

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009463.D
 Acq On : 07 Jul 2022 10:15
 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 08 02:29:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 02:20:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	141699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	256553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50175	50.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.620%	
35) Dibromofluoromethane	7.710	113	60678	46.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.560%	
50) Toluene-d8	10.173	98	230375	67.653	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 135.300%#	
62) 4-Bromofluorobenzene	12.477	95	117622	64.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 128.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	58283	53.636	ug/l	98
3) Chloromethane	2.107	50	66262	54.605	ug/l	98
4) Vinyl Chloride	2.247	62	75060	54.329	ug/l	98
5) Bromomethane	2.637	94	49383	49.753	ug/l	98
6) Chloroethane	2.784	64	44419	55.068	ug/l	94
7) Trichlorofluoromethane	3.113	101	108695	58.927	ug/l	97
8) Diethyl Ether	3.521	74	33844	47.957	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	65511	52.418	ug/l	92
10) Methyl Iodide	4.082	142	83764	49.889	ug/l	92
11) Tert butyl alcohol	4.948	59	35543	187.911	ug/l	96
12) 1,1-Dichloroethene	3.863	96	57111	49.268	ug/l	81
13) Acrolein	3.723	56	15094	169.650	ug/l	94
14) Allyl chloride	4.473	41	82120	37.728	ug/l #	91
15) Acrylonitrile	5.155	53	84992	218.877	ug/l	99
16) Acetone	3.936	43	91420	225.454	ug/l	92
17) Carbon Disulfide	4.186	76	123611	33.673	ug/l	99
18) Methyl Acetate	4.460	43	38136	37.680	ug/l #	85
19) Methyl tert-butyl Ether	5.210	73	174715	49.799	ug/l	92
20) Methylene Chloride	4.704	84	71506	43.166	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	65027	47.876	ug/l #	76
22) Diisopropyl ether	6.112	45	188148	43.080	ug/l #	91
23) Vinyl Acetate	6.051	43	622847	197.908	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	112554	47.072	ug/l	98
25) 2-Butanone	6.978	43	120325	215.782	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	115449	48.988	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	80060	50.068	ug/l	84
28) Bromochloromethane	7.326	49	49034	48.791	ug/l #	66
29) Tetrahydrofuran	7.338	42	71082	197.085	ug/l #	83
30) Chloroform	7.496	83	127724	48.807	ug/l	100
31) Cyclohexane	7.777	56	84920	36.529	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	120372	52.172	ug/l	95
36) 1,1-Dichloropropene	7.911	75	87583	41.479	ug/l	95
37) Ethyl Acetate	7.064	43	50454	38.120	ug/l #	94
38) Carbon Tetrachloride	7.893	117	111384	49.323	ug/l	97
39) Methylcyclohexane	9.179	83	145502	57.407	ug/l	91
40) Benzene	8.155	78	256965	41.443	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	68482	99.642	ug/l #	42
42) 1,2-Dichloroethane	8.228	62	83131	44.658	ug/l	93
43) Isopropyl Acetate	8.265	43	96702	39.157	ug/l #	91
44) Trichloroethene	8.929	130	106153	60.604	ug/l	96
45) 1,2-Dichloropropane	9.209	63	100787	64.230	ug/l	94
46) Dibromomethane	9.301	93	56991	61.882	ug/l	97
47) Bromodichloromethane	9.490	83	138461	63.165	ug/l	99
48) Methyl methacrylate	9.289	41	67380	63.326	ug/l #	90
49) 1,4-Dioxane	9.295	88	16111	1187.884	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	416365	320.593	ug/l	93
52) Toluene	10.240	92	252656	63.946	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	148654	64.352	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	165148	64.115	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	84348	63.486	ug/l	97
56) Ethyl methacrylate	10.508	69	117652	66.698	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	142618	65.115	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	301265	349.620	ug/l	96
59) 2-Hexanone	10.825	43	296966	329.986	ug/l	91
60) Dibromochloromethane	10.977	129	102801	63.895	ug/l	98
61) 1,2-Dibromoethane	11.087	107	80072	62.865	ug/l	99
64) Tetrachloroethene	10.715	164	115271	53.739	ug/l	94
65) Chlorobenzene	11.514	112	278090	55.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	104913	55.352	ug/l	97
67) Ethyl Benzene	11.587	91	485209	55.160	ug/l	98
68) m/p-Xylenes	11.697	106	380277	110.846	ug/l	94
69) o-Xylene	12.026	106	185366	56.370	ug/l	93
70) Styrene	12.038	104	312632	56.920	ug/l	96
71) Bromoform	12.203	173	67547	55.915	ug/l #	98
73) Isopropylbenzene	12.325	105	490809	54.280	ug/l	99
74) N-amyl acetate	12.142	43	135649	52.727	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	95811	52.921	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	129854	92.780	ug/l #	100
77) Bromobenzene	12.605	156	118408	53.791	ug/l	94
78) n-propylbenzene	12.666	91	588975	53.916	ug/l	97
79) 2-Chlorotoluene	12.752	91	334550	54.702	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	409289	54.153	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	36060	52.731	ug/l #	84
82) 4-Chlorotoluene	12.849	91	347987	54.293	ug/l	97
83) tert-Butylbenzene	13.075	119	366260	54.470	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	412561	54.841	ug/l	99
85) sec-Butylbenzene	13.251	105	541981	54.730	ug/l	98
86) p-Isopropyltoluene	13.367	119	449697	54.478	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	229363	52.786	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	232748	52.924	ug/l	98
89) n-Butylbenzene	13.690	91	423424	54.931	ug/l	98
90) Hexachloroethane	13.959	117	88342	54.545	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	211621	53.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16876	53.181	ug/l	79
93) 1,2,4-Trichlorobenzene	15.001	180	131889	54.319	ug/l	98
94) Hexachlorobutadiene	15.111	225	72283	54.149	ug/l	97
95) Naphthalene	15.233	128	281407	56.055	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	113836	54.131	ug/l	98

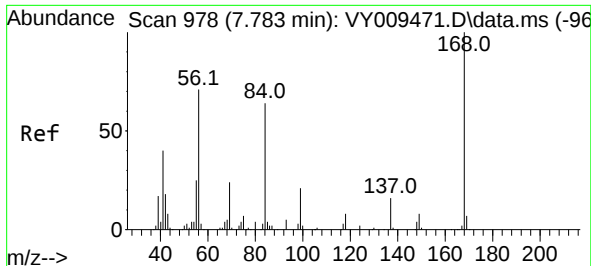
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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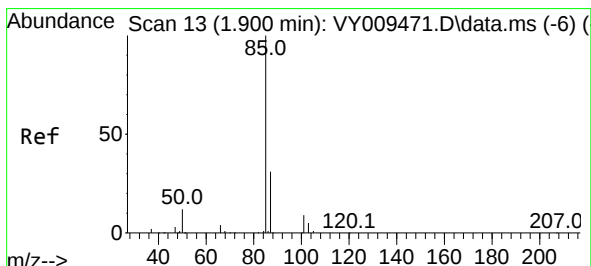
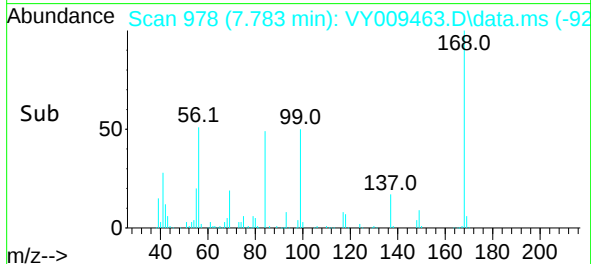
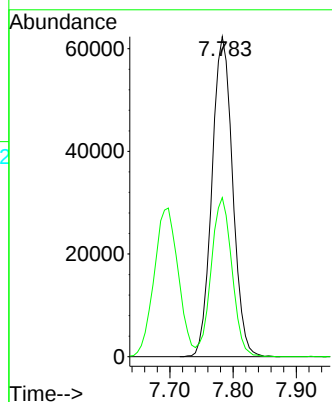
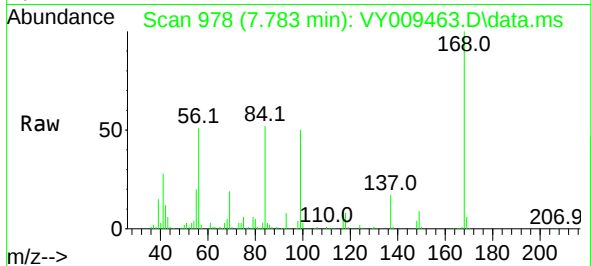
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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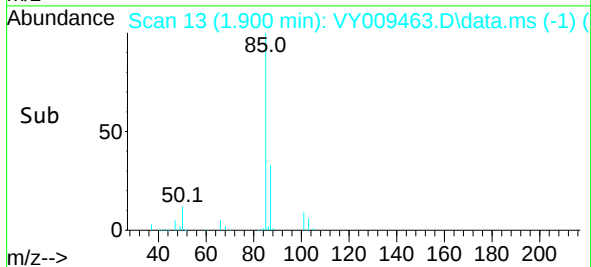
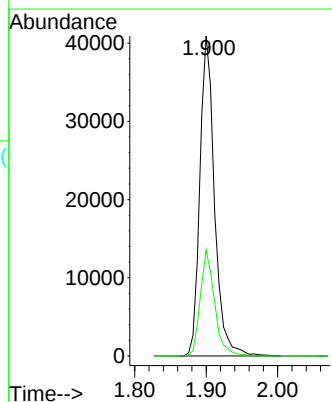
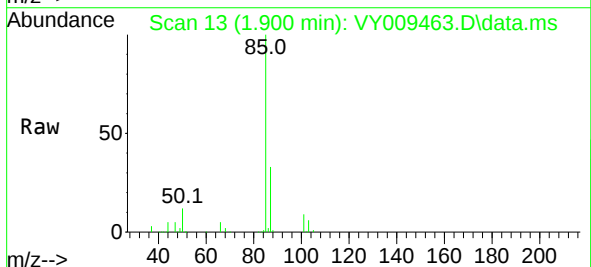
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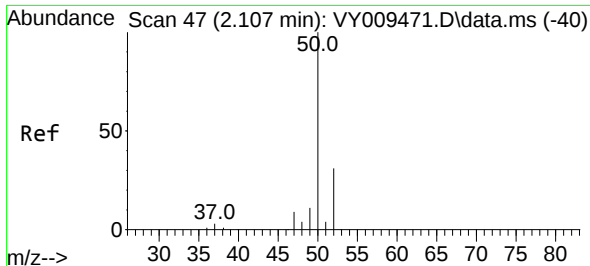
Tgt Ion:168 Resp: 141699
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 53.636 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 85 Resp: 58283
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

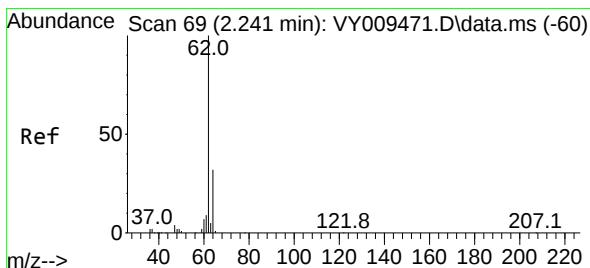
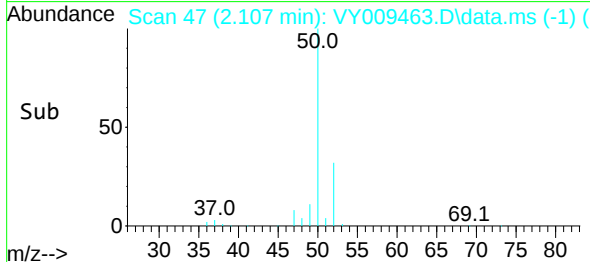
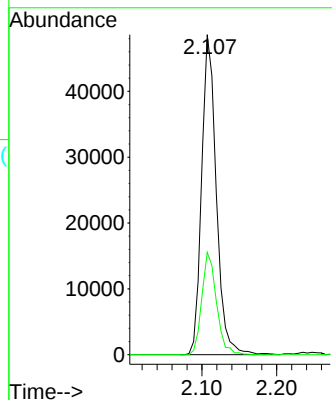
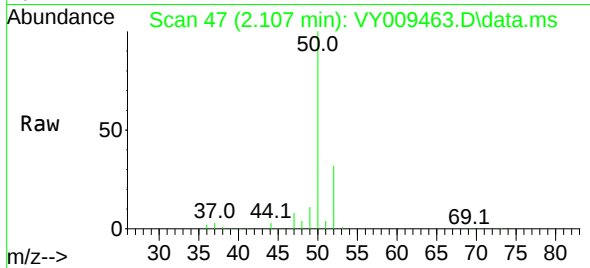




#3
Chloromethane
Concen: 54.605 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

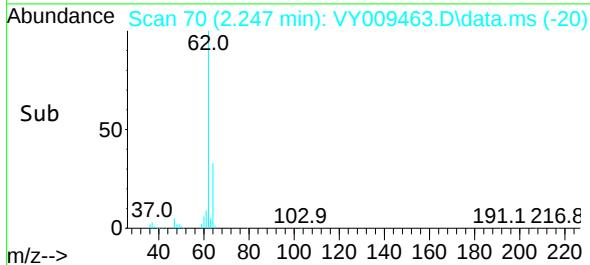
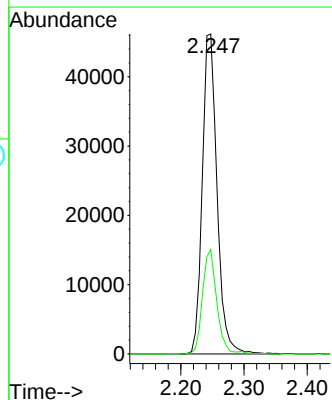
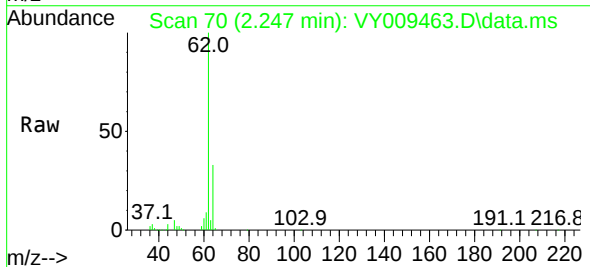
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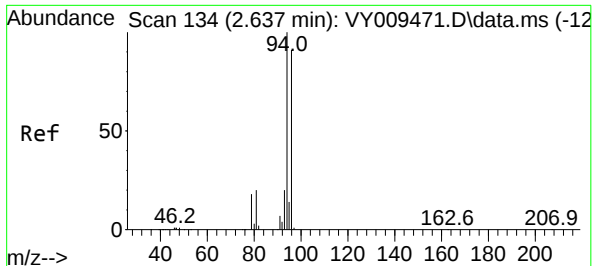
Tgt Ion: 50 Resp: 66262
Ion Ratio Lower Upper
50 100
52 32.0 24.6 37.0



#4
Vinyl Chloride
Concen: 54.329 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 62 Resp: 75060
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6

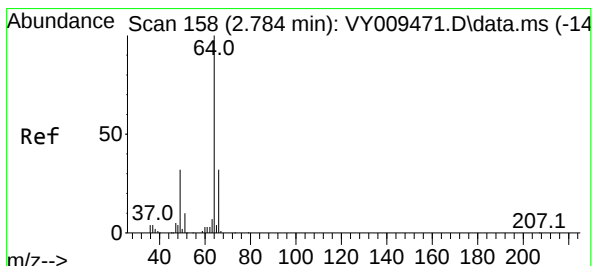
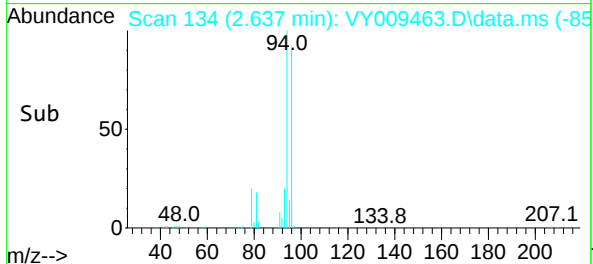
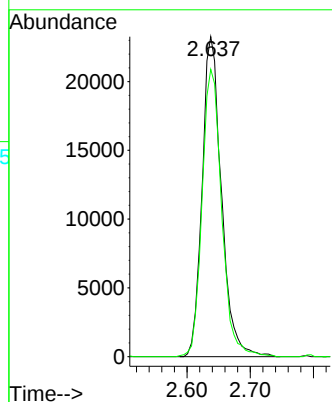
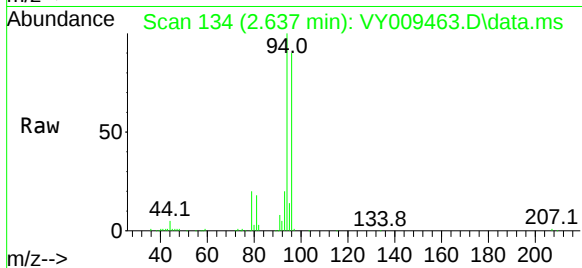




#5
Bromomethane
Concen: 49.753 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

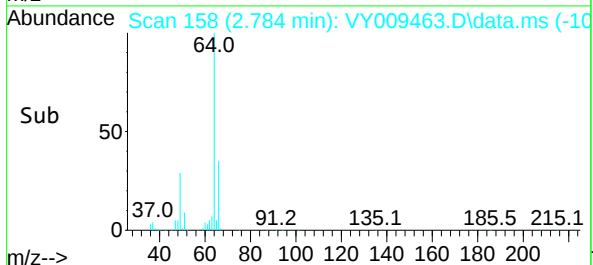
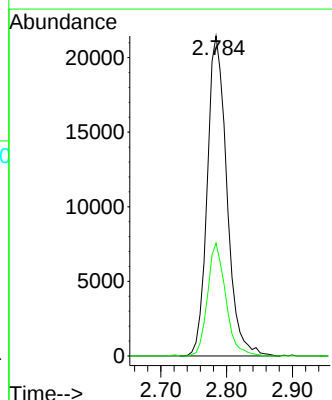
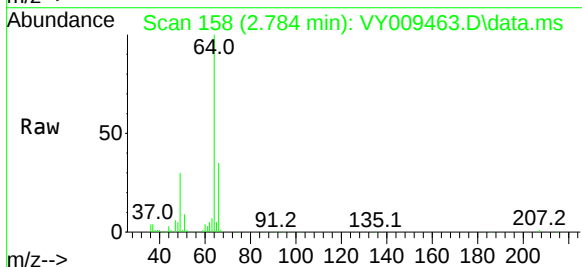
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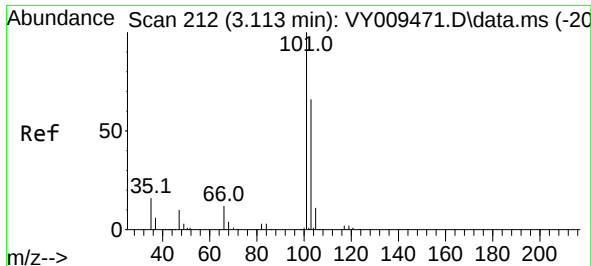
Tgt Ion: 94 Resp: 49383
Ion Ratio Lower Upper
94 100
96 89.8 73.5 110.3



#6
Chloroethane
Concen: 55.068 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 64 Resp: 44419
Ion Ratio Lower Upper
64 100
66 35.2 25.4 38.0

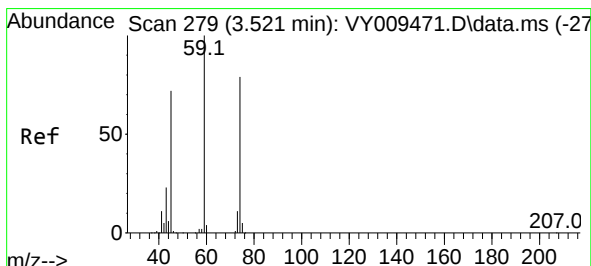
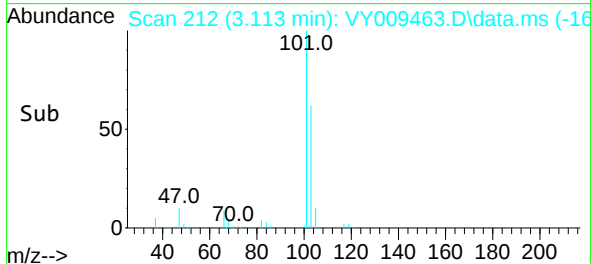
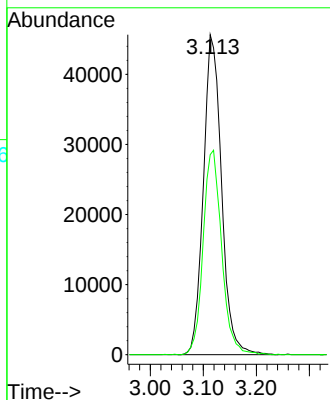
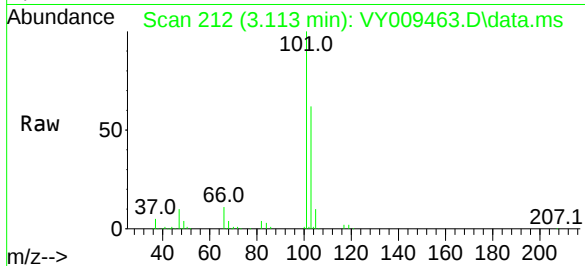




#7
Trichlorofluoromethane
Concen: 58.927 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

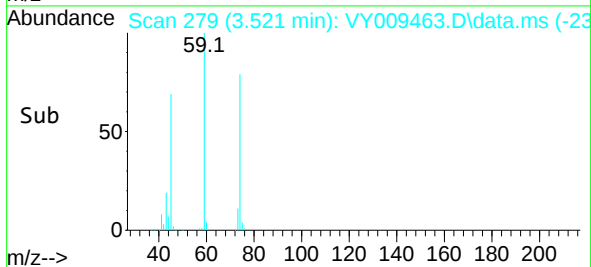
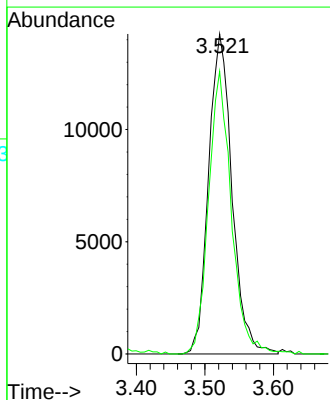
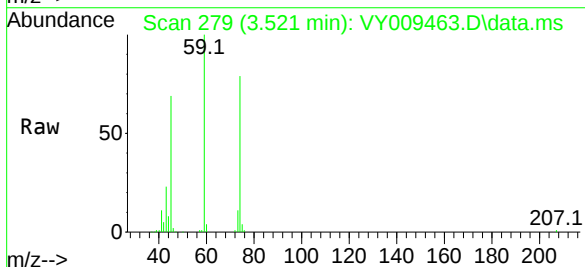
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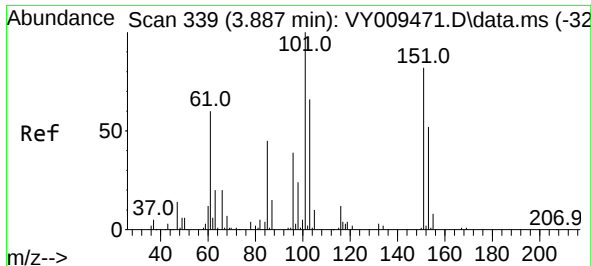
Tgt Ion:101 Resp: 108695
Ion Ratio Lower Upper
101 100
103 62.5 48.0 72.0



#8
Diethyl Ether
Concen: 47.957 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 74 Resp: 33844
Ion Ratio Lower Upper
74 100
45 86.0 55.1 165.5

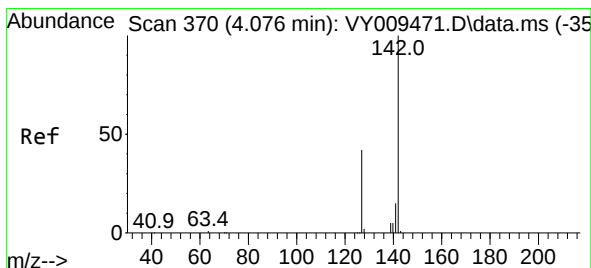
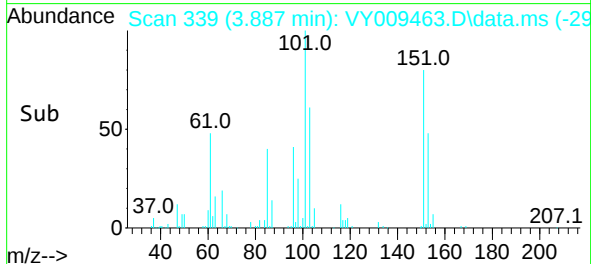
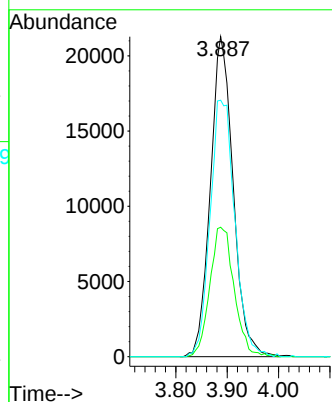
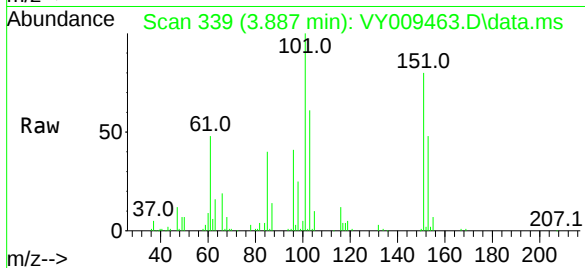




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.418 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

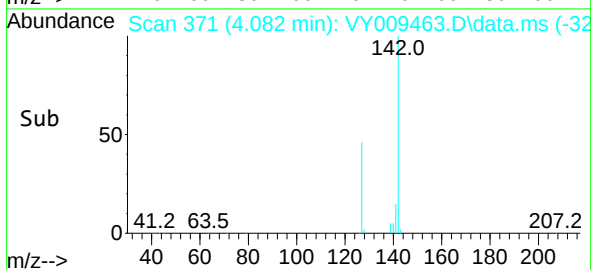
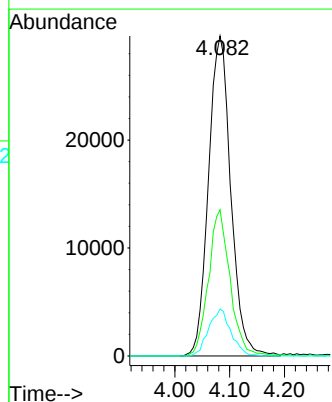
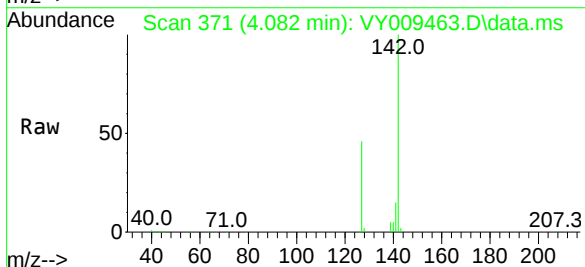
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 65511
Ion Ratio Lower Upper
101 100
85 43.1 40.6 60.8
151 86.9 64.9 97.3



#10
Methyl Iodide
Concen: 49.889 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion:142 Resp: 83764
Ion Ratio Lower Upper
142 100
127 44.4 41.5 62.3
141 14.7 11.9 17.9

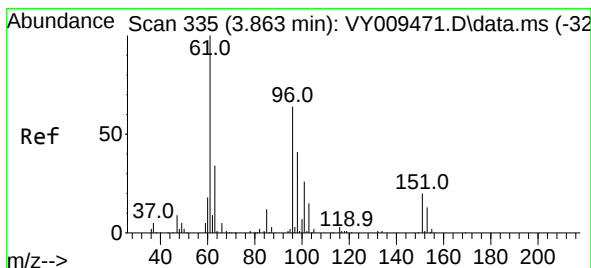
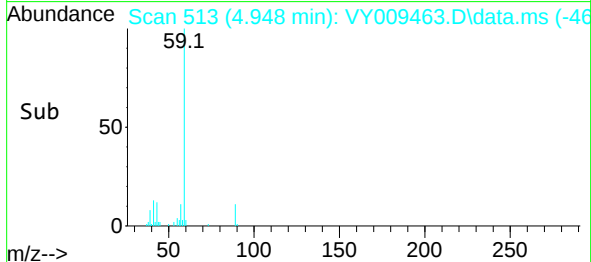
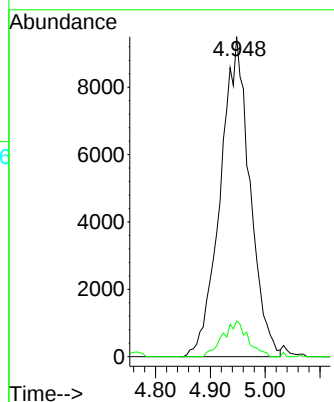
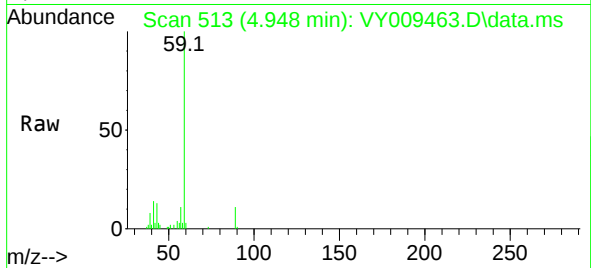




#11
Tert butyl alcohol
Concen: 187.911 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

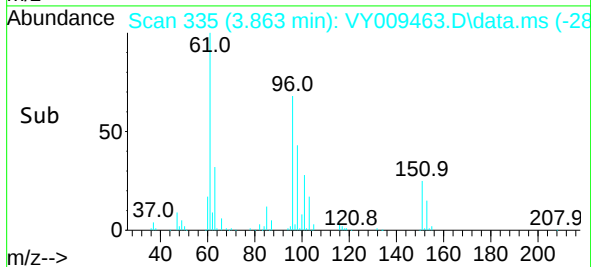
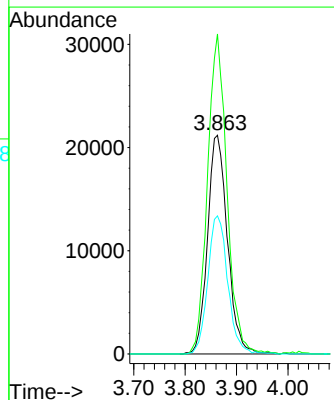
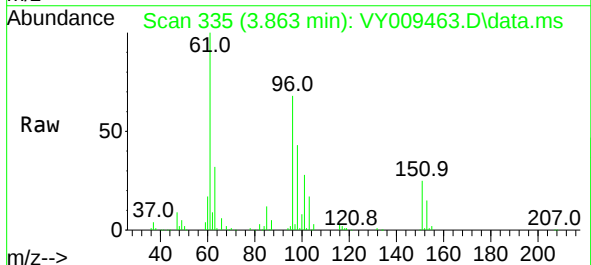
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

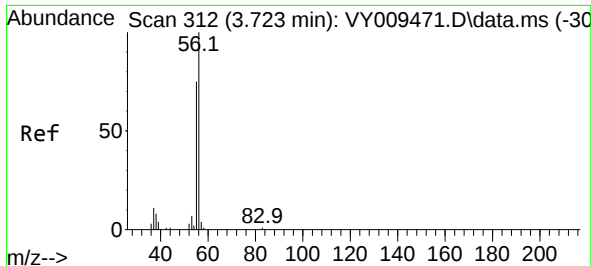
Tgt Ion: 59 Resp: 35543
Ion Ratio Lower Upper
59 100
57 9.5 6.4 9.6



#12
1,1-Dichloroethene
Concen: 49.268 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 96 Resp: 57111
Ion Ratio Lower Upper
96 100
61 146.3 145.8 218.6
98 63.1 52.5 78.7





#13

Acrolein

Concen: 169.650 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

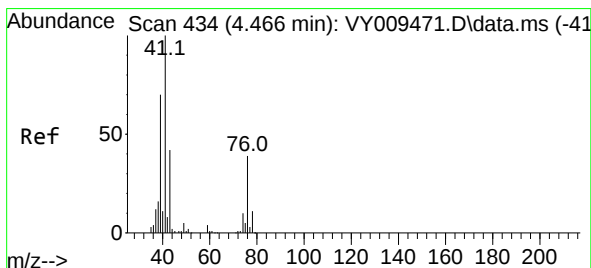
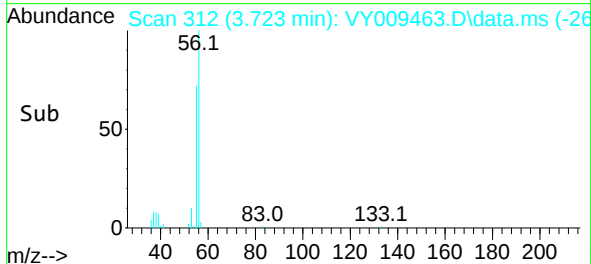
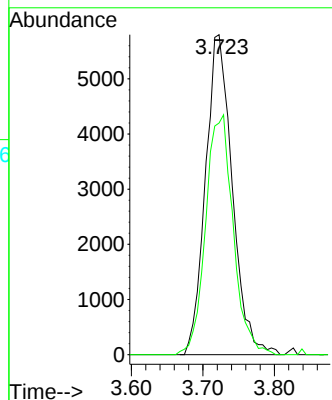
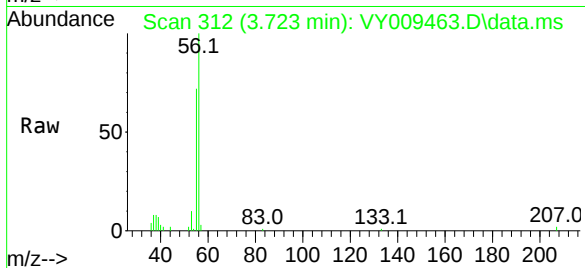
VSTDCCC050

Tgt Ion: 56 Resp: 15094

Ion Ratio Lower Upper

56 100

55 77.1 57.6 86.4



#14

Allyl chloride

Concen: 37.728 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.007 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

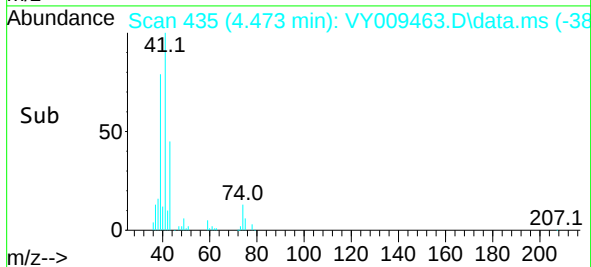
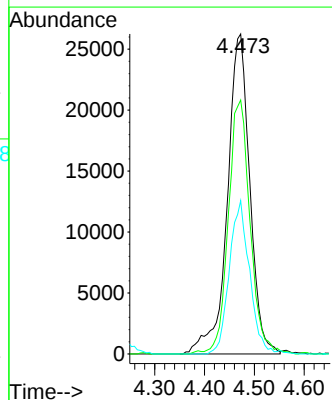
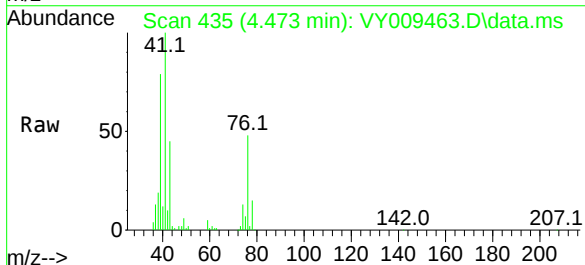
Tgt Ion: 41 Resp: 82120

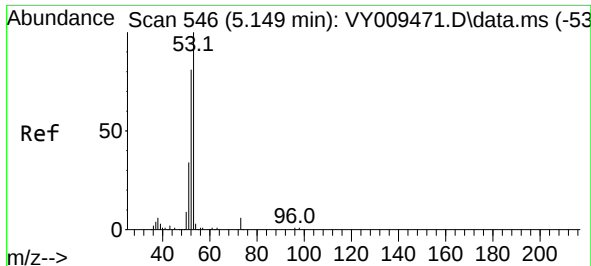
Ion Ratio Lower Upper

41 100

39 76.7 58.8 88.2

76 43.3 25.1 37.7#

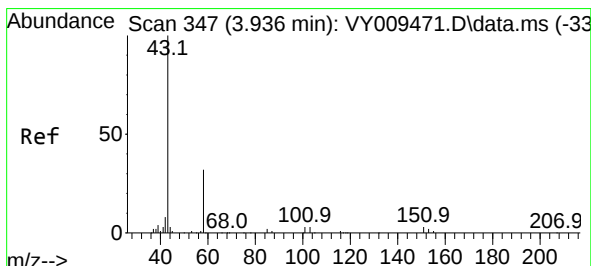
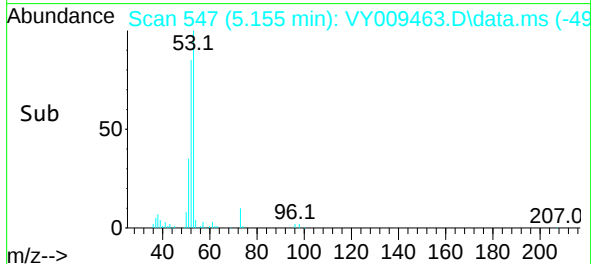
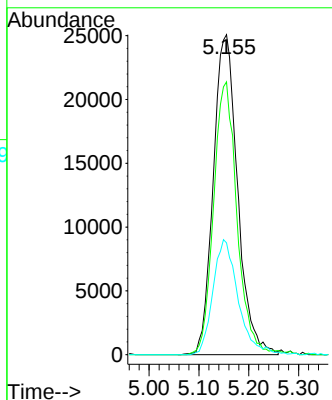
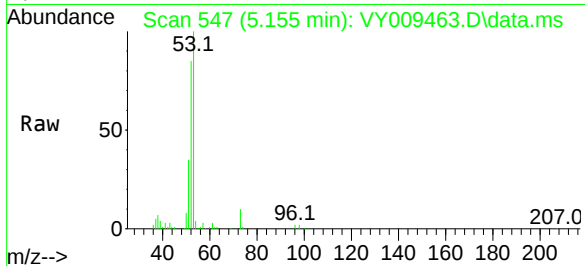




#15
Acrylonitrile
Concen: 218.877 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

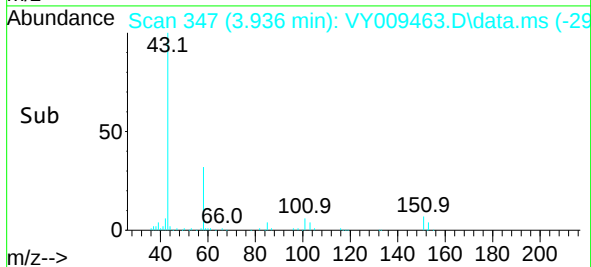
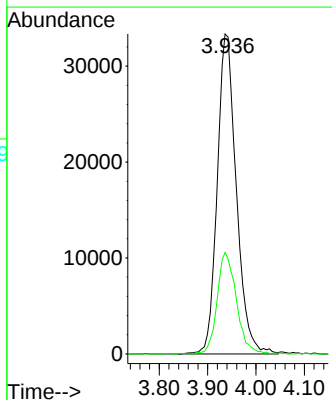
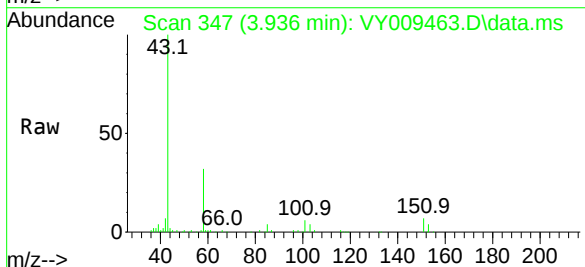
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

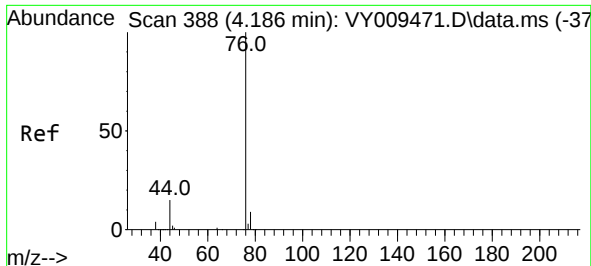
Tgt Ion: 53 Resp: 84992
Ion Ratio Lower Upper
53 100
52 82.1 67.0 100.4
51 37.2 29.8 44.6



#16
Acetone
Concen: 225.454 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 43 Resp: 91420
Ion Ratio Lower Upper
43 100
58 31.7 22.0 33.0

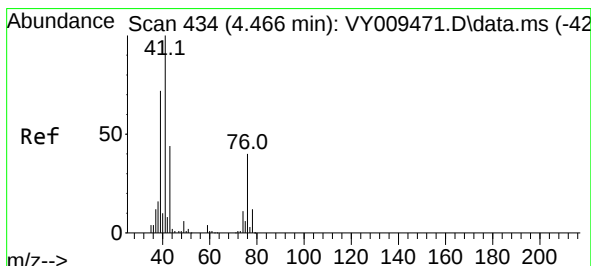
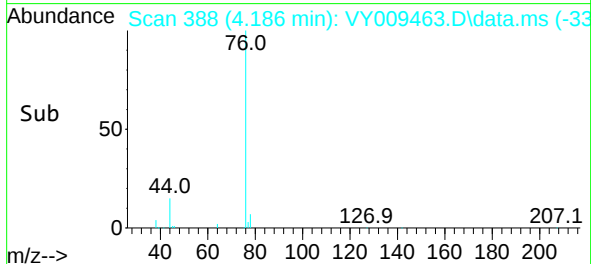
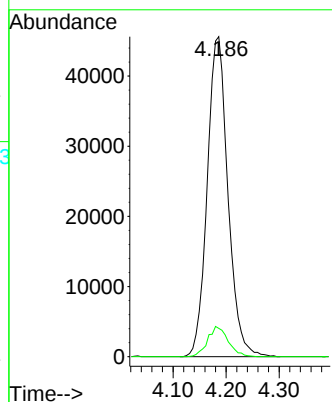
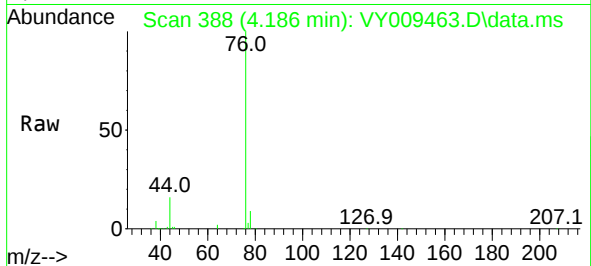




#17
Carbon Disulfide
Concen: 33.673 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

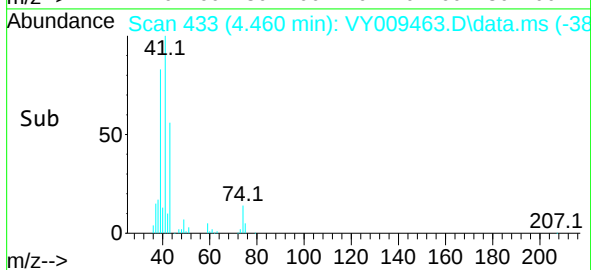
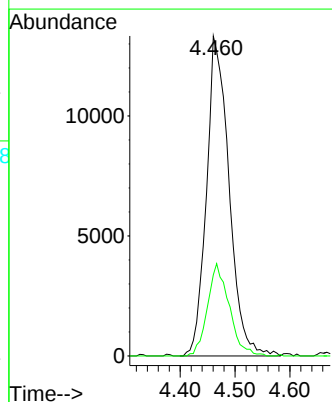
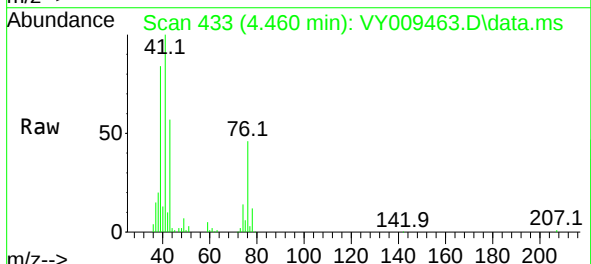
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

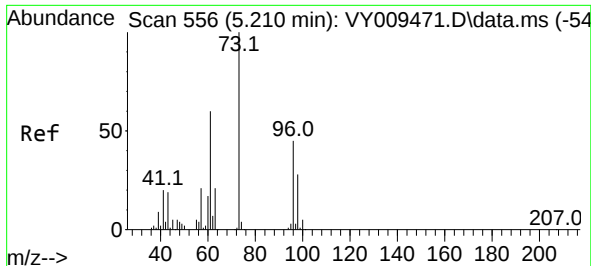
Tgt Ion: 76 Resp: 123611
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 37.680 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 43 Resp: 38136
Ion Ratio Lower Upper
43 100
74 27.7 16.6 24.8#

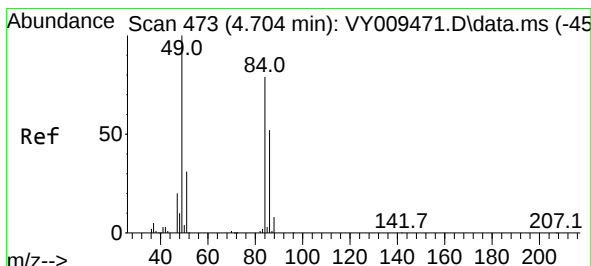
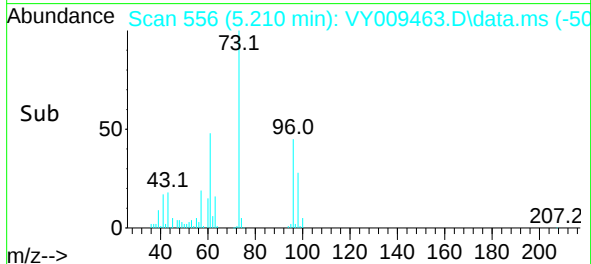
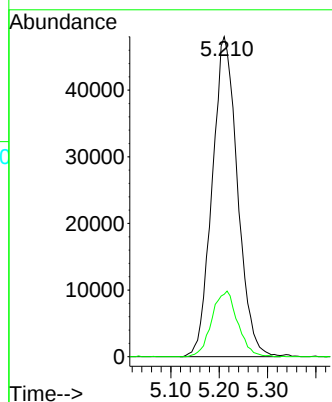
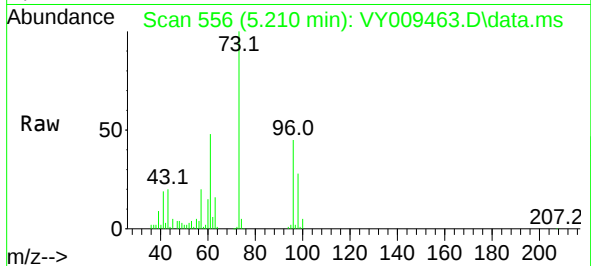




#19
Methyl tert-butyl Ether
Concen: 49.799 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

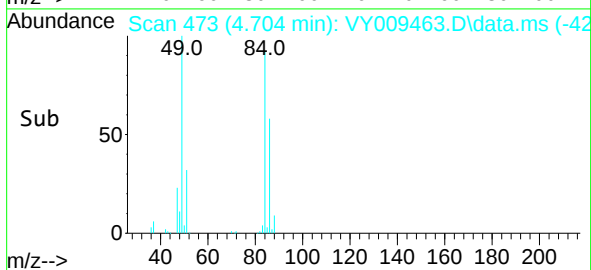
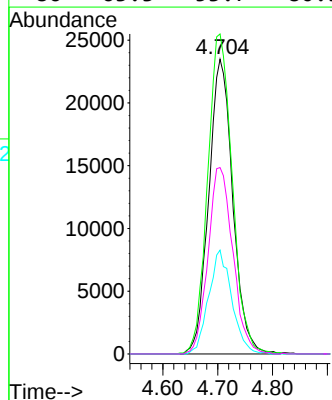
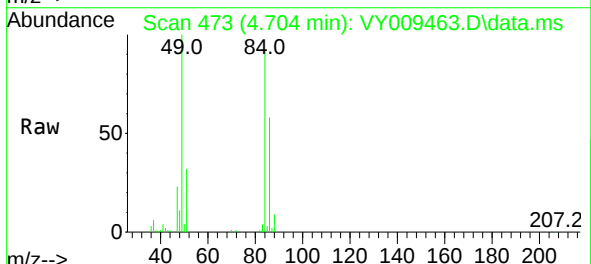
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

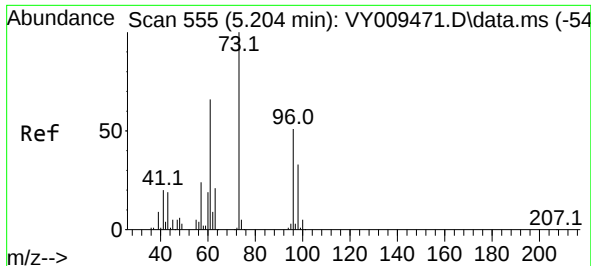
Tgt Ion: 73 Resp: 174715
Ion Ratio Lower Upper
73 100
57 19.5 18.6 27.8



#20
Methylene Chloride
Concen: 43.166 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 84 Resp: 71506
Ion Ratio Lower Upper
84 100
49 108.3 114.4 171.6#
51 35.2 35.3 52.9#
86 63.3 53.7 80.5

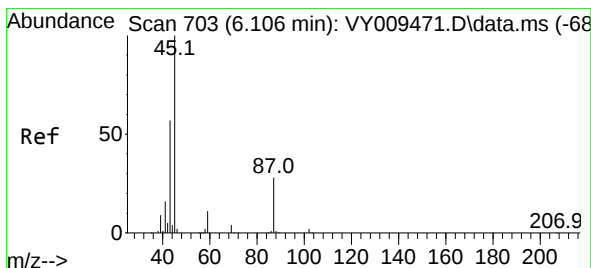
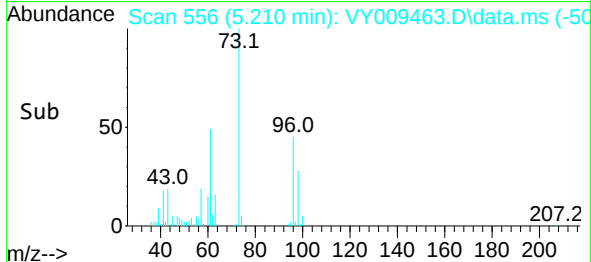
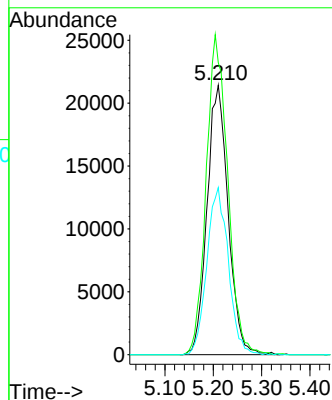
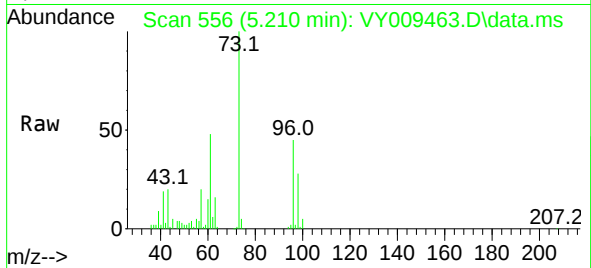




#21
trans-1,2-Dichloroethene
Concen: 47.876 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

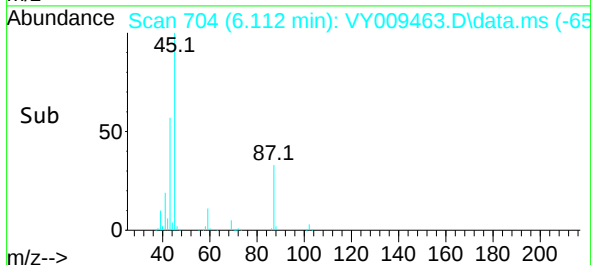
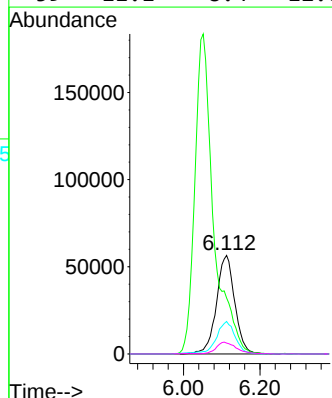
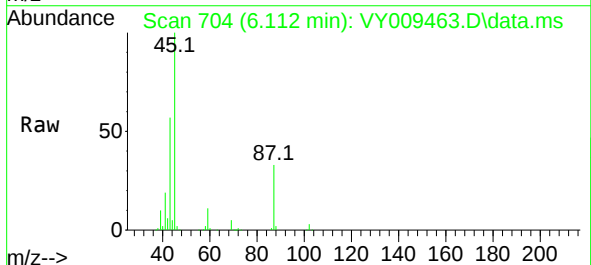
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

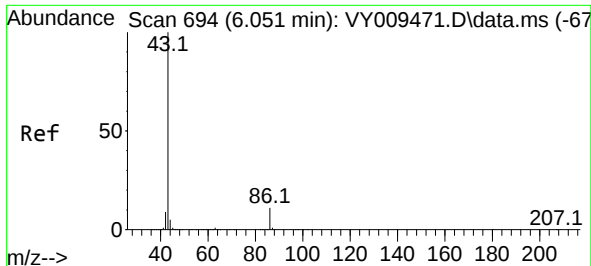
Tgt Ion: 96 Resp: 65027
Ion Ratio Lower Upper
96 100
61 108.4 120.5 180.7#
98 62.0 49.8 74.8



#22
Diisopropyl ether
Concen: 43.080 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 45 Resp: 188148
Ion Ratio Lower Upper
45 100
43 56.5 49.3 73.9
87 33.0 19.2 28.8#
59 11.1 8.4 12.6

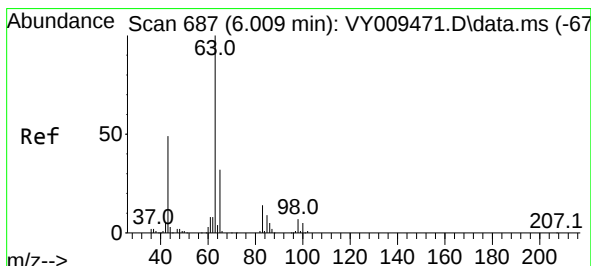
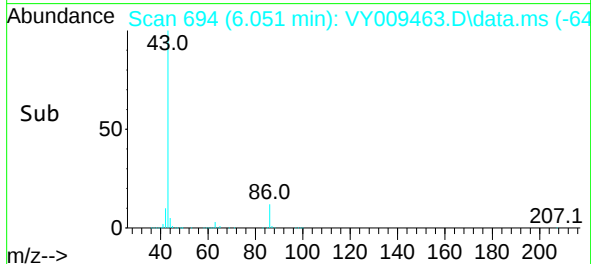
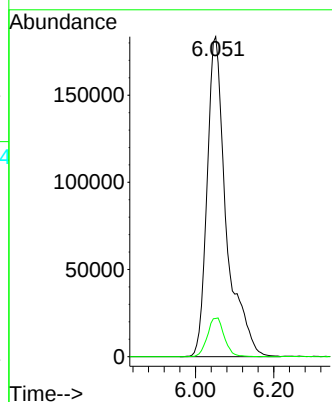
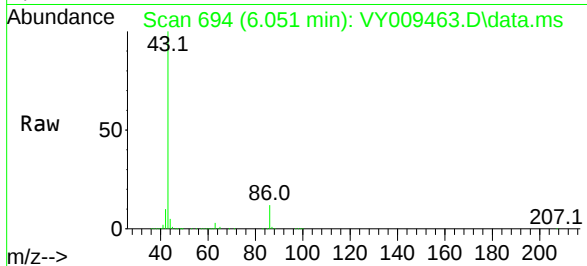




#23
 Vinyl Acetate
 Concen: 197.908 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009463.D
 Acq: 07 Jul 2022 10:15

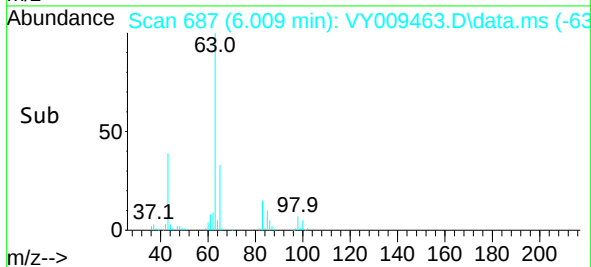
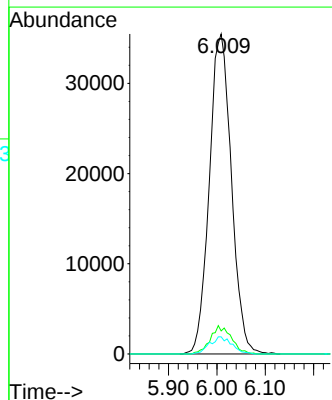
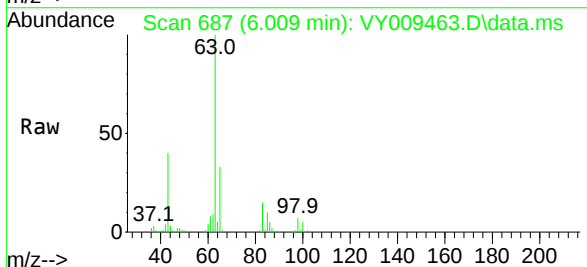
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

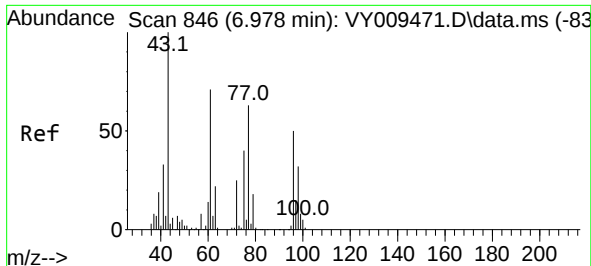
Tgt Ion: 43 Resp: 622847
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 47.072 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY009463.D
 Acq: 07 Jul 2022 10:15

Tgt Ion: 63 Resp: 112554
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 5.3 2.0 5.8

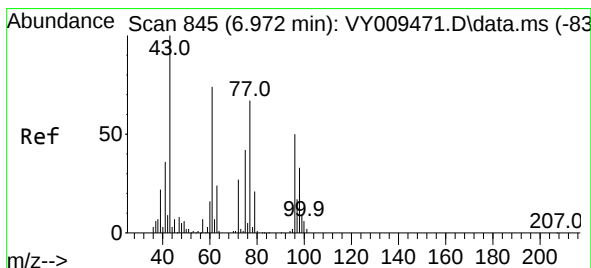
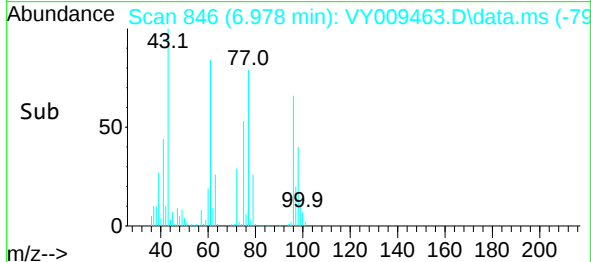
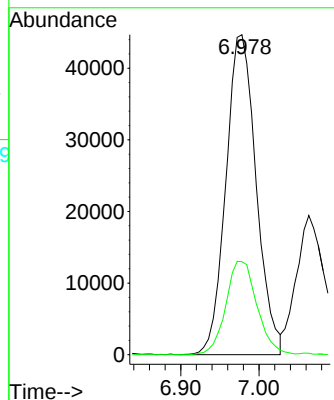
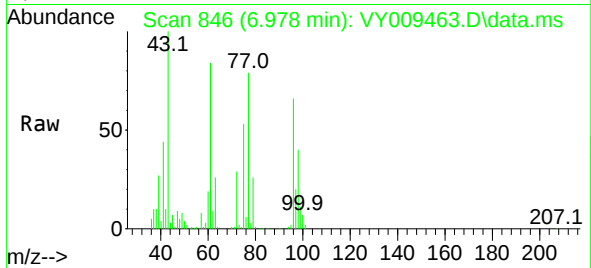




#25
2-Butanone
Concen: 215.782 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

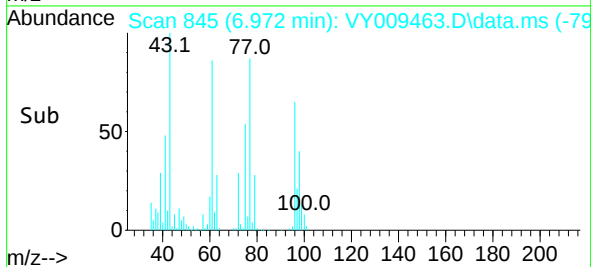
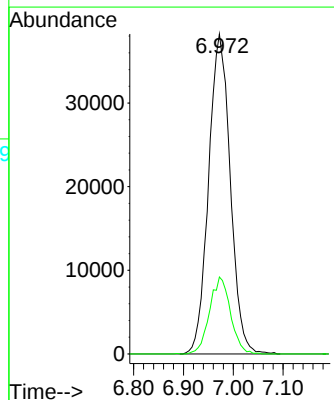
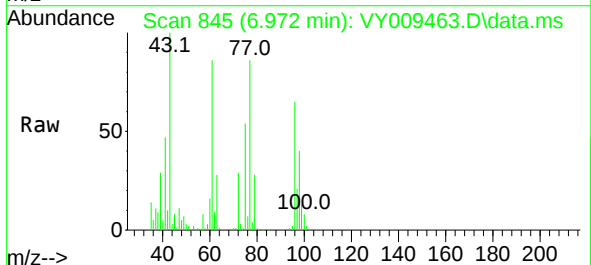
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

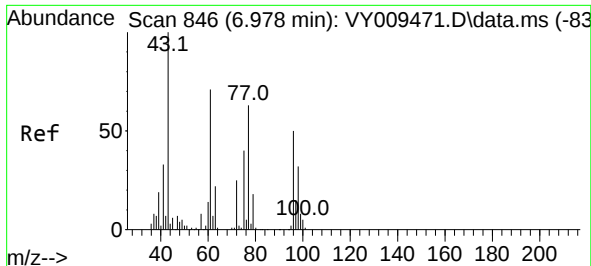
Tgt Ion: 43 Resp: 120325
Ion Ratio Lower Upper
43 100
72 29.1 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 48.988 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 77 Resp: 115449
Ion Ratio Lower Upper
77 100
97 23.2 10.4 31.4

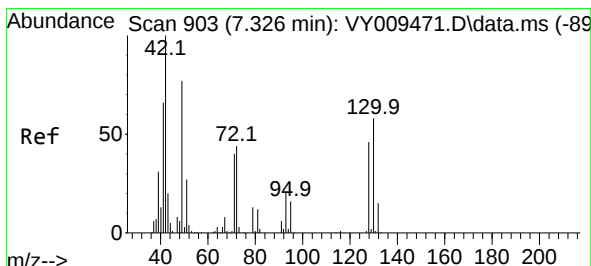
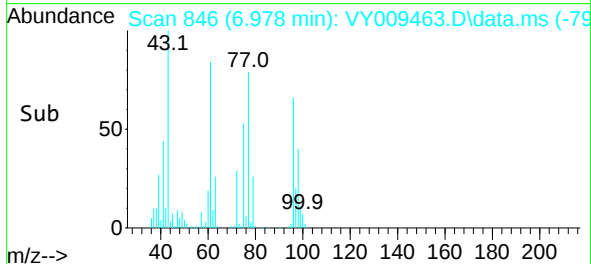
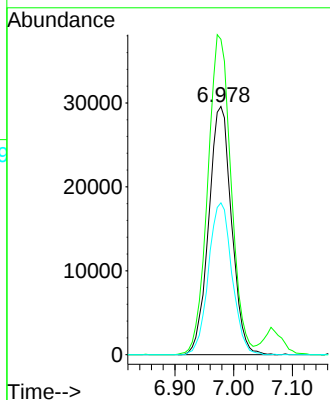
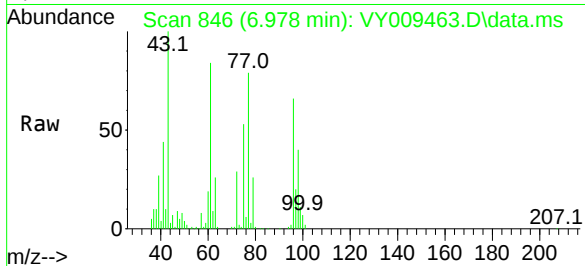




#27
 cis-1,2-Dichloroethene
 Concen: 50.068 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY009463.D
 Acq: 07 Jul 2022 10:15

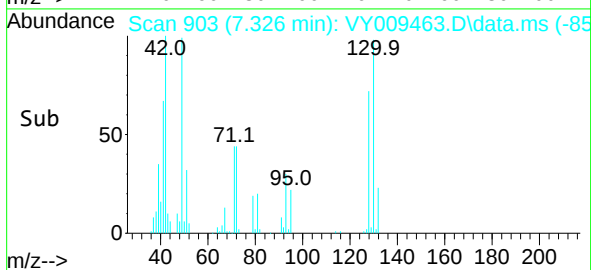
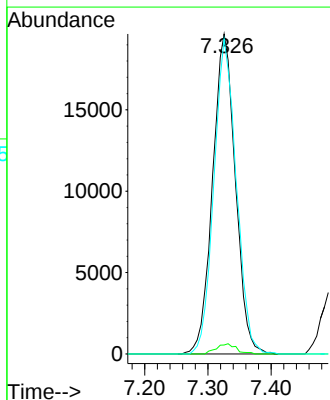
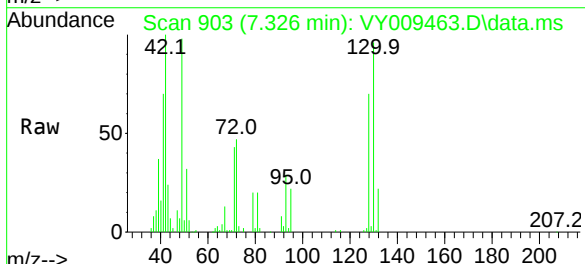
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

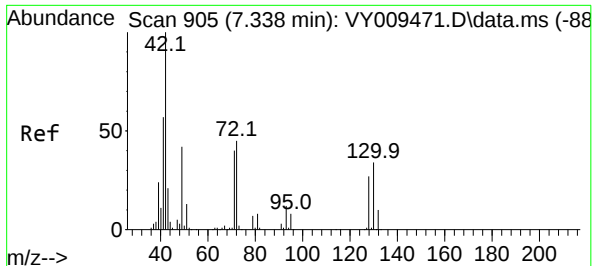
Tgt Ion: 96 Resp: 80060
 Ion Ratio Lower Upper
 96 100
 61 131.1 0.0 319.8
 98 62.7 0.0 127.0



#28
 Bromochloromethane
 Concen: 48.791 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY009463.D
 Acq: 07 Jul 2022 10:15

Tgt Ion: 49 Resp: 49034
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 2.2#
 130 97.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 197.085 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

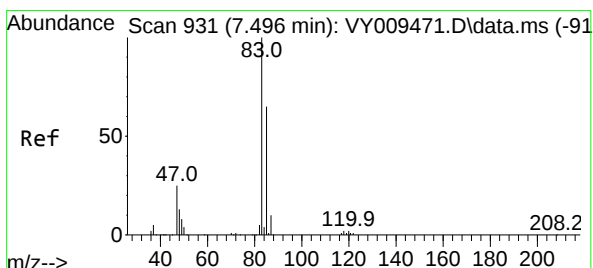
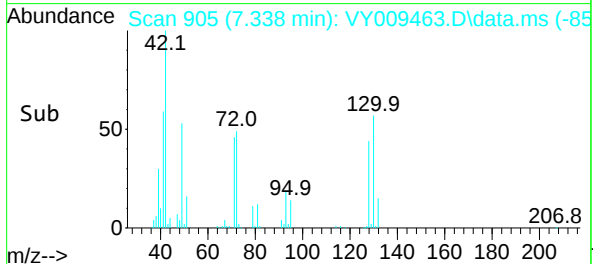
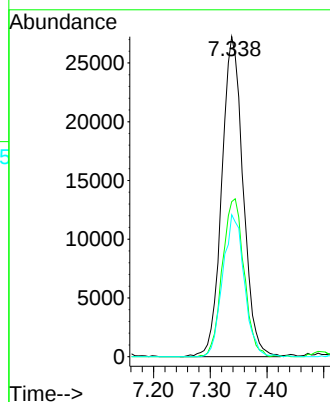
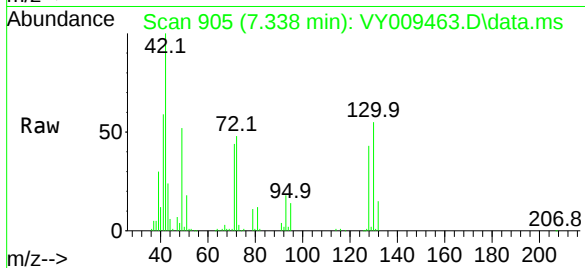
Tgt Ion: 42 Resp: 71082

Ion Ratio Lower Upper

42 100

72 50.1 30.3 45.5#

71 44.7 29.0 43.4#



#30

Chloroform

Concen: 48.807 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009463.D

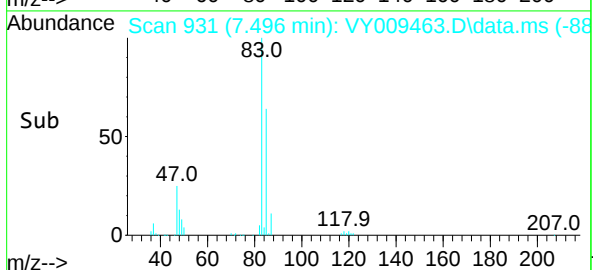
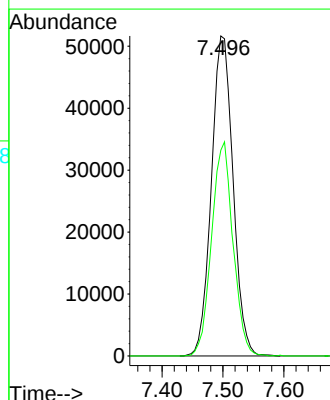
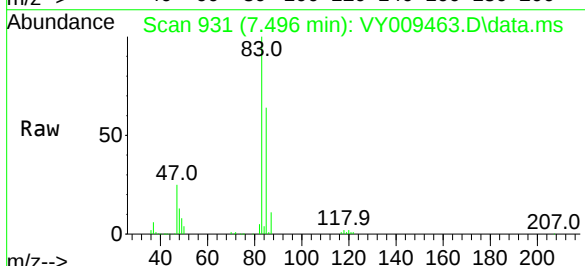
Acq: 07 Jul 2022 10:15

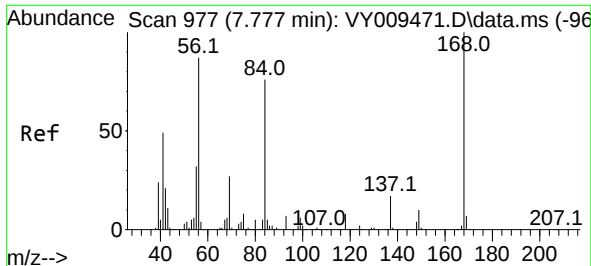
Tgt Ion: 83 Resp: 127724

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

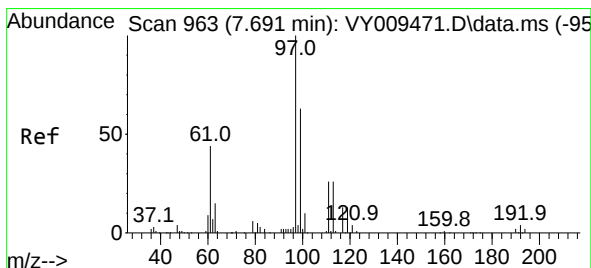
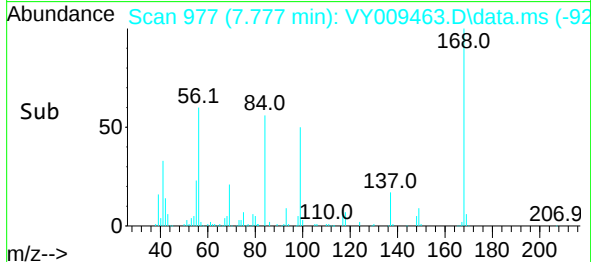
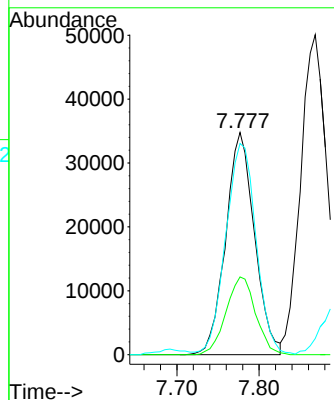
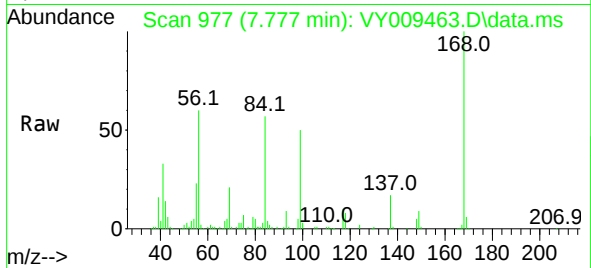




#31
Cyclohexane
Concen: 36.529 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

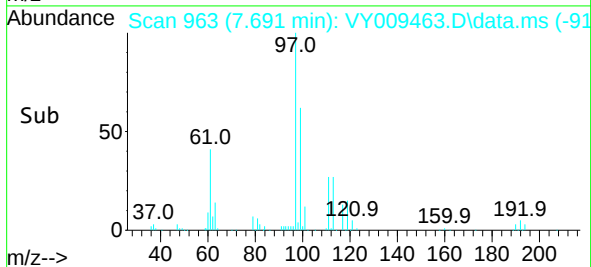
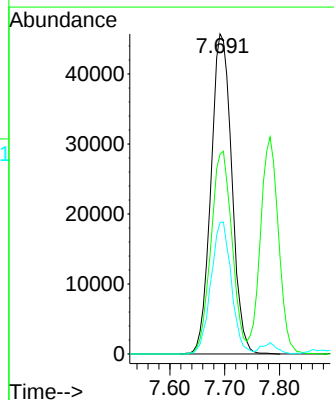
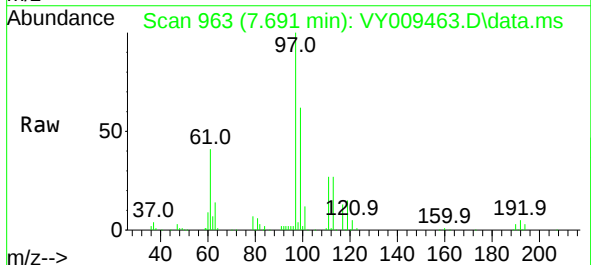
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

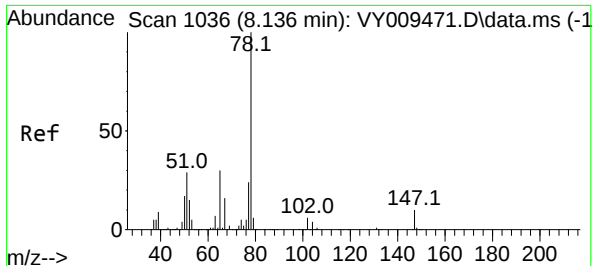
Tgt Ion: 56 Resp: 84920
Ion Ratio Lower Upper
56 100
69 35.0 26.7 40.1
84 93.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.172 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 97 Resp: 120372
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 40.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 50.308 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

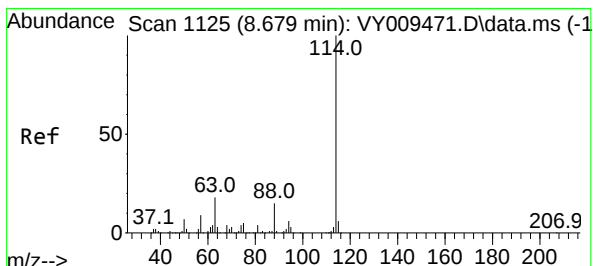
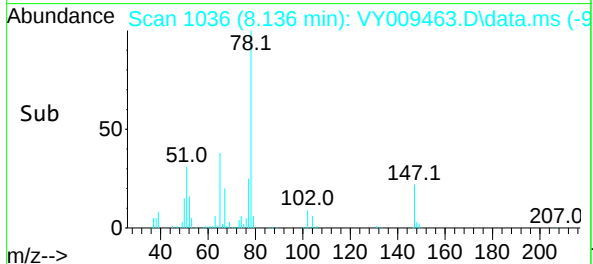
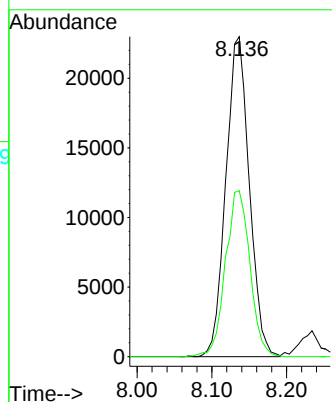
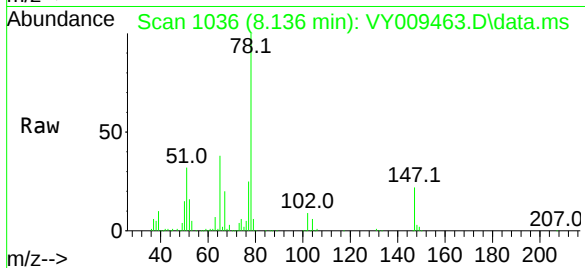
VSTDCCC050

Tgt Ion: 65 Resp: 50175

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

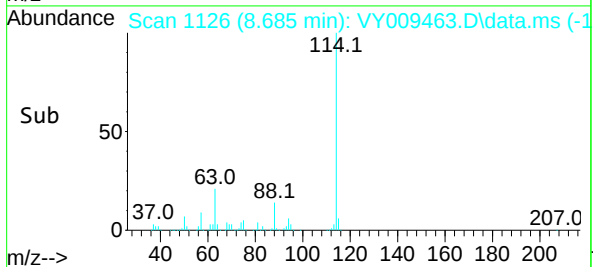
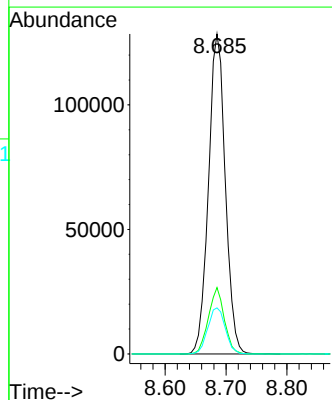
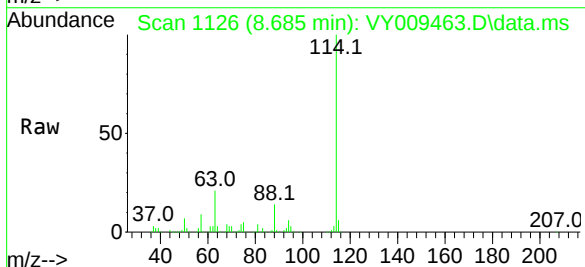
Tgt Ion: 114 Resp: 246493

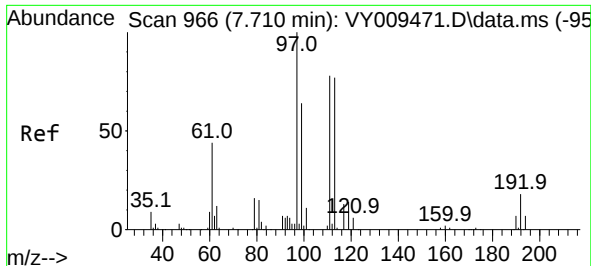
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 14.4 0.0 31.8

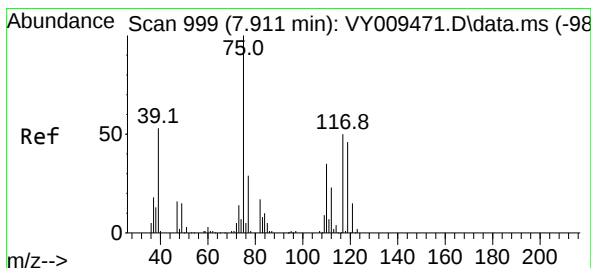
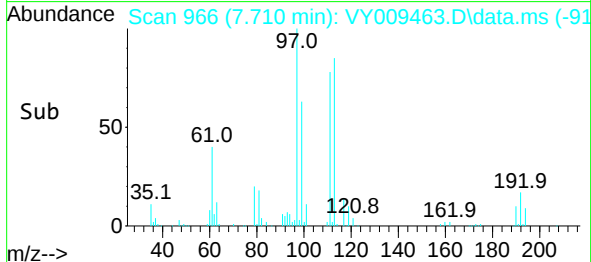
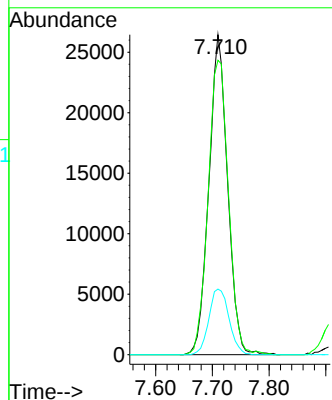
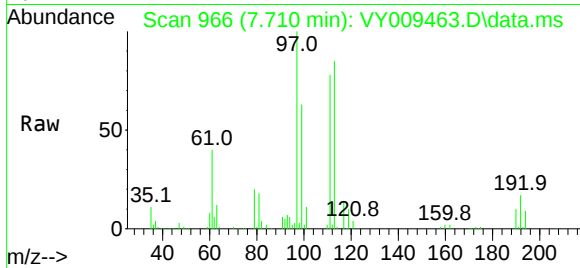




#35
Dibromofluoromethane
Concen: 46.784 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

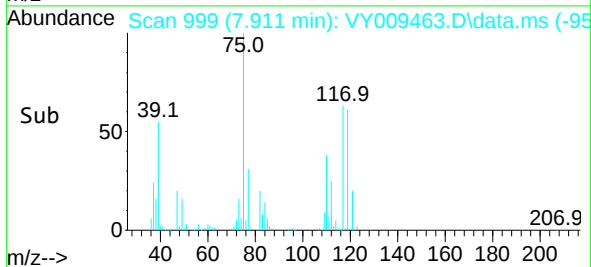
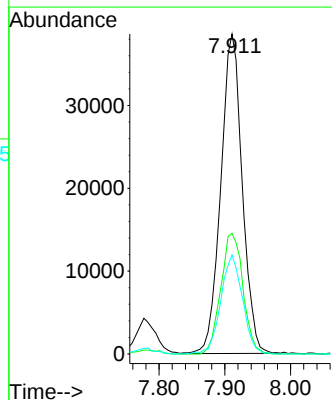
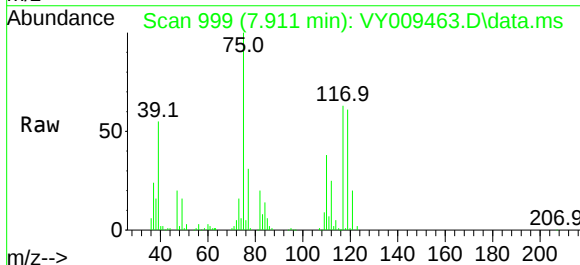
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

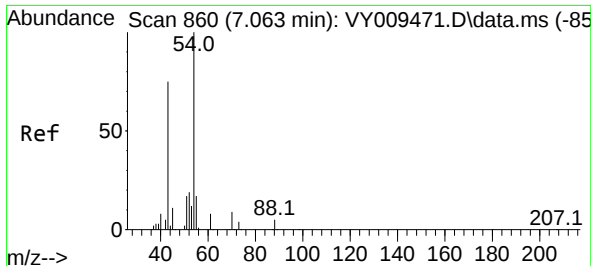
Tgt Ion:113 Resp: 60678
Ion Ratio Lower Upper
113 100
111 99.9 82.6 124.0
192 22.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 41.479 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 75 Resp: 87583
Ion Ratio Lower Upper
75 100
110 39.0 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 38.120 ug/l

RT: 7.064 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

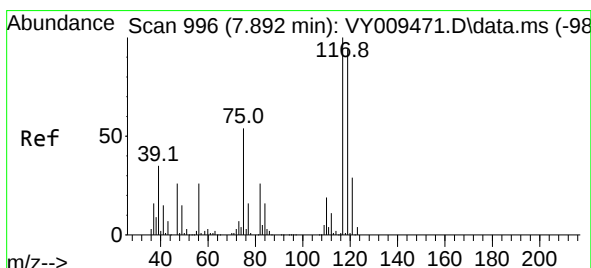
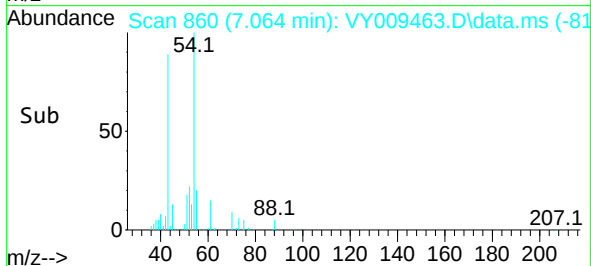
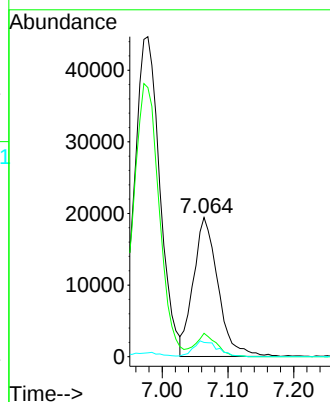
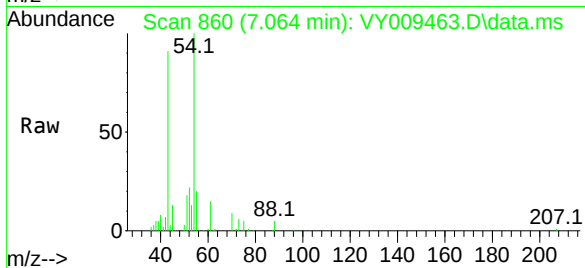
Tgt Ion: 43 Resp: 50454

Ion Ratio Lower Upper

43 100

61 14.7 9.7 14.5#

70 11.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 49.323 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

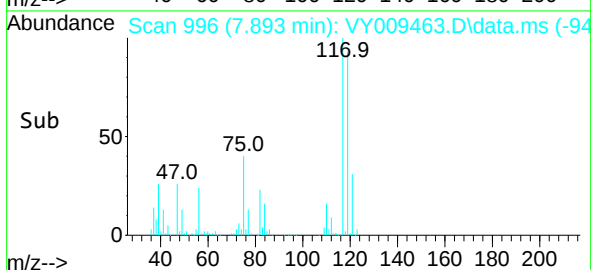
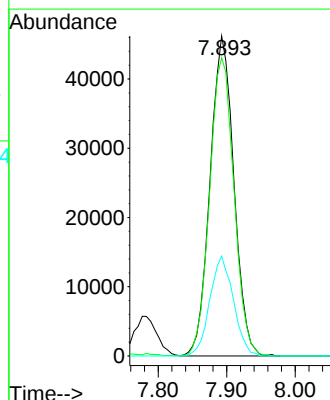
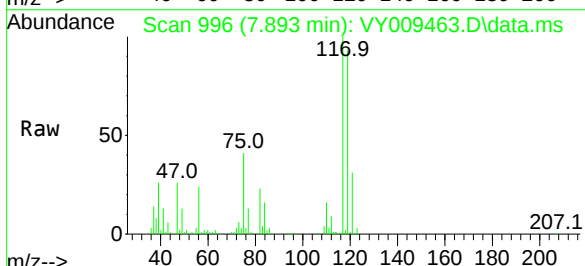
Tgt Ion: 117 Resp: 111384

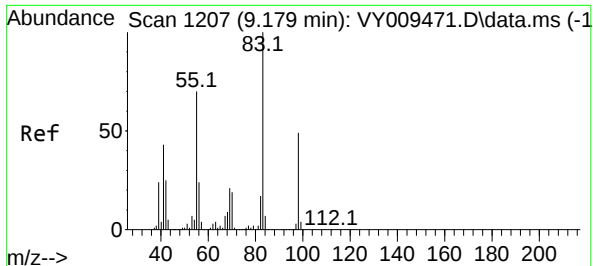
Ion Ratio Lower Upper

117 100

119 93.2 77.9 116.9

121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 57.407 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

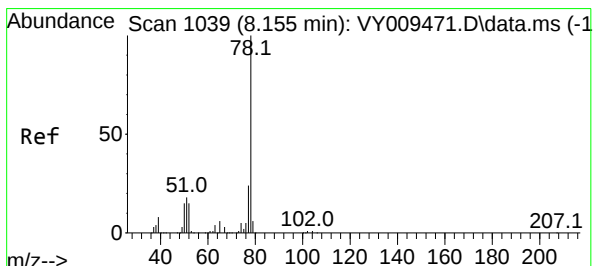
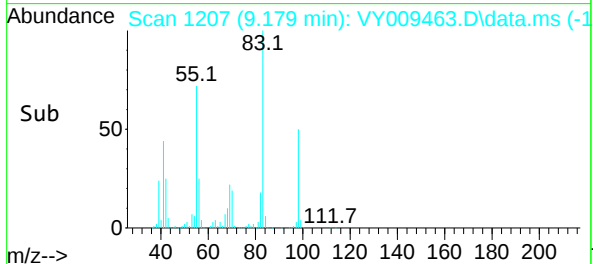
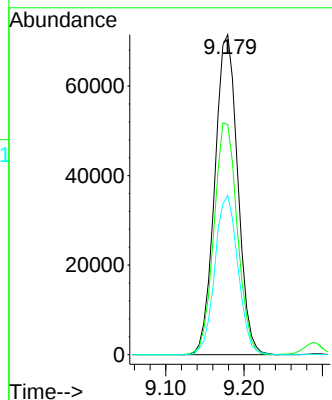
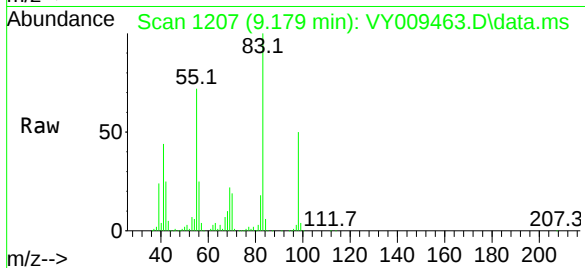
Tgt Ion: 83 Resp: 145502

Ion Ratio Lower Upper

83 100

55 71.9 66.5 99.7

98 49.8 37.9 56.9



#40

Benzene

Concen: 41.443 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009463.D

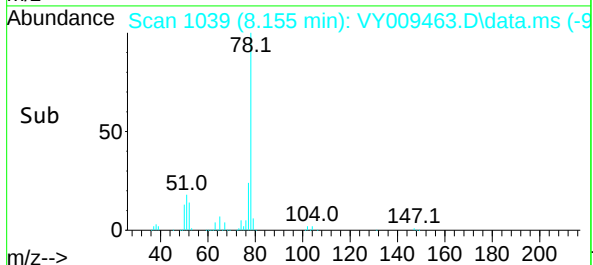
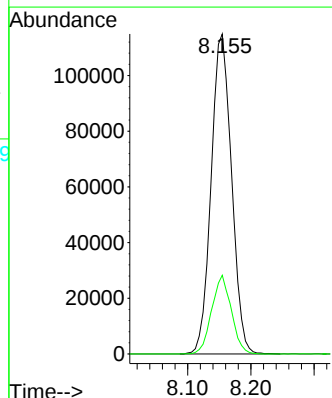
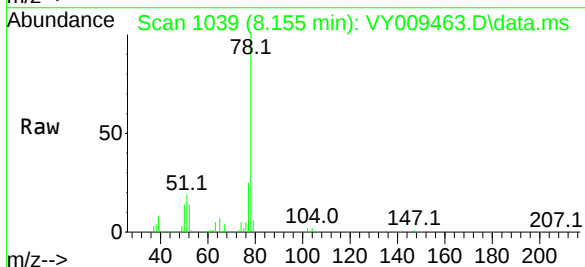
Acq: 07 Jul 2022 10:15

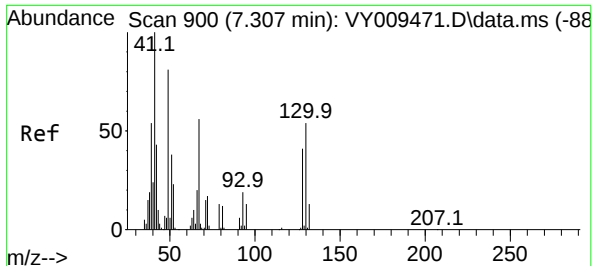
Tgt Ion: 78 Resp: 256965

Ion Ratio Lower Upper

78 100

77 24.6 20.4 30.6

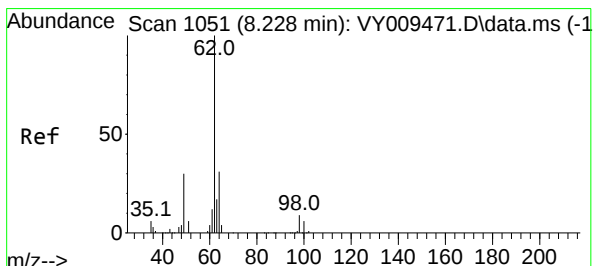
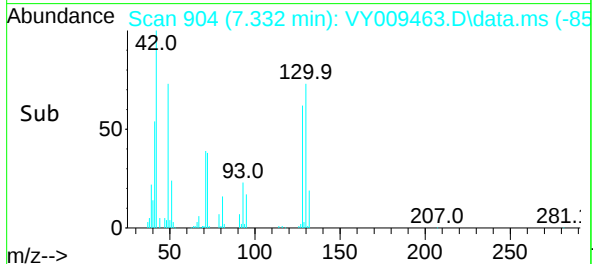
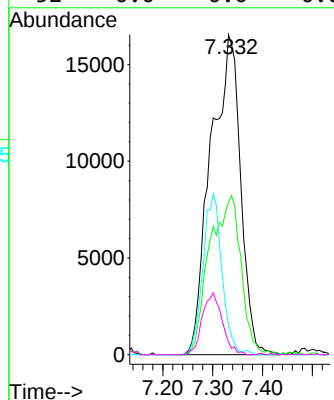
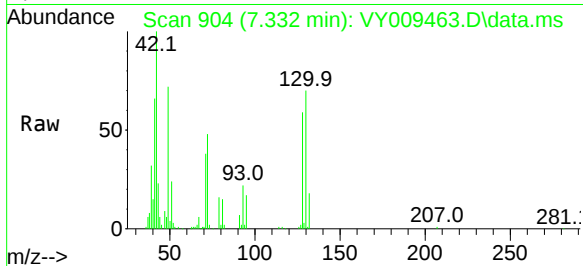




#41
Methacrylonitrile
Concen: 99.642 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

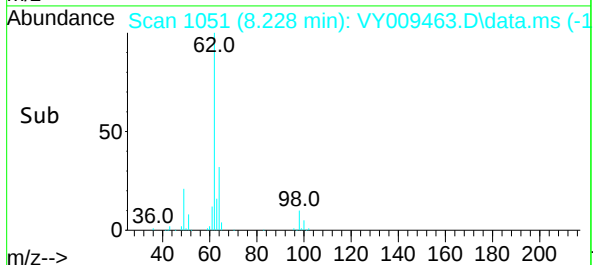
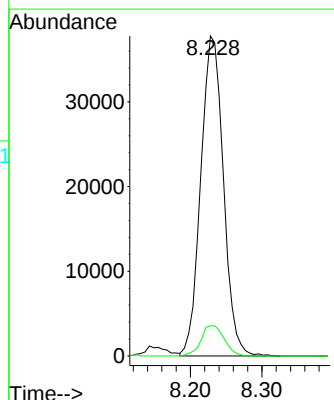
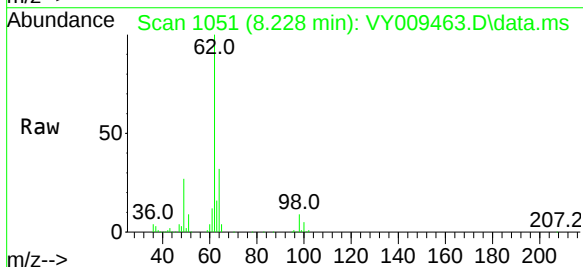
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

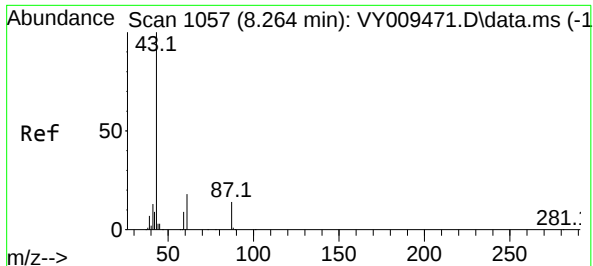
Tgt Ion: 41 Resp: 68482
Ion Ratio Lower Upper
41 100
39 52.5 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 44.658 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 62 Resp: 83131
Ion Ratio Lower Upper
62 100
98 9.7 0.0 14.8

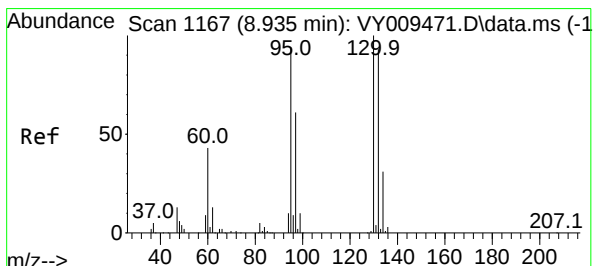
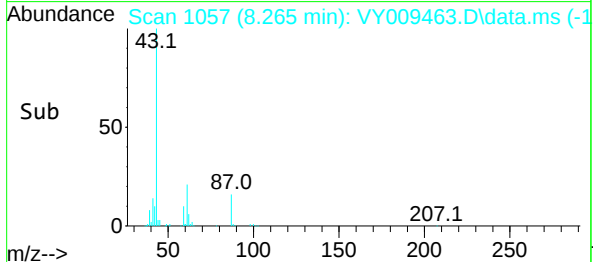
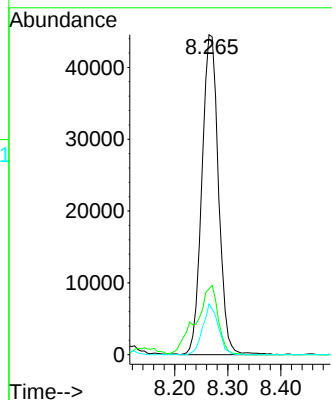
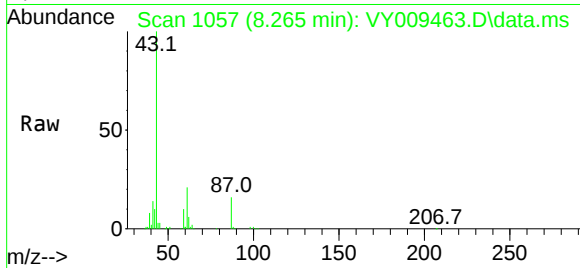




#43
Isopropyl Acetate
Concen: 39.157 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

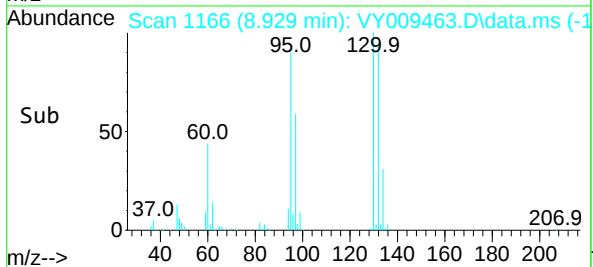
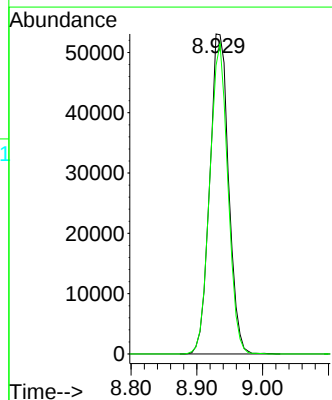
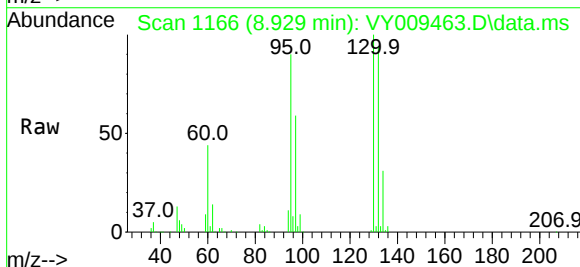
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

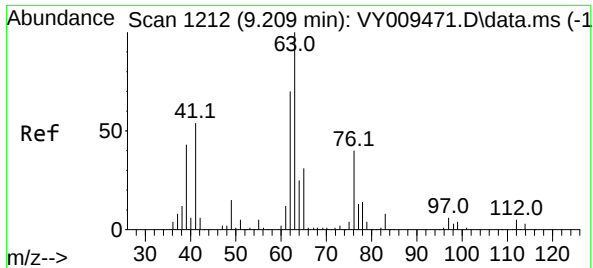
Tgt Ion: 43 Resp: 96702
Ion Ratio Lower Upper
43 100
61 29.3 20.2 30.2
87 14.7 8.9 13.3#



#44
Trichloroethene
Concen: 60.604 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 130 Resp: 106153
Ion Ratio Lower Upper
130 100
95 90.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 64.230 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

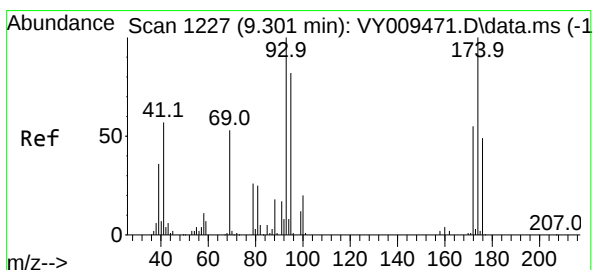
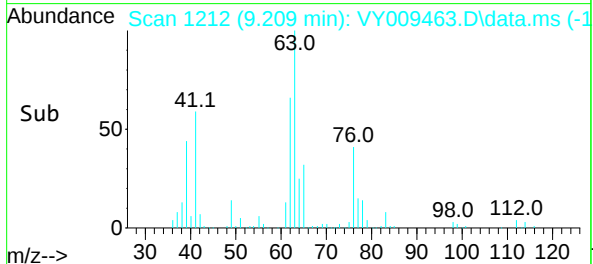
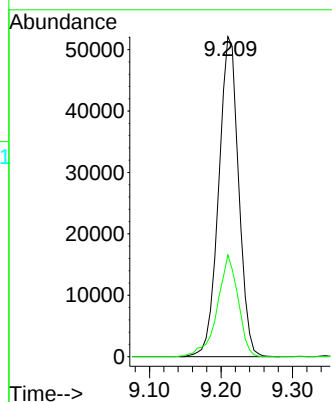
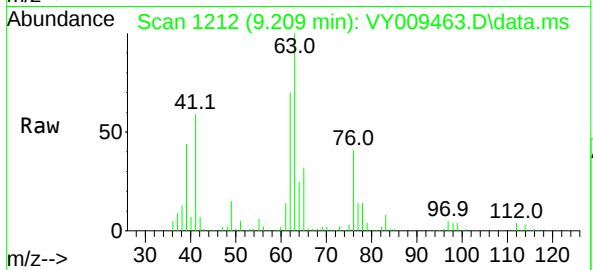
VSTDCCC050

Tgt Ion: 63 Resp: 100787

Ion Ratio Lower Upper

63 100

65 31.8 23.0 34.6



#46

Dibromomethane

Concen: 61.882 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

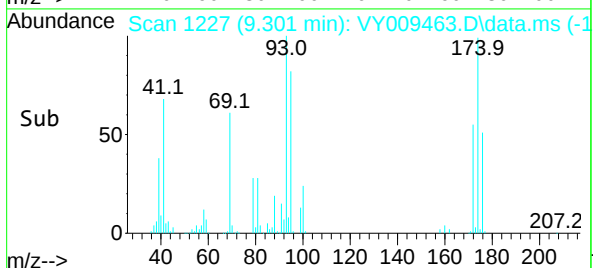
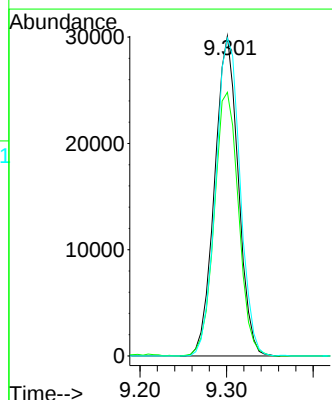
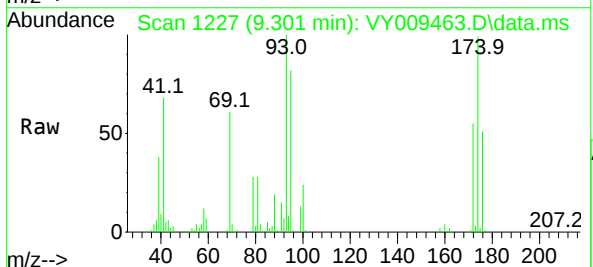
Tgt Ion: 93 Resp: 56991

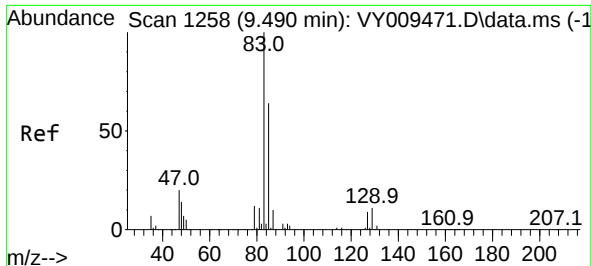
Ion Ratio Lower Upper

93 100

95 84.5 64.3 96.5

174 102.2 83.4 125.0

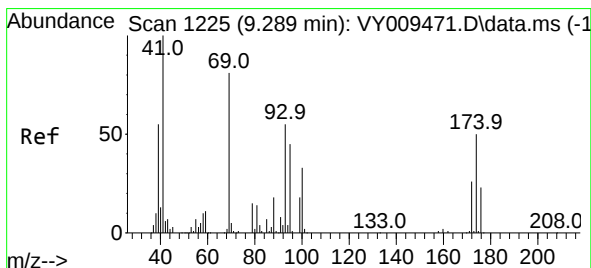
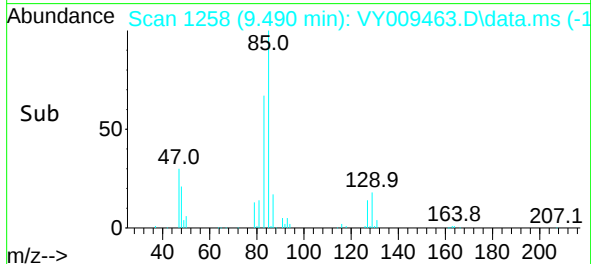
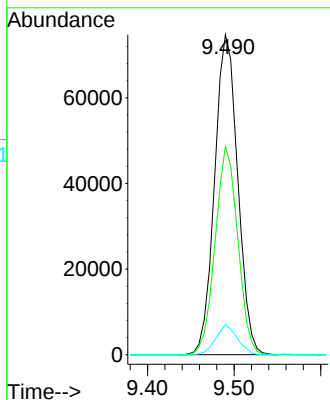
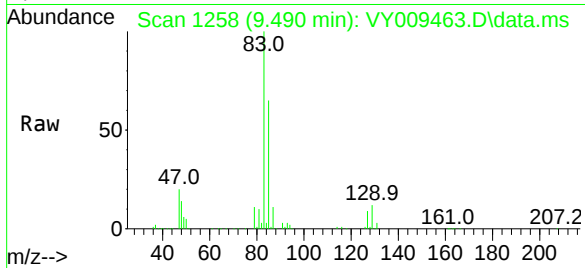




#47
Bromodichloromethane
Concen: 63.165 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

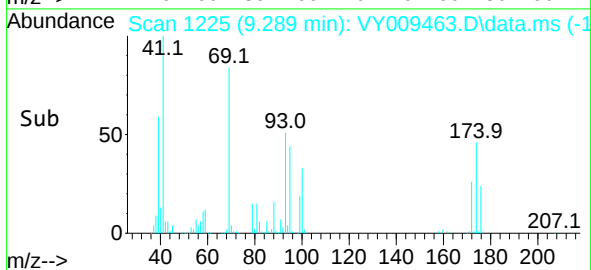
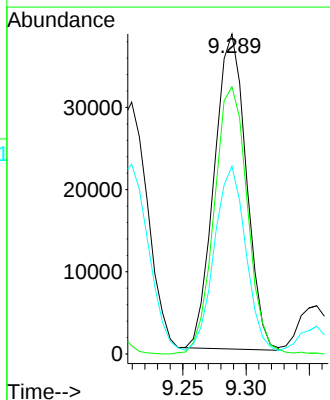
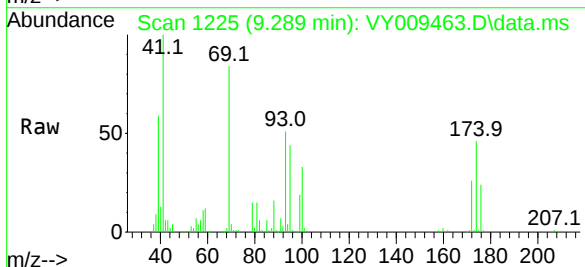
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

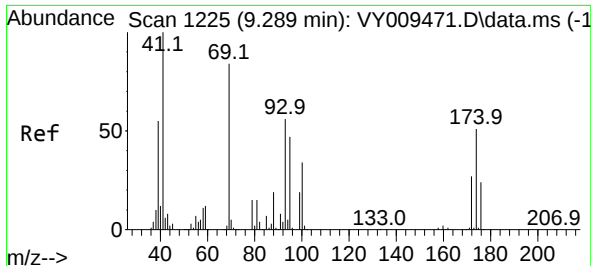
Tgt Ion: 83 Resp: 138461
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 63.326 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 41 Resp: 67380
Ion Ratio Lower Upper
41 100
69 88.2 58.2 87.2#
39 59.5 47.4 71.0





#49

1,4-Dioxane

Concen: 1187.884 ug/l

RT: 9.295 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

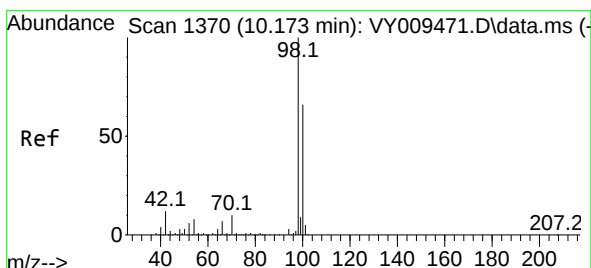
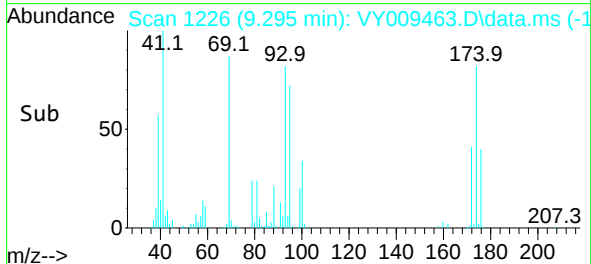
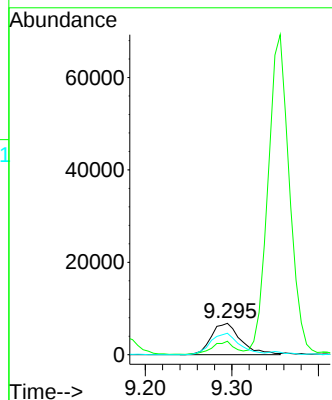
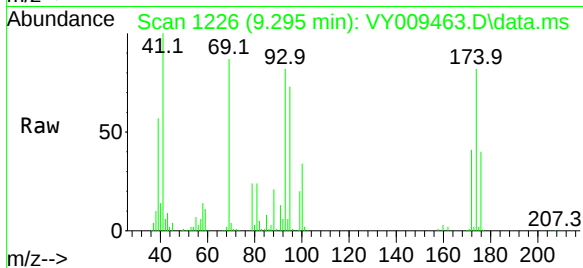
Tgt Ion: 88 Resp: 16111

Ion Ratio Lower Upper

88 100

43 31.8 32.8 49.2#

58 66.0 59.8 89.6



#50

Toluene-d8

Concen: 67.653 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009463.D

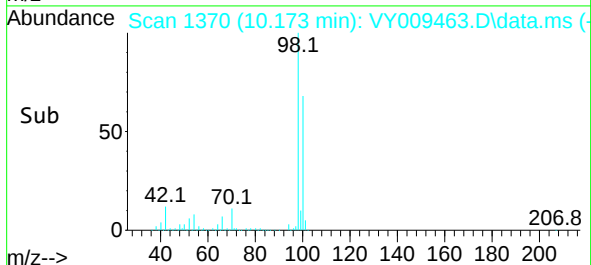
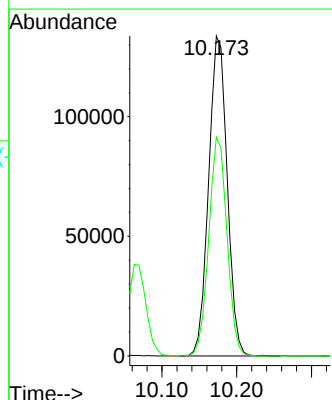
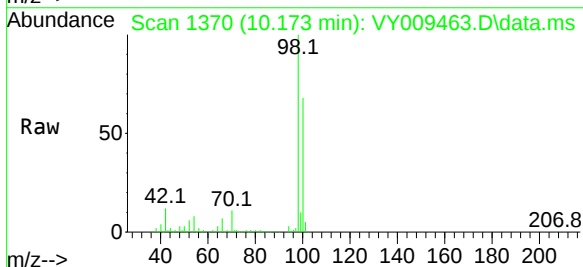
Acq: 07 Jul 2022 10:15

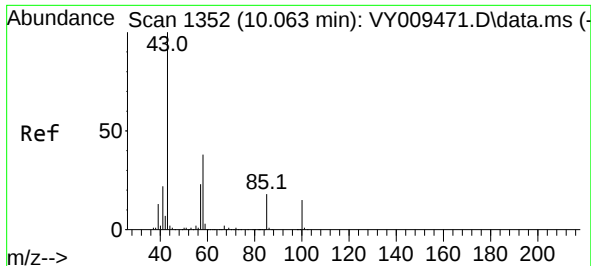
Tgt Ion: 98 Resp: 230375

Ion Ratio Lower Upper

98 100

100 67.3 50.2 75.2

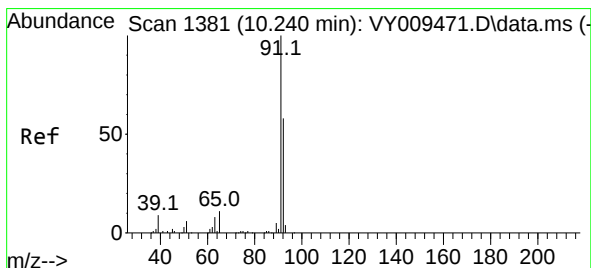
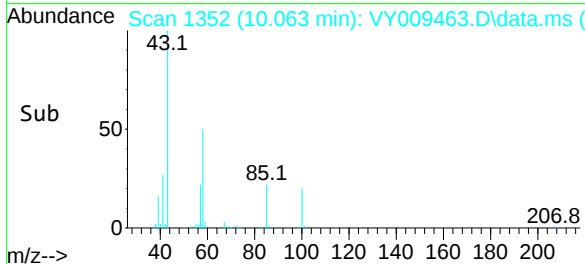
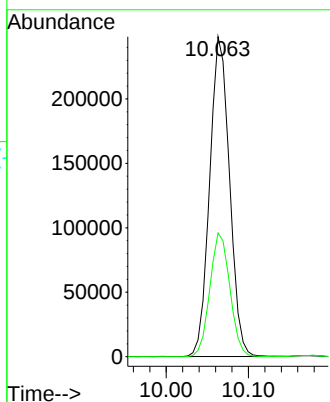
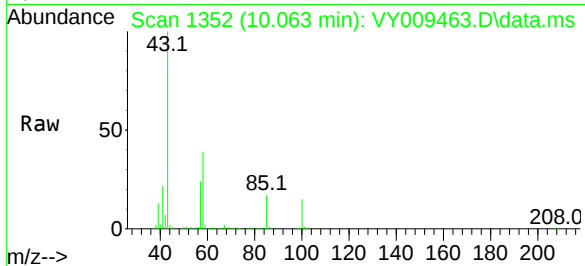




#51
4-Methyl-2-Pentanone
Concen: 320.593 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

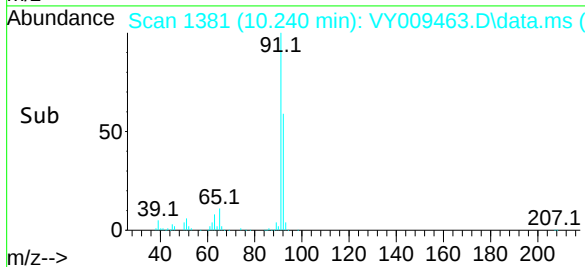
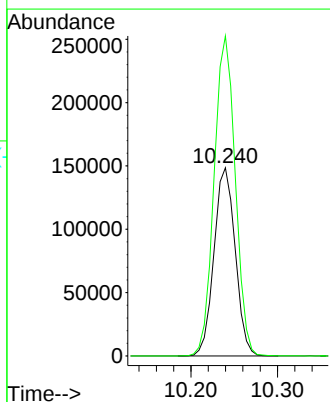
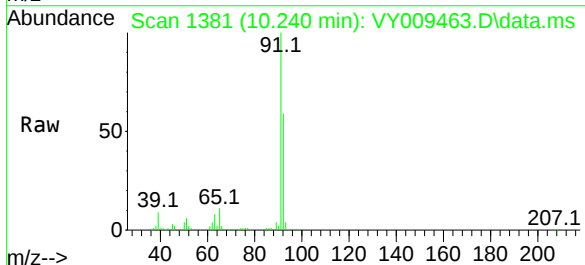
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

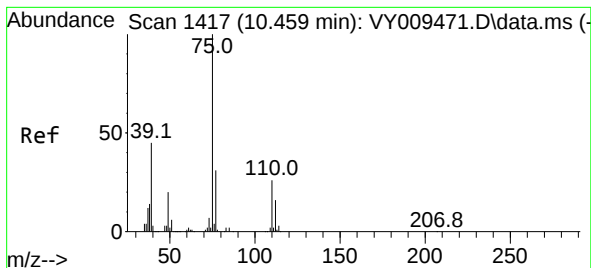
Tgt Ion: 43 Resp: 416365
Ion Ratio Lower Upper
43 100
58 39.0 28.1 42.1



#52
Toluene
Concen: 63.946 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 92 Resp: 252656
Ion Ratio Lower Upper
92 100
91 169.9 142.6 213.8

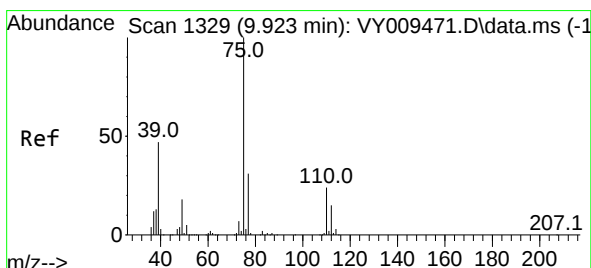
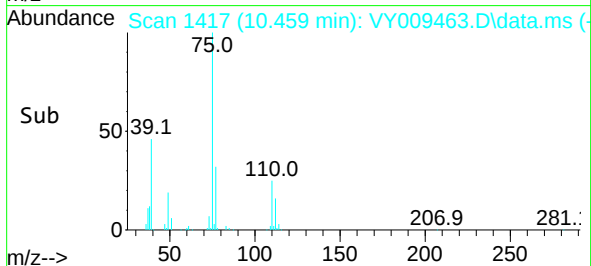
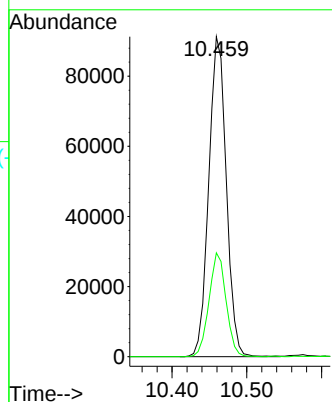
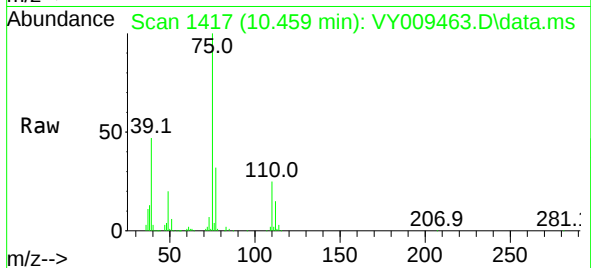




#53
 t-1,3-Dichloropropene
 Concen: 64.352 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009463.D
 Acq: 07 Jul 2022 10:15

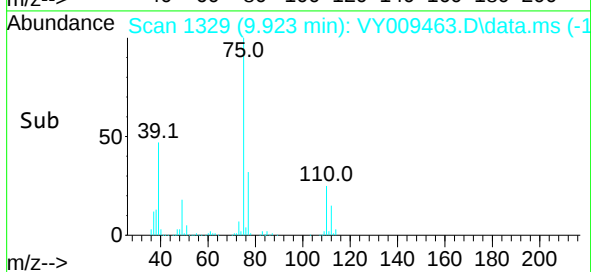
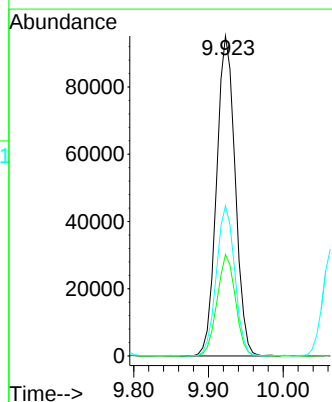
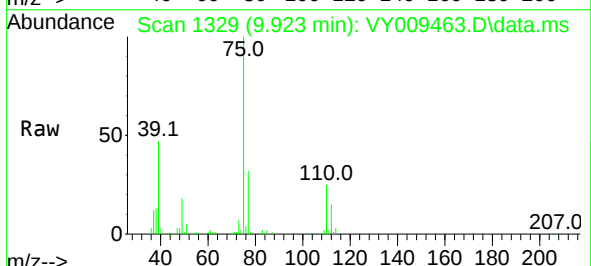
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

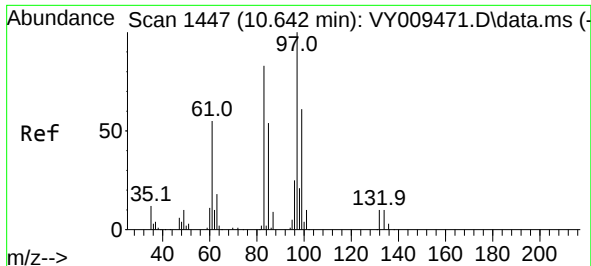
Tgt Ion: 75 Resp: 148654
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 64.115 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY009463.D
 Acq: 07 Jul 2022 10:15

Tgt Ion: 75 Resp: 165148
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 46.8 47.6 71.4#

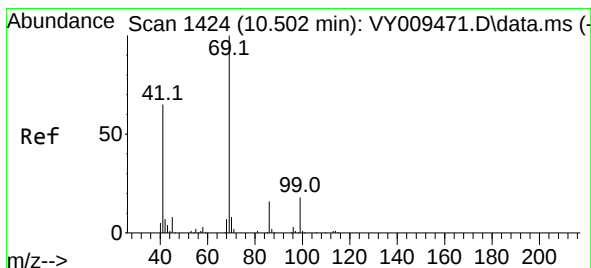
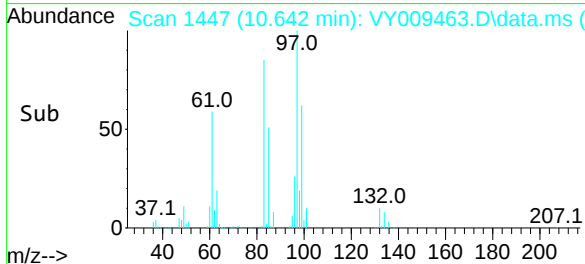
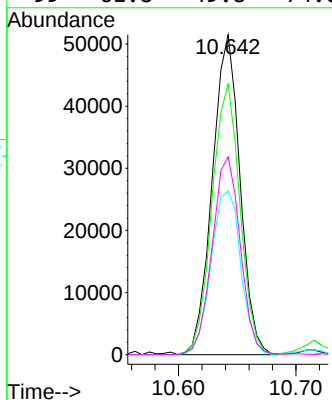
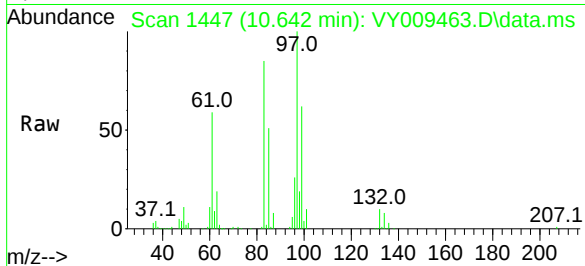




#55
1,1,2-Trichloroethane
Concen: 63.486 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

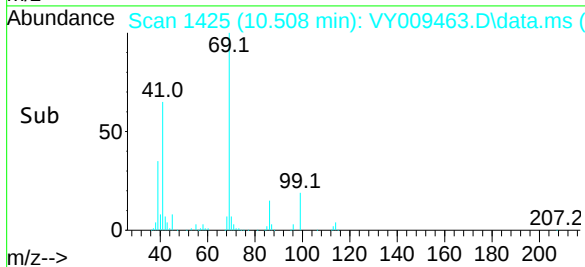
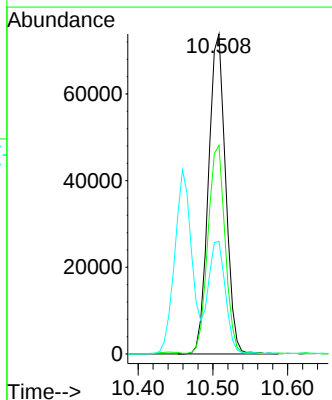
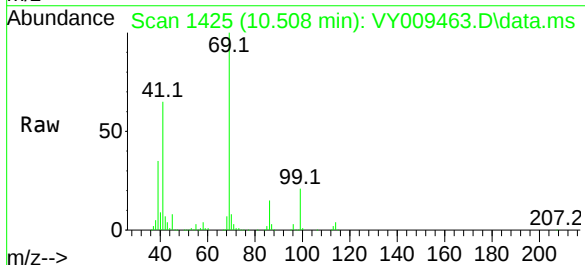
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

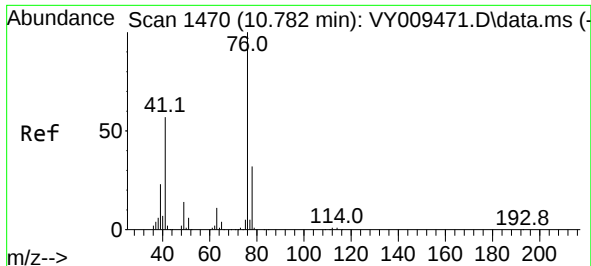
Tgt Ion: 97	Resp: 84348
Ion Ratio	Lower Upper
97 100	
83 84.5	69.8 104.8
85 51.1	44.3 66.5
99 61.8	49.8 74.6



#56
Ethyl methacrylate
Concen: 66.698 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 69	Resp: 117652
Ion Ratio	Lower Upper
69 100	
41 64.8	63.4 95.0
39 34.9	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 65.115 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

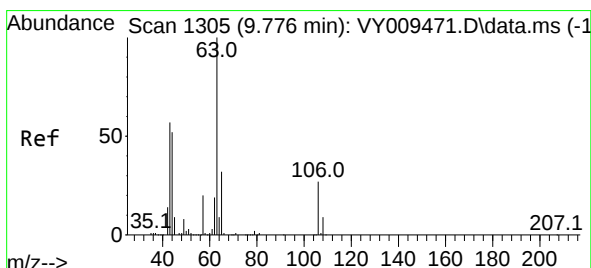
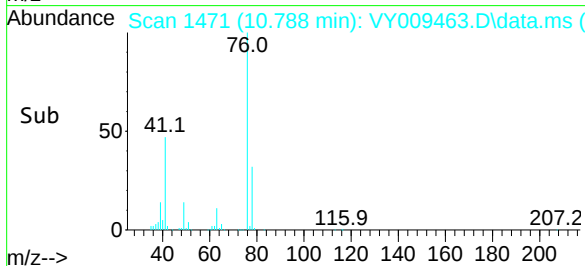
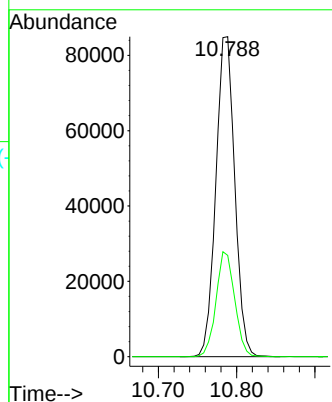
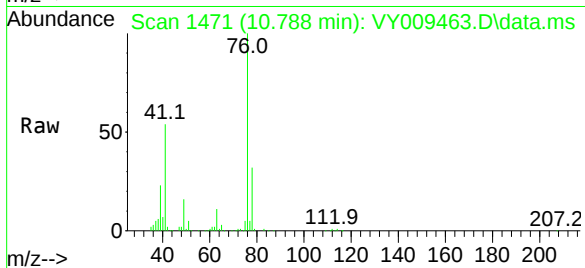
VSTDCCC050

Tgt Ion: 76 Resp: 142618

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 349.620 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009463.D

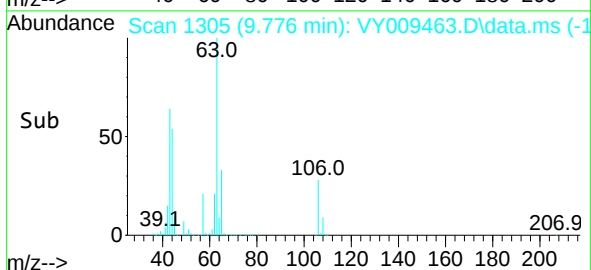
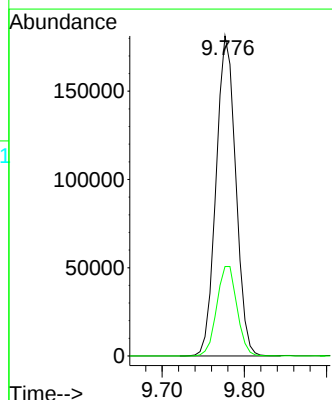
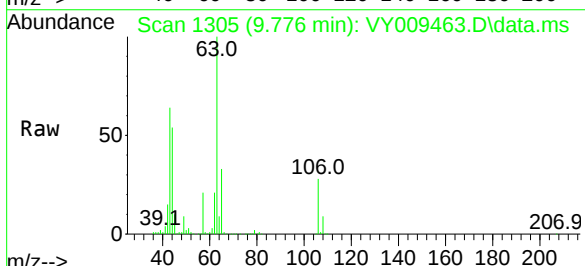
Acq: 07 Jul 2022 10:15

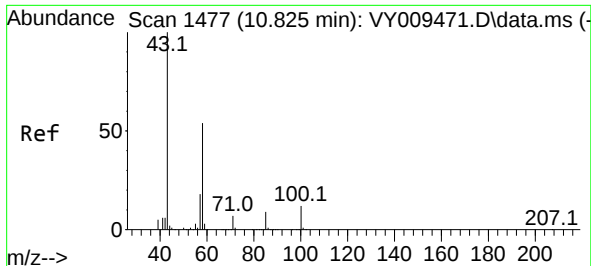
Tgt Ion: 63 Resp: 301265

Ion Ratio Lower Upper

63 100

106 28.8 21.5 32.3

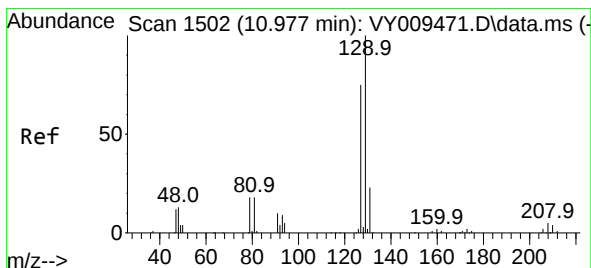
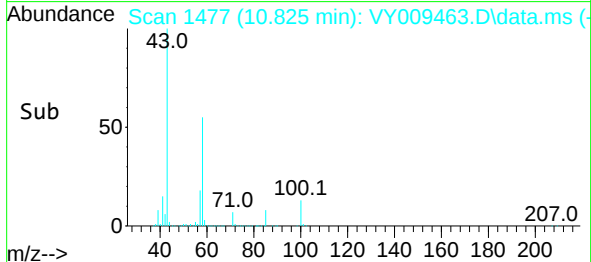
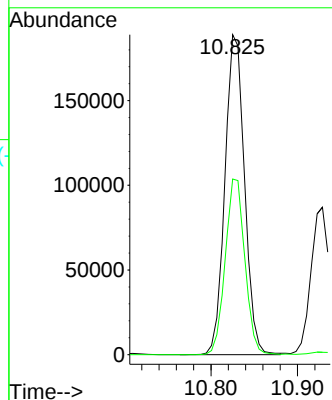
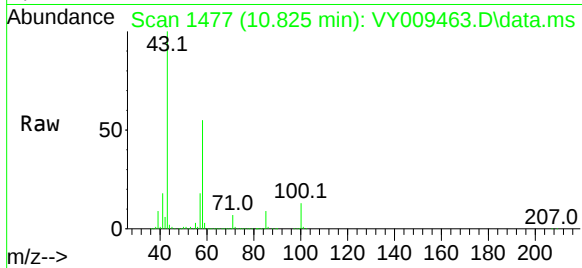




#59
2-Hexanone
Concen: 329.986 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

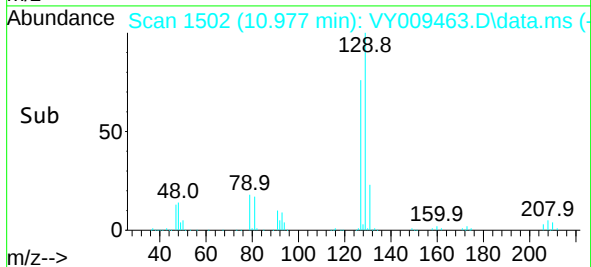
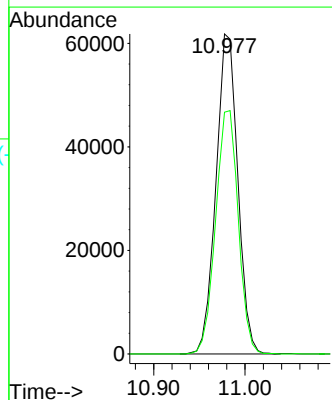
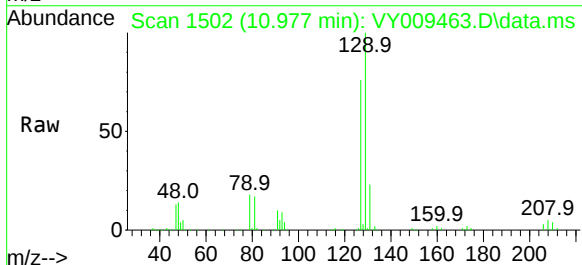
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

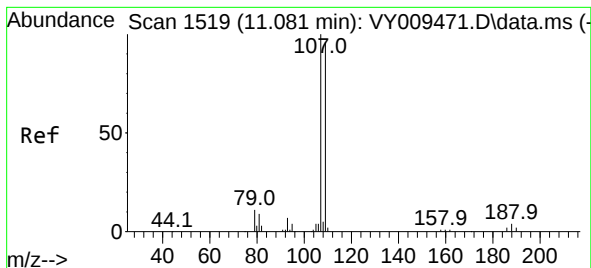
Tgt Ion: 43 Resp: 296966
Ion Ratio Lower Upper
43 100
58 55.1 24.4 73.4



#60
Dibromochloromethane
Concen: 63.895 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 129 Resp: 102801
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1

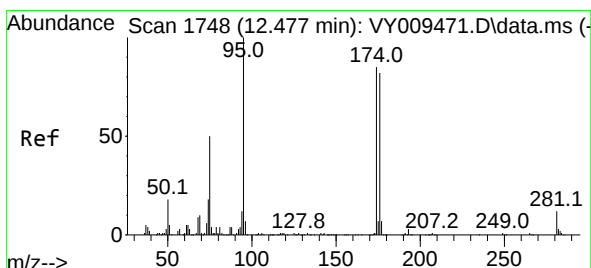
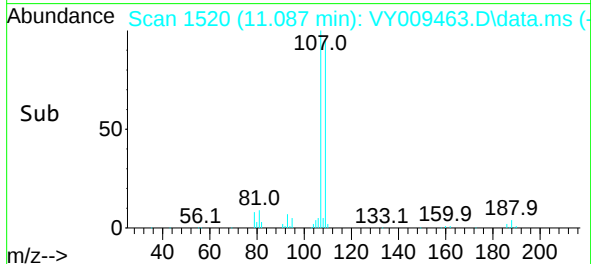
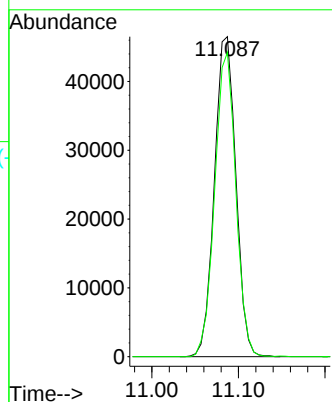
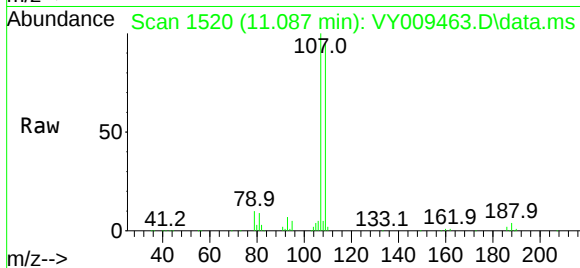




#61
1,2-Dibromoethane
Concen: 62.865 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

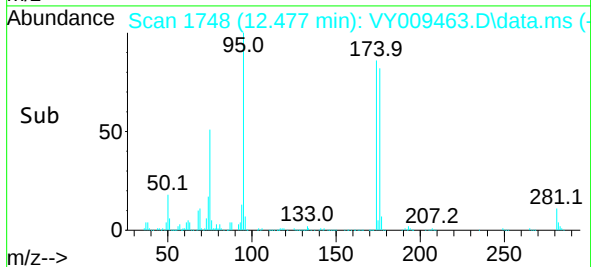
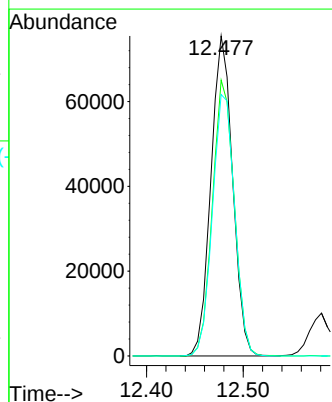
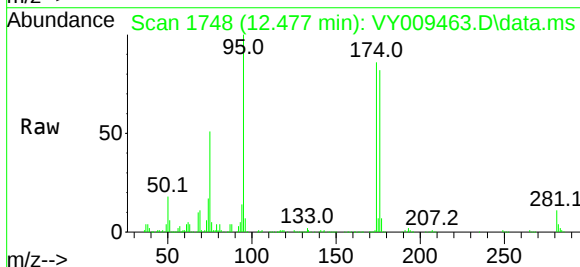
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

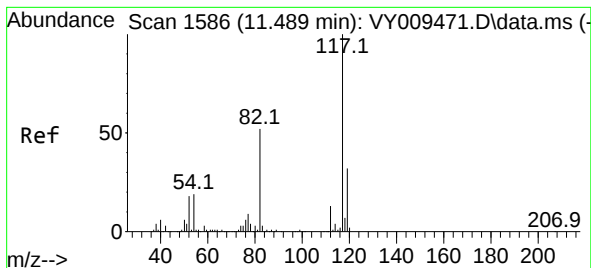
Tgt Ion:107 Resp: 80072
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 64.247 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 95 Resp: 117622
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 83.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

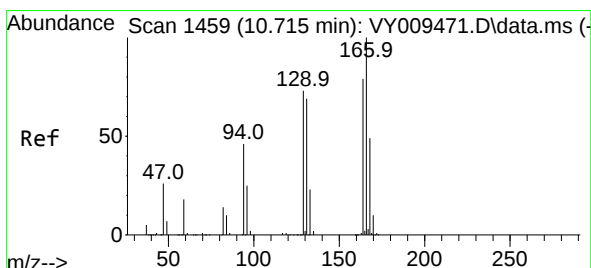
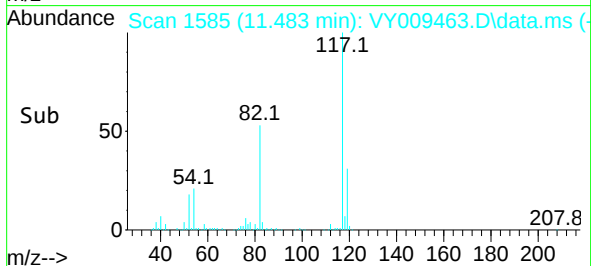
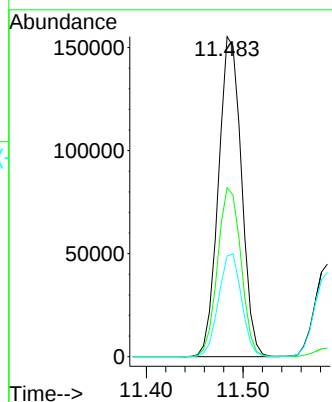
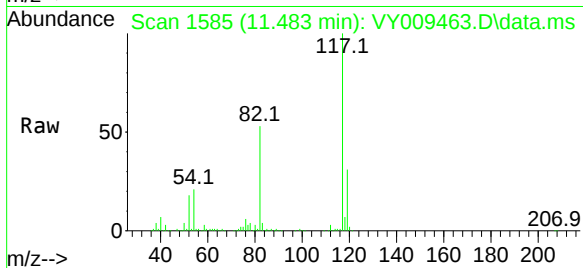
Tgt Ion:117 Resp: 256553

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

119 31.4 25.4 38.0



#64

Tetrachloroethene

Concen: 53.739 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Tgt Ion:164 Resp: 115271

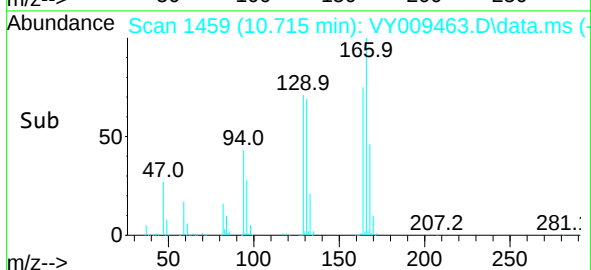
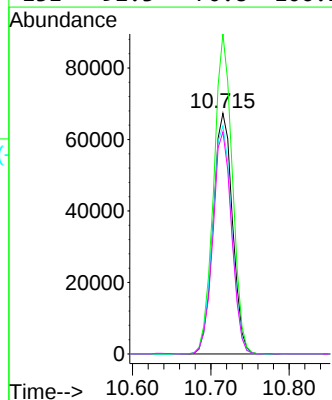
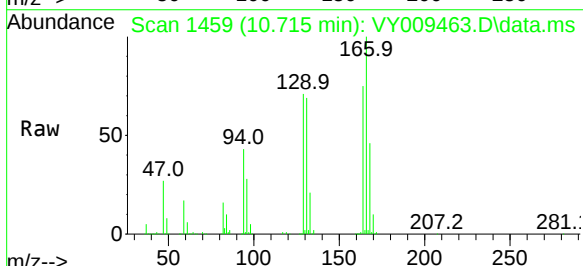
Ion Ratio Lower Upper

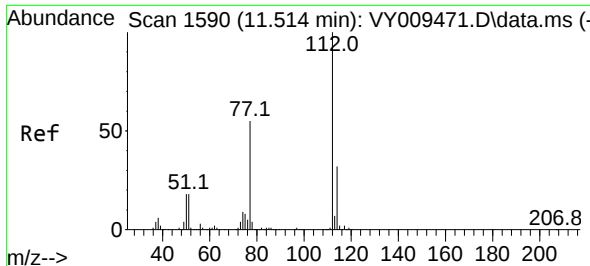
164 100

166 133.0 100.4 150.6

129 94.8 71.4 107.0

131 92.3 70.8 106.2

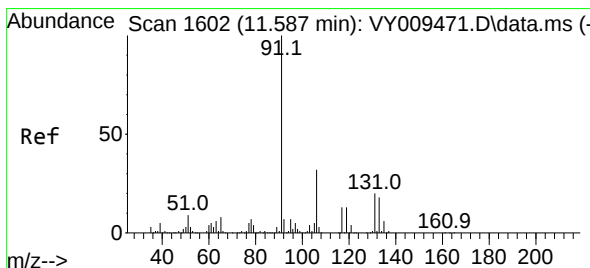
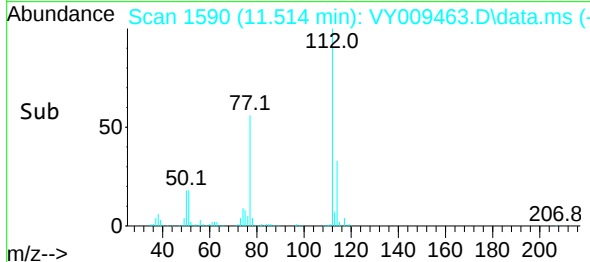
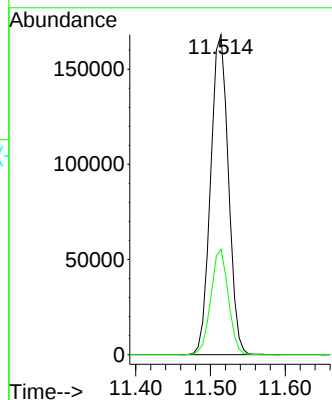
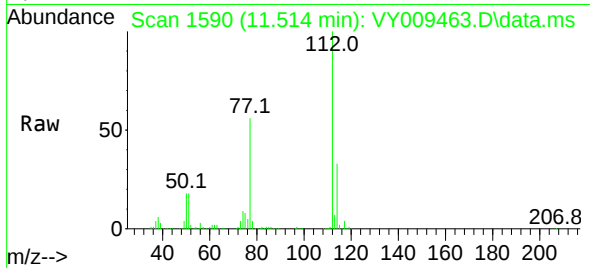




#65
Chlorobenzene
Concen: 55.191 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

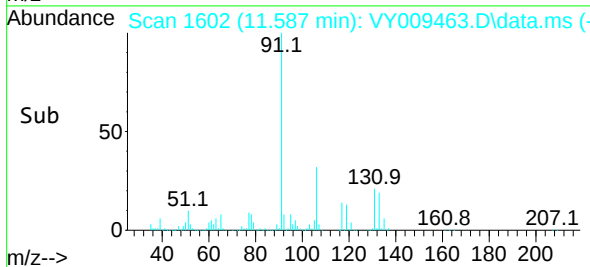
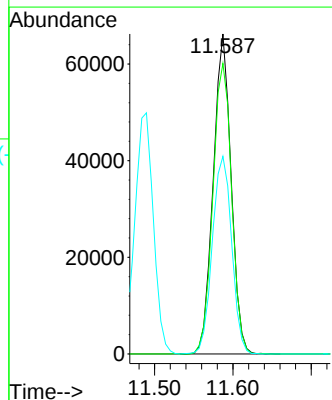
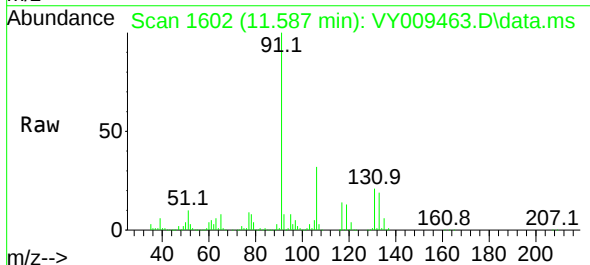
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

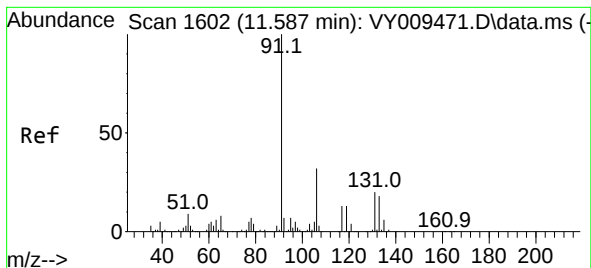
Tgt Ion:112 Resp: 278090
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.352 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion:131 Resp: 104913
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 66.8 30.8 92.3





#67

Ethyl Benzene

Concen: 55.160 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

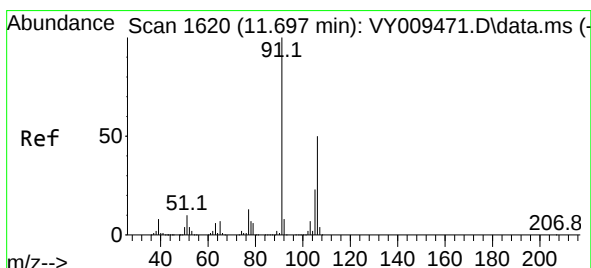
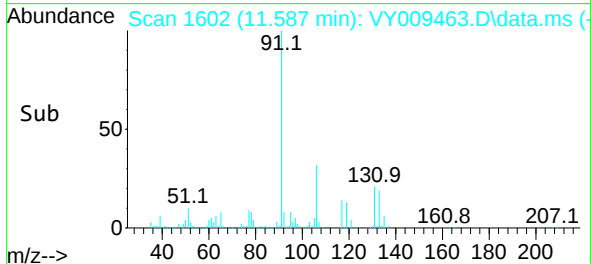
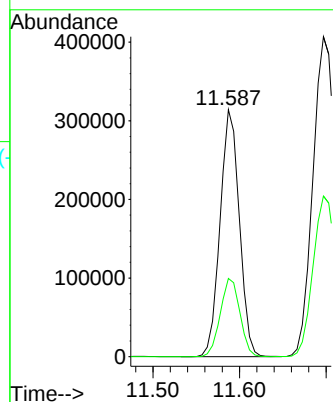
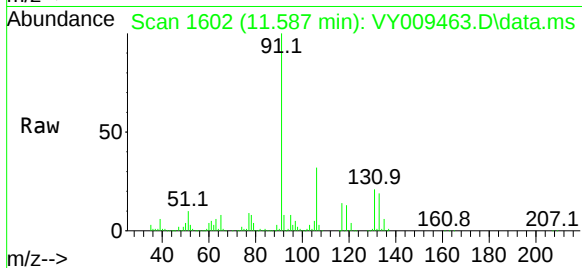
VSTDCCC050

Tgt Ion: 91 Resp: 485209

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 110.846 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009463.D

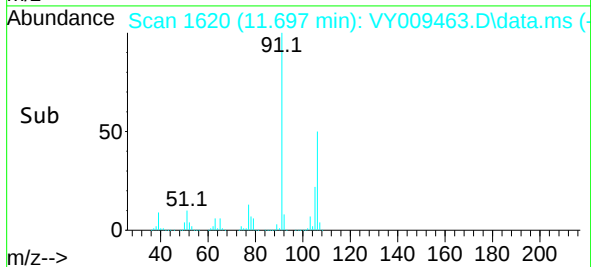
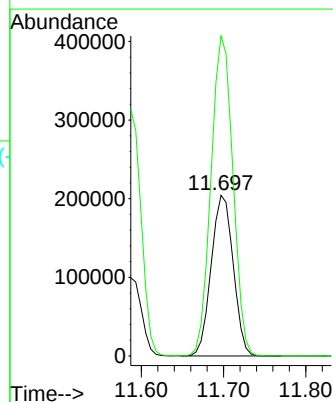
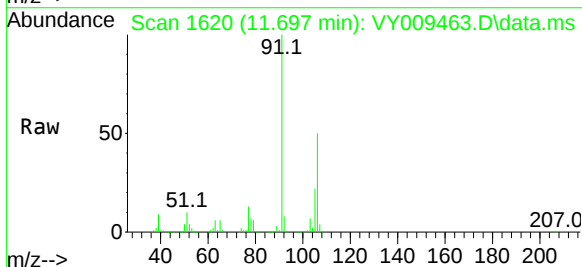
Acq: 07 Jul 2022 10:15

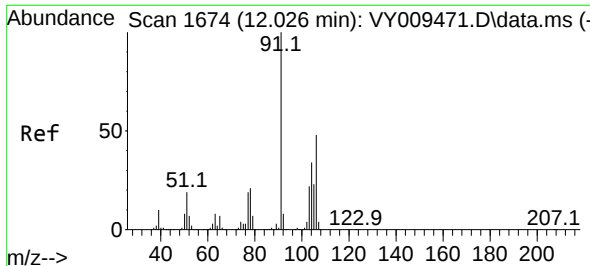
Tgt Ion:106 Resp: 380277

Ion Ratio Lower Upper

106 100

91 198.3 166.6 249.8

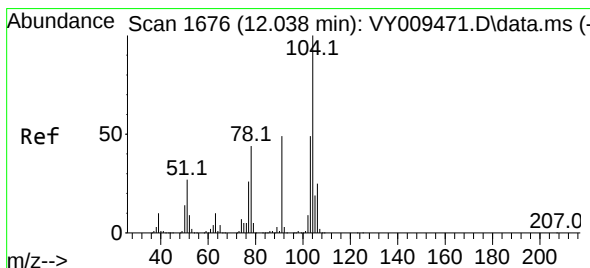
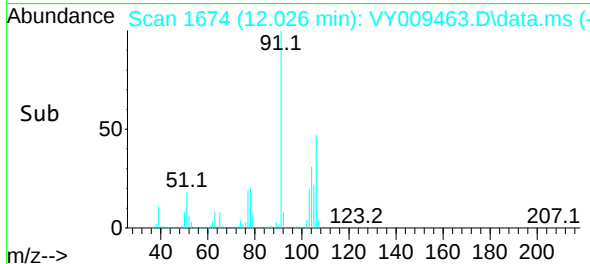
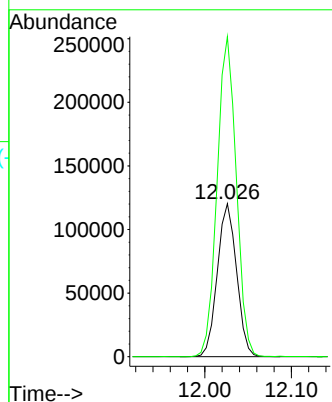
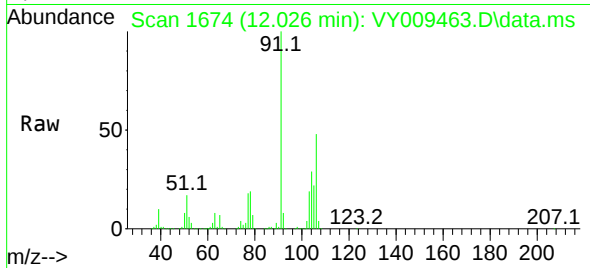




#69
o-Xylene
Concen: 56.370 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

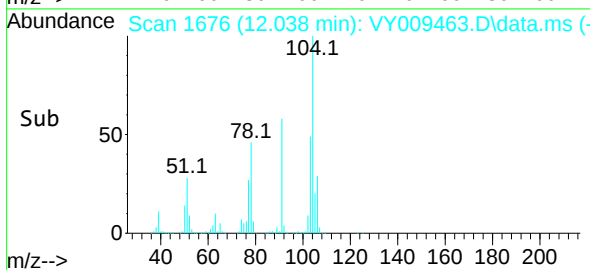
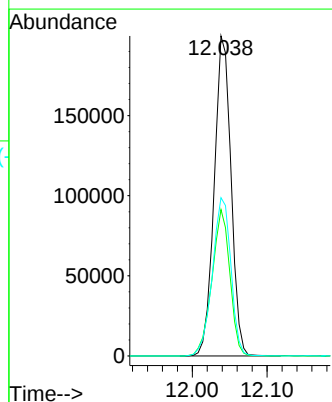
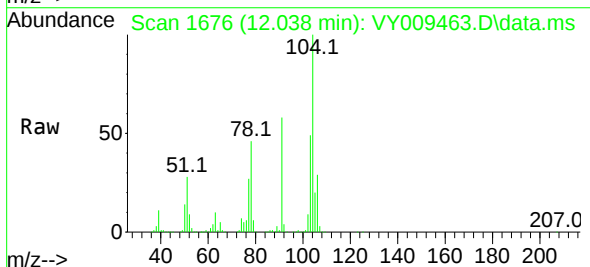
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

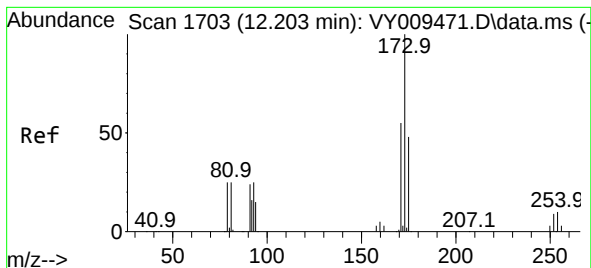
Tgt Ion:106 Resp: 185366
Ion Ratio Lower Upper
106 100
91 208.6 110.3 331.0



#70
Styrene
Concen: 56.920 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion:104 Resp: 312632
Ion Ratio Lower Upper
104 100
78 48.7 42.4 63.6
103 54.4 44.4 66.6





#71

Bromoform

Concen: 55.915 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

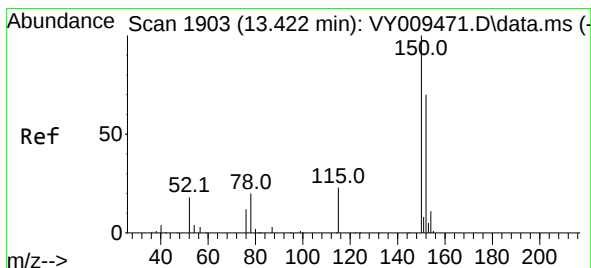
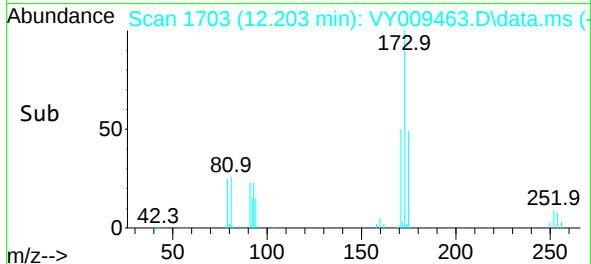
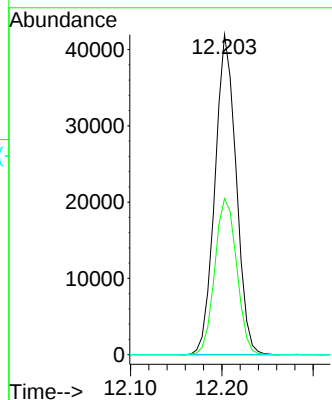
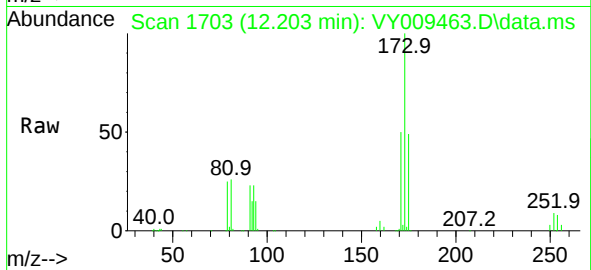
Tgt Ion:173 Resp: 67547

Ion Ratio Lower Upper

173 100

175 50.4 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: VY009463.D

Acq: 07 Jul 2022 10:15

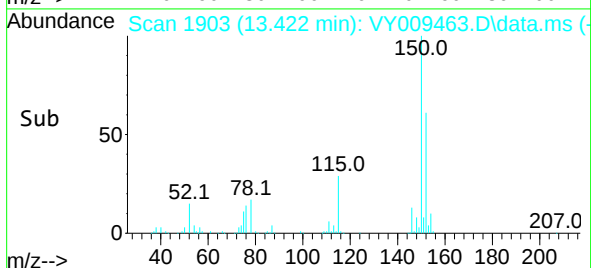
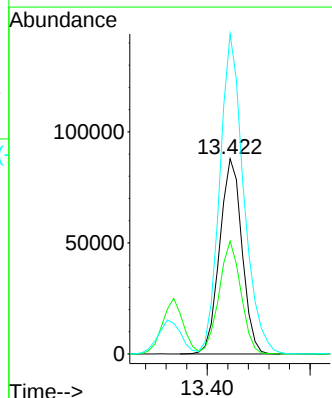
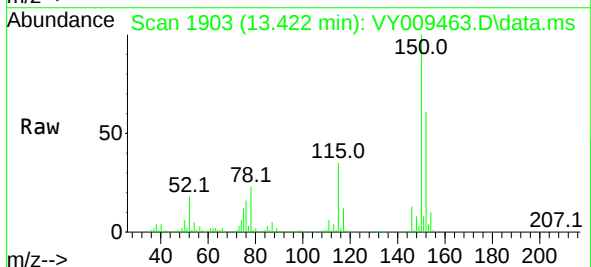
Tgt Ion:152 Resp: 132214

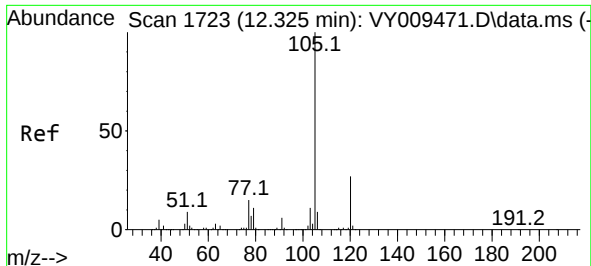
Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 175.6 0.0 347.6

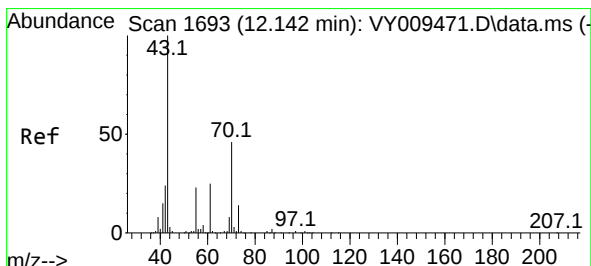
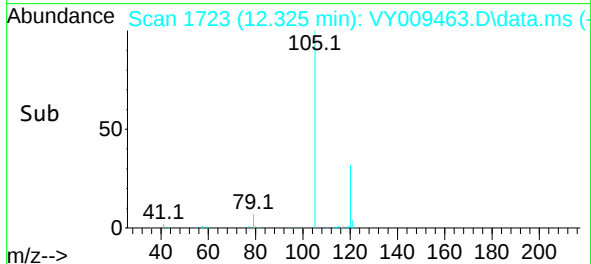
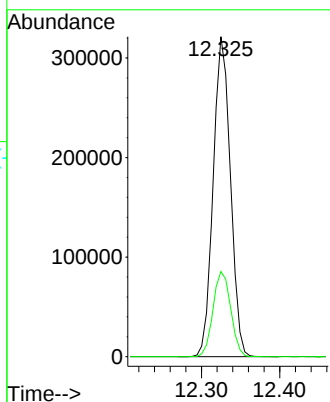
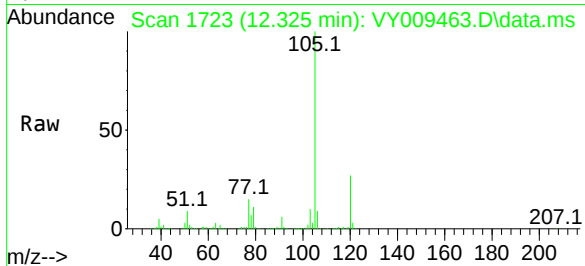




#73
Isopropylbenzene
Concen: 54.280 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

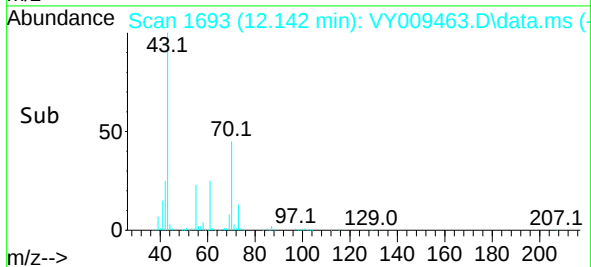
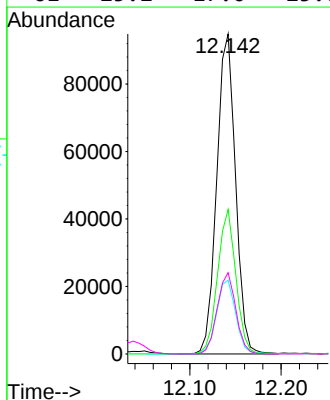
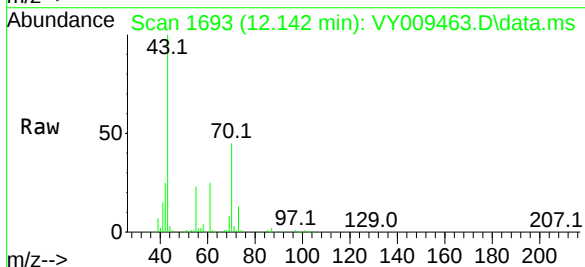
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

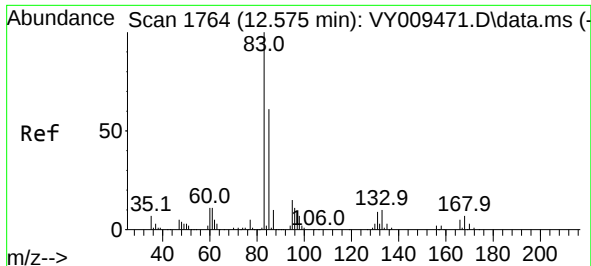
Tgt Ion:105 Resp: 490809
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 52.727 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 43 Resp: 135649
Ion Ratio Lower Upper
43 100
70 44.0 28.7 43.1#
55 23.6 17.3 25.9
61 25.2 17.0 25.6

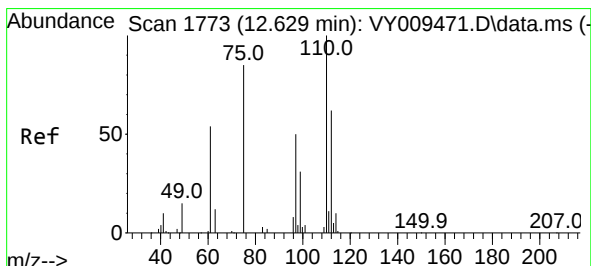
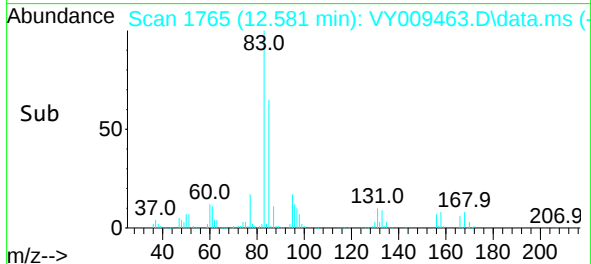
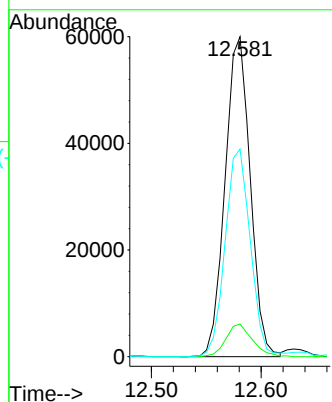
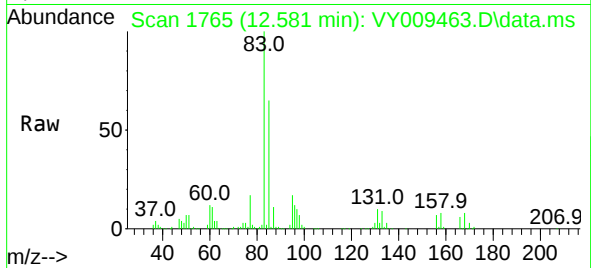




#75
1,1,2,2-Tetrachloroethane
Concen: 52.921 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

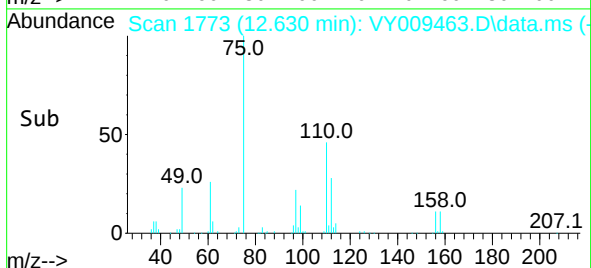
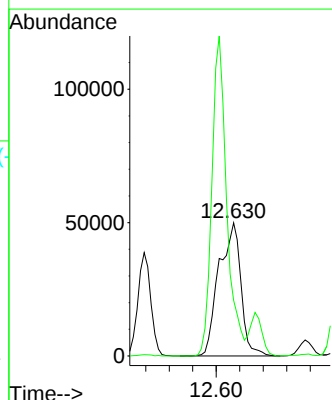
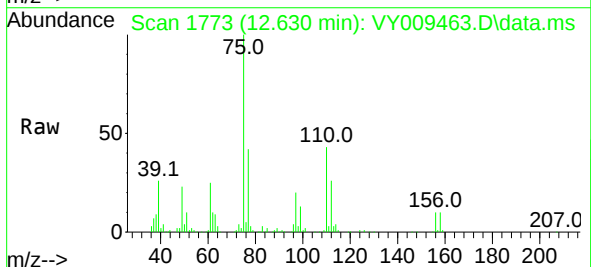
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

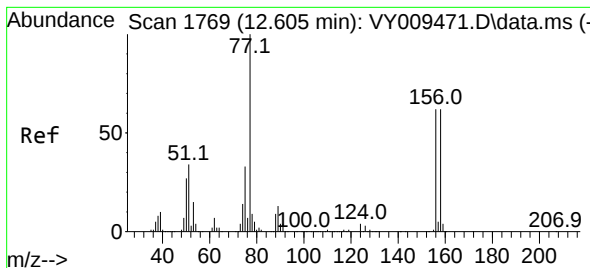
Tgt Ion: 83 Resp: 95811
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 65.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 92.780 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 75 Resp: 129854
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.791 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

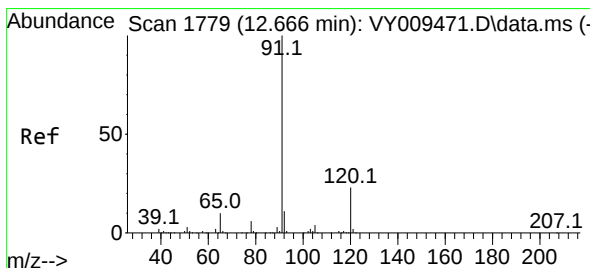
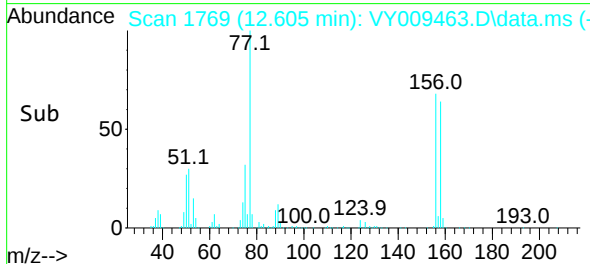
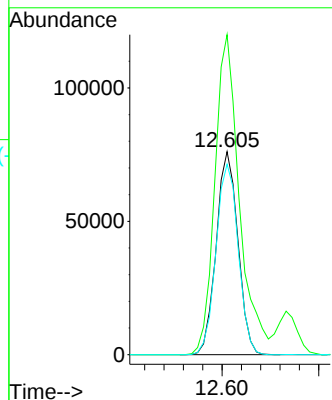
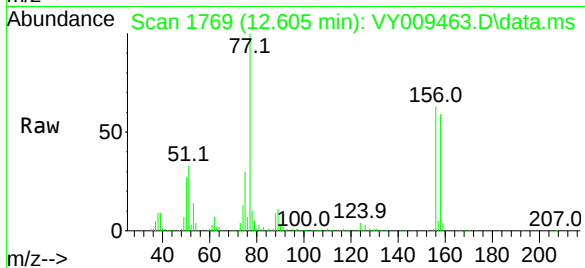
Tgt Ion:156 Resp: 118408

Ion Ratio Lower Upper

156 100

77 178.0 95.5 286.4

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 53.916 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009463.D

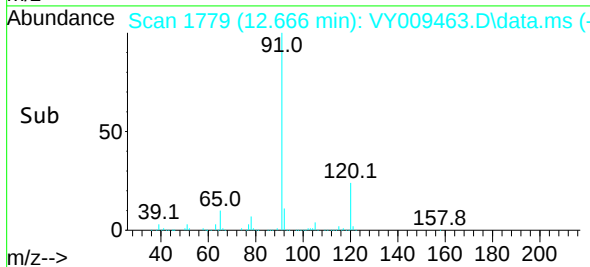
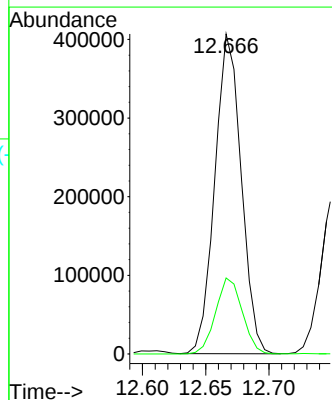
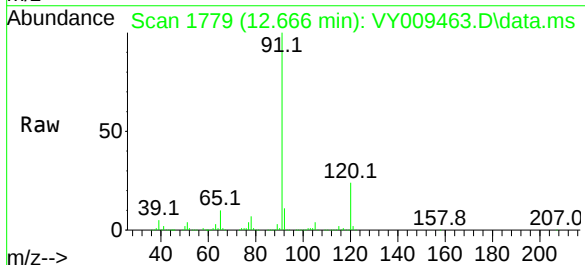
Acq: 07 Jul 2022 10:15

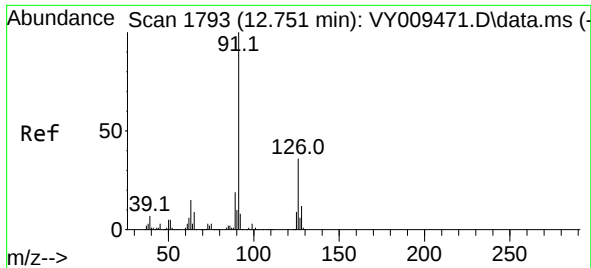
Tgt Ion: 91 Resp: 588975

Ion Ratio Lower Upper

91 100

120 24.0 11.3 33.9

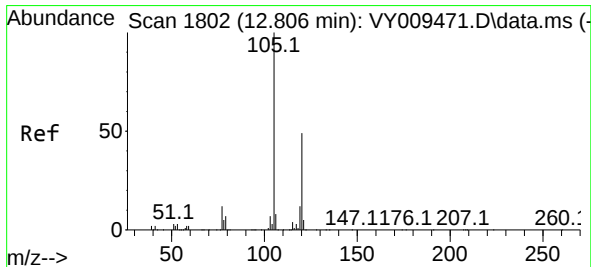
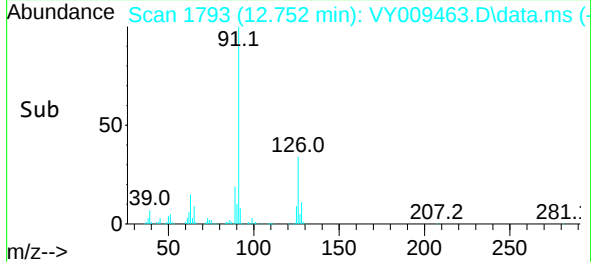
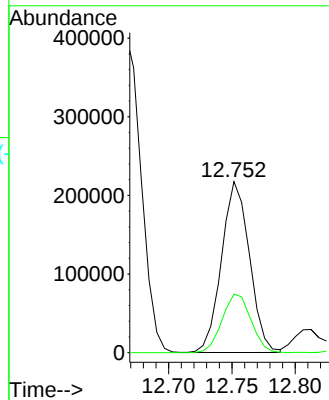
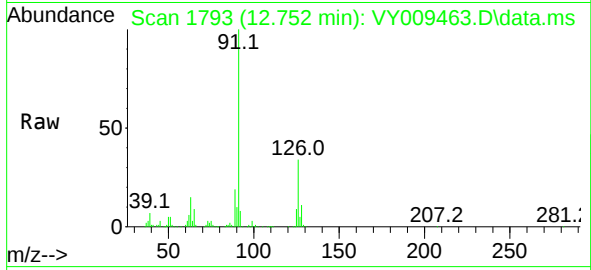




#79
2-Chlorotoluene
Concen: 54.702 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

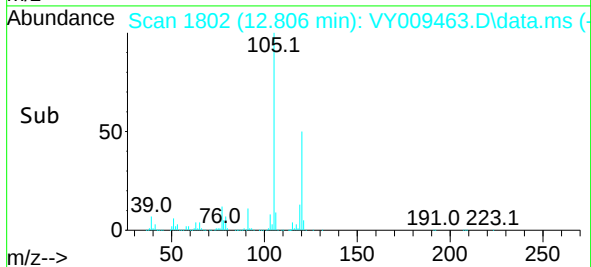
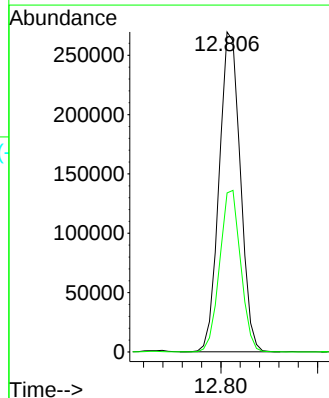
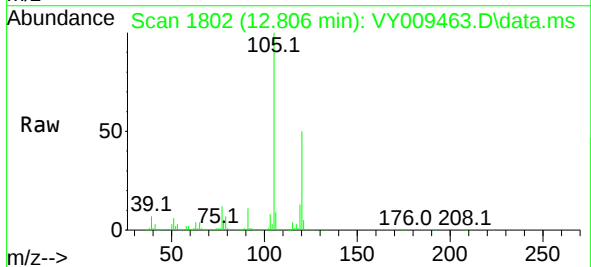
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

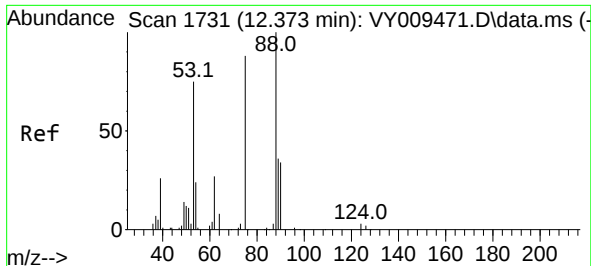
Tgt Ion: 91 Resp: 334550
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.153 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 105 Resp: 409289
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4

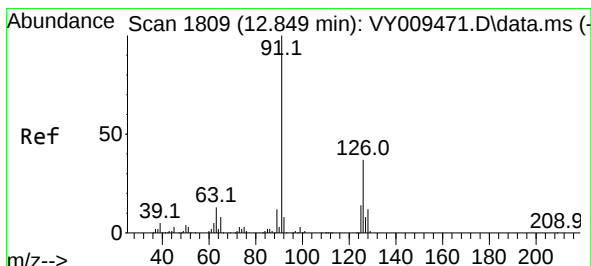
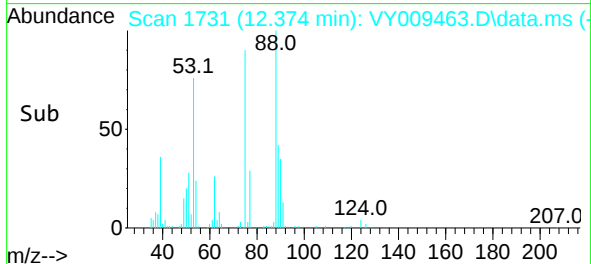
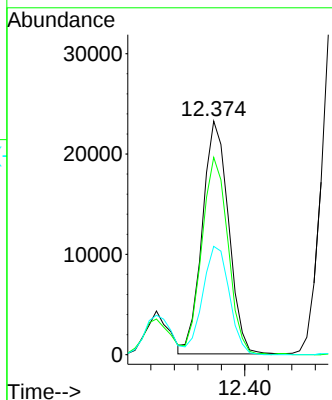
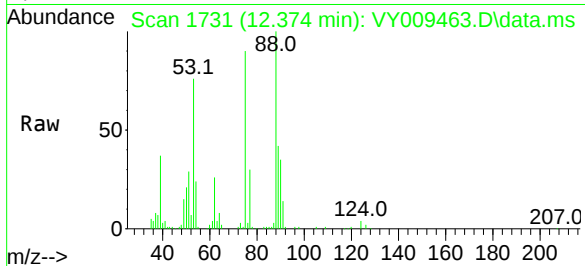




#81
trans-1,4-Dichloro-2-butene
Concen: 52.731 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

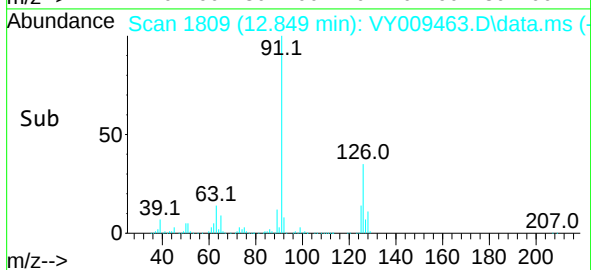
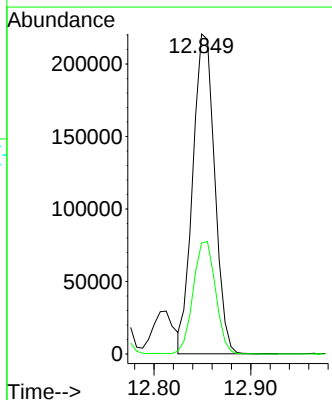
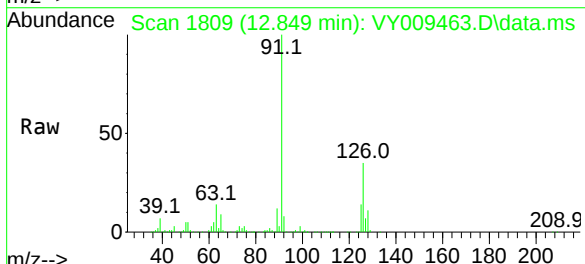
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

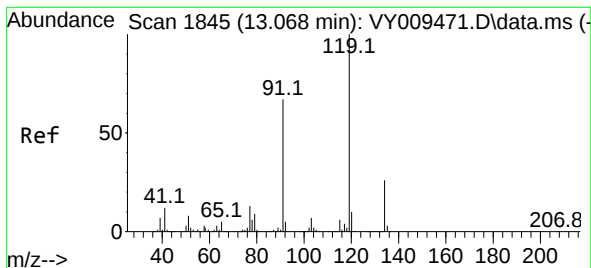
Tgt Ion: 75 Resp: 36060
Ion Ratio Lower Upper
75 100
53 83.8 85.3 127.9#
89 46.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 54.293 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 91 Resp: 347987
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 54.470 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

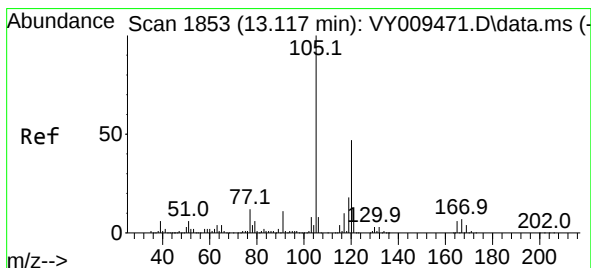
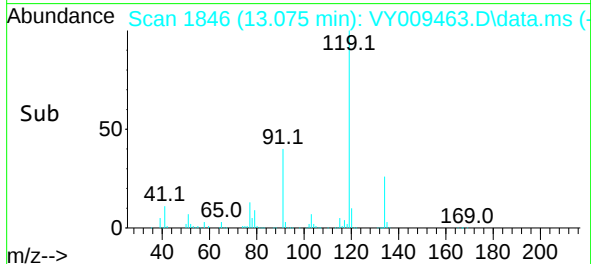
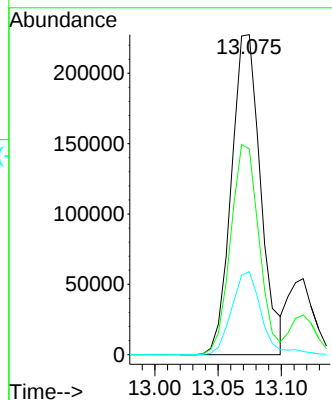
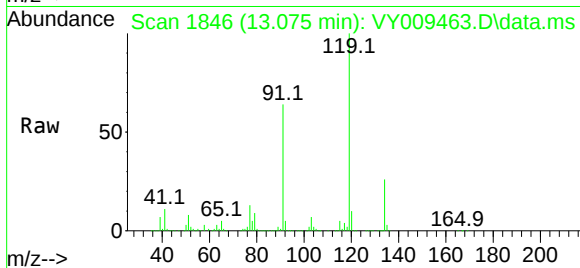
Tgt Ion:119 Resp: 366260

Ion Ratio Lower Upper

119 100

91 63.9 34.8 104.4

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 54.841 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009463.D

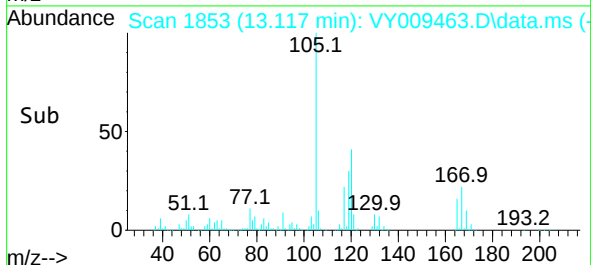
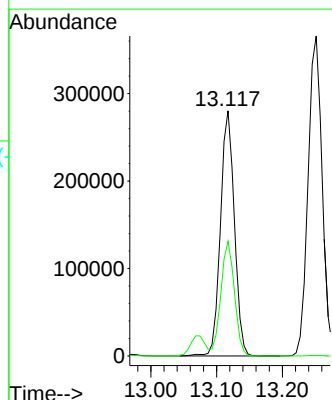
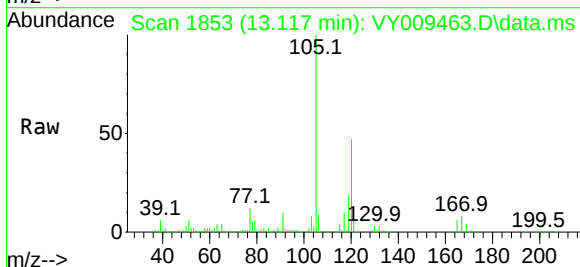
Acq: 07 Jul 2022 10:15

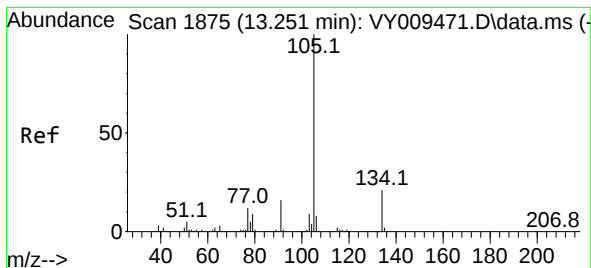
Tgt Ion:105 Resp: 412561

Ion Ratio Lower Upper

105 100

120 45.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.730 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

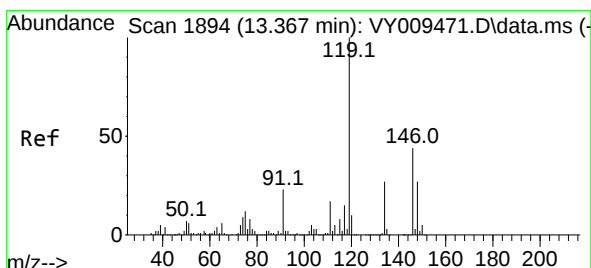
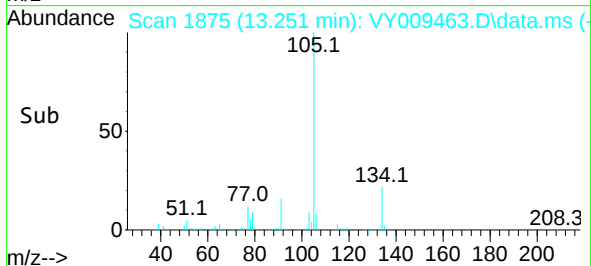
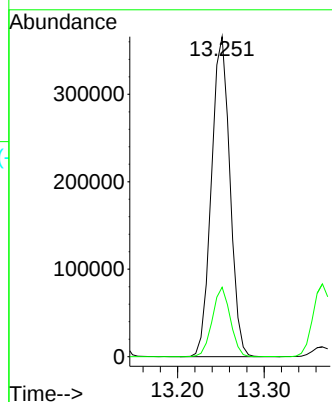
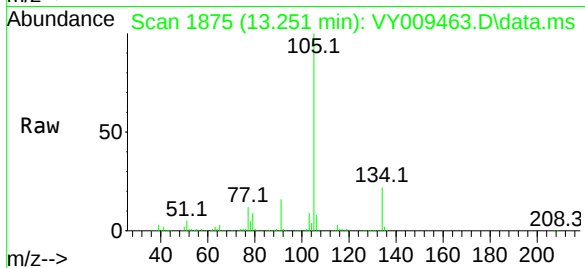
VSTDCCC050

Tgt Ion:105 Resp: 541981

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.478 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

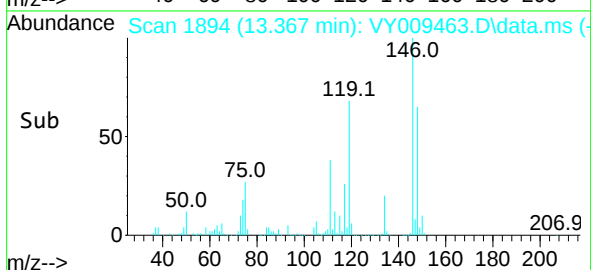
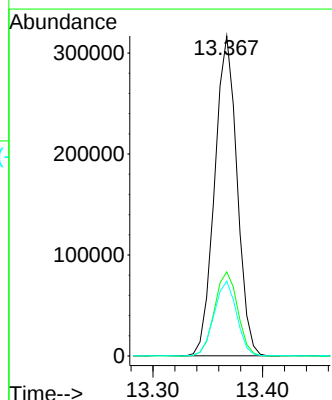
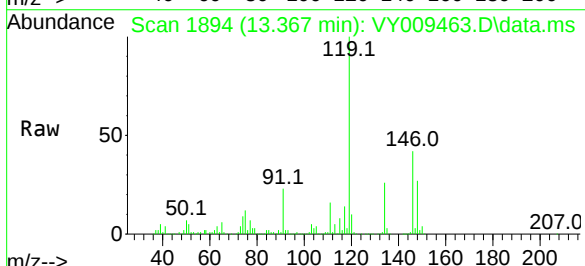
Tgt Ion:119 Resp: 449697

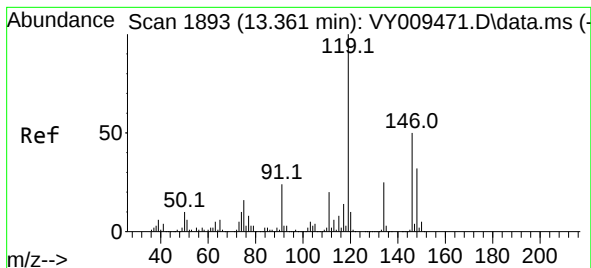
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 52.786 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

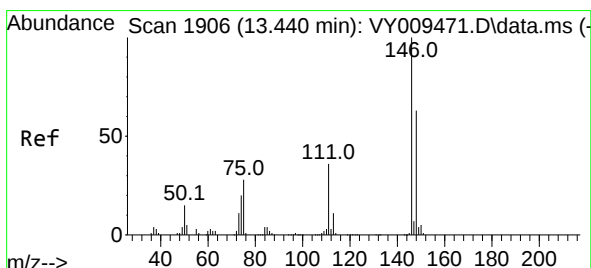
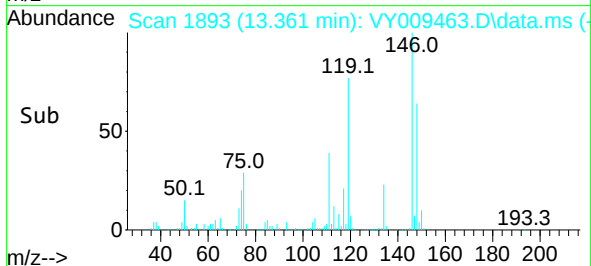
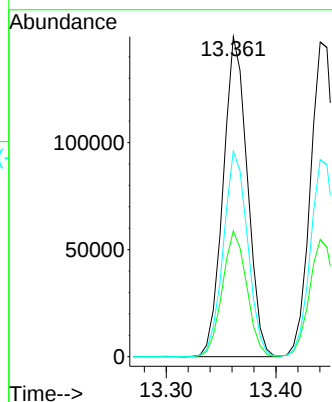
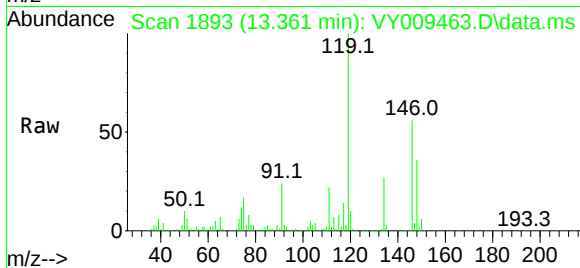
Tgt Ion:146 Resp: 229363

Ion Ratio Lower Upper

146 100

111 39.5 19.5 58.5

148 64.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 52.924 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

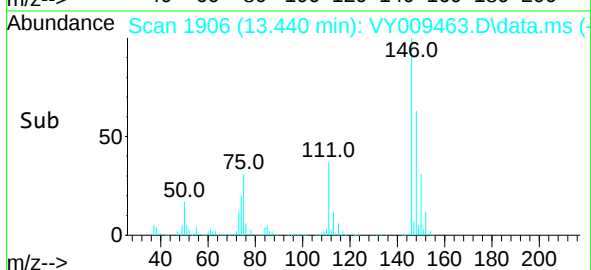
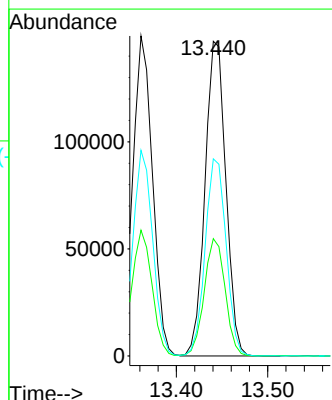
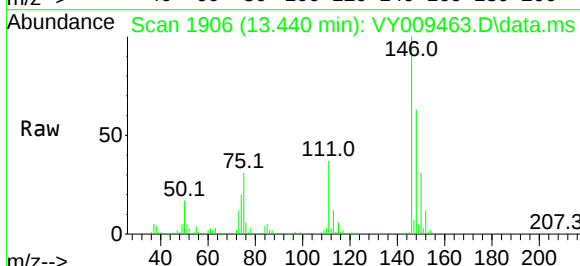
Tgt Ion:146 Resp: 232748

Ion Ratio Lower Upper

146 100

111 37.4 19.3 57.8

148 63.2 32.6 97.8

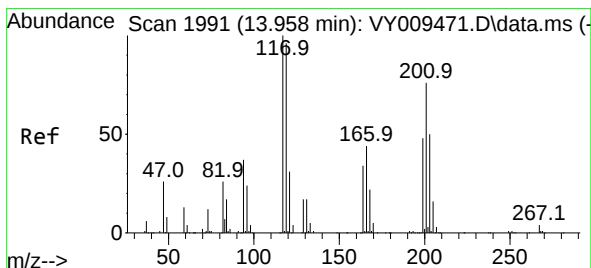
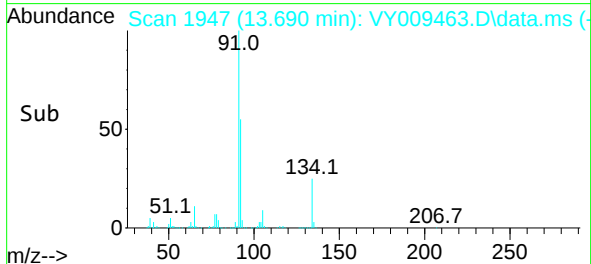
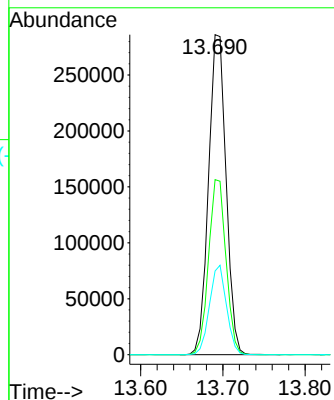
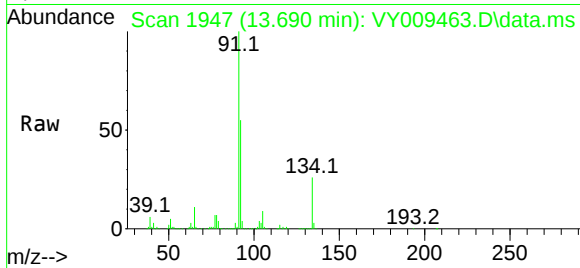




#89
n-Butylbenzene
Concen: 54.931 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

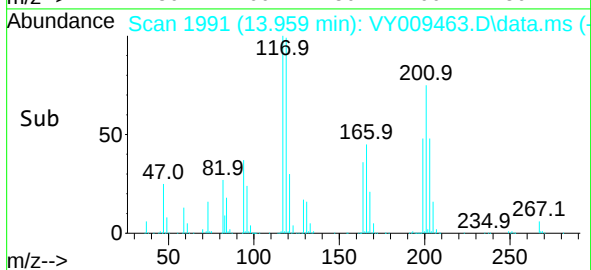
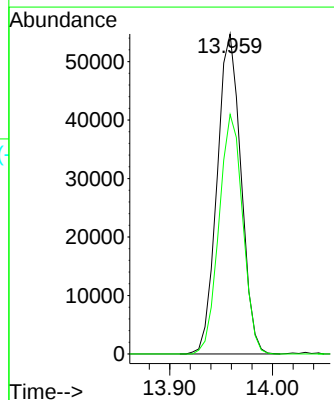
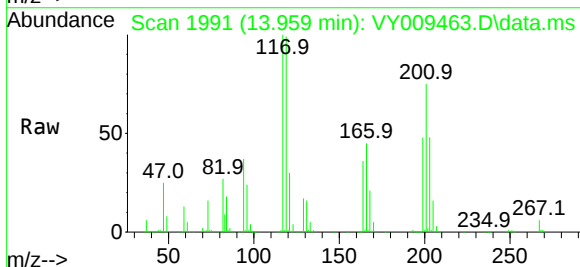
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

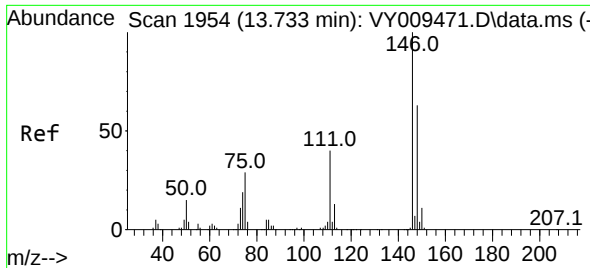
Tgt Ion: 91 Resp: 423424
Ion Ratio Lower Upper
91 100
92 54.4 26.3 78.9
134 27.1 13.0 38.9



#90
Hexachloroethane
Concen: 54.545 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009463.D
Acq: 07 Jul 2022 10:15

Tgt Ion: 117 Resp: 88342
Ion Ratio Lower Upper
117 100
201 74.3 43.0 128.8

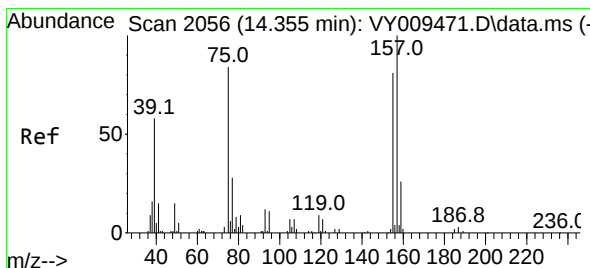
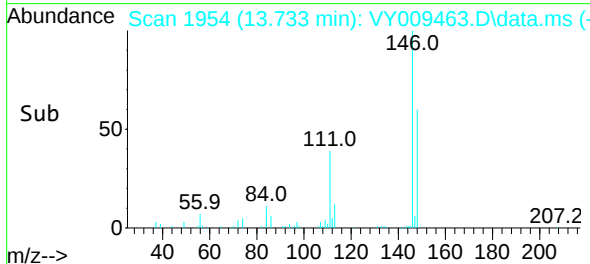
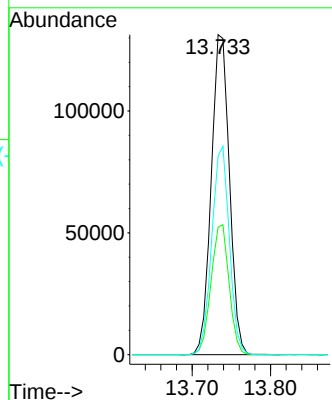
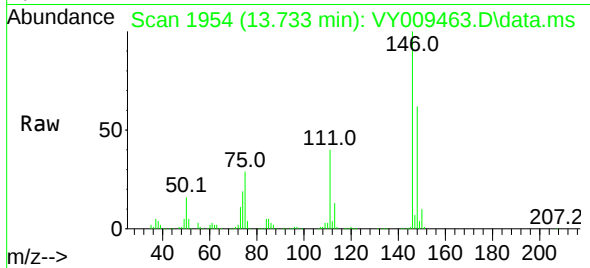




#91
 1,2-Dichlorobenzene
 Concen: 53.157 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: VY009463.D
 Acq: 07 Jul 2022 10:15

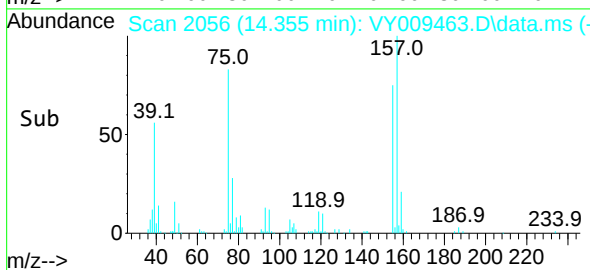
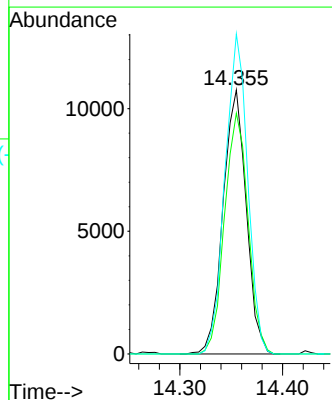
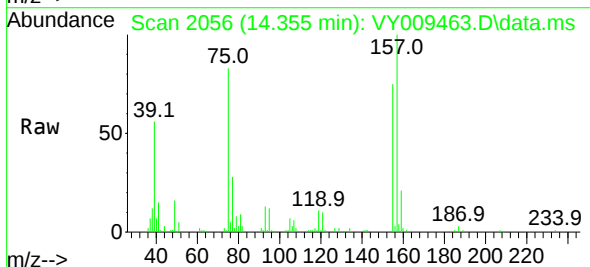
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

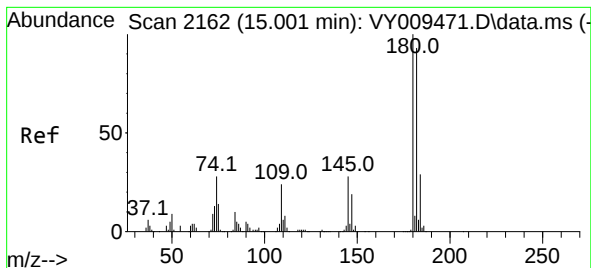
Tgt Ion:146 Resp: 211621
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.9
 148 63.1 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.181 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY009463.D
 Acq: 07 Jul 2022 10:15

Tgt Ion: 75 Resp: 16876
 Ion Ratio Lower Upper
 75 100
 155 92.2 38.0 113.9
 157 117.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 54.319 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

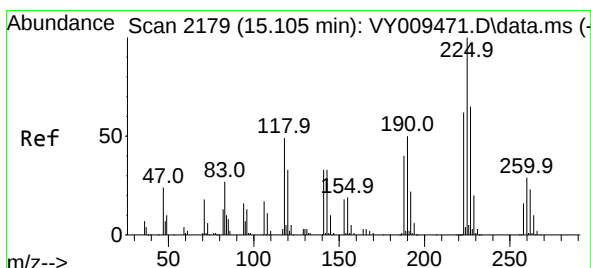
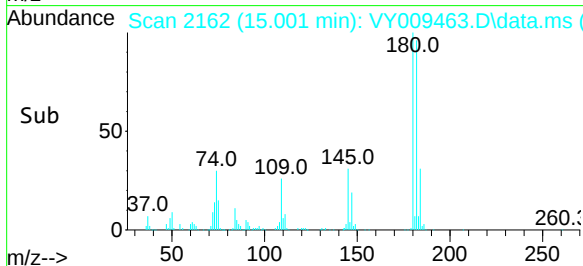
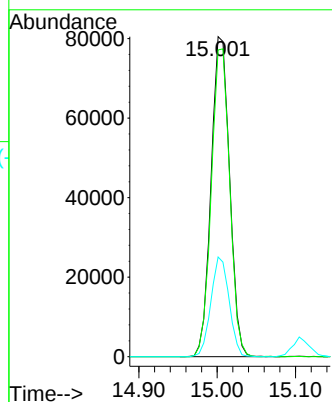
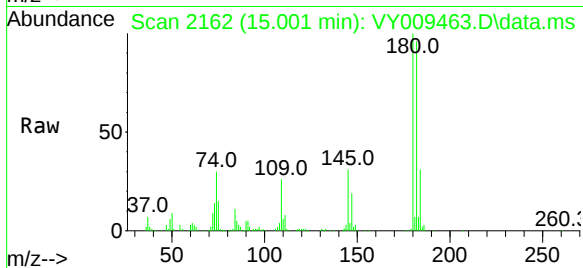
Tgt Ion:180 Resp: 131889

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 30.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 54.149 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

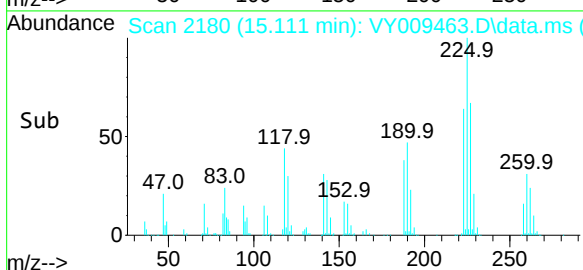
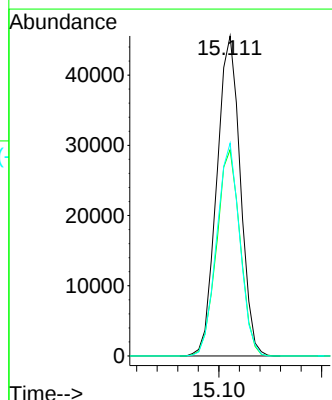
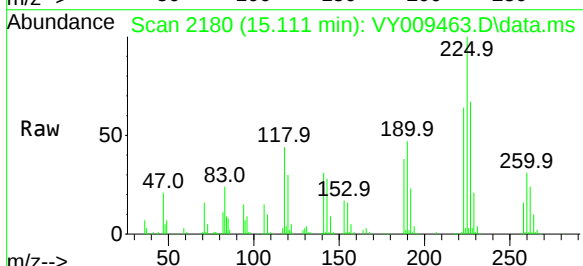
Tgt Ion:225 Resp: 72283

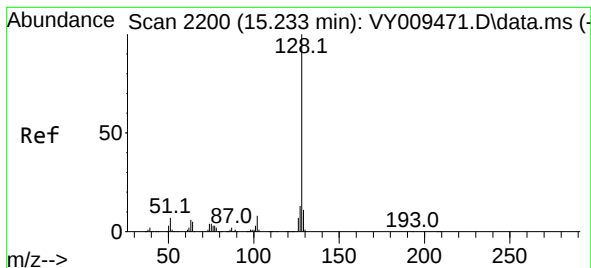
Ion Ratio Lower Upper

225 100

223 64.6 30.8 92.3

227 65.4 31.6 94.7





#95

Naphthalene

Concen: 56.055 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

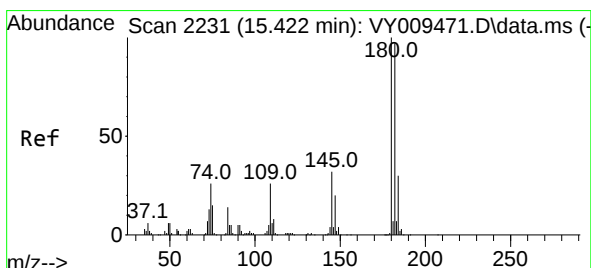
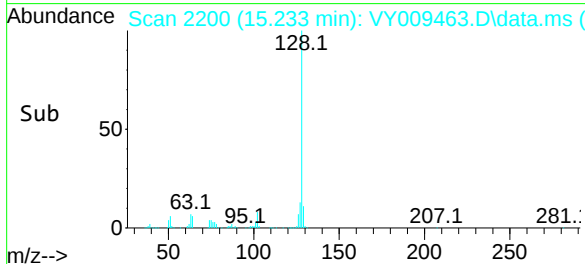
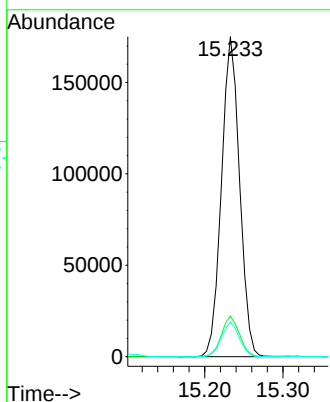
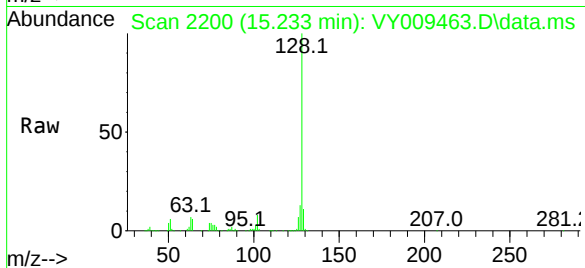
Tgt Ion:128 Resp: 281407

Ion Ratio Lower Upper

128 100

127 12.6 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 54.131 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009463.D

Acq: 07 Jul 2022 10:15

Tgt Ion:180 Resp: 113836

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 33.0 15.3 45.9

