

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013228.D
 Acq On : 10 Apr 2023 15:18
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 11 16:55:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 10 01:29:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	83679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55605	51.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.540%	
35) Dibromofluoromethane	7.716	113	46318	51.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.820%	
50) Toluene-d8	10.179	98	170509	53.350	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.483	95	59814	54.218	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	36528	45.770	ug/l	98
3) Chloromethane	2.113	50	40970	38.681	ug/l	97
4) Vinyl Chloride	2.253	62	43250	45.717	ug/l	98
5) Bromomethane	2.650	94	30219	52.168	ug/l	93
6) Chloroethane	2.790	64	31501	43.461	ug/l	98
7) Trichlorofluoromethane	3.125	101	70793	48.980	ug/l	98
8) Diethyl Ether	3.528	74	27179	50.773	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	42591	49.388	ug/l	96
10) Methyl Iodide	4.088	142	49653	51.036	ug/l	95
11) Tert butyl alcohol	4.948	59	44022	232.840	ug/l	99
12) 1,1-Dichloroethene	3.869	96	37906	48.291	ug/l	96
13) Acrolein	3.729	56	25267	256.422	ug/l	99
14) Allyl chloride	4.479	41	81284	50.450	ug/l	93
15) Acrylonitrile	5.155	53	95187	281.029	ug/l	99
16) Acetone	3.942	43	128541	328.838	ug/l	97
17) Carbon Disulfide	4.192	76	86383	37.732	ug/l	100
18) Methyl Acetate	4.473	43	70538	53.785	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	150392	56.583	ug/l	99
20) Methylene Chloride	4.710	84	51999	51.971	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	45106	48.735	ug/l	96
22) Diisopropyl ether	6.113	45	192073	57.354	ug/l	98
23) Vinyl Acetate	6.058	43	603484	286.571	ug/l	99
24) 1,1-Dichloroethane	6.015	63	92931	52.059	ug/l	98
25) 2-Butanone	6.978	43	164218	306.492	ug/l	93
26) 2,2-Dichloropropane	6.978	77	87404	52.976	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	54602	51.838	ug/l	94
28) Bromochloromethane	7.326	49	45196	54.817	ug/l	94
29) Tetrahydrofuran	7.344	42	93708	290.757	ug/l	97
30) Chloroform	7.503	83	97929	53.473	ug/l	100
31) Cyclohexane	7.783	56	69381	45.848	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	85255	52.369	ug/l	98
36) 1,1-Dichloropropene	7.917	75	67249	50.875	ug/l	98
37) Ethyl Acetate	7.070	43	61839	55.745	ug/l	97
38) Carbon Tetrachloride	7.899	117	77446	51.131	ug/l	98
39) Methylcyclohexane	9.179	83	72500	49.309	ug/l	94
40) Benzene	8.155	78	199435	51.047	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	86840	207.225	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	72545	53.405	ug/l	97
43) Isopropyl Acetate	8.271	43	109679	56.309	ug/l	96
44) Trichloroethene	8.935	130	50769	50.543	ug/l	91
45) 1,2-Dichloropropane	9.210	63	53994	52.756	ug/l	98
46) Dibromomethane	9.301	93	31676	50.841	ug/l	98
47) Bromodichloromethane	9.496	83	78019	53.595	ug/l	96
48) Methyl methacrylate	9.289	41	48808	57.141	ug/l	93
49) 1,4-Dioxane	9.301	88	10346	1240.005	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	322381	295.370	ug/l	97
52) Toluene	10.240	92	127101	53.514	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	84616	55.525	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	88756	54.163	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	45889	54.541	ug/l	98
56) Ethyl methacrylate	10.508	69	69357	60.355	ug/l	93
57) 1,3-Dichloropropane	10.789	76	78893	54.402	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	140114	257.800	ug/l	99
59) 2-Hexanone	10.831	43	247138	314.125	ug/l	97
60) Dibromochloromethane	10.984	129	57591	55.170	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43710	53.762	ug/l	100
64) Tetrachloroethene	10.715	164	43910	50.462	ug/l	98
65) Chlorobenzene	11.514	112	139883	53.229	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	56302	54.838	ug/l	98
67) Ethyl Benzene	11.593	91	252246	55.734	ug/l	100
68) m/p-Xylenes	11.703	106	194292	112.245	ug/l	100
69) o-Xylene	12.026	106	92133	56.921	ug/l	99
70) Styrene	12.044	104	161695	58.282	ug/l	99
71) Bromoform	12.209	173	40405	56.565	ug/l #	99
73) Isopropylbenzene	12.331	105	251044	56.230	ug/l	99
74) N-amyl acetate	12.142	43	99256	60.153	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	63234	55.564	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	83803	100.597	ug/l #	100
77) Bromobenzene	12.605	156	60725	54.314	ug/l	97
78) n-propylbenzene	12.672	91	308207	56.276	ug/l	99
79) 2-Chlorotoluene	12.758	91	170025	54.523	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	209852	56.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	23467	57.827	ug/l	94
82) 4-Chlorotoluene	12.855	91	182051	55.970	ug/l	98
83) tert-Butylbenzene	13.075	119	187233	57.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	208647	57.792	ug/l	99
85) sec-Butylbenzene	13.251	105	276801	57.764	ug/l	100
86) p-Isopropyltoluene	13.367	119	230055	57.811	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	119718	54.324	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	119652	53.383	ug/l	99
89) n-Butylbenzene	13.697	91	217961	57.799	ug/l	99
90) Hexachloroethane	13.959	117	45930	54.307	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	110817	54.786	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11494	54.303	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	67159	55.473	ug/l	99
94) Hexachlorobutadiene	15.111	225	37255	51.334	ug/l	98
95) Naphthalene	15.233	128	152468	57.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61218	54.383	ug/l	100

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Instrument :
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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Mon Apr 10 01:29:21 2023
Response via : Initial Calibration

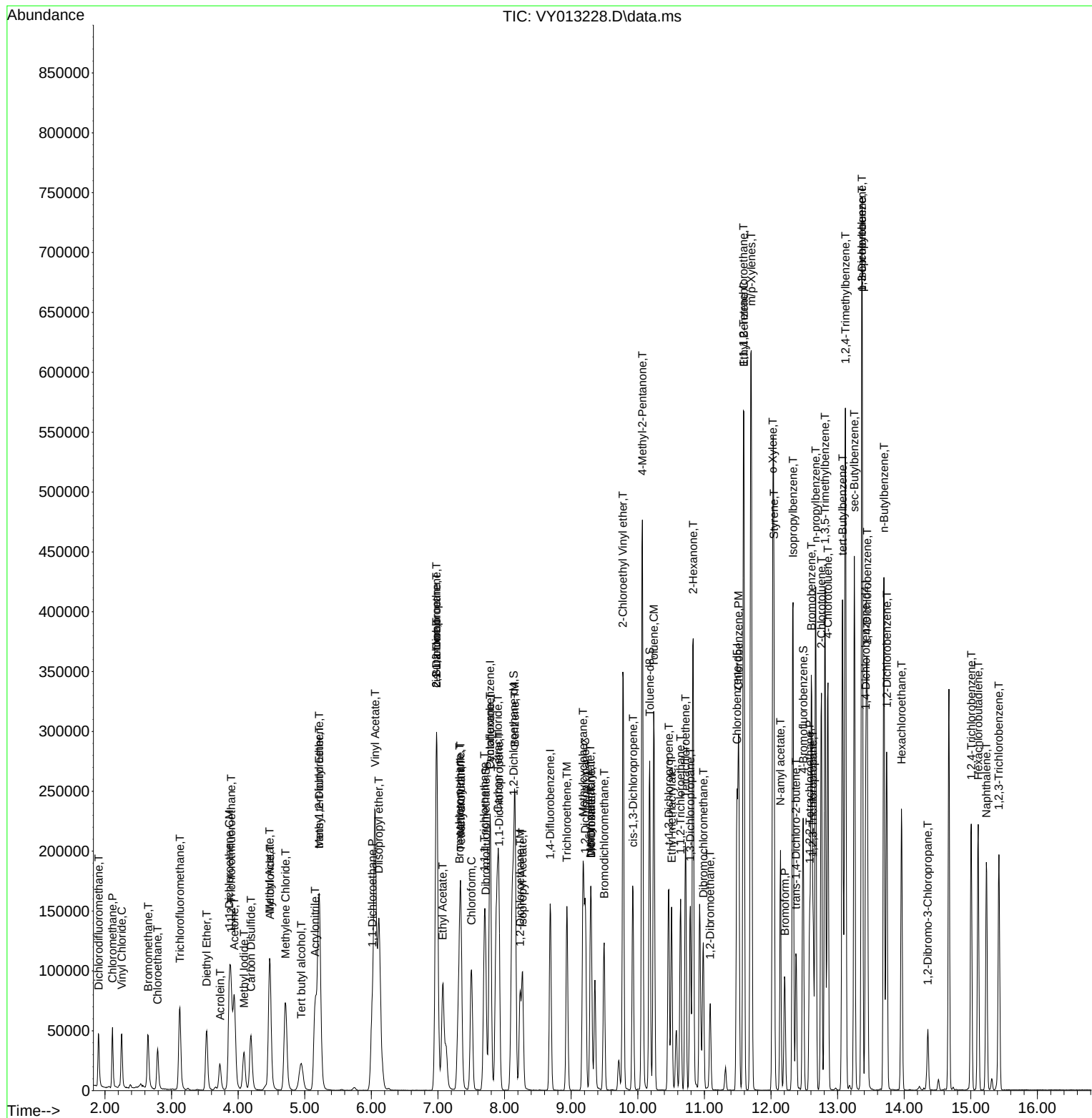
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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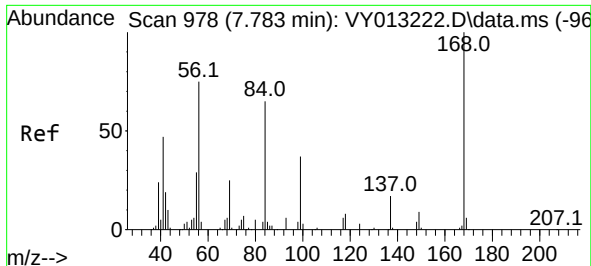
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY013228.D
 Acq On : 10 Apr 2023 15:18
 Operator : KP/MD
 Sample : VSTDC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050

Quant Time: Apr 11 16:55:48 2023
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 Quant Title : SW846 8260
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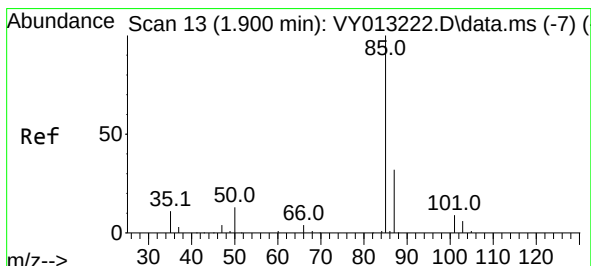
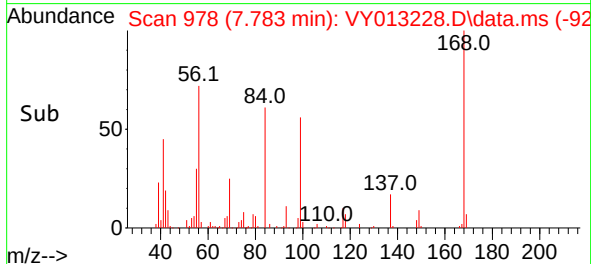
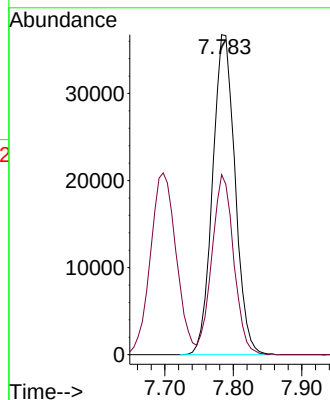
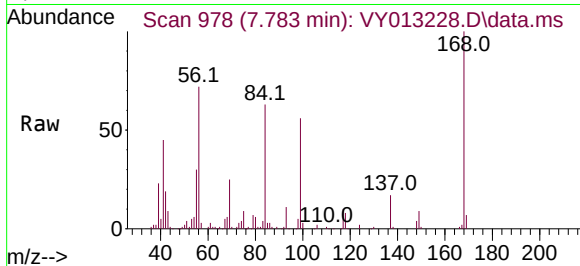




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013228.D
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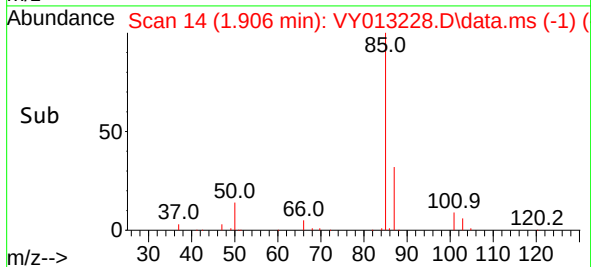
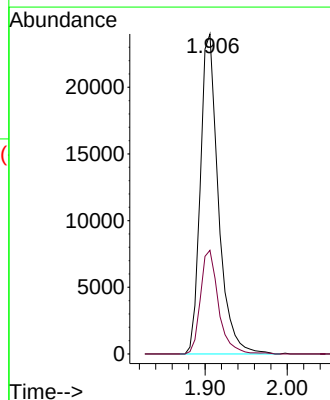
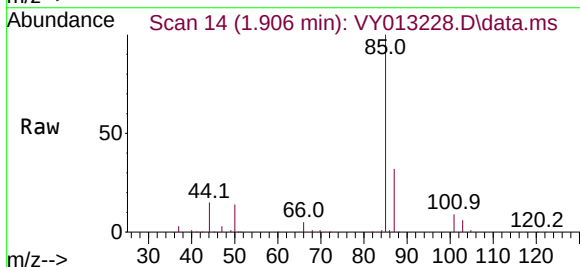
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

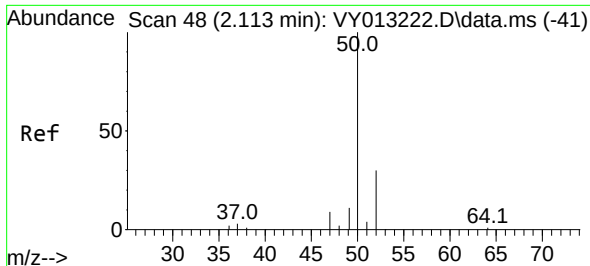
Tgt Ion:168 Resp: 83679
Ion Ratio Lower Upper
168 100
99 56.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 45.770 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 85 Resp: 36528
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.0

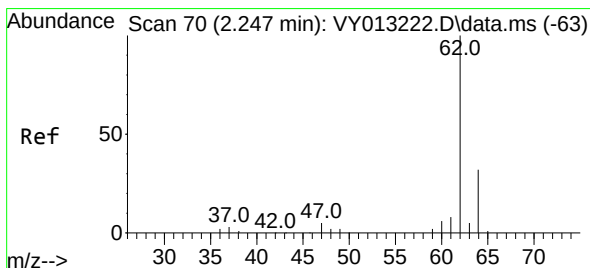
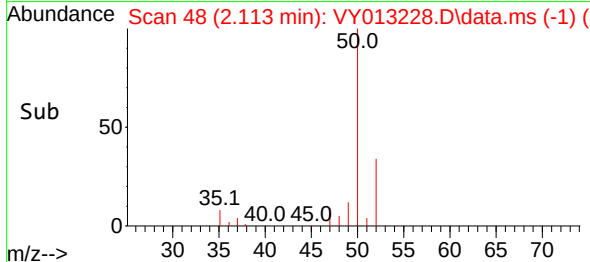
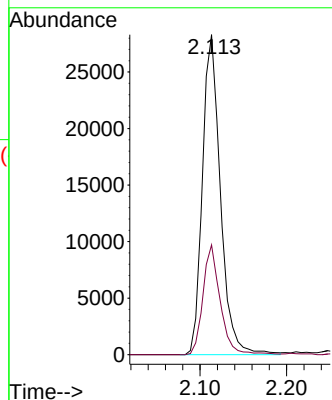
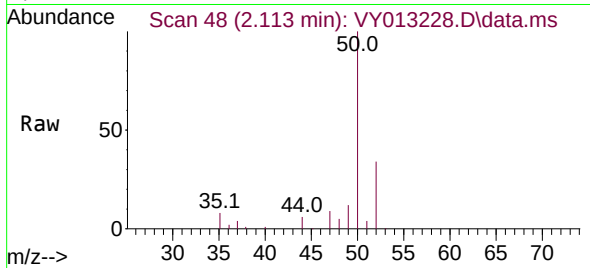




#3
Chloromethane
Concen: 38.681 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

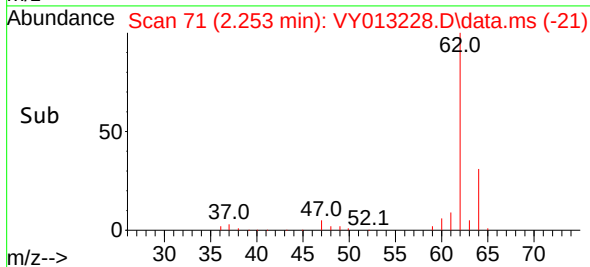
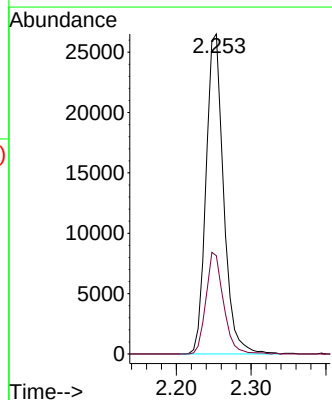
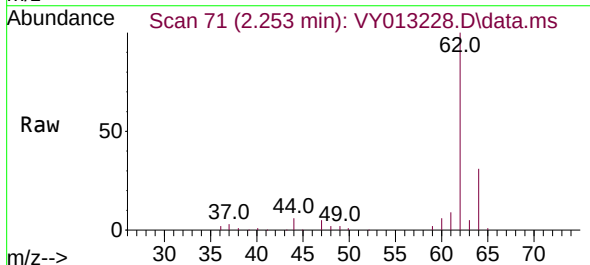
Instrument :
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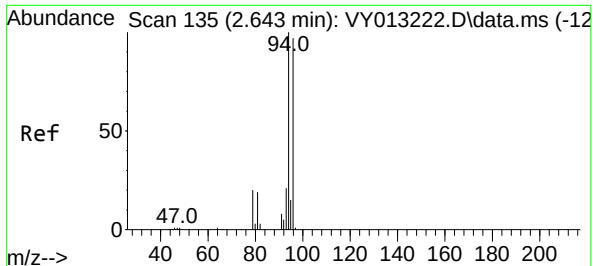
Tgt Ion: 50 Resp: 40970
Ion Ratio Lower Upper
50 100
52 34.3 26.0 39.0



#4
Vinyl Chloride
Concen: 45.717 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 62 Resp: 43250
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4

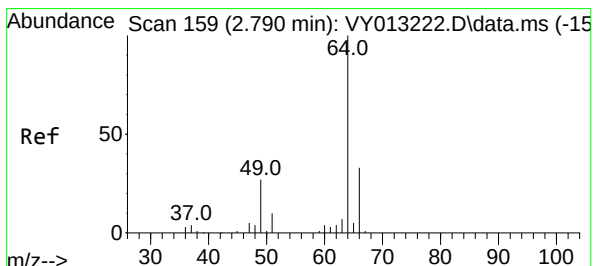
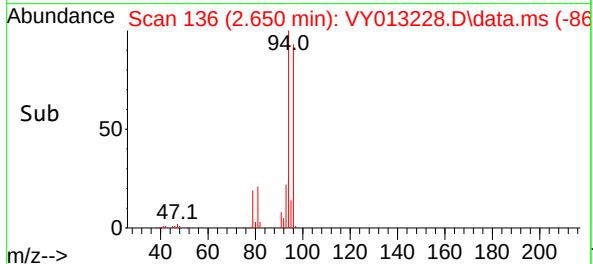
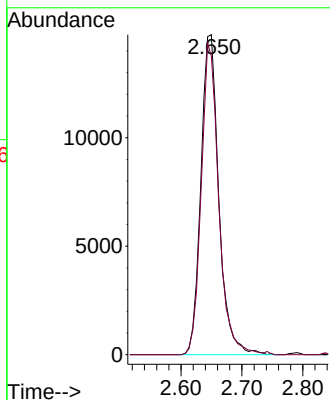
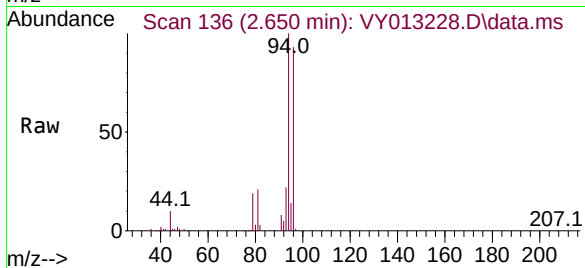




#5
Bromomethane
Concen: 52.168 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY013228.D
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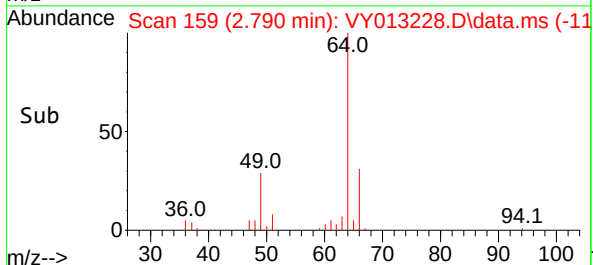
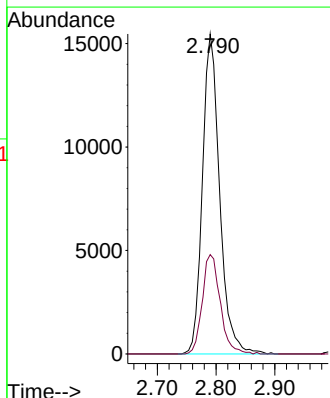
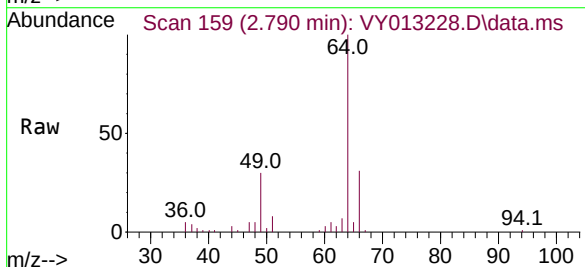
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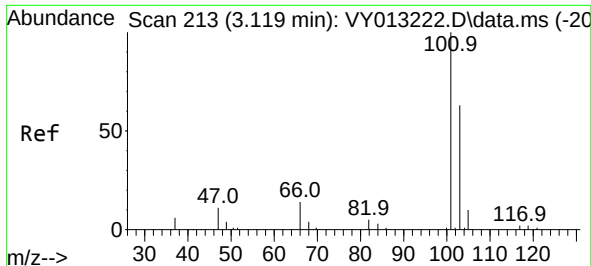
Tgt Ion: 94 Resp: 30219
Ion Ratio Lower Upper
94 100
96 93.4 80.3 120.5



#6
Chloroethane
Concen: 43.461 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 64 Resp: 31501
Ion Ratio Lower Upper
64 100
66 31.1 25.7 38.5

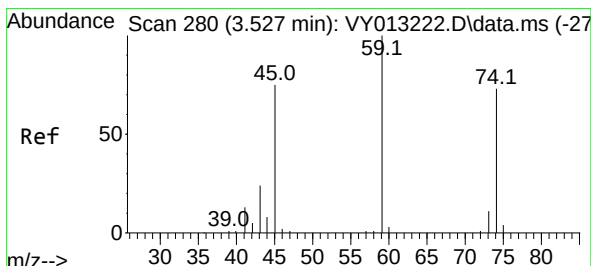
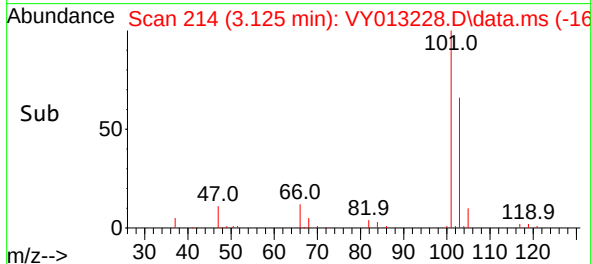
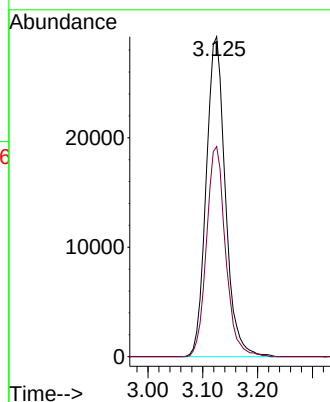
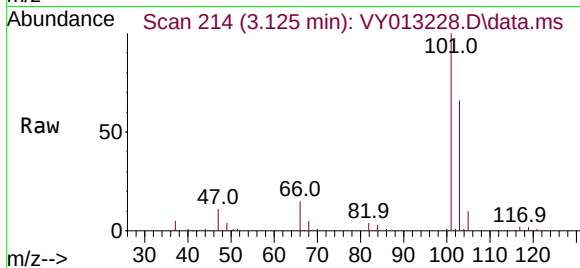




#7
 Trichlorofluoromethane
 Concen: 48.980 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY013228.D
 Acq: 10 Apr 2023 15:18

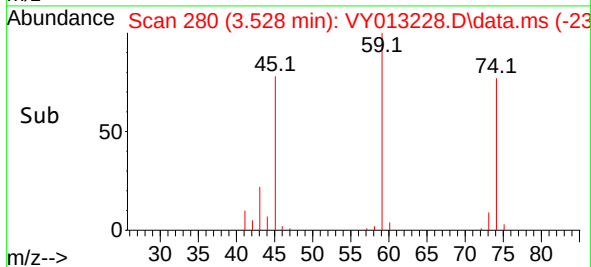
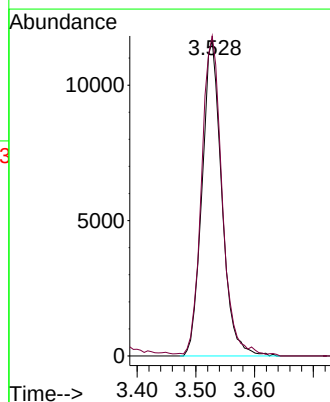
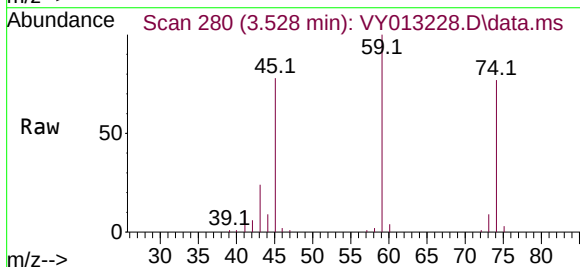
Instrument :
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 VSTDCCC050

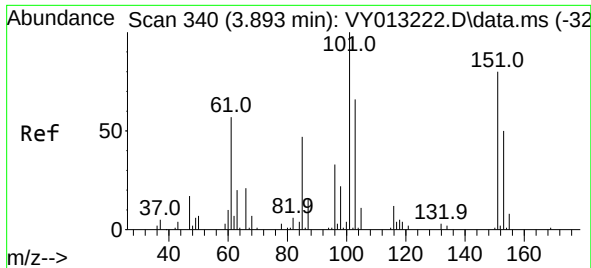
Tgt Ion:101 Resp: 70793
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 50.773 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY013228.D
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Tgt Ion: 74 Resp: 27179
 Ion Ratio Lower Upper
 74 100
 45 104.6 52.1 156.4

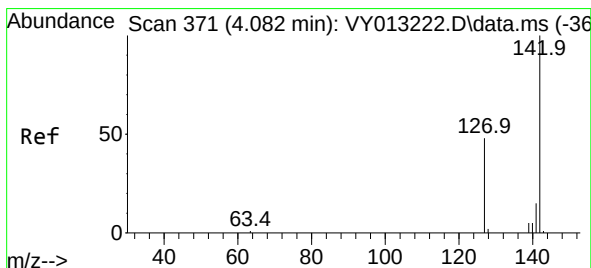
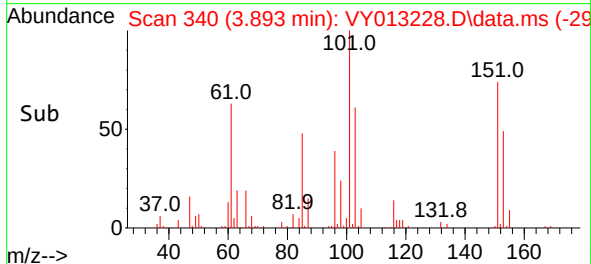
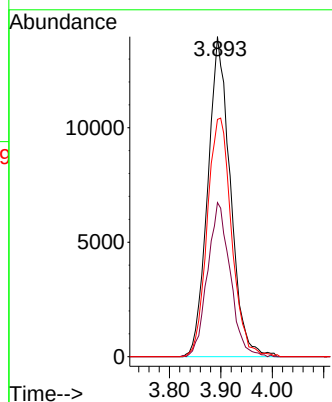
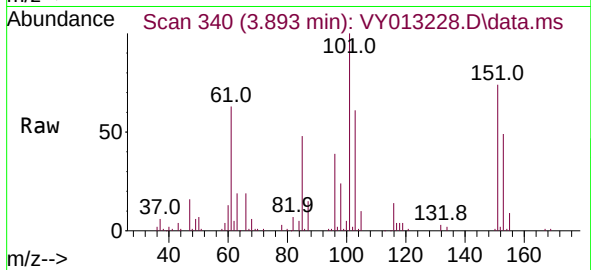




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.388 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

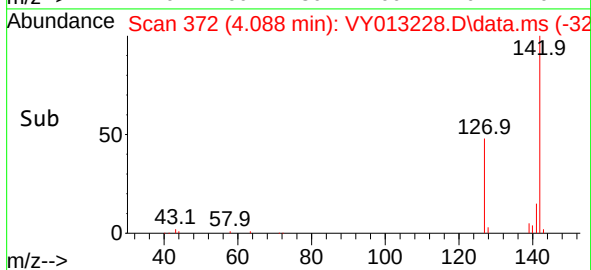
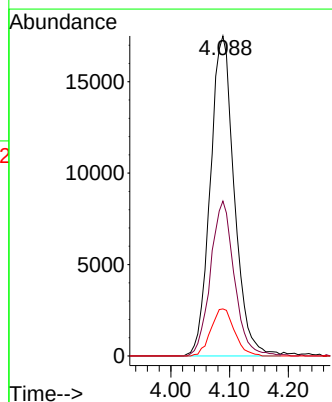
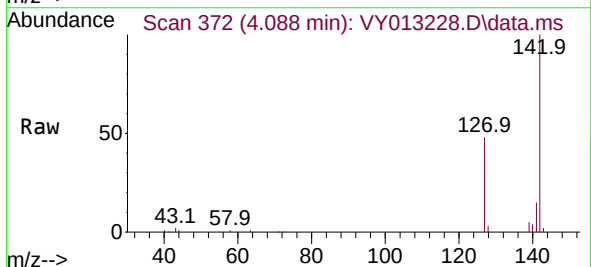
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

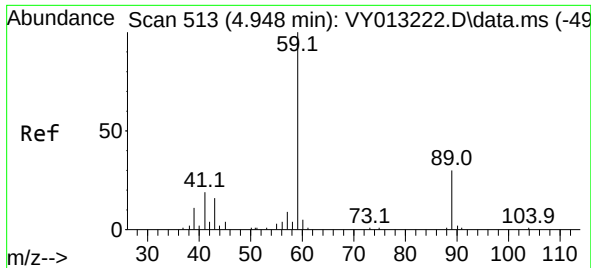
Tgt Ion:101 Resp: 42591
Ion Ratio Lower Upper
101 100
85 48.3 35.3 52.9
151 80.6 63.1 94.7



#10
Methyl Iodide
Concen: 51.036 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion:142 Resp: 49653
Ion Ratio Lower Upper
142 100
127 48.1 35.4 53.2
141 14.5 11.3 16.9

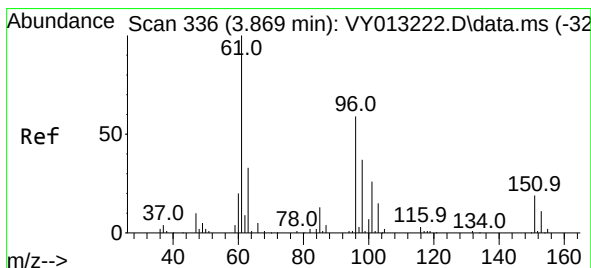
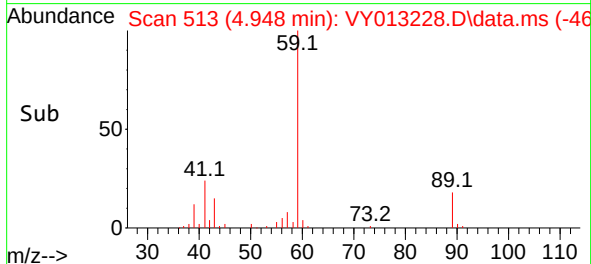
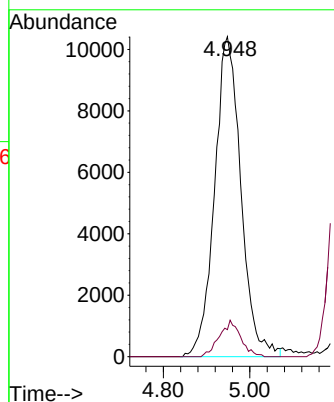
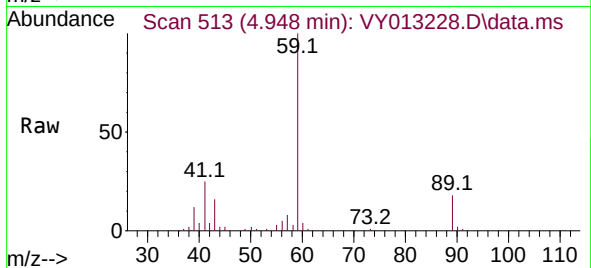




#11
Tert butyl alcohol
Concen: 232.840 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

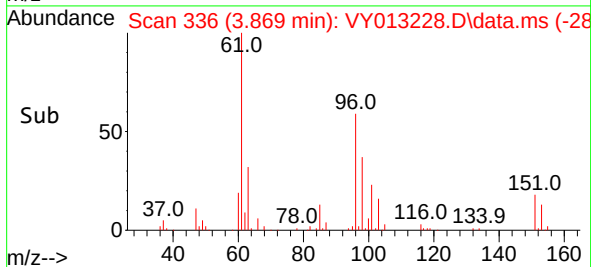
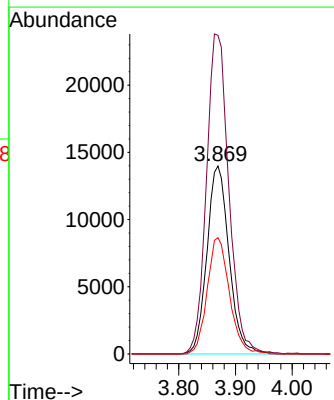
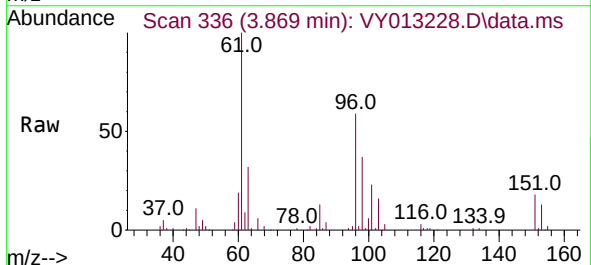
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

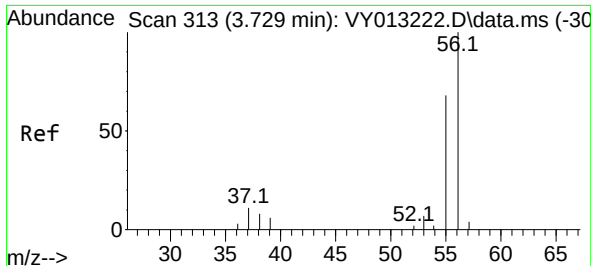
Tgt Ion: 59 Resp: 44022
Ion Ratio Lower Upper
59 100
57 9.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.291 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 96 Resp: 37906
Ion Ratio Lower Upper
96 100
61 169.5 131.7 197.5
98 61.9 52.0 78.0





#13

Acrolein

Concen: 256.422 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

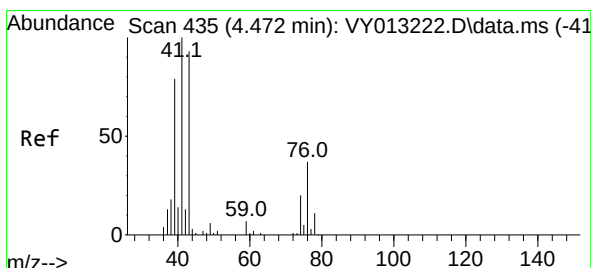
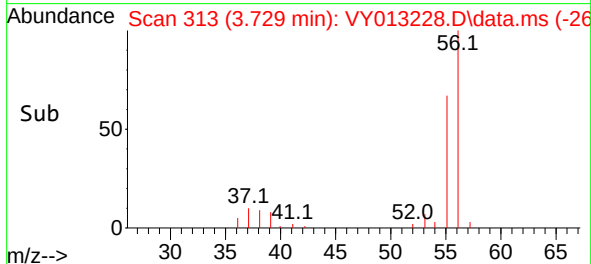
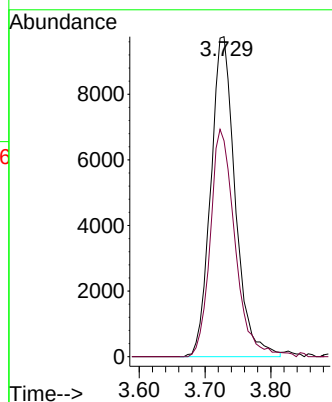
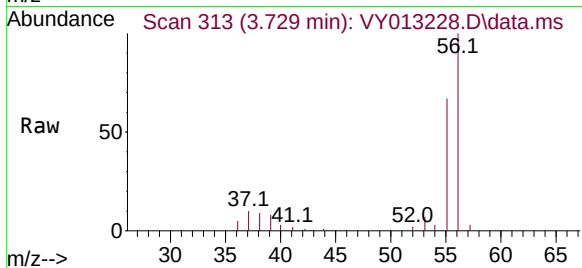
VSTDCCC050

Tgt Ion: 56 Resp: 25267

Ion Ratio Lower Upper

56 100

55 71.8 56.8 85.2



#14

Allyl chloride

Concen: 50.450 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.007 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

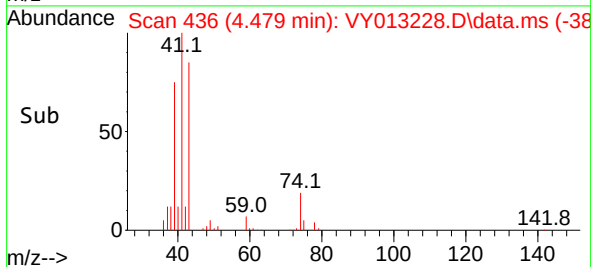
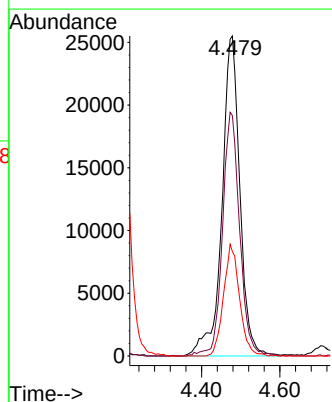
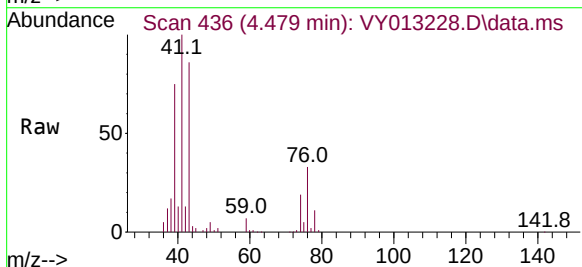
Tgt Ion: 41 Resp: 81284

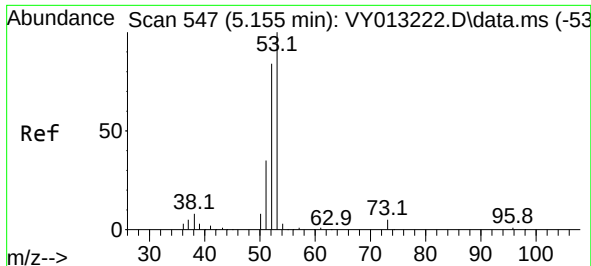
Ion Ratio Lower Upper

41 100

39 72.9 53.6 80.4

76 31.1 27.2 40.8

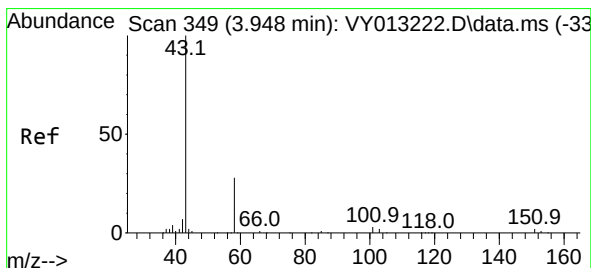
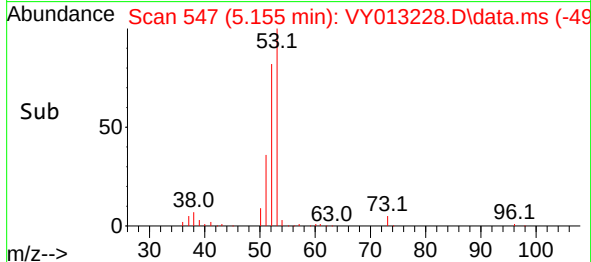
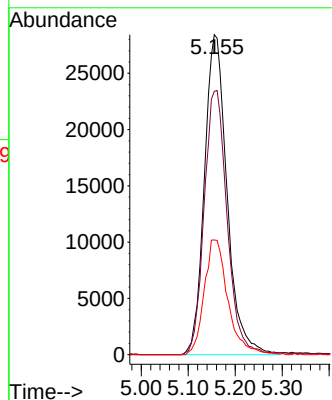
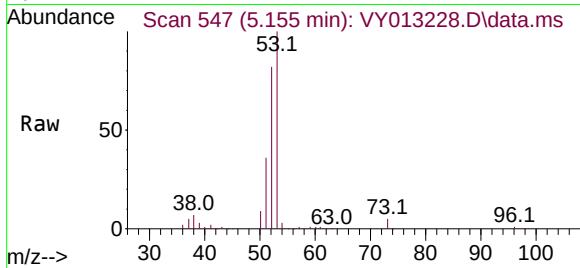




#15
Acrylonitrile
Concen: 281.029 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

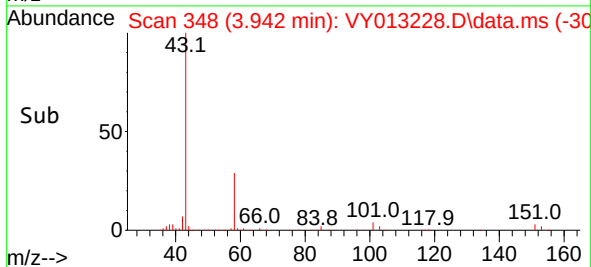
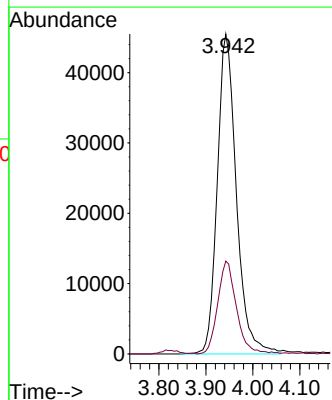
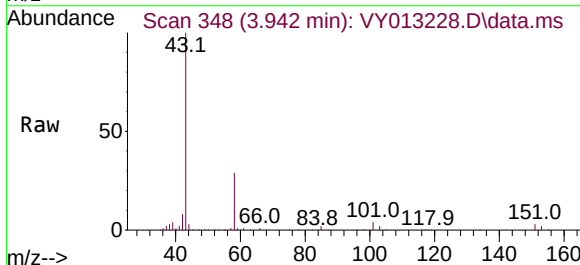
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

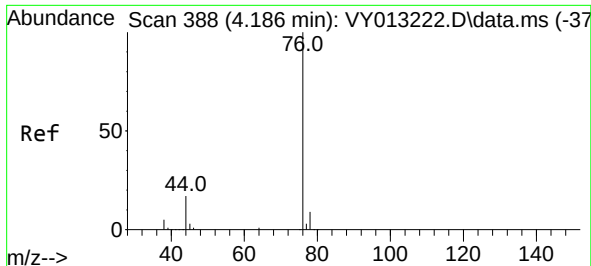
Tgt Ion:	53	Resp:	95187
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.3	99.5
51	37.5	28.8	43.2



#16
Acetone
Concen: 328.838 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion:	43	Resp:	128541
Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.2	36.2

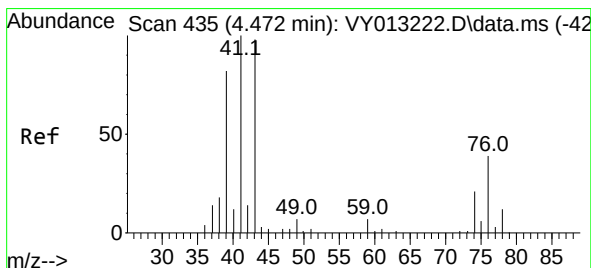
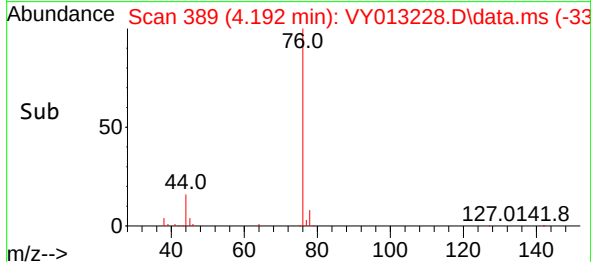
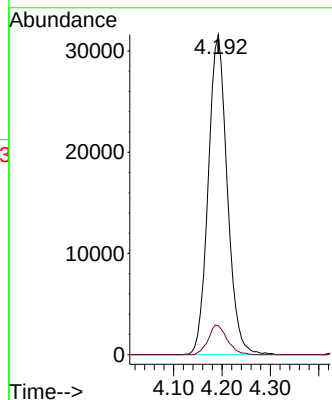
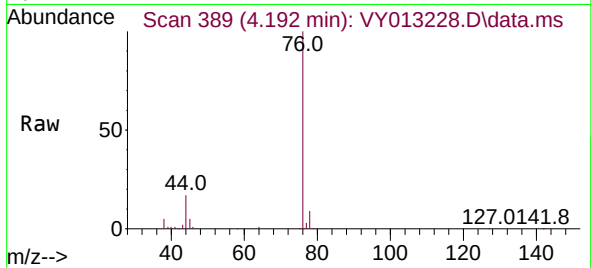




#17
Carbon Disulfide
Concen: 37.732 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

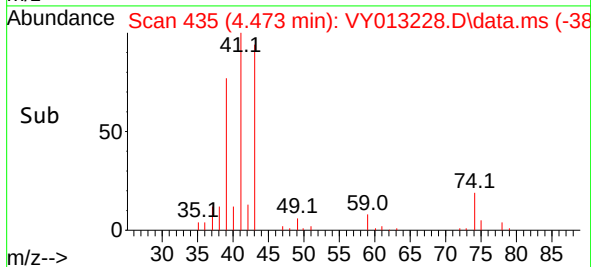
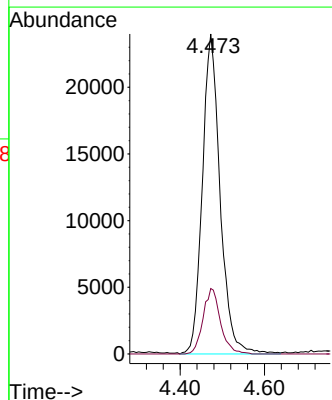
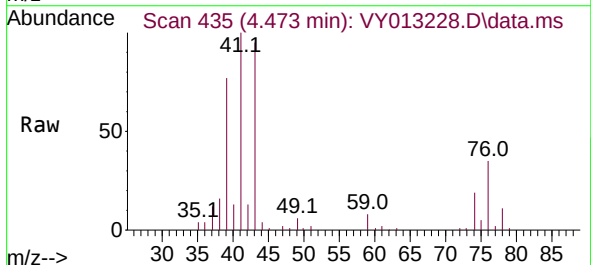
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

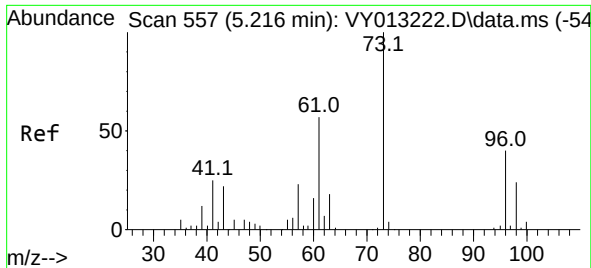
Tgt Ion: 76 Resp: 86383
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 53.785 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 43 Resp: 70538
Ion Ratio Lower Upper
43 100
74 20.0 17.4 26.0

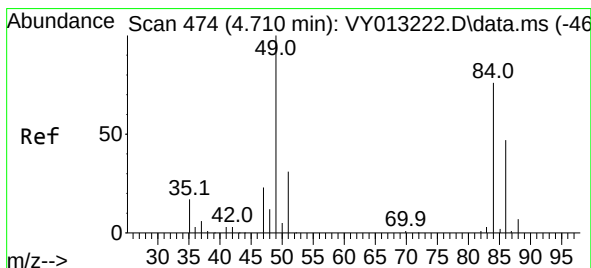
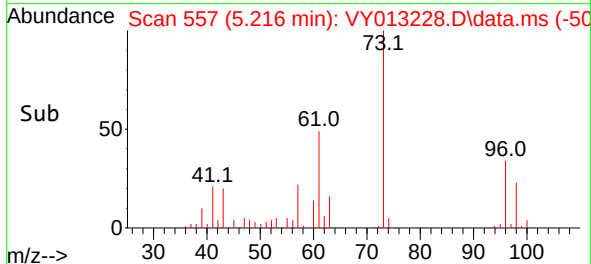
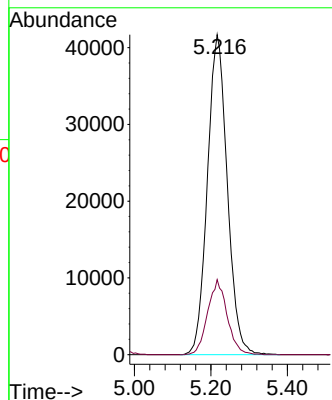
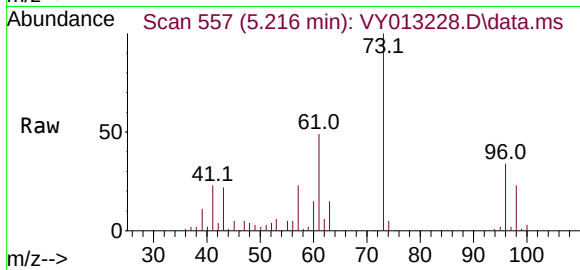




#19
Methyl tert-butyl Ether
Concen: 56.583 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

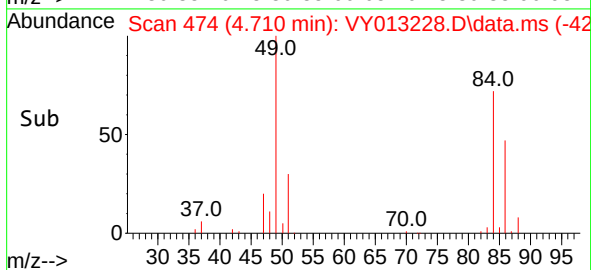
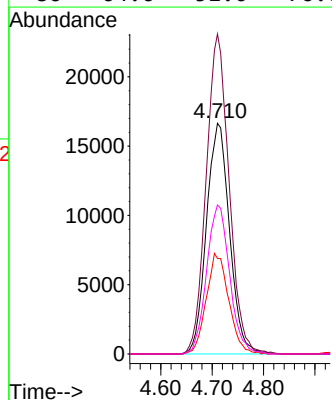
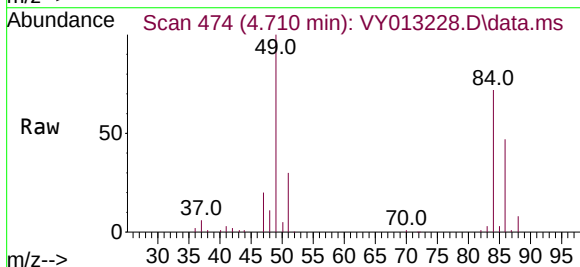
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

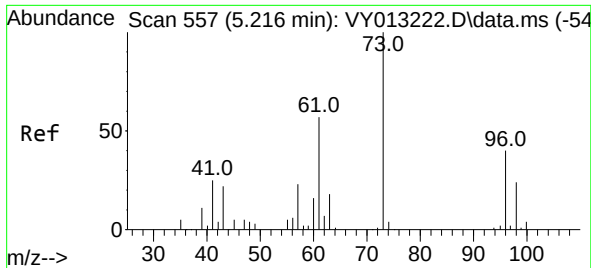
Tgt Ion: 73 Resp: 150392
Ion Ratio Lower Upper
73 100
57 23.5 18.3 27.5



#20
Methylene Chloride
Concen: 51.971 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 84 Resp: 51999
Ion Ratio Lower Upper
84 100
49 138.7 102.6 154.0
51 41.4 31.9 47.9
86 64.6 51.0 76.6

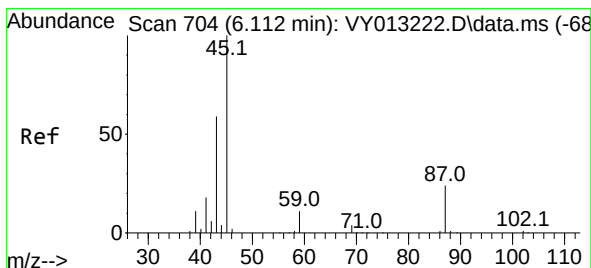
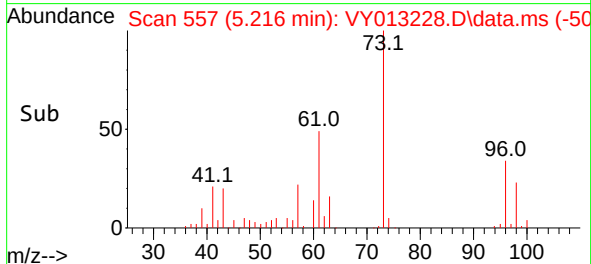
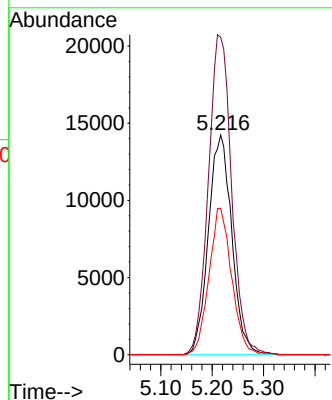
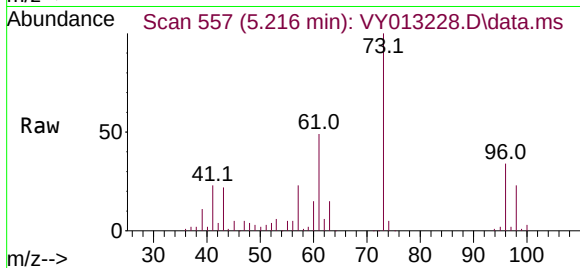




#21
trans-1,2-Dichloroethene
Concen: 48.735 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

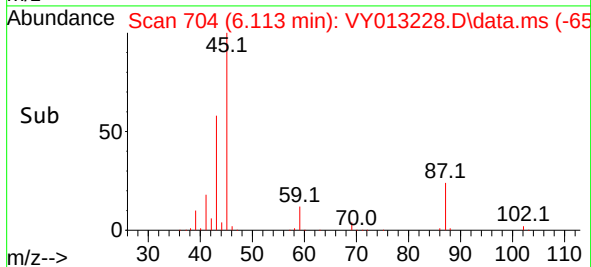
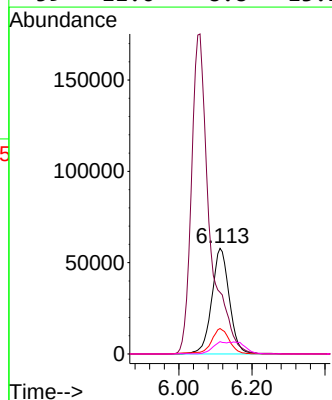
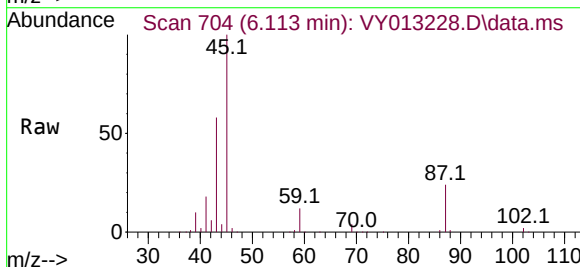
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

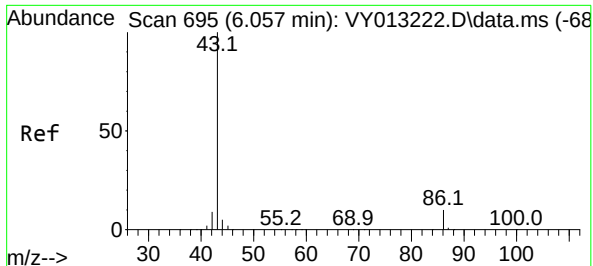
Tgt Ion: 96 Resp: 45106
Ion Ratio Lower Upper
96 100
61 144.6 111.4 167.0
98 66.7 50.8 76.2



#22
Diisopropyl ether
Concen: 57.354 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 45 Resp: 192073
Ion Ratio Lower Upper
45 100
43 58.0 45.0 67.6
87 24.1 20.3 30.5
59 11.6 8.8 13.2

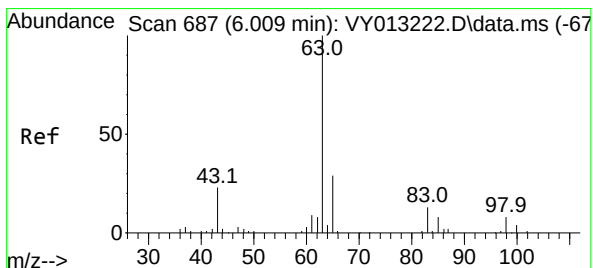
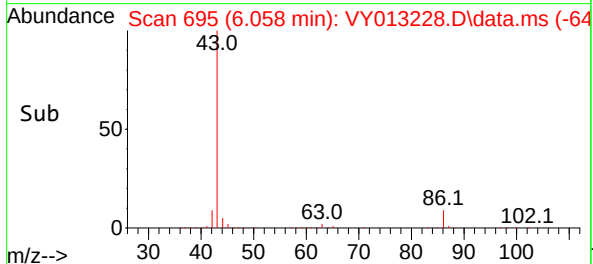
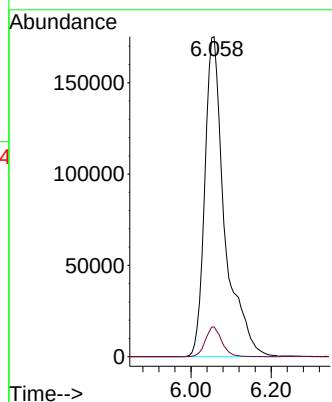
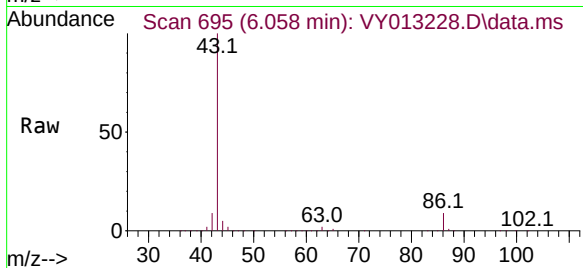




#23
 Vinyl Acetate
 Concen: 286.571 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY013228.D
 Acq: 10 Apr 2023 15:18

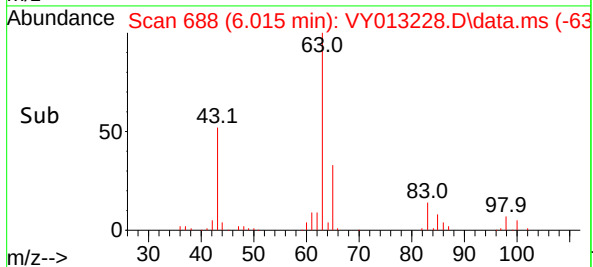
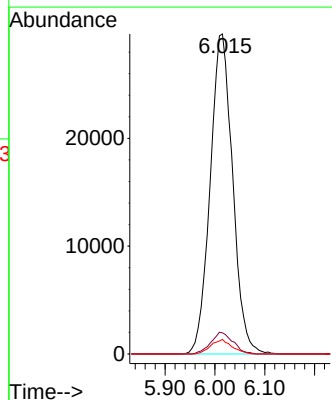
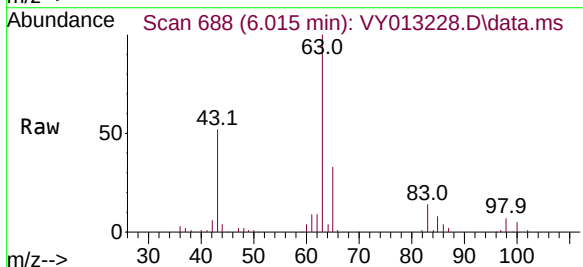
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

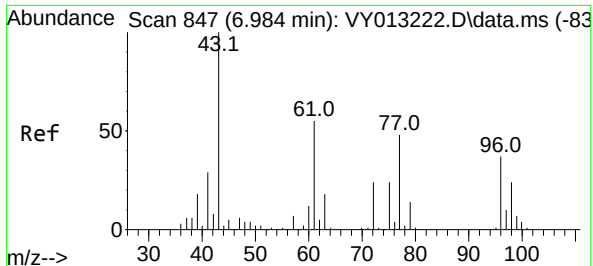
Tgt Ion: 43 Resp: 603484
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.059 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY013228.D
 Acq: 10 Apr 2023 15:18

Tgt Ion: 63 Resp: 92931
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 306.492 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

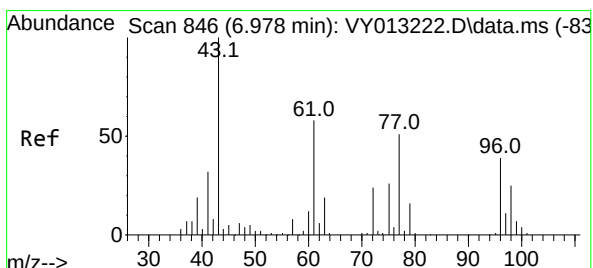
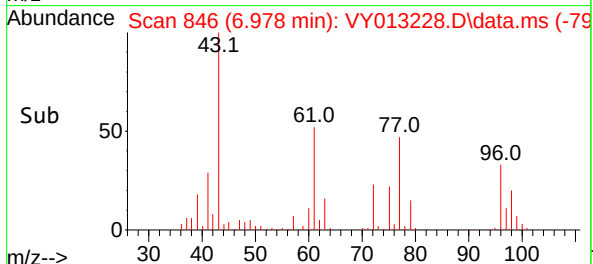
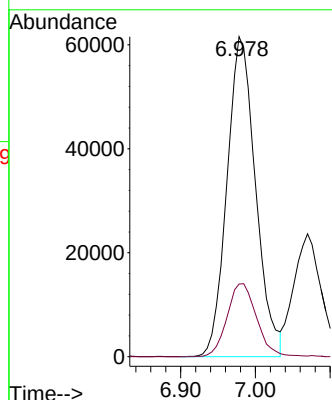
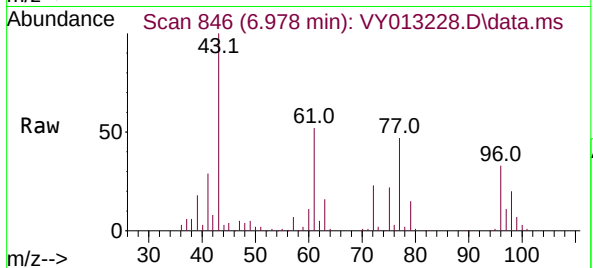
VSTDCCC050

Tgt Ion: 43 Resp: 164218

Ion Ratio Lower Upper

43 100

72 22.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 52.976 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013228.D

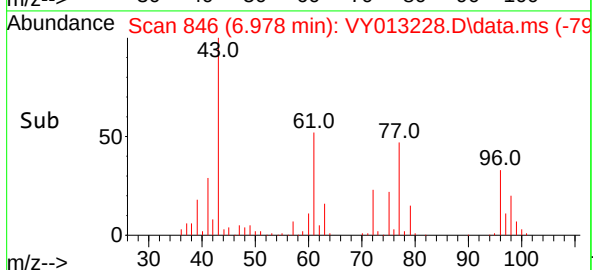
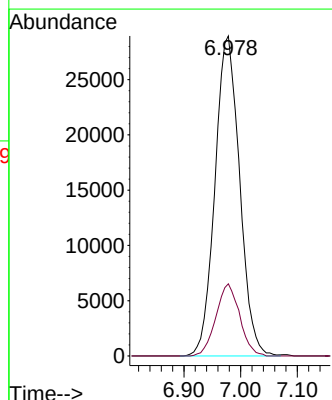
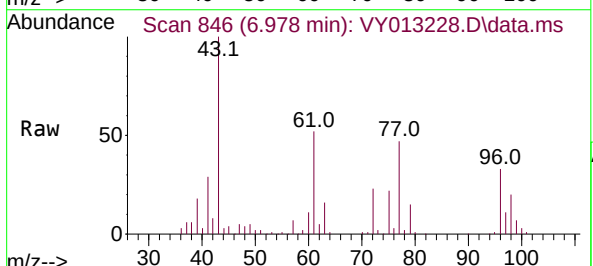
Acq: 10 Apr 2023 15:18

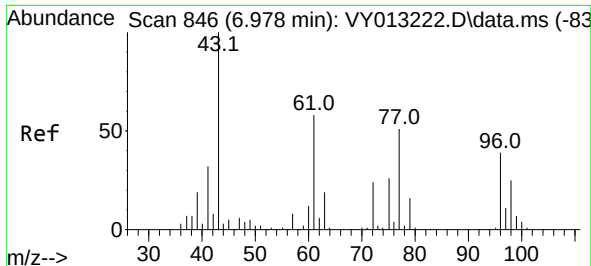
Tgt Ion: 77 Resp: 87404

Ion Ratio Lower Upper

77 100

97 21.7 11.7 35.0

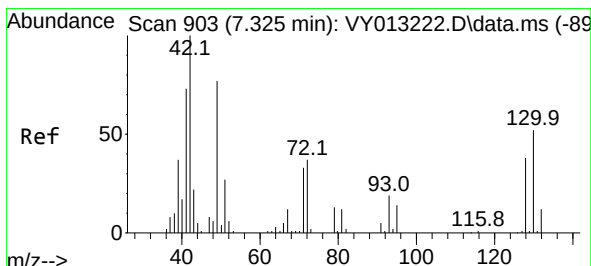
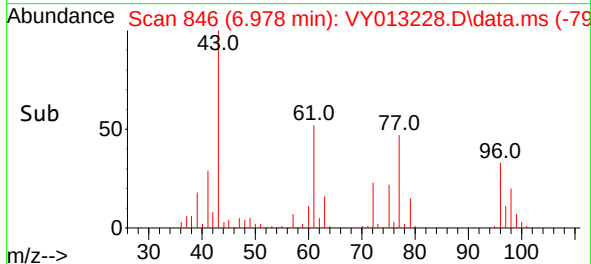
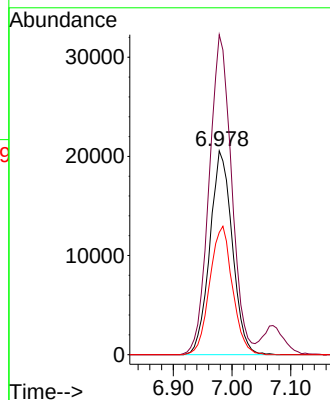
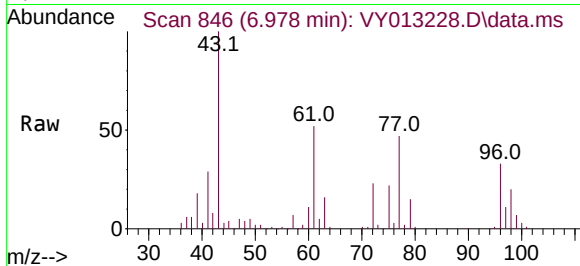




#27
 cis-1,2-Dichloroethene
 Concen: 51.838 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY013228.D
 Acq: 10 Apr 2023 15:18

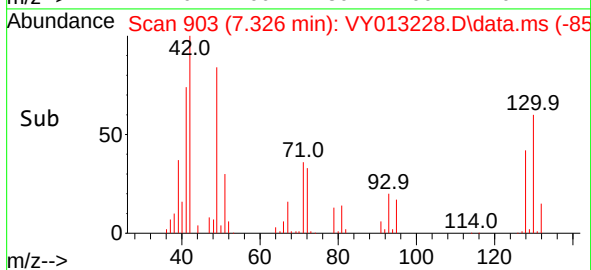
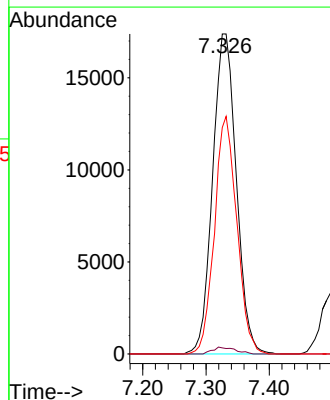
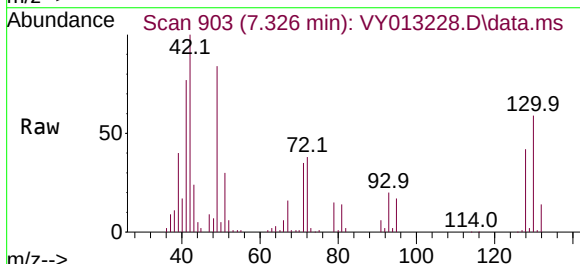
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

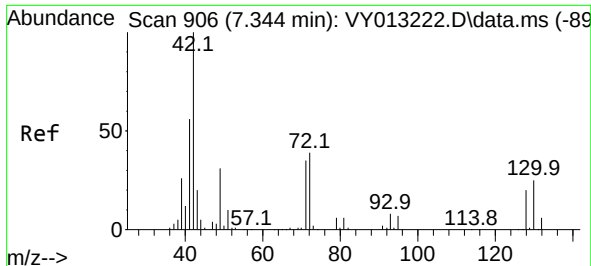
Tgt Ion: 96 Resp: 54602
 Ion Ratio Lower Upper
 96 100
 61 157.3 0.0 295.8
 98 63.8 0.0 130.2



#28
 Bromochloromethane
 Concen: 54.817 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.001 min
 Lab File: VY013228.D
 Acq: 10 Apr 2023 15:18

Tgt Ion: 49 Resp: 45196
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 70.0 60.5 90.7





#29

Tetrahydrofuran

Concen: 290.757 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

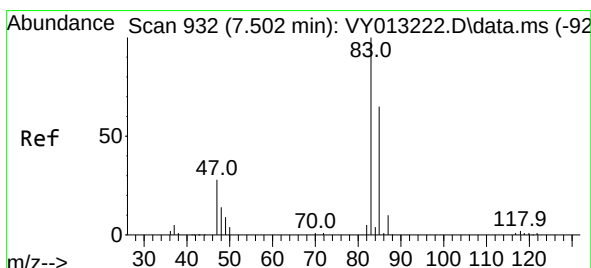
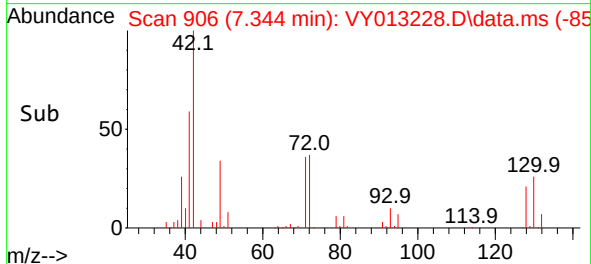
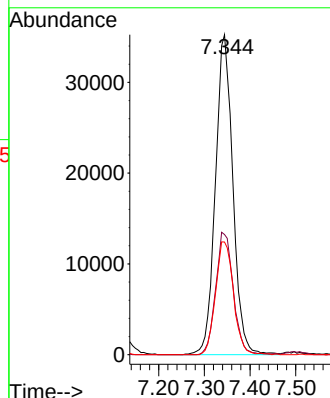
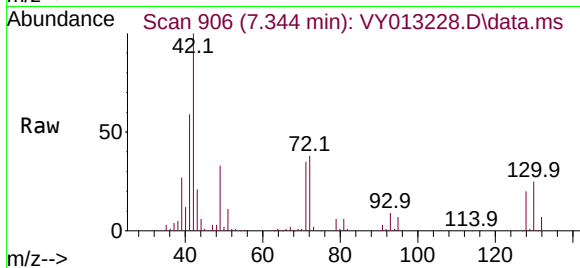
Tgt Ion: 42 Resp: 93708

Ion Ratio Lower Upper

42 100

72 38.5 32.3 48.5

71 36.1 30.3 45.5



#30

Chloroform

Concen: 53.473 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY013228.D

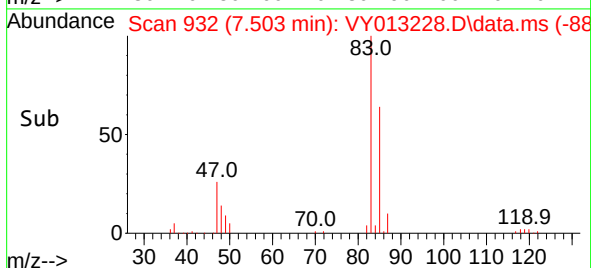
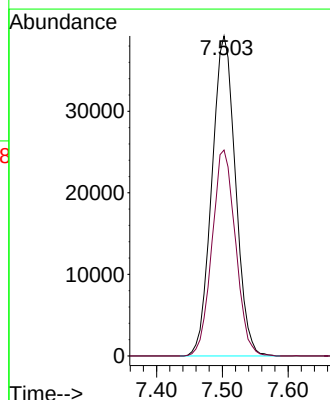
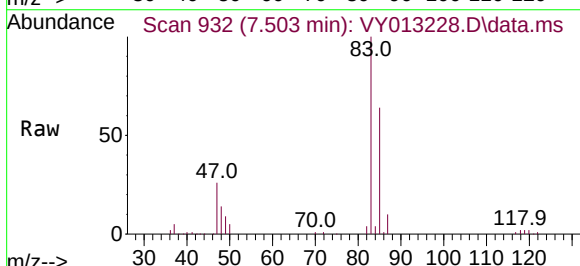
Acq: 10 Apr 2023 15:18

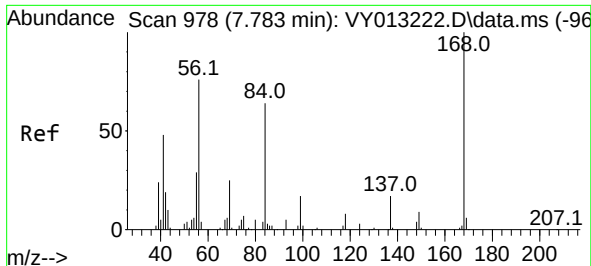
Tgt Ion: 83 Resp: 97929

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

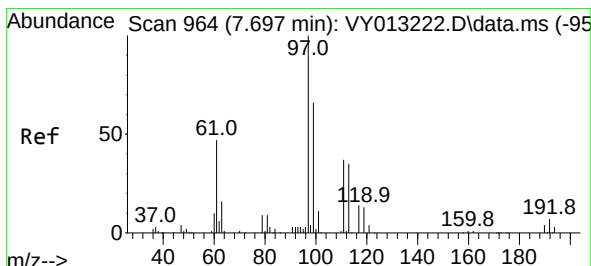
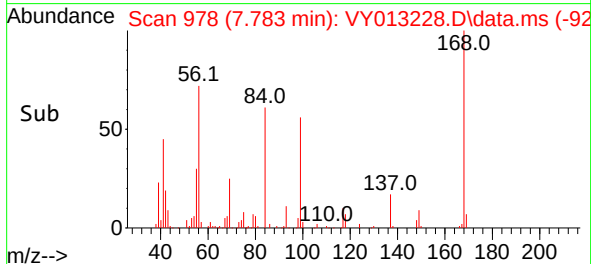
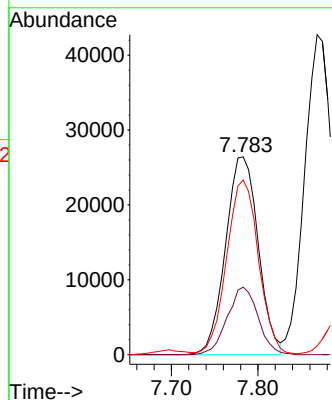
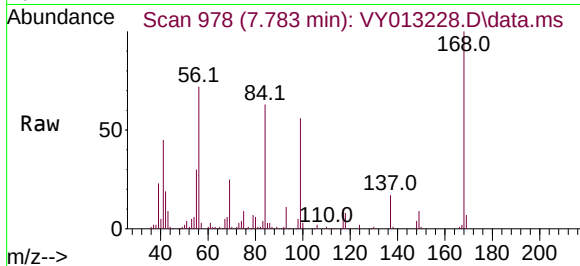




#31
Cyclohexane
Concen: 45.848 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

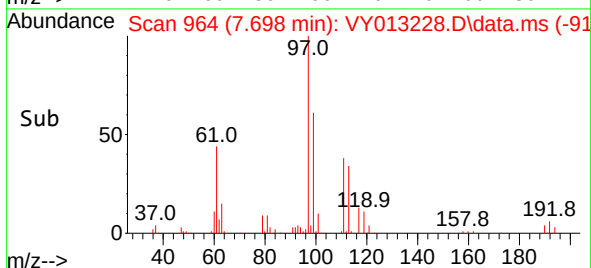
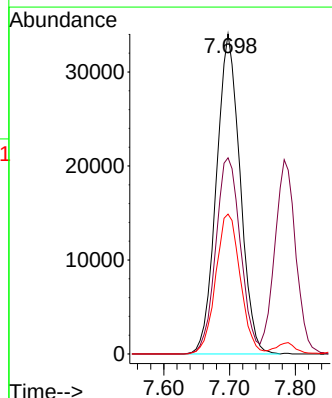
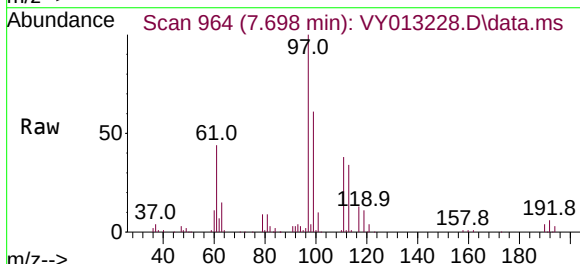
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

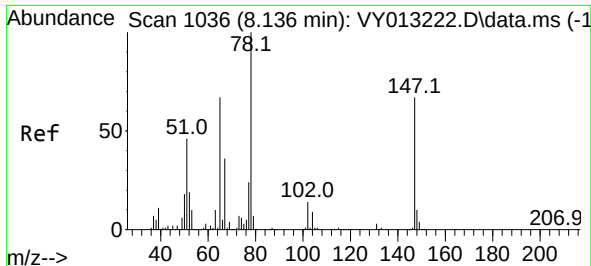
Tgt Ion: 56 Resp: 69381
Ion Ratio Lower Upper
56 100
69 34.2 25.7 38.5
84 86.7 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 52.369 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 97 Resp: 85255
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 45.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 51.267 ug/l

RT: 8.137 min Scan# 11036

Delta R.T. 0.001 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

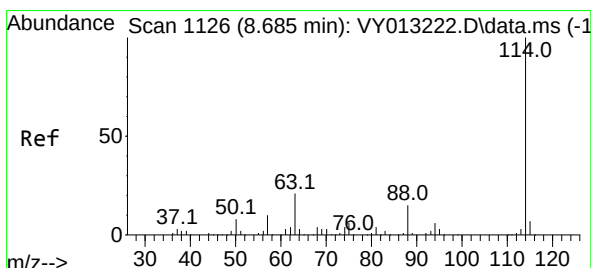
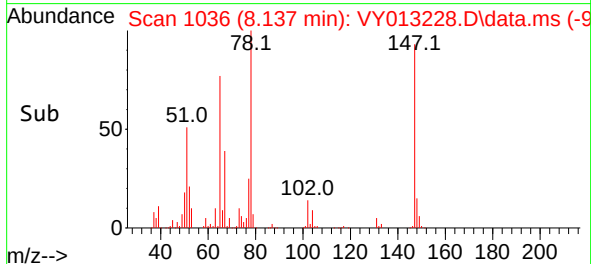
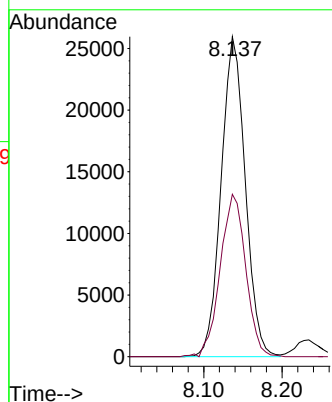
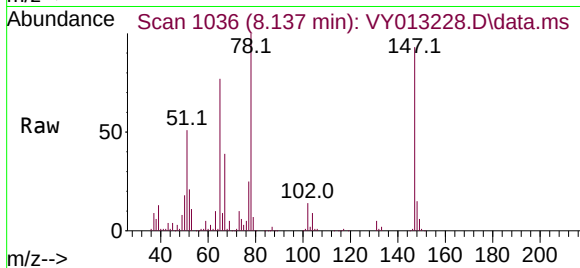
VSTDCCC050

Tgt Ion: 65 Resp: 55605

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

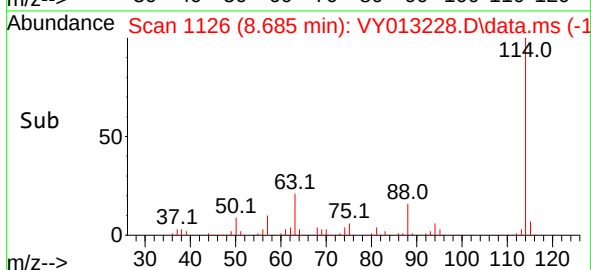
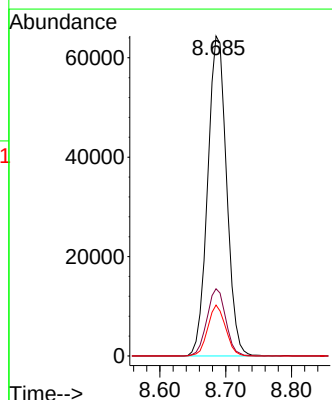
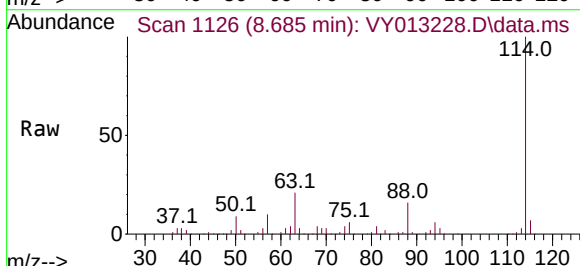
Tgt Ion: 114 Resp: 128550

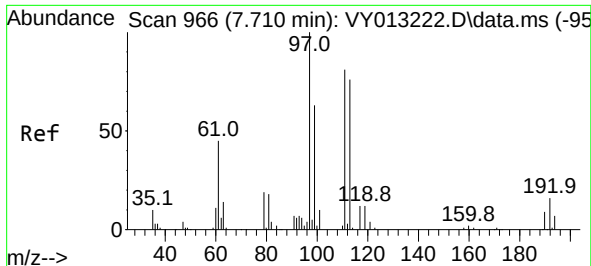
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 15.9 0.0 28.6

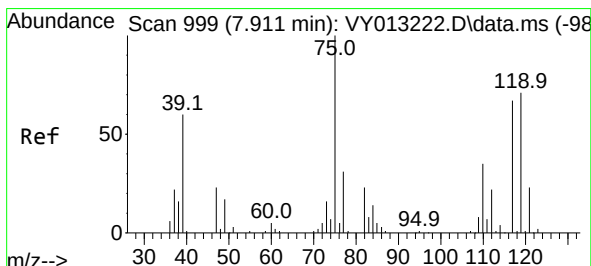
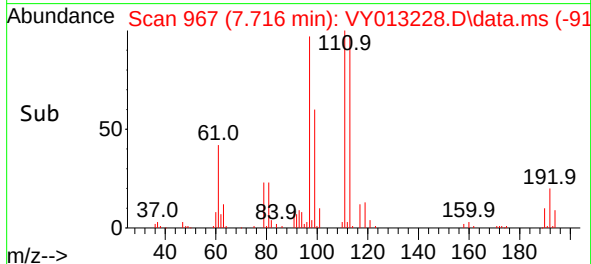
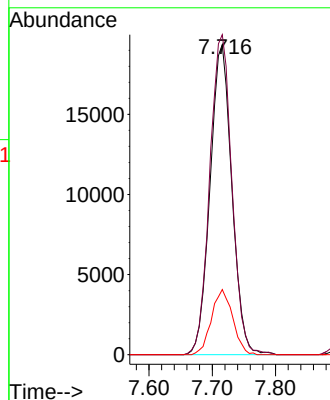
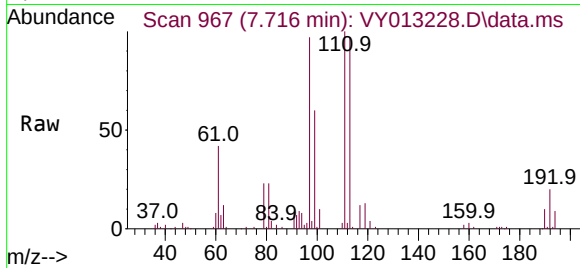




#35
Dibromofluoromethane
Concen: 51.411 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

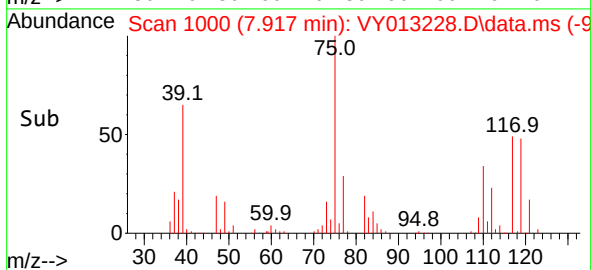
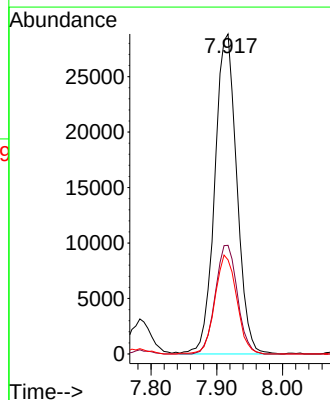
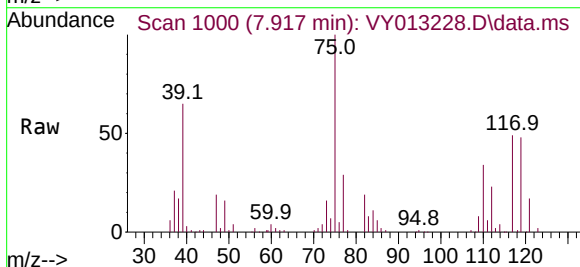
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

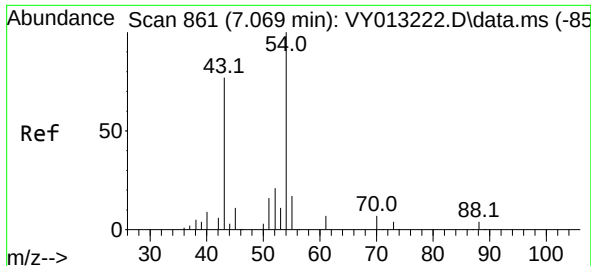
Tgt Ion:113 Resp: 46318
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 20.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.875 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 75 Resp: 67249
Ion Ratio Lower Upper
75 100
110 33.9 17.8 53.3
77 30.6 25.0 37.4

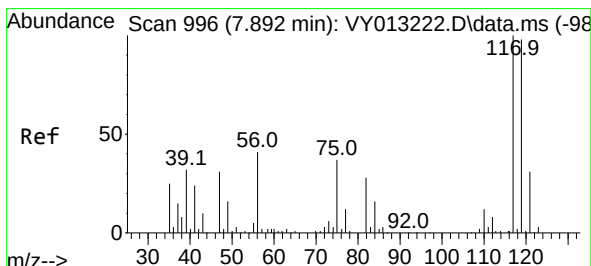
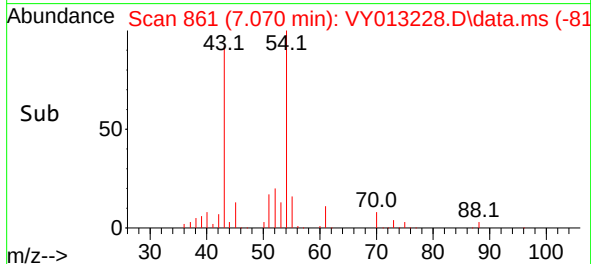
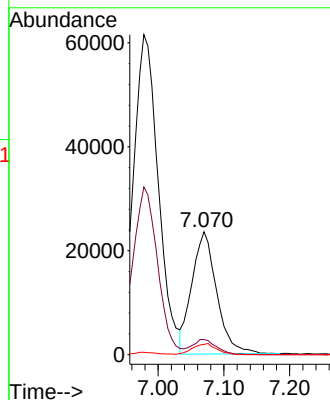
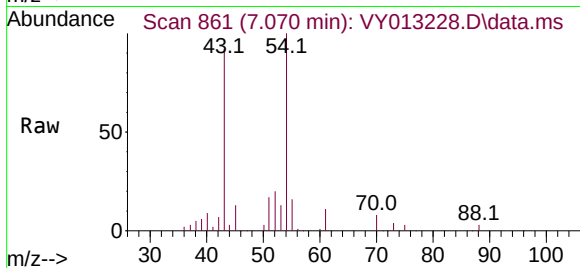




#37
Ethyl Acetate
Concen: 55.745 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

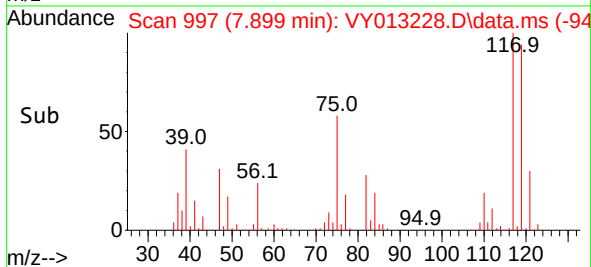
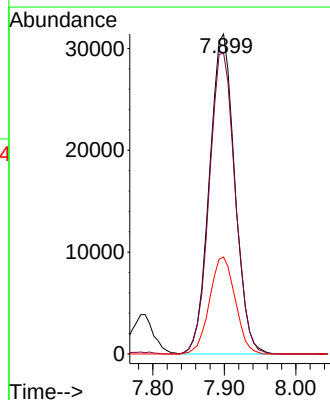
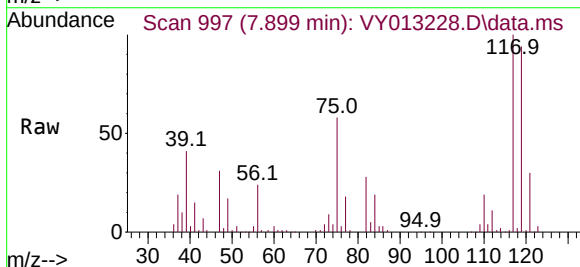
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

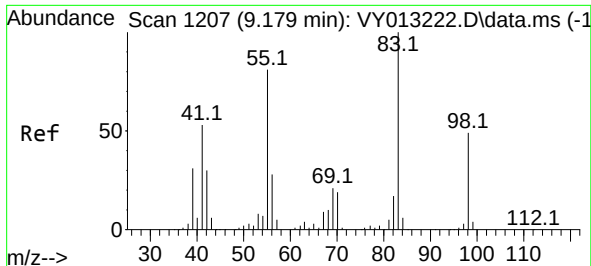
Tgt Ion: 43 Resp: 61839
Ion Ratio Lower Upper
43 100
61 12.2 10.7 16.1
70 8.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.131 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 117 Resp: 77446
Ion Ratio Lower Upper
117 100
119 94.1 77.2 115.8
121 30.3 24.7 37.1

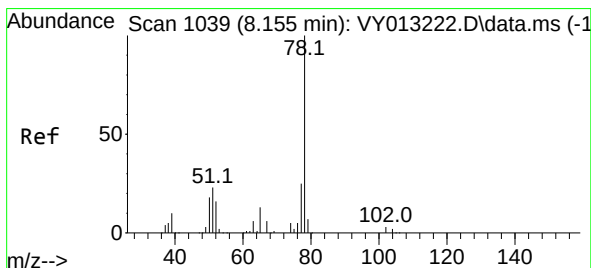
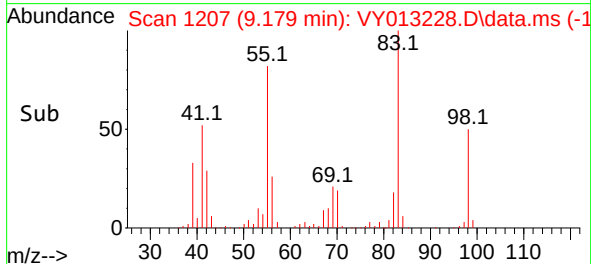
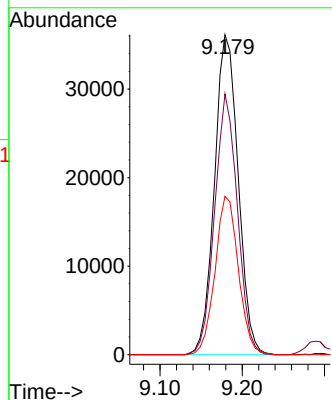
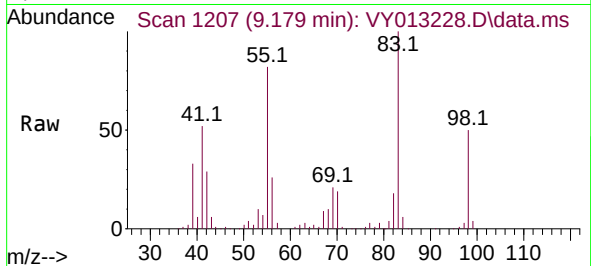




#39
Methylcyclohexane
Concen: 49.309 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

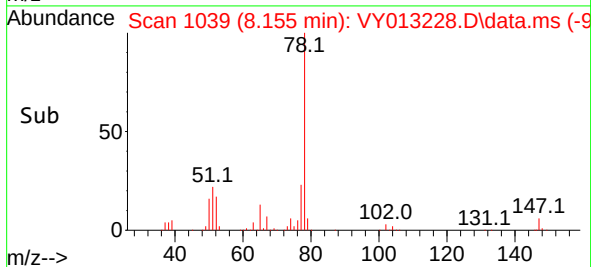
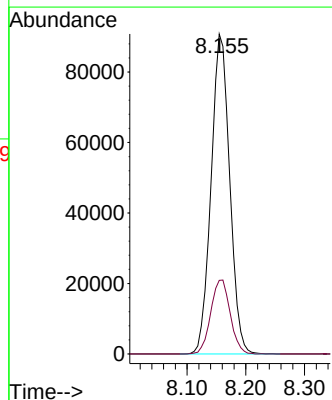
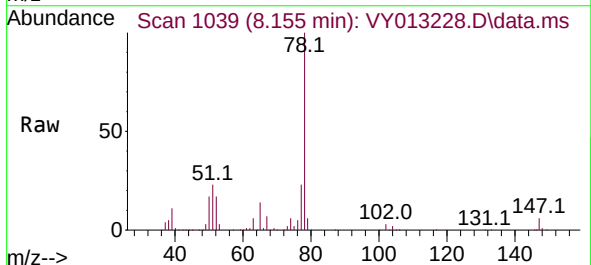
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

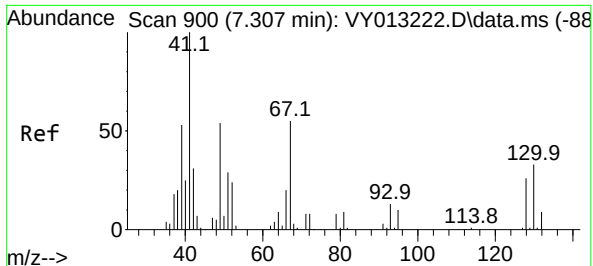
Tgt Ion: 83 Resp: 72500
Ion Ratio Lower Upper
83 100
55 81.5 60.0 90.0
98 49.5 38.3 57.5



#40
Benzene
Concen: 51.047 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 78 Resp: 199435
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0

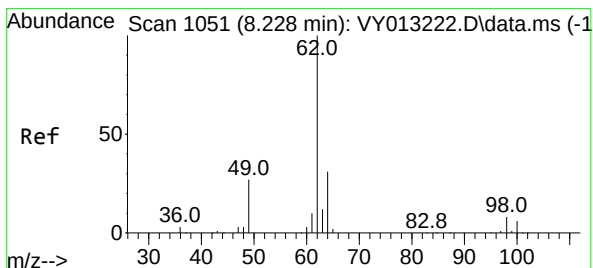
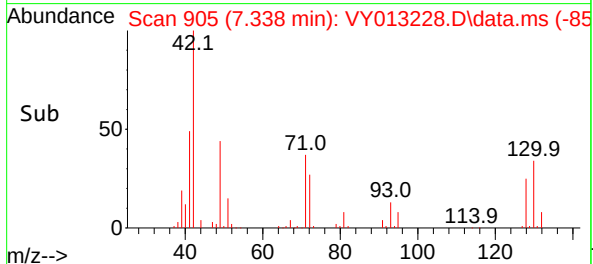
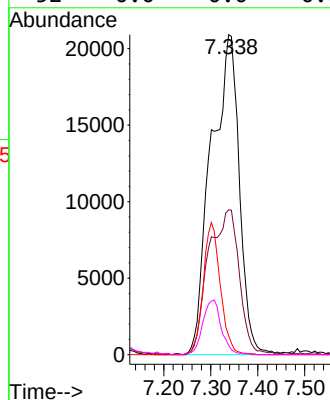
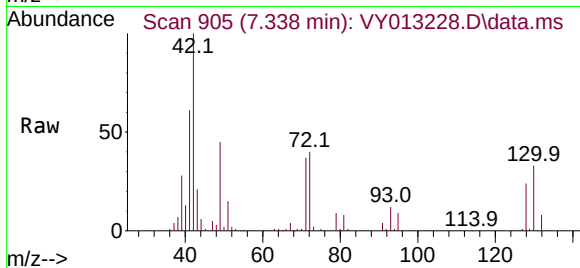




#41
Methacrylonitrile
Concen: 207.225 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

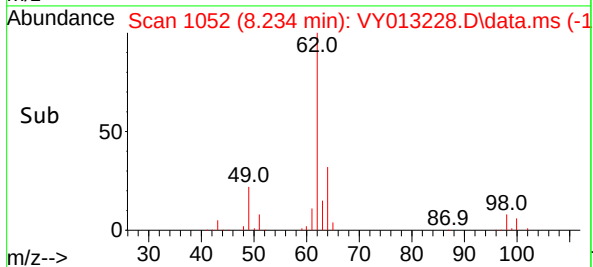
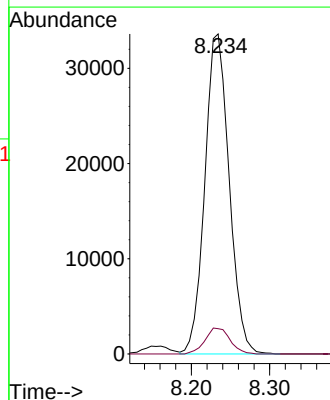
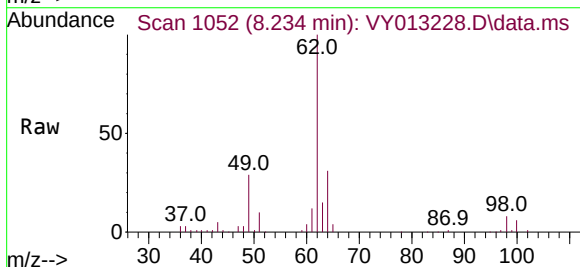
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

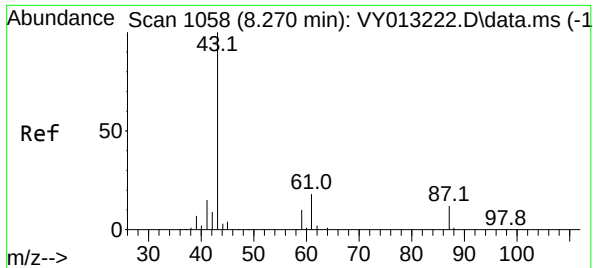
Tgt Ion:	41	Resp:	86840
Ion	Ratio	Lower	Upper
41	100		
39	49.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 53.405 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion:	62	Resp:	72545
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.8

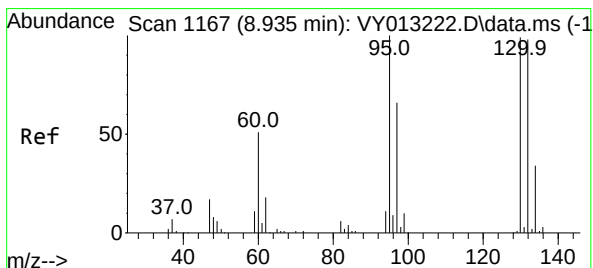
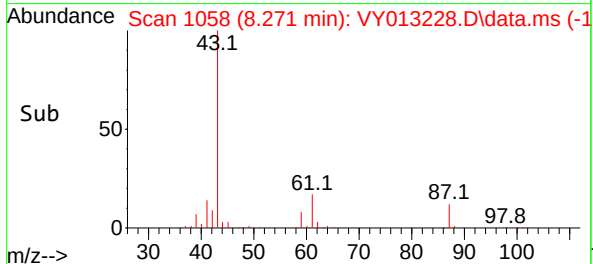
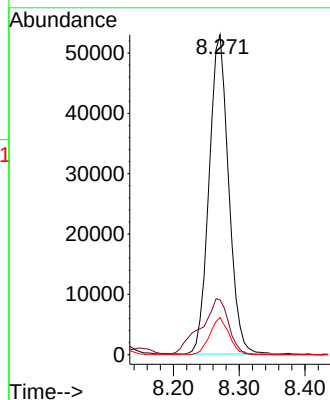
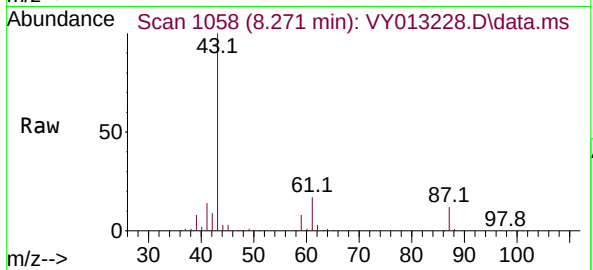




#43
Isopropyl Acetate
Concen: 56.309 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

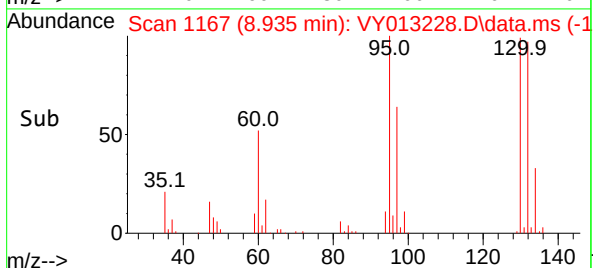
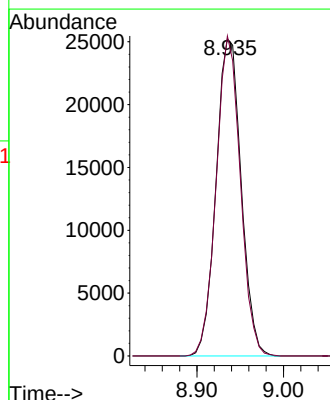
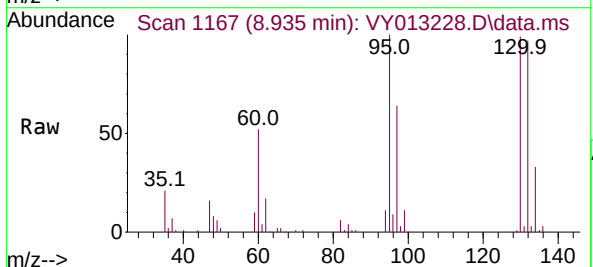
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

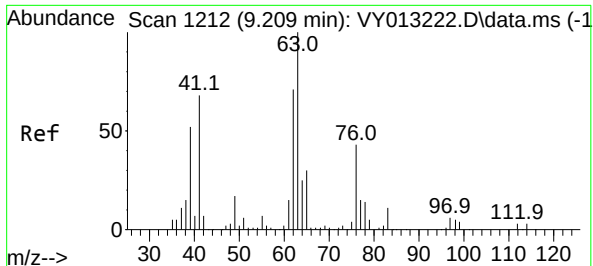
Tgt Ion: 43 Resp: 109679
Ion Ratio Lower Upper
43 100
61 24.8 21.6 32.4
87 11.5 9.9 14.9



#44
Trichloroethene
Concen: 50.543 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion:130 Resp: 50769
Ion Ratio Lower Upper
130 100
95 100.9 0.0 185.0





#45

1,2-Dichloropropane

Concen: 52.756 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

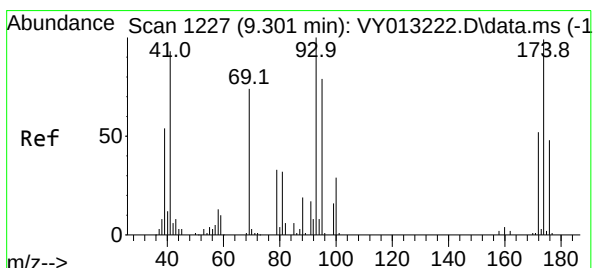
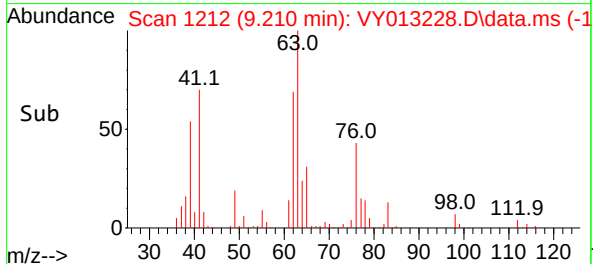
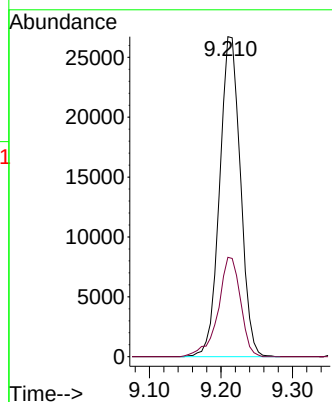
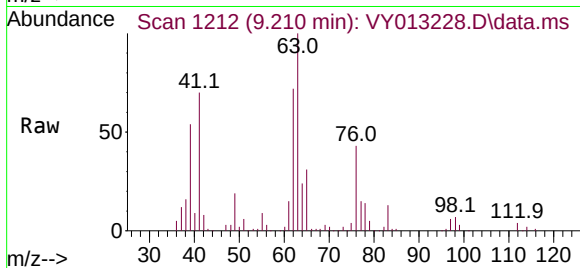
VSTDCCC050

Tgt Ion: 63 Resp: 53994

Ion Ratio Lower Upper

63 100

65 31.0 25.7 38.5



#46

Dibromomethane

Concen: 50.841 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

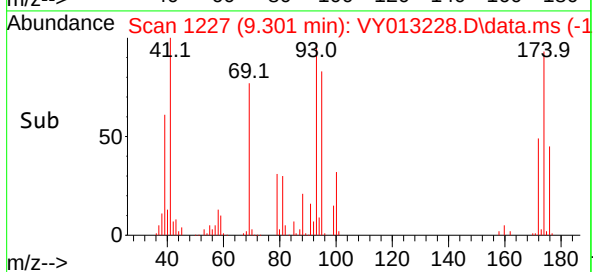
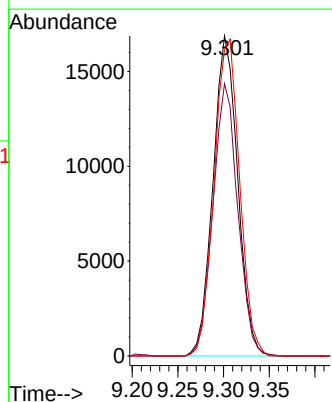
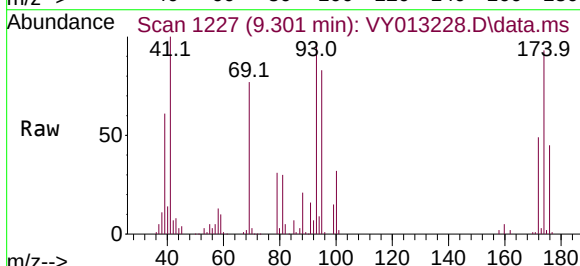
Tgt Ion: 93 Resp: 31676

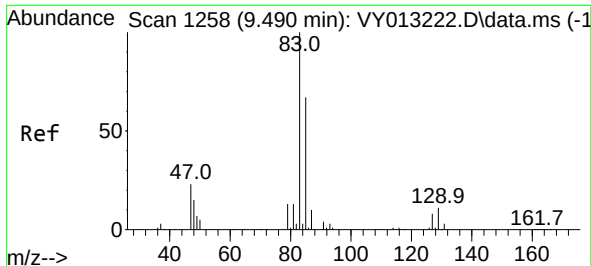
Ion Ratio Lower Upper

93 100

95 85.3 65.6 98.4

174 102.5 81.3 121.9

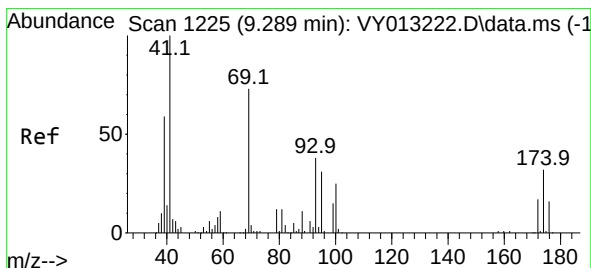
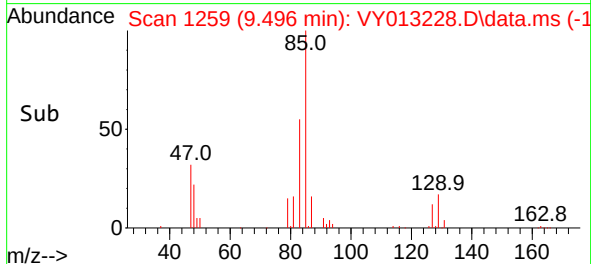
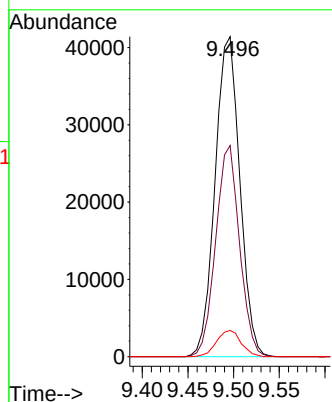
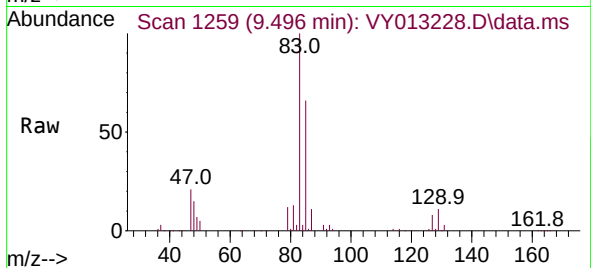




#47
Bromodichloromethane
Concen: 53.595 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

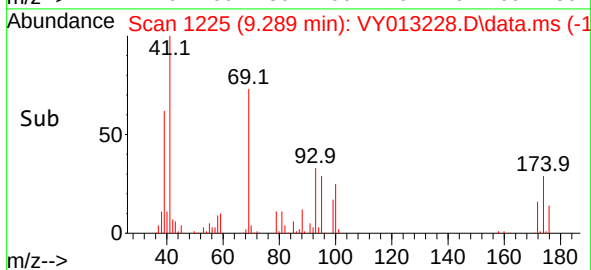
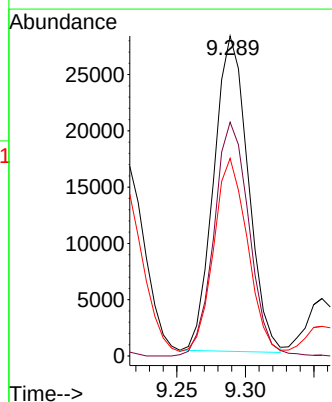
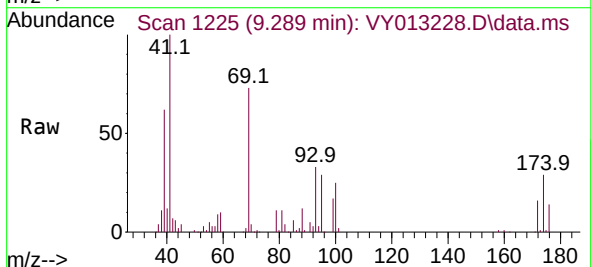
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

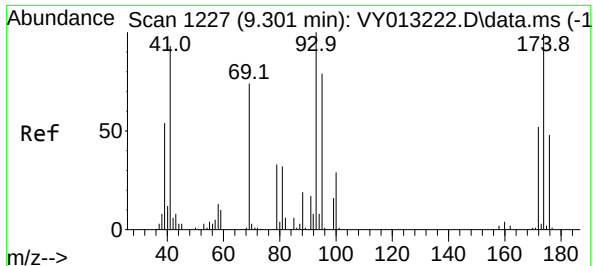
Tgt Ion: 83 Resp: 78019
Ion Ratio Lower Upper
83 100
85 66.0 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 57.141 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 41 Resp: 48808
Ion Ratio Lower Upper
41 100
69 75.8 64.1 96.1
39 63.2 44.0 66.0





#49

1,4-Dioxane

Concen: 1240.005 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

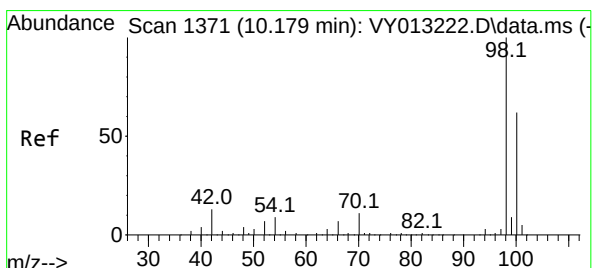
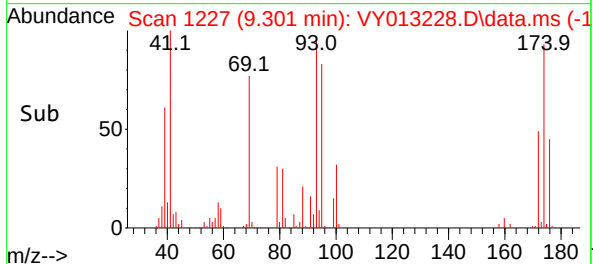
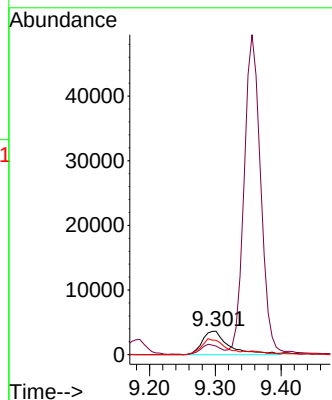
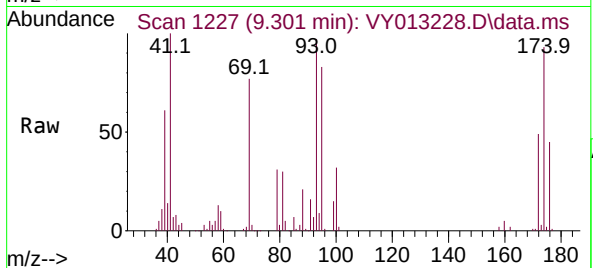
Tgt Ion: 88 Resp: 10346

Ion Ratio Lower Upper

88 100

43 31.1 28.6 42.8

58 57.9 55.2 82.8



#50

Toluene-d8

Concen: 53.350 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013228.D

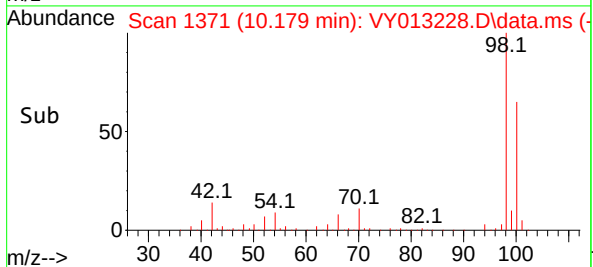
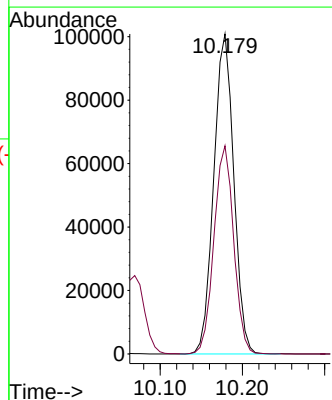
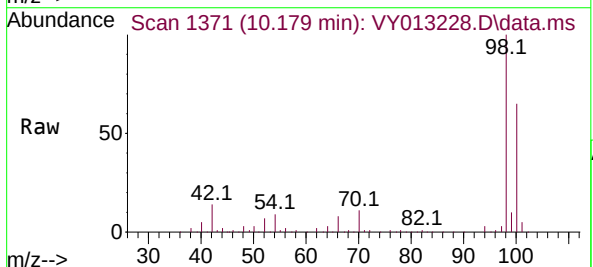
Acq: 10 Apr 2023 15:18

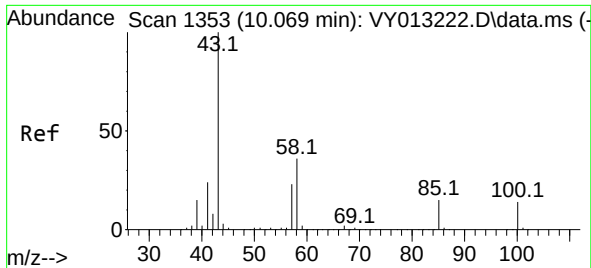
Tgt Ion: 98 Resp: 170509

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3

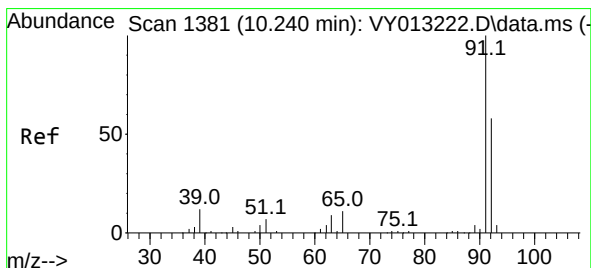
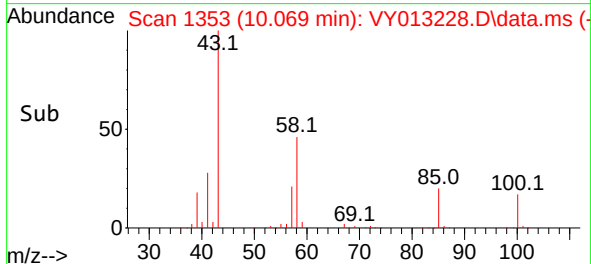
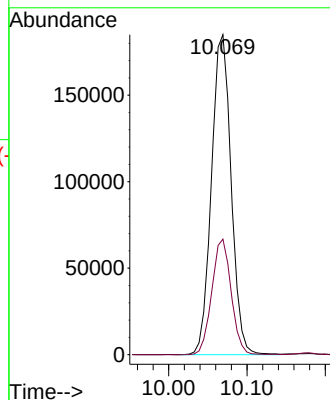
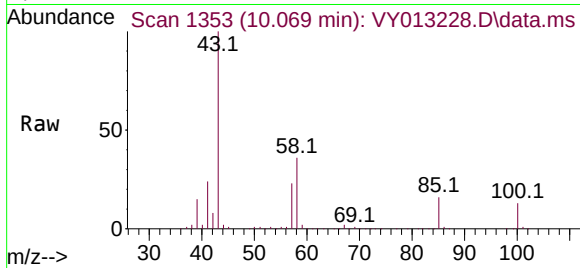




#51
4-Methyl-2-Pentanone
Concen: 295.370 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

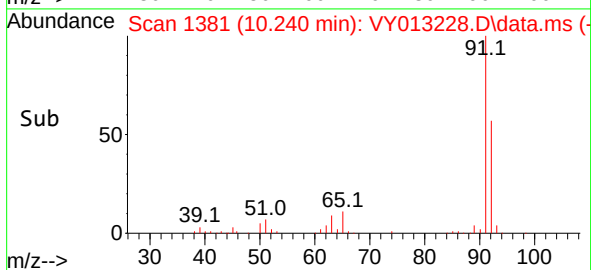
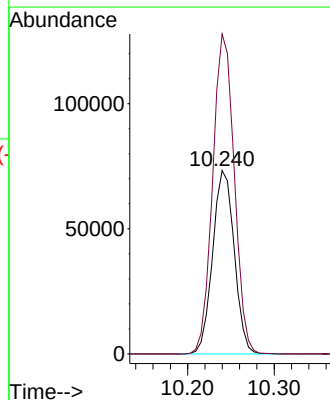
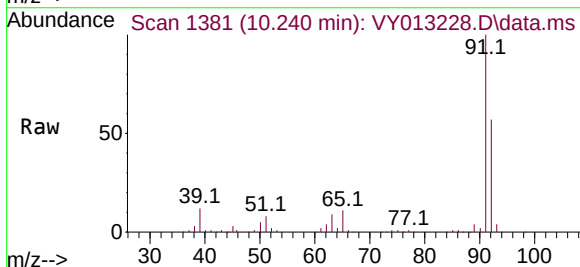
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

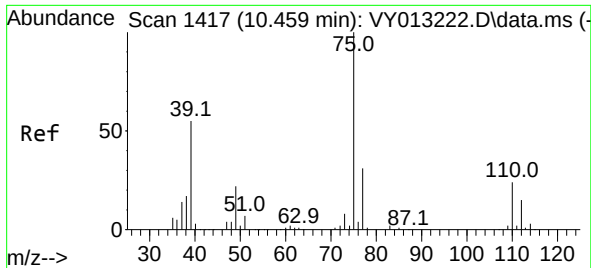
Tgt Ion: 43 Resp: 322381
Ion Ratio Lower Upper
43 100
58 35.6 29.8 44.6



#52
Toluene
Concen: 53.514 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 92 Resp: 127101
Ion Ratio Lower Upper
92 100
91 174.3 141.3 211.9

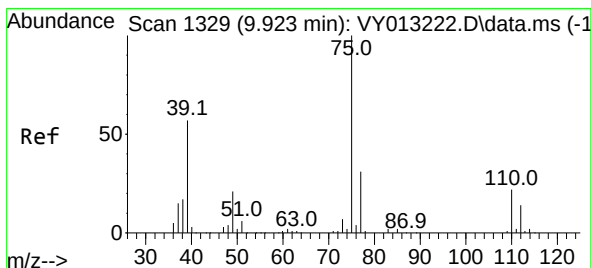
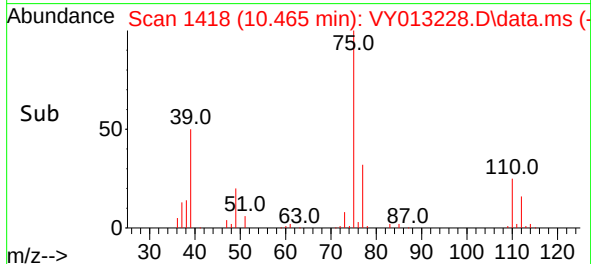
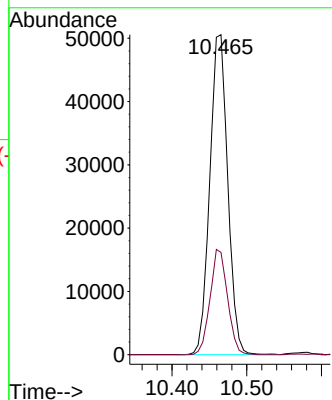
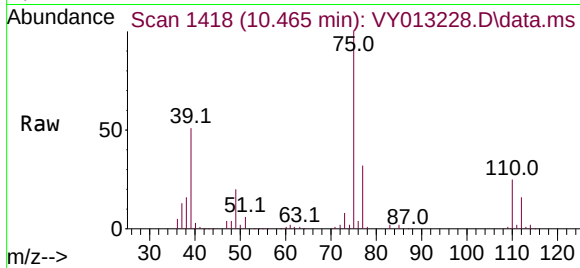




#53
t-1,3-Dichloropropene
Concen: 55.525 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

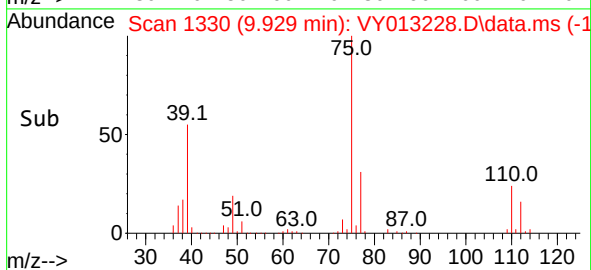
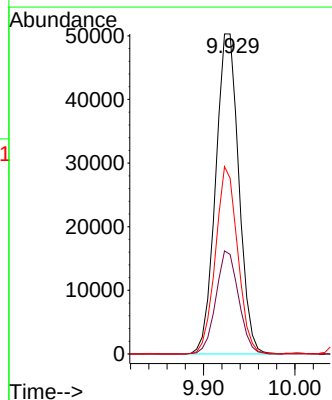
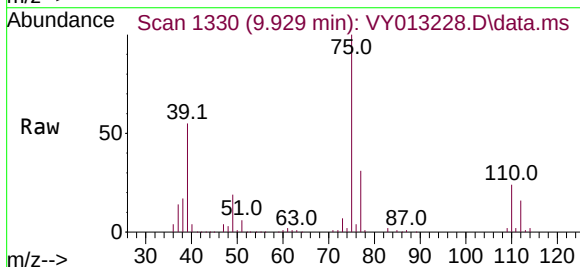
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

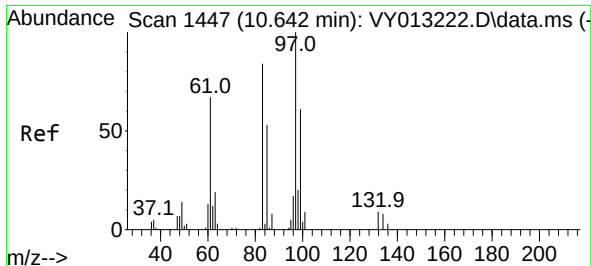
Tgt Ion: 75 Resp: 84616
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.163 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 75 Resp: 88756
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 54.9 39.0 58.4

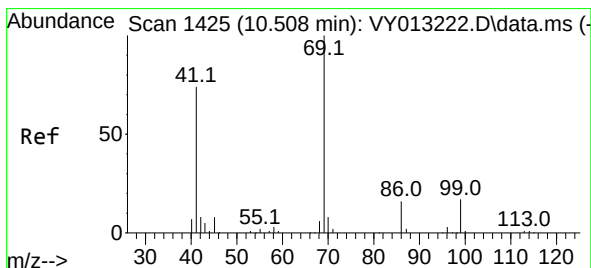
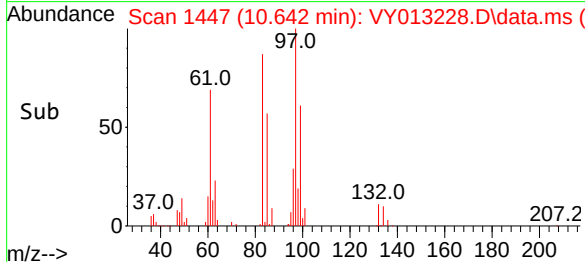
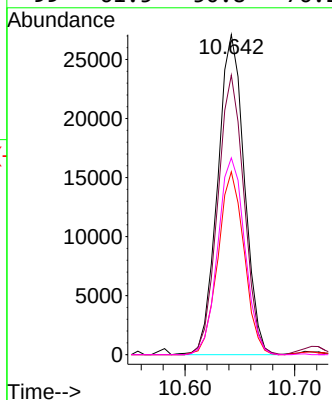
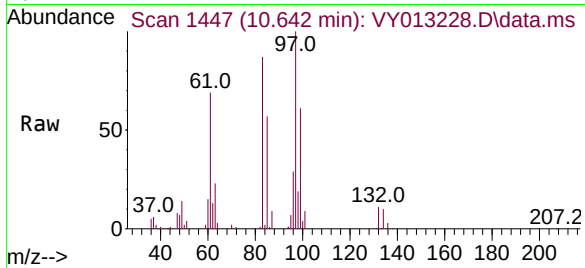




#55
1,1,2-Trichloroethane
Concen: 54.541 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

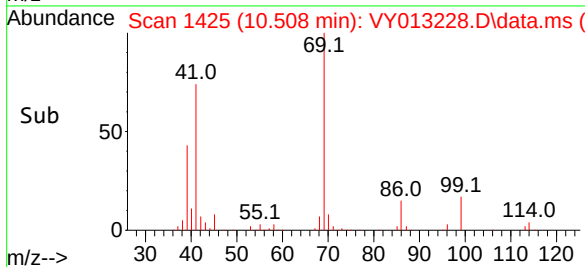
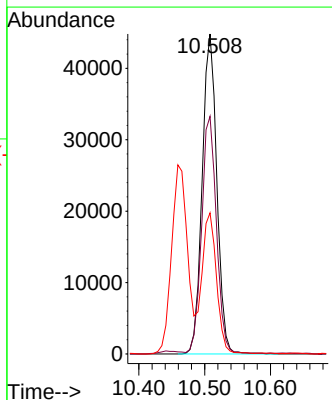
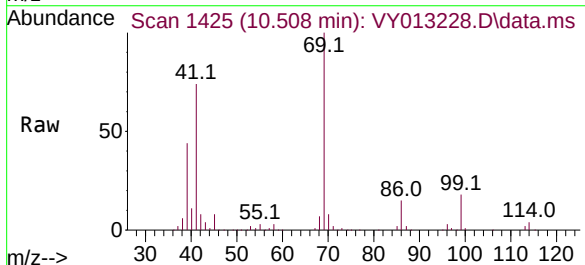
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

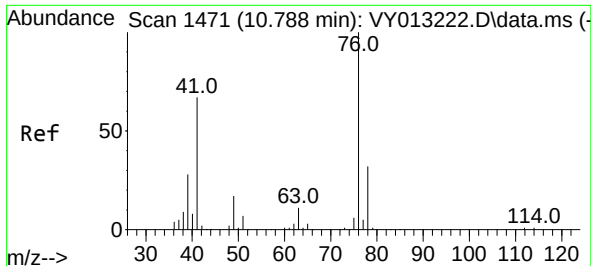
Tgt Ion:	97	Resp:	45889
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.0	103.6
85	57.2	44.9	67.3
99	61.5	50.8	76.2



#56
Ethyl methacrylate
Concen: 60.355 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion:	69	Resp:	69357
Ion	Ratio	Lower	Upper
69	100		
41	74.9	56.4	84.6
39	43.9	30.8	46.2





#57

1,3-Dichloropropane

Concen: 54.402 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

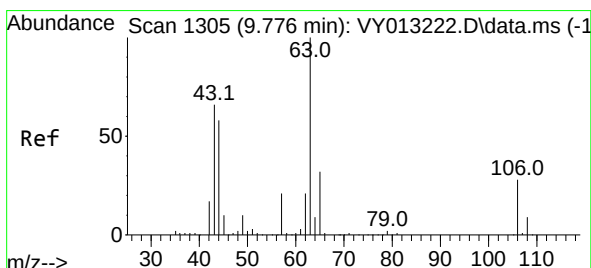
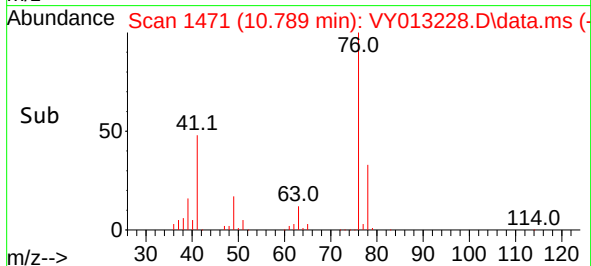
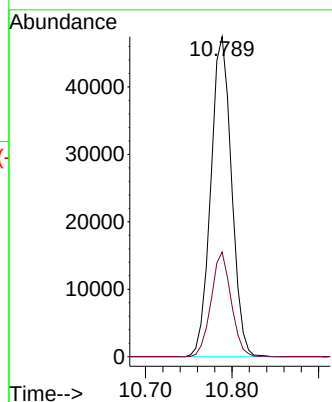
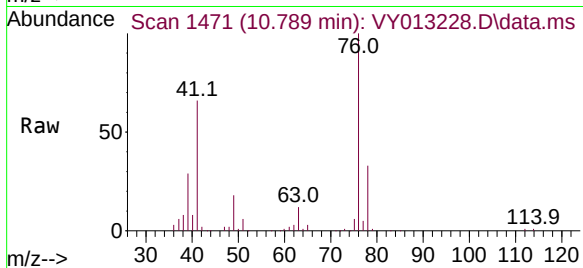
VSTDCCC050

Tgt Ion: 76 Resp: 78893

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 257.800 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY013228.D

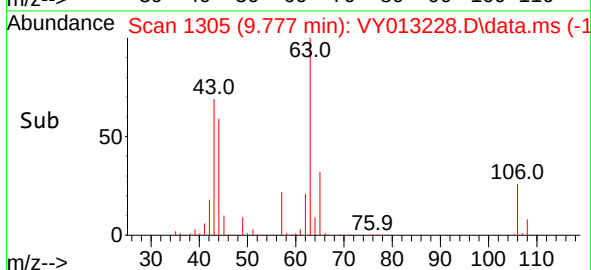
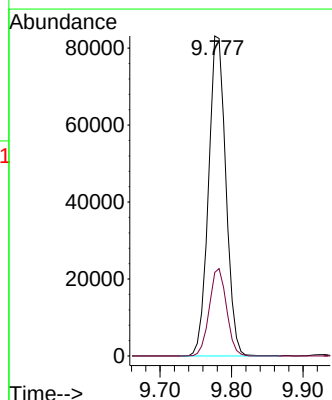
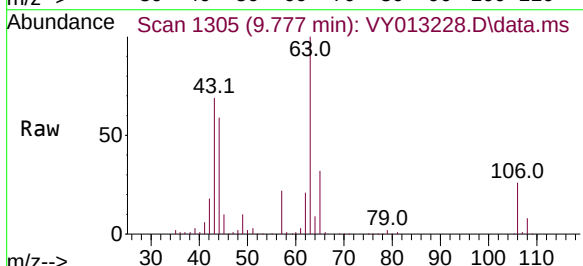
Acq: 10 Apr 2023 15:18

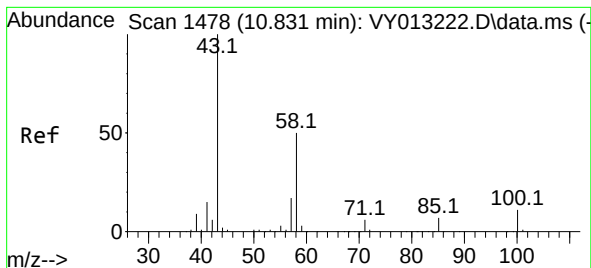
Tgt Ion: 63 Resp: 140114

Ion Ratio Lower Upper

63 100

106 27.1 22.1 33.1

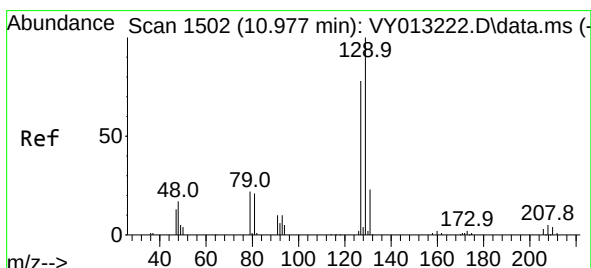
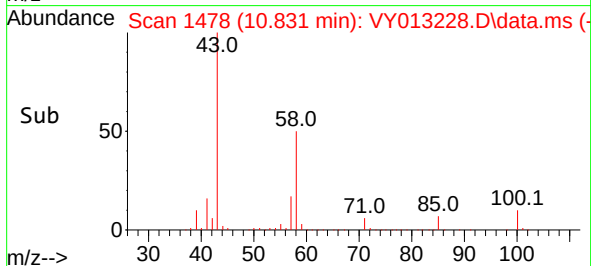
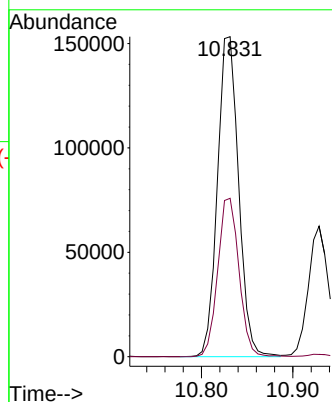
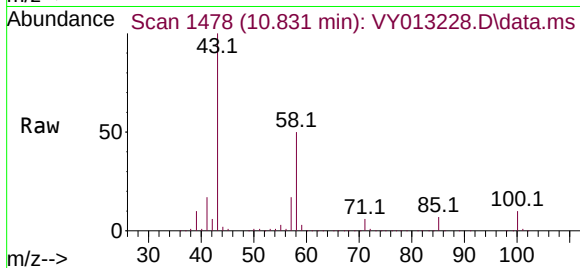




#59
2-Hexanone
Concen: 314.125 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

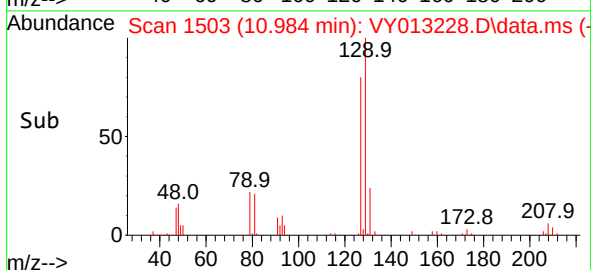
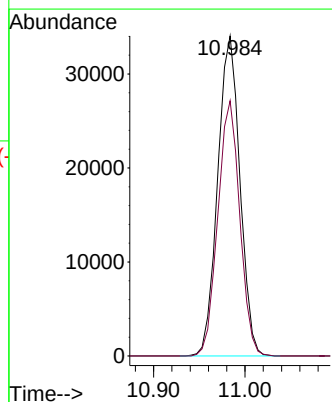
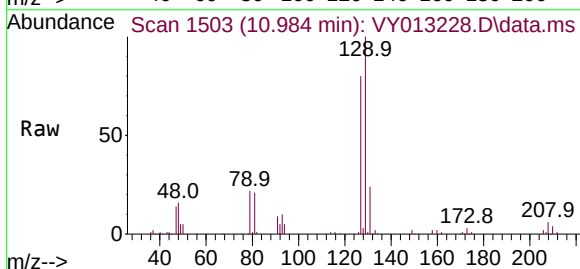
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

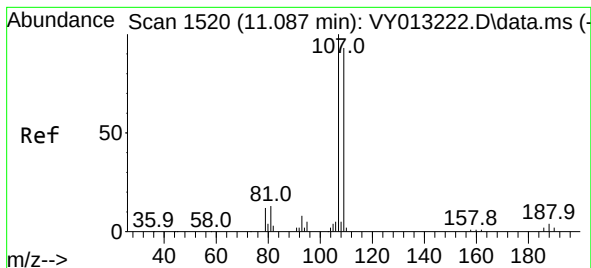
Tgt Ion: 43 Resp: 247138
Ion Ratio Lower Upper
43 100
58 49.7 25.9 77.8



#60
Dibromochloromethane
Concen: 55.170 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 129 Resp: 57591
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 53.762 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

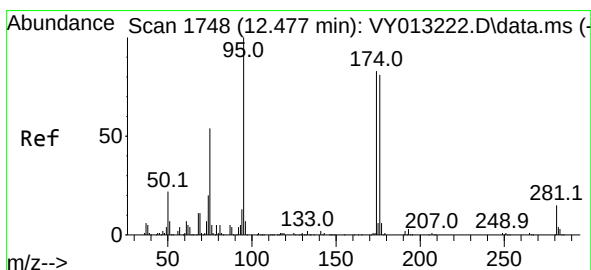
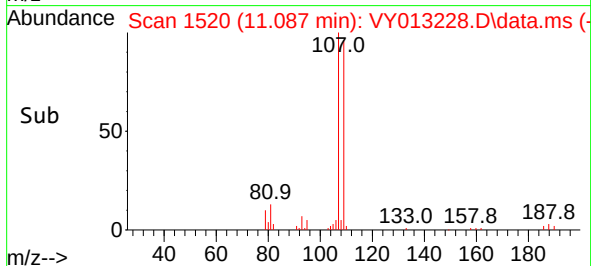
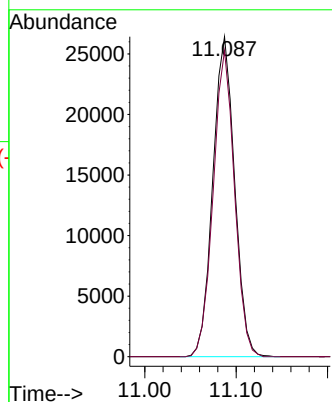
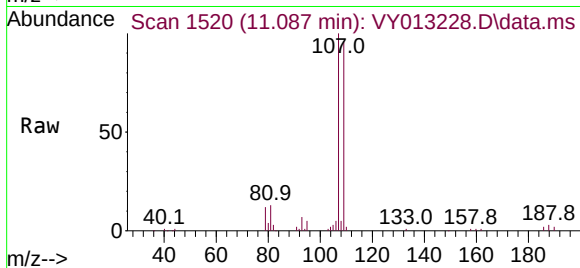
VSTDCCC050

Tgt Ion:107 Resp: 43710

Ion Ratio Lower Upper

107 100

109 93.5 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 54.218 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

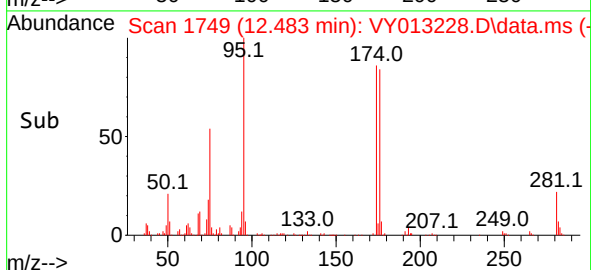
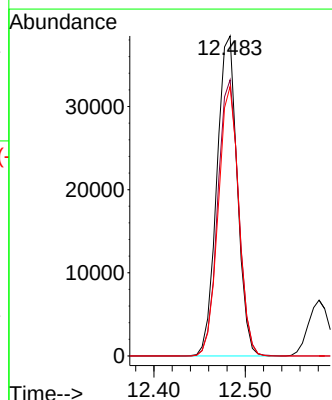
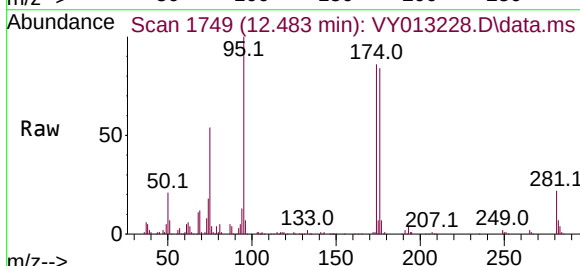
Tgt Ion: 95 Resp: 59814

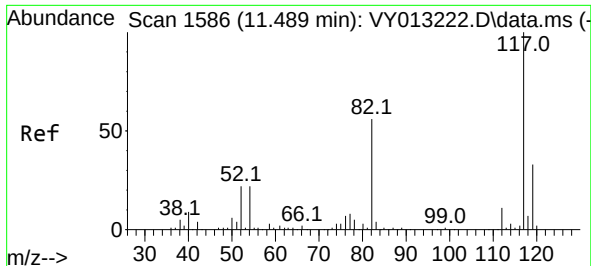
Ion Ratio Lower Upper

95 100

174 87.8 0.0 176.6

176 84.3 0.0 170.2

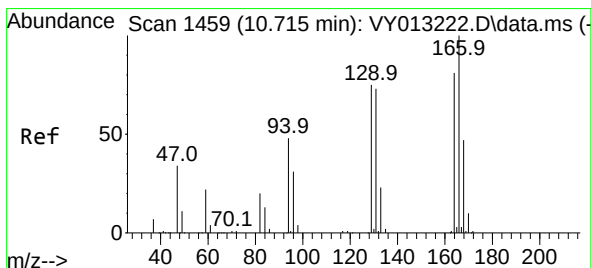
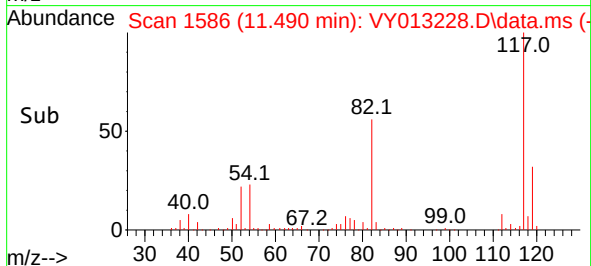
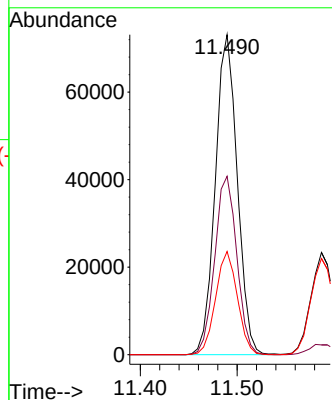
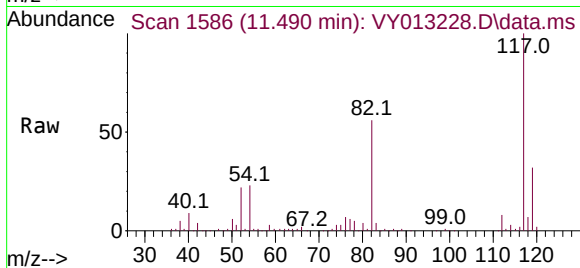




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 115434
Delta R.T. 0.001 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

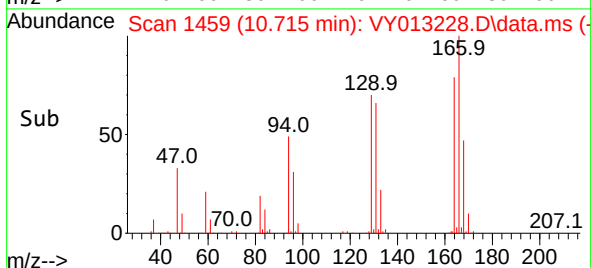
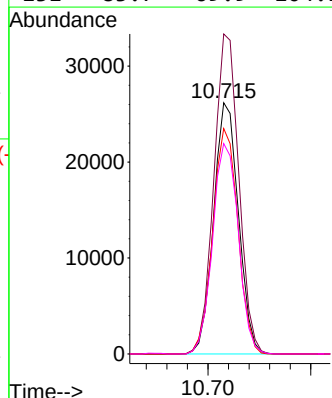
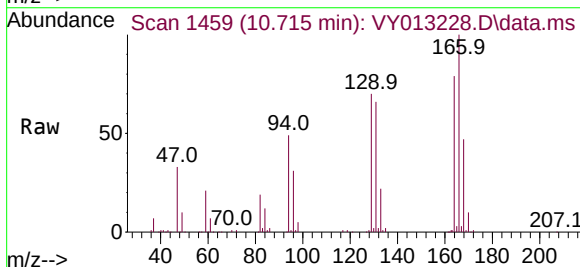
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

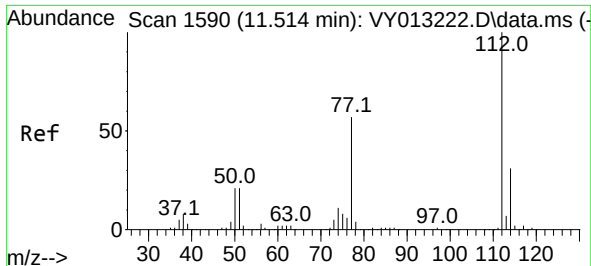
Tgt Ion:117 Resp: 115434
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 50.462 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion:164 Resp: 43910
Ion Ratio Lower Upper
164 100
166 127.4 103.4 155.2
129 89.8 71.4 107.2
131 83.7 69.9 104.9

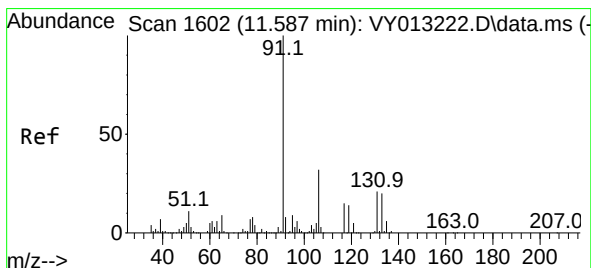
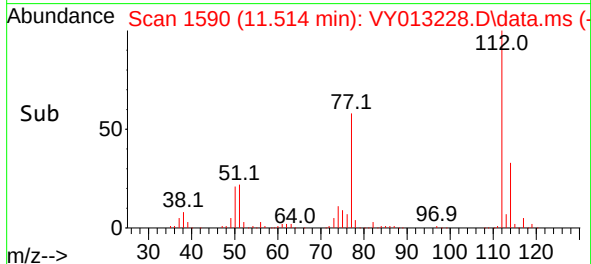
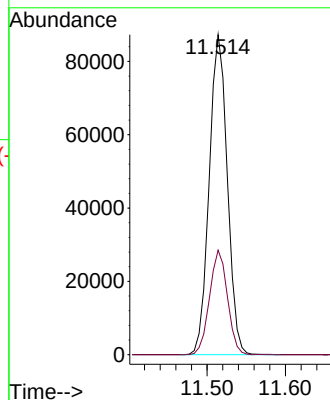
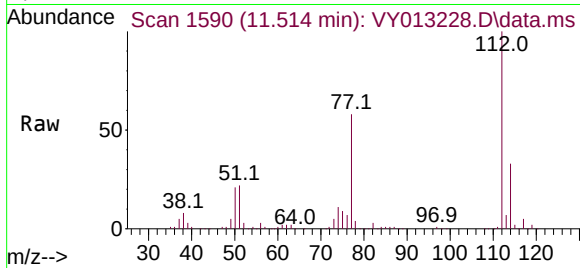




#65
Chlorobenzene
Concen: 53.229 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

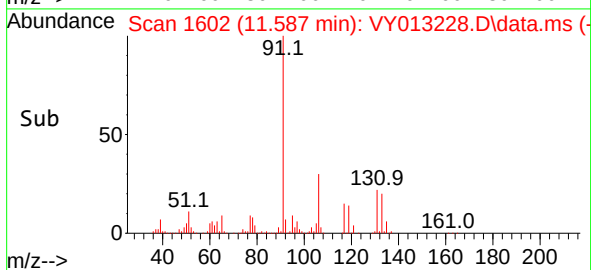
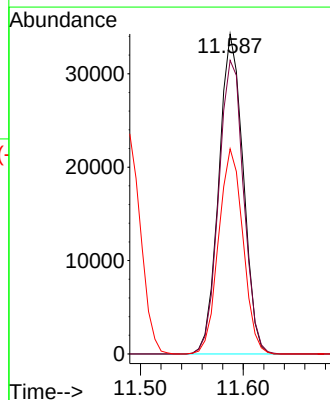
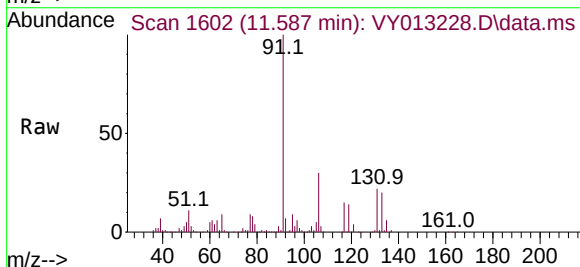
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

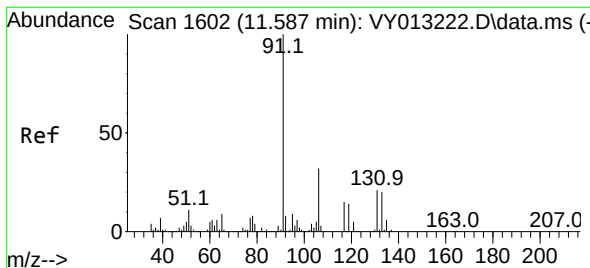
Tgt Ion:112 Resp: 139883
Ion Ratio Lower Upper
112 100
114 32.7 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.838 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion:131 Resp: 56302
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 64.2 32.6 98.0





#67

Ethyl Benzene

Concen: 55.734 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

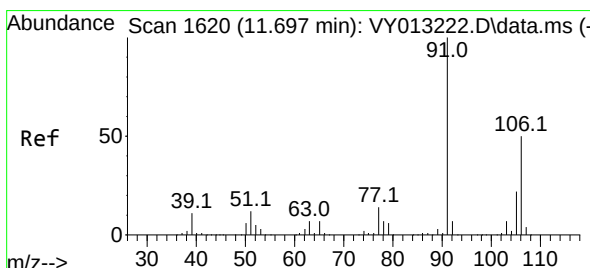
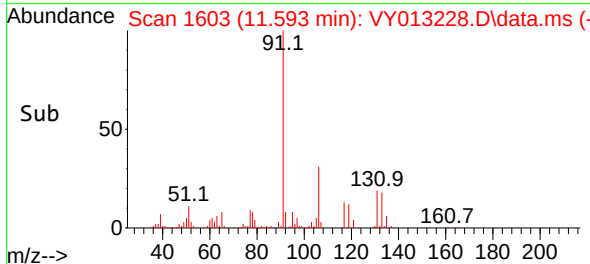
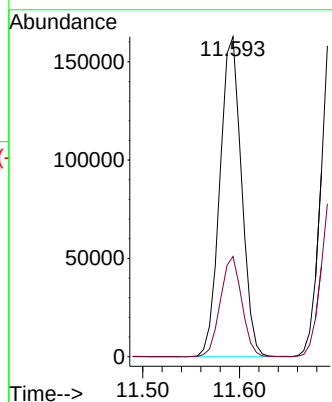
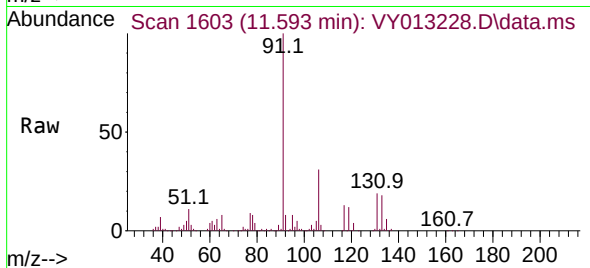
VSTDCCC050

Tgt Ion: 91 Resp: 252246

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 112.245 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY013228.D

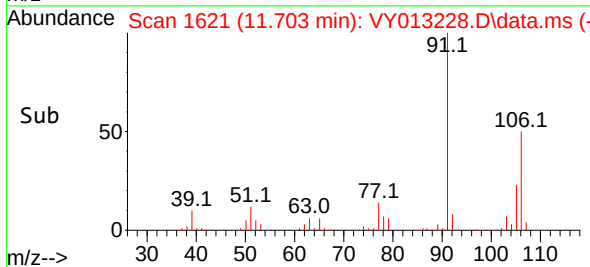
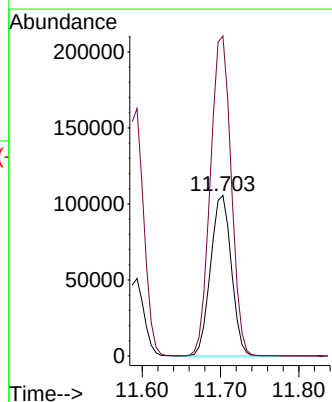
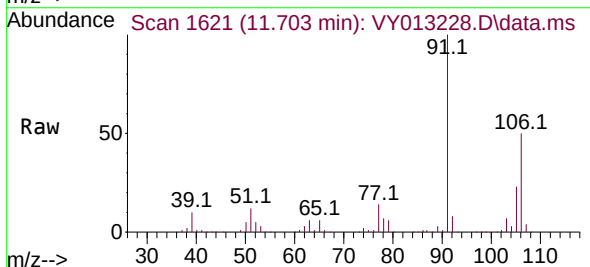
Acq: 10 Apr 2023 15:18

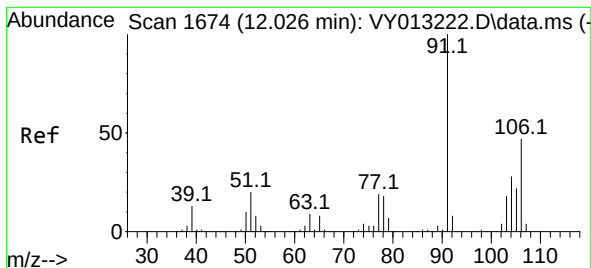
Tgt Ion: 106 Resp: 194292

Ion Ratio Lower Upper

106 100

91 200.3 159.8 239.8





#69

o-Xylene

Concen: 56.921 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

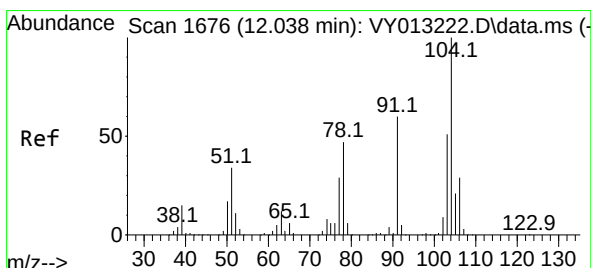
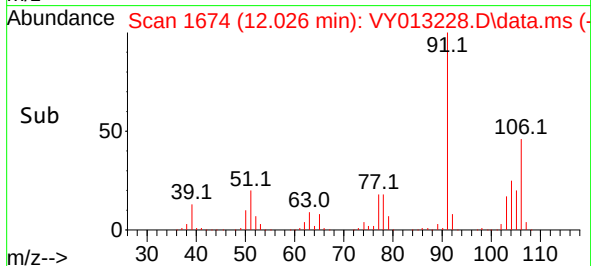
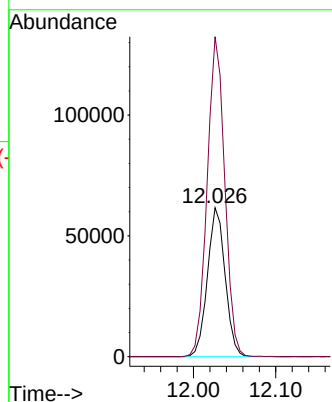
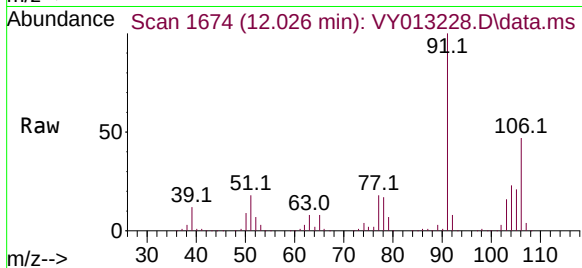
VSTDCCC050

Tgt Ion:106 Resp: 92133

Ion Ratio Lower Upper

106 100

91 213.3 107.2 321.6



#70

Styrene

Concen: 58.282 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

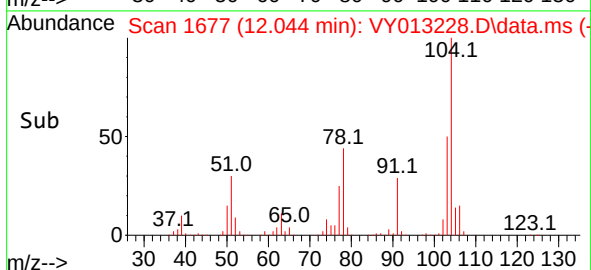
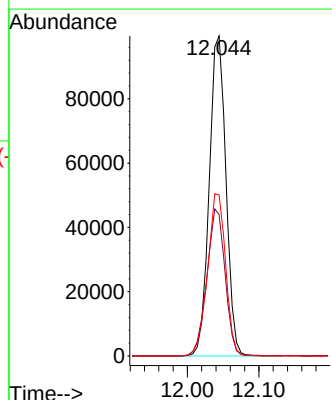
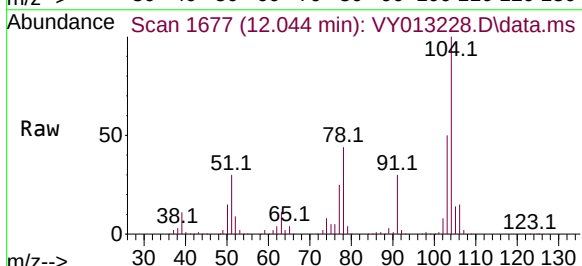
Tgt Ion:104 Resp: 161695

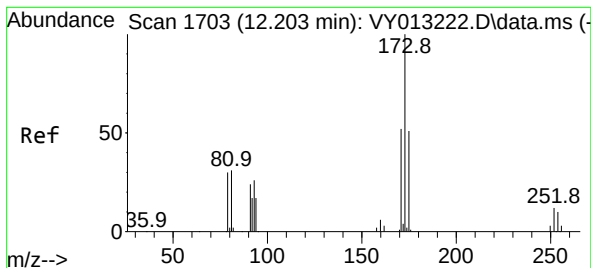
Ion Ratio Lower Upper

104 100

78 50.1 39.2 58.8

103 54.7 43.7 65.5





#71

Bromoform

Concen: 56.565 ug/l

RT: 12.209 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

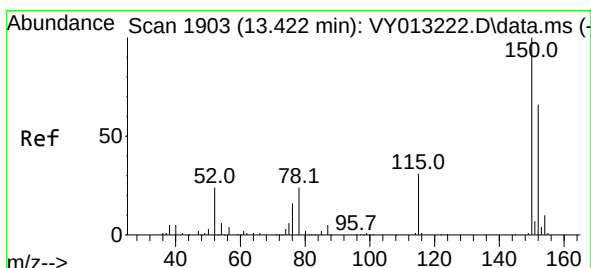
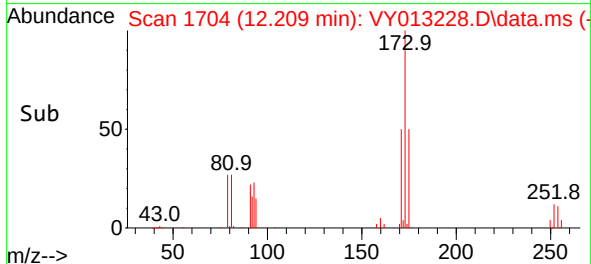
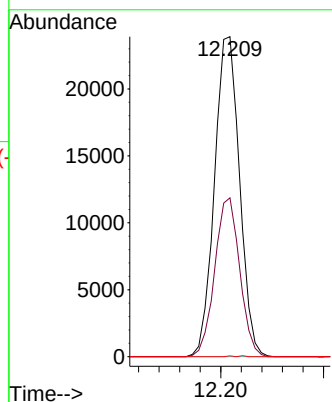
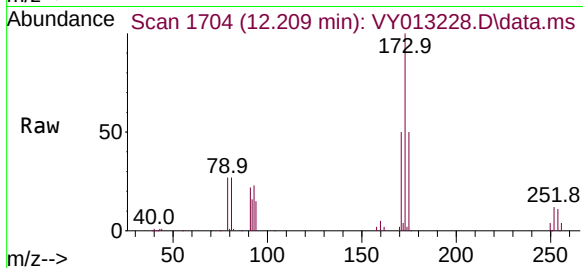
Tgt Ion:173 Resp: 40405

Ion Ratio Lower Upper

173 100

175 49.4 25.0 75.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

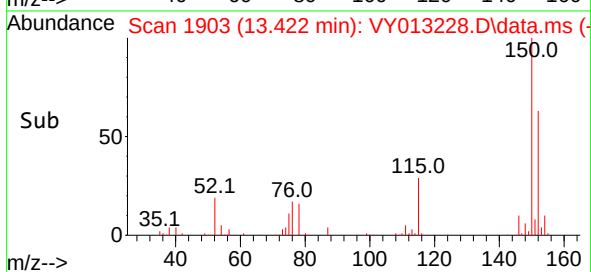
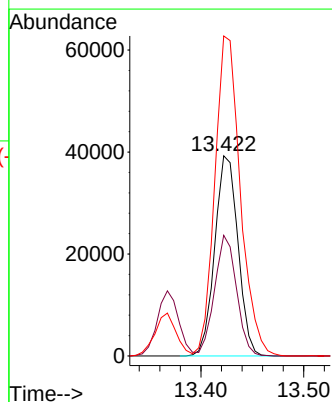
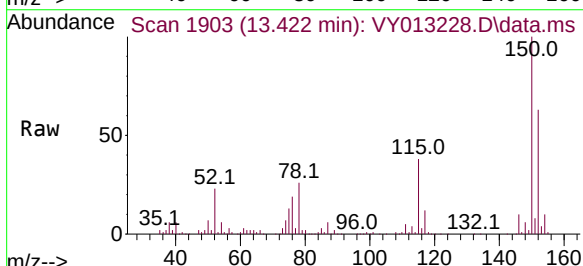
Tgt Ion:152 Resp: 61431

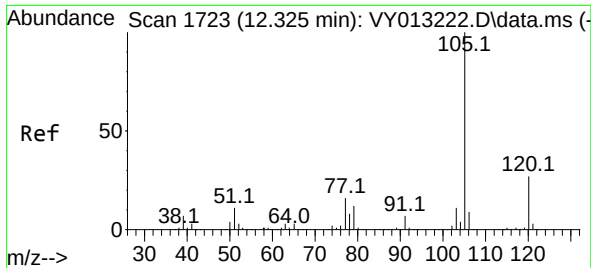
Ion Ratio Lower Upper

152 100

115 57.0 27.1 81.3

150 176.0 0.0 347.8





#73

Isopropylbenzene

Concen: 56.230 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

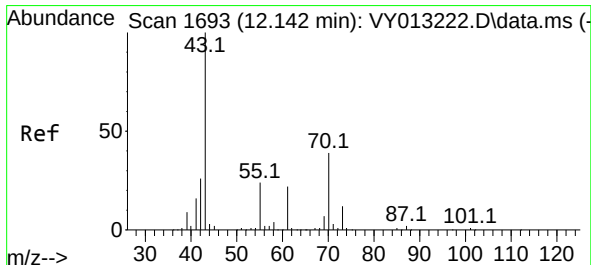
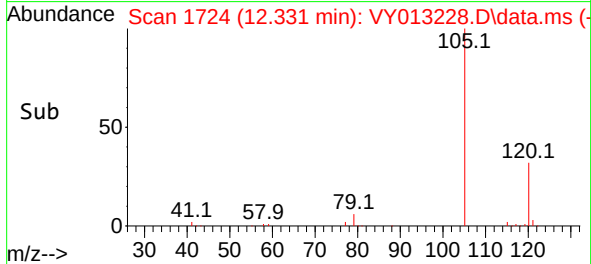
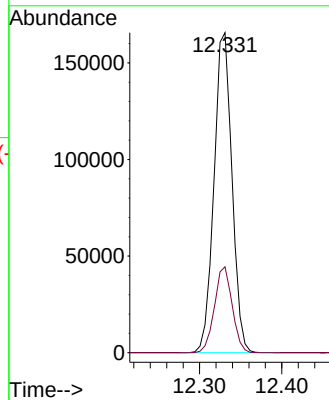
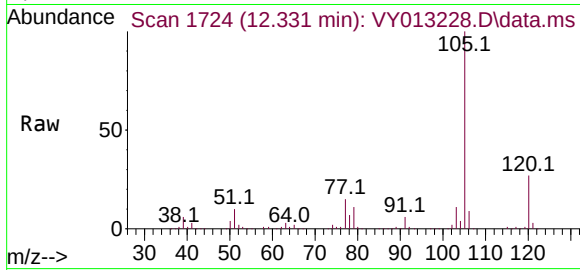
VSTDCCC050

Tgt Ion:105 Resp: 251044

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-amy1 acetate

Concen: 60.153 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Tgt Ion: 43 Resp: 99256

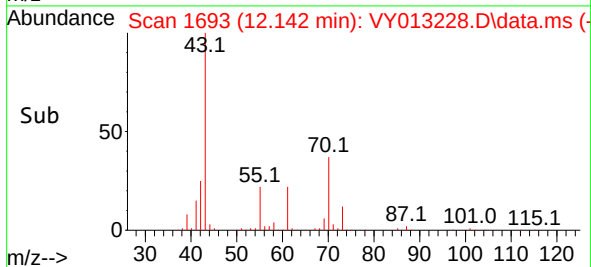
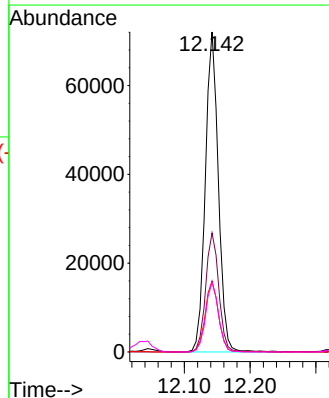
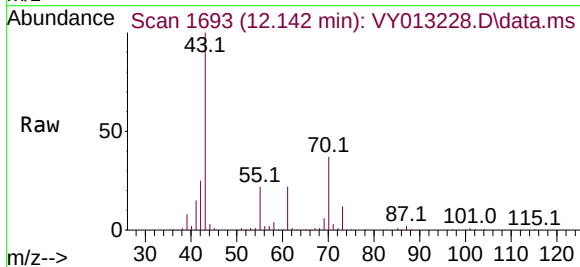
Ion Ratio Lower Upper

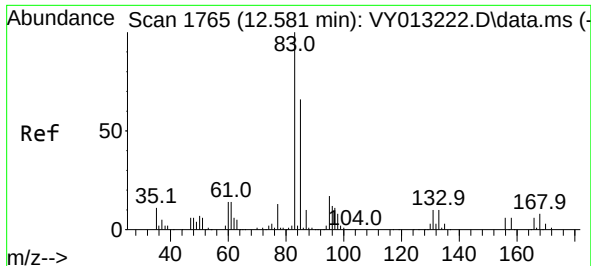
43 100

70 37.6 31.6 47.4

55 22.5 18.8 28.2

61 21.6 17.8 26.8

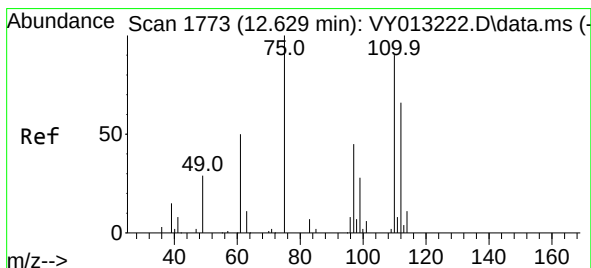
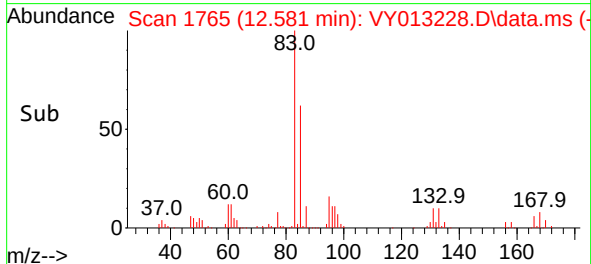
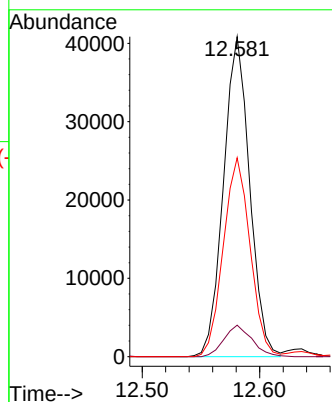
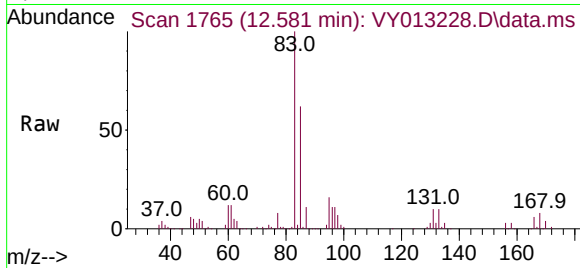




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.564 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013228.D
 Acq: 10 Apr 2023 15:18

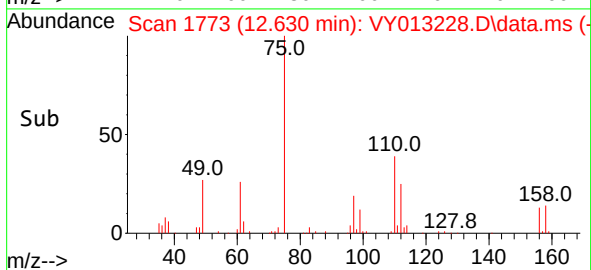
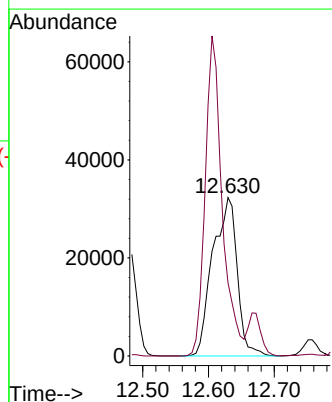
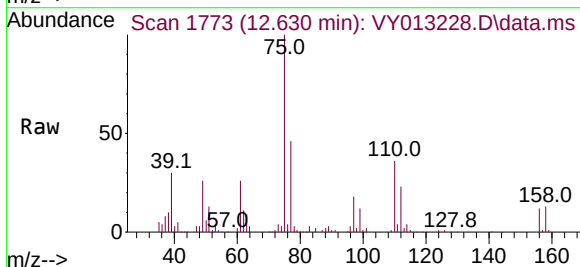
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

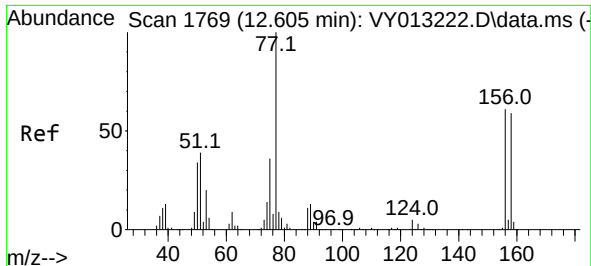
Tgt Ion: 83 Resp: 63234
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.2
 85 63.7 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 100.597 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY013228.D
 Acq: 10 Apr 2023 15:18

Tgt Ion: 75 Resp: 83803
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

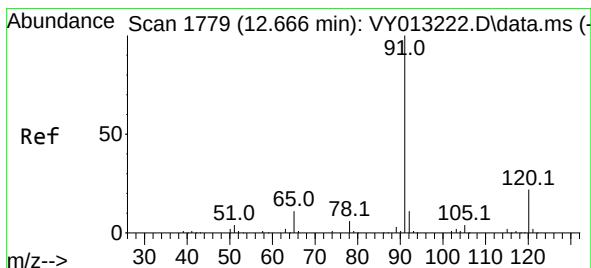
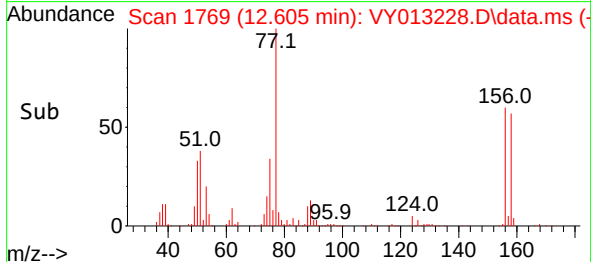
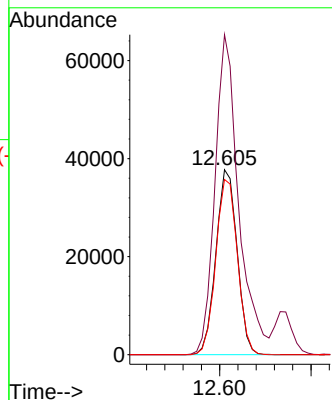
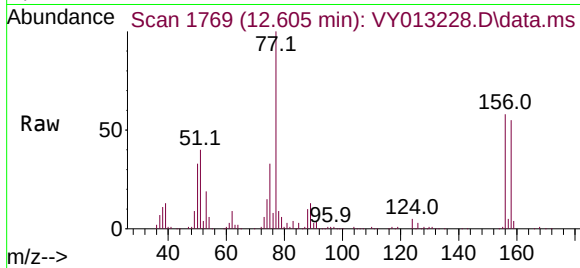




#77
Bromobenzene
Concen: 54.314 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

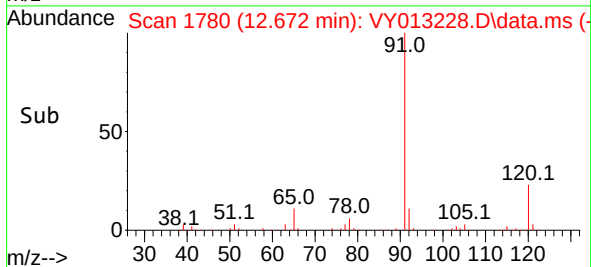
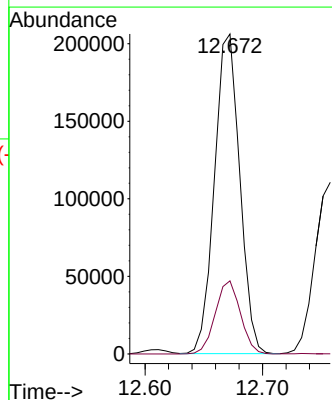
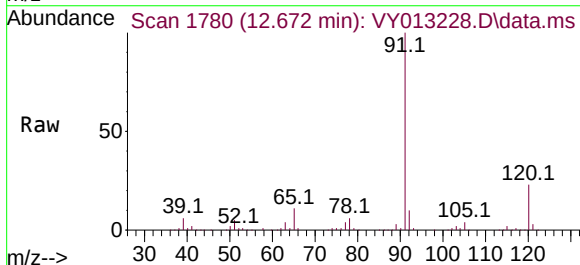
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

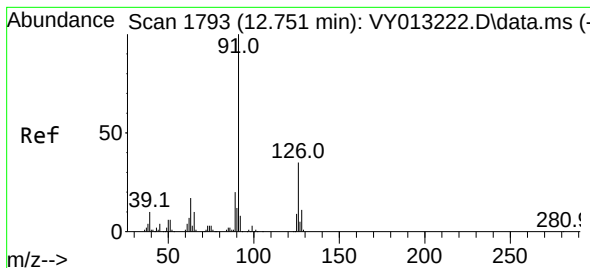
Tgt Ion:156 Resp: 60725
Ion Ratio Lower Upper
156 100
77 193.9 94.0 282.1
158 96.7 48.1 144.4



#78
n-propylbenzene
Concen: 56.276 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 91 Resp: 308207
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8

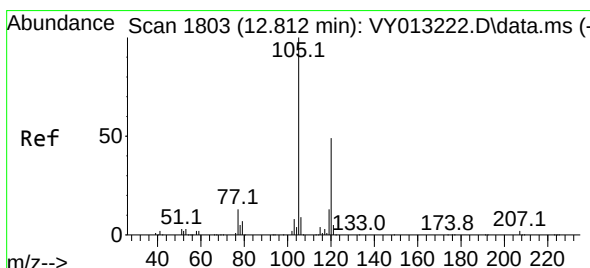
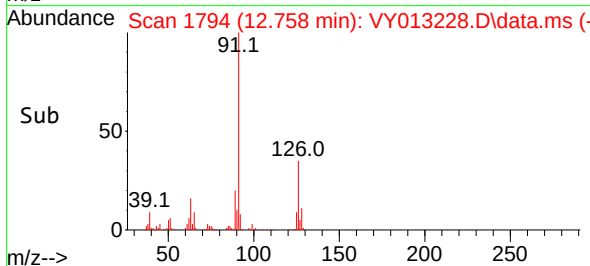
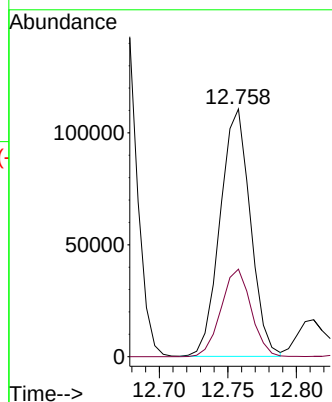
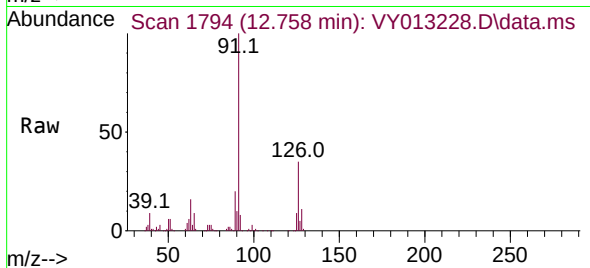




#79
2-Chlorotoluene
Concen: 54.523 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.007 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

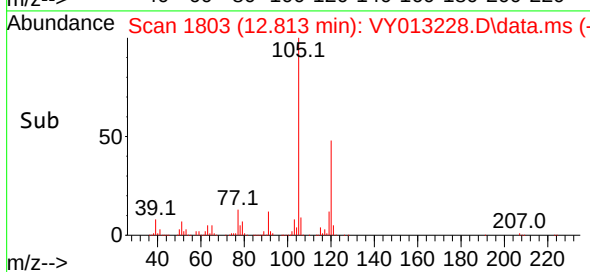
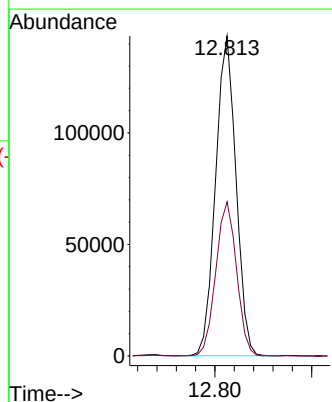
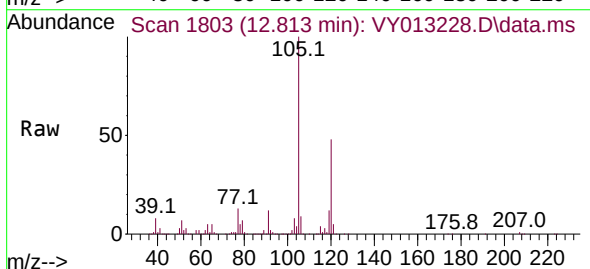
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

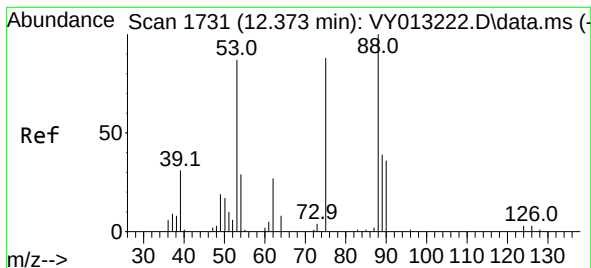
Tgt Ion: 91 Resp: 170025
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 56.758 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 105 Resp: 209852
Ion Ratio Lower Upper
105 100
120 48.8 24.8 74.4

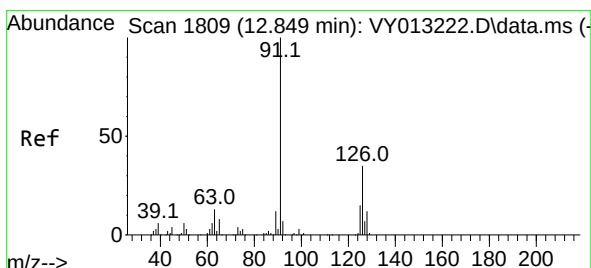
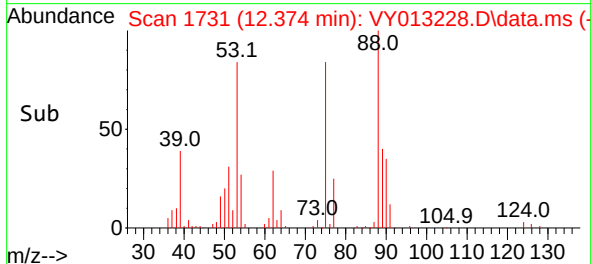
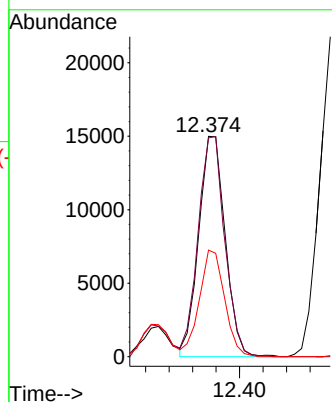
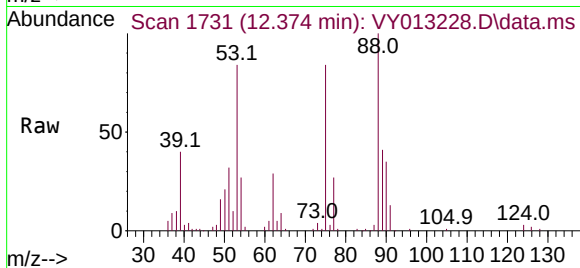




#81
trans-1,4-Dichloro-2-butene
Concen: 57.827 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

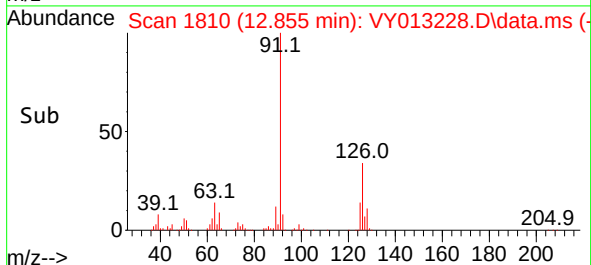
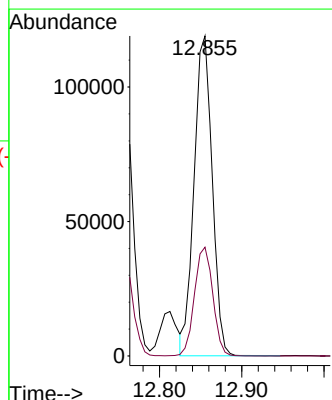
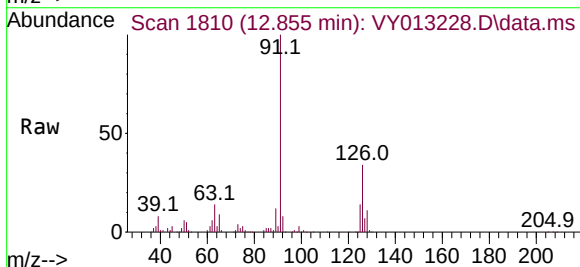
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

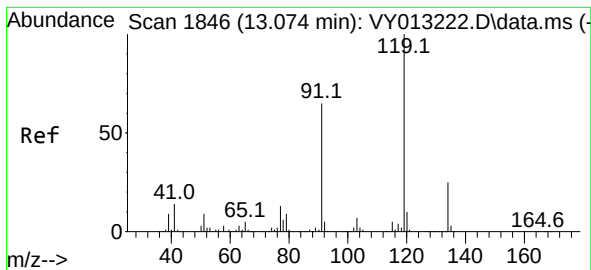
Tgt Ion: 75 Resp: 23467
Ion Ratio Lower Upper
75 100
53 100.6 73.4 110.0
89 46.1 36.6 55.0



#82
4-Chlorotoluene
Concen: 55.970 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion: 91 Resp: 182051
Ion Ratio Lower Upper
91 100
126 34.5 17.7 53.1

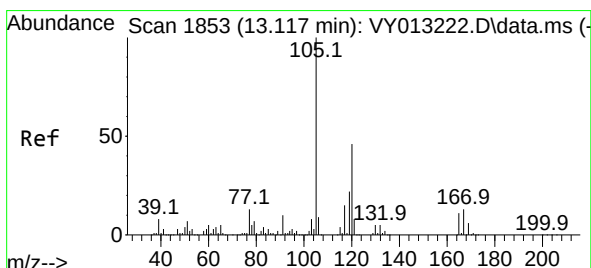
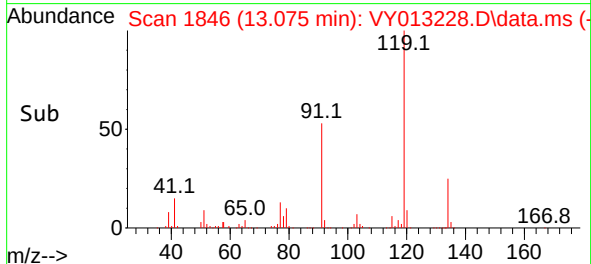
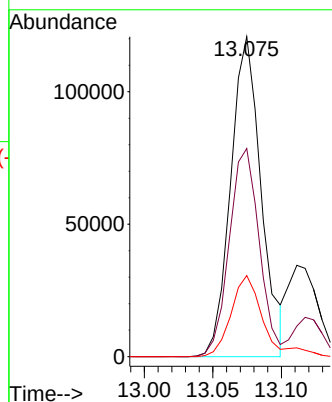
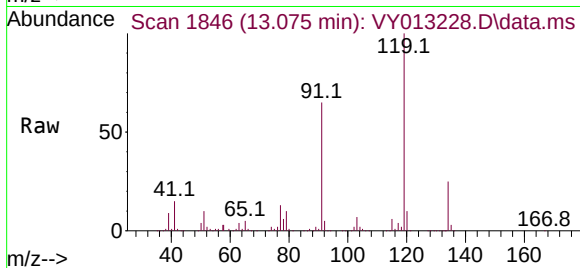




#83
tert-Butylbenzene
Concen: 57.481 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

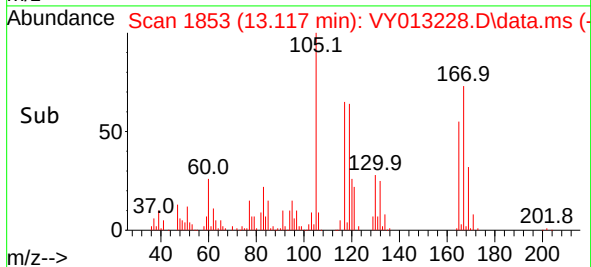
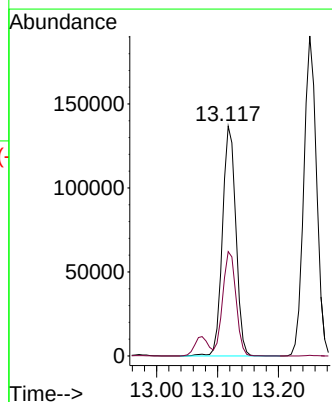
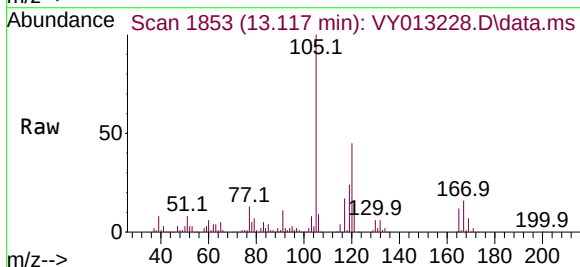
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

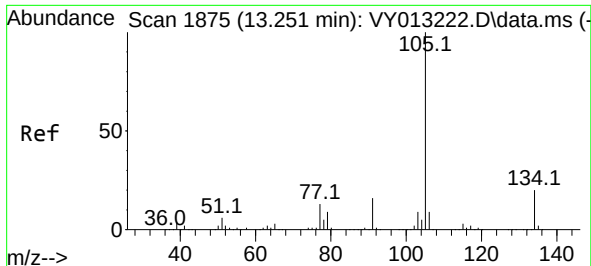
Tgt Ion:119 Resp: 187233
Ion Ratio Lower Upper
119 100
91 64.2 32.8 98.3
134 26.7 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 57.792 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013228.D
Acq: 10 Apr 2023 15:18

Tgt Ion:105 Resp: 208647
Ion Ratio Lower Upper
105 100
120 45.0 23.0 69.0

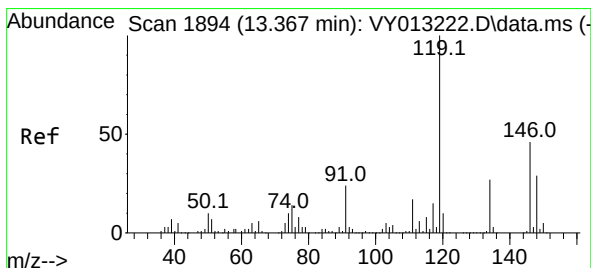
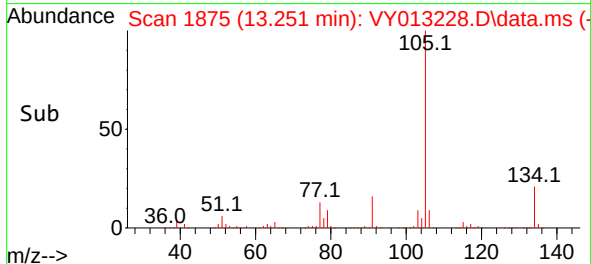
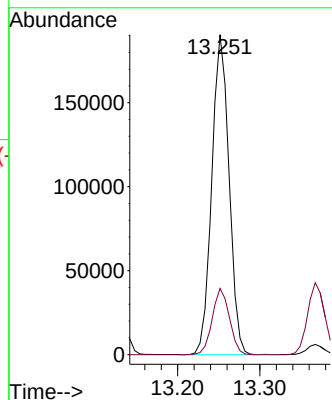
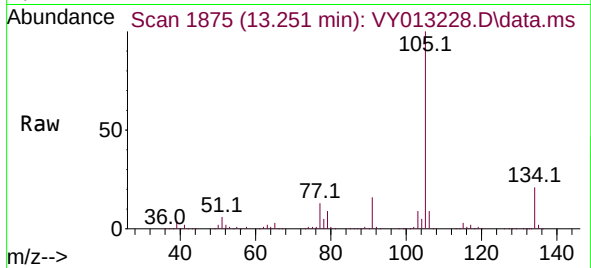




#85
 sec-Butylbenzene
 Concen: 57.764 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013228.D
 Acq: 10 Apr 2023 15:18

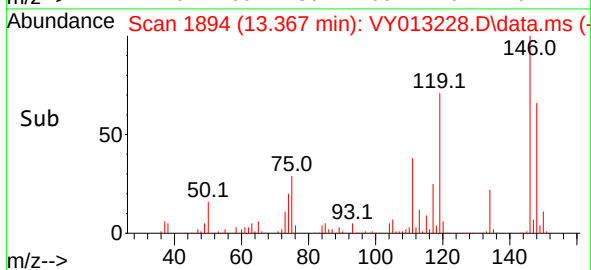
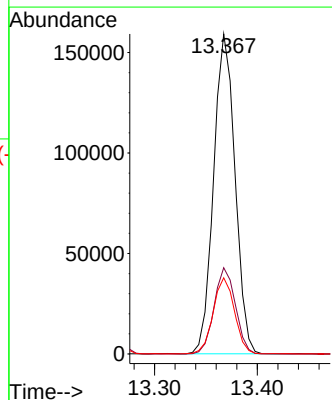
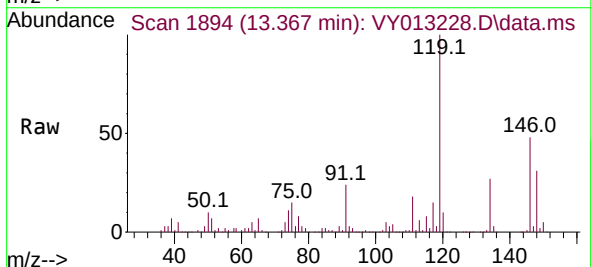
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

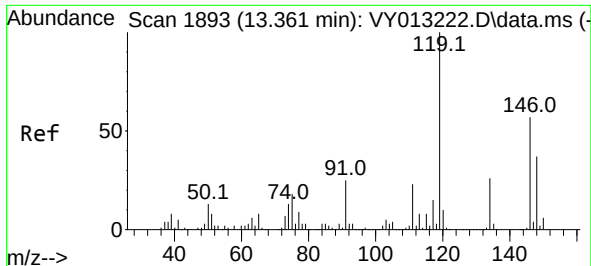
Tgt Ion:105 Resp: 276801
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 57.811 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013228.D
 Acq: 10 Apr 2023 15:18

Tgt Ion:119 Resp: 230055
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 23.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 54.324 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

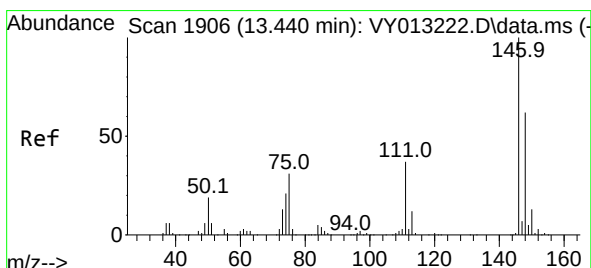
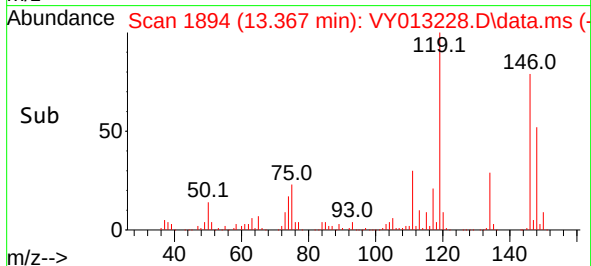
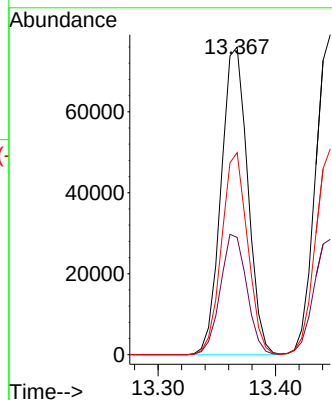
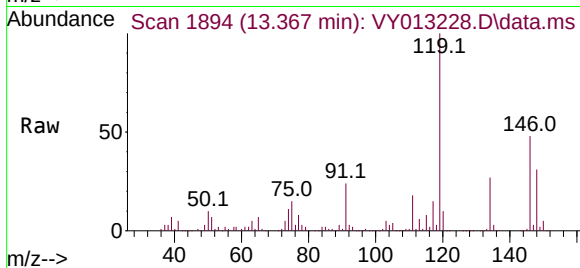
Tgt Ion:146 Resp: 119718

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 64.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 53.383 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

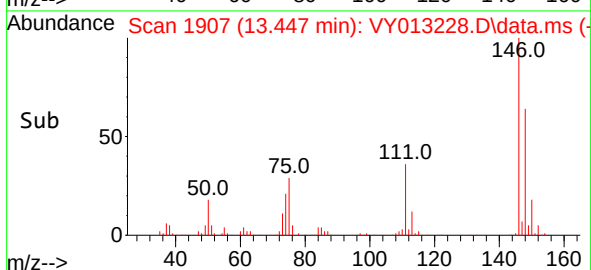
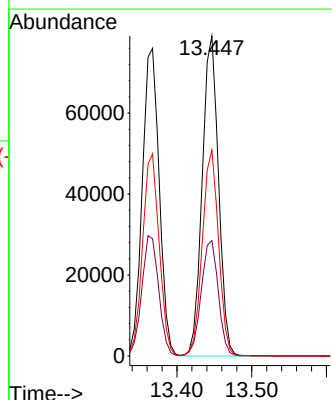
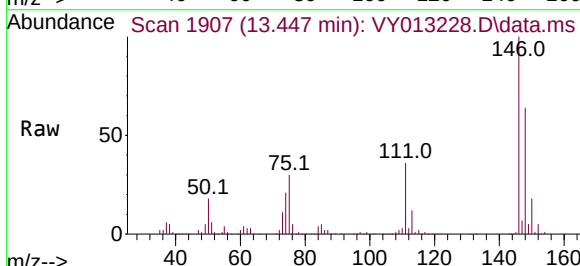
Tgt Ion:146 Resp: 119652

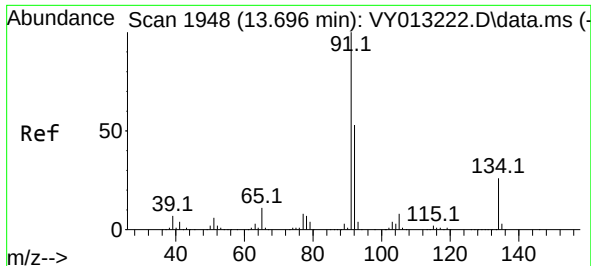
Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

148 64.3 31.5 94.5





#89

n-Butylbenzene

Concen: 57.799 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

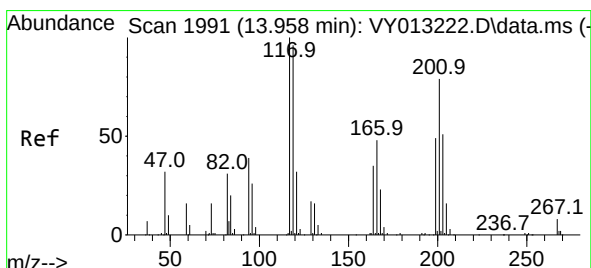
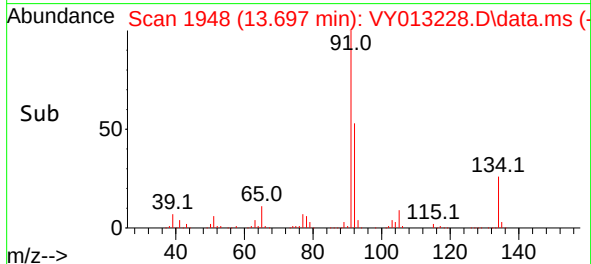
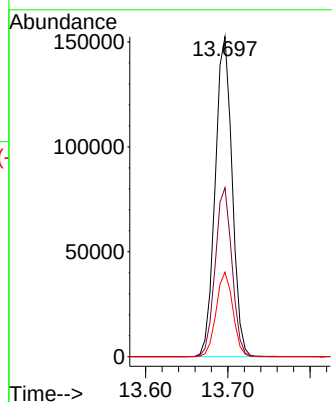
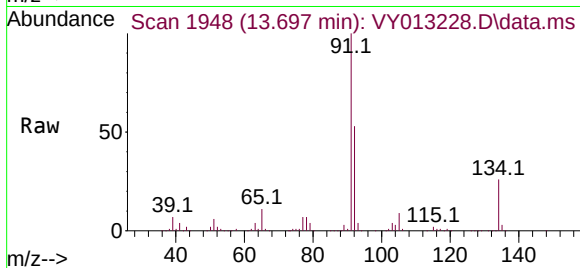
Tgt Ion: 91 Resp: 217961

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 54.307 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013228.D

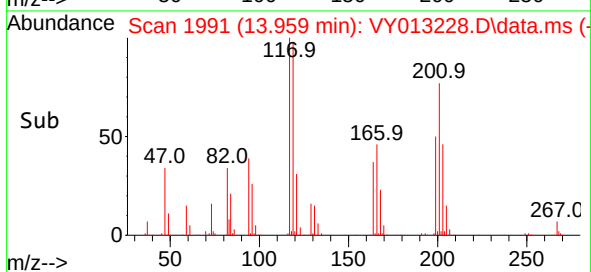
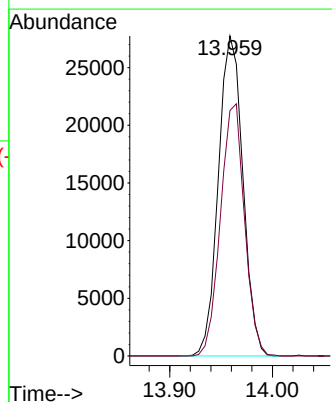
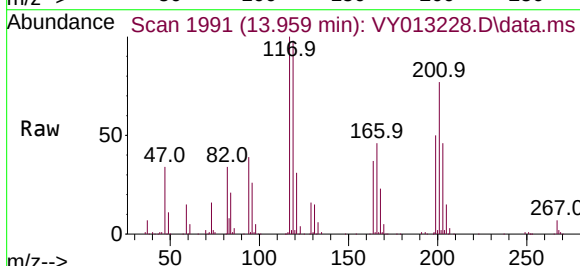
Acq: 10 Apr 2023 15:18

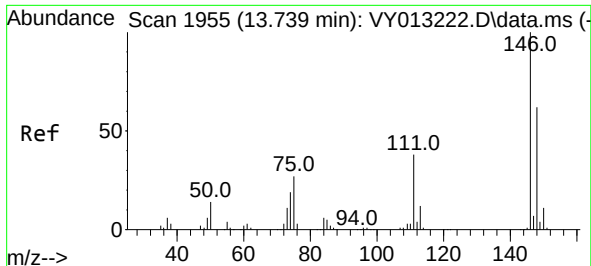
Tgt Ion: 117 Resp: 45930

Ion Ratio Lower Upper

117 100

201 77.3 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 54.786 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

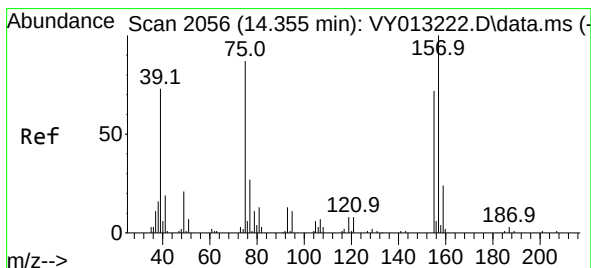
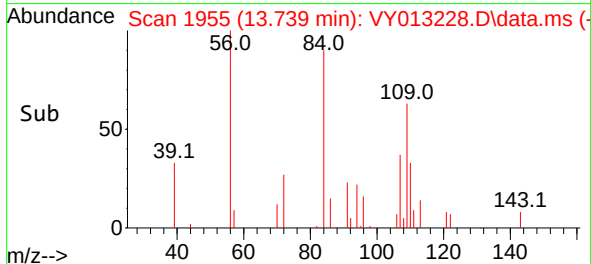
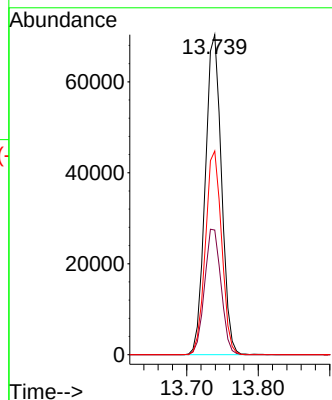
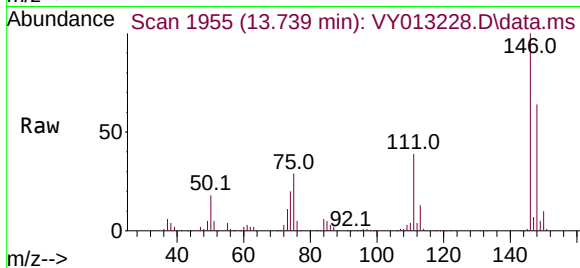
Tgt Ion:146 Resp: 110817

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.1

148 63.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.303 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

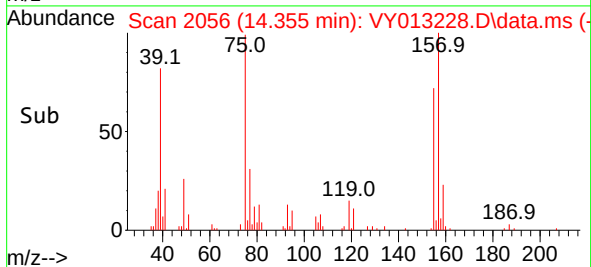
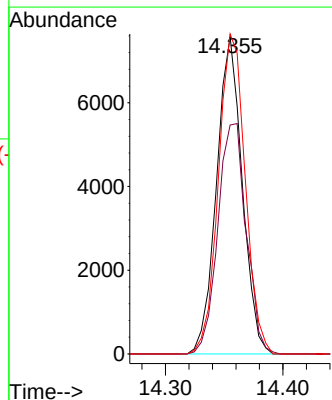
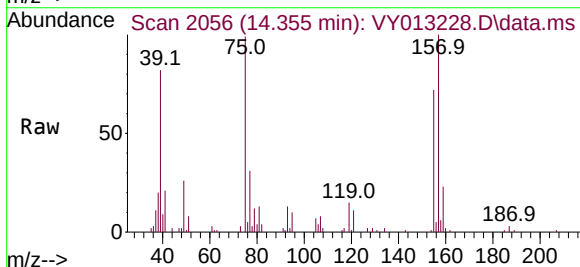
Tgt Ion: 75 Resp: 11494

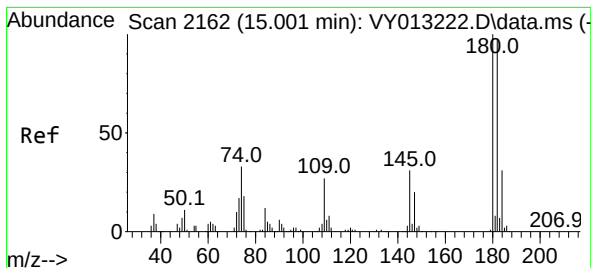
Ion Ratio Lower Upper

75 100

155 80.2 43.8 131.4

157 105.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 55.473 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

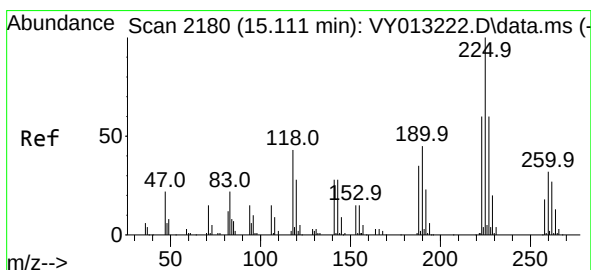
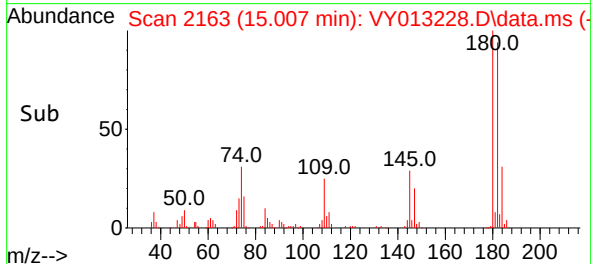
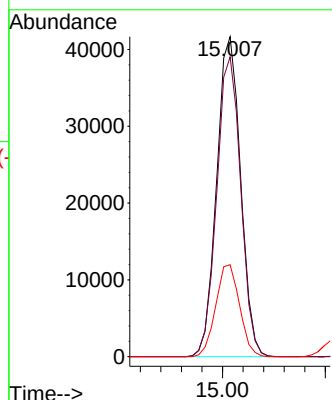
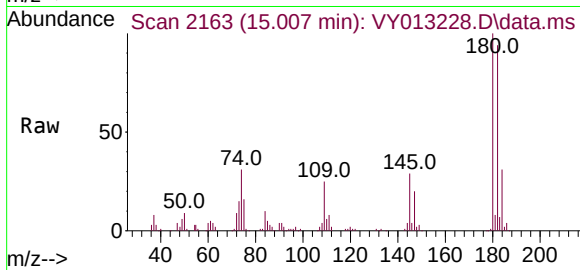
Tgt Ion:180 Resp: 67159

Ion Ratio Lower Upper

180 100

182 94.1 46.7 140.1

145 28.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 51.334 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

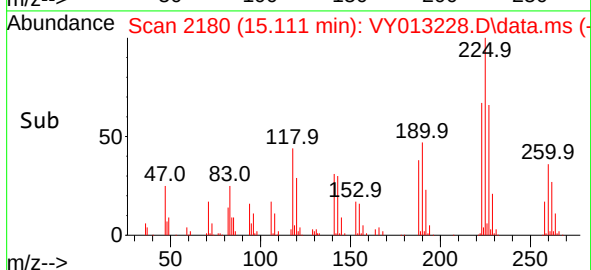
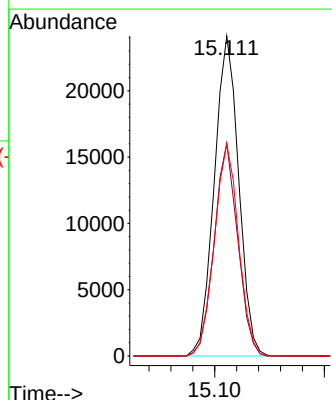
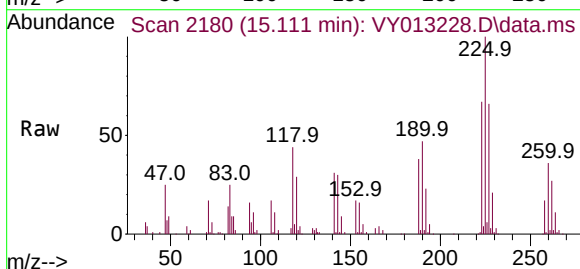
Tgt Ion:225 Resp: 37255

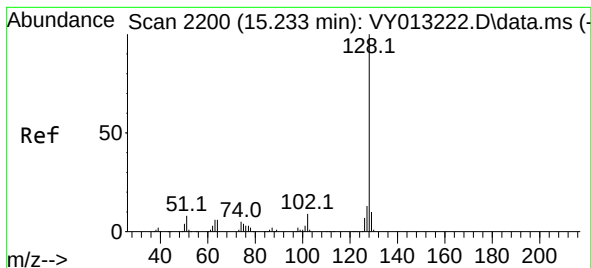
Ion Ratio Lower Upper

225 100

223 64.0 31.1 93.3

227 65.9 32.4 97.0





#95

Naphthalene

Concen: 57.047 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

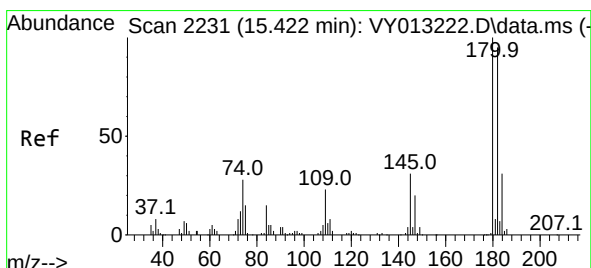
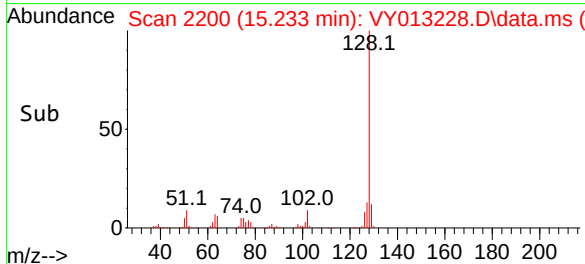
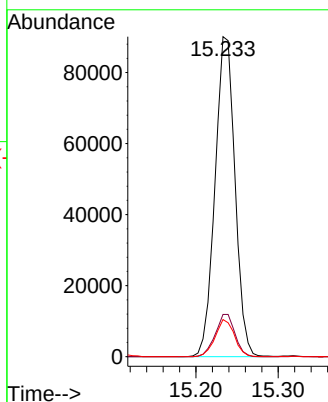
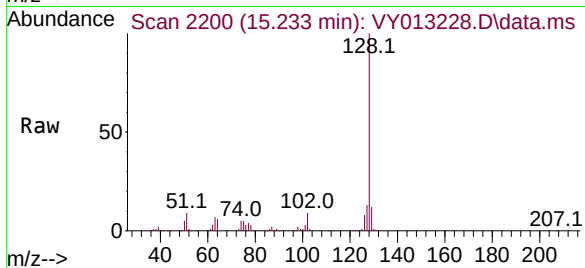
Tgt Ion:128 Resp: 152468

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.383 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013228.D

Acq: 10 Apr 2023 15:18

Tgt Ion:180 Resp: 61218

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 30.6 15.3 45.8

