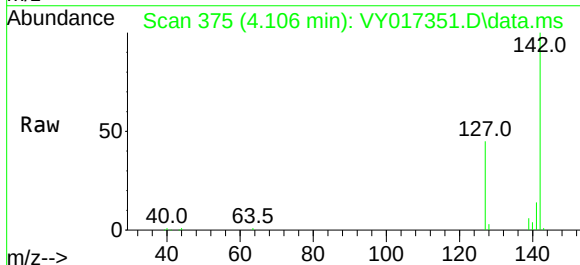
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

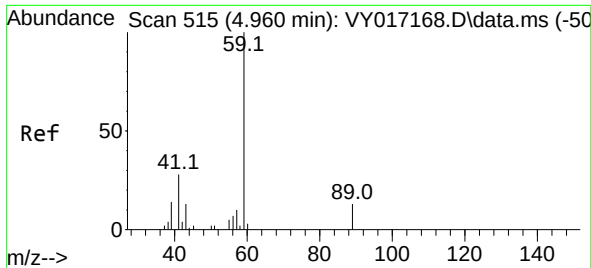
Tgt Ion:101 Resp: 58525
Ion Ratio Lower Upper
101 100
85 45.9 35.8 53.6
151 72.4 58.6 88.0



#10
Methyl Iodide
Concen: 50.544 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion:142 Resp: 63212
Ion Ratio Lower Upper
142 100
127 43.5 35.1 52.7
141 14.2 11.8 17.6

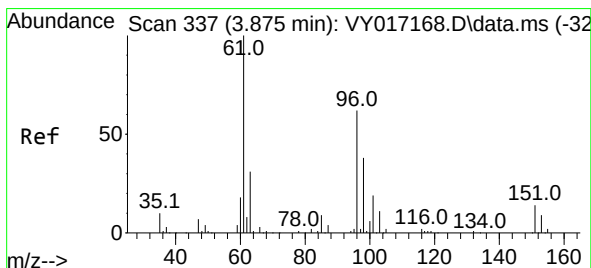
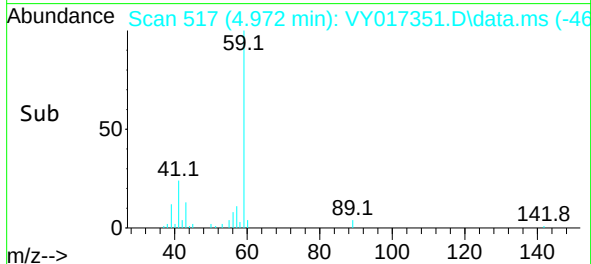
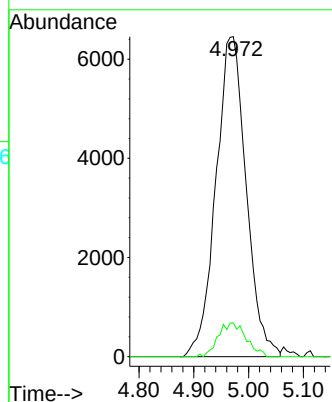
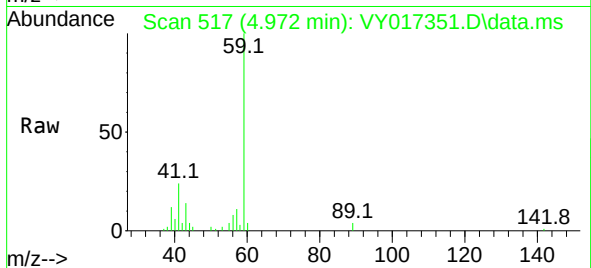




#11
Tert butyl alcohol
Concen: 288.379 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

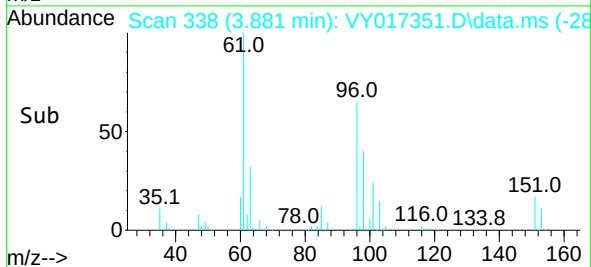
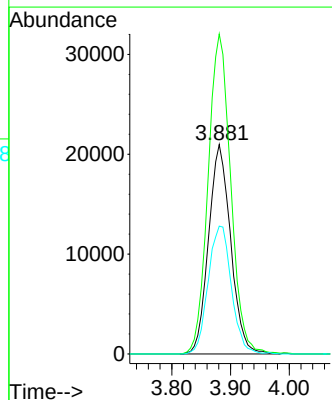
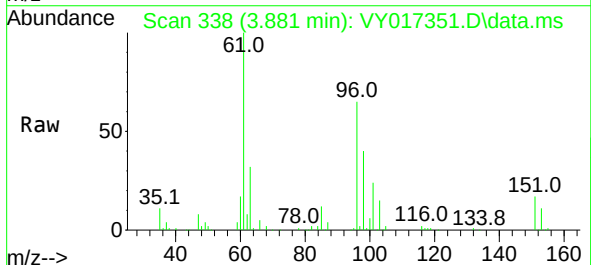
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

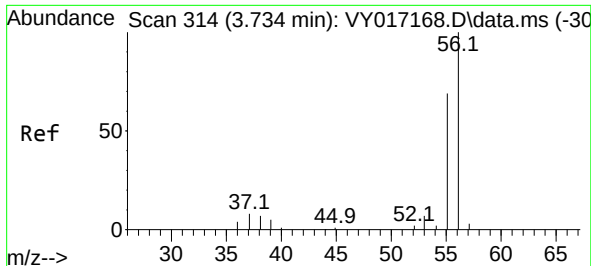
Tgt Ion: 59 Resp: 24716
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 49.241 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 96 Resp: 54888
Ion Ratio Lower Upper
96 100
61 152.7 124.2 186.2
98 61.0 52.6 79.0





#13

Acrolein

Concen: 230.534 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.007 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

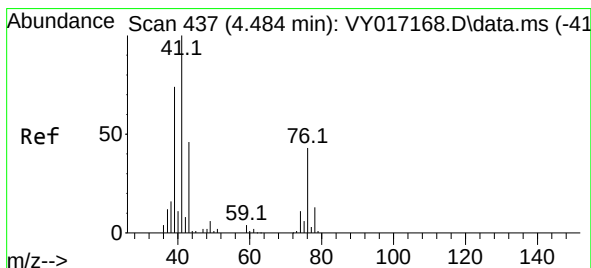
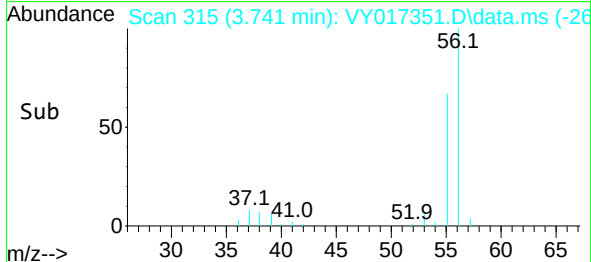
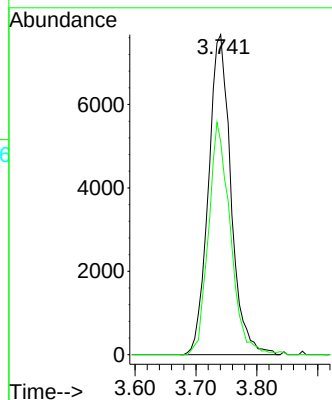
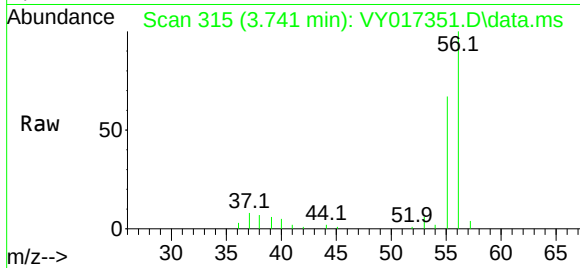
VSTDCCC050

Tgt Ion: 56 Resp: 19701

Ion Ratio Lower Upper

56 100

55 70.3 55.4 83.0



#14

Allyl chloride

Concen: 51.290 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

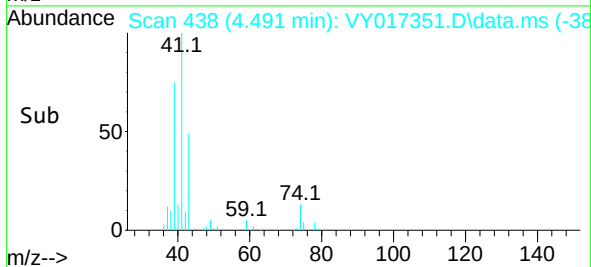
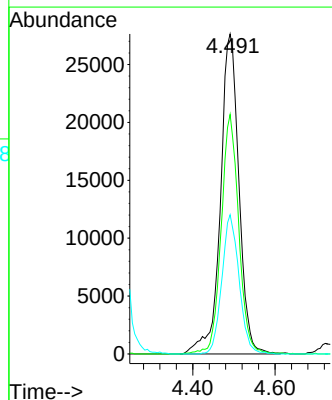
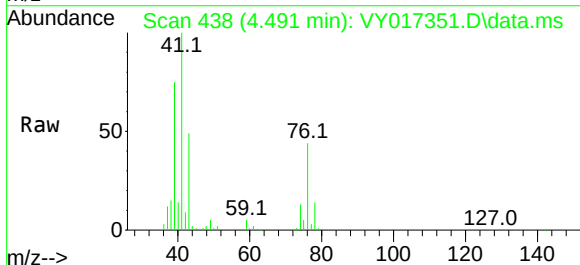
Tgt Ion: 41 Resp: 86431

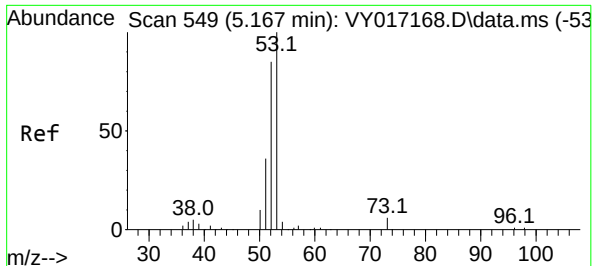
Ion Ratio Lower Upper

41 100

39 71.0 54.7 82.1

76 40.5 31.8 47.6





#15

Acrylonitrile

Concen: 279.865 ug/l

RT: 5.173 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

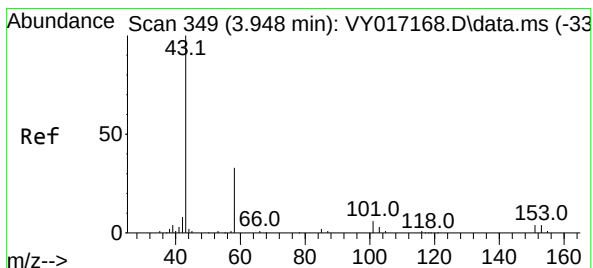
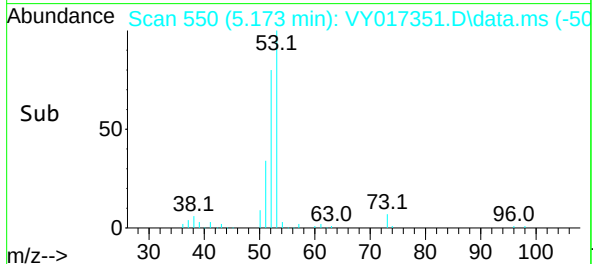
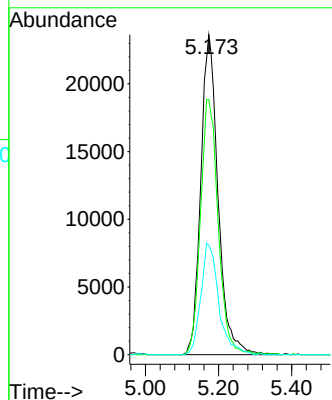
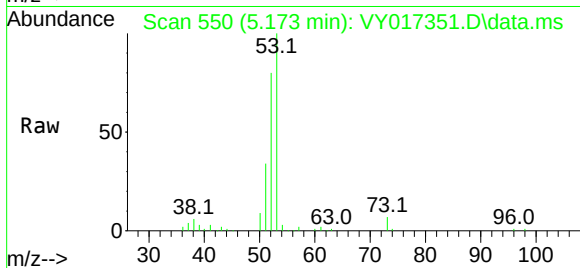
Tgt Ion: 53 Resp: 77782

Ion Ratio Lower Upper

53 100

52 81.2 65.1 97.7

51 36.0 29.0 43.4



#16

Acetone

Concen: 253.462 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY017351.D

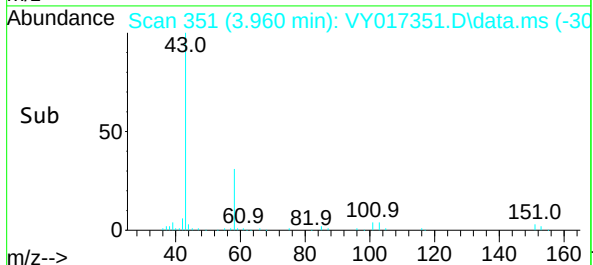
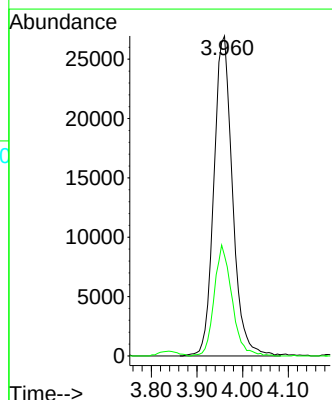
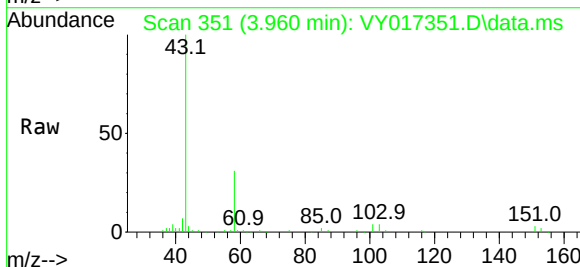
Acq: 12 Feb 2024 13:59

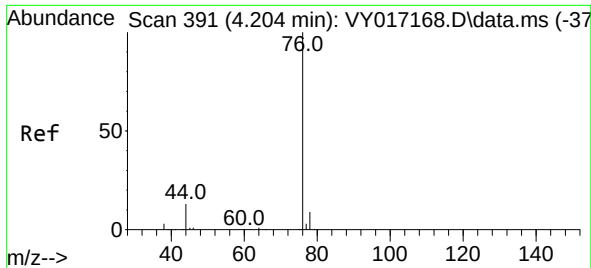
Tgt Ion: 43 Resp: 76530

Ion Ratio Lower Upper

43 100

58 31.3 26.6 39.8

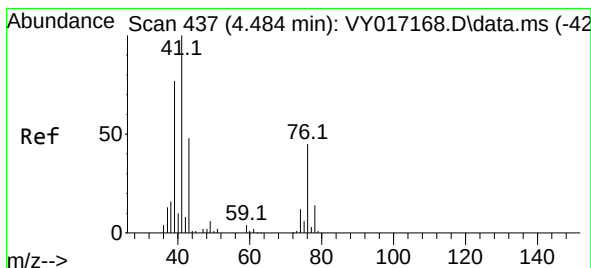
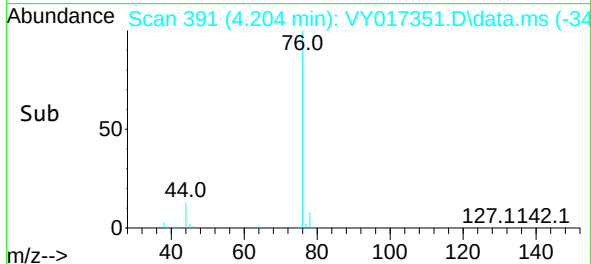
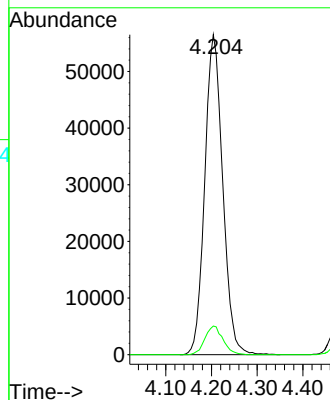
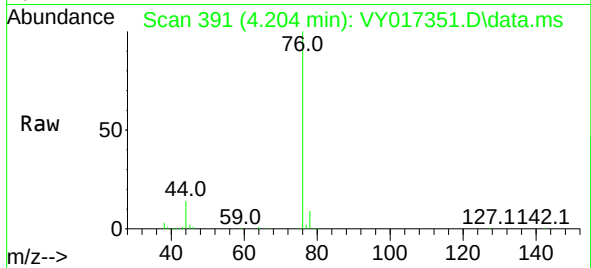




#17
Carbon Disulfide
Concen: 43.297 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

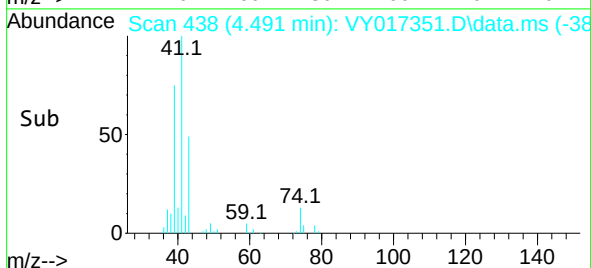
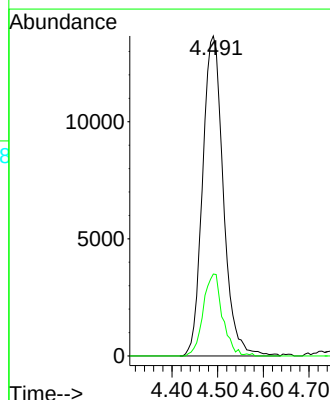
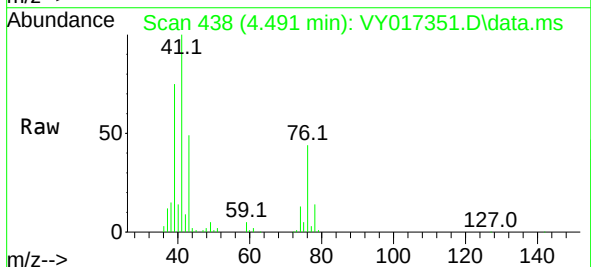
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

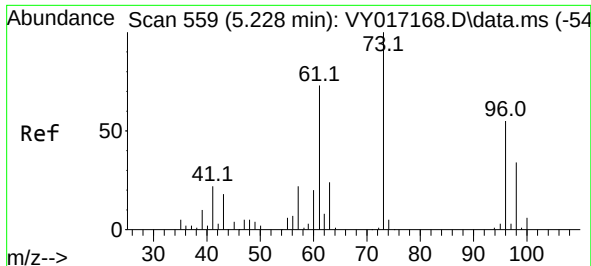
Tgt Ion: 76 Resp: 154059
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 63.822 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 43 Resp: 42989
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 56.447 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

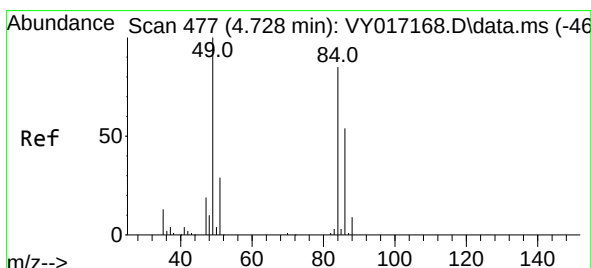
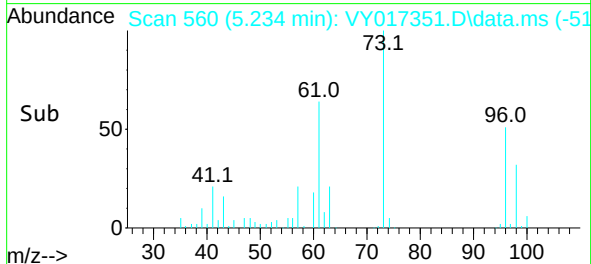
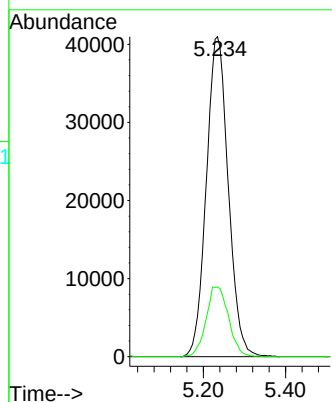
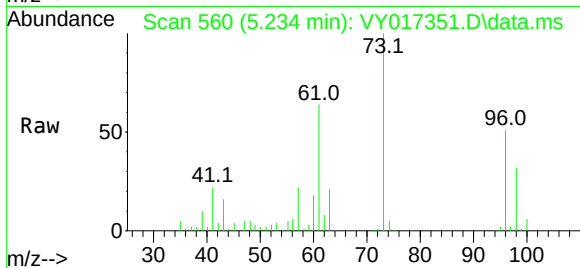
VSTDCCC050

Tgt Ion: 73 Resp: 151536

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5



#20

Methylene Chloride

Concen: 53.910 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Tgt Ion: 84 Resp: 66328

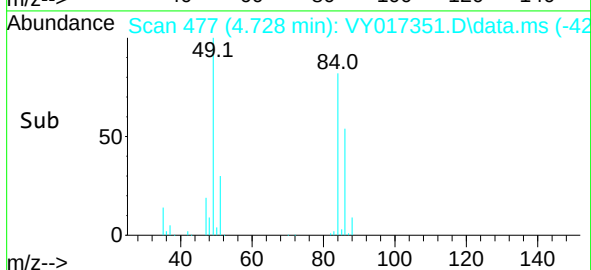
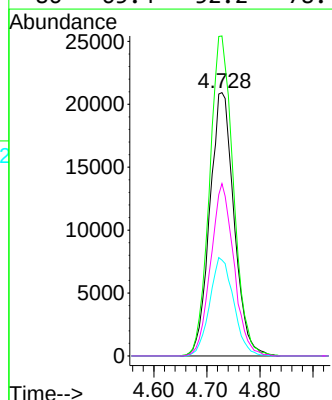
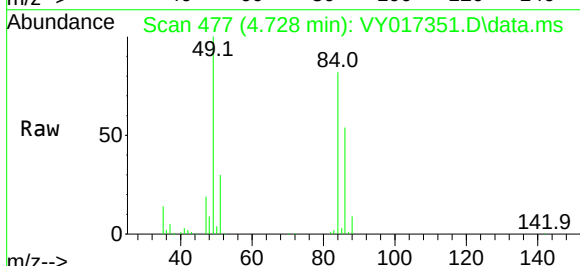
Ion Ratio Lower Upper

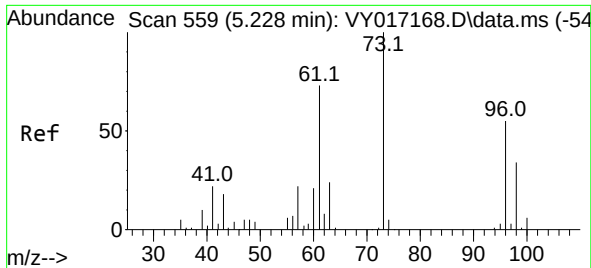
84 100

49 121.5 95.2 142.8

51 36.4 29.9 44.9

86 65.4 52.2 78.4

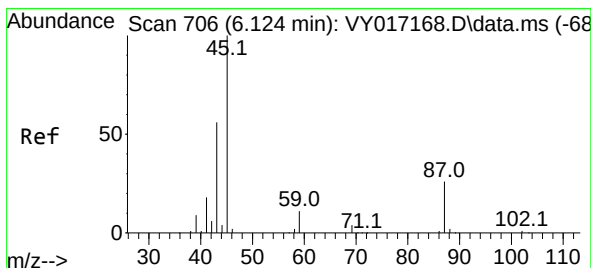
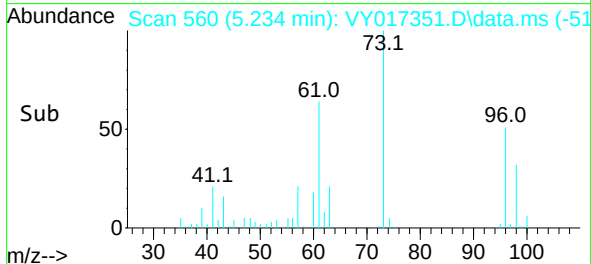
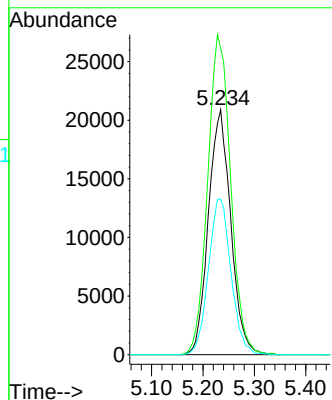
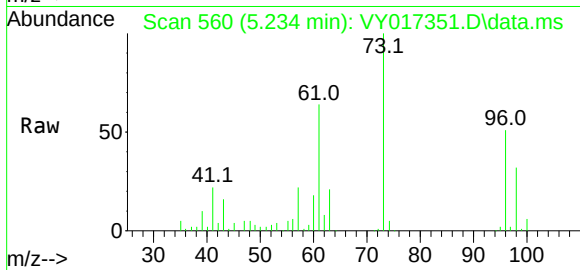




#21
trans-1,2-Dichloroethene
Concen: 49.914 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

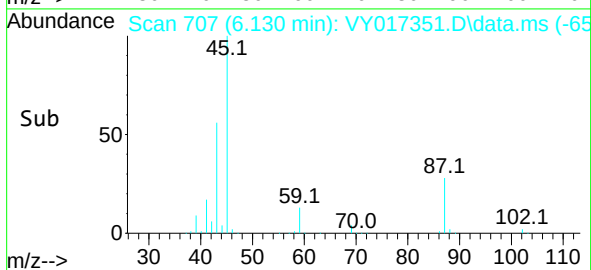
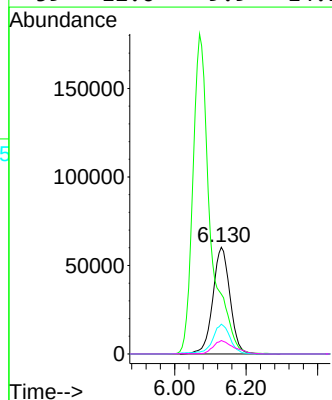
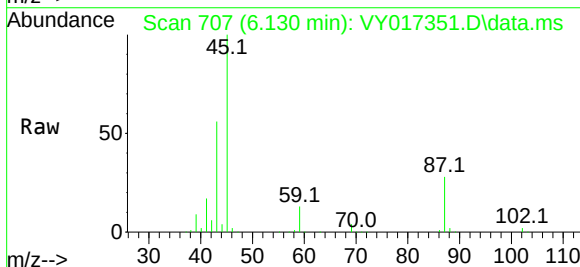
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

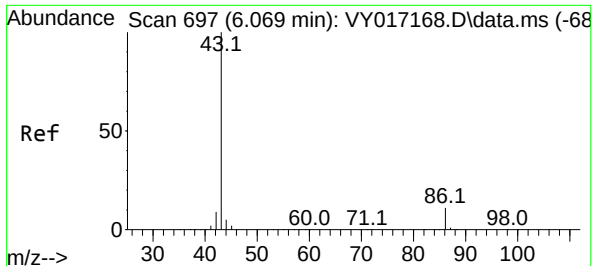
Tgt Ion: 96 Resp: 63294
Ion Ratio Lower Upper
96 100
61 125.2 104.6 156.8
98 63.5 50.9 76.3



#22
Diisopropyl ether
Concen: 54.267 ug/l
RT: 6.130 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 45 Resp: 200821
Ion Ratio Lower Upper
45 100
43 55.7 46.8 70.2
87 27.9 22.2 33.2
59 12.6 9.9 14.9

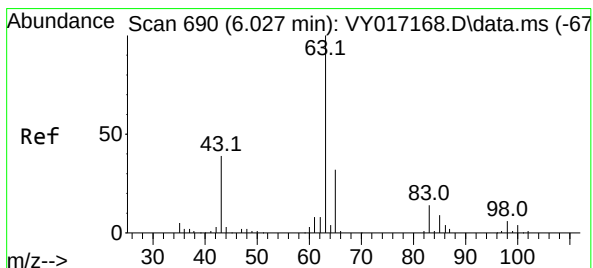
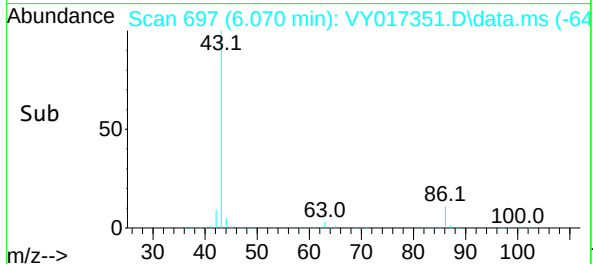
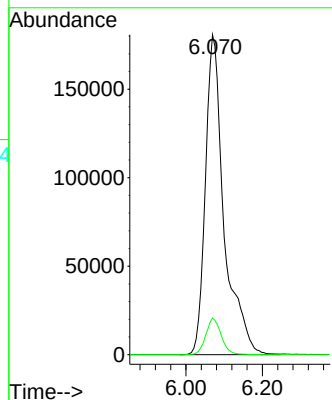
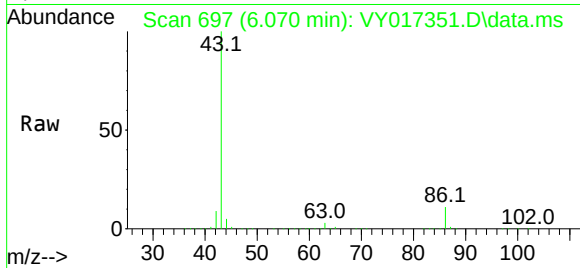




#23
 Vinyl Acetate
 Concen: 272.737 ug/l
 RT: 6.070 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY017351.D
 Acq: 12 Feb 2024 13:59

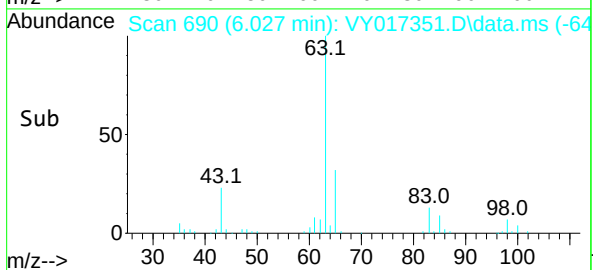
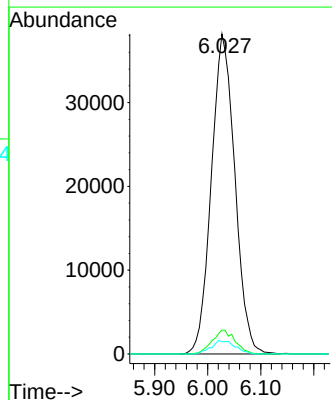
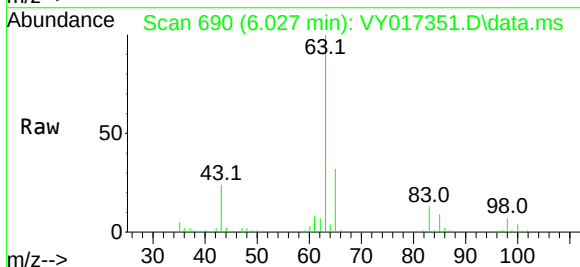
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

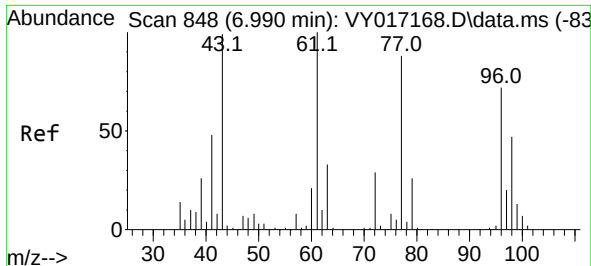
Tgt Ion: 43 Resp: 611551
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 51.918 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017351.D
 Acq: 12 Feb 2024 13:59

Tgt Ion: 63 Resp: 117697
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 3.9 2.1 6.2

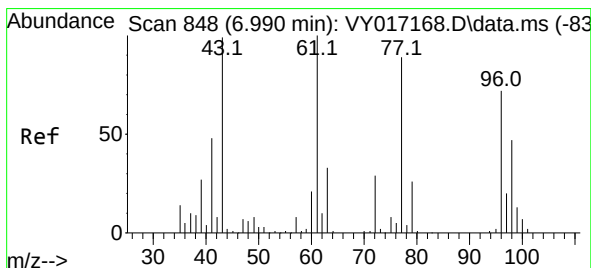
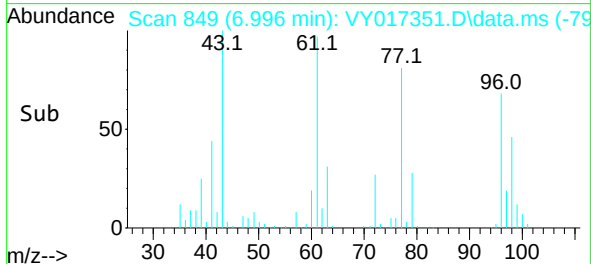
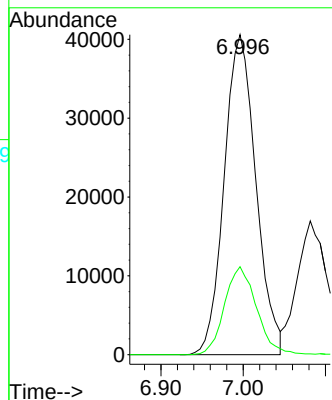
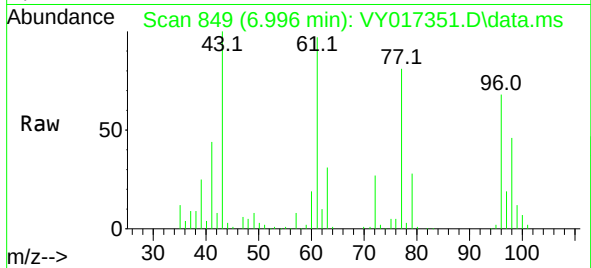




#25
2-Butanone
Concen: 270.990 ug/l
RT: 6.996 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

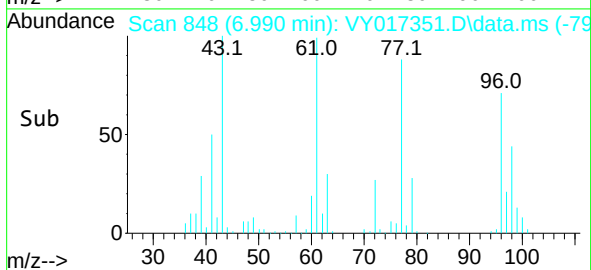
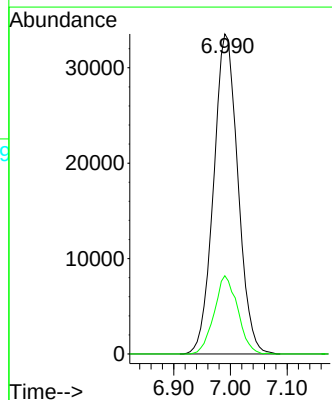
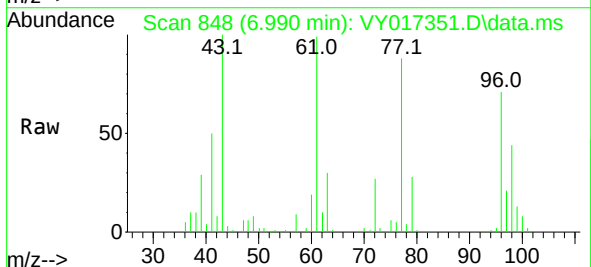
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

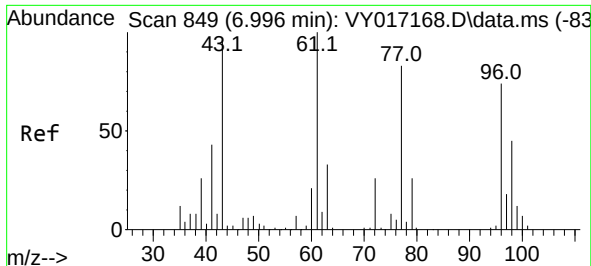
Tgt Ion: 43 Resp: 108773
Ion Ratio Lower Upper
43 100
72 27.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 52.913 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 77 Resp: 99774
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.0

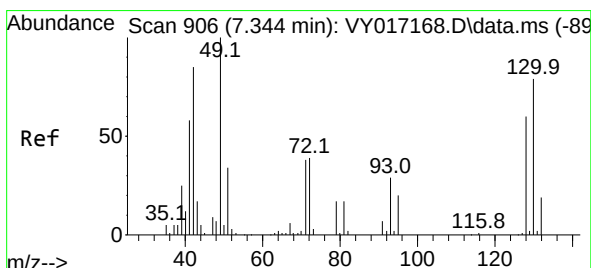
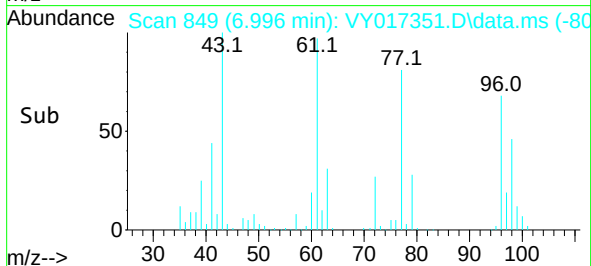
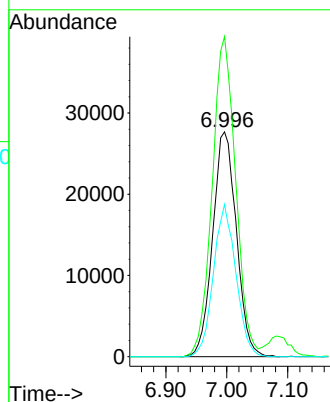
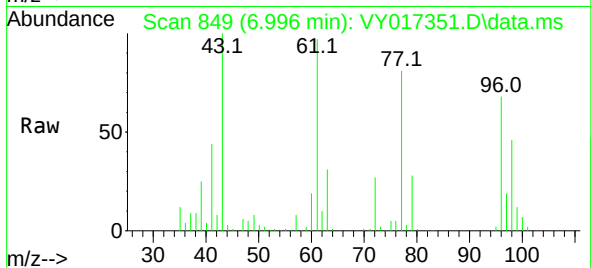




#27
cis-1,2-Dichloroethene
Concen: 52.718 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

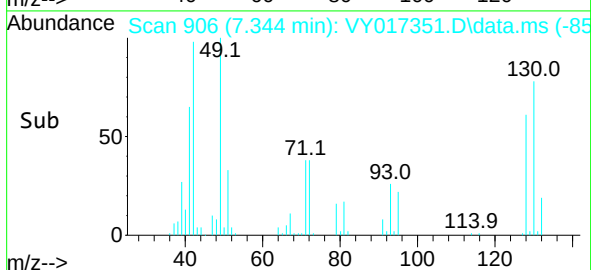
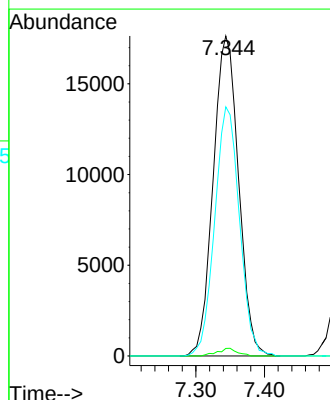
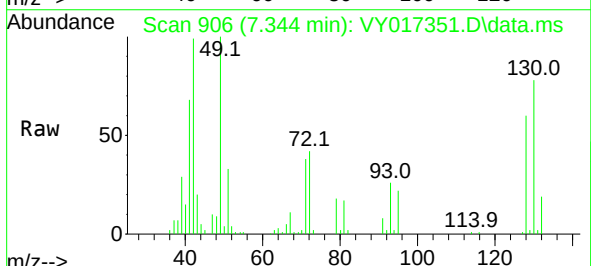
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

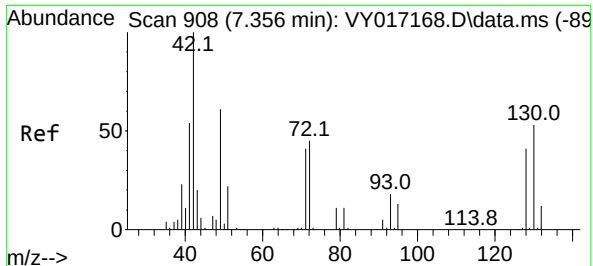
Tgt Ion: 96 Resp: 74768
Ion Ratio Lower Upper
96 100
61 140.6 0.0 278.8
98 64.1 0.0 127.0



#28
Bromochloromethane
Concen: 52.225 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 49 Resp: 45332
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 76.0 59.8 89.8





#29

Tetrahydrofuran

Concen: 289.975 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

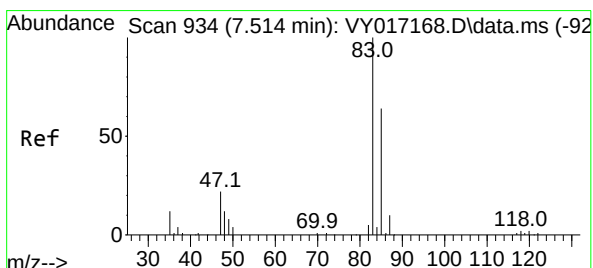
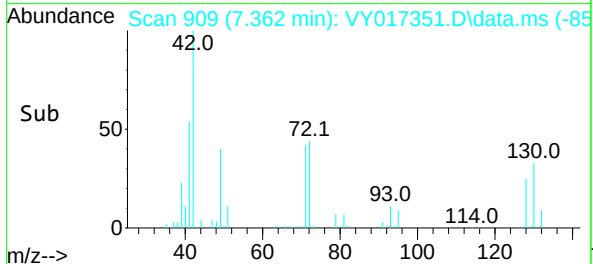
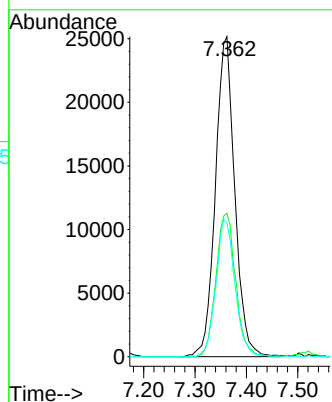
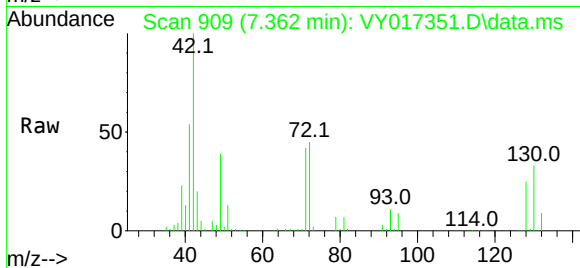
Tgt Ion: 42 Resp: 65750

Ion Ratio Lower Upper

42 100

72 45.6 36.6 54.8

71 42.3 33.8 50.6



#30

Chloroform

Concen: 52.782 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017351.D

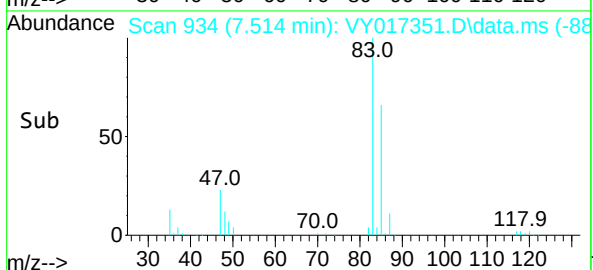
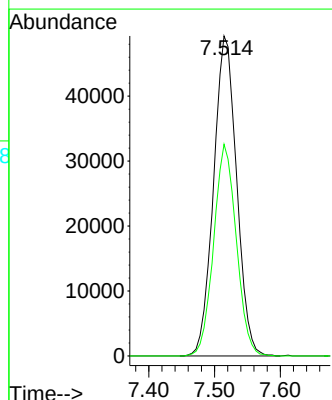
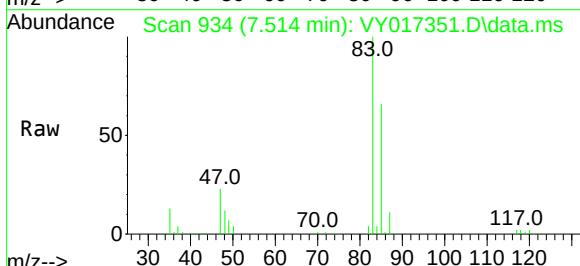
Acq: 12 Feb 2024 13:59

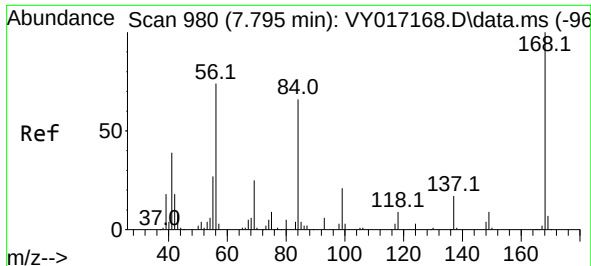
Tgt Ion: 83 Resp: 120369

Ion Ratio Lower Upper

83 100

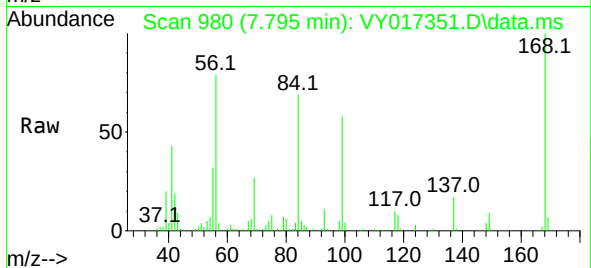
85 66.2 51.2 76.8



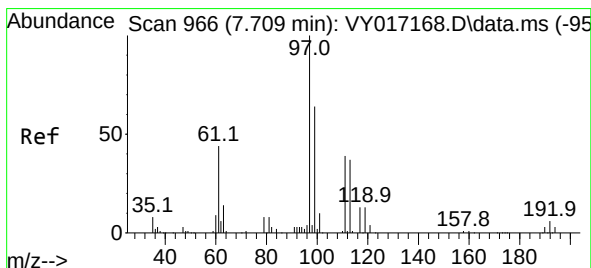
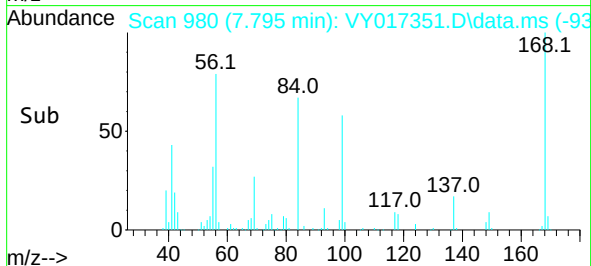
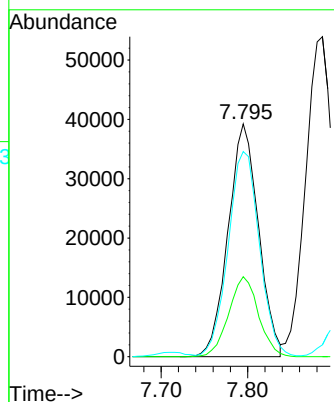


#31
Cyclohexane
Concen: 46.135 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

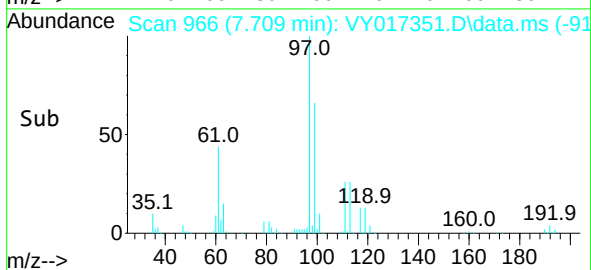
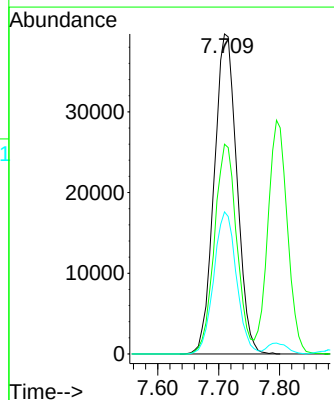
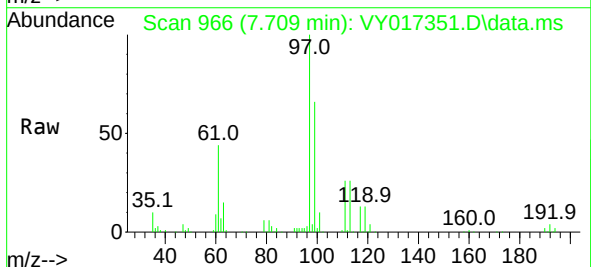


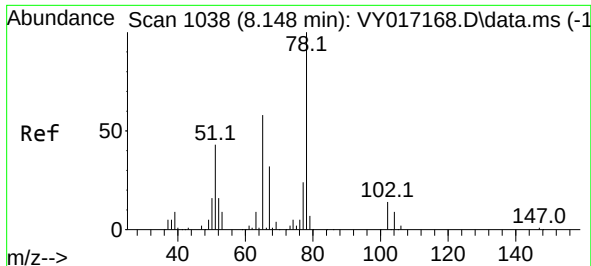
Tgt Ion: 56 Resp: 95530
Ion Ratio Lower Upper
56 100
69 34.4 27.0 40.6
84 86.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.410 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 97 Resp: 102808
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 44.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 42.390 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

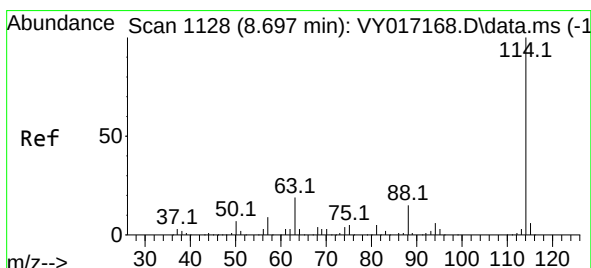
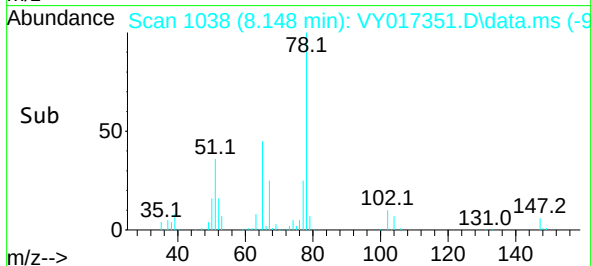
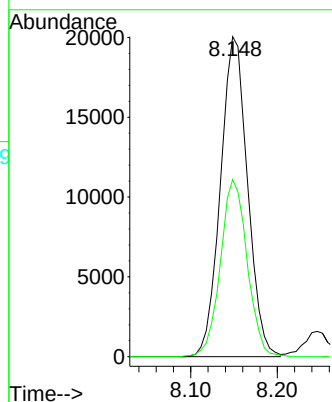
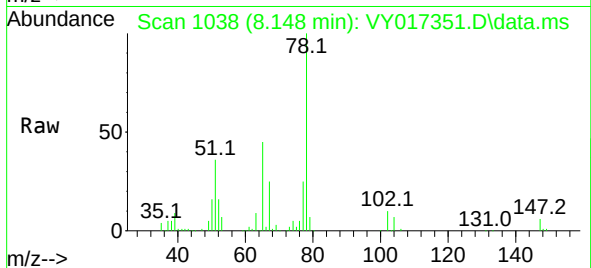
VSTDCCC050

Tgt Ion: 65 Resp: 43547

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

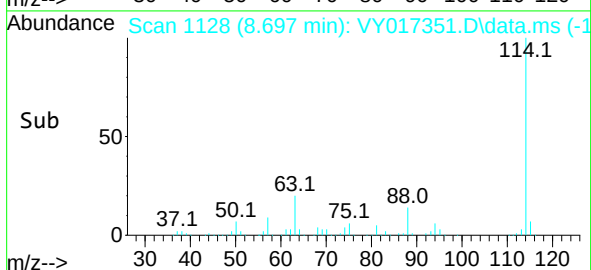
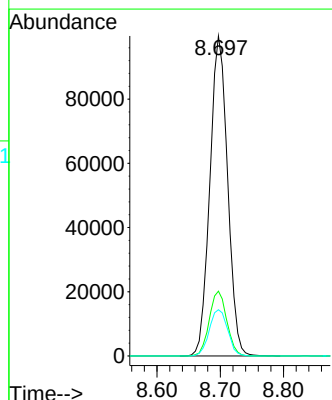
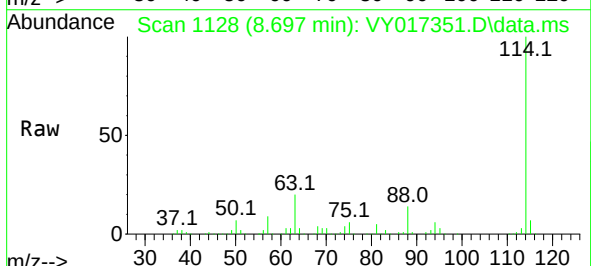
Tgt Ion: 114 Resp: 194003

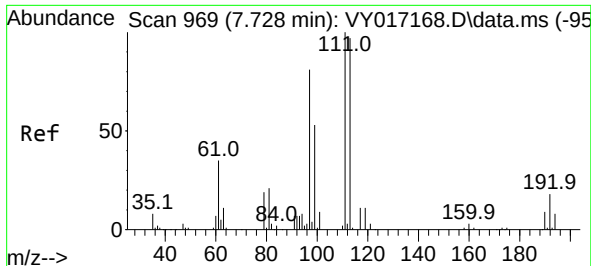
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.5 0.0 29.0

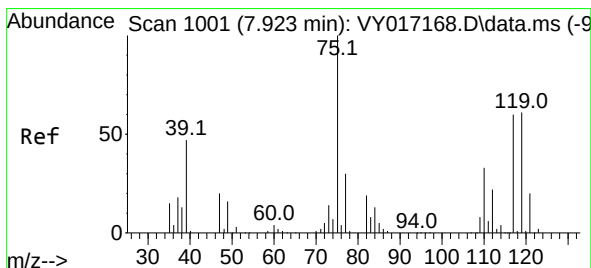
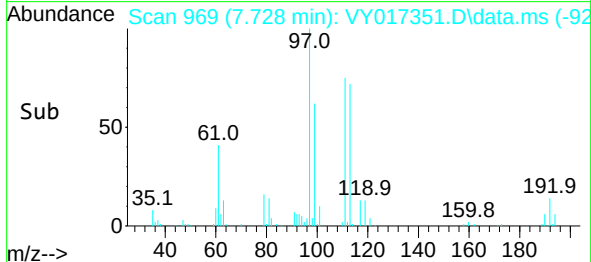
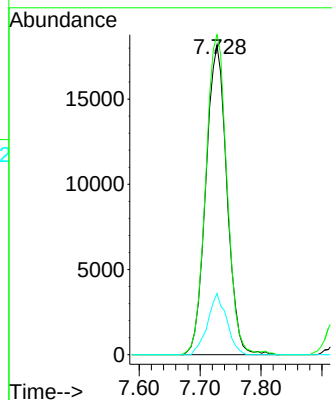
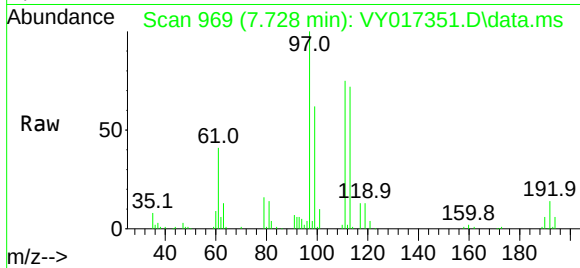




#35
Dibromofluoromethane
Concen: 41.630 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

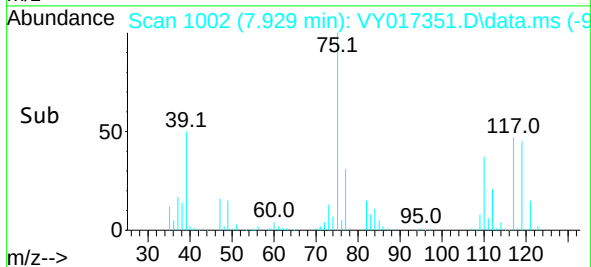
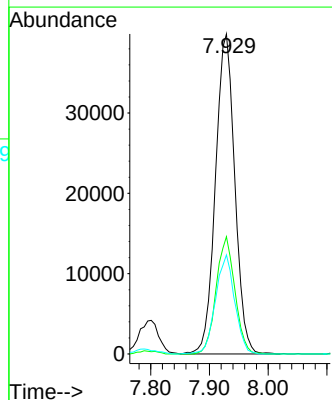
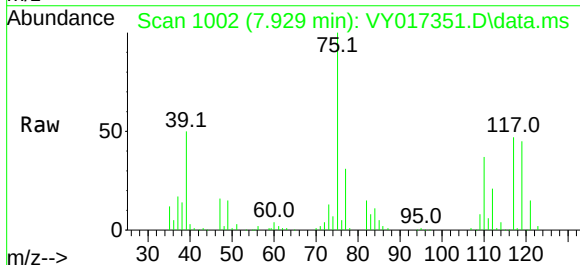
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

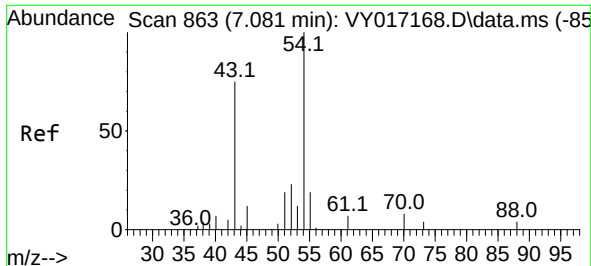
Tgt Ion:113 Resp: 43607
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 50.377 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 75 Resp: 91025
Ion Ratio Lower Upper
75 100
110 35.6 17.4 52.3
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 52.973 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

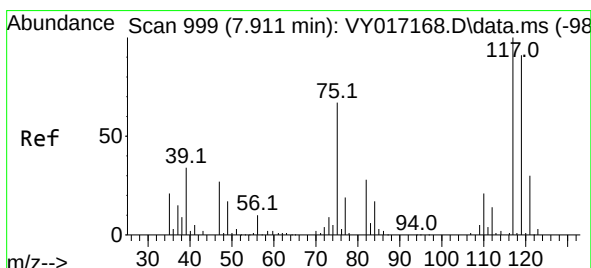
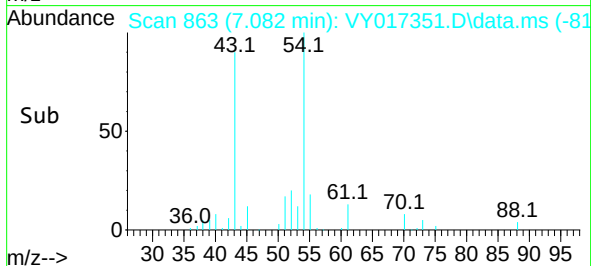
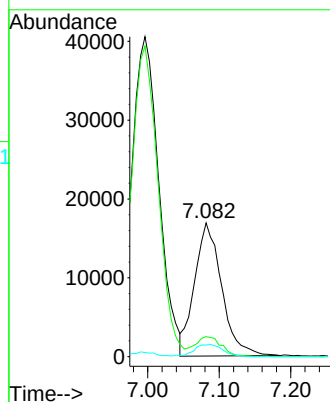
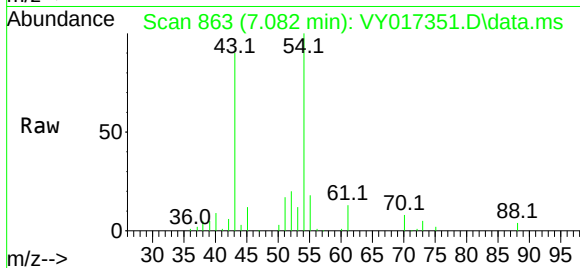
Tgt Ion: 43 Resp: 44393

Ion Ratio Lower Upper

43 100

61 14.2 11.0 16.6

70 9.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 52.066 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

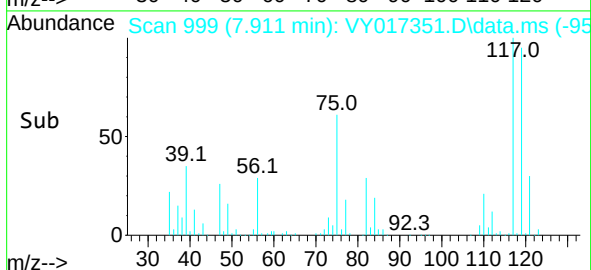
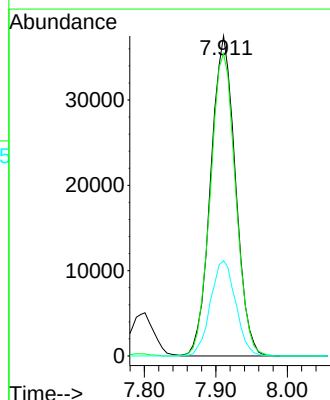
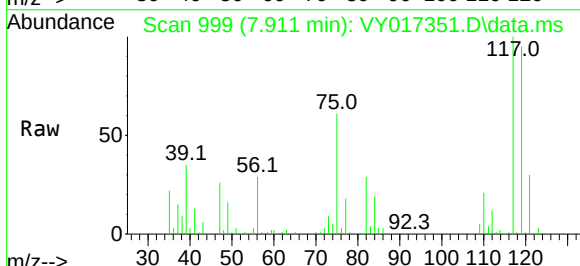
Tgt Ion: 117 Resp: 90074

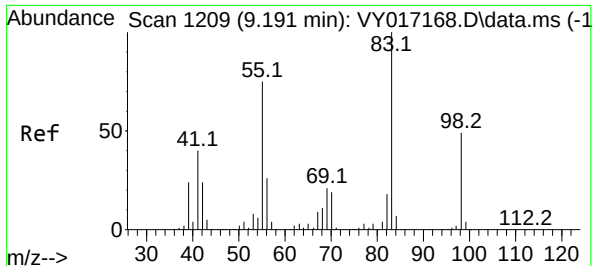
Ion Ratio Lower Upper

117 100

119 94.5 76.0 114.0

121 29.8 24.2 36.2





#39

Methylcyclohexane

Concen: 49.084 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

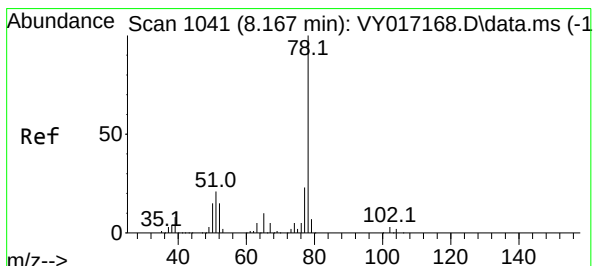
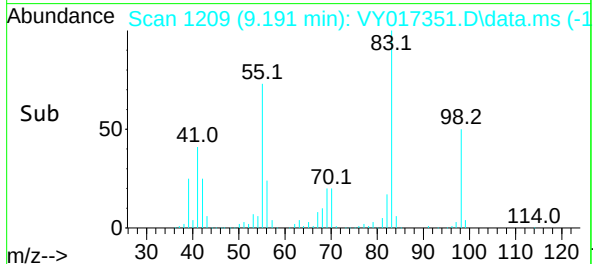
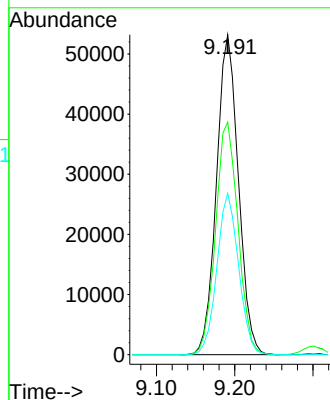
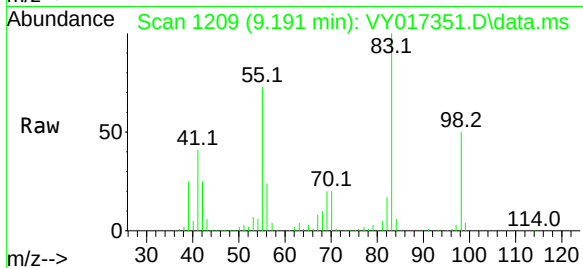
Tgt Ion: 83 Resp: 103610

Ion Ratio Lower Upper

83 100

55 72.7 59.7 89.5

98 50.4 38.0 57.0



#40

Benzene

Concen: 52.026 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017351.D

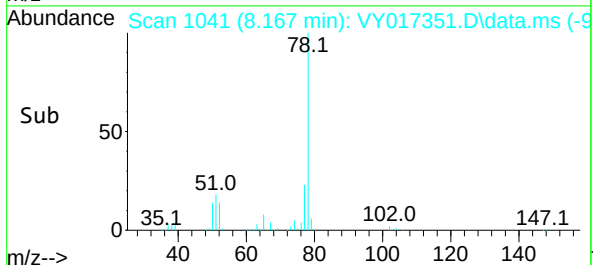
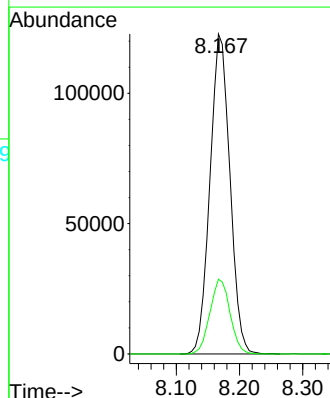
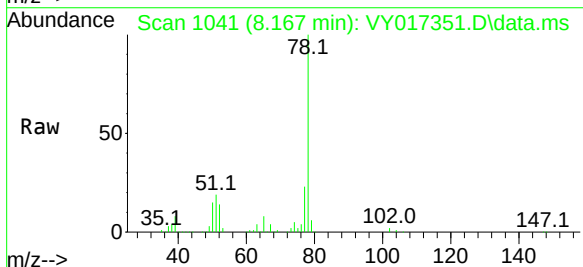
Acq: 12 Feb 2024 13:59

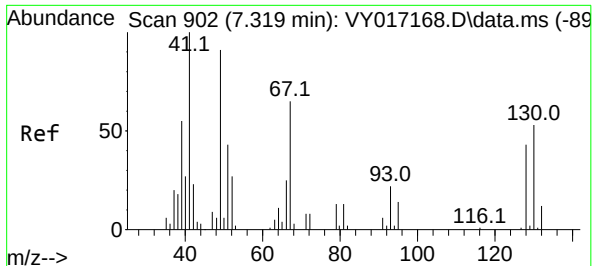
Tgt Ion: 78 Resp: 268444

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

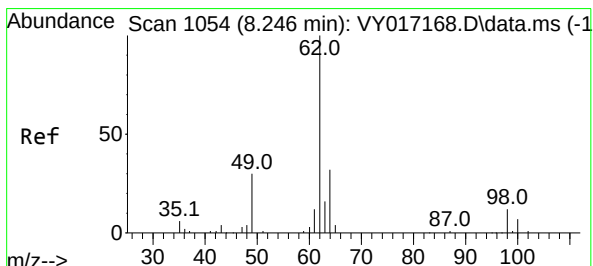
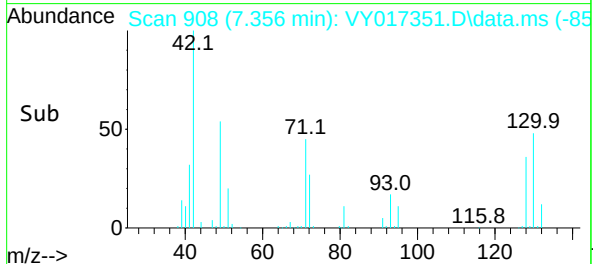
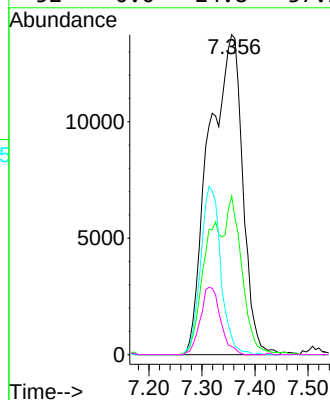
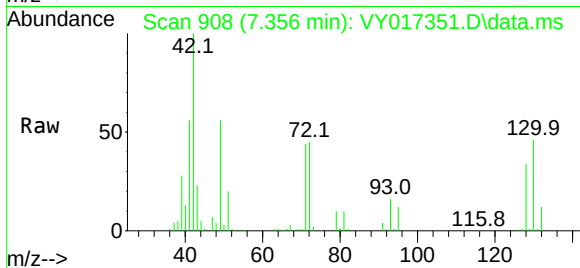




#41
Methacrylonitrile
Concen: 152.492 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

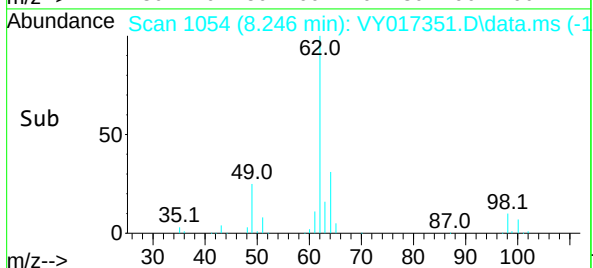
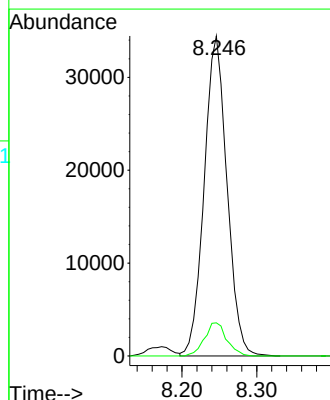
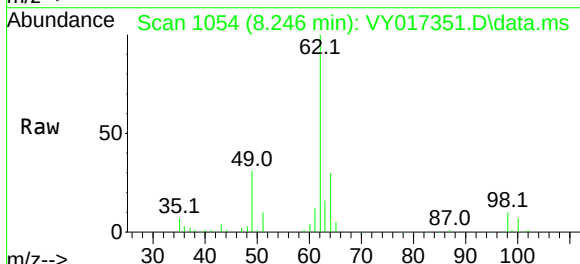
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

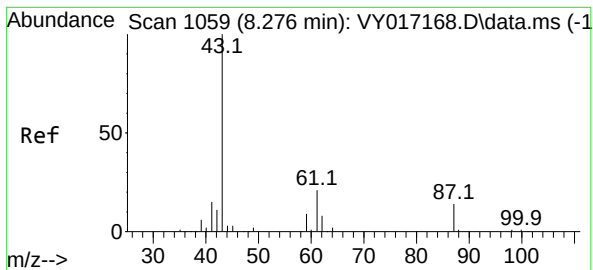
Tgt Ion: 41 Resp: 60548
Ion Ratio Lower Upper
41 100
39 21.6 41.9 62.9#
67 0.0 59.8 89.6#
52 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 53.336 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 62 Resp: 72865
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 57.181 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

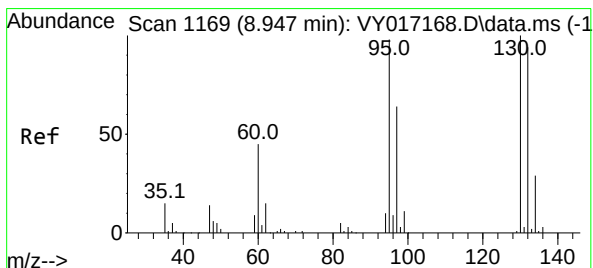
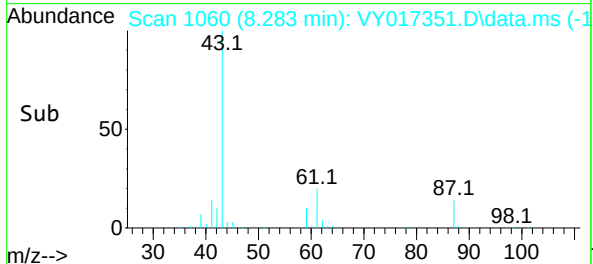
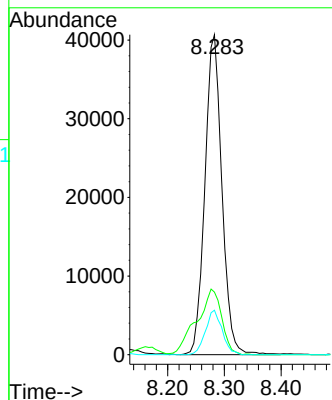
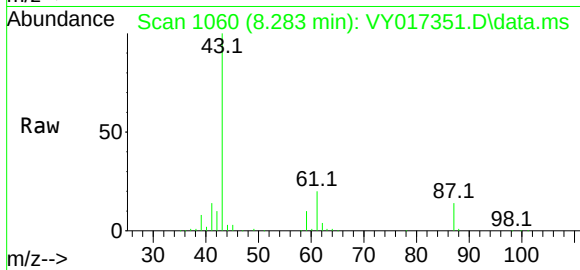
Tgt Ion: 43 Resp: 84828

Ion Ratio Lower Upper

43 100

61 30.2 24.8 37.2

87 13.6 10.7 16.1



#44

Trichloroethene

Concen: 52.306 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY017351.D

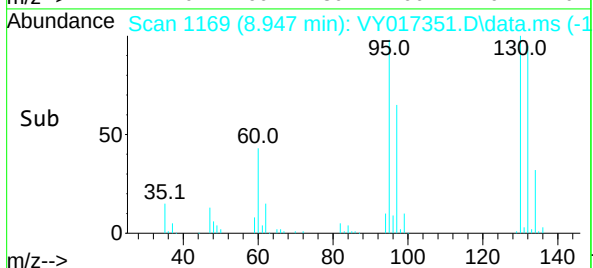
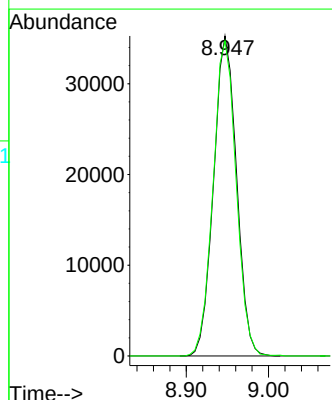
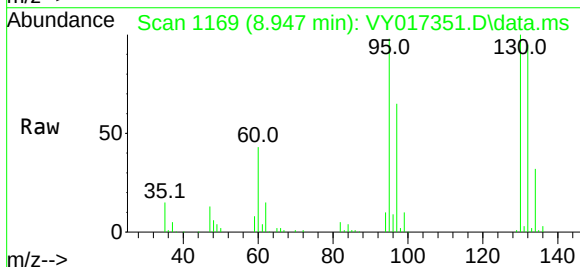
Acq: 12 Feb 2024 13:59

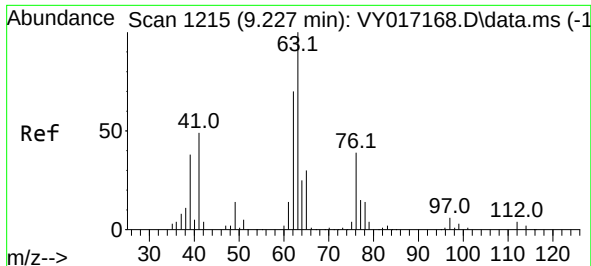
Tgt Ion:130 Resp: 68510

Ion Ratio Lower Upper

130 100

95 98.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 53.274 ug/l

RT: 9.221 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

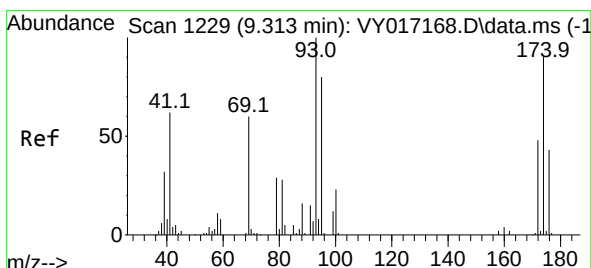
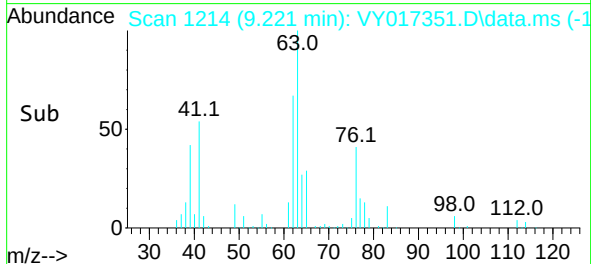
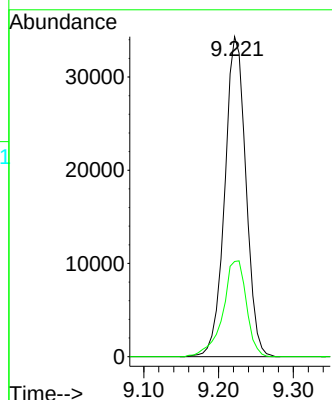
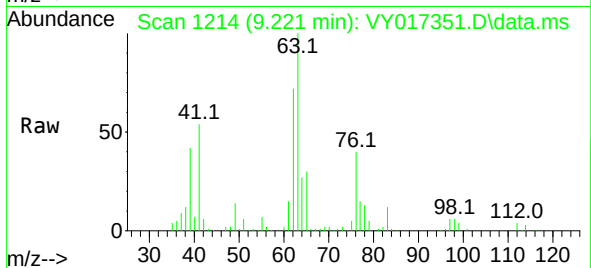
VSTDCCC050

Tgt Ion: 63 Resp: 67520

Ion Ratio Lower Upper

63 100

65 29.7 24.6 36.8



#46

Dibromomethane

Concen: 54.247 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

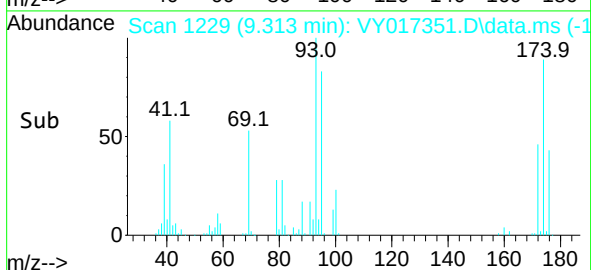
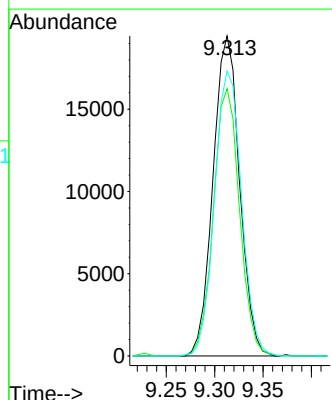
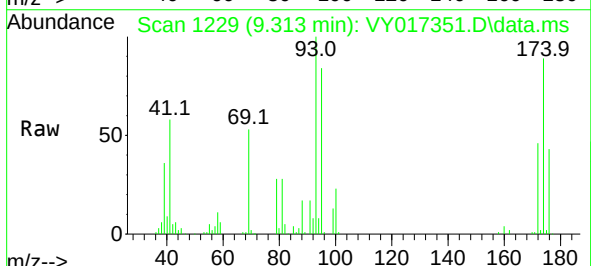
Tgt Ion: 93 Resp: 37139

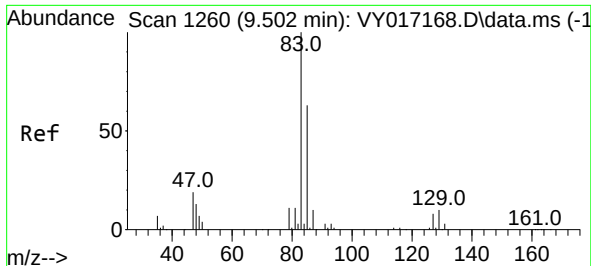
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 90.5 73.8 110.6

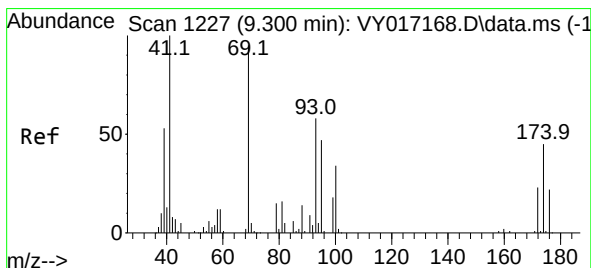
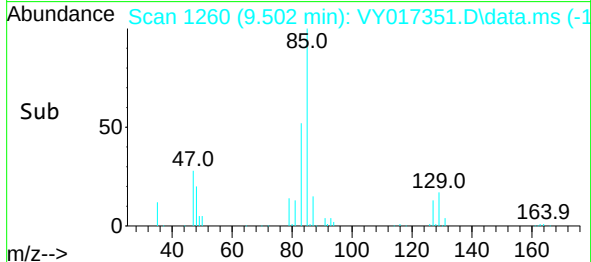
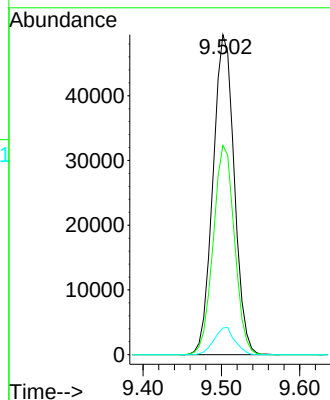
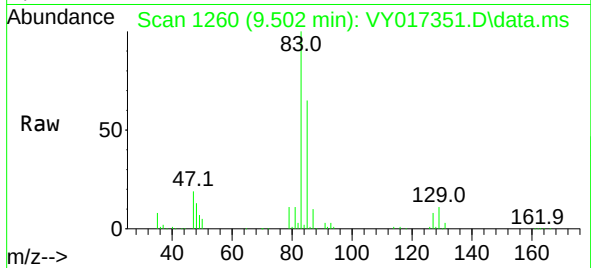




#47
Bromodichloromethane
Concen: 54.493 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

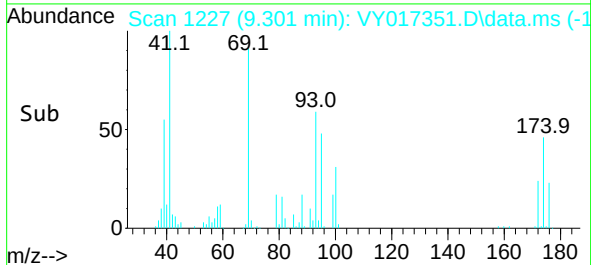
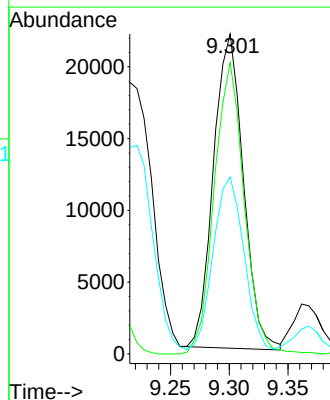
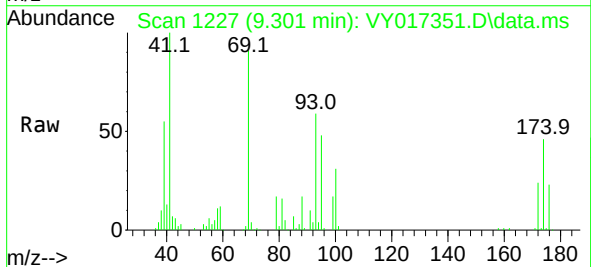
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

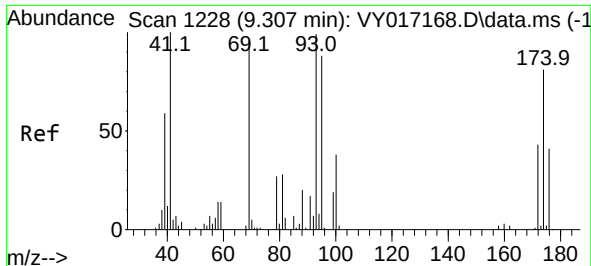
Tgt Ion: 83 Resp: 93365
Ion Ratio Lower Upper
83 100
85 65.4 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 55.550 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 41 Resp: 38654
Ion Ratio Lower Upper
41 100
69 93.3 72.1 108.1
39 56.5 42.8 64.2





#49

1,4-Dioxane

Concen: 1212.870 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

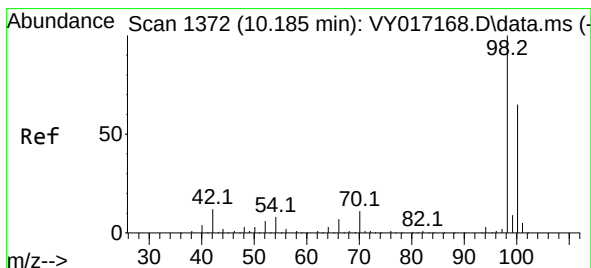
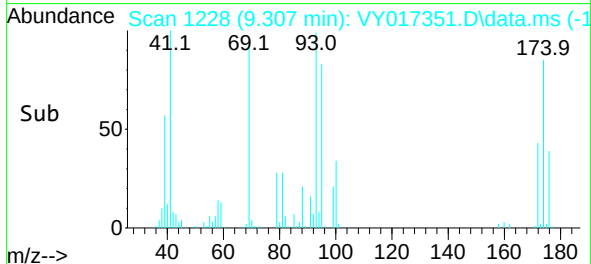
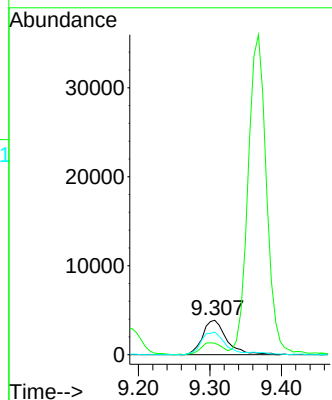
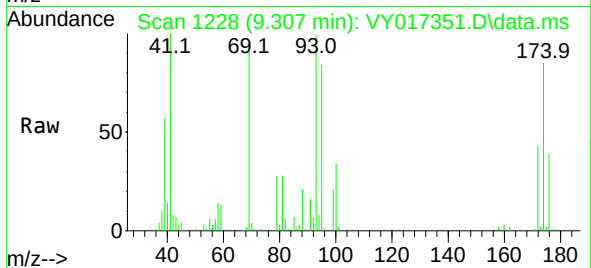
Tgt Ion: 88 Resp: 9038

Ion Ratio Lower Upper

88 100

43 31.5 28.2 42.4

58 64.8 52.2 78.2



#50

Toluene-d8

Concen: 41.408 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017351.D

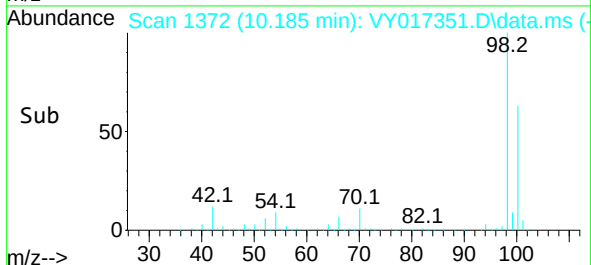
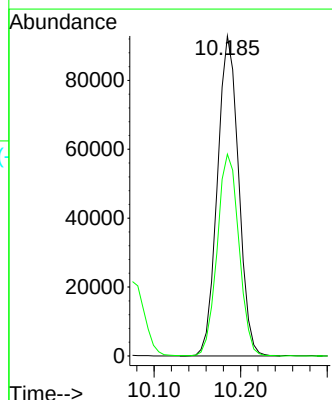
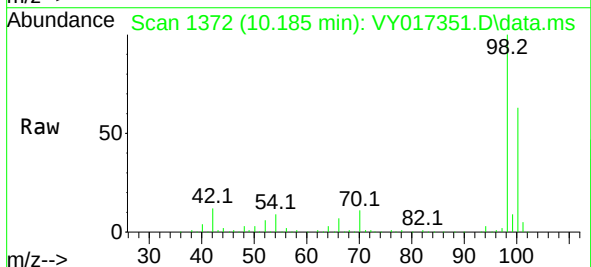
Acq: 12 Feb 2024 13:59

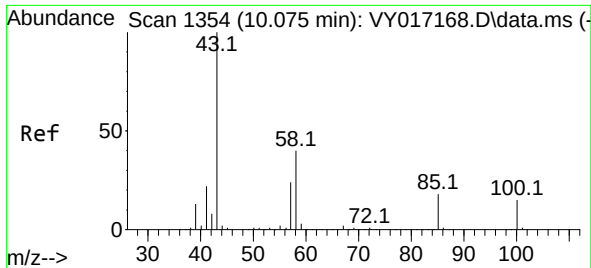
Tgt Ion: 98 Resp: 157923

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 297.858 ug/l

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

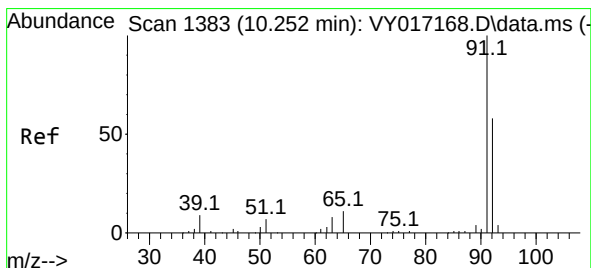
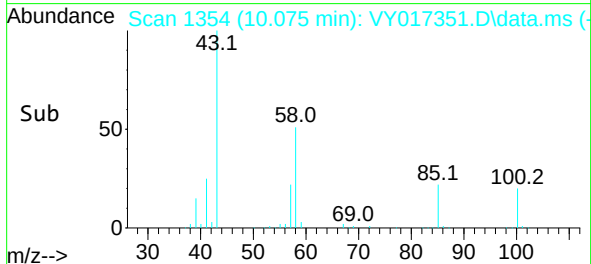
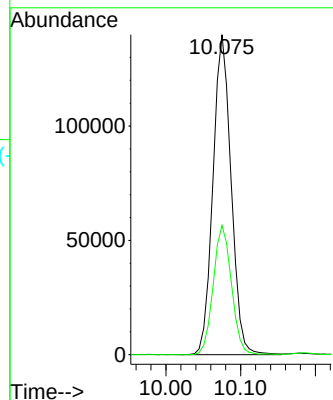
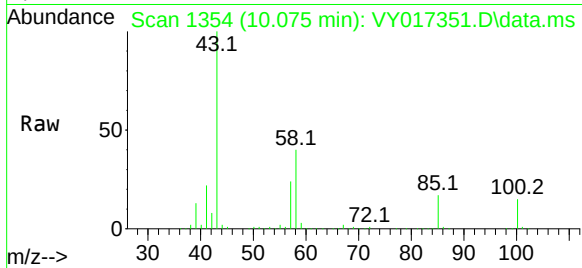
VSTDCCC050

Tgt Ion: 43 Resp: 236865

Ion Ratio Lower Upper

43 100

58 40.5 32.2 48.2



#52

Toluene

Concen: 53.299 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY017351.D

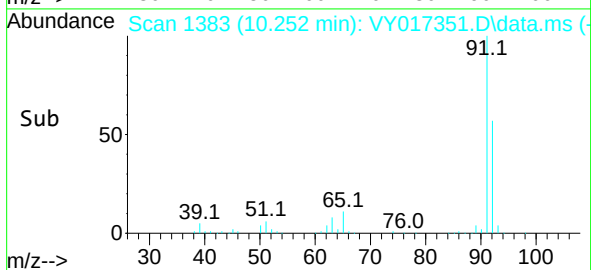
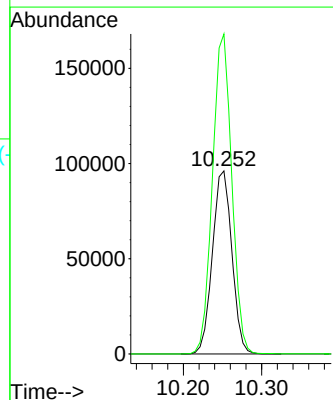
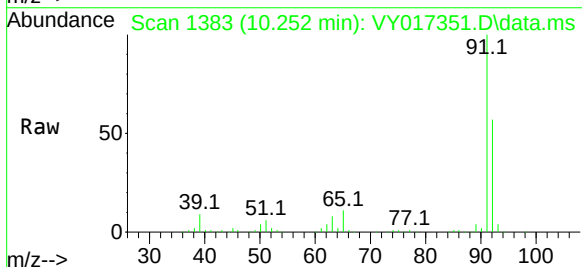
Acq: 12 Feb 2024 13:59

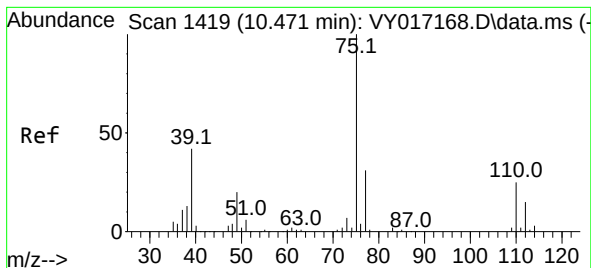
Tgt Ion: 92 Resp: 166000

Ion Ratio Lower Upper

92 100

91 173.2 137.6 206.4

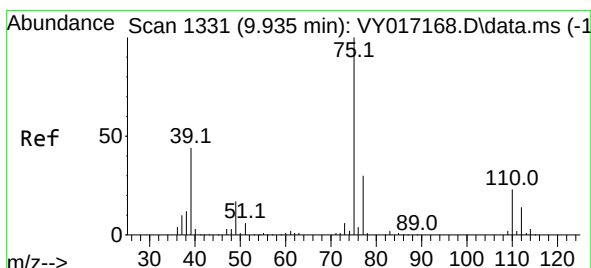
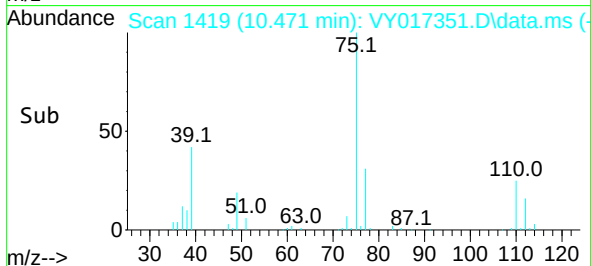
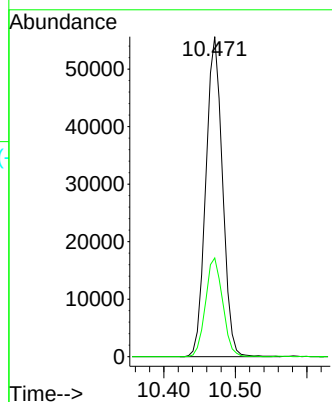
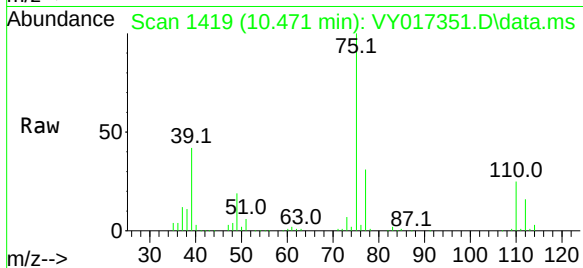




#53
 t-1,3-Dichloropropene
 Concen: 55.949 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017351.D
 Acq: 12 Feb 2024 13:59

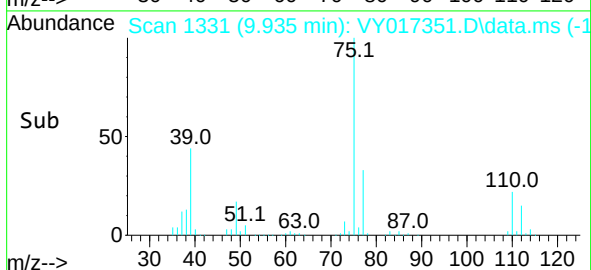
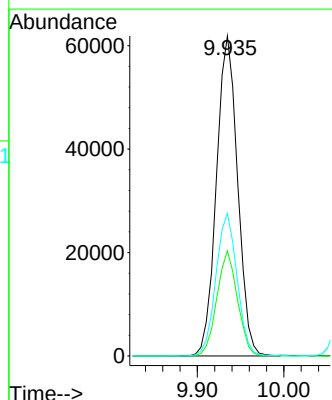
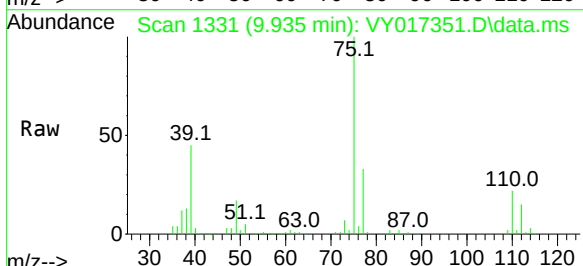
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

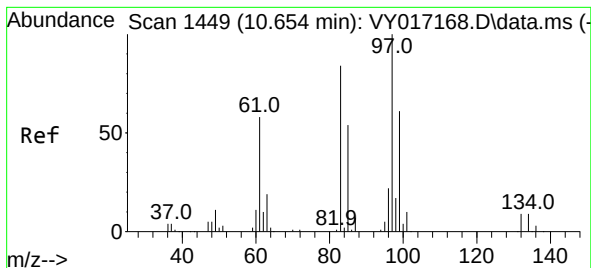
Tgt Ion: 75 Resp: 90043
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.553 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017351.D
 Acq: 12 Feb 2024 13:59

Tgt Ion: 75 Resp: 105159
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.6 36.8
 39 44.5 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 55.781 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 51958

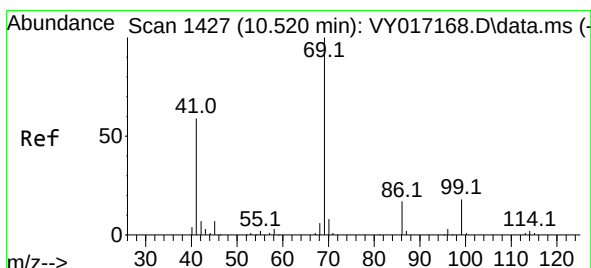
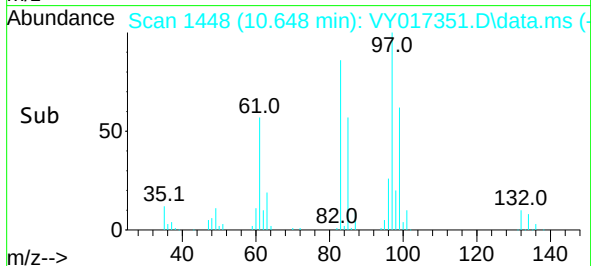
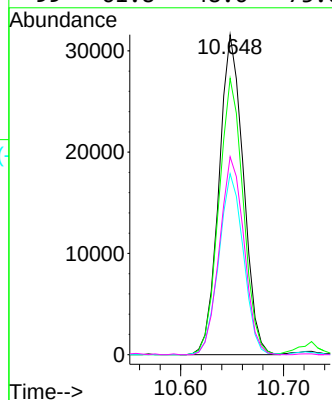
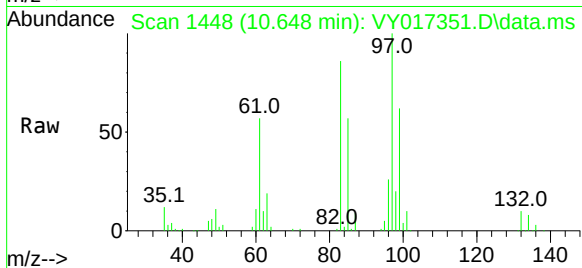
Ion Ratio Lower Upper

97 100

83 86.4 69.4 104.2

85 56.5 43.9 65.9

99 61.8 48.6 73.0



#56

Ethyl methacrylate

Concen: 54.172 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

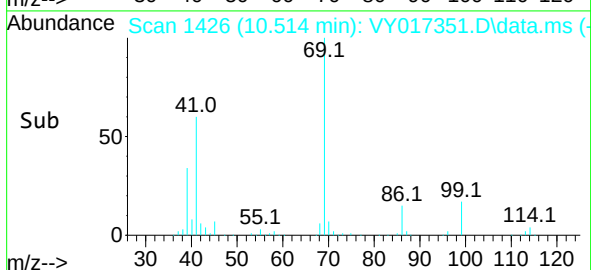
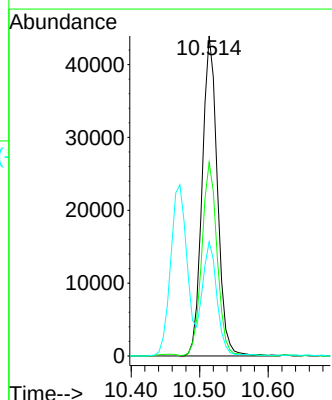
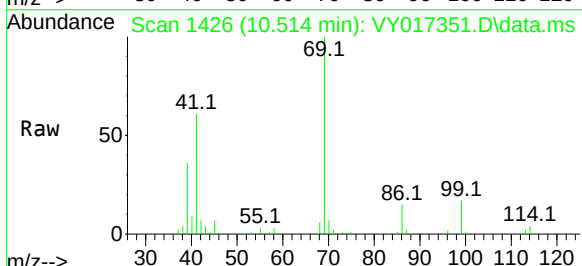
Tgt Ion: 69 Resp: 68225

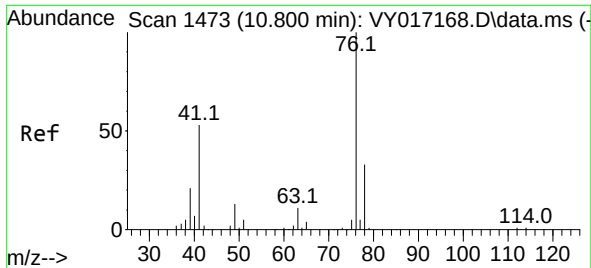
Ion Ratio Lower Upper

69 100

41 61.1 49.2 73.8

39 33.7 26.8 40.2





#57

1,3-Dichloropropane

Concen: 55.842 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

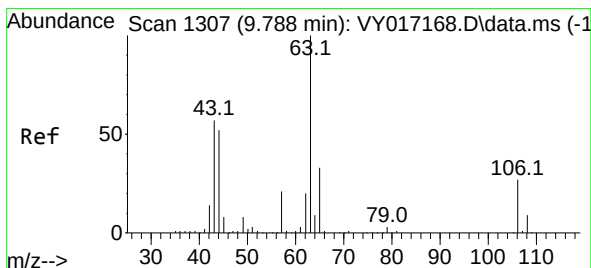
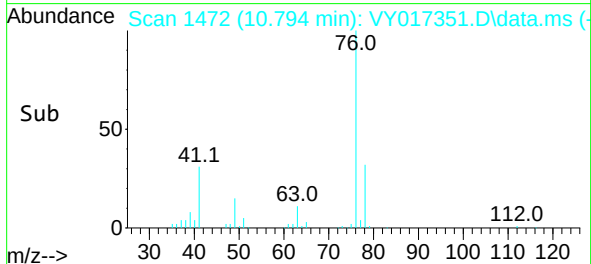
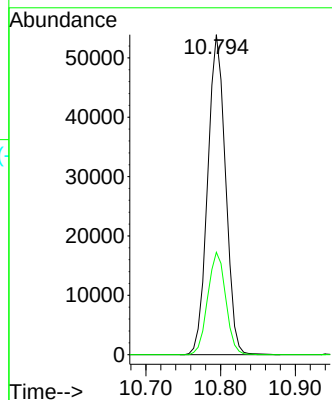
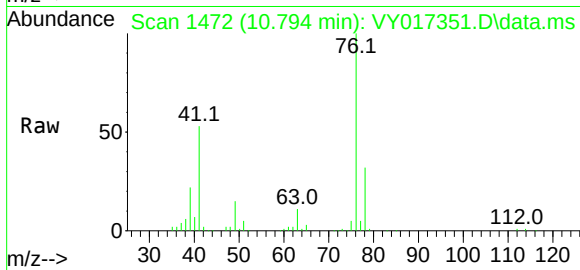
VSTDCCC050

Tgt Ion: 76 Resp: 89464

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 264.398 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017351.D

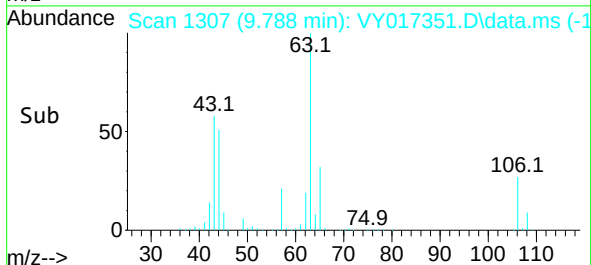
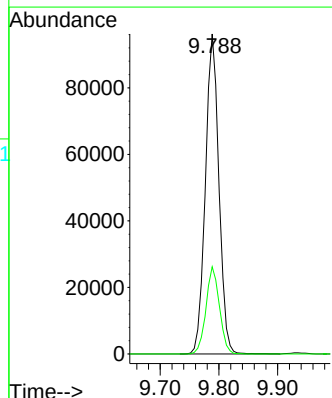
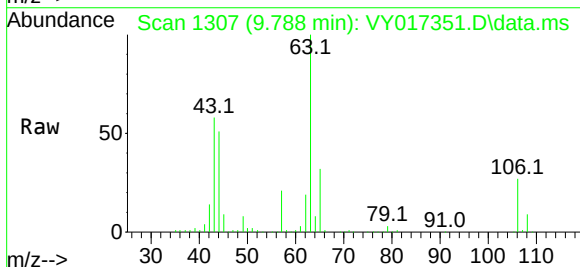
Acq: 12 Feb 2024 13:59

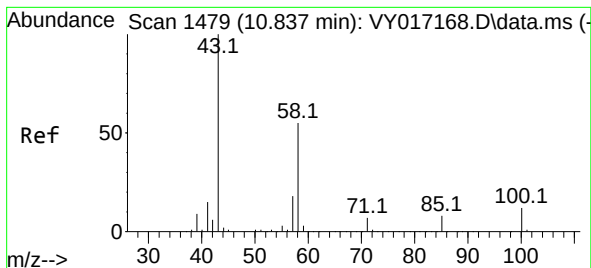
Tgt Ion: 63 Resp: 153428

Ion Ratio Lower Upper

63 100

106 27.1 22.4 33.6

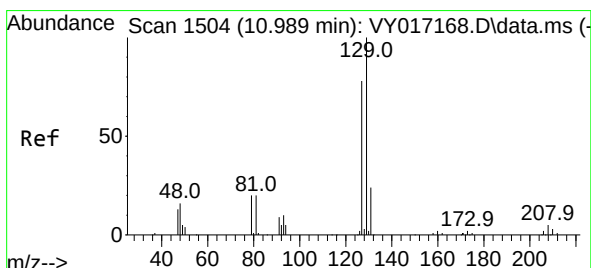
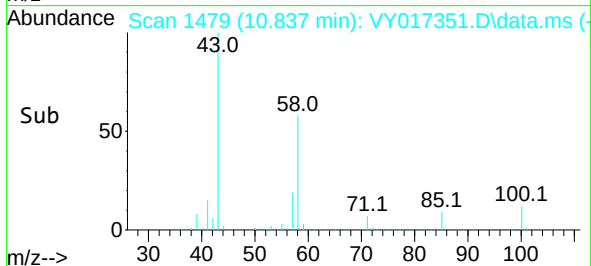
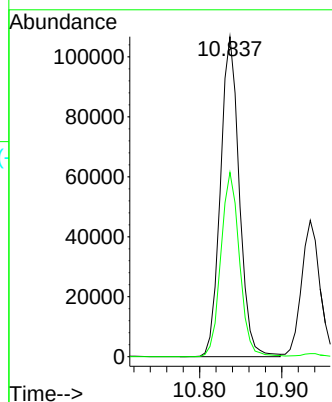
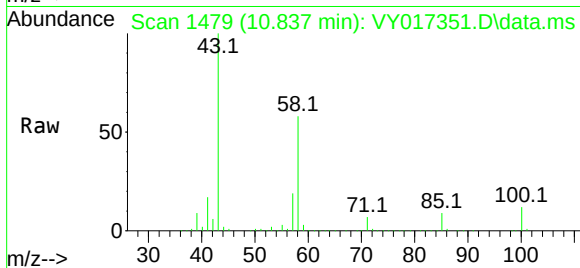




#59
2-Hexanone
Concen: 295.413 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

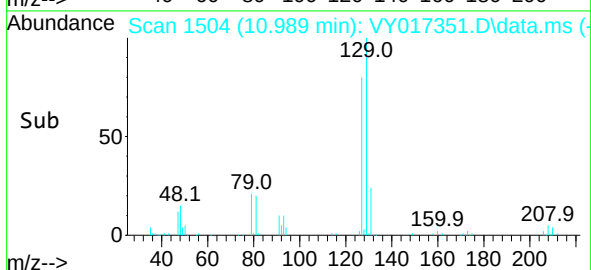
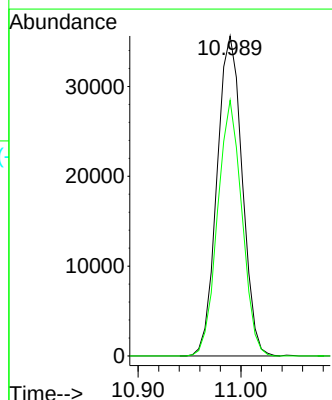
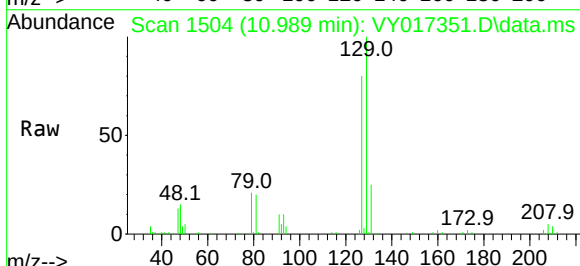
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

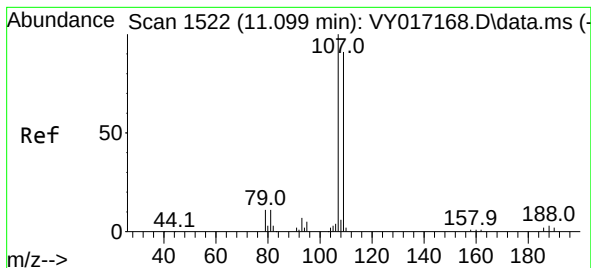
Tgt Ion: 43 Resp: 169872
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.3



#60
Dibromochloromethane
Concen: 55.574 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion:129 Resp: 60728
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6





#61

1,2-Dibromoethane

Concen: 55.064 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

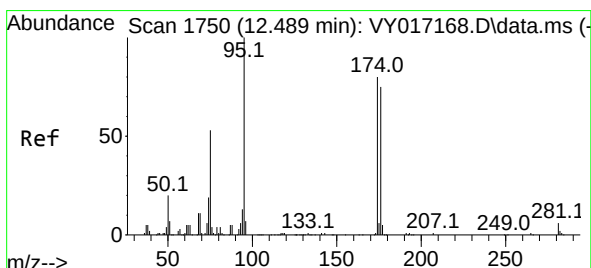
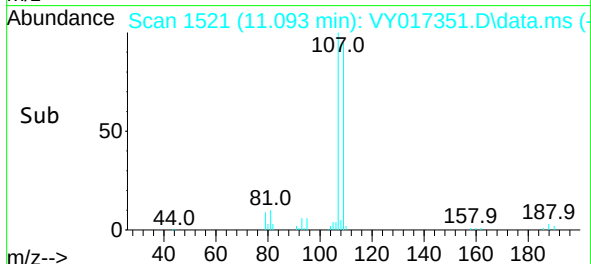
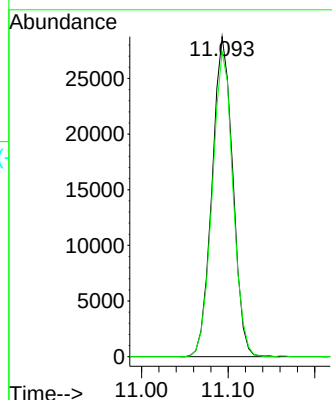
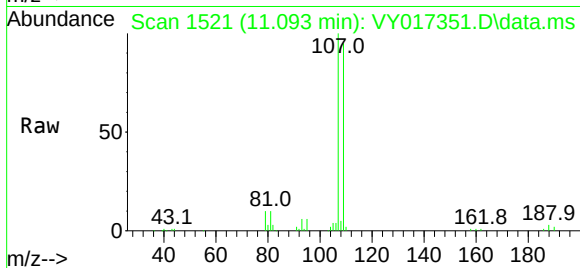
VSTDCCC050

Tgt Ion:107 Resp: 47702

Ion Ratio Lower Upper

107 100

109 95.7 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 43.620 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

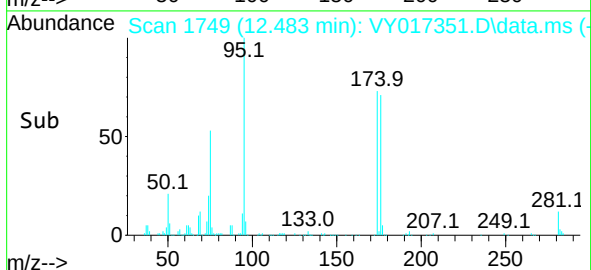
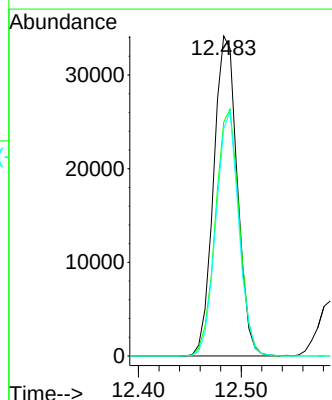
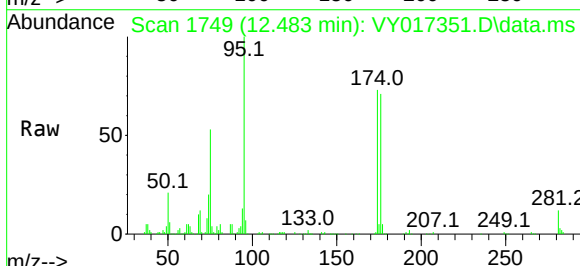
Tgt Ion: 95 Resp: 54496

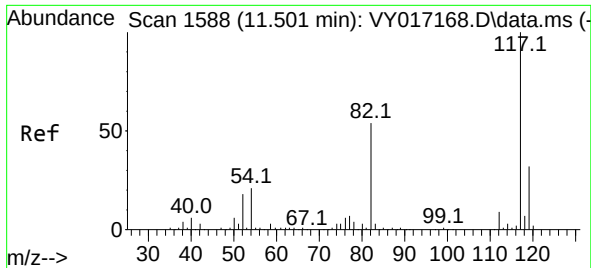
Ion Ratio Lower Upper

95 100

174 77.7 0.0 160.0

176 73.8 0.0 151.8

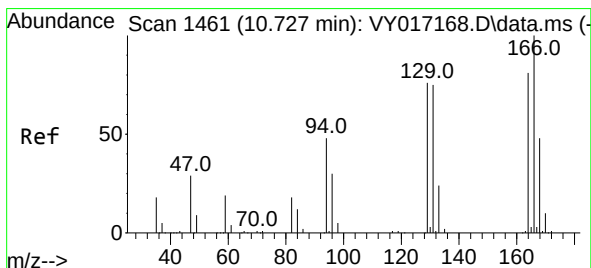
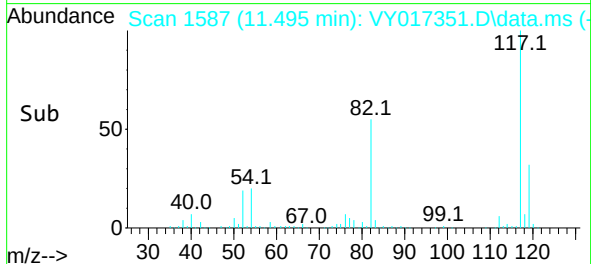
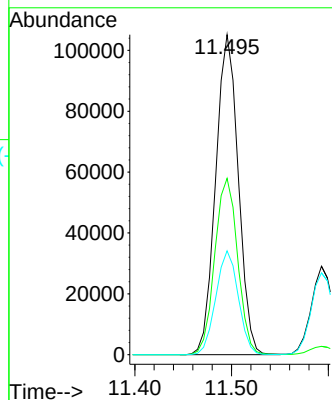
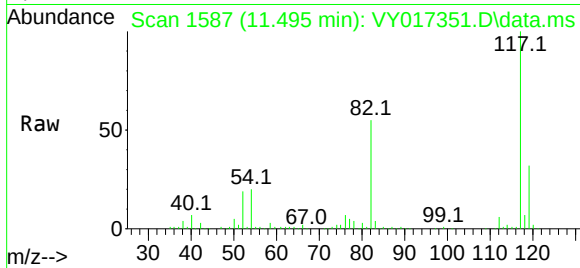




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

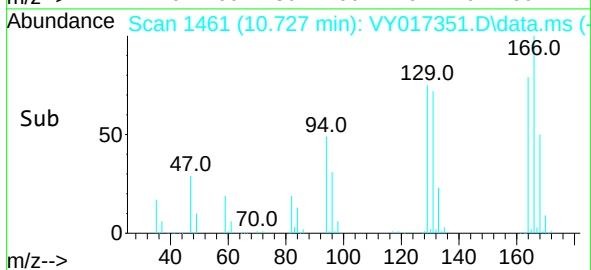
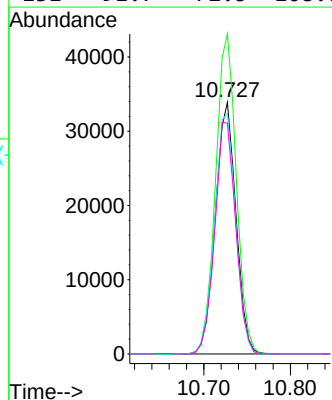
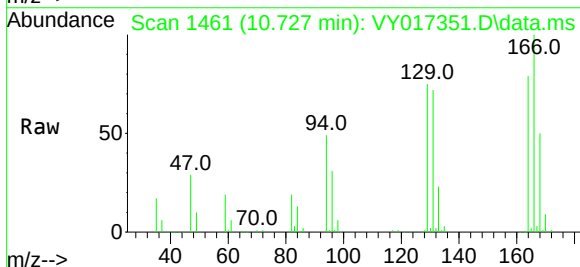
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

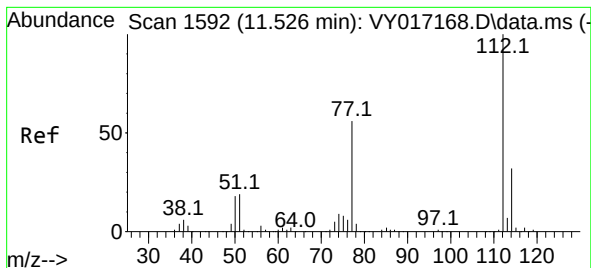
Tgt Ion:117 Resp: 170768
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 32.5 26.5 39.7



#64
Tetrachloroethene
Concen: 50.595 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion:164 Resp: 56113
Ion Ratio Lower Upper
164 100
166 127.1 98.8 148.2
129 95.5 78.9 118.3
131 91.7 72.5 108.7





#65

Chlorobenzene

Concen: 52.201 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

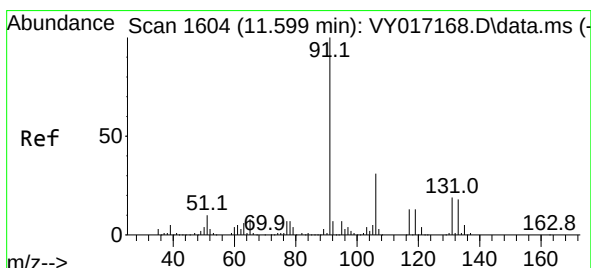
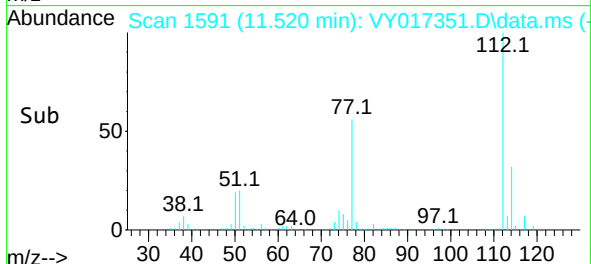
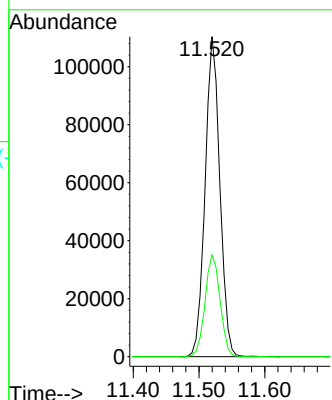
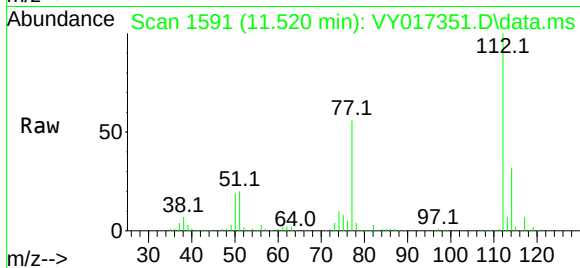
VSTDCCC050

Tgt Ion:112 Resp: 171961

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 53.905 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

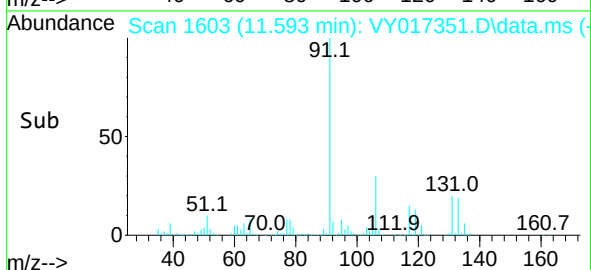
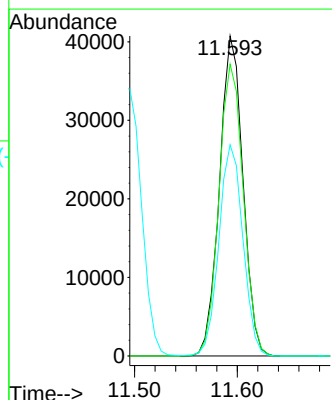
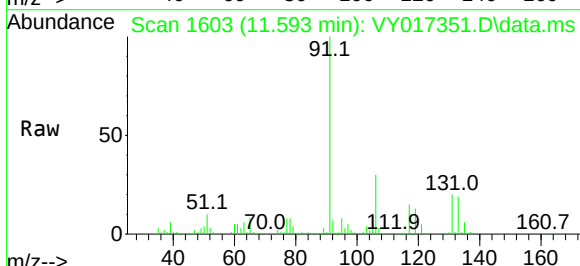
Tgt Ion:131 Resp: 64533

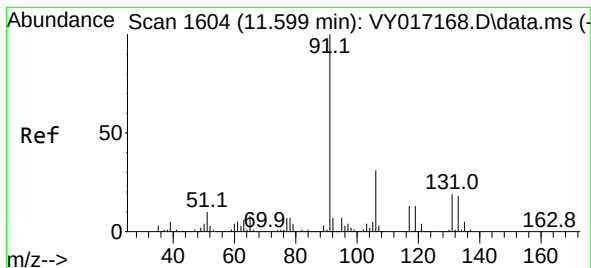
Ion Ratio Lower Upper

131 100

133 94.4 47.0 141.0

119 67.6 33.3 99.9





#67

Ethyl Benzene

Concen: 54.055 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

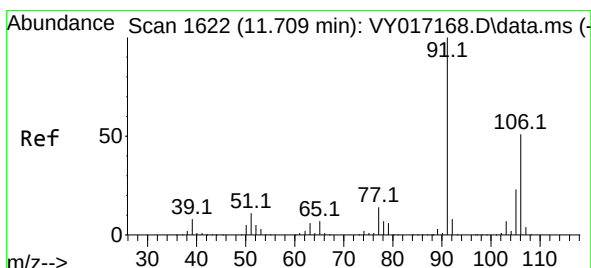
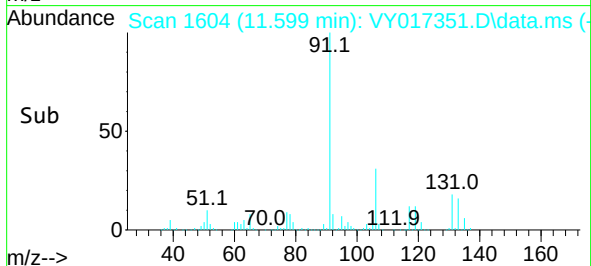
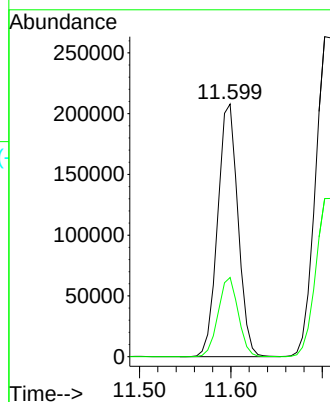
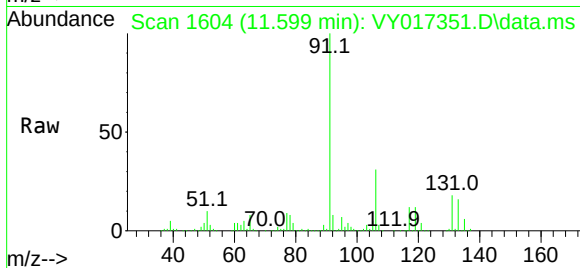
VSTDCCC050

Tgt Ion: 91 Resp: 321825

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 106.468 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017351.D

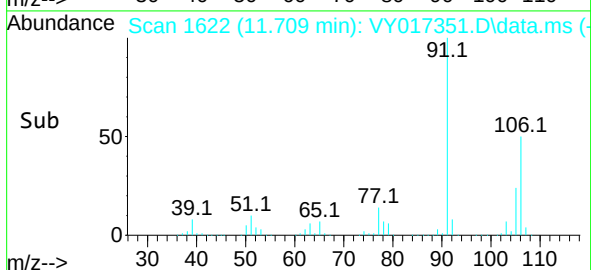
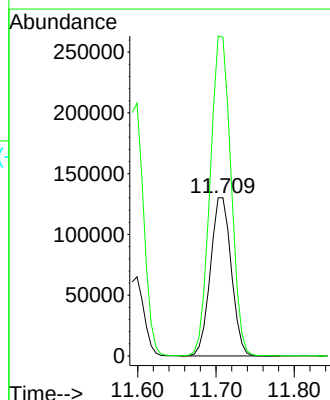
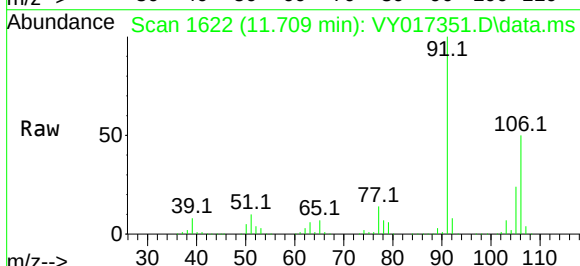
Acq: 12 Feb 2024 13:59

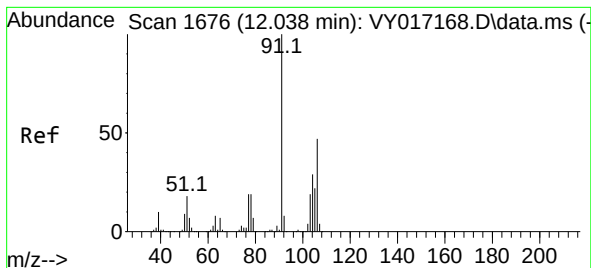
Tgt Ion:106 Resp: 240552

Ion Ratio Lower Upper

106 100

91 202.0 160.7 241.1





#69

o-Xylene

Concen: 54.894 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

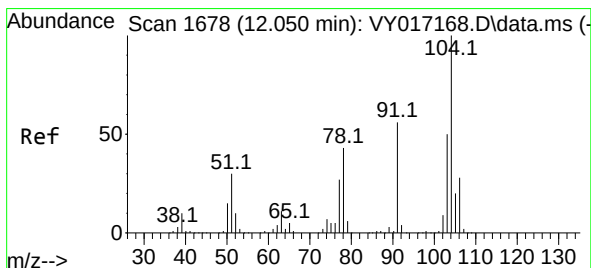
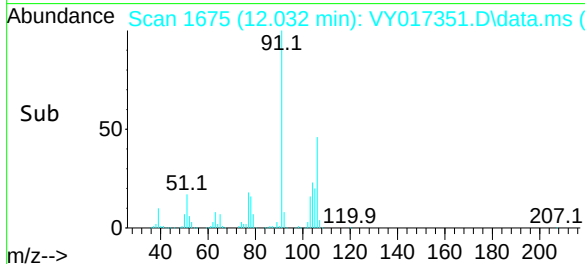
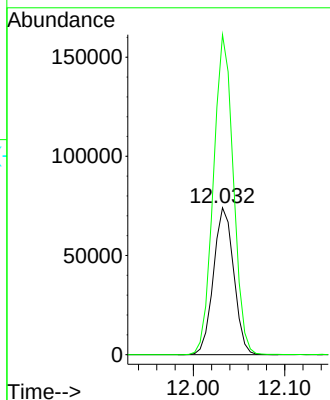
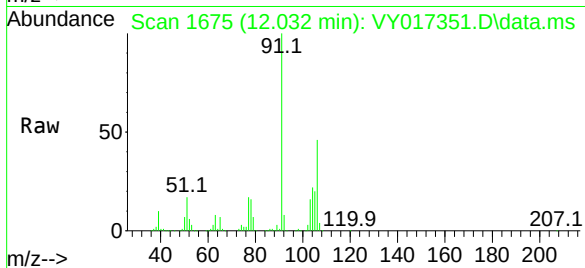
VSTDCCC050

Tgt Ion:106 Resp: 114215

Ion Ratio Lower Upper

106 100

91 214.3 106.5 319.5



#70

Styrene

Concen: 56.029 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

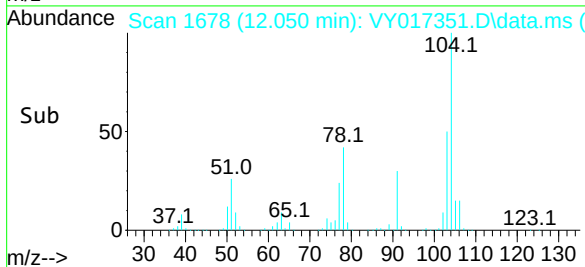
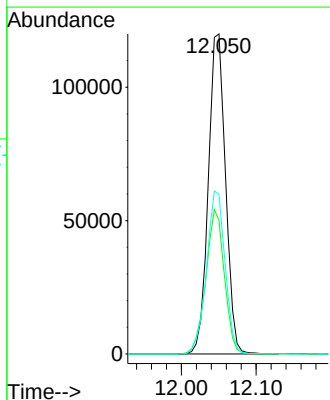
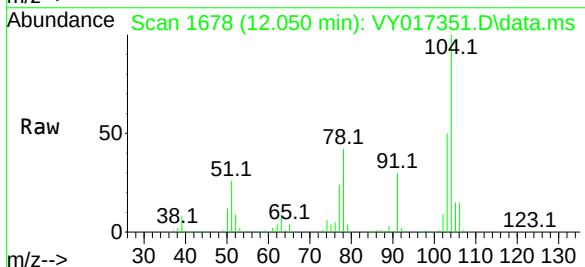
Tgt Ion:104 Resp: 192079

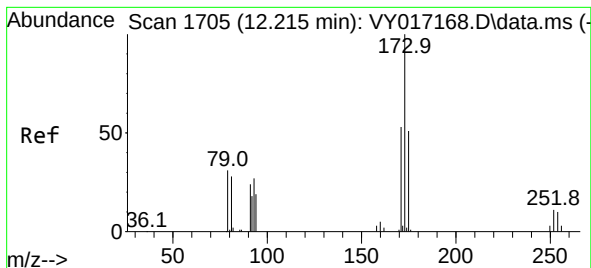
Ion Ratio Lower Upper

104 100

78 48.4 39.2 58.8

103 55.0 43.8 65.6





#71

Bromoform

Concen: 55.428 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

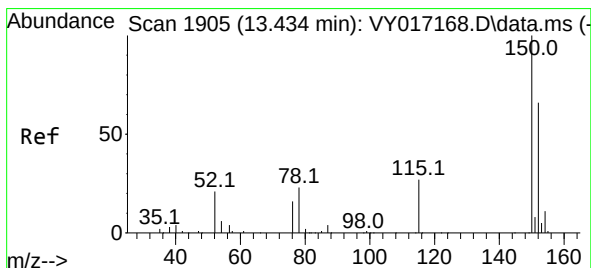
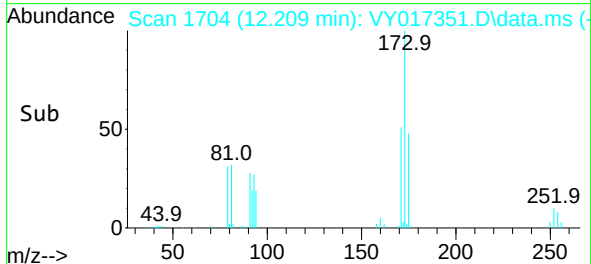
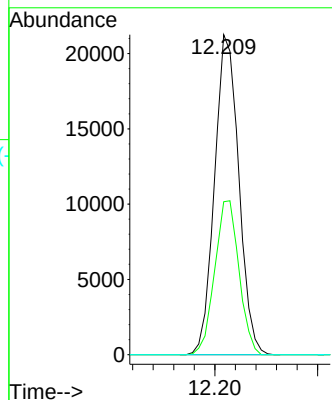
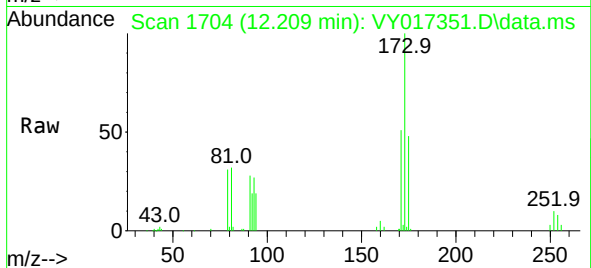
Tgt Ion:173 Resp: 34751

Ion Ratio Lower Upper

173 100

175 48.2 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

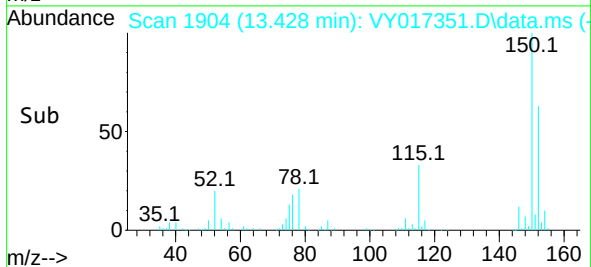
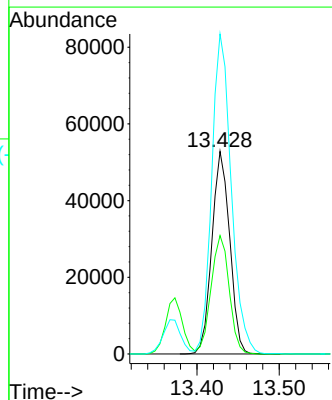
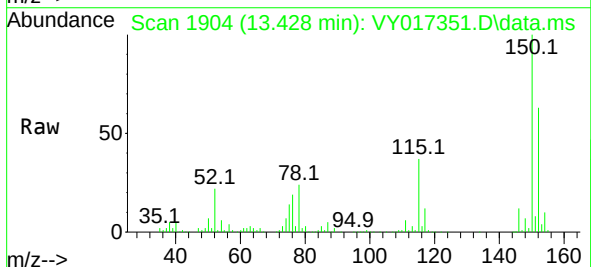
Tgt Ion:152 Resp: 79578

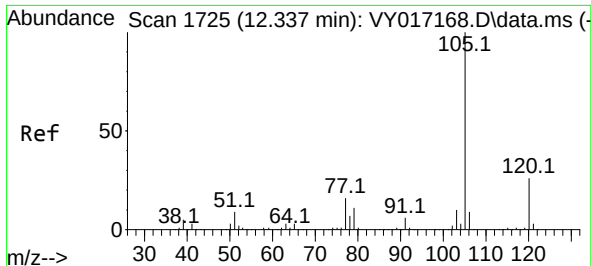
Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 173.1 0.0 344.6

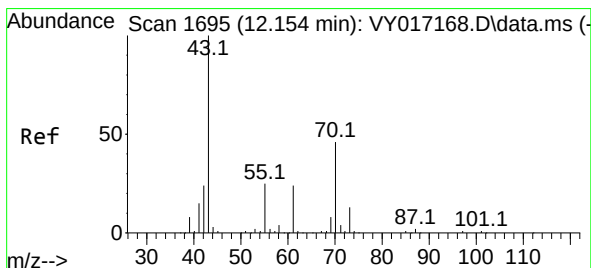
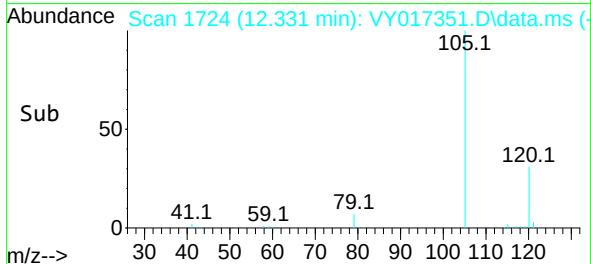
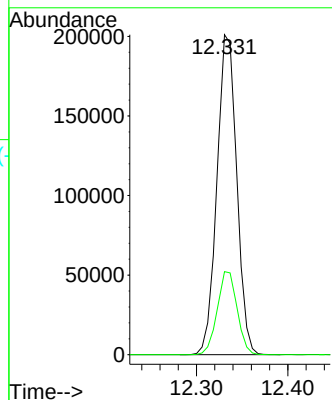
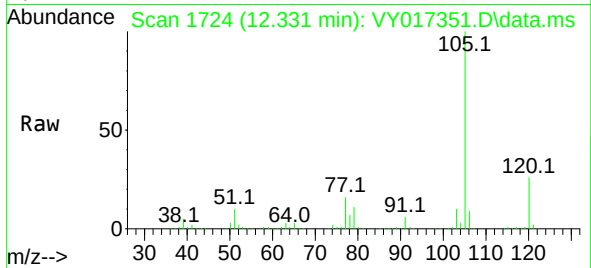




#73
Isopropylbenzene
Concen: 51.837 ug/l
RT: 12.331 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

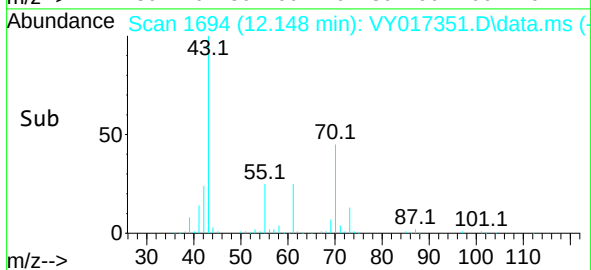
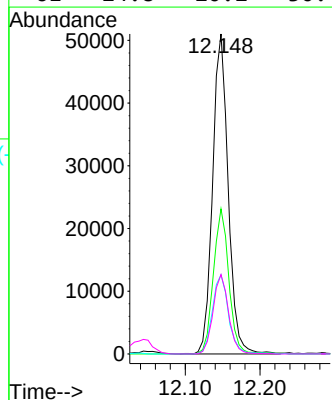
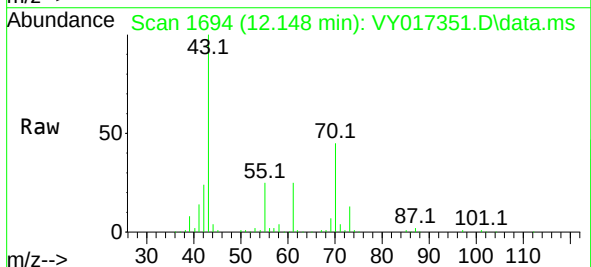
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

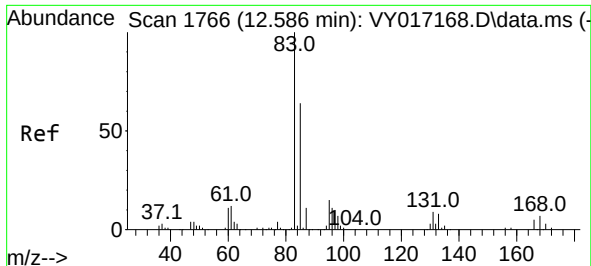
Tgt Ion:105 Resp: 303045
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 56.447 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 43 Resp: 74147
Ion Ratio Lower Upper
43 100
70 45.1 36.6 55.0
55 25.7 22.2 33.4
61 24.8 20.2 30.4

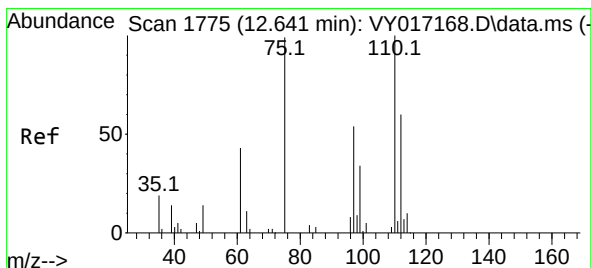
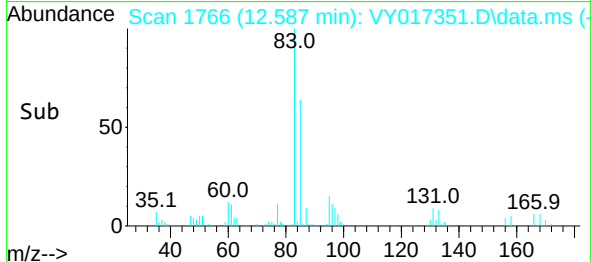
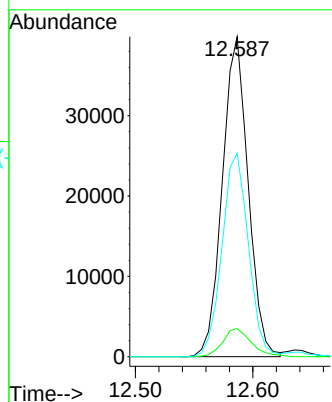
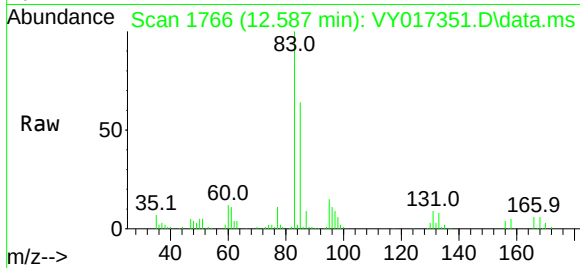




#75
1,1,2,2-Tetrachloroethane
Concen: 52.886 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

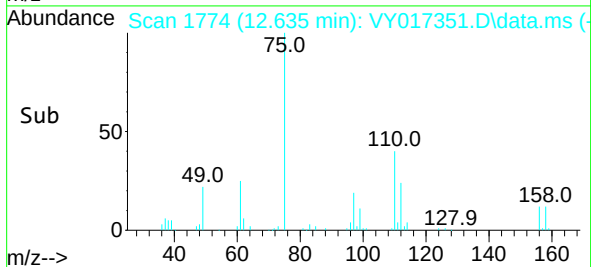
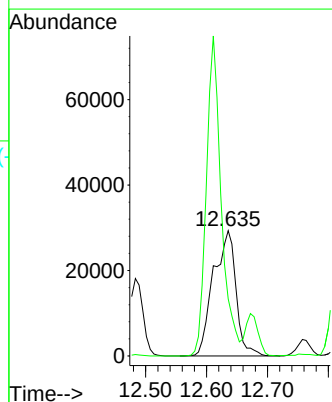
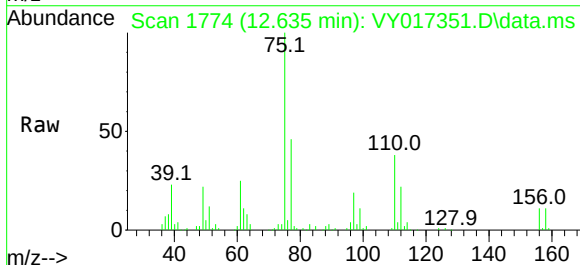
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

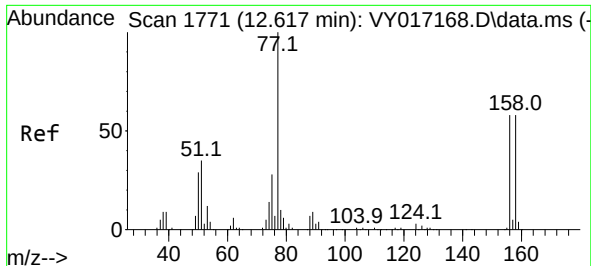
Tgt Ion: 83 Resp: 60810
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 65.1 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 102.992 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 75 Resp: 75647
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

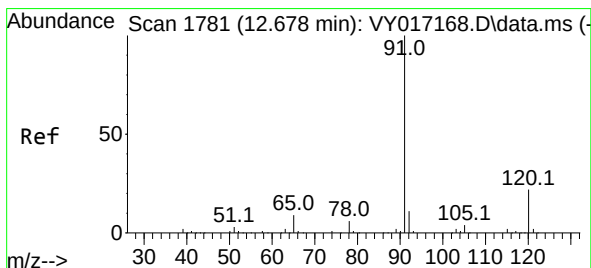
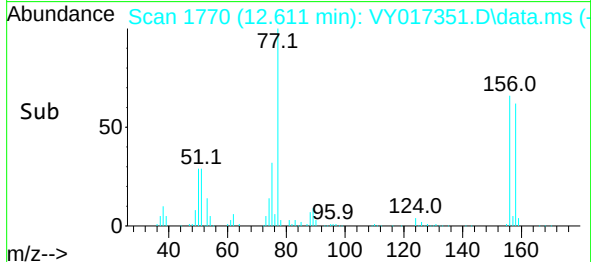
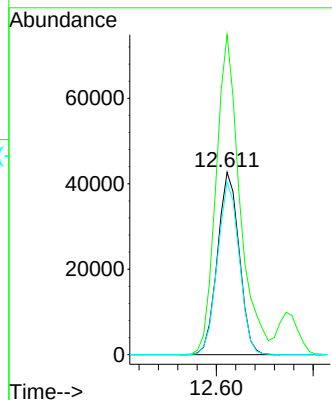
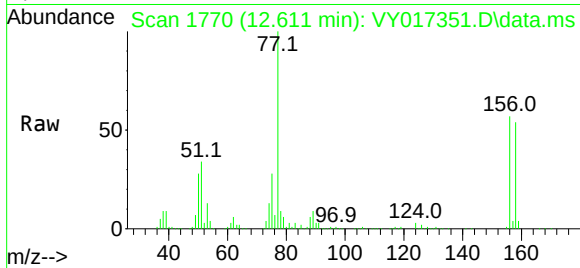




#77
Bromobenzene
Concen: 51.172 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

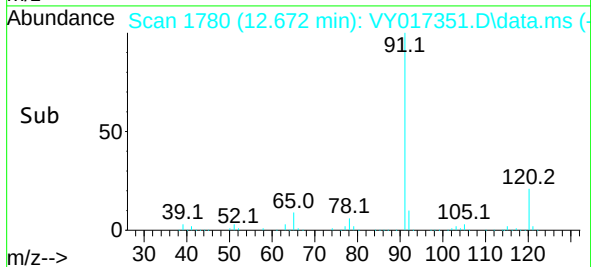
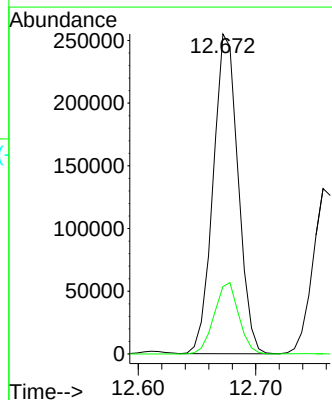
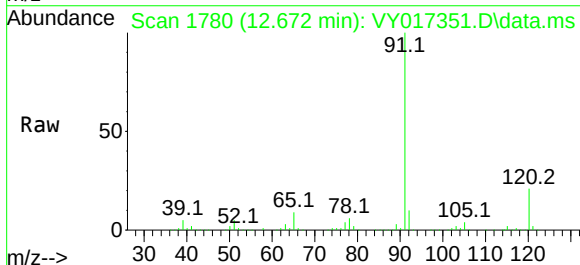
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

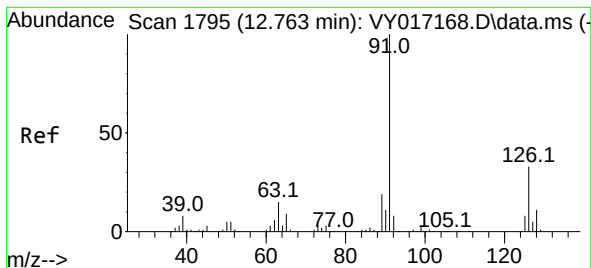
Tgt Ion:156 Resp: 66356
Ion Ratio Lower Upper
156 100
77 192.3 97.3 291.8
158 94.9 48.4 145.0



#78
n-propylbenzene
Concen: 52.397 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 91 Resp: 376211
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 52.454 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

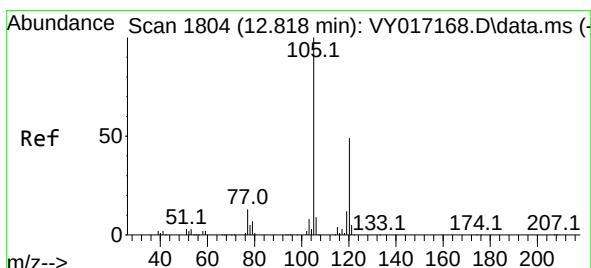
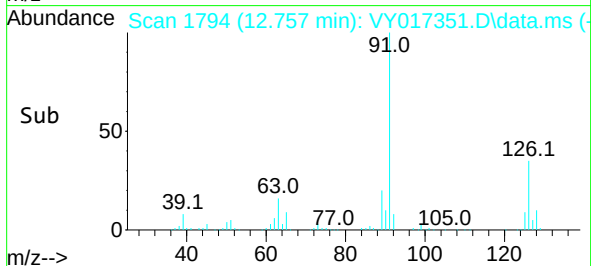
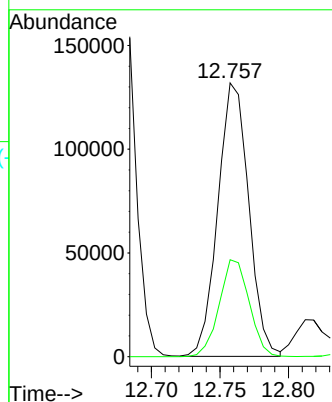
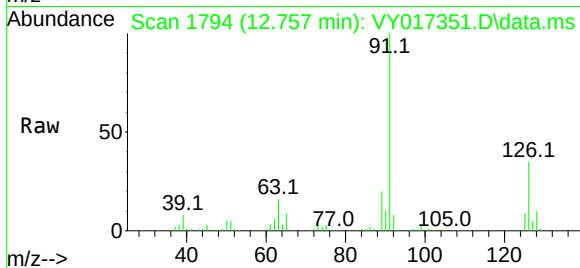
VSTDCCC050

Tgt Ion: 91 Resp: 207054

Ion Ratio Lower Upper

91 100

126 34.4 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 52.903 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY017351.D

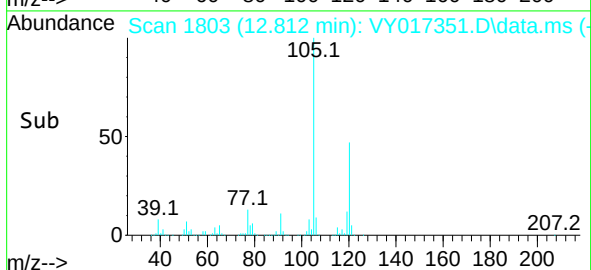
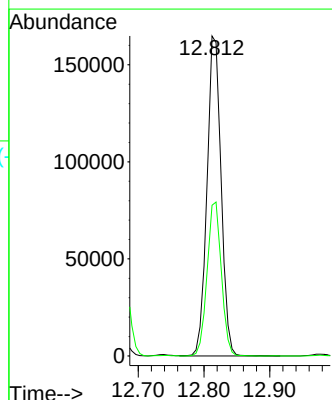
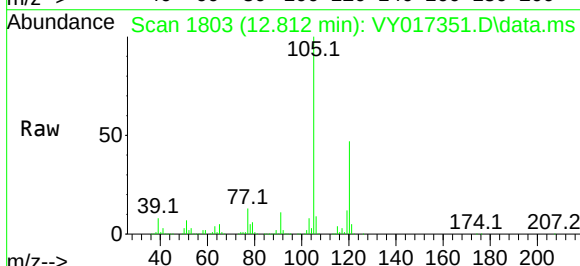
Acq: 12 Feb 2024 13:59

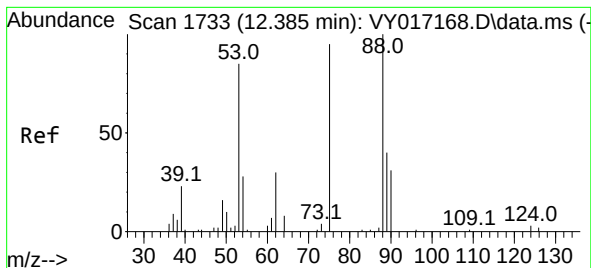
Tgt Ion:105 Resp: 245971

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

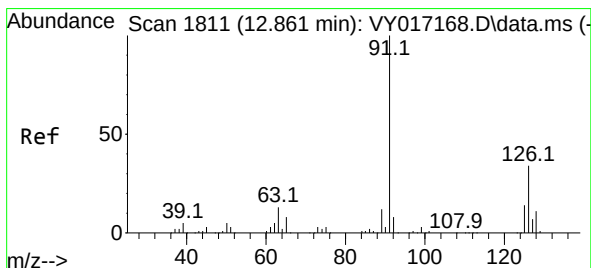
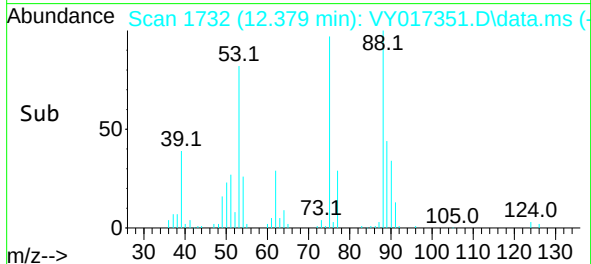
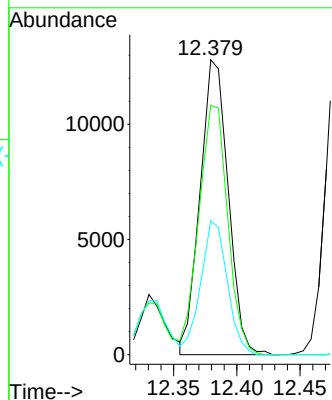
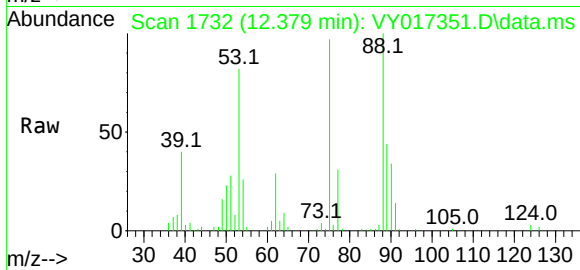




#81
trans-1,4-Dichloro-2-butene
Concen: 56.096 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

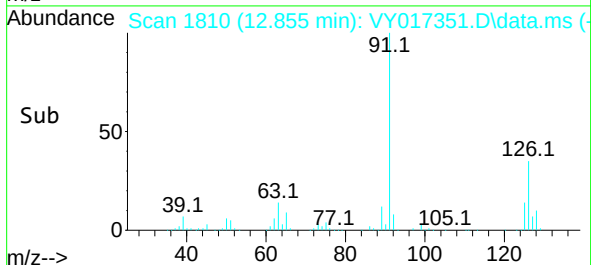
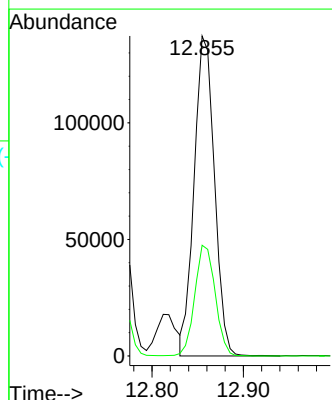
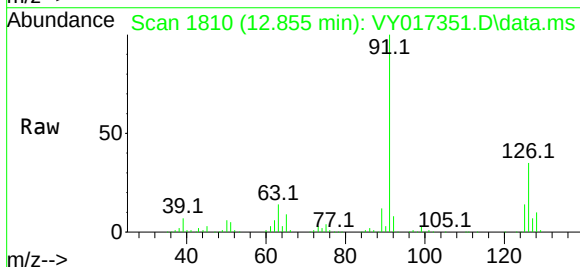
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

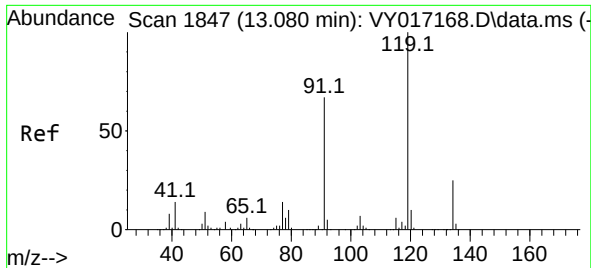
Tgt Ion: 75 Resp: 19829
Ion Ratio Lower Upper
75 100
53 86.6 74.0 111.0
89 42.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 52.160 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 91 Resp: 211908
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2

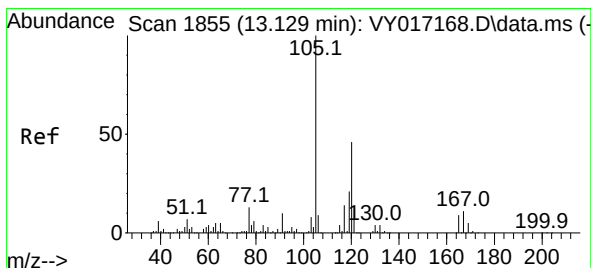
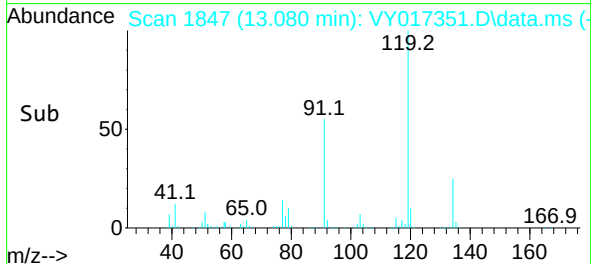
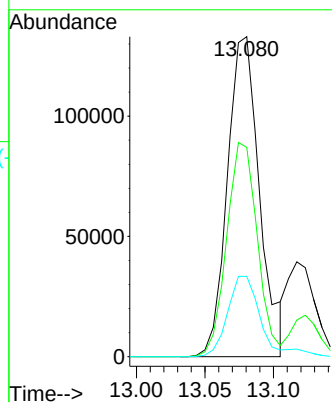
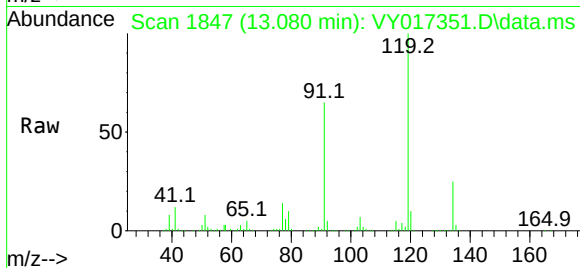




#83
tert-Butylbenzene
Concen: 54.590 ug/l
RT: 13.080 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

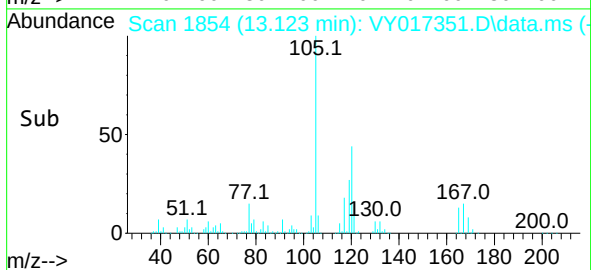
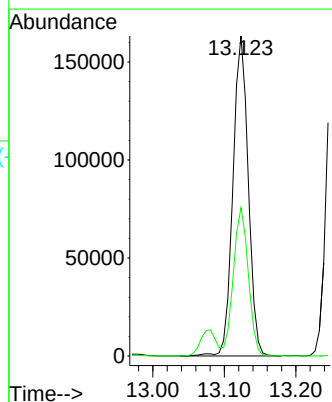
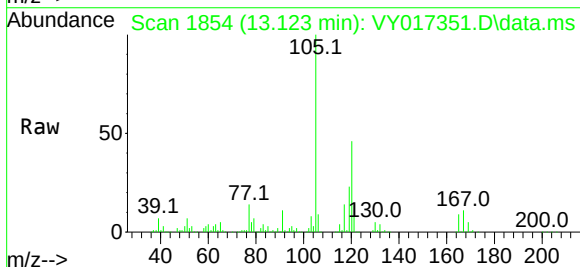
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

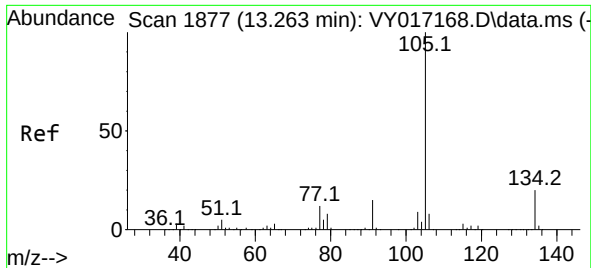
Tgt Ion:119 Resp: 217566
Ion Ratio Lower Upper
119 100
91 63.9 31.5 94.5
134 26.1 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 52.796 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion:105 Resp: 242297
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.3

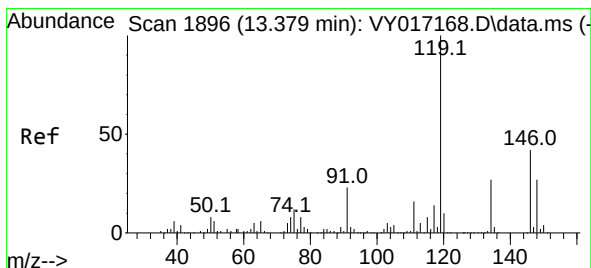
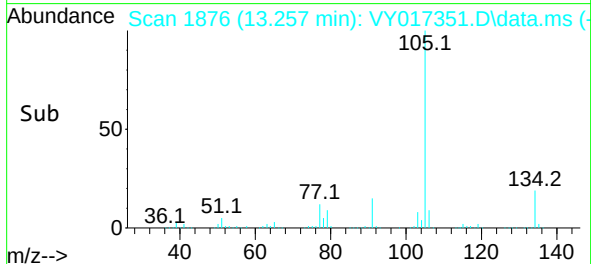
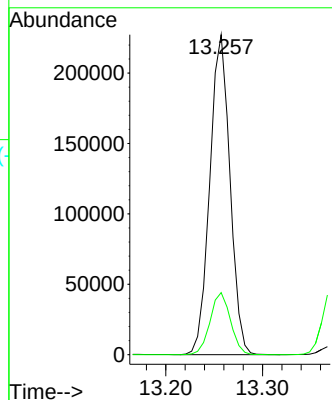
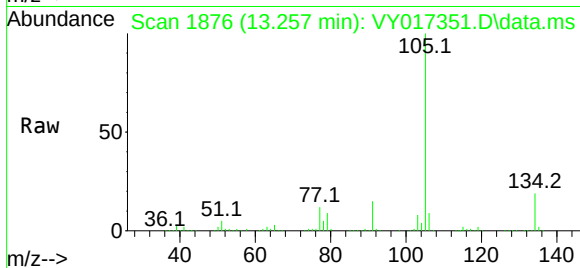




#85
 sec-Butylbenzene
 Concen: 52.934 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY017351.D
 Acq: 12 Feb 2024 13:59

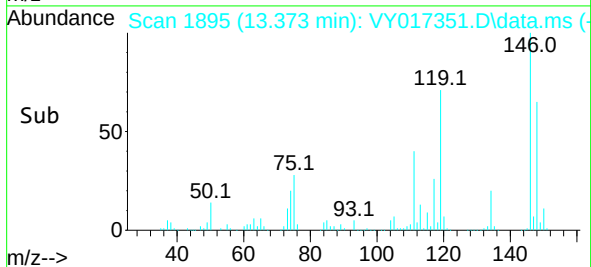
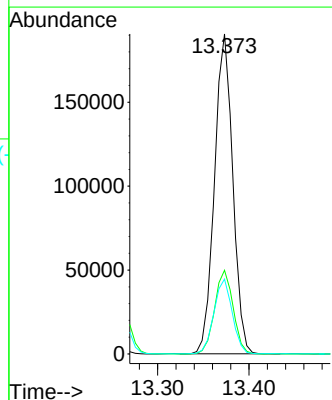
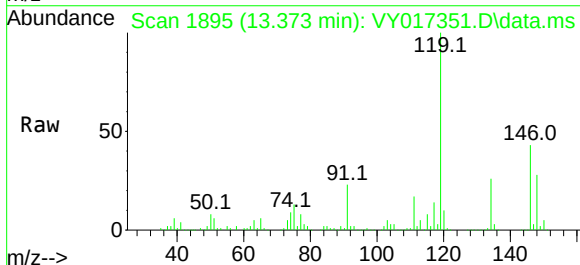
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

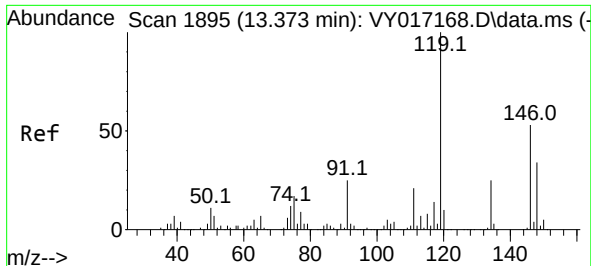
Tgt Ion:105 Resp: 329727
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.114 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY017351.D
 Acq: 12 Feb 2024 13:59

Tgt Ion:119 Resp: 264382
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 51.659 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

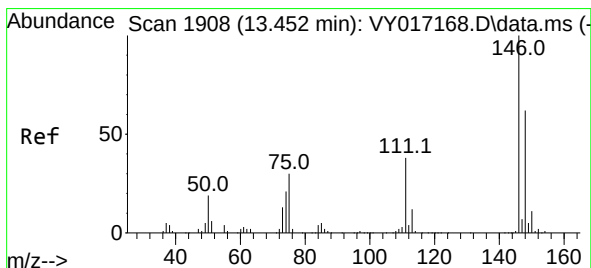
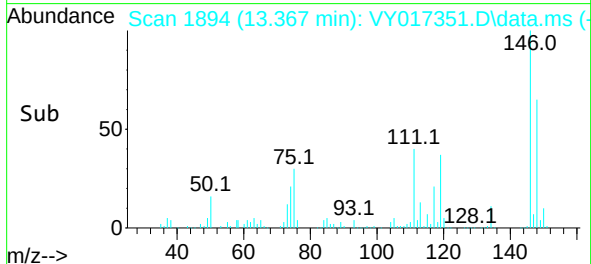
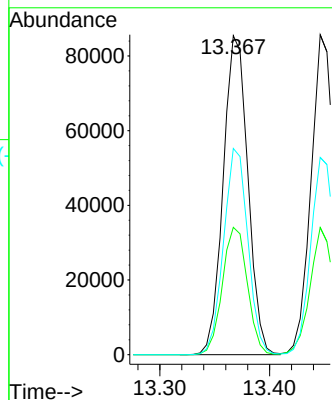
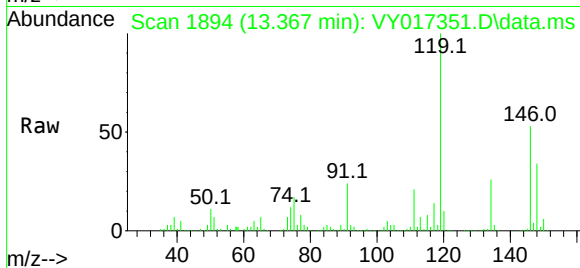
Tgt Ion:146 Resp: 133636

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.5

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 51.823 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

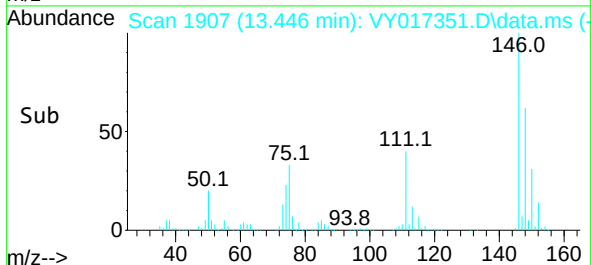
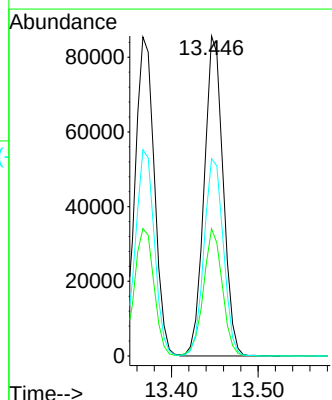
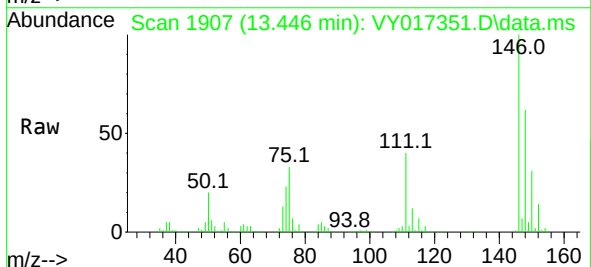
Tgt Ion:146 Resp: 130242

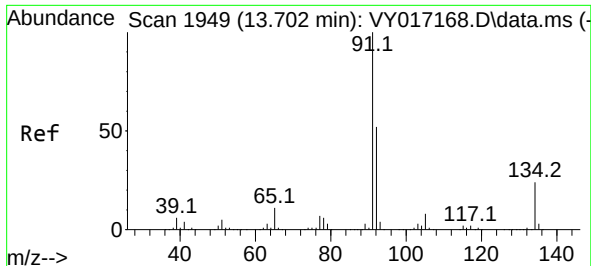
Ion Ratio Lower Upper

146 100

111 39.5 19.3 57.9

148 63.0 31.6 94.7

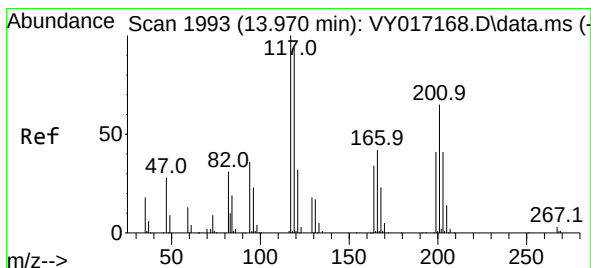
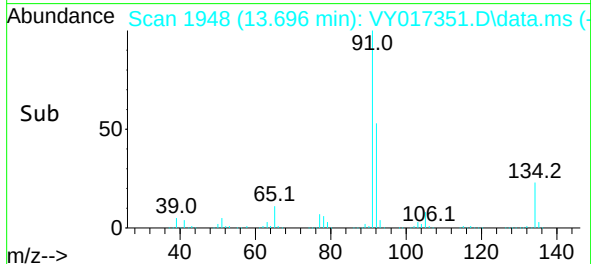
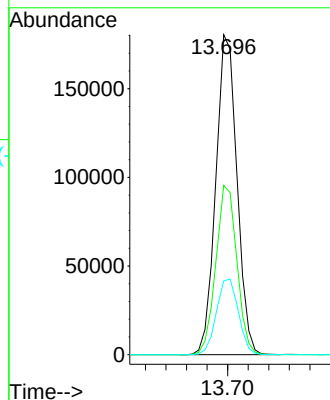
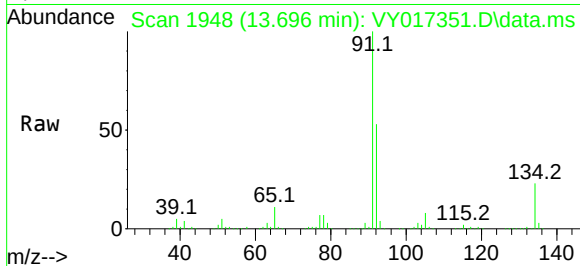




#89
n-Butylbenzene
Concen: 54.532 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

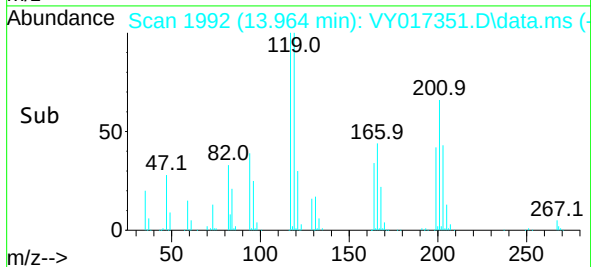
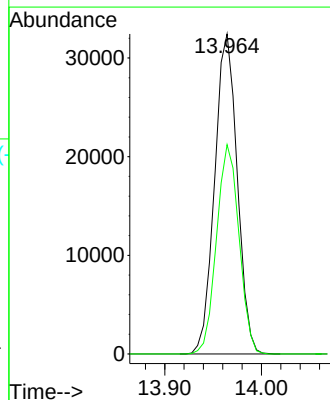
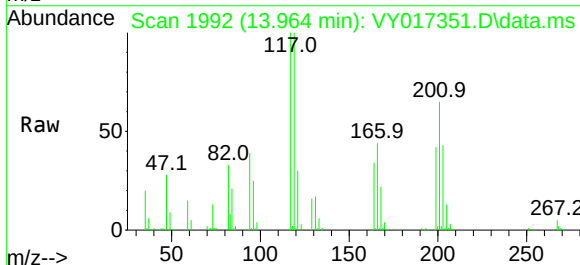
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

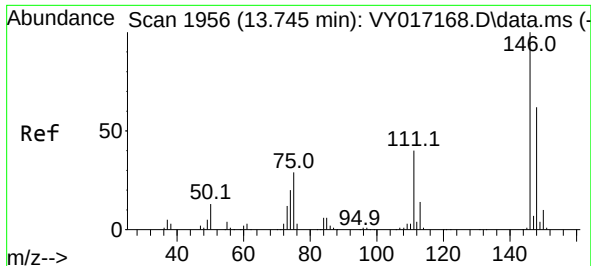
Tgt Ion: 91 Resp: 258083
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.2
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 51.483 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY017351.D
Acq: 12 Feb 2024 13:59

Tgt Ion: 117 Resp: 52609
Ion Ratio Lower Upper
117 100
201 64.9 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 52.627 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

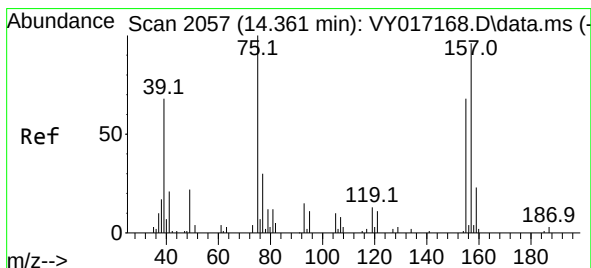
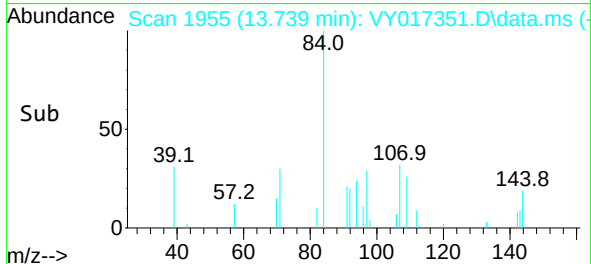
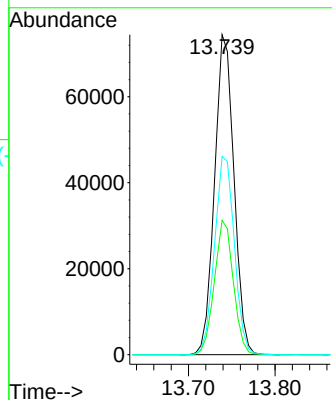
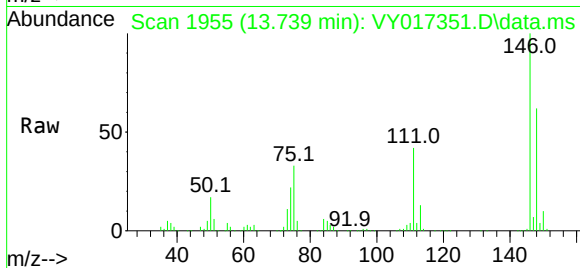
Tgt Ion:146 Resp: 115897

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 63.4 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.204 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

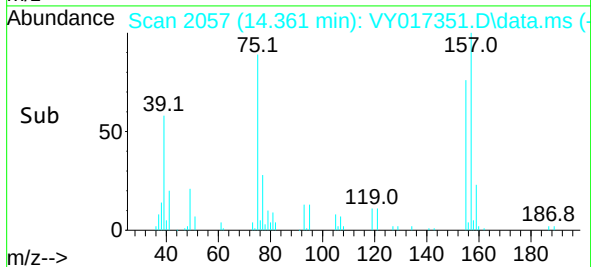
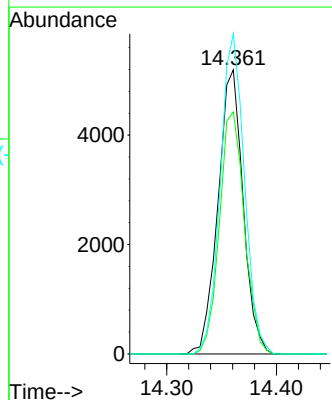
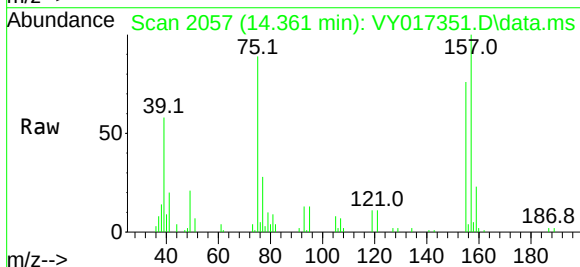
Tgt Ion: 75 Resp: 8268

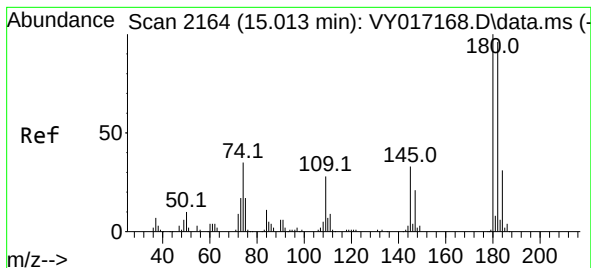
Ion Ratio Lower Upper

75 100

155 84.7 42.1 126.3

157 108.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 54.958 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

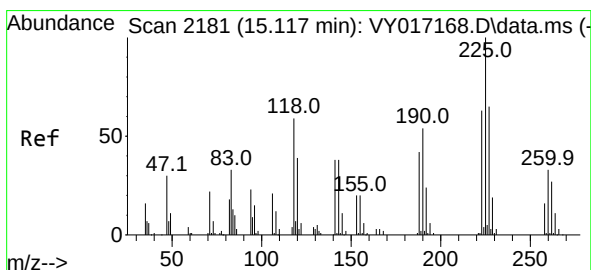
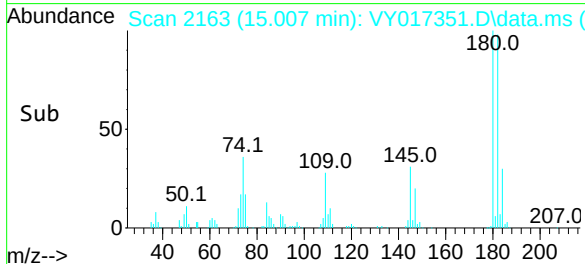
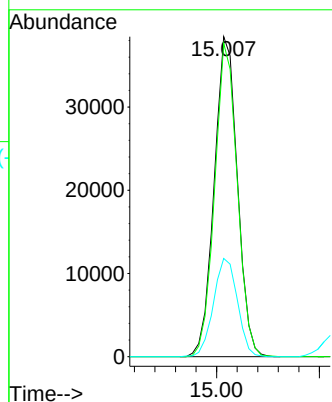
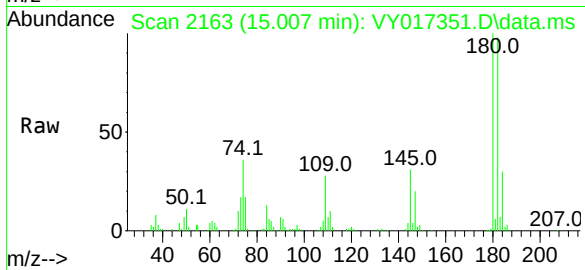
Tgt Ion:180 Resp: 60117

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 31.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 51.409 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

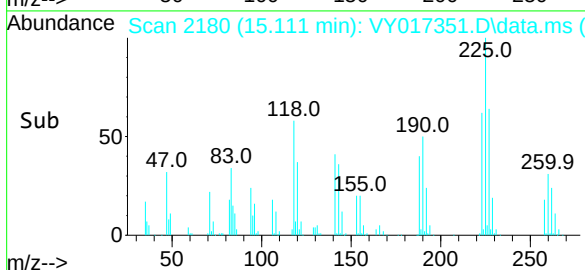
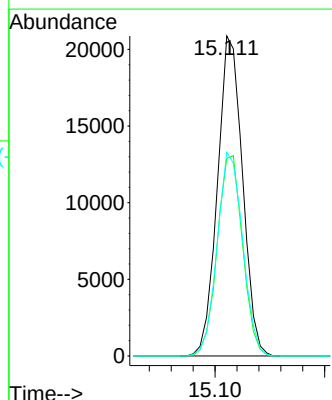
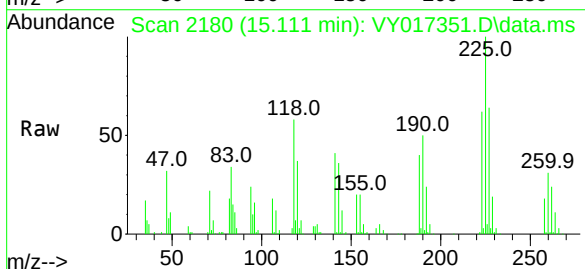
Tgt Ion:225 Resp: 33120

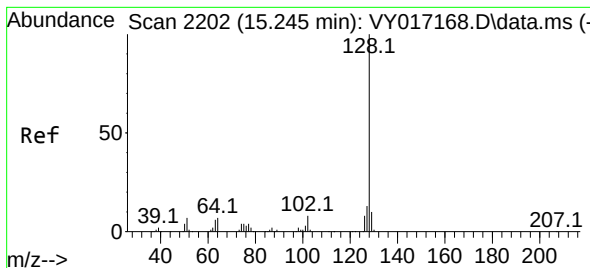
Ion Ratio Lower Upper

225 100

223 63.5 31.4 94.3

227 64.7 32.3 96.8





#95

Naphthalene

Concen: 53.206 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

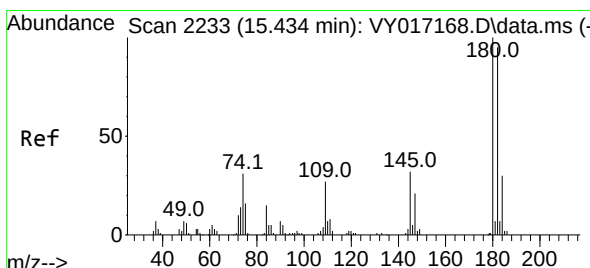
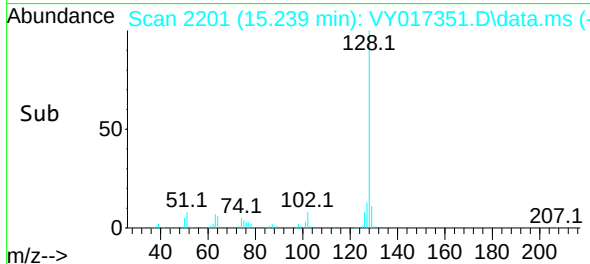
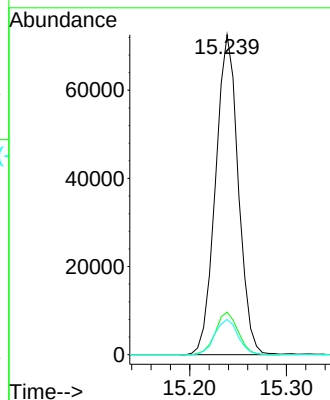
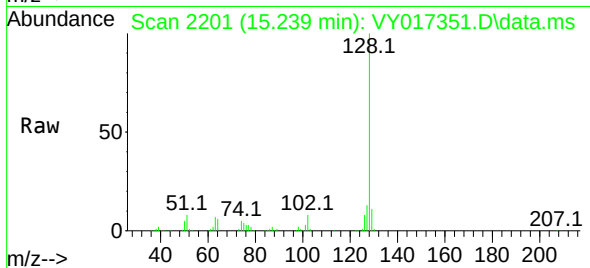
Tgt Ion:128 Resp: 118467

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 54.560 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017351.D

Acq: 12 Feb 2024 13:59

Tgt Ion:180 Resp: 50759

Ion Ratio Lower Upper

180 100

182 95.7 46.3 138.8

145 32.9 16.1 48.2

