

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009428.D
 Acq On : 05 Jul 2022 10:54
 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: Jul 06 04:46:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	159773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	256010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61310	47.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.820%
35) Dibromofluoromethane	7.710	113	69189	49.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.200%
50) Toluene-d8	10.173	98	216121	50.027	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.477	95	107011	52.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	104.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53359	40.566	ug/l	97
3) Chloromethane	2.107	50	58295	40.731	ug/l	96
4) Vinyl Chloride	2.247	62	68377	41.300	ug/l	99
5) Bromomethane	2.644	94	44902	42.265	ug/l	97
6) Chloroethane	2.784	64	39192	44.397	ug/l	99
7) Trichlorofluoromethane	3.119	101	93676	42.646	ug/l	97
8) Diethyl Ether	3.521	74	38337	44.669	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	68087	43.242	ug/l	97
10) Methyl Iodide	4.082	142	83903	48.545	ug/l	89
11) Tert butyl alcohol	4.948	59	38598	171.524	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	61357	42.720	ug/l	92
13) Acrolein	3.717	56	23478	219.817	ug/l	96
14) Allyl chloride	4.473	41	119127	45.266	ug/l	91
15) Acrylonitrile	5.149	53	115280	237.107	ug/l	97
16) Acetone	3.936	43	114737	273.000	ug/l	91
17) Carbon Disulfide	4.186	76	157762	39.488	ug/l	99
18) Methyl Acetate	4.466	43	51953	47.574	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	202891	47.103	ug/l	98
20) Methylene Chloride	4.704	84	85347	43.595	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	75704	44.026	ug/l	86
22) Diisopropyl ether	6.112	45	275500	49.605	ug/l	93
23) Vinyl Acetate	6.051	43	884489	254.224	ug/l	96
24) 1,1-Dichloroethane	6.009	63	142564	45.656	ug/l #	98
25) 2-Butanone	6.978	43	167924	252.021	ug/l	96
26) 2,2-Dichloropropane	6.978	77	131062	44.347	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	92701	46.404	ug/l	90
28) Bromochloromethane	7.332	49	72525	54.091	ug/l	92
29) Tetrahydrofuran	7.338	42	103782	242.944	ug/l	95
30) Chloroform	7.502	83	147435	45.940	ug/l	99
31) Cyclohexane	7.777	56	123648	42.957	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	128937	44.864	ug/l	97
36) 1,1-Dichloropropene	7.911	75	110927	45.025	ug/l	98
37) Ethyl Acetate	7.064	43	69051	47.262	ug/l #	95
38) Carbon Tetrachloride	7.893	117	113818	44.199	ug/l	99
39) Methylcyclohexane	9.179	83	128870	44.197	ug/l	92
40) Benzene	8.155	78	328926	45.654	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	92873	112.518	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	95267	46.096	ug/l	92
43) Isopropyl Acetate	8.271	43	126274	47.075	ug/l #	94
44) Trichloroethene	8.935	130	89418	44.668	ug/l	99
45) 1,2-Dichloropropane	9.209	63	87937	48.185	ug/l	93
46) Dibromomethane	9.301	93	48089	45.996	ug/l	98
47) Bromodichloromethane	9.490	83	114239	46.140	ug/l	98
48) Methyl methacrylate	9.289	41	55254	47.782	ug/l #	88
49) 1,4-Dioxane	9.295	88	13662	937.436	ug/l	91
51) 4-Methyl-2-Pentanone	10.063	43	346319	250.404	ug/l	94
52) Toluene	10.240	92	216888	47.714	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	123628	49.916	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	138011	46.670	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	70529	50.704	ug/l	97
56) Ethyl methacrylate	10.508	69	96167	54.163	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	117755	47.787	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	265683	270.267	ug/l	98
59) 2-Hexanone	10.831	43	254578	266.465	ug/l	93
60) Dibromochloromethane	10.984	129	83441	47.401	ug/l	97
61) 1,2-Dibromoethane	11.087	107	65838	47.145	ug/l	100
64) Tetrachloroethene	10.715	164	94788	42.638	ug/l	96
65) Chlorobenzene	11.514	112	234044	45.807	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	88639	47.295	ug/l	97
67) Ethyl Benzene	11.593	91	423506	47.780	ug/l	99
68) m/p-Xylenes	11.703	106	329821	93.058	ug/l	92
69) o-Xylene	12.026	106	157239	47.011	ug/l	92
70) Styrene	12.044	104	266252	48.045	ug/l	95
71) Bromoform	12.209	173	57224	48.593	ug/l #	97
73) Isopropylbenzene	12.331	105	422905	46.371	ug/l	99
74) N-amyl acetate	12.142	43	111788	46.729	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	82065	46.453	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	112959	78.120	ug/l #	100
77) Bromobenzene	12.605	156	100490	46.223	ug/l	96
78) n-propylbenzene	12.666	91	512634	46.209	ug/l	98
79) 2-Chlorotoluene	12.752	91	285637	45.614	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	354282	46.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	30525	47.002	ug/l #	85
82) 4-Chlorotoluene	12.855	91	299746	46.062	ug/l	98
83) tert-Butylbenzene	13.075	119	309808	48.349	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	344938	47.595	ug/l	97
85) sec-Butylbenzene	13.251	105	465288	48.211	ug/l	99
86) p-Isopropyltoluene	13.367	119	382991	47.191	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	196101	45.657	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	195103	44.144	ug/l	99
89) n-Butylbenzene	13.696	91	359231	47.109	ug/l	98
90) Hexachloroethane	13.959	117	74226	46.130	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	177943	45.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13806	46.629	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	104261	45.088	ug/l	99
94) Hexachlorobutadiene	15.111	225	56812	43.765	ug/l	97
95) Naphthalene	15.233	128	214978	46.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	90786	45.190	ug/l	99

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QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration

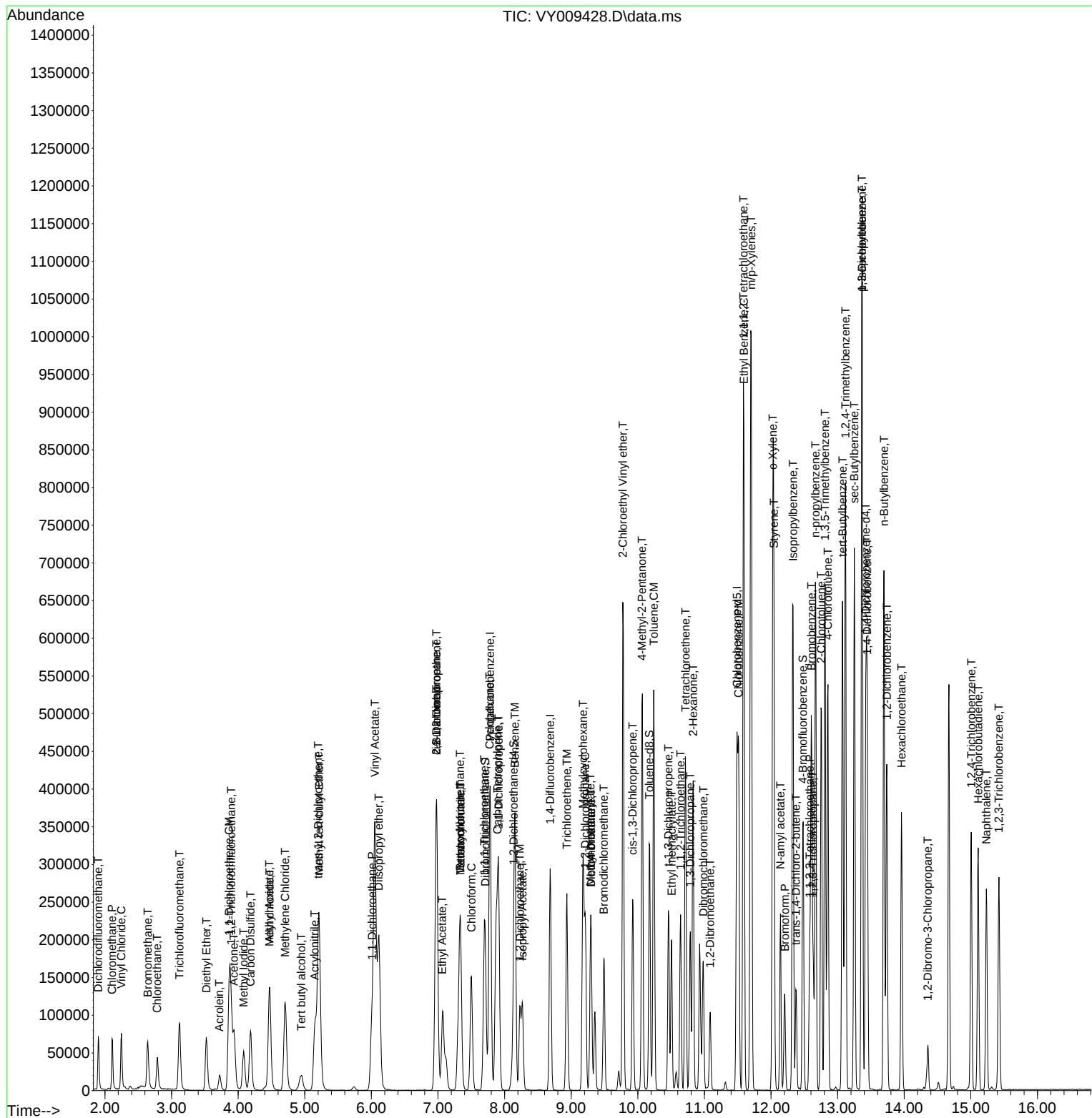
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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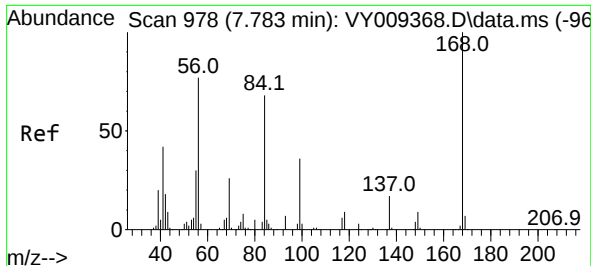
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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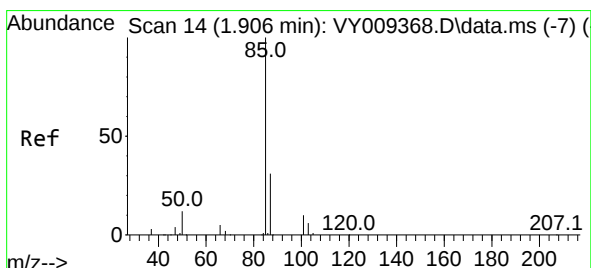
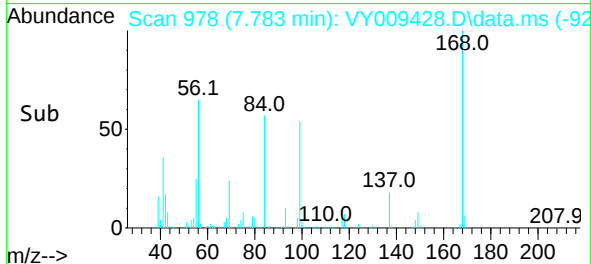
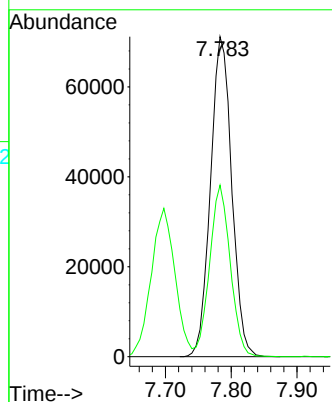
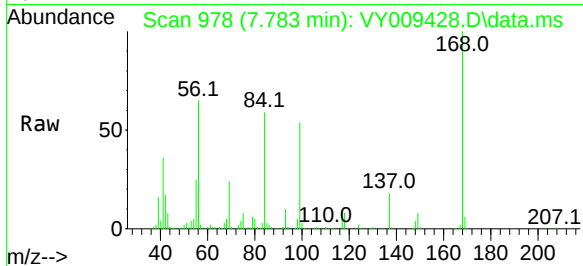




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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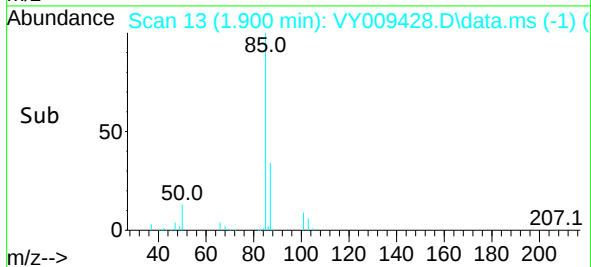
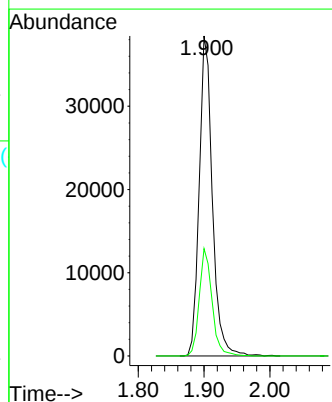
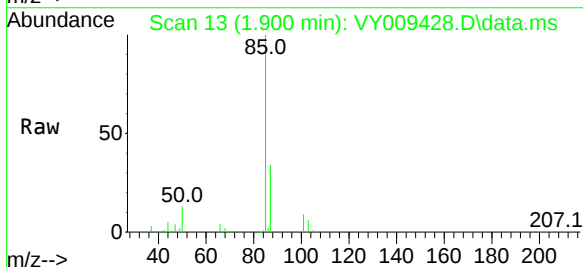
Instrument :
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VSTDCCC050

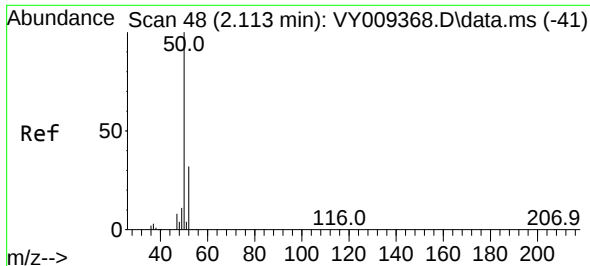
Tgt Ion:168 Resp: 159773
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 40.566 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 85 Resp: 53359
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.2

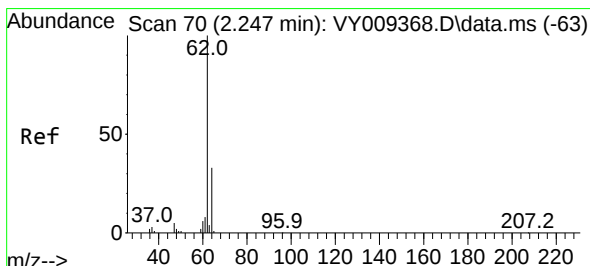
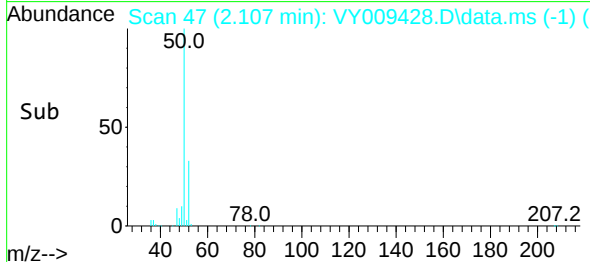
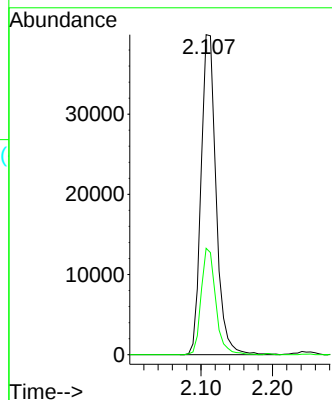
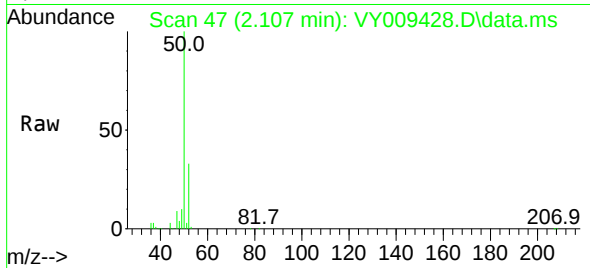




#3
Chloromethane
Concen: 40.731 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

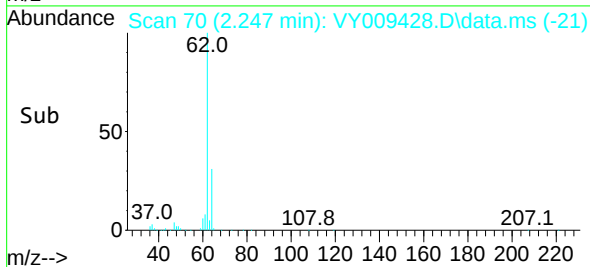
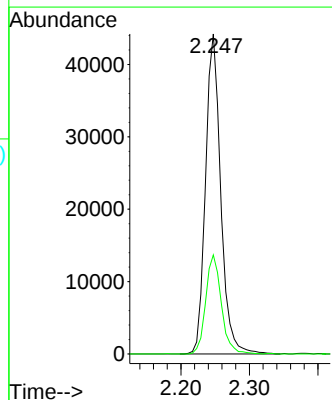
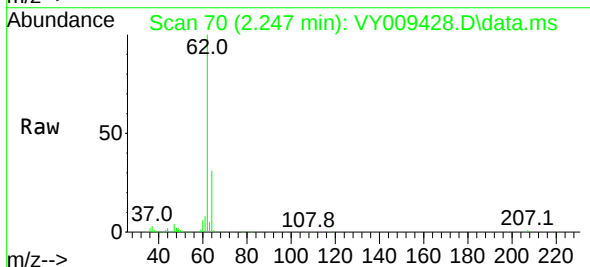
Instrument :
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ClientSampleId :
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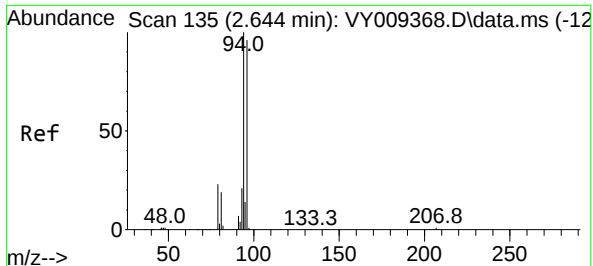
Tgt Ion: 50 Resp: 58295
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0



#4
Vinyl Chloride
Concen: 41.300 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 62 Resp: 68377
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.6

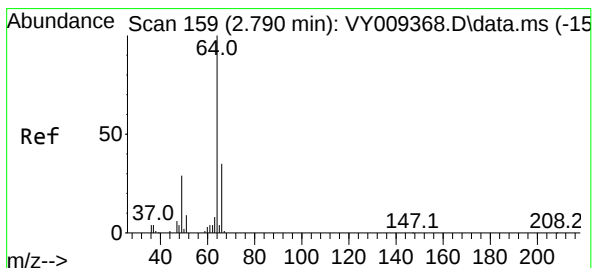
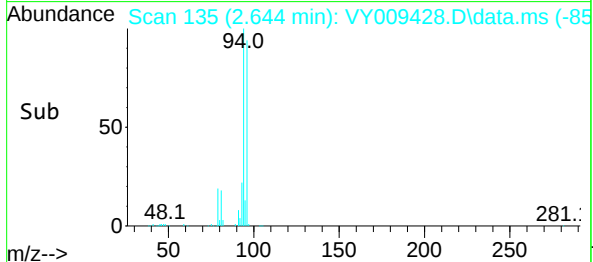
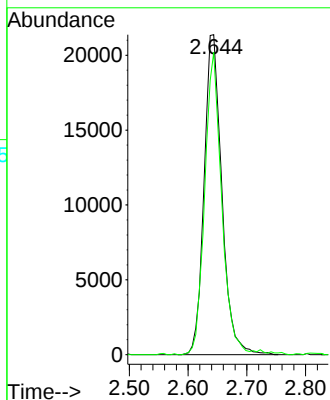
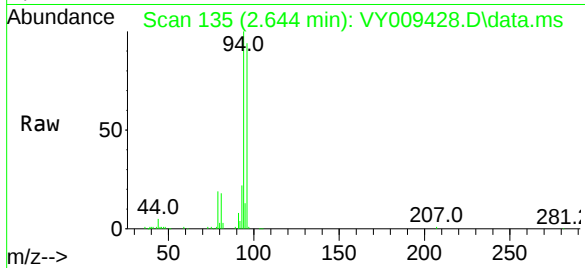




#5
Bromomethane
Concen: 42.265 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY009428.D
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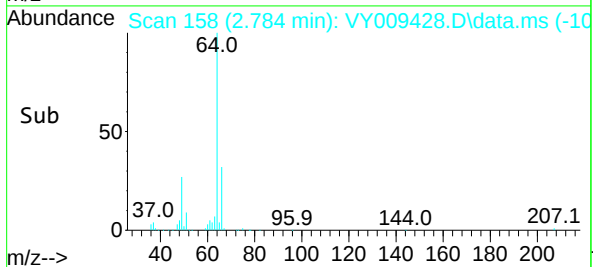
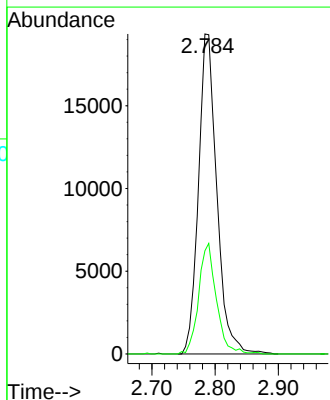
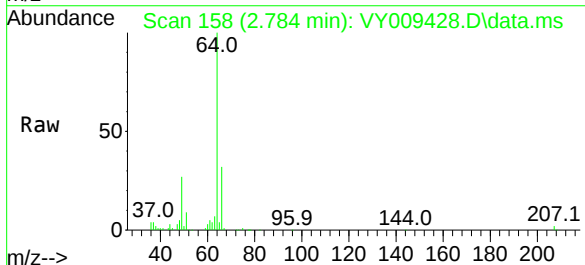
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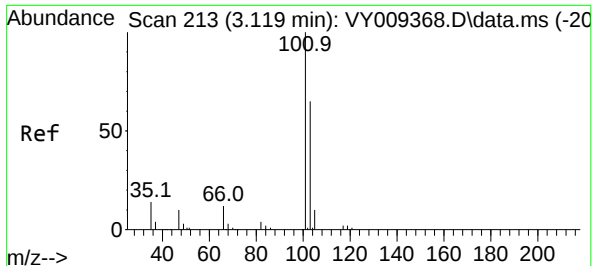
Tgt Ion: 94 Resp: 44902
Ion Ratio Lower Upper
94 100
96 94.5 73.5 110.3



#6
Chloroethane
Concen: 44.397 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009428.D
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Tgt Ion: 64 Resp: 39192
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.0

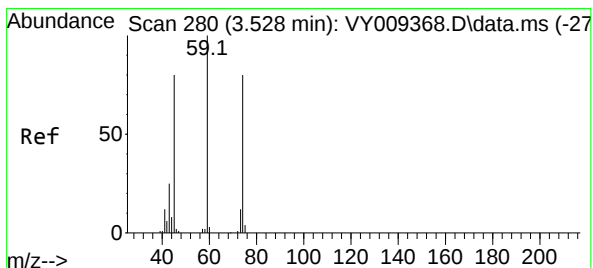
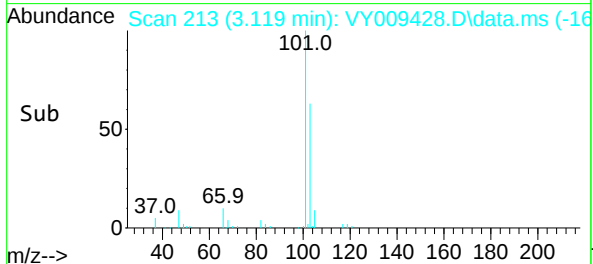
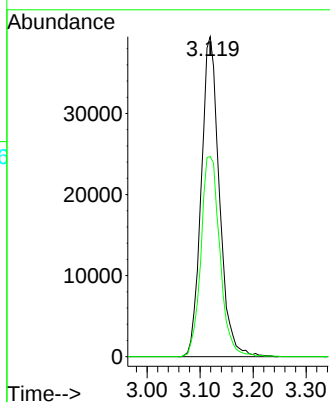
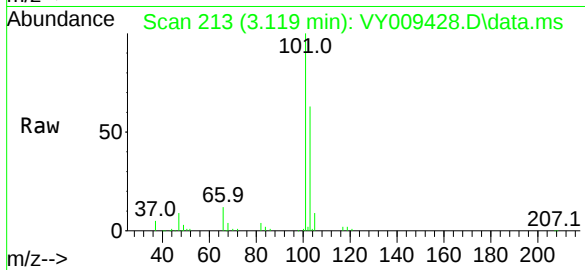




#7
Trichlorofluoromethane
Concen: 42.646 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

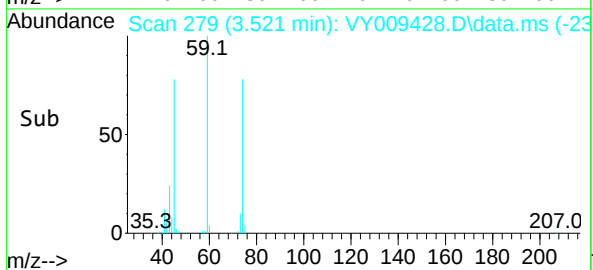
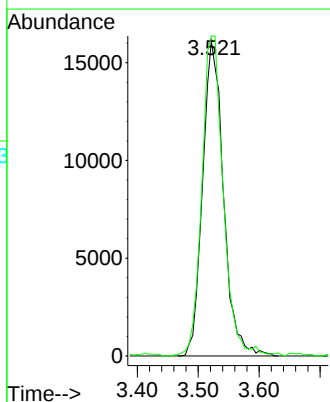
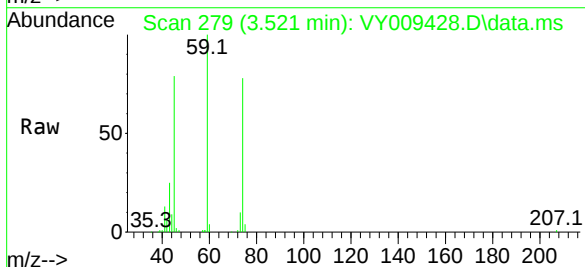
Instrument :
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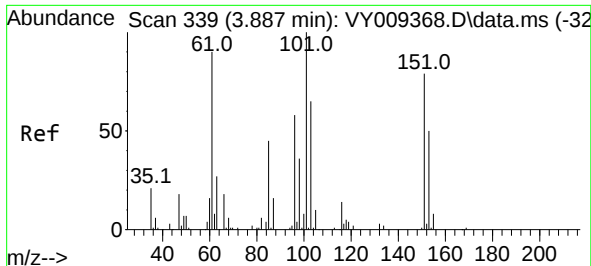
Tgt Ion:101 Resp: 93676
Ion Ratio Lower Upper
101 100
103 62.6 48.0 72.0



#8
Diethyl Ether
Concen: 44.669 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 74 Resp: 38337
Ion Ratio Lower Upper
74 100
45 104.4 55.1 165.5

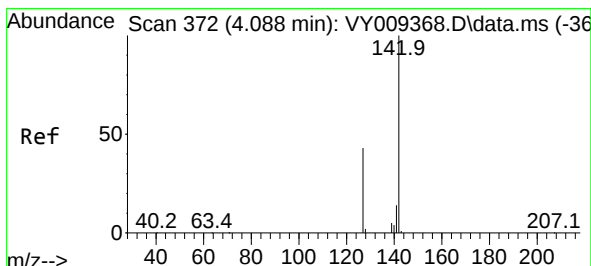
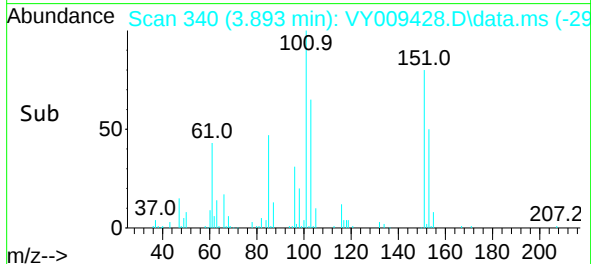
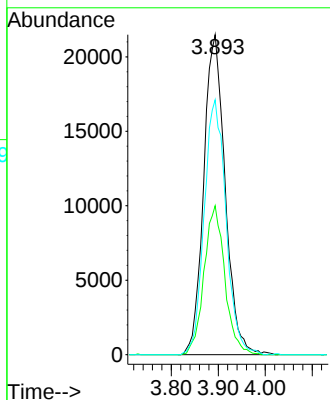
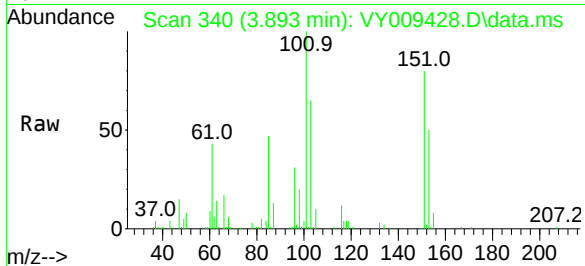




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.242 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

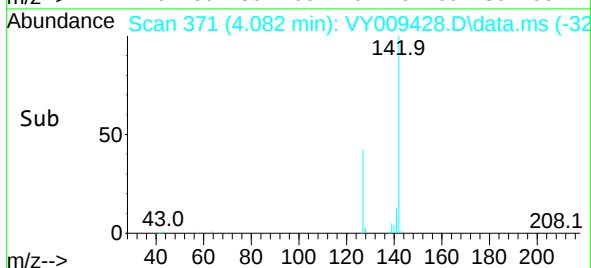
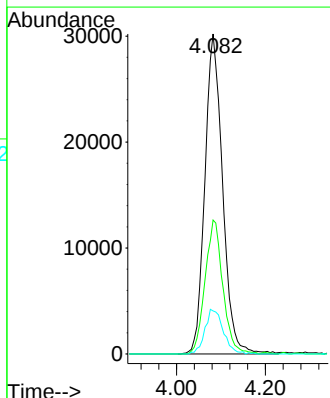
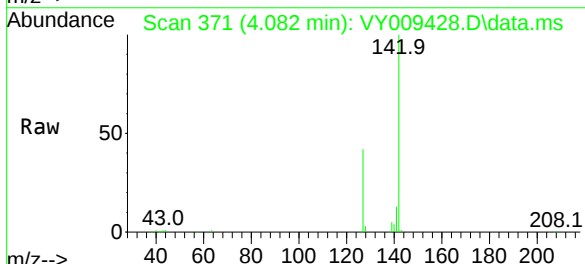
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

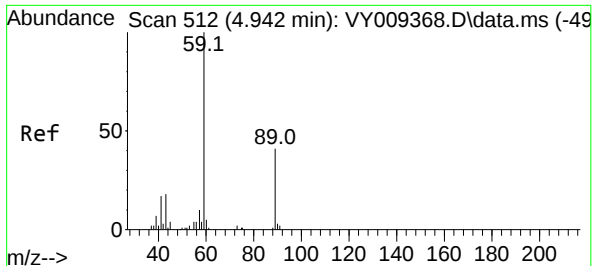
Tgt Ion:101 Resp: 68087
Ion Ratio Lower Upper
101 100
85 45.1 40.6 60.8
151 81.1 64.9 97.3



#10
Methyl Iodide
Concen: 48.545 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion:142 Resp: 83903
Ion Ratio Lower Upper
142 100
127 42.0 41.5 62.3
141 14.4 11.9 17.9

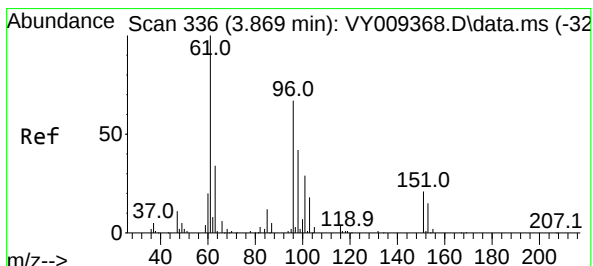
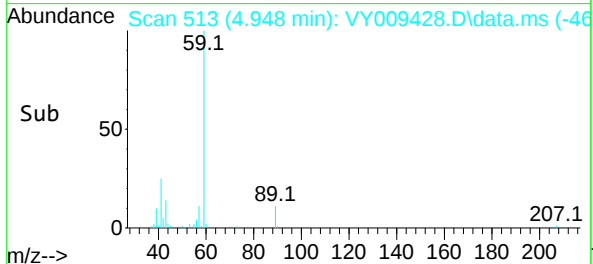
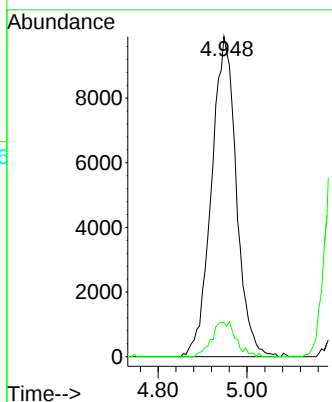
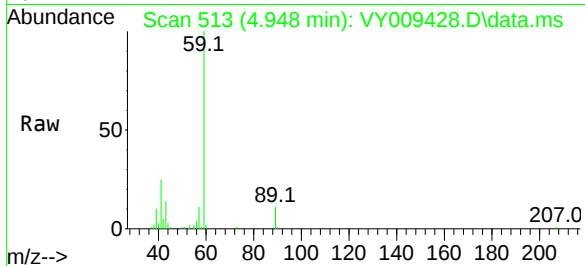




#11
Tert butyl alcohol
Concen: 171.524 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

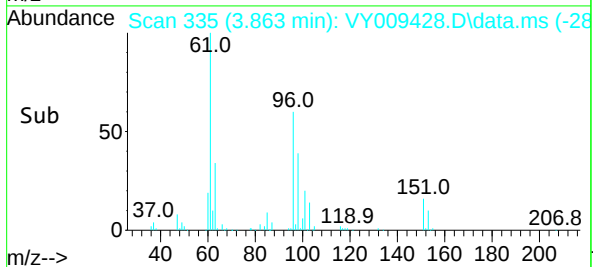
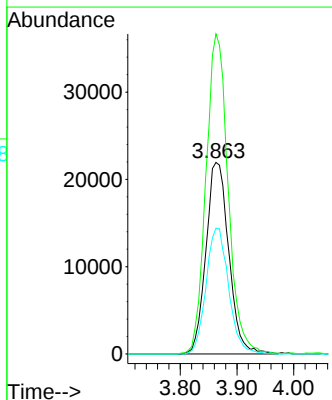
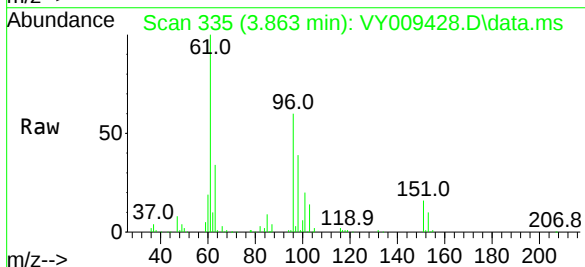
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

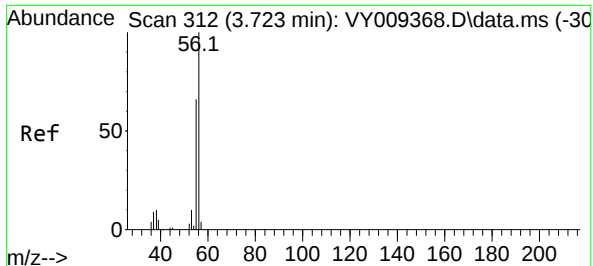
Tgt Ion: 59 Resp: 38598
Ion Ratio Lower Upper
59 100
57 10.6 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 42.720 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 96 Resp: 61357
Ion Ratio Lower Upper
96 100
61 167.1 145.8 218.6
98 65.7 52.5 78.7





#13

Acrolein

Concen: 219.817 ug/l

RT: 3.717 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

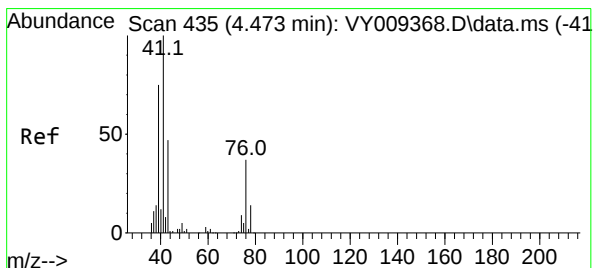
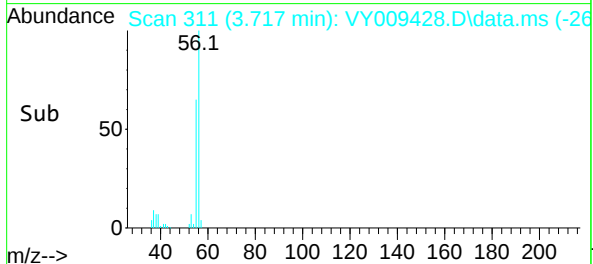
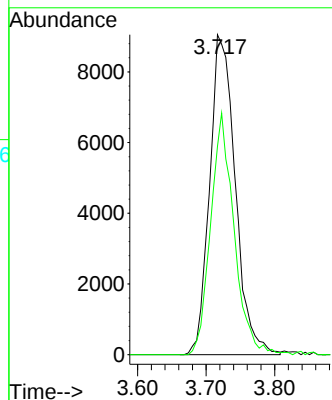
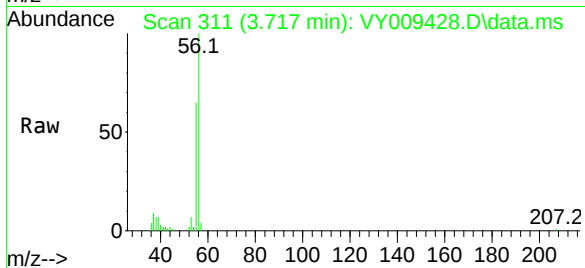
VSTDCCC050

Tgt Ion: 56 Resp: 23478

Ion Ratio Lower Upper

56 100

55 69.1 57.6 86.4



#14

Allyl chloride

Concen: 45.266 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

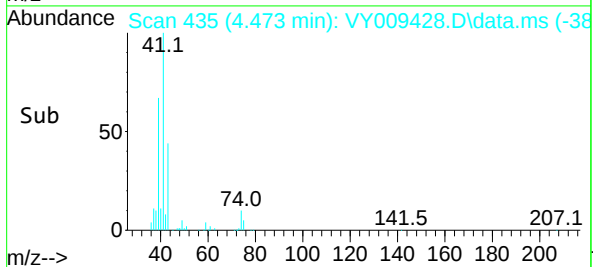
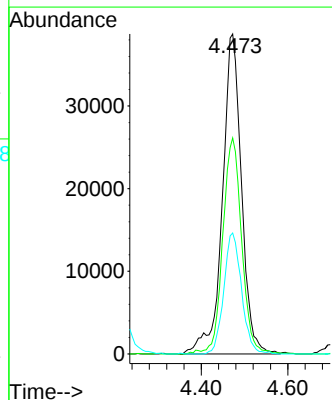
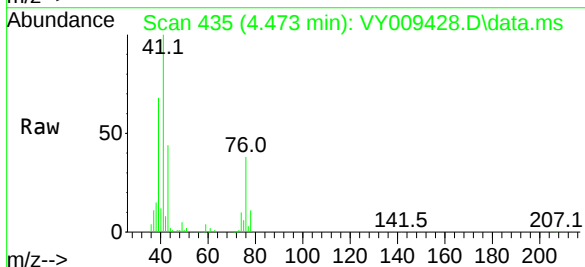
Tgt Ion: 41 Resp: 119127

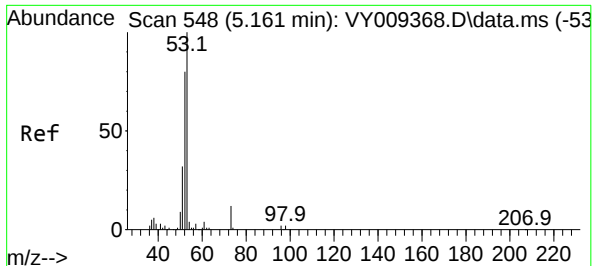
Ion Ratio Lower Upper

41 100

39 65.4 58.8 88.2

76 35.2 25.1 37.7

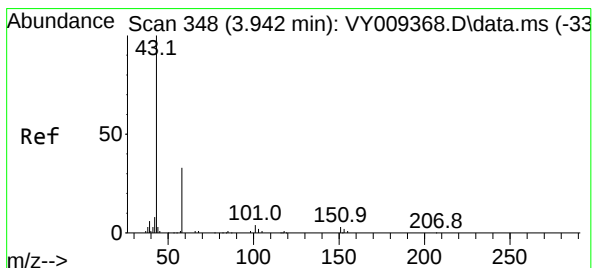
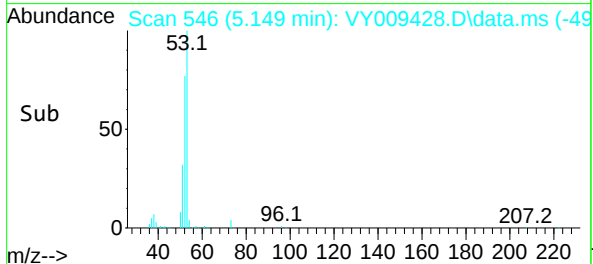
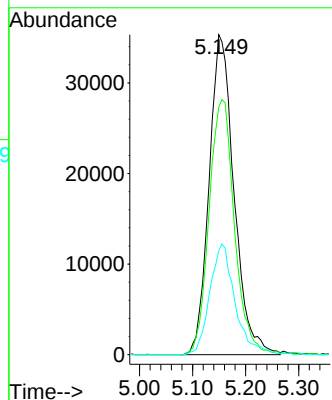
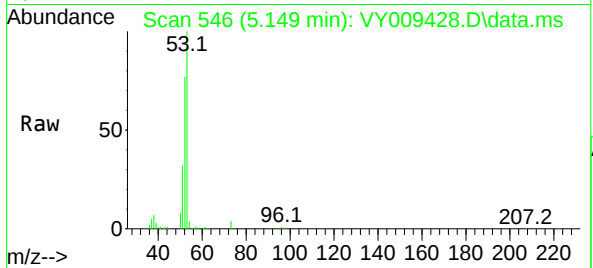




#15
Acrylonitrile
Concen: 237.107 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

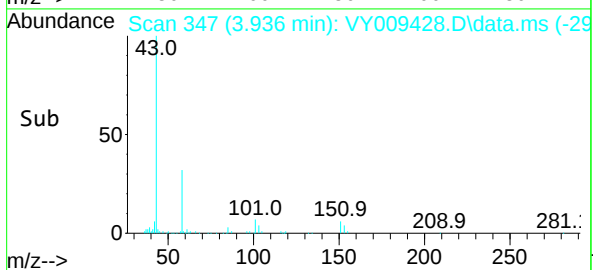
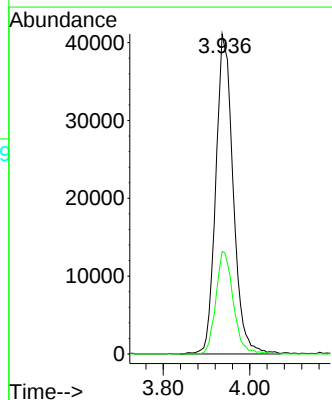
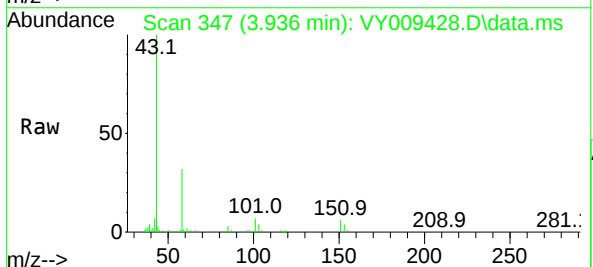
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

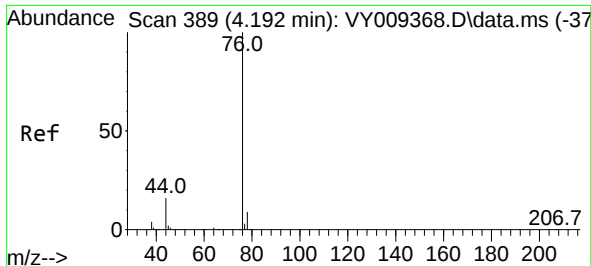
Tgt Ion: 53 Resp: 115280
Ion Ratio Lower Upper
53 100
52 81.2 67.0 100.4
51 35.1 29.8 44.6



#16
Acetone
Concen: 273.000 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 43 Resp: 114737
Ion Ratio Lower Upper
43 100
58 32.0 22.0 33.0

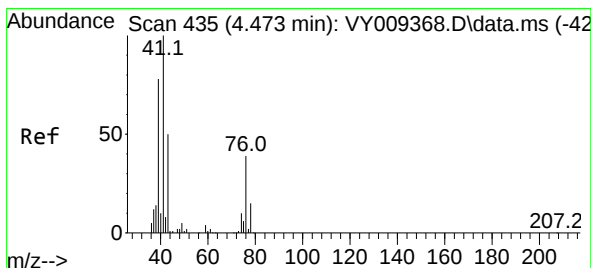
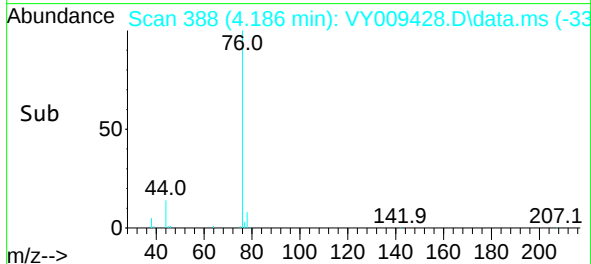
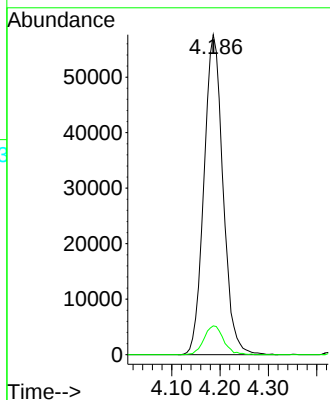
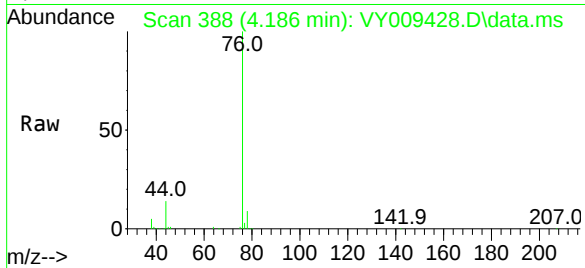




#17
Carbon Disulfide
Concen: 39.488 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

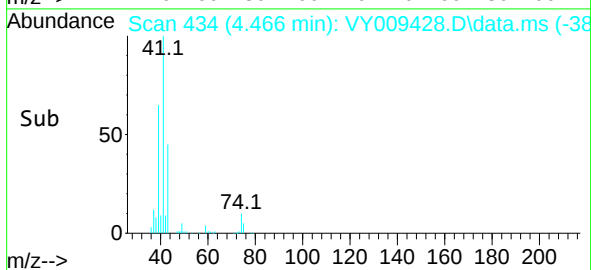
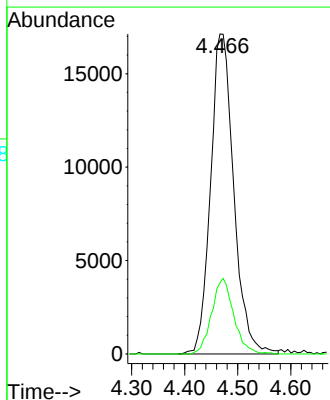
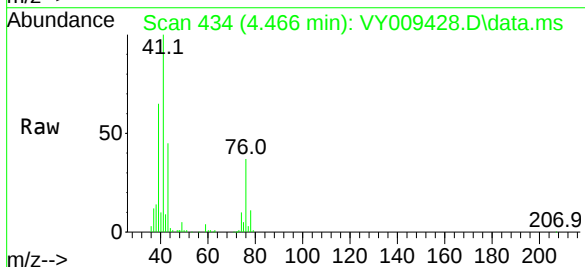
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

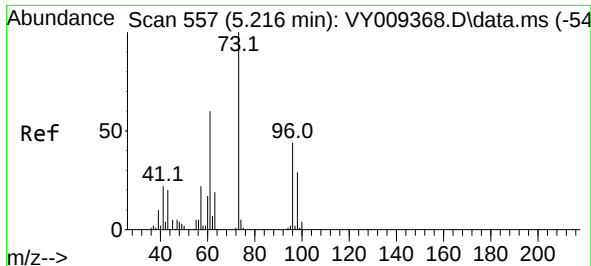
Tgt Ion: 76 Resp: 157762
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 47.574 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 43 Resp: 51953
Ion Ratio Lower Upper
43 100
74 22.4 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 47.103 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

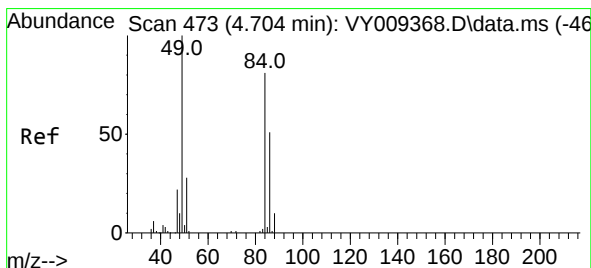
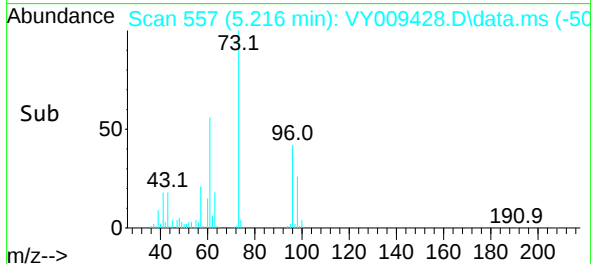
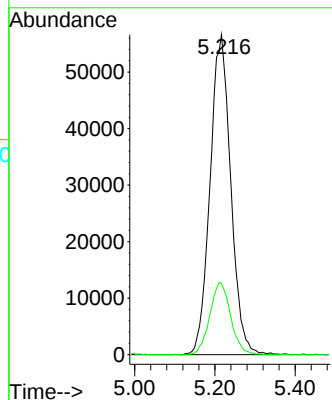
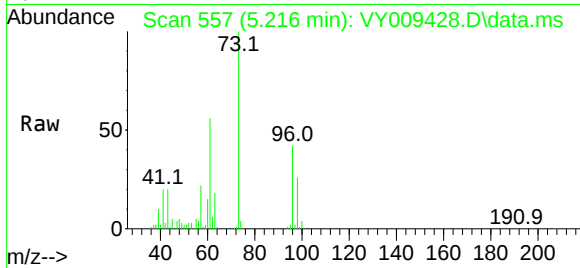
VSTDCCC050

Tgt Ion: 73 Resp: 202891

Ion Ratio Lower Upper

73 100

57 22.3 18.6 27.8



#20

Methylene Chloride

Concen: 43.595 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Tgt Ion: 84 Resp: 85347

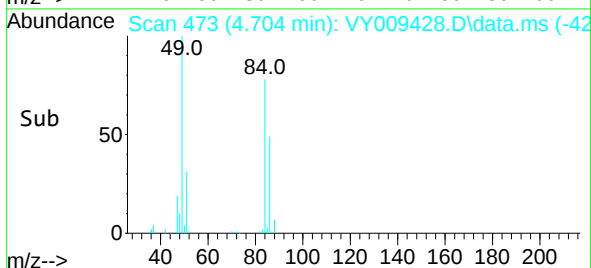
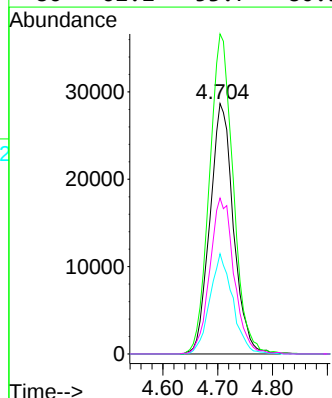
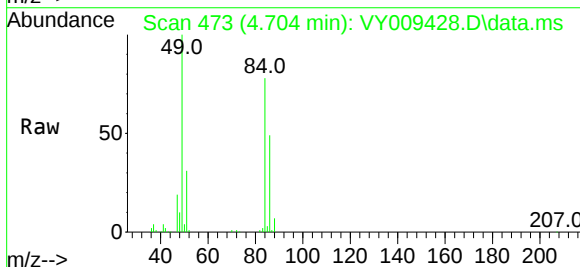
Ion Ratio Lower Upper

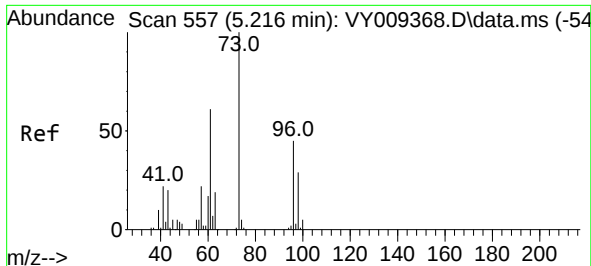
84 100

49 127.8 114.4 171.6

51 40.0 35.3 52.9

86 62.2 53.7 80.5

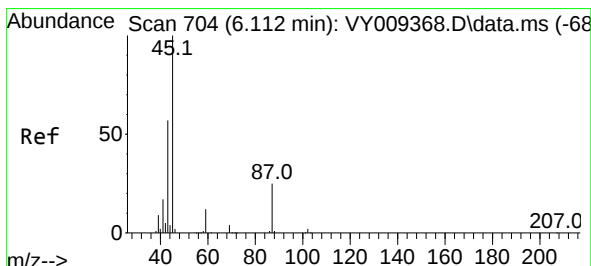
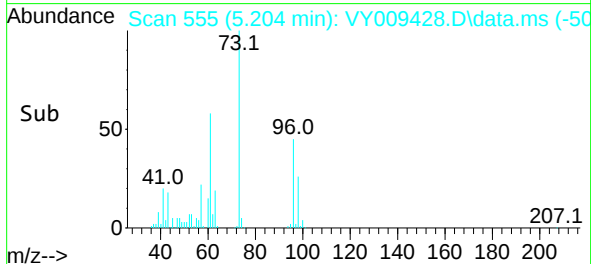
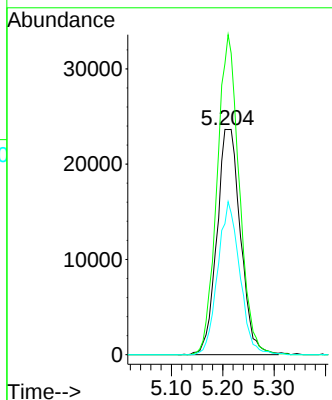
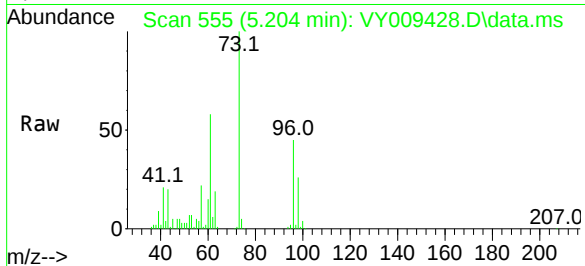




#21
trans-1,2-Dichloroethene
Concen: 44.026 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

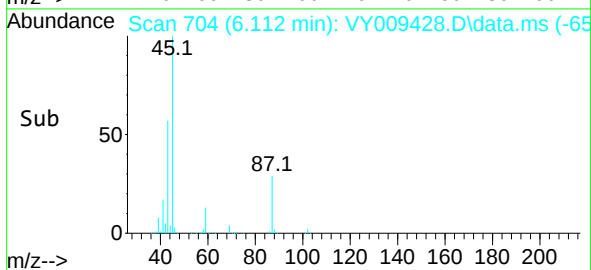
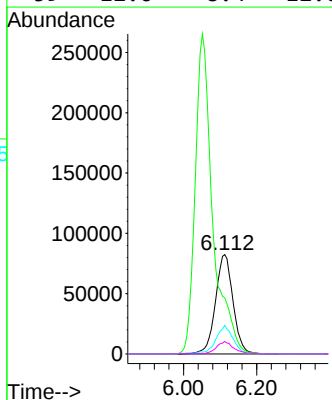
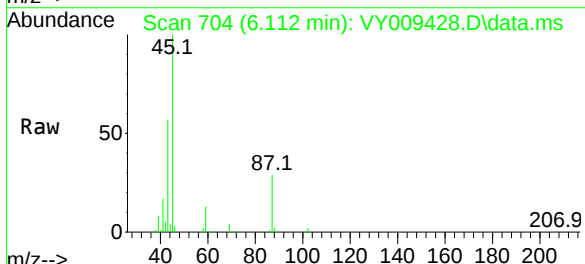
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

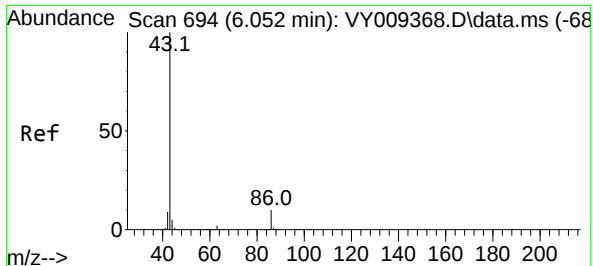
Tgt Ion: 96 Resp: 75704
Ion Ratio Lower Upper
96 100
61 129.1 120.5 180.7
98 58.1 49.8 74.8



#22
Diisopropyl ether
Concen: 49.605 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 45 Resp: 275500
Ion Ratio Lower Upper
45 100
43 56.3 49.3 73.9
87 28.7 19.2 28.8
59 12.6 8.4 12.6

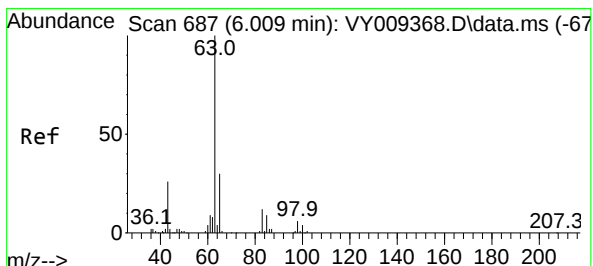
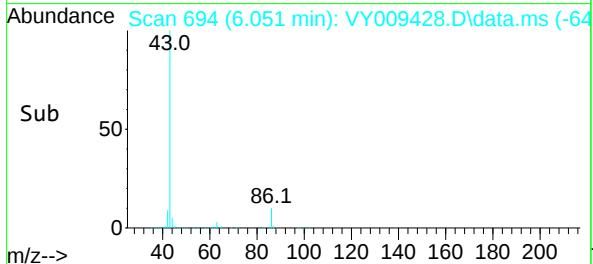
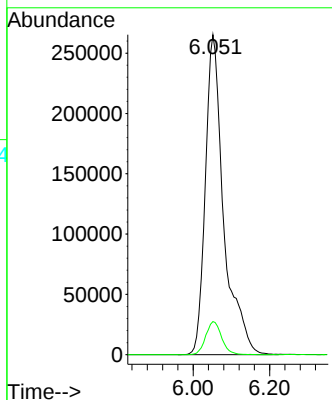
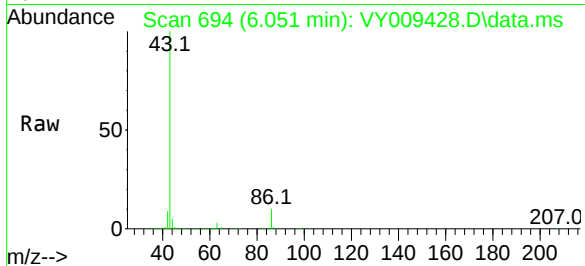




#23
 Vinyl Acetate
 Concen: 254.224 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009428.D
 Acq: 05 Jul 2022 10:54

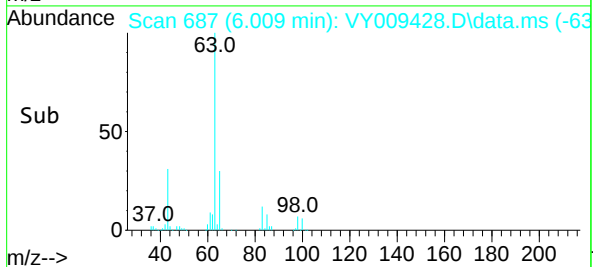
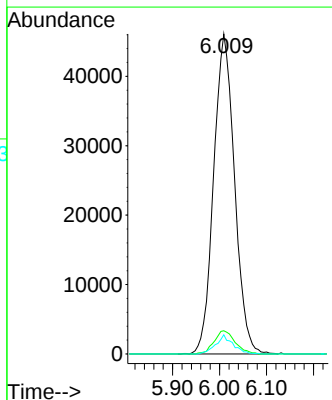
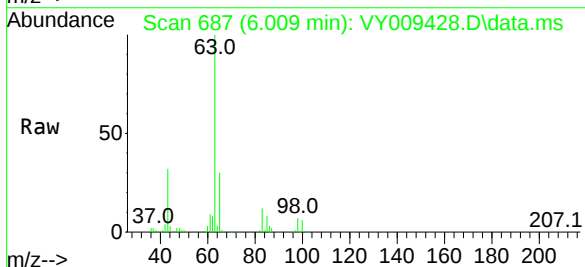
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

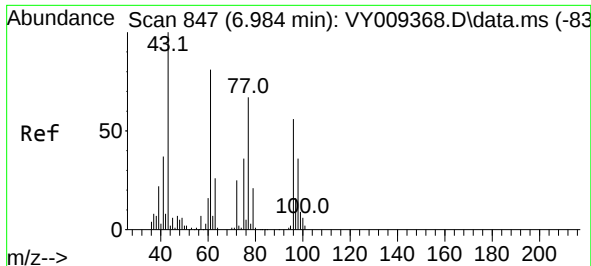
Tgt Ion: 43 Resp: 884489
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 45.656 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009428.D
 Acq: 05 Jul 2022 10:54

Tgt Ion: 63 Resp: 142564
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 6.0 2.0 5.8#





#25

2-Butanone

Concen: 252.021 ug/l

RT: 6.978 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

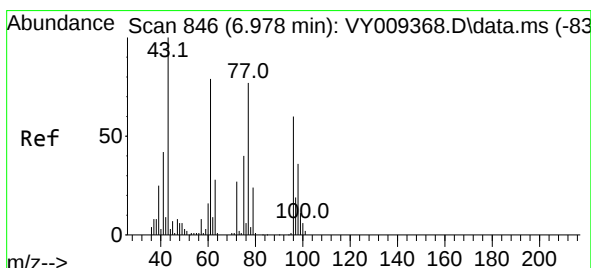
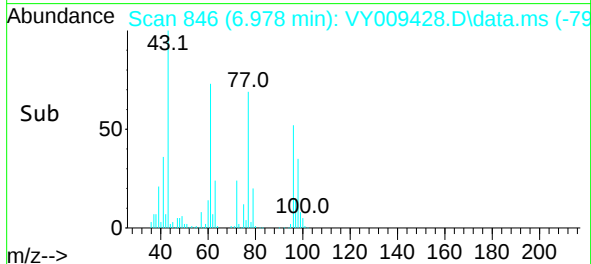
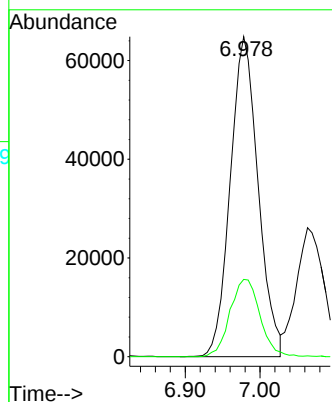
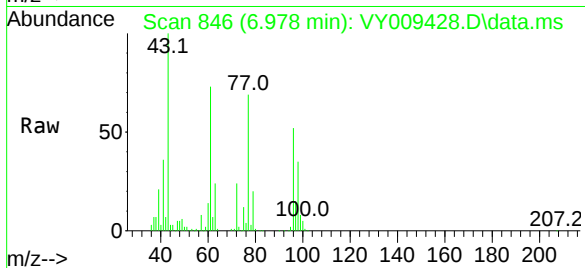
VSTDCCC050

Tgt Ion: 43 Resp: 167924

Ion Ratio Lower Upper

43 100

72 24.2 17.7 26.5



#26

2,2-Dichloropropane

Concen: 44.347 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009428.D

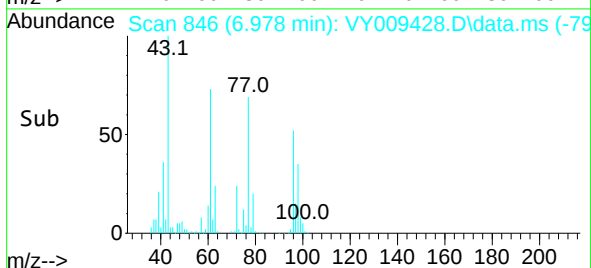
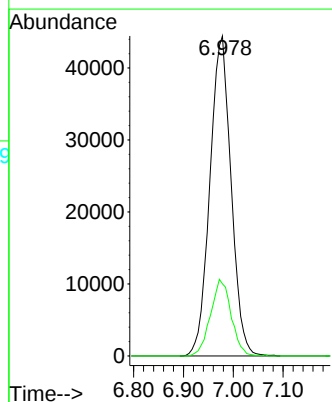
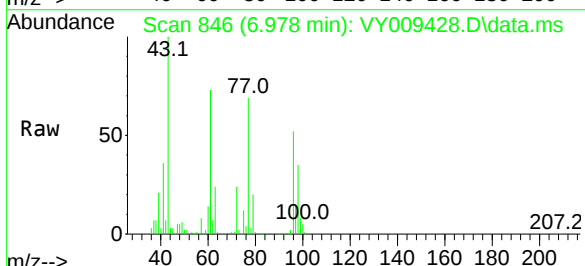
Acq: 05 Jul 2022 10:54

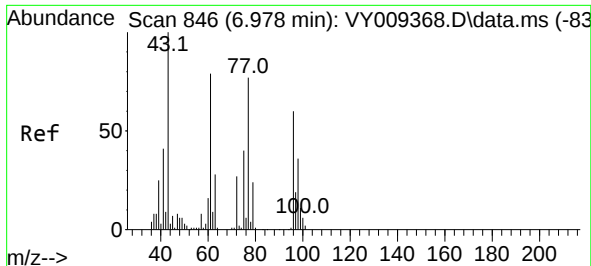
Tgt Ion: 77 Resp: 131062

Ion Ratio Lower Upper

77 100

97 23.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 46.404 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

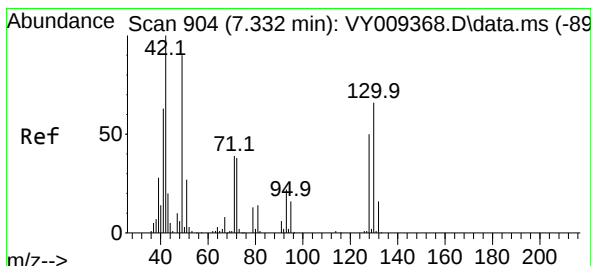
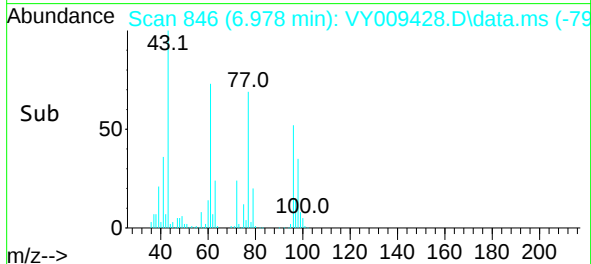
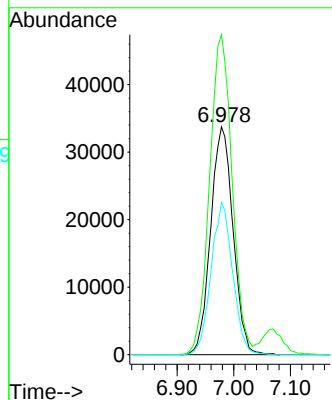
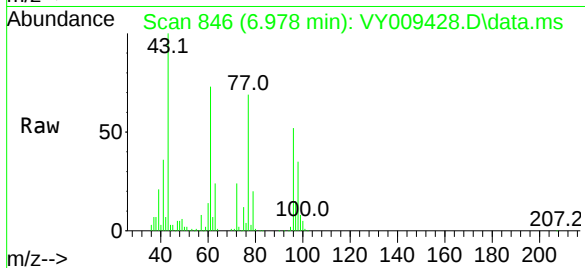
Tgt Ion: 96 Resp: 92701

Ion Ratio Lower Upper

96 100

61 141.1 0.0 319.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 54.091 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

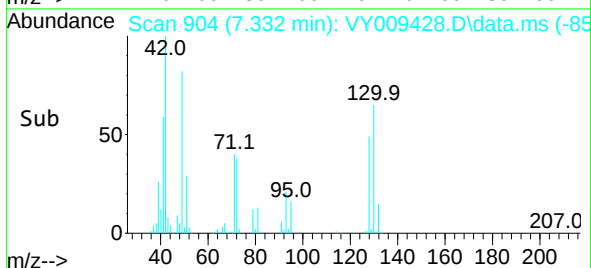
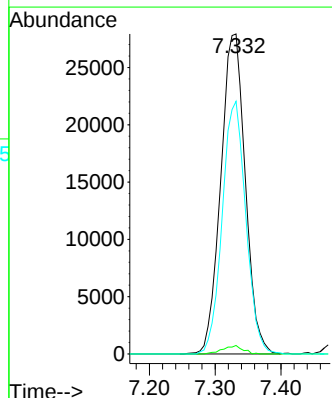
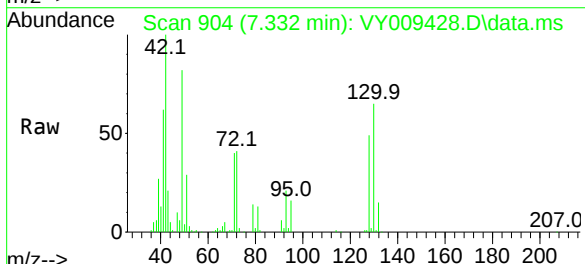
Tgt Ion: 49 Resp: 72525

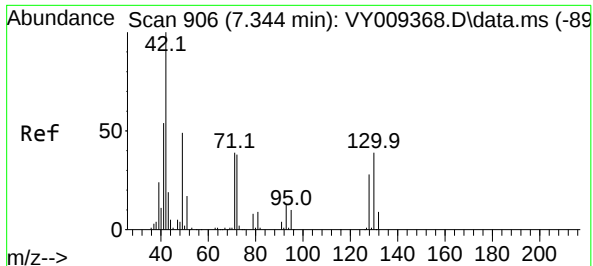
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2

130 75.9 55.4 83.0





#29

Tetrahydrofuran

Concen: 242.944 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

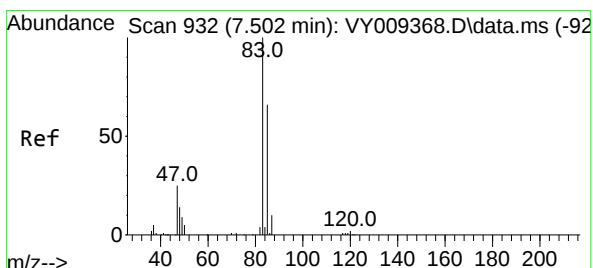
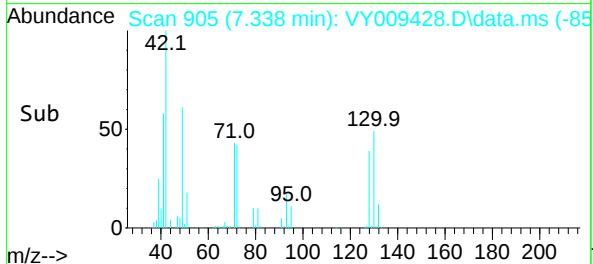
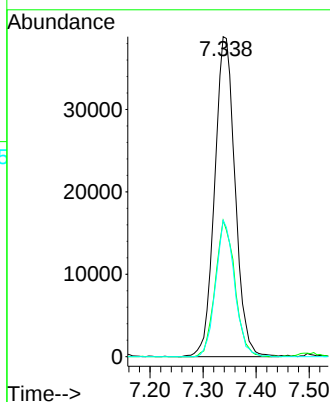
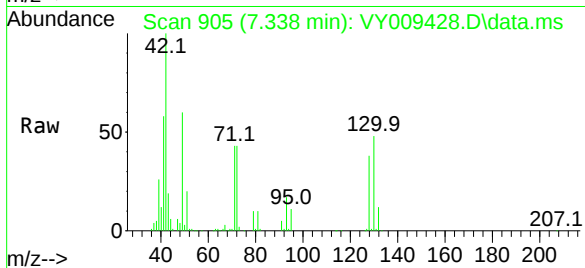
Tgt Ion: 42 Resp: 103782

Ion Ratio Lower Upper

42 100

72 40.9 30.3 45.5

71 39.7 29.0 43.4



#30

Chloroform

Concen: 45.940 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY009428.D

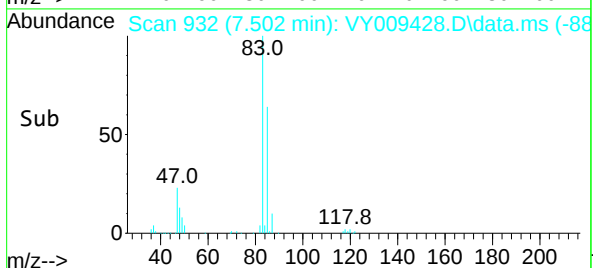
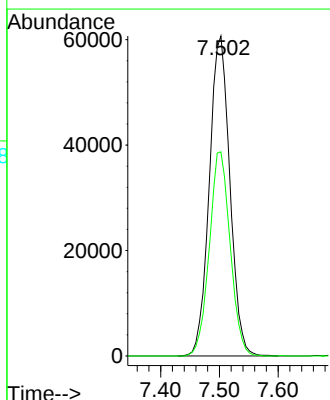
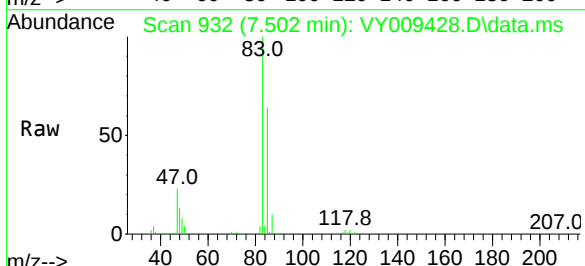
Acq: 05 Jul 2022 10:54

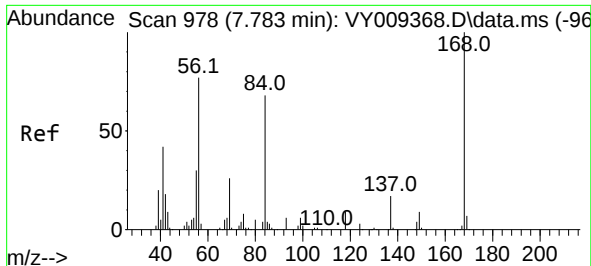
Tgt Ion: 83 Resp: 147435

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

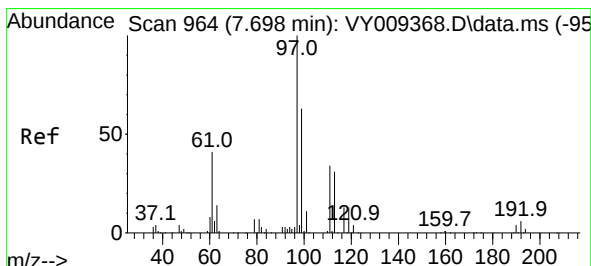
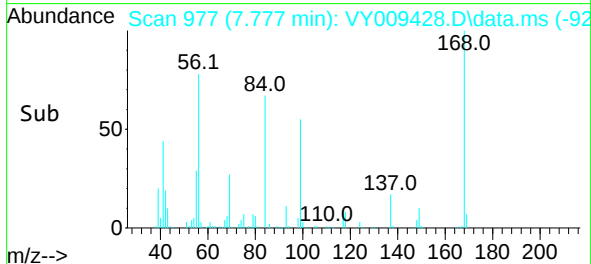
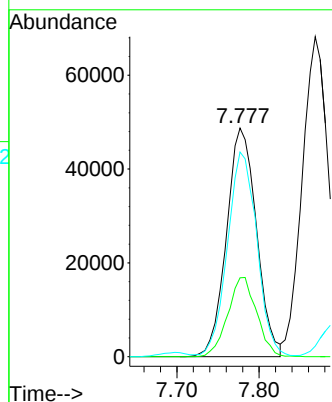
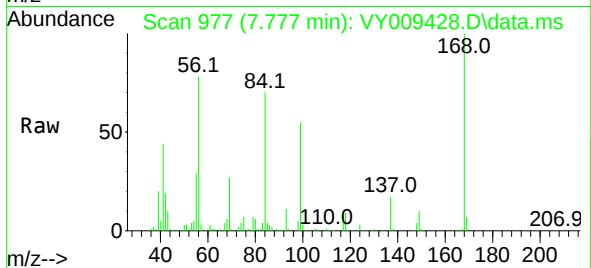




#31
Cyclohexane
Concen: 42.957 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

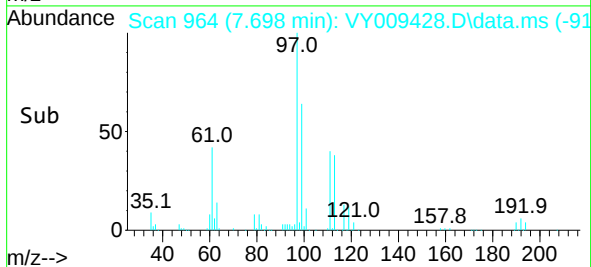
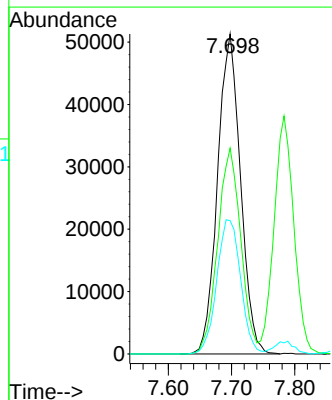
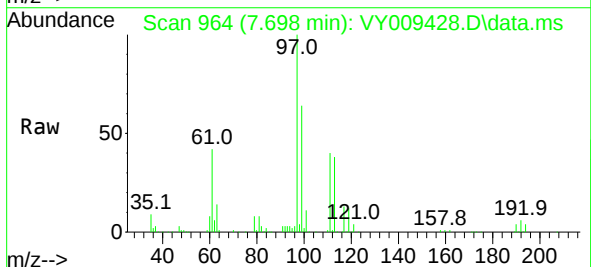
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

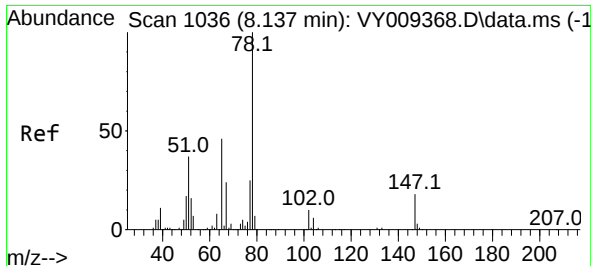
Tgt Ion: 56 Resp: 123648
Ion Ratio Lower Upper
56 100
69 34.5 26.7 40.1
84 87.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 44.864 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 97 Resp: 128937
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 43.7 37.6 56.4

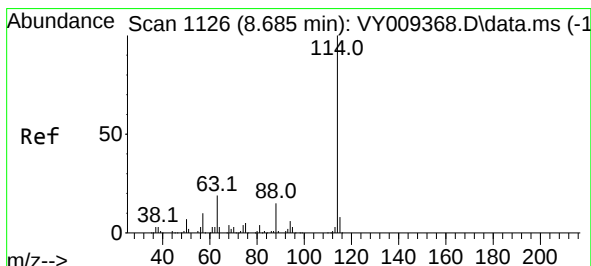
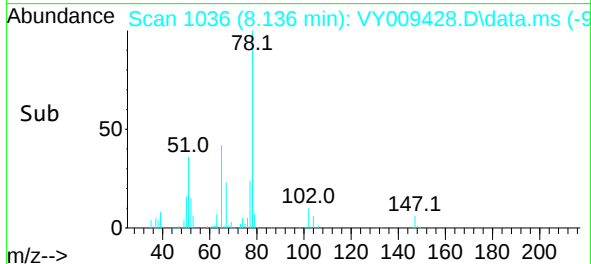
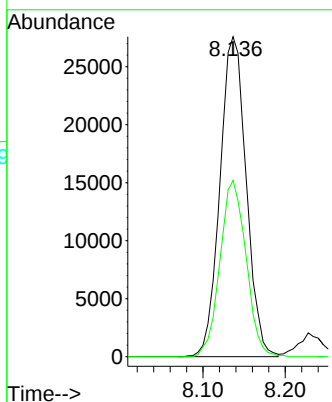
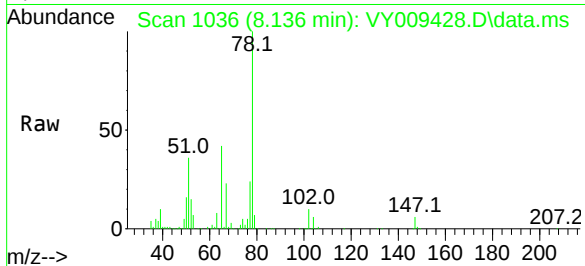




#33
 1,2-Dichloroethane-d4
 Concen: 47.909 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009428.D
 Acq: 05 Jul 2022 10:54

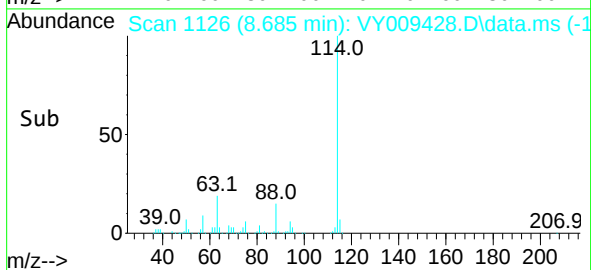
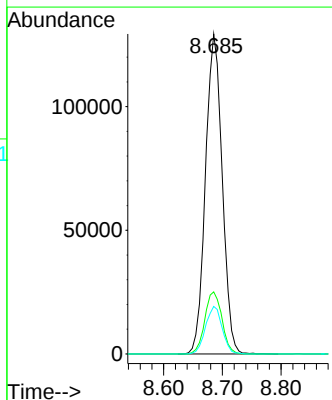
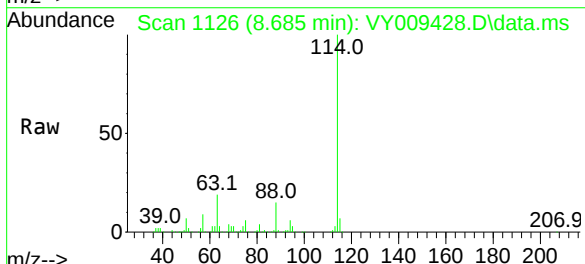
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

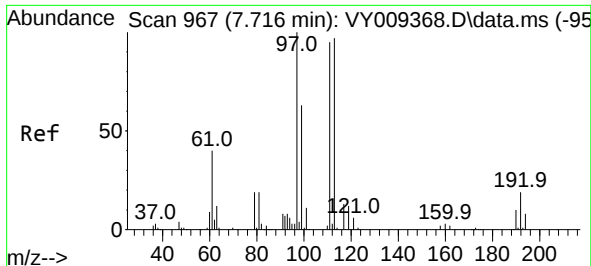
Tgt Ion: 65 Resp: 61310
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009428.D
 Acq: 05 Jul 2022 10:54

Tgt Ion: 114 Resp: 256010
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.2
 88 14.8 0.0 31.8

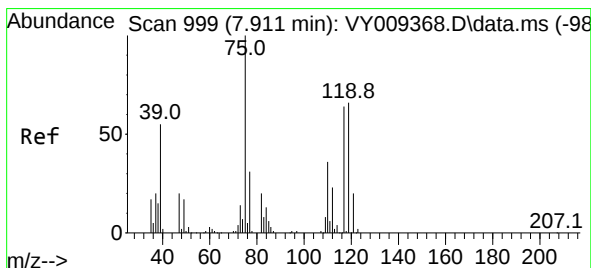
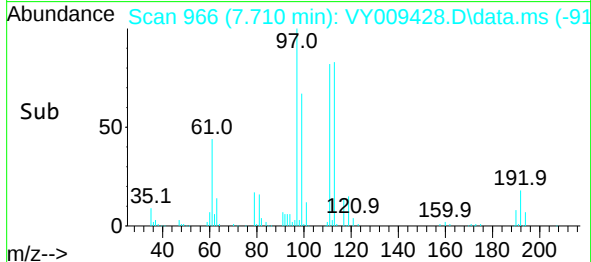
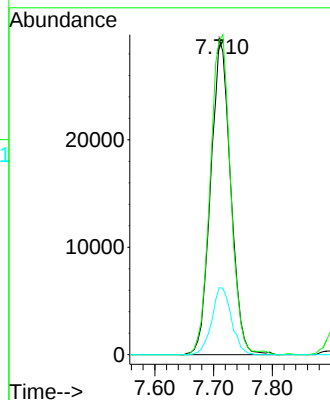
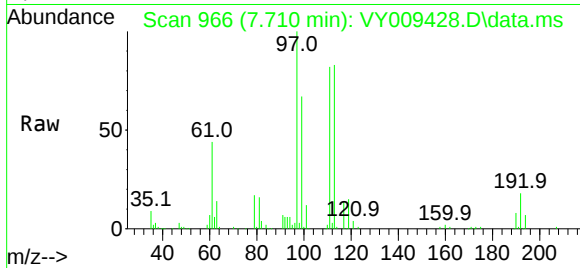




#35
Dibromofluoromethane
Concen: 49.104 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

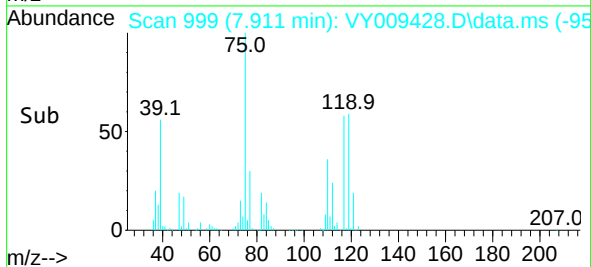
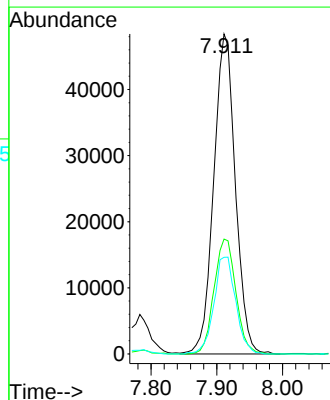
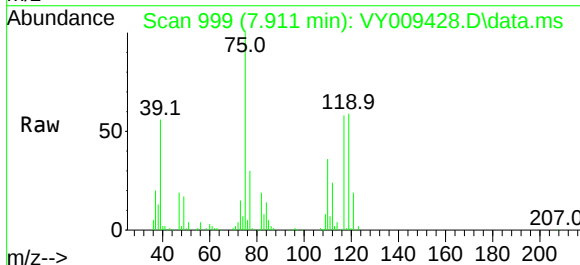
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

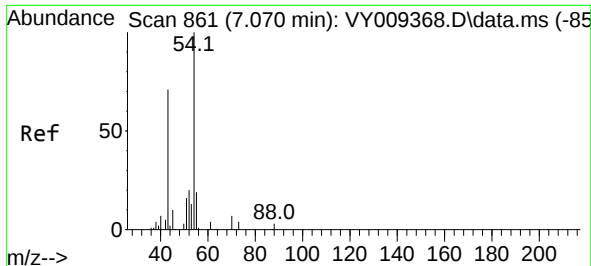
Tgt Ion:113 Resp: 69189
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 20.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 45.025 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 75 Resp: 110927
Ion Ratio Lower Upper
75 100
110 36.2 17.1 51.2
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 47.262 ug/l

RT: 7.064 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

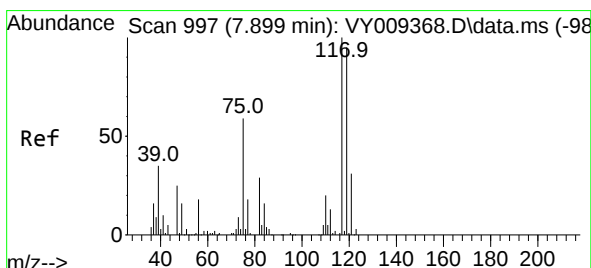
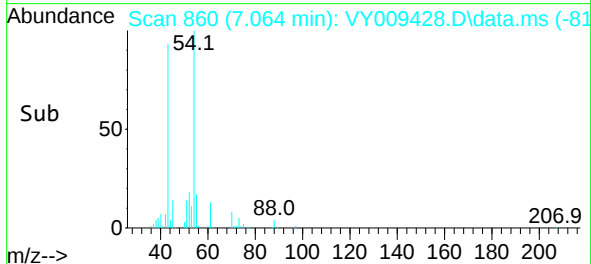
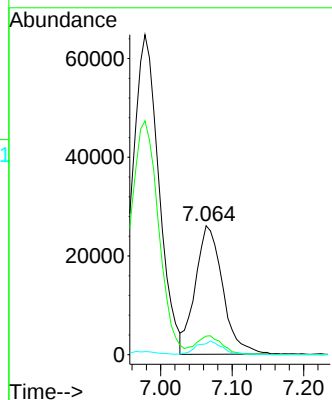
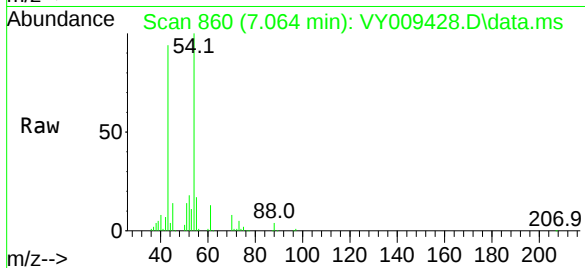
Tgt Ion: 43 Resp: 69051

Ion Ratio Lower Upper

43 100

61 14.6 9.7 14.5#

70 9.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 44.199 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

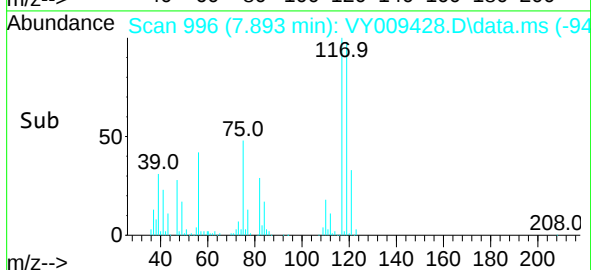
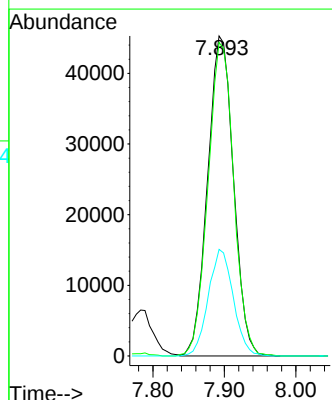
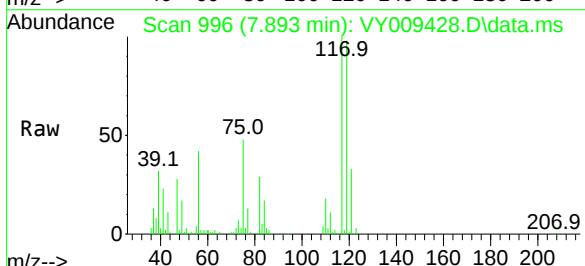
Tgt Ion: 117 Resp: 113818

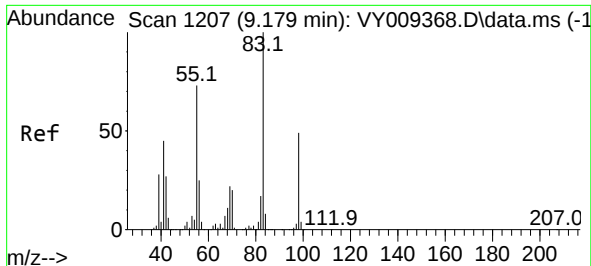
Ion Ratio Lower Upper

117 100

119 98.0 77.9 116.9

121 33.3 24.8 37.2





#39

Methylcyclohexane

Concen: 44.197 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

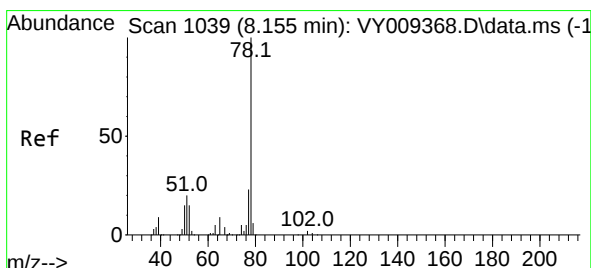
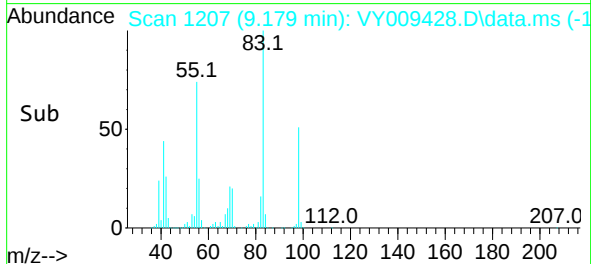
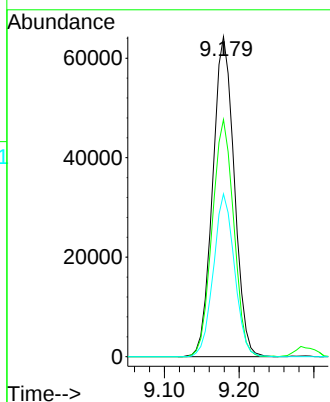
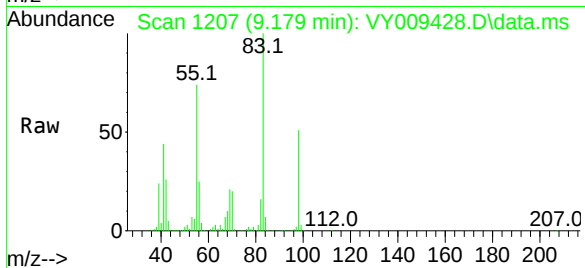
Tgt Ion: 83 Resp: 128870

Ion Ratio Lower Upper

83 100

55 74.1 66.5 99.7

98 50.9 37.9 56.9



#40

Benzene

Concen: 45.654 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009428.D

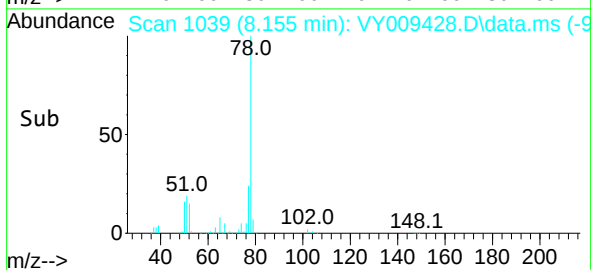
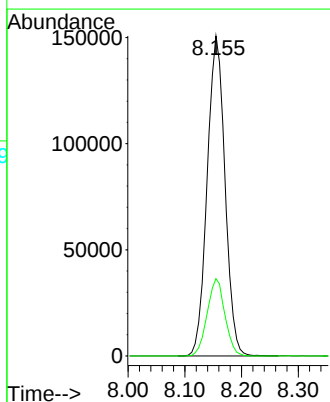
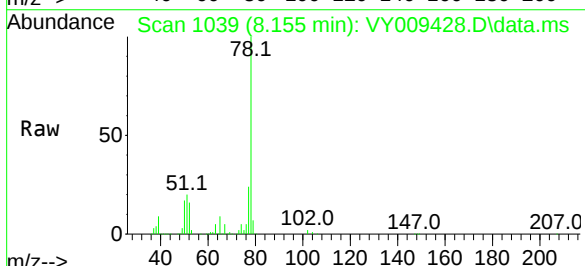
Acq: 05 Jul 2022 10:54

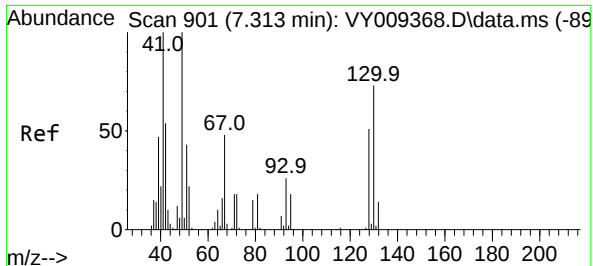
Tgt Ion: 78 Resp: 328926

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6

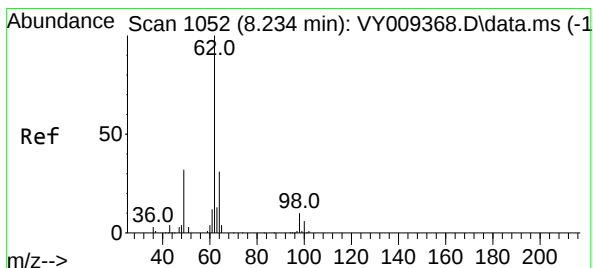
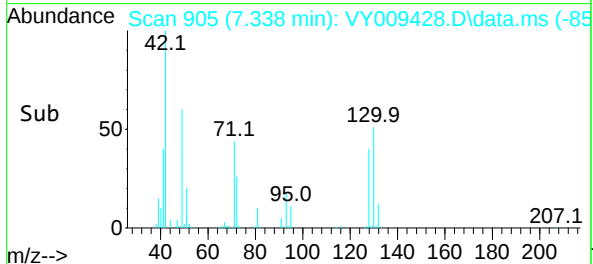
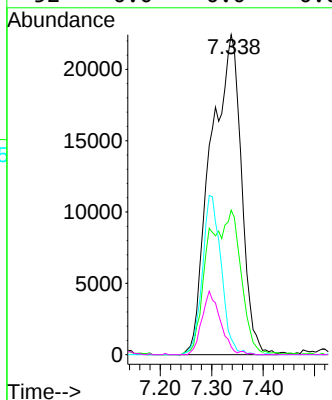
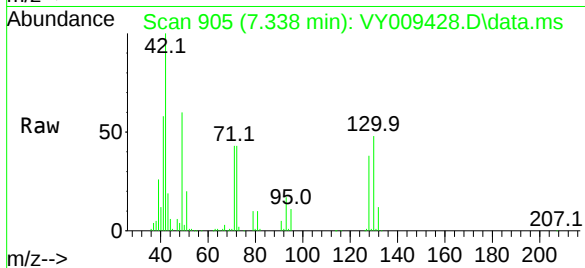




#41
Methacrylonitrile
Concen: 112.518 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

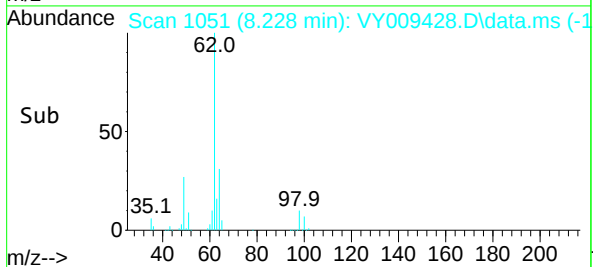
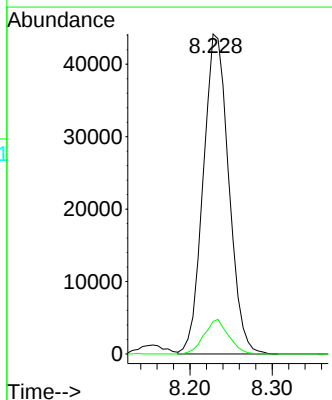
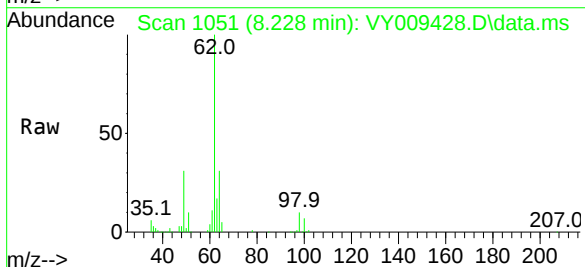
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

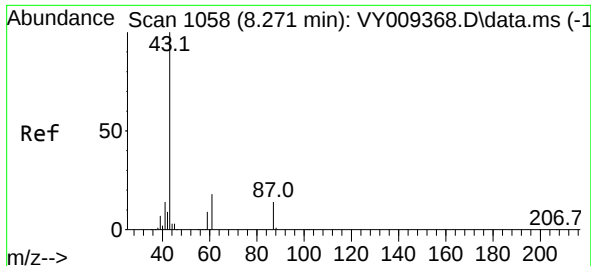
Tgt Ion: 41 Resp: 92873
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 46.096 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 62 Resp: 95267
Ion Ratio Lower Upper
62 100
98 10.3 0.0 14.8

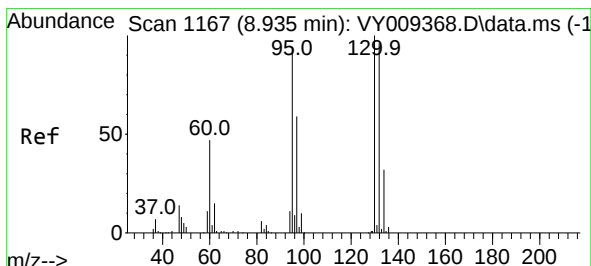
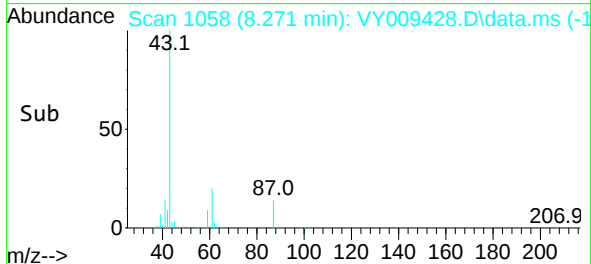
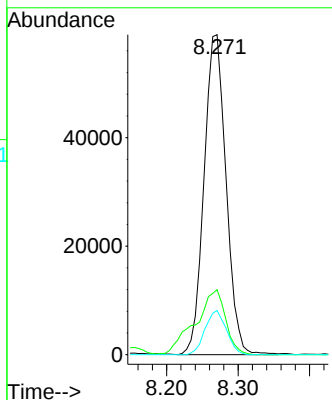
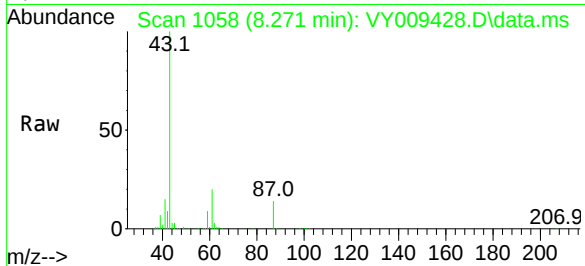




#43
Isopropyl Acetate
Concen: 47.075 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

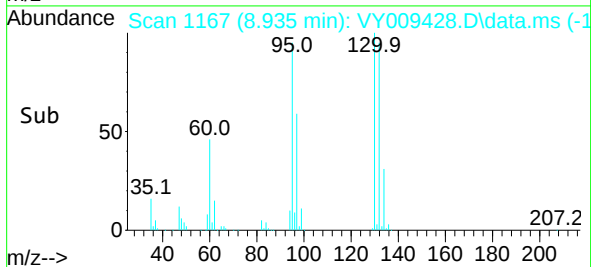
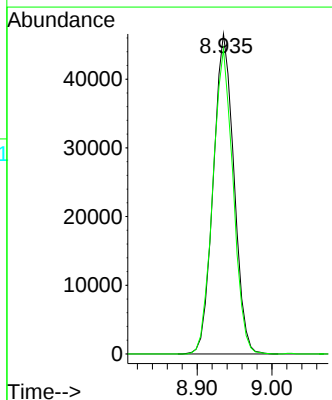
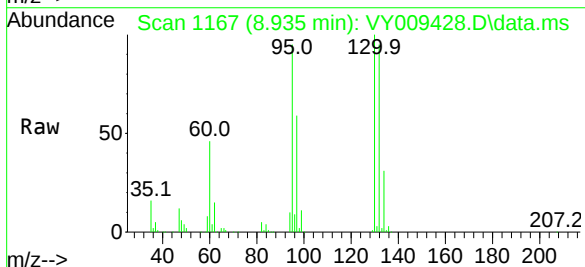
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

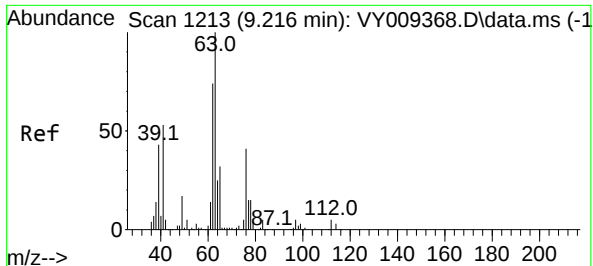
Tgt Ion: 43 Resp: 126274
Ion Ratio Lower Upper
43 100
61 28.0 20.2 30.2
87 13.4 8.9 13.3#



#44
Trichloroethene
Concen: 44.668 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion:130 Resp: 89418
Ion Ratio Lower Upper
130 100
95 95.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.185 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

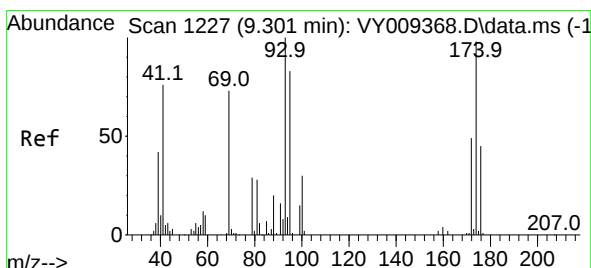
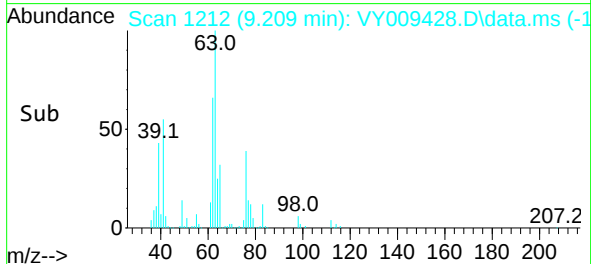
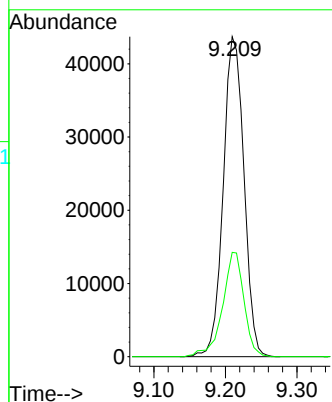
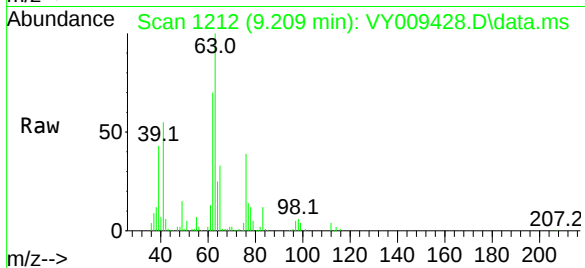
VSTDCCC050

Tgt Ion: 63 Resp: 87937

Ion Ratio Lower Upper

63 100

65 32.6 23.0 34.6



#46

Dibromomethane

Concen: 45.996 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

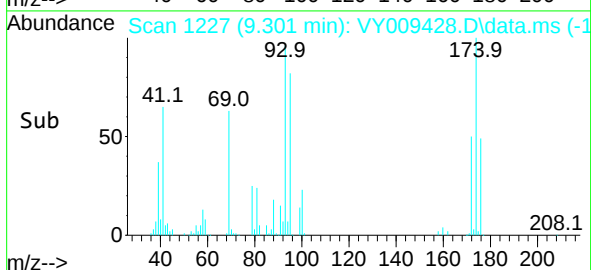
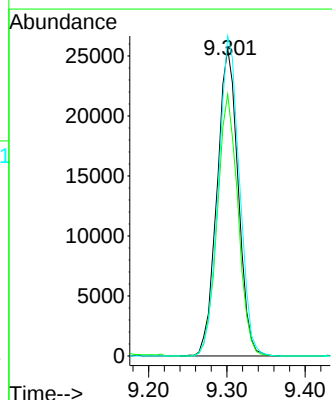
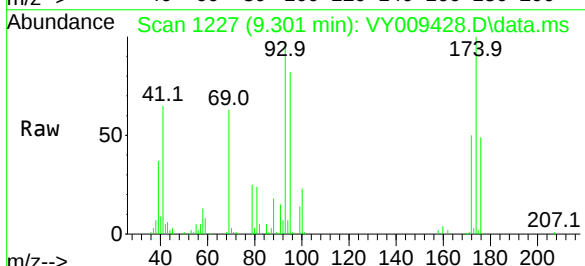
Tgt Ion: 93 Resp: 48089

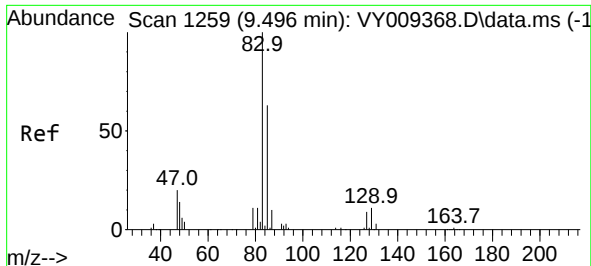
Ion Ratio Lower Upper

93 100

95 83.1 64.3 96.5

174 103.2 83.4 125.0

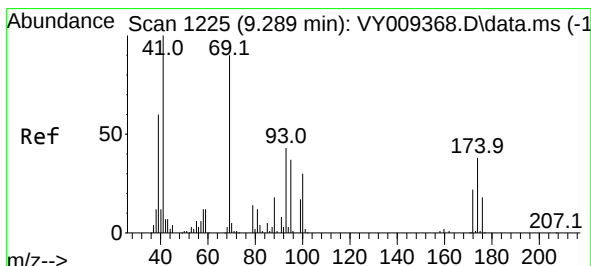
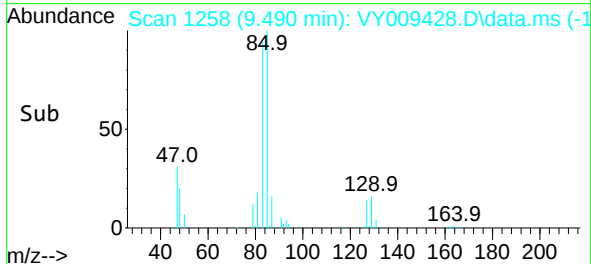
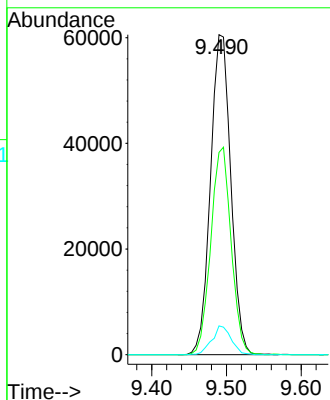
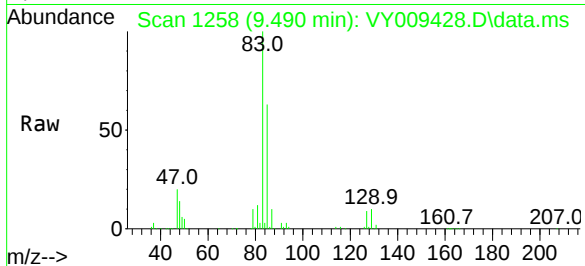




#47
Bromodichloromethane
Concen: 46.140 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

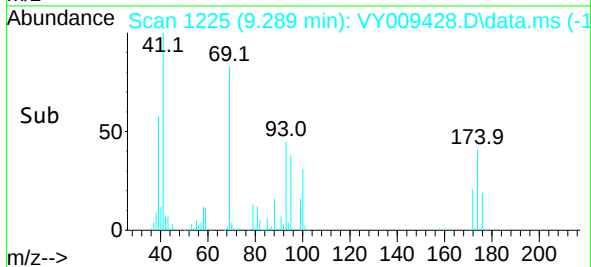
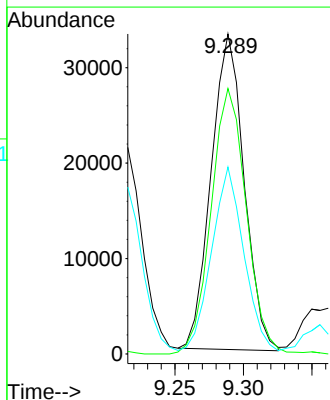
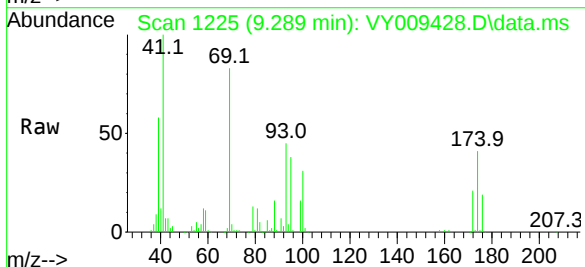
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

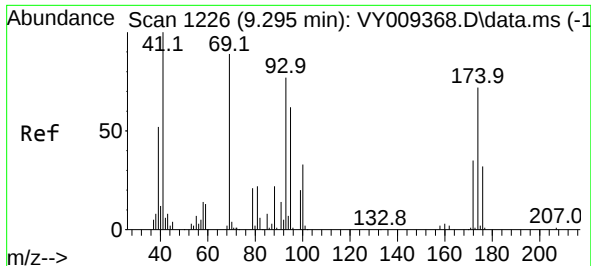
Tgt Ion: 83 Resp: 114239
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 47.782 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 41 Resp: 55254
Ion Ratio Lower Upper
41 100
69 90.1 58.2 87.2#
39 59.0 47.4 71.0





#49

1,4-Dioxane

Concen: 937.436 ug/l

RT: 9.295 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

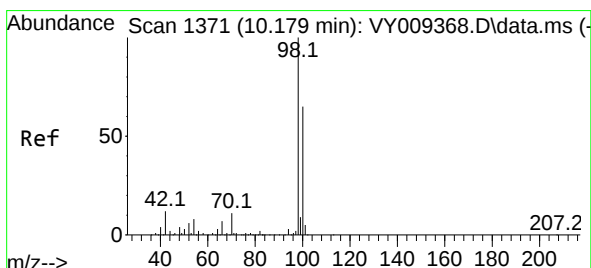
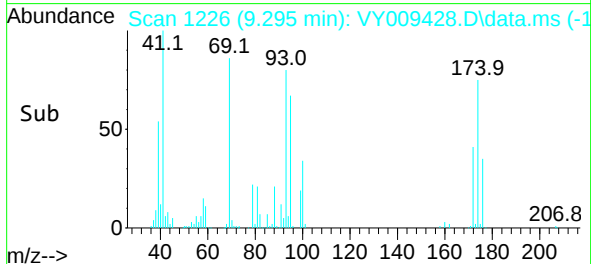
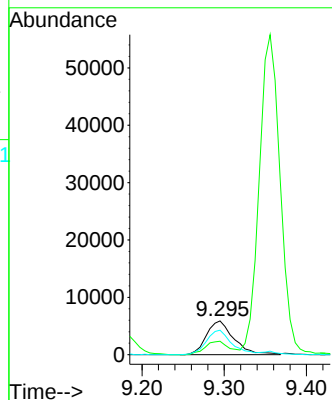
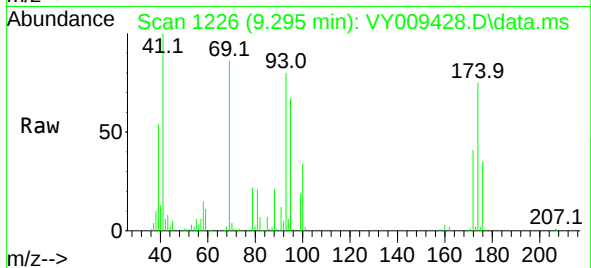
Tgt Ion: 88 Resp: 13662

Ion Ratio Lower Upper

88 100

43 36.1 32.8 49.2

58 66.7 59.8 89.6



#50

Toluene-d8

Concen: 50.027 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009428.D

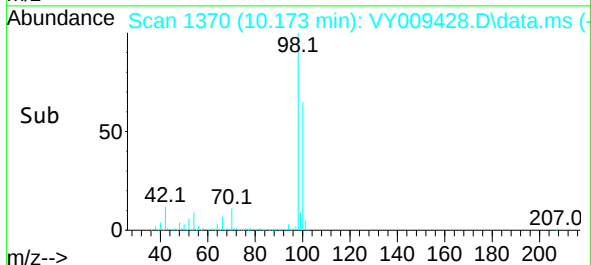
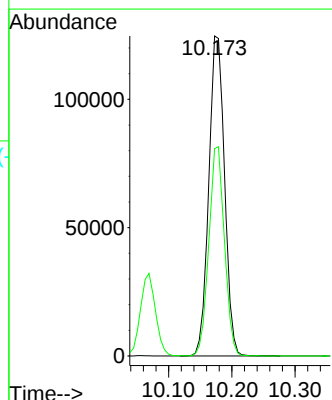
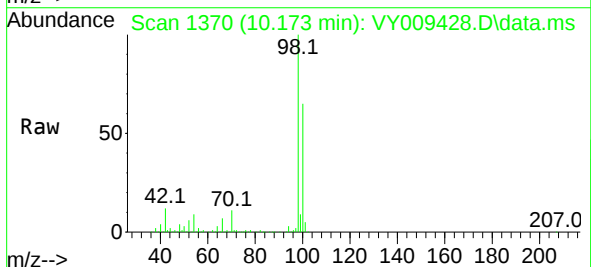
Acq: 05 Jul 2022 10:54

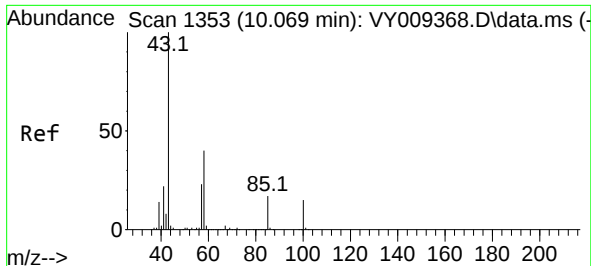
Tgt Ion: 98 Resp: 216121

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

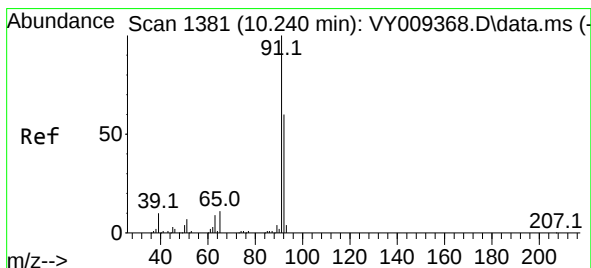
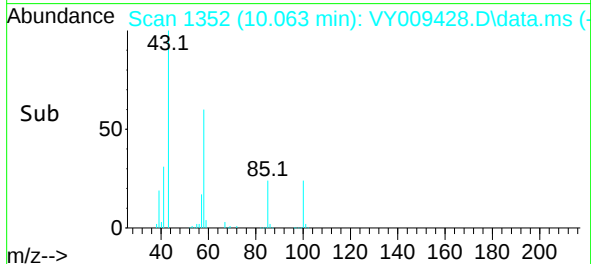
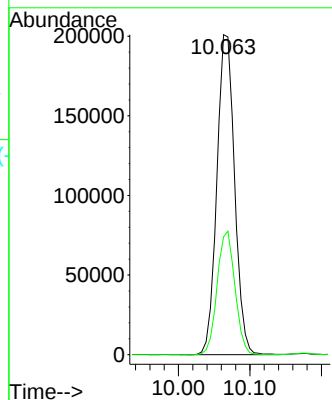
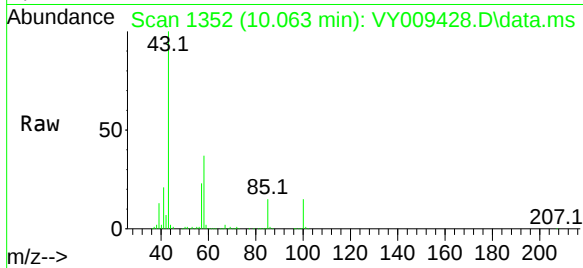




#51
4-Methyl-2-Pentanone
Concen: 250.404 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

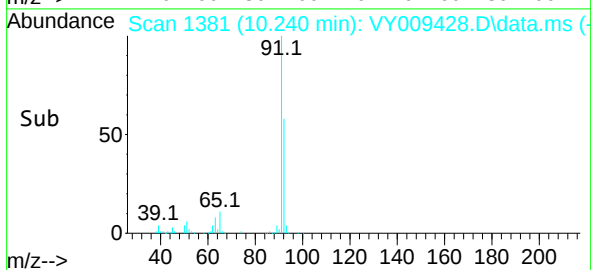
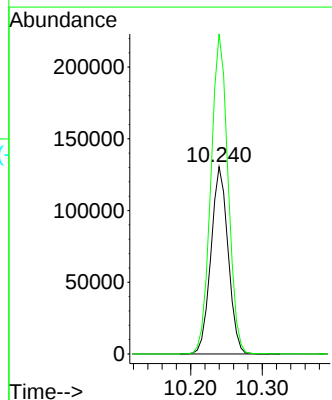
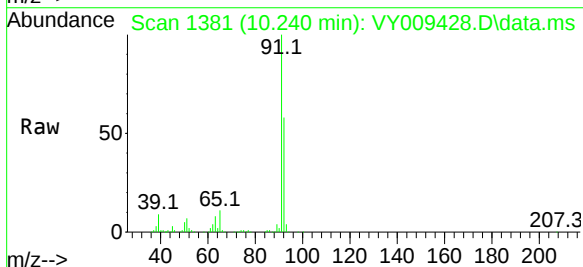
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

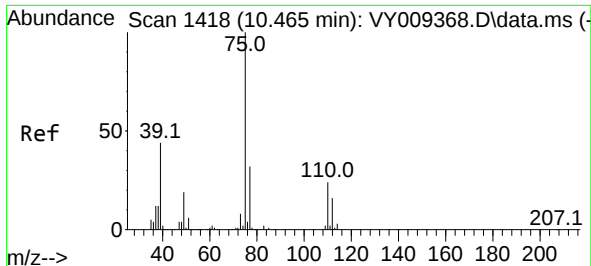
Tgt Ion: 43 Resp: 346319
Ion Ratio Lower Upper
43 100
58 38.8 28.1 42.1



#52
Toluene
Concen: 47.714 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 92 Resp: 216888
Ion Ratio Lower Upper
92 100
91 171.4 142.6 213.8

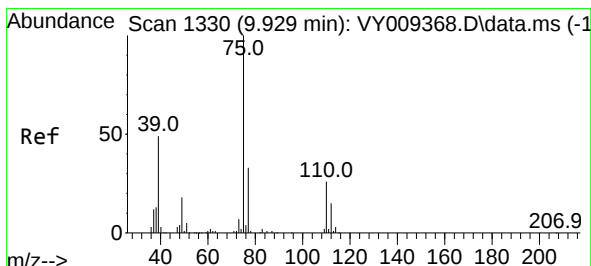
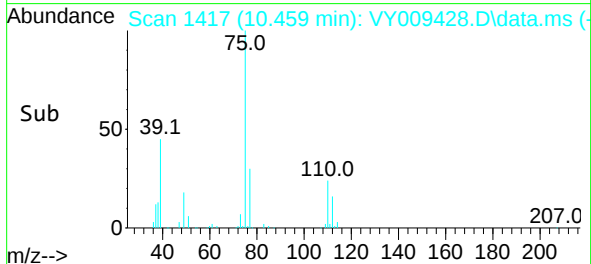
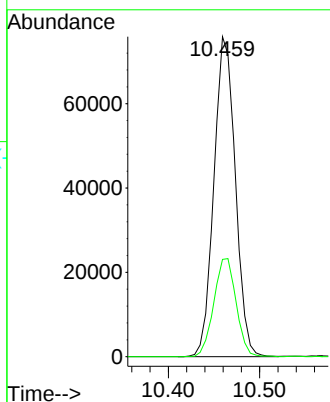
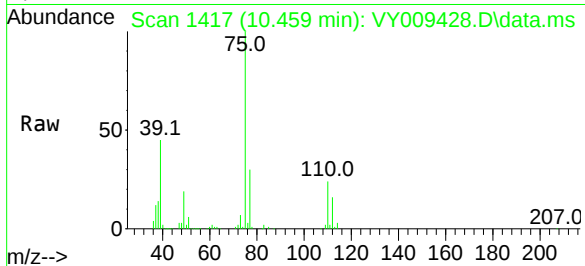




#53
 t-1,3-Dichloropropene
 Concen: 49.916 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY009428.D
 Acq: 05 Jul 2022 10:54

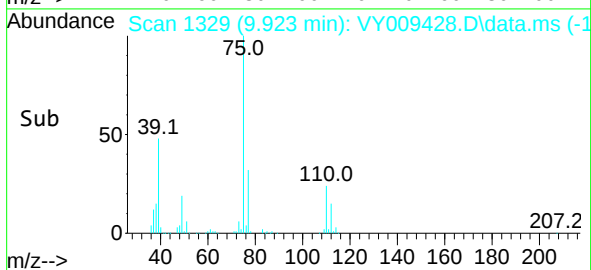
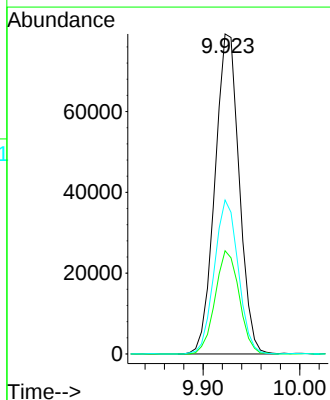
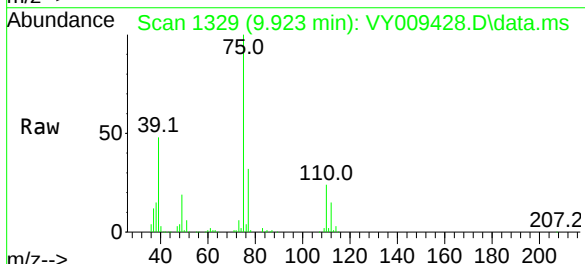
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

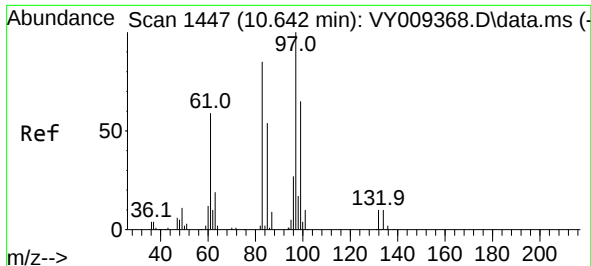
Tgt Ion: 75 Resp: 123628
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 46.670 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY009428.D
 Acq: 05 Jul 2022 10:54

Tgt Ion: 75 Resp: 138011
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4
 39 48.1 47.6 71.4

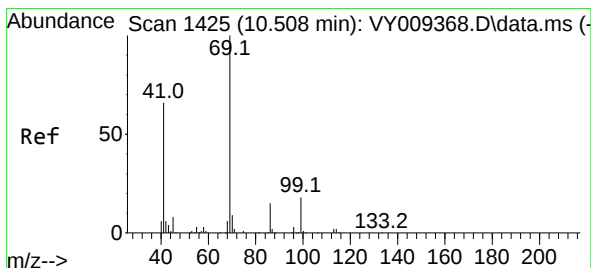
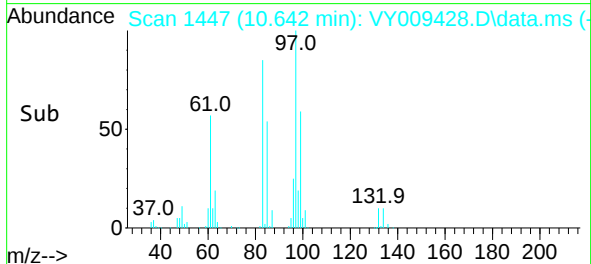
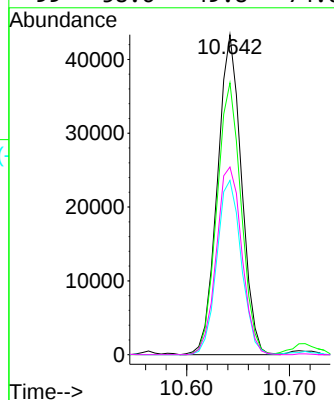
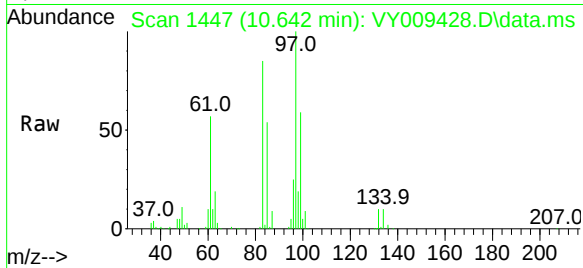




#55
1,1,2-Trichloroethane
Concen: 50.704 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

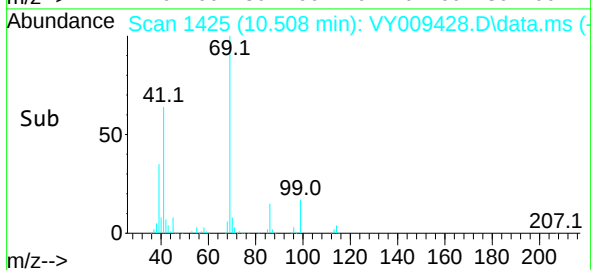
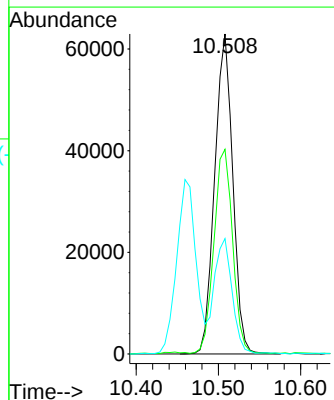
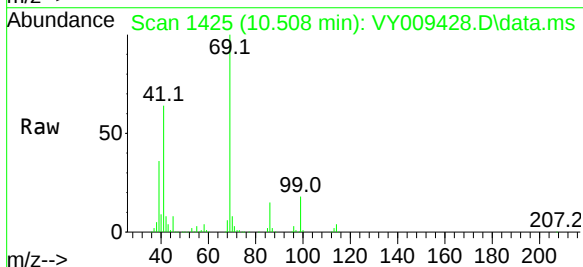
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

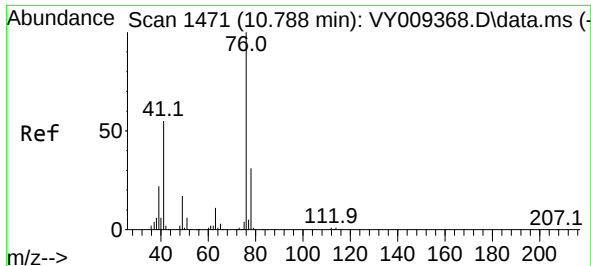
Tgt Ion: 97	Resp: 70529
Ion Ratio	Lower Upper
97 100	
83 84.9	69.8 104.8
85 54.5	44.3 66.5
99 58.6	49.8 74.6



#56
Ethyl methacrylate
Concen: 54.163 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 69	Resp: 96167
Ion Ratio	Lower Upper
69 100	
41 65.9	63.4 95.0
39 35.3	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 47.787 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

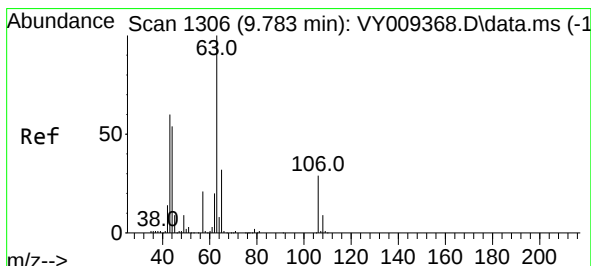
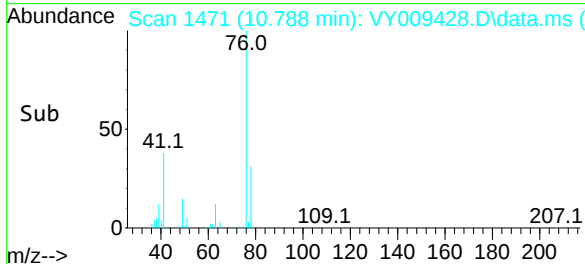
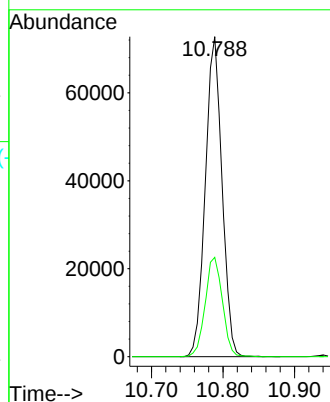
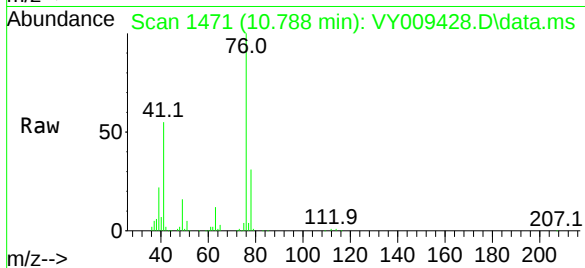
VSTDCCC050

Tgt Ion: 76 Resp: 117755

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 270.267 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009428.D

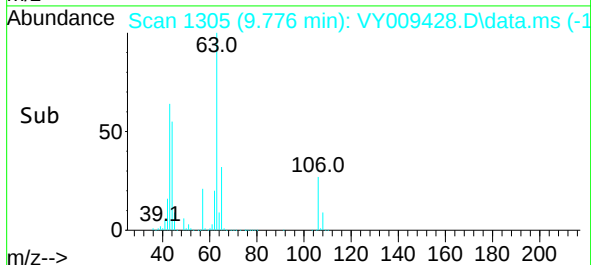
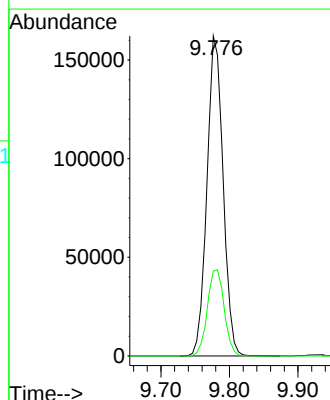
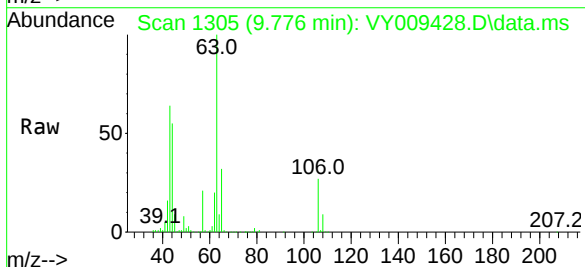
Acq: 05 Jul 2022 10:54

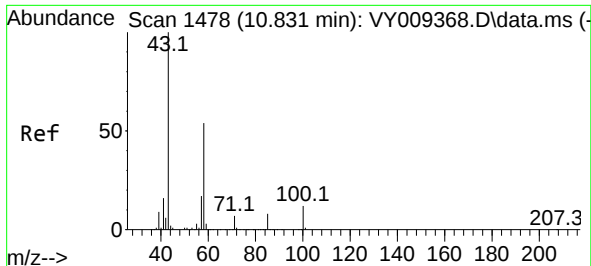
Tgt Ion: 63 Resp: 265683

Ion Ratio Lower Upper

63 100

106 28.2 21.5 32.3

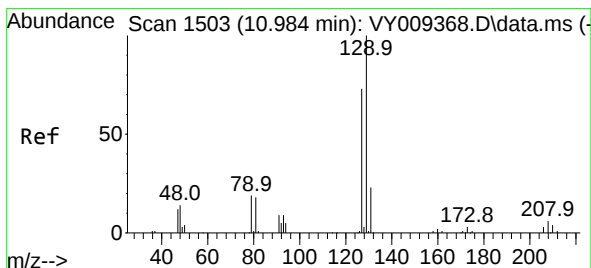
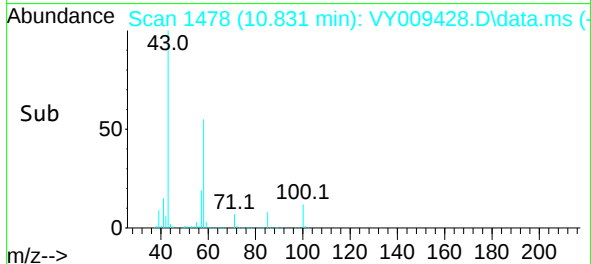
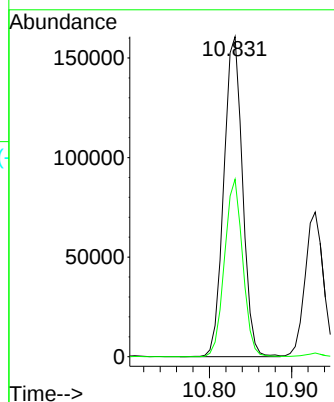
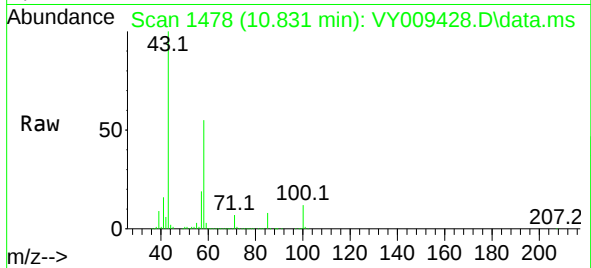




#59
2-Hexanone
Concen: 266.465 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

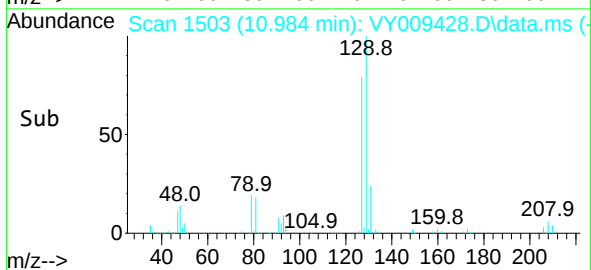
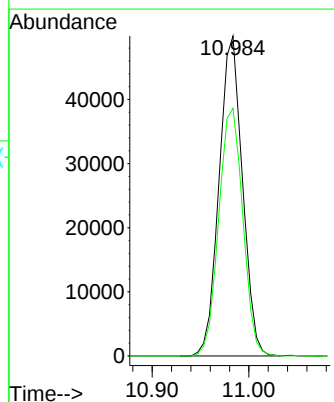
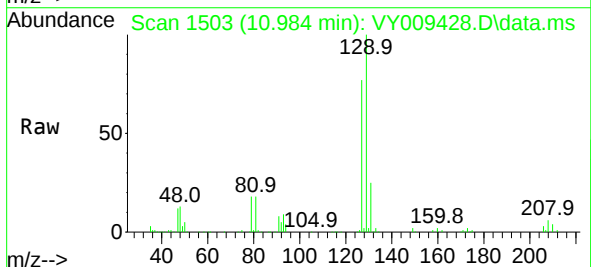
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

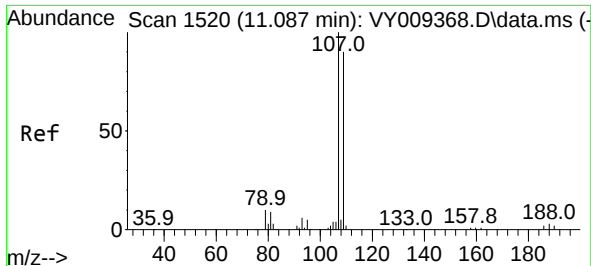
Tgt Ion: 43 Resp: 254578
Ion Ratio Lower Upper
43 100
58 54.0 24.4 73.4



#60
Dibromochloromethane
Concen: 47.401 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 129 Resp: 83441
Ion Ratio Lower Upper
129 100
127 79.8 38.7 116.1

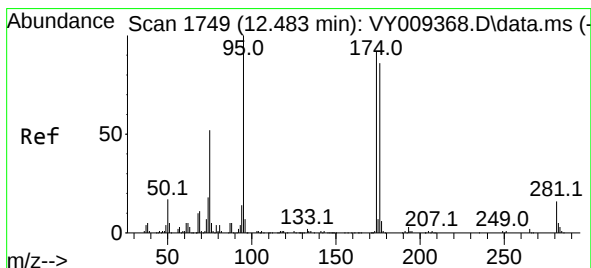
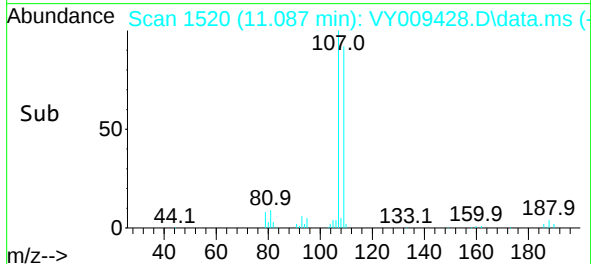
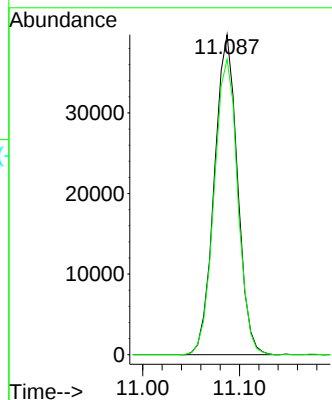
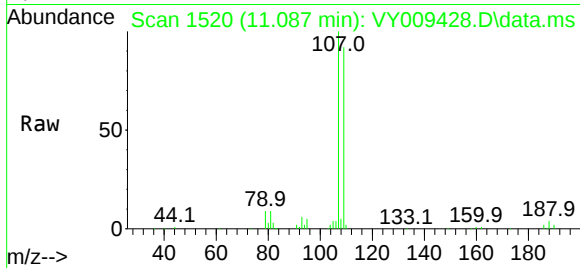




#61
1,2-Dibromoethane
Concen: 47.145 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

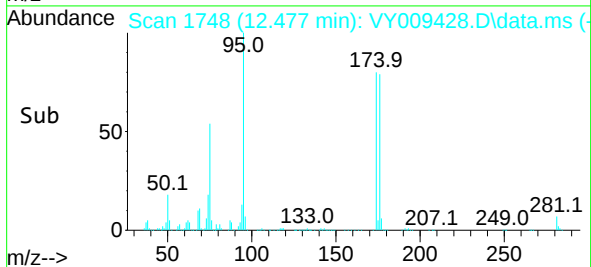
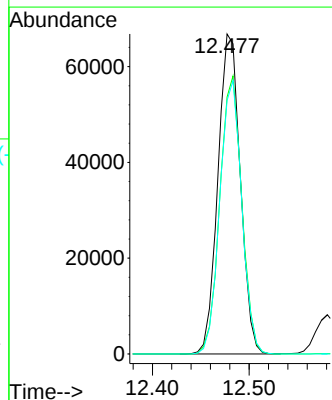
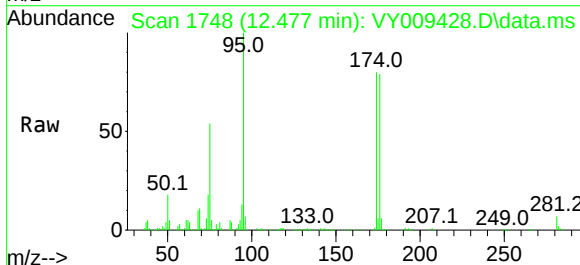
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

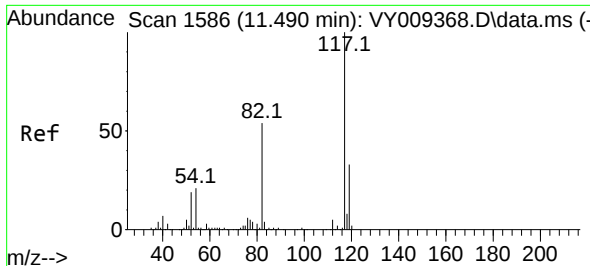
Tgt Ion:107 Resp: 65838
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.229 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 95 Resp: 107011
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 83.7 0.0 175.8

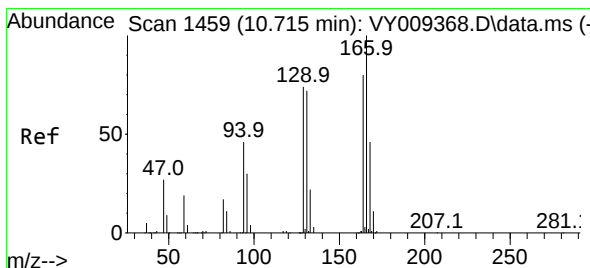
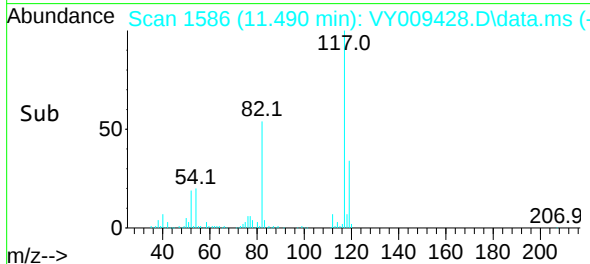
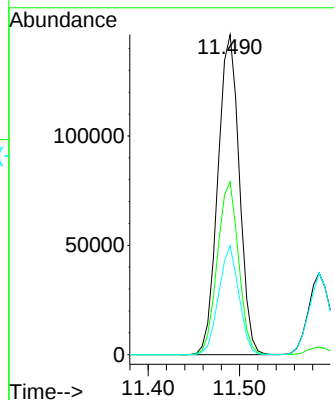
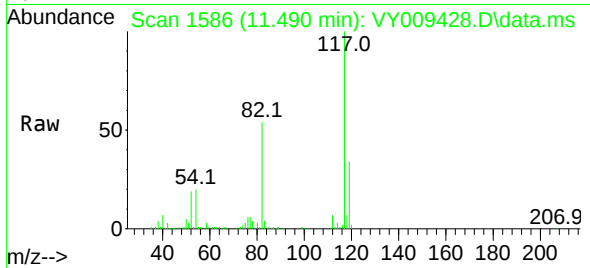




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

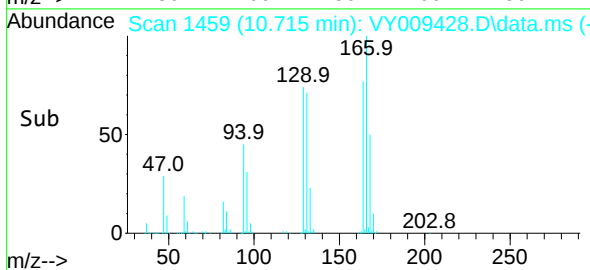
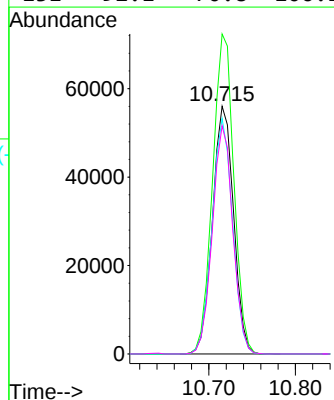
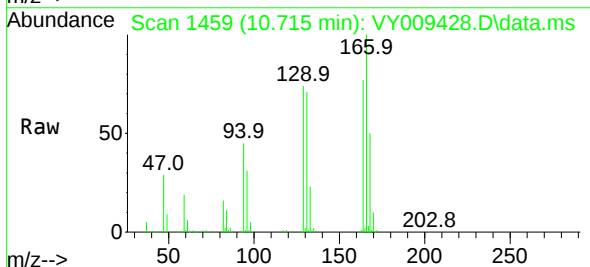
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

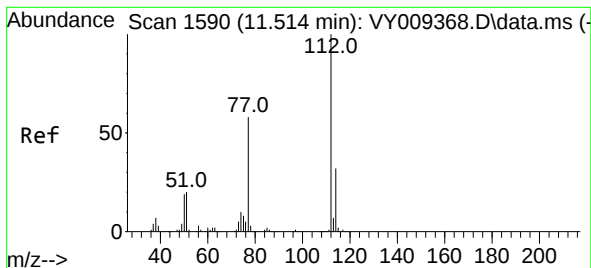
Tgt Ion:117 Resp: 238790
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 34.0 25.4 38.0



#64
Tetrachloroethene
Concen: 42.638 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion:164 Resp: 94788
Ion Ratio Lower Upper
164 100
166 129.2 100.4 150.6
129 95.0 71.4 107.0
131 92.1 70.8 106.2





#65

Chlorobenzene

Concen: 45.807 ug/l

RT: 11.514 min Scan# 11590

Delta R.T. -0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

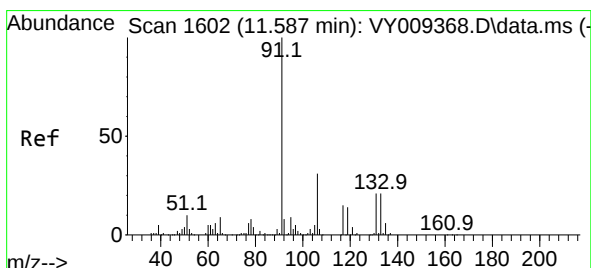
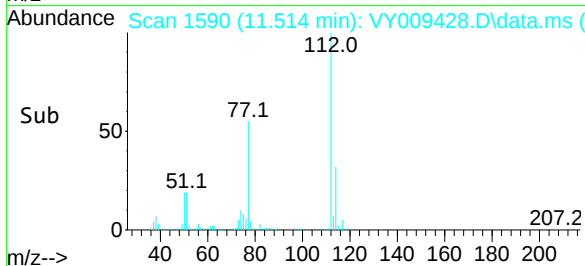
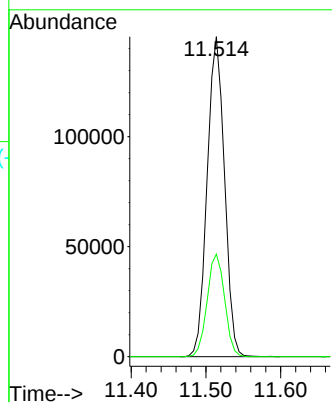
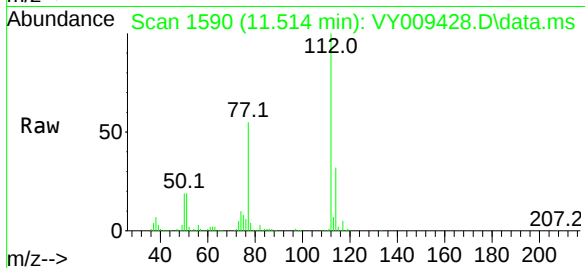
VSTDCCC050

Tgt Ion:112 Resp: 234044

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.295 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

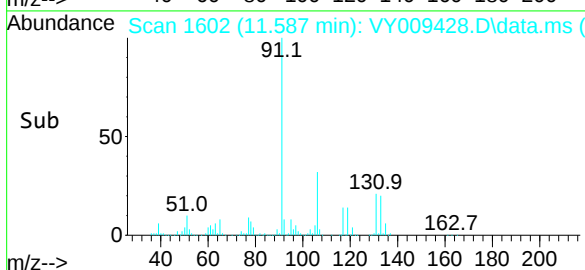
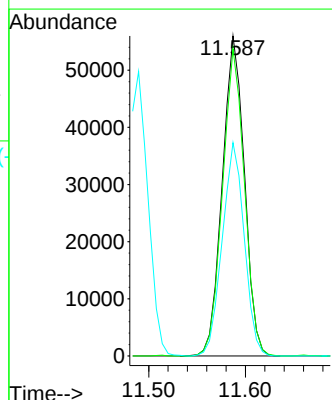
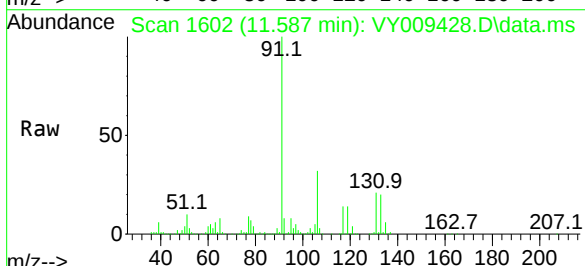
Tgt Ion:131 Resp: 88639

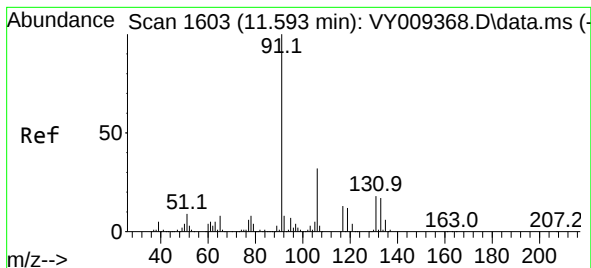
Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.6

119 66.3 30.8 92.3





#67

Ethyl Benzene

Concen: 47.780 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

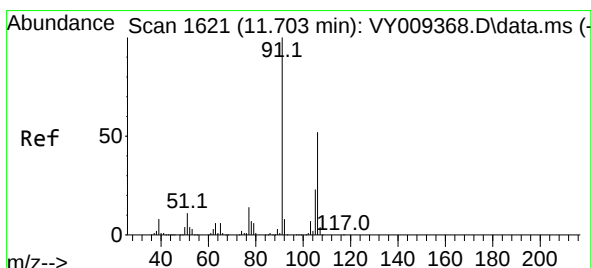
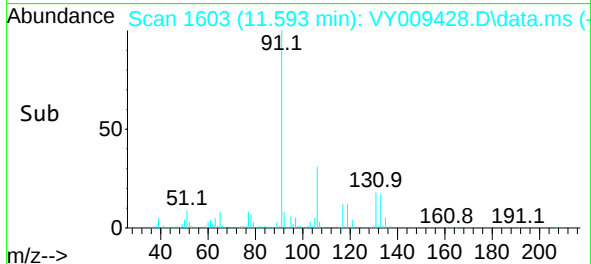
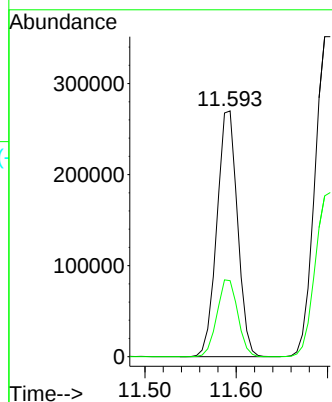
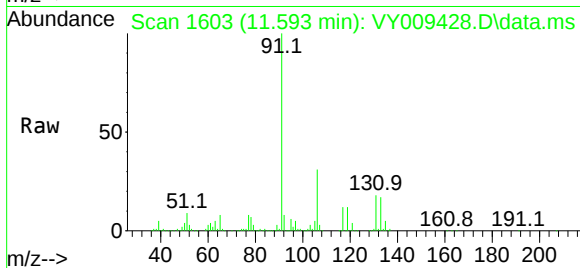
VSTDCCC050

Tgt Ion: 91 Resp: 423506

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 93.058 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY009428.D

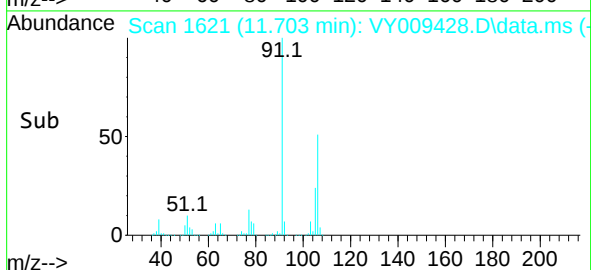
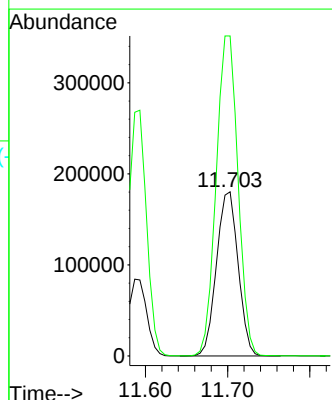
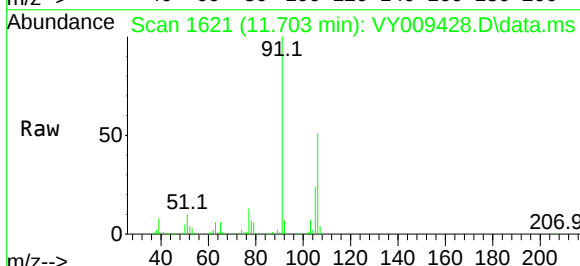
Acq: 05 Jul 2022 10:54

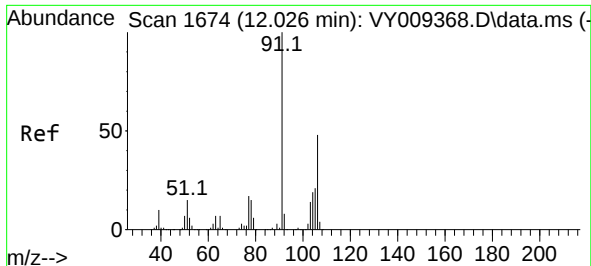
Tgt Ion:106 Resp: 329821

Ion Ratio Lower Upper

106 100

91 196.5 166.6 249.8

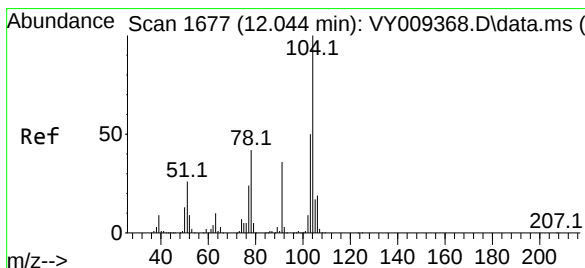
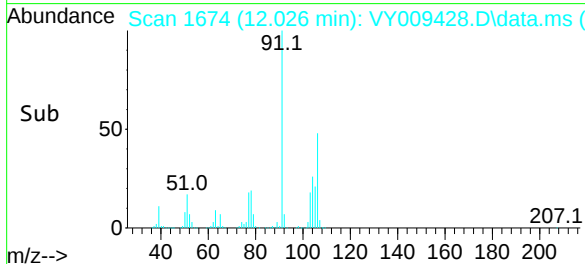
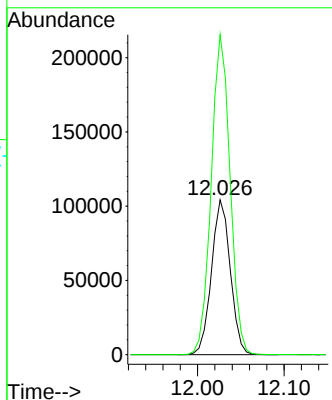
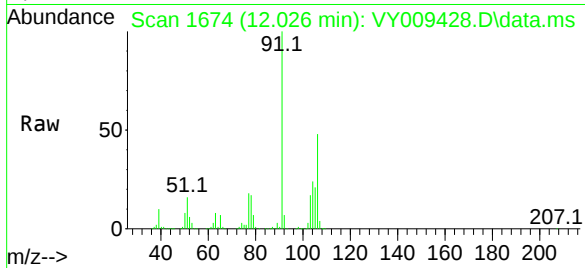




#69
o-Xylene
Concen: 47.011 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

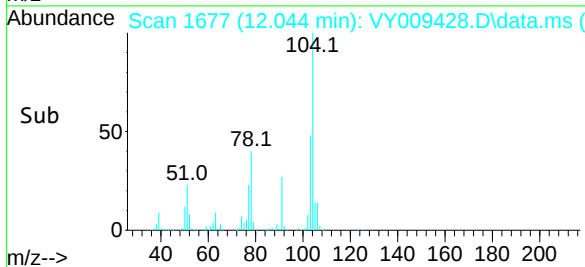
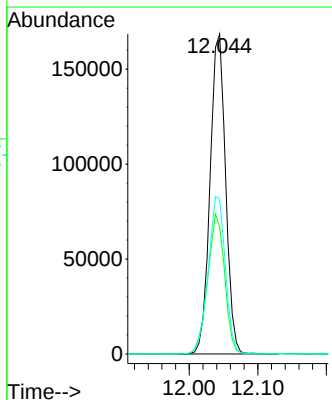
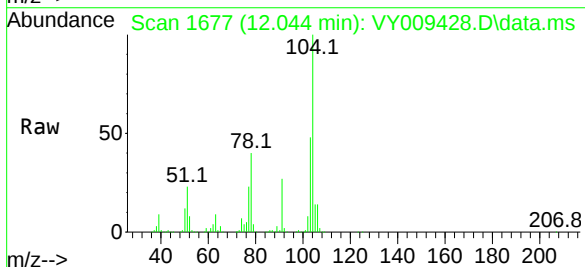
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

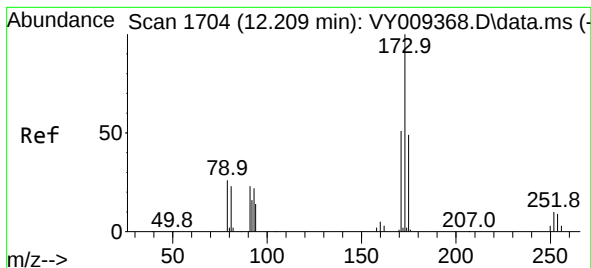
Tgt Ion:106 Resp: 157239
Ion Ratio Lower Upper
106 100
91 207.3 110.3 331.0



#70
Styrene
Concen: 48.045 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion:104 Resp: 266252
Ion Ratio Lower Upper
104 100
78 47.7 42.4 63.6
103 54.0 44.4 66.6





#71

Bromoform

Concen: 48.593 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

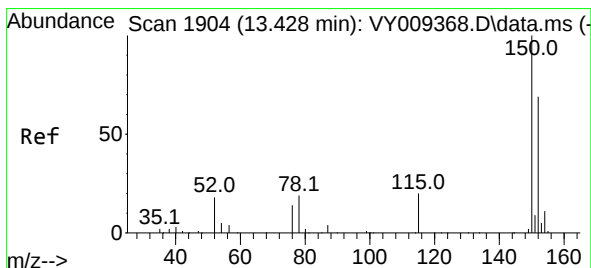
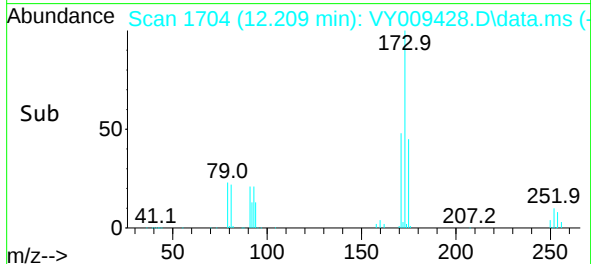
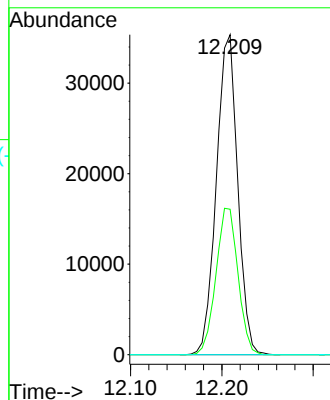
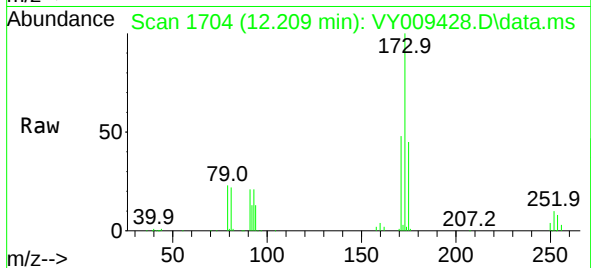
Tgt Ion:173 Resp: 57224

Ion Ratio Lower Upper

173 100

175 47.4 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

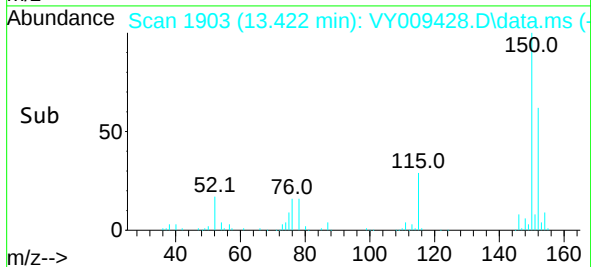
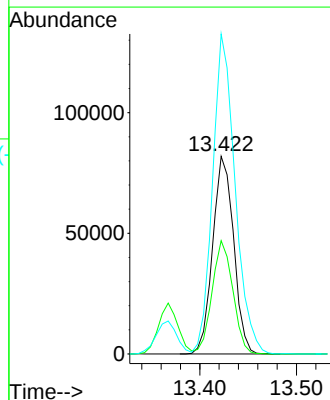
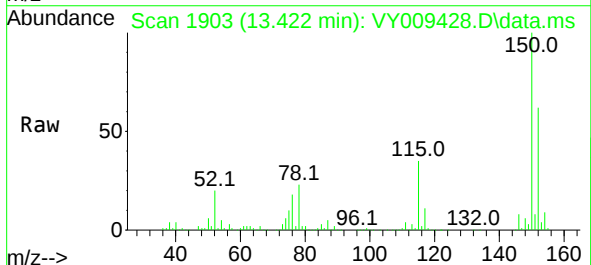
Tgt Ion:152 Resp: 123473

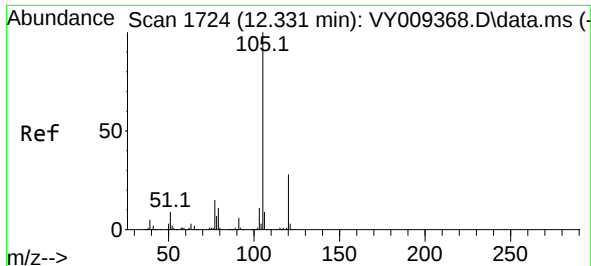
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 173.5 0.0 347.6

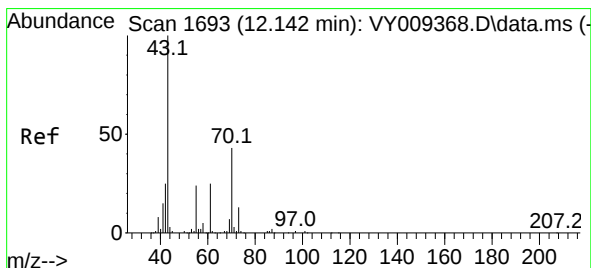
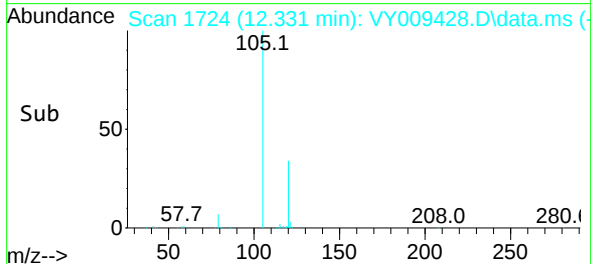
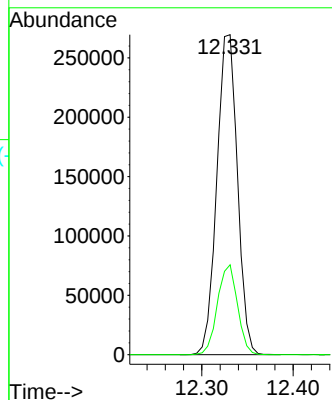
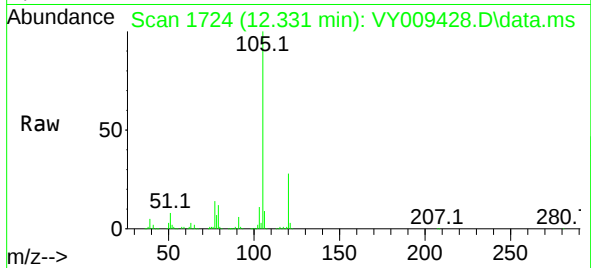




#73
Isopropylbenzene
Concen: 46.371 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

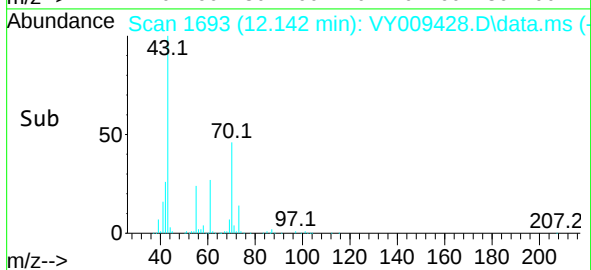
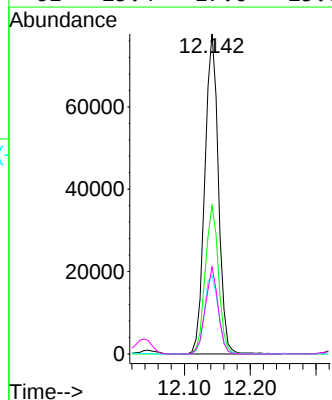
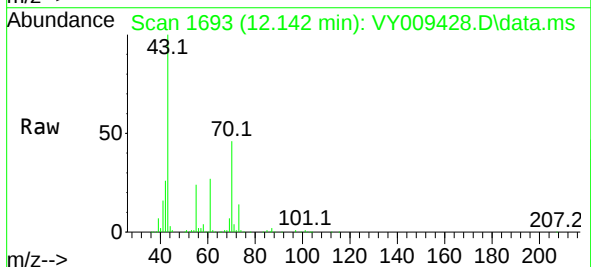
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

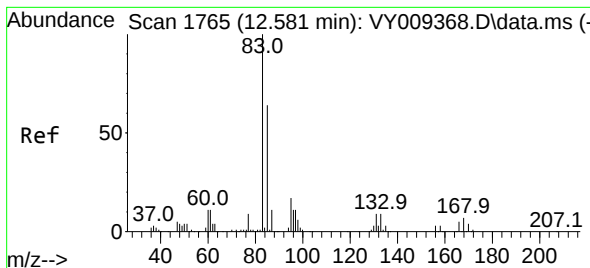
Tgt Ion:105 Resp: 422905
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 46.729 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 43 Resp: 111788
Ion Ratio Lower Upper
43 100
70 45.3 28.7 43.1#
55 25.1 17.3 25.9
61 25.4 17.0 25.6

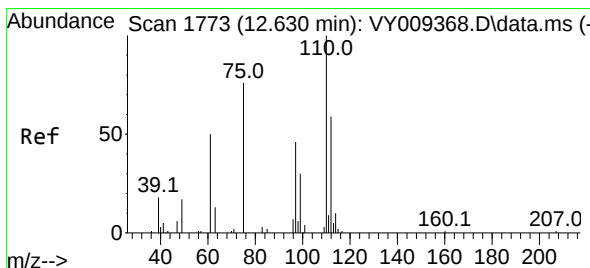
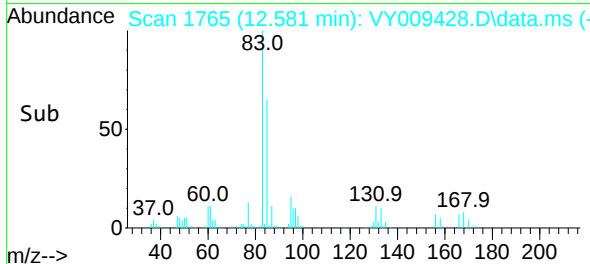
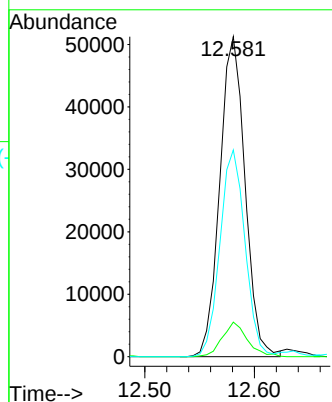
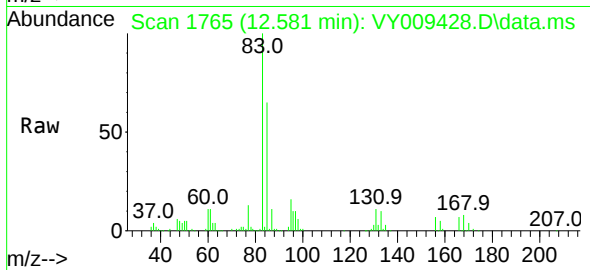




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.453 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY009428.D
 Acq: 05 Jul 2022 10:54

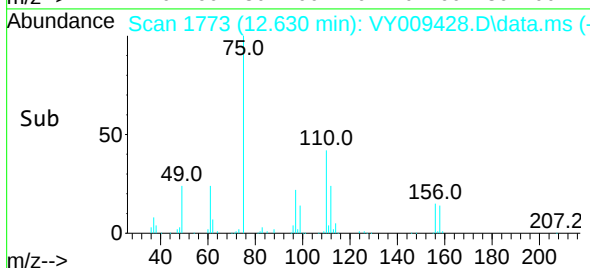
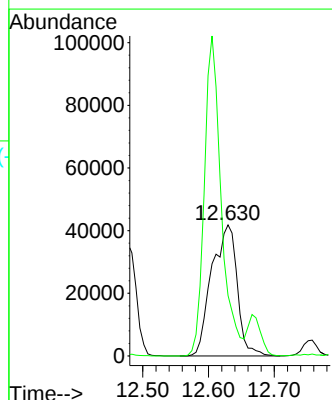
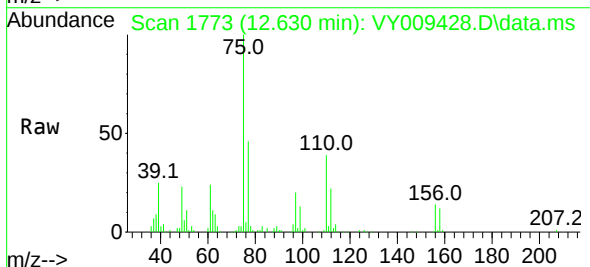
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

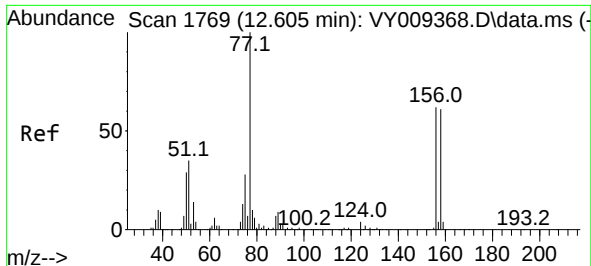
Tgt Ion: 83 Resp: 82065
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.6 16.8
 85 64.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 78.120 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY009428.D
 Acq: 05 Jul 2022 10:54

Tgt Ion: 75 Resp: 112959
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

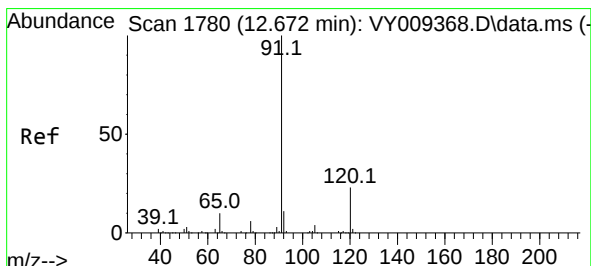
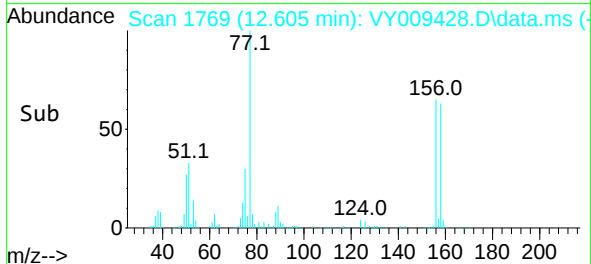
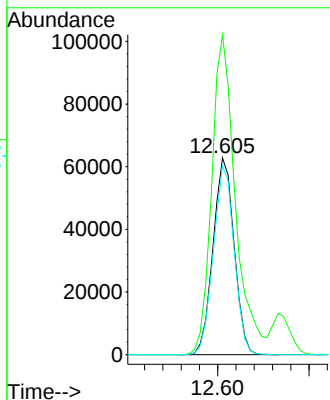
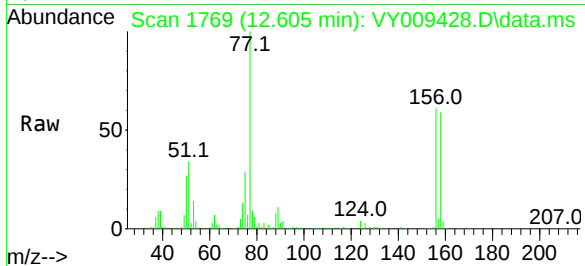




#77
Bromobenzene
Concen: 46.223 ug/l
RT: 12.605 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

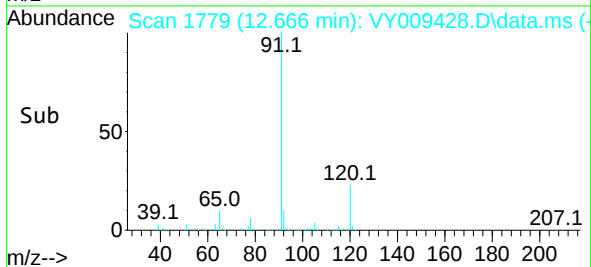
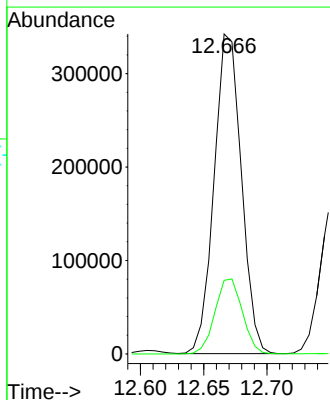
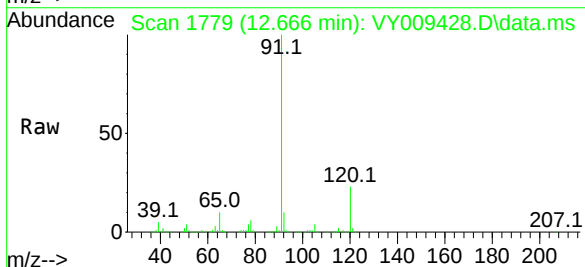
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

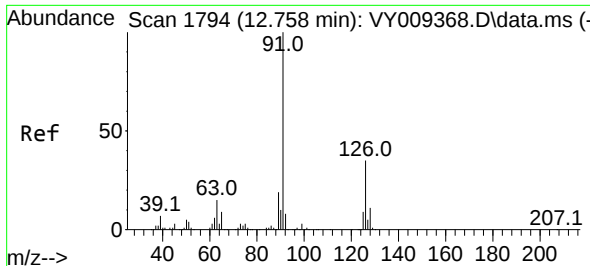
Tgt Ion:156 Resp: 100490
Ion Ratio Lower Upper
156 100
77 182.8 95.5 286.4
158 94.9 48.0 144.0



#78
n-propylbenzene
Concen: 46.209 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 91 Resp: 512634
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9

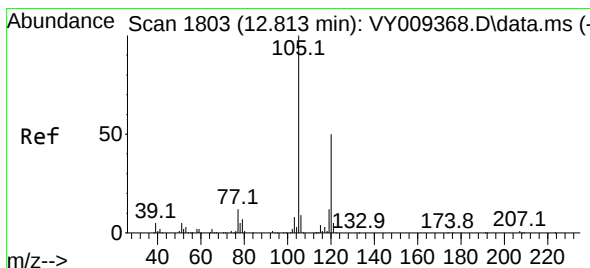
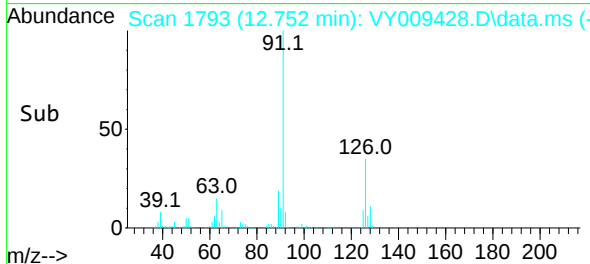
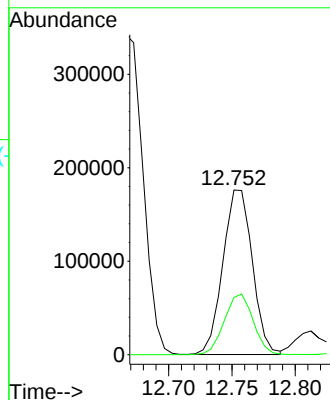
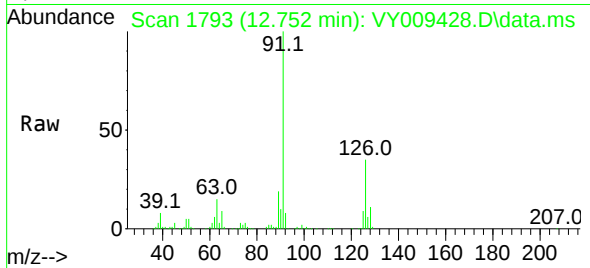




#79
2-Chlorotoluene
Concen: 45.614 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

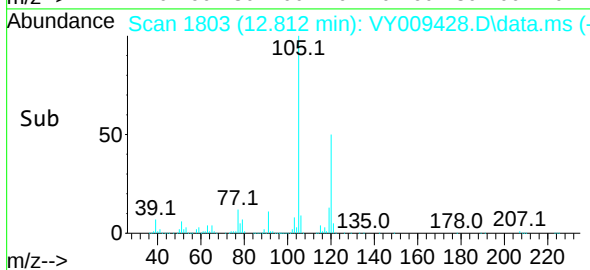
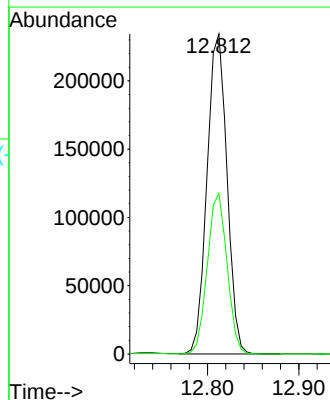
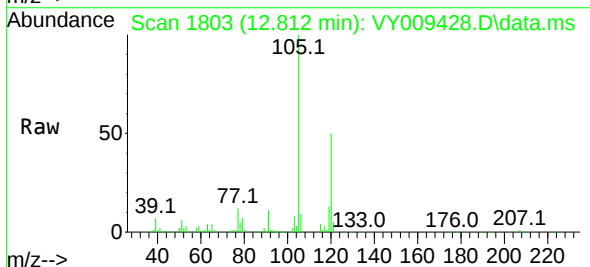
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

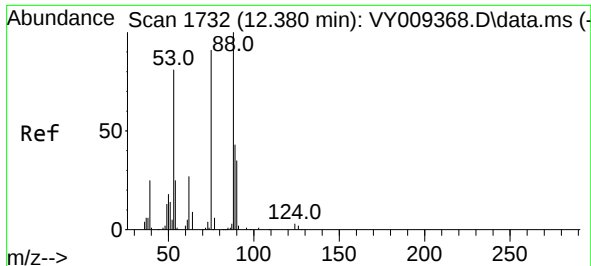
Tgt Ion: 91 Resp: 285637
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 46.453 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 105 Resp: 354282
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4

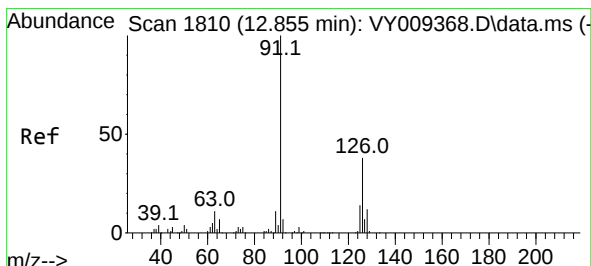
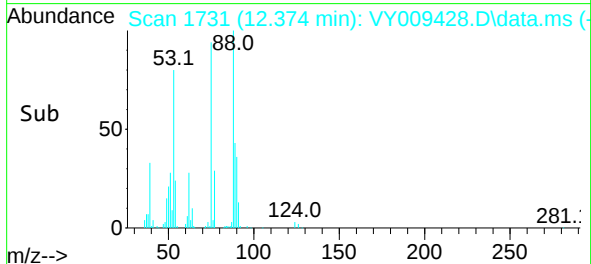
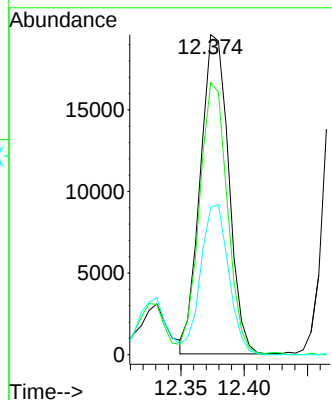
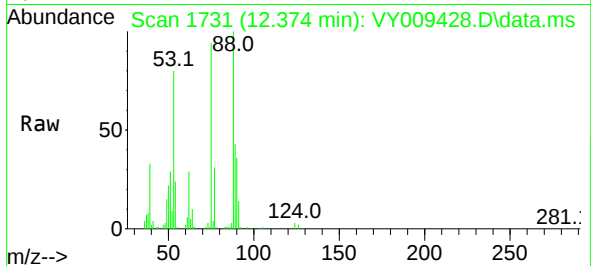




#81
trans-1,4-Dichloro-2-butene
Concen: 47.002 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

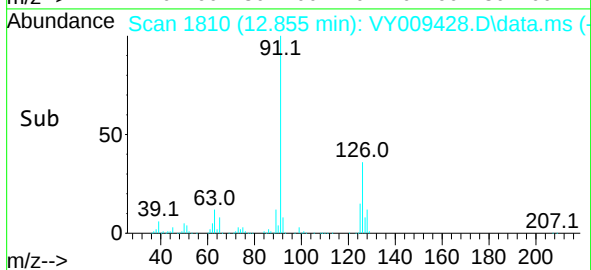
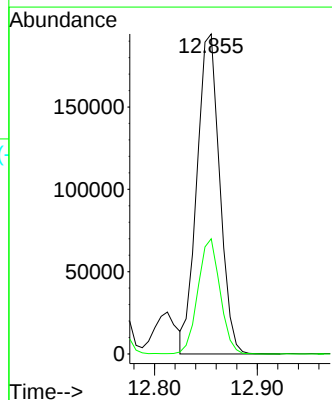
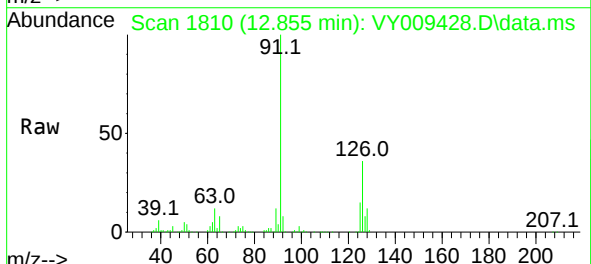
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

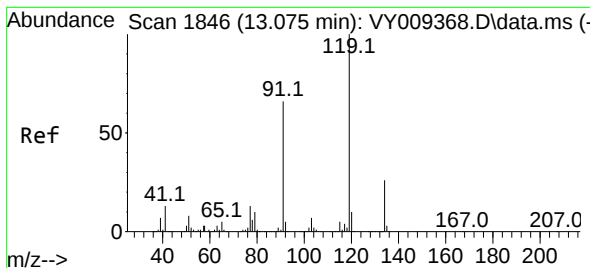
Tgt Ion: 75 Resp: 30525
Ion Ratio Lower Upper
75 100
53 84.1 85.3 127.9#
89 46.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.062 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 91 Resp: 299746
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0

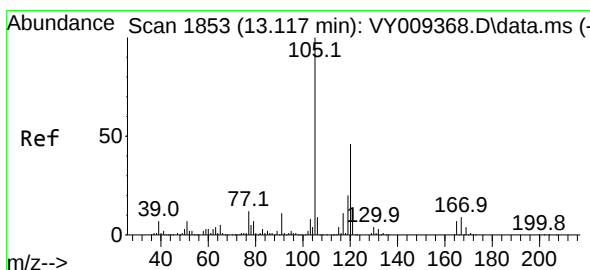
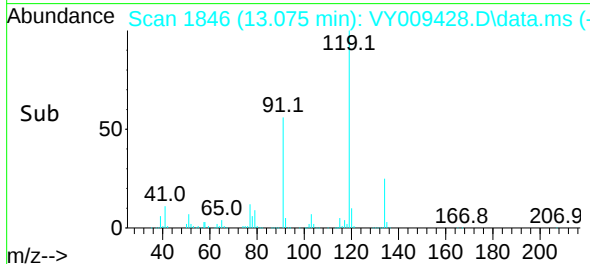
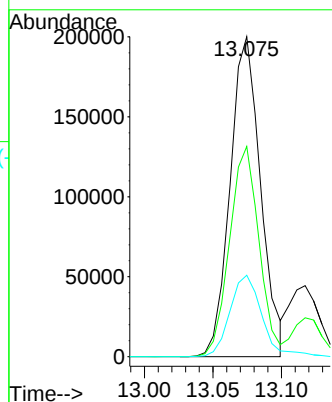
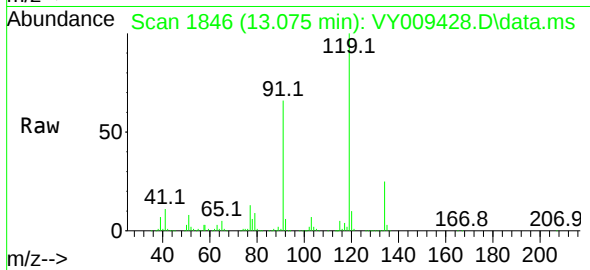




#83
tert-Butylbenzene
Concen: 48.349 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

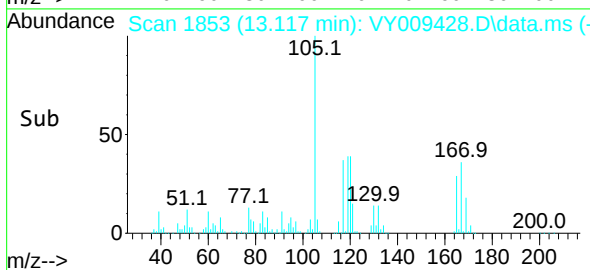
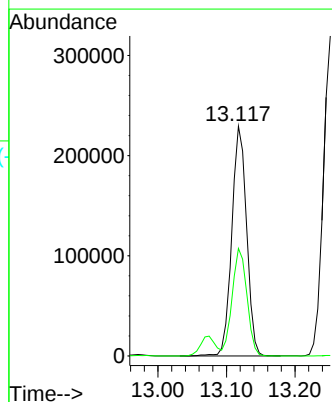
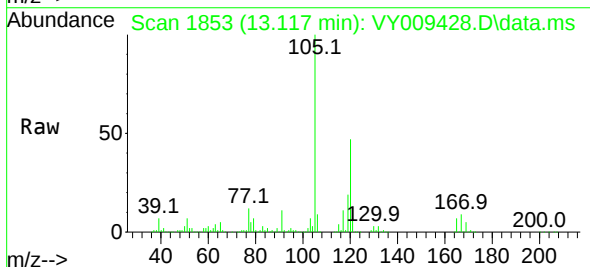
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

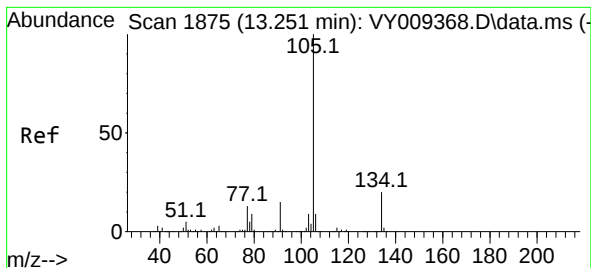
Tgt Ion:119 Resp: 309808
Ion Ratio Lower Upper
119 100
91 63.5 34.8 104.4
134 26.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 47.595 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion:105 Resp: 344938
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.211 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

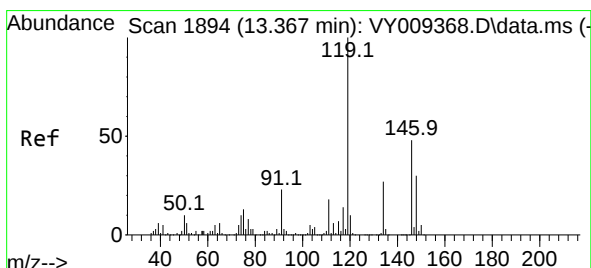
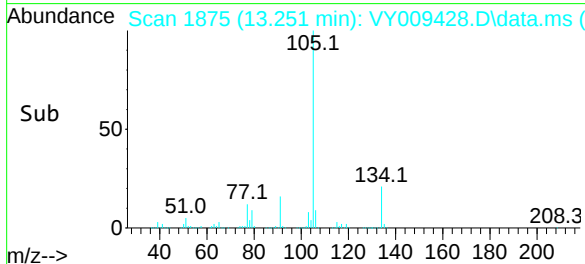
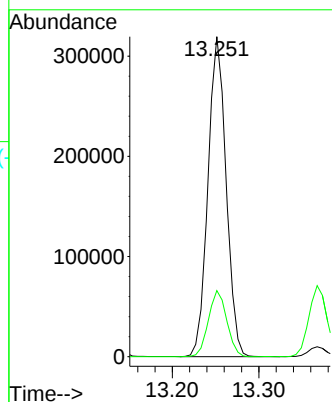
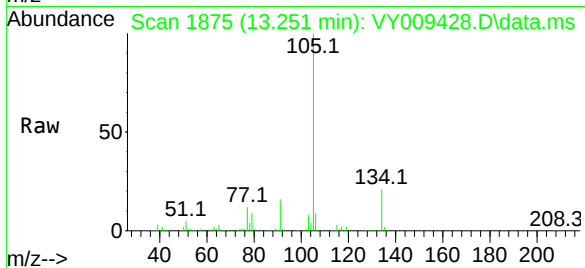
VSTDCCC050

Tgt Ion:105 Resp: 465288

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.191 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

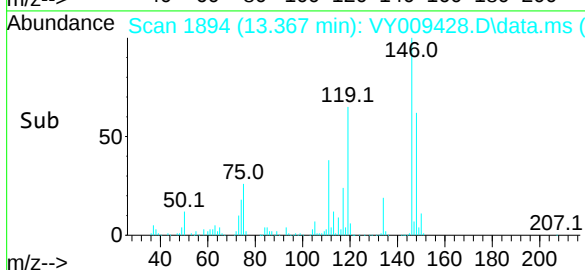
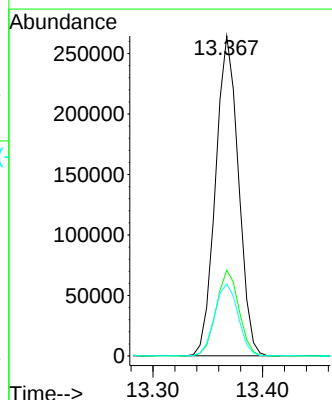
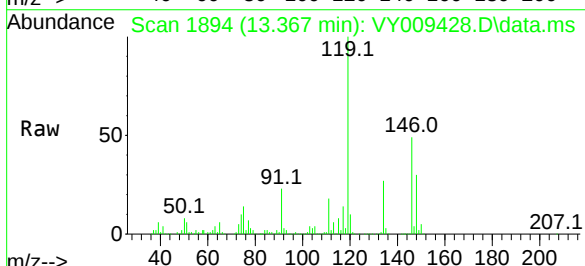
Tgt Ion:119 Resp: 382991

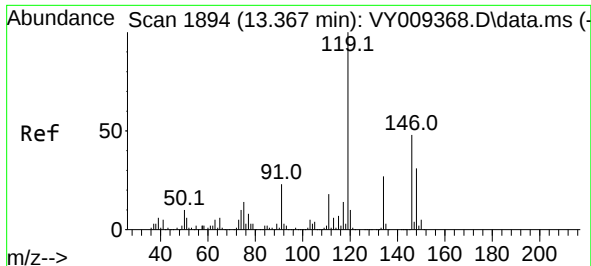
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 23.1 12.4 37.2

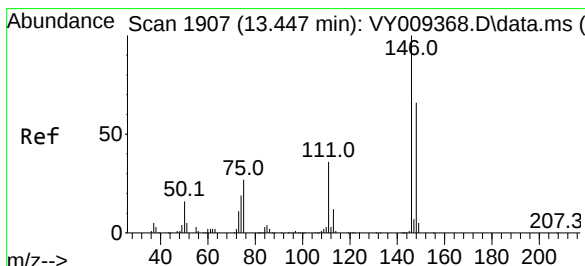
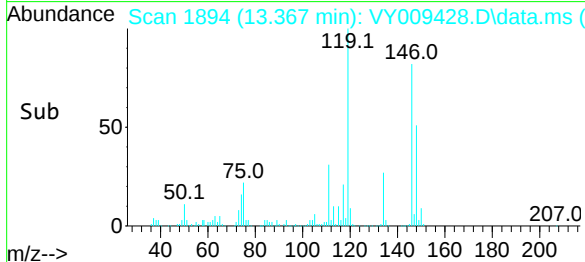
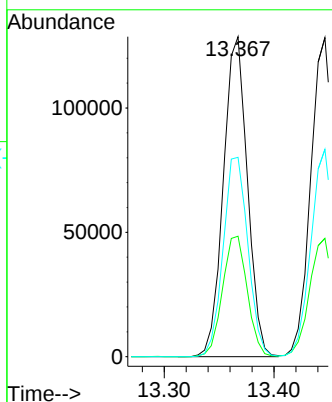
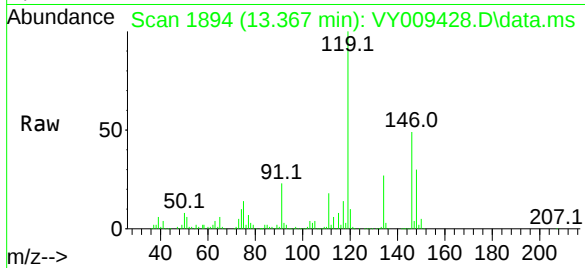




#87
 1,3-Dichlorobenzene
 Concen: 45.657 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VY009428.D
 Acq: 05 Jul 2022 10:54

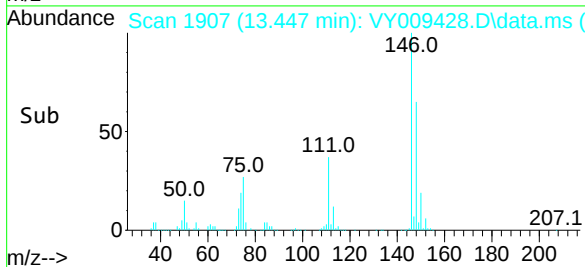
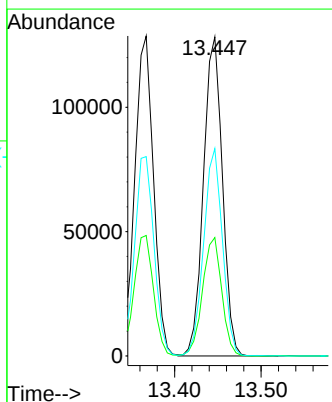
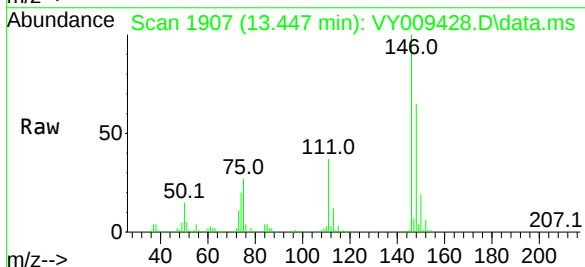
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

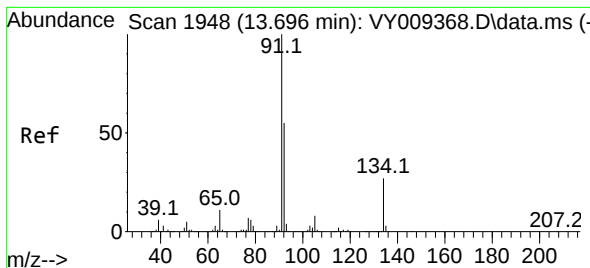
Tgt Ion:146 Resp: 196101
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 64.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 44.144 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.007 min
 Lab File: VY009428.D
 Acq: 05 Jul 2022 10:54

Tgt Ion:146 Resp: 195103
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.3 57.8
 148 64.8 32.6 97.8





#89

n-Butylbenzene

Concen: 47.109 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

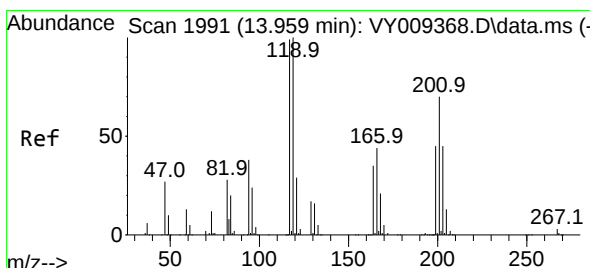
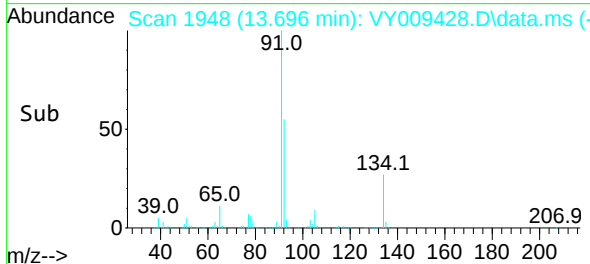
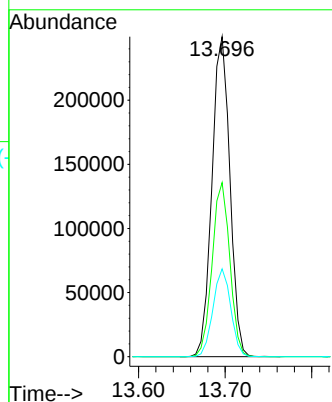
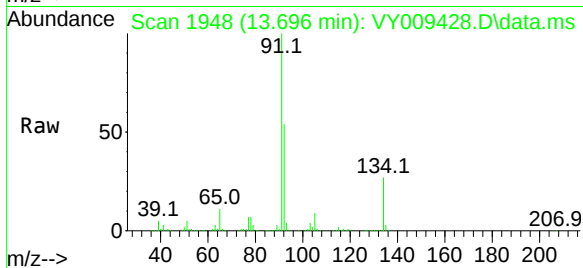
Tgt Ion: 91 Resp: 359231

Ion Ratio Lower Upper

91 100

92 53.7 26.3 78.9

134 27.1 13.0 38.9



#90

Hexachloroethane

Concen: 46.130 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009428.D

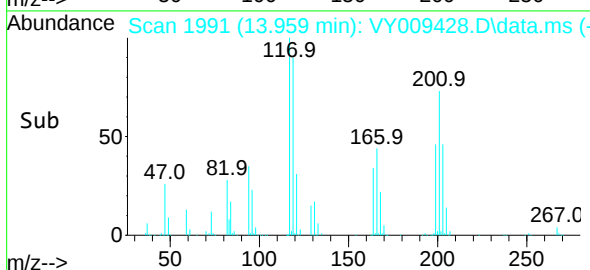
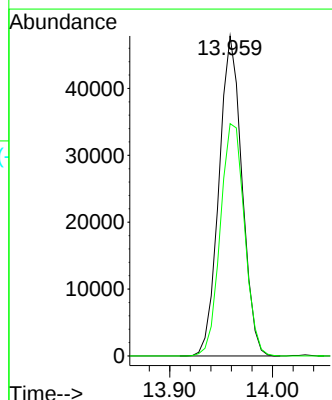
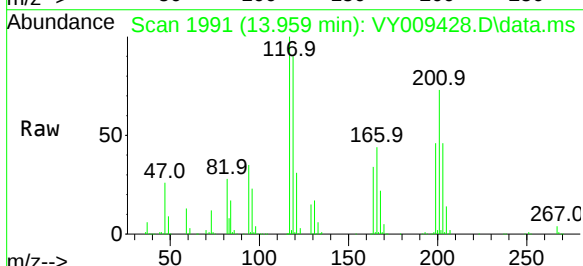
Acq: 05 Jul 2022 10:54

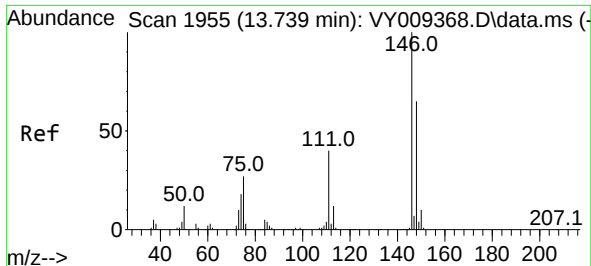
Tgt Ion: 117 Resp: 74226

Ion Ratio Lower Upper

117 100

201 76.3 43.0 128.8

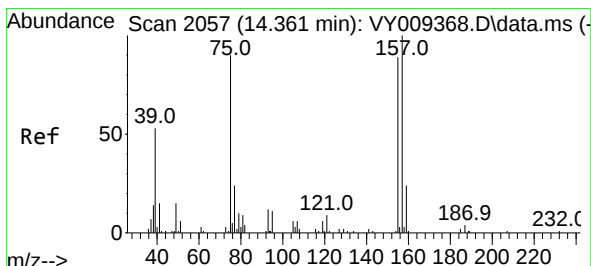
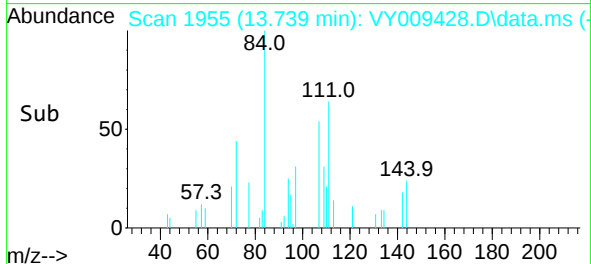
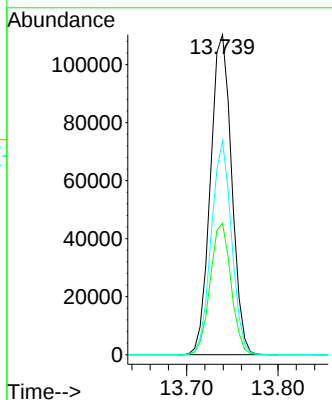
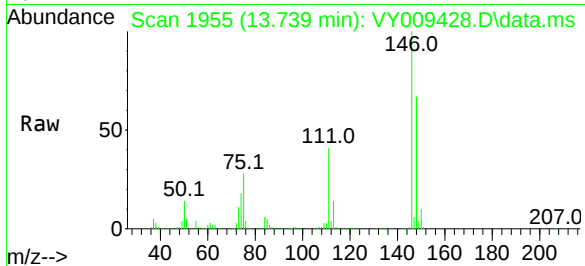




#91
1,2-Dichlorobenzene
Concen: 45.679 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

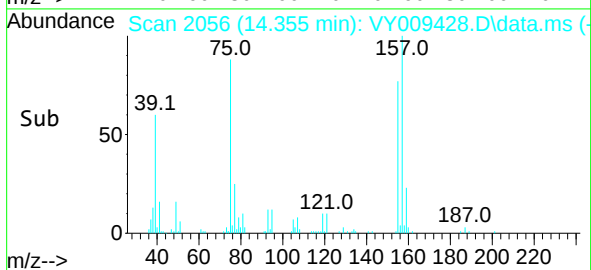
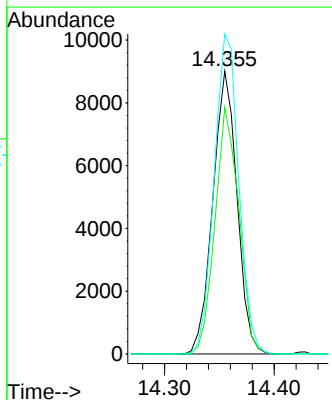
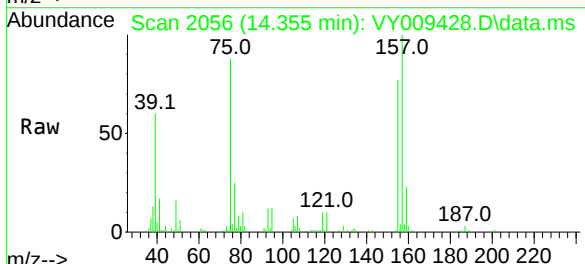
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

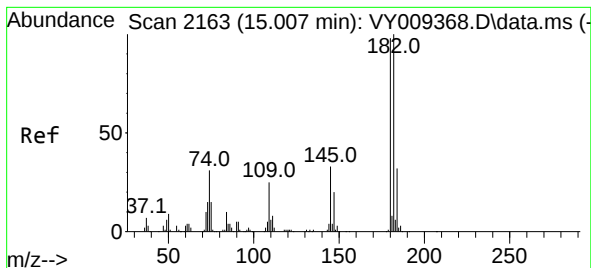
Tgt Ion:146 Resp: 177943
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 63.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.629 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009428.D
Acq: 05 Jul 2022 10:54

Tgt Ion: 75 Resp: 13806
Ion Ratio Lower Upper
75 100
155 86.1 38.0 113.9
157 114.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 45.088 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

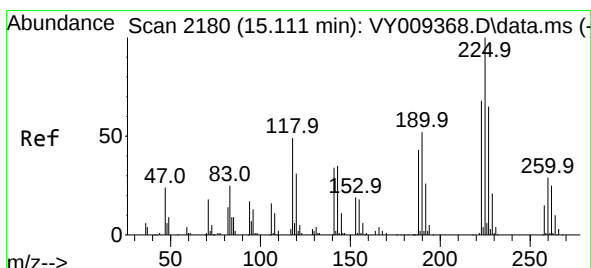
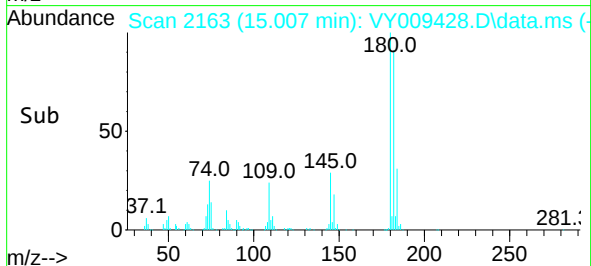
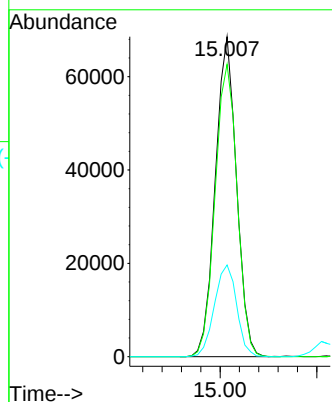
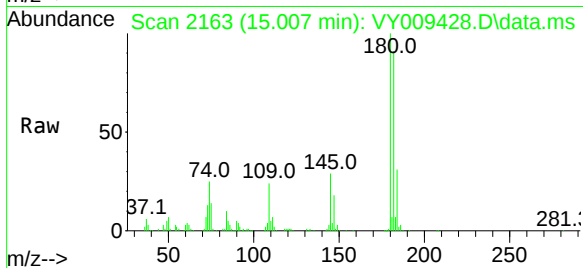
Tgt Ion:180 Resp: 104261

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 43.765 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

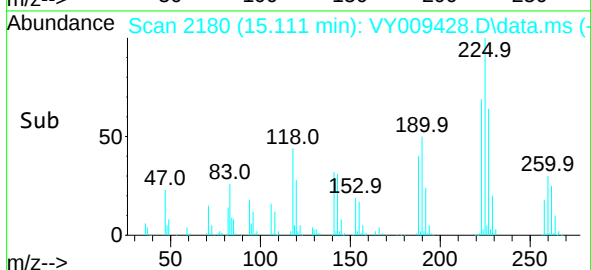
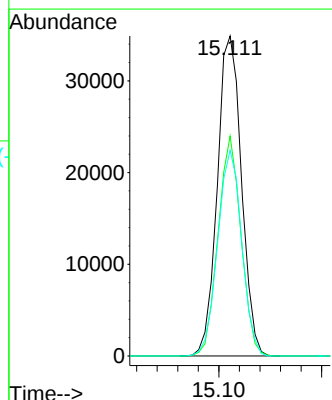
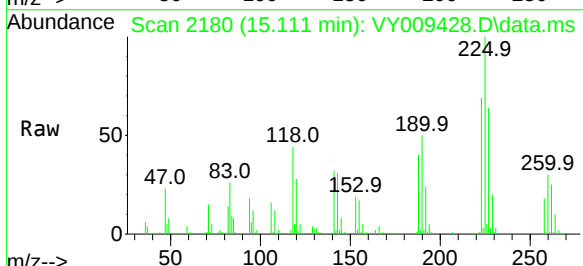
Tgt Ion:225 Resp: 56812

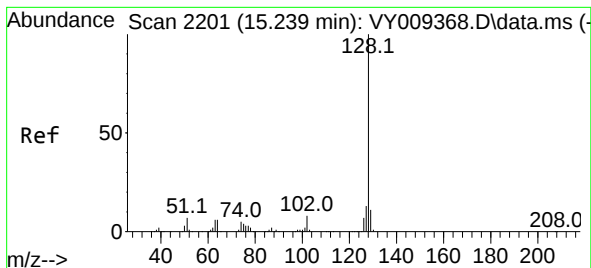
Ion Ratio Lower Upper

225 100

223 65.0 30.8 92.3

227 64.0 31.6 94.7





#95

Naphthalene

Concen: 46.433 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

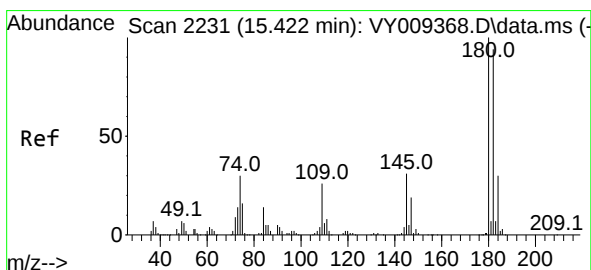
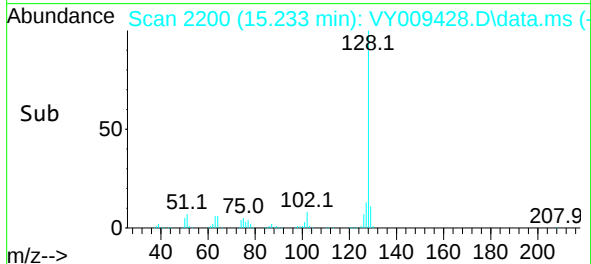
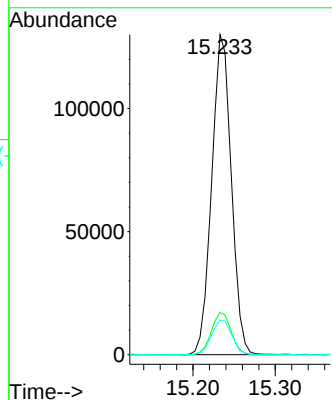
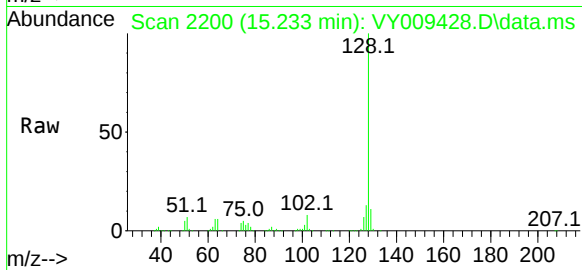
Tgt Ion:128 Resp: 214978

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 45.190 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009428.D

Acq: 05 Jul 2022 10:54

Tgt Ion:180 Resp: 90786

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 32.0 15.3 45.9

