

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009466.D
 Acq On : 07 Jul 2022 12:14
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 08 01:30:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	170007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	254917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35033	24.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.220%#
35) Dibromofluoromethane	7.710	113	31750	22.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.340%#
50) Toluene-d8	10.173	98	128994	26.222	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	52.440%#
62) 4-Bromofluorobenzene	12.477	95	45869	22.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	45.380%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	23607	18.107	ug/l	99
3) Chloromethane	2.107	50	25150	17.274	ug/l	100
4) Vinyl Chloride	2.241	62	30666	18.500	ug/l	95
5) Bromomethane	2.625	94	21652	18.182	ug/l	92
6) Chloroethane	2.778	64	18212	18.819	ug/l	92
7) Trichlorofluoromethane	3.107	101	44057	19.908	ug/l	96
8) Diethyl Ether	3.515	74	14071	16.619	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.893	101	25649	17.106	ug/l	92
10) Methyl Iodide	4.076	142	32568	18.305	ug/l	91
11) Tert butyl alcohol	4.936	59	21733	83.026	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	23870	17.163	ug/l #	76
13) Acrolein	3.723	56	5566	52.143	ug/l	98
14) Allyl chloride	4.473	41	32281	13.491	ug/l #	93
15) Acrylonitrile	5.149	53	31917	68.508	ug/l	98
16) Acetone	3.942	43	26449	63.953	ug/l	92
17) Carbon Disulfide	4.180	76	50408	12.878	ug/l #	95
18) Methyl Acetate	4.466	43	16143	13.294	ug/l #	86
19) Methyl tert-butyl Ether	5.210	73	67093	15.939	ug/l	91
20) Methylene Chloride	4.704	84	37503	16.110	ug/l #	79
21) trans-1,2-Dichloroethene	5.204	96	24916	15.290	ug/l	87
22) Diisopropyl ether	6.112	45	71865	14.127	ug/l #	94
23) Vinyl Acetate	6.052	43	224593	69.049	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	44466	15.500	ug/l	96
25) 2-Butanone	6.978	43	41589	62.164	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	45581	16.121	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	31533	16.436	ug/l	83
28) Bromochloromethane	7.320	49	21044	17.453	ug/l	86
29) Tetrahydrofuran	7.338	42	35240	81.438	ug/l	93
30) Chloroform	7.496	83	60090	19.139	ug/l	96
31) Cyclohexane	7.777	56	47802	17.138	ug/l	86
32) 1,1,1-Trichloroethane	7.698	97	53417	19.297	ug/l	97
36) 1,1-Dichloropropene	7.911	75	42677	18.307	ug/l	98
37) Ethyl Acetate	7.064	43	19646	13.444	ug/l #	94
38) Carbon Tetrachloride	7.893	117	48529	19.465	ug/l	100
39) Methylcyclohexane	9.179	83	49138	17.560	ug/l	94
40) Benzene	8.155	78	130055	18.999	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	32762	24.109	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	40510	19.711	ug/l	93
43) Isopropyl Acetate	8.265	43	52315	19.187	ug/l	97
44) Trichloroethene	8.935	130	36331	18.787	ug/l	98
45) 1,2-Dichloropropane	9.209	63	32452	18.732	ug/l	90
46) Dibromomethane	9.301	93	19166	18.850	ug/l	96
47) Bromodichloromethane	9.490	83	48032	19.847	ug/l	99
48) Methyl methacrylate	9.289	41	22668	19.297	ug/l	91
49) 1,4-Dioxane	9.295	88	5450	363.967	ug/l	95
51) 4-Methyl-2-Pentanone	10.063	43	140266	97.824	ug/l	95
52) Toluene	10.240	92	86128	19.744	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	49700	19.487	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	54363	19.116	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	28112	19.165	ug/l	97
56) Ethyl methacrylate	10.502	69	37914	19.468	ug/l	88
57) 1,3-Dichloropropane	10.788	76	48018	19.857	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	91877	96.576	ug/l	96
59) 2-Hexanone	10.825	43	95414	96.032	ug/l	94
60) Dibromochloromethane	10.977	129	34939	19.669	ug/l	99
61) 1,2-Dibromoethane	11.081	107	27182	19.330	ug/l	100
64) Tetrachloroethene	10.715	164	41880	19.650	ug/l	98
65) Chlorobenzene	11.508	112	96991	19.373	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	36653	19.462	ug/l	96
67) Ethyl Benzene	11.587	91	169635	19.408	ug/l	98
68) m/p-Xylenes	11.697	106	135317	39.696	ug/l	91
69) o-Xylene	12.026	106	64498	19.740	ug/l	90
70) Styrene	12.038	104	110392	20.228	ug/l	94
71) Bromoform	12.203	173	23372	19.471	ug/l #	95
73) Isopropylbenzene	12.325	105	170984	18.744	ug/l	100
74) N-amyl acetate	12.142	43	49706	19.152	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	32282	17.675	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	45589	19.379	ug/l #	100
77) Bromobenzene	12.605	156	42317	19.056	ug/l	94
78) n-propylbenzene	12.666	91	209868	19.044	ug/l	98
79) 2-Chlorotoluene	12.752	91	118746	19.246	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	146482	19.212	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	12397	17.970	ug/l	88
82) 4-Chlorotoluene	12.849	91	125085	19.345	ug/l	97
83) tert-Butylbenzene	13.069	119	130825	19.286	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	148558	19.575	ug/l	97
85) sec-Butylbenzene	13.251	105	195554	19.575	ug/l	99
86) p-Isopropyltoluene	13.367	119	162603	19.526	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	84573	19.294	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	87331	19.685	ug/l	98
89) n-Butylbenzene	13.690	91	153383	19.724	ug/l	98
90) Hexachloroethane	13.959	117	31186	19.087	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	78419	19.526	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5755	17.977	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	44241	18.061	ug/l	97
94) Hexachlorobutadiene	15.111	225	25974	19.288	ug/l	98
95) Naphthalene	15.233	128	88366	17.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38990	18.378	ug/l	99

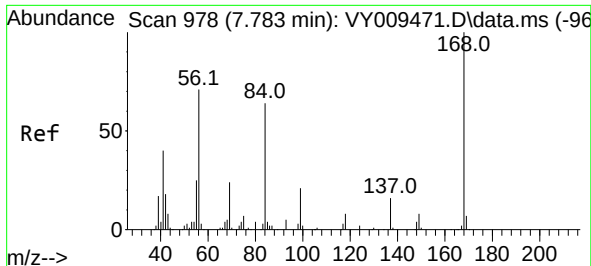
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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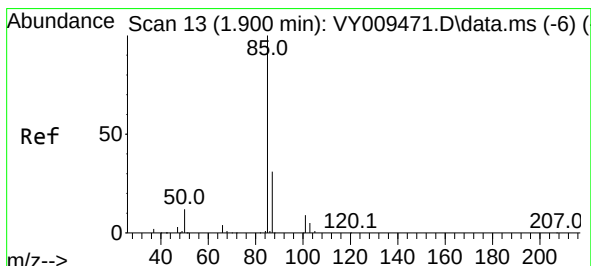
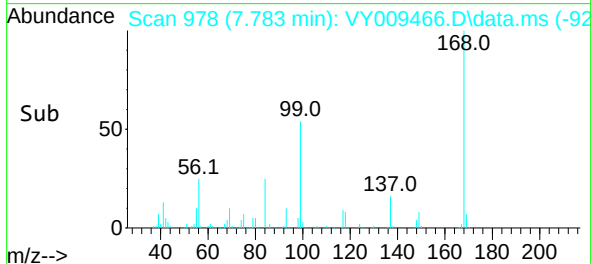
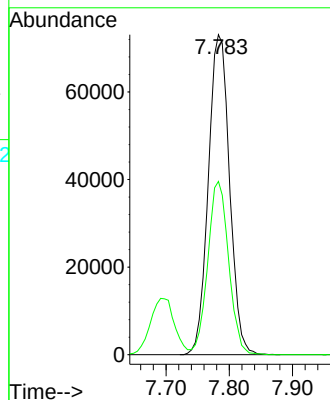
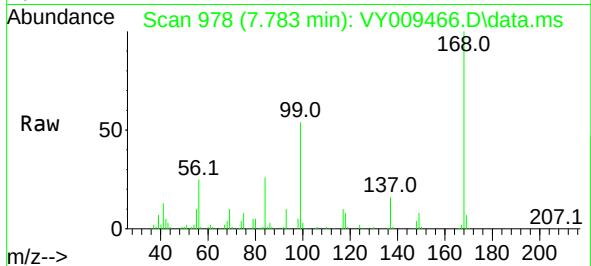
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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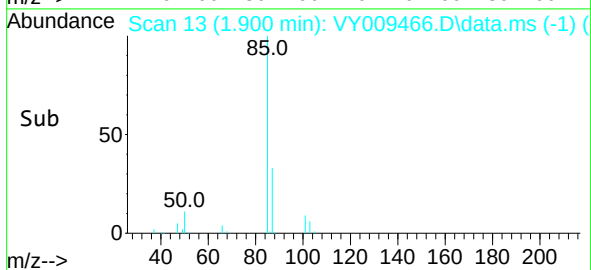
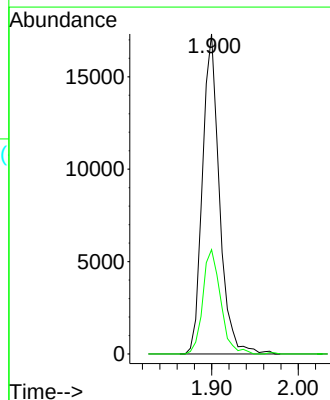
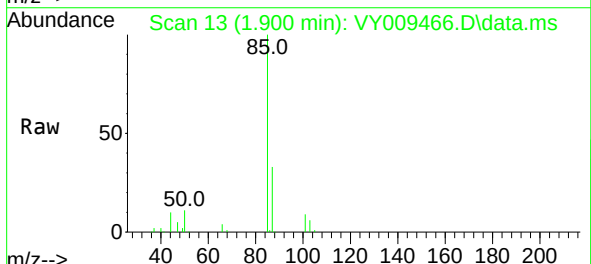
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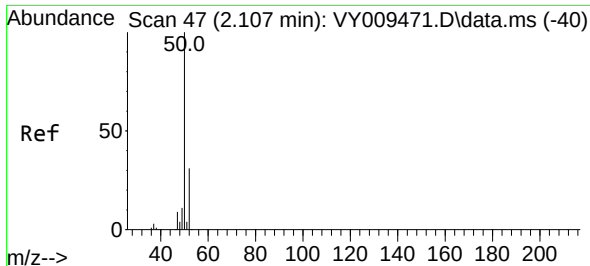
Tgt Ion:168 Resp: 170007
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 18.107 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 85 Resp: 23607
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

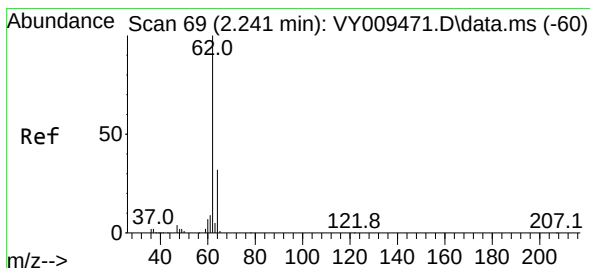
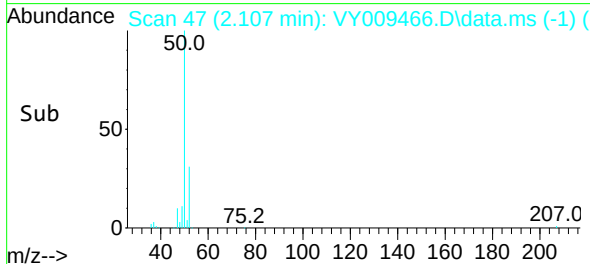
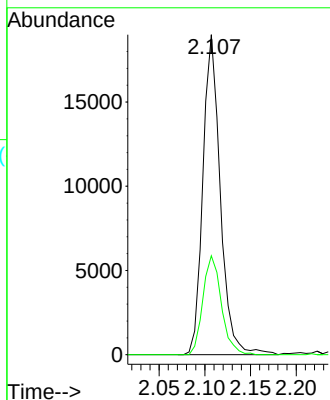
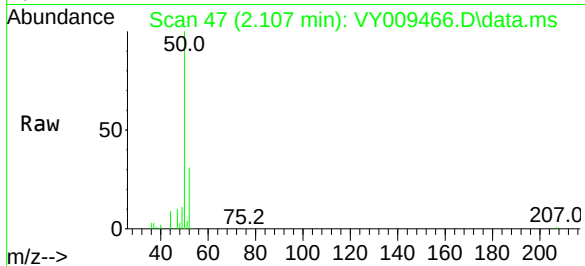




#3
Chloromethane
Concen: 17.274 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

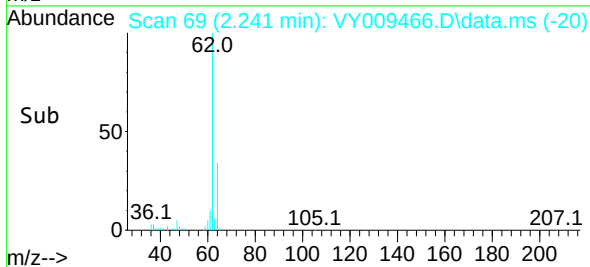
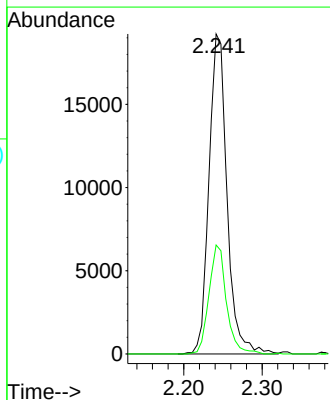
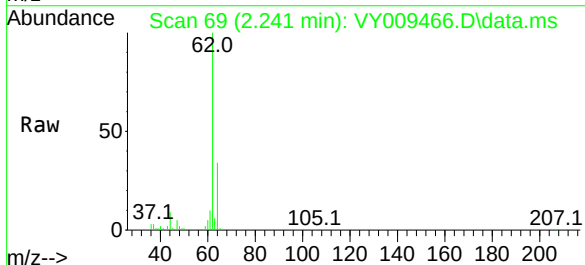
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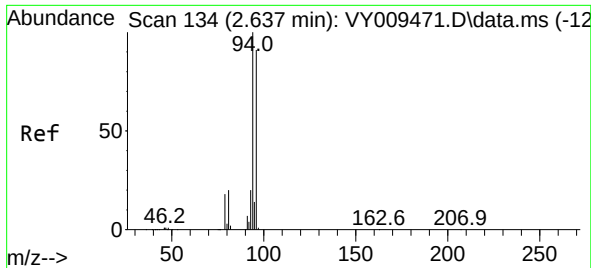
Tgt Ion: 50 Resp: 25150
Ion Ratio Lower Upper
50 100
52 30.9 24.6 37.0



#4
Vinyl Chloride
Concen: 18.500 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 62 Resp: 30666
Ion Ratio Lower Upper
62 100
64 34.1 25.0 37.6

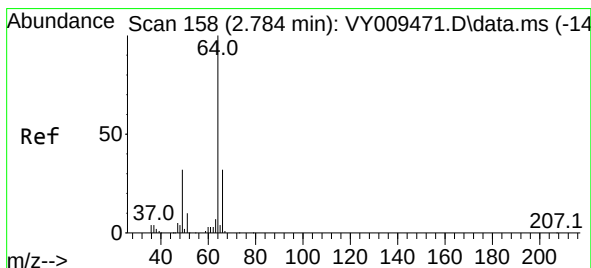
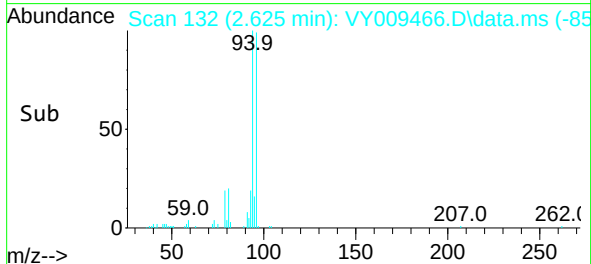
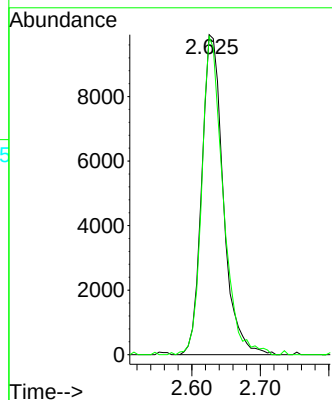
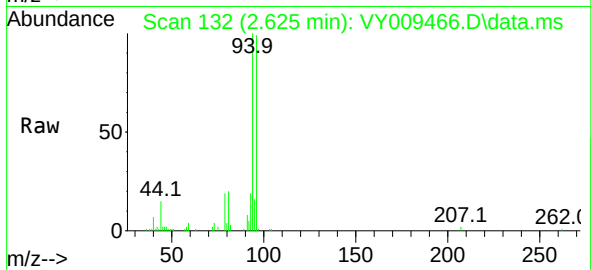




#5
Bromomethane
Concen: 18.182 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

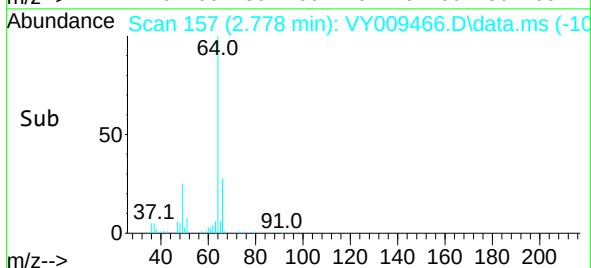
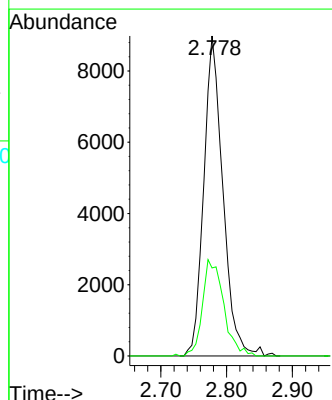
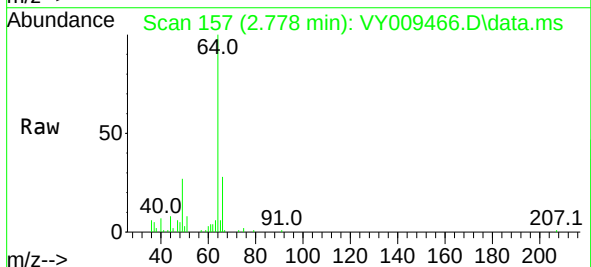
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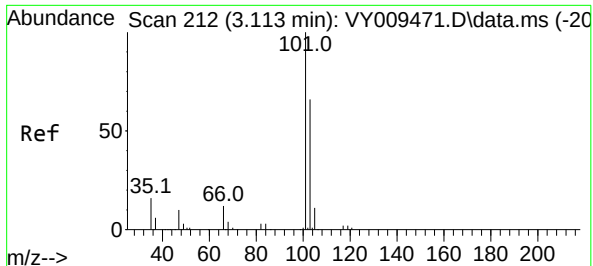
Tgt Ion: 94 Resp: 21652
Ion Ratio Lower Upper
94 100
96 99.4 73.5 110.3



#6
Chloroethane
Concen: 18.819 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 64 Resp: 18212
Ion Ratio Lower Upper
64 100
66 27.5 25.4 38.0

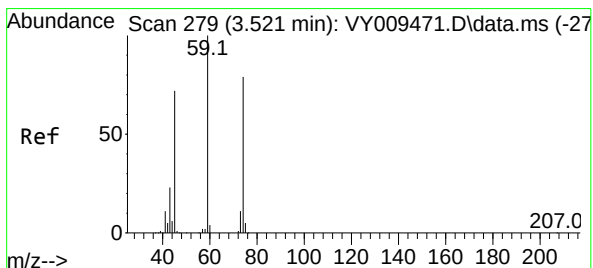
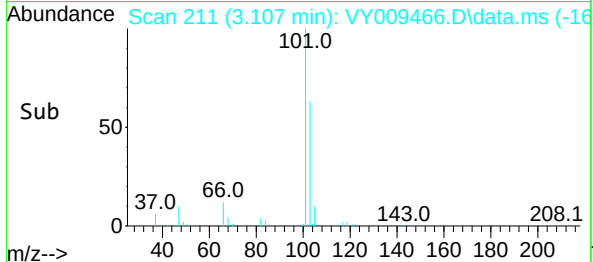
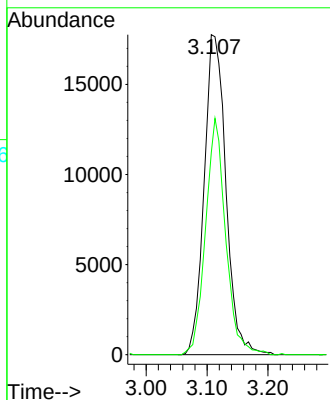
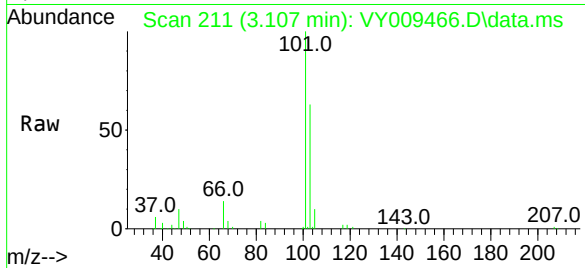




#7
Trichlorofluoromethane
Concen: 19.908 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY009466.D
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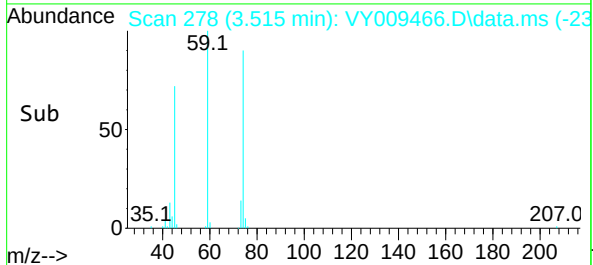
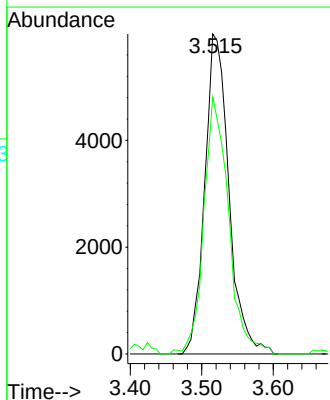
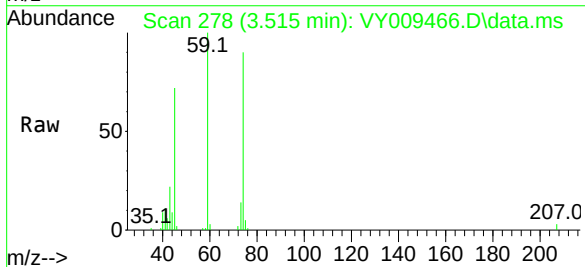
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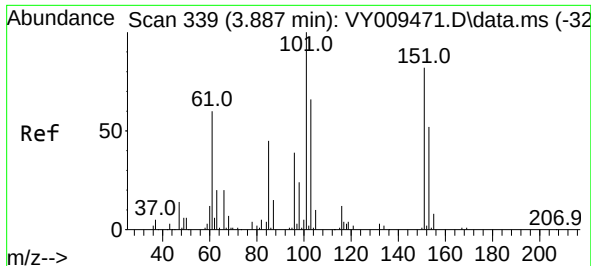
Tgt Ion:101 Resp: 44057
Ion Ratio Lower Upper
101 100
103 63.2 48.0 72.0



#8
Diethyl Ether
Concen: 16.619 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 74 Resp: 14071
Ion Ratio Lower Upper
74 100
45 82.5 55.1 165.5

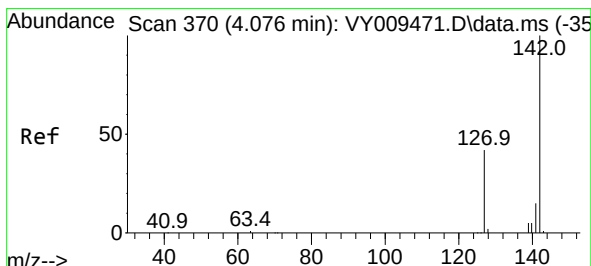
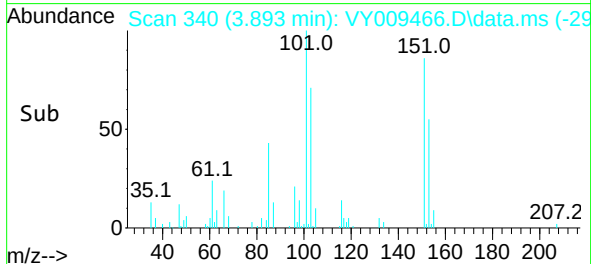
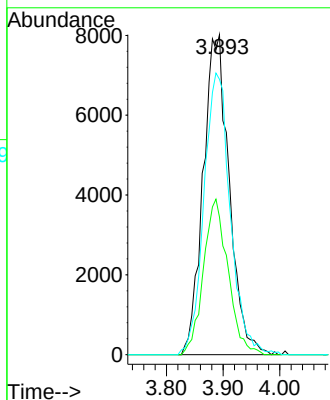
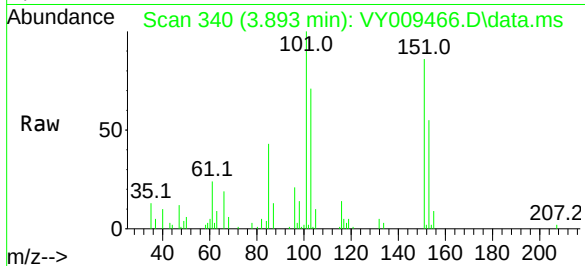




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.106 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009466.D
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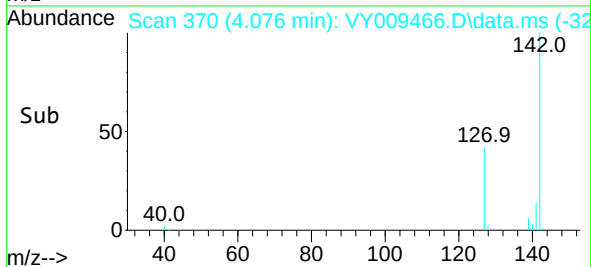
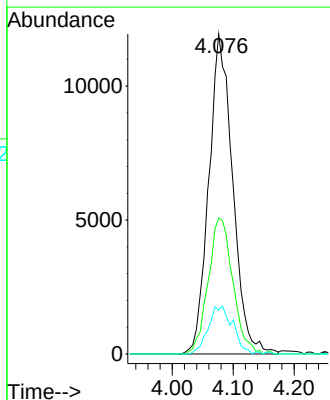
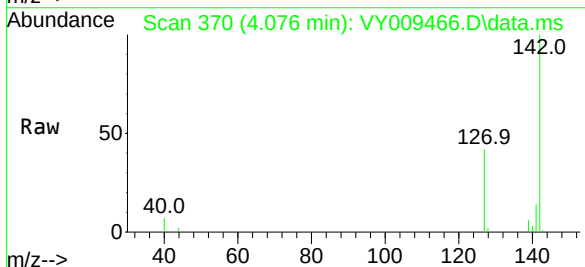
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ClientSampleId :
VSTDIC020

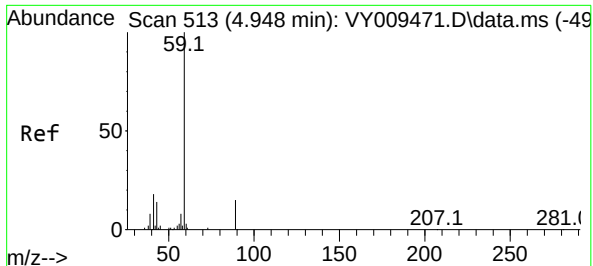
Tgt Ion:101	Resp:	25649
Ion Ratio	Lower	Upper
101	100	
85	45.8	40.6 60.8
151	89.1	64.9 97.3



#10
Methyl Iodide
Concen: 18.305 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion:142	Resp:	32568
Ion Ratio	Lower	Upper
142	100	
127	43.7	41.5 62.3
141	15.5	11.9 17.9





#11

Tert butyl alcohol

Concen: 83.026 ug/l

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

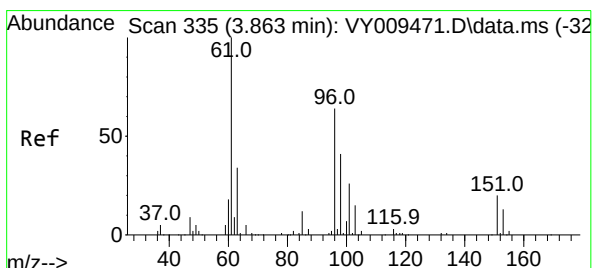
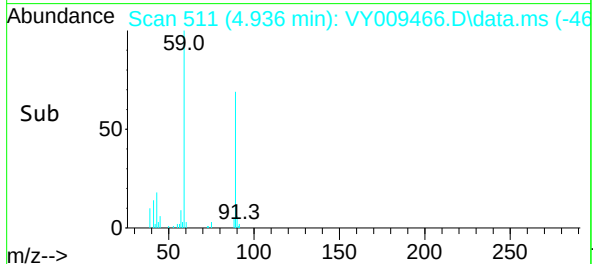
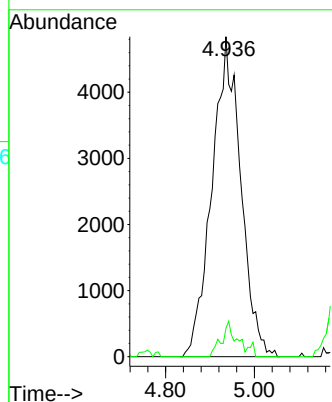
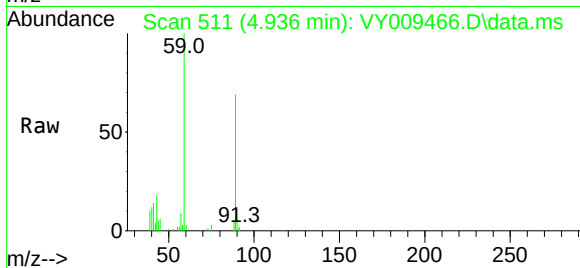
VSTDICC020

Tgt Ion: 59 Resp: 21733

Ion Ratio Lower Upper

59 100

57 5.5 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 17.163 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

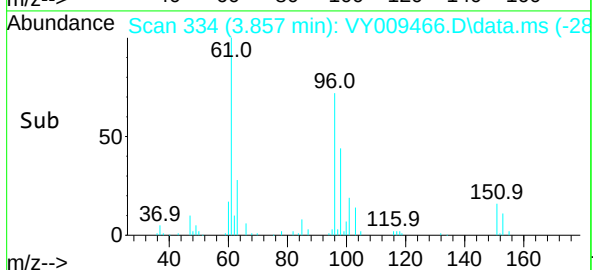
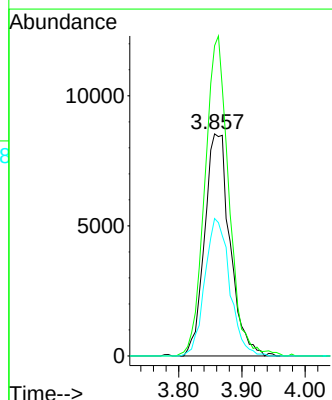
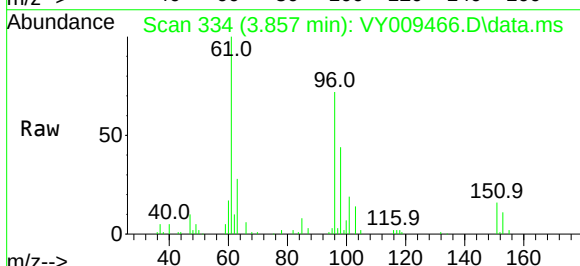
Tgt Ion: 96 Resp: 23870

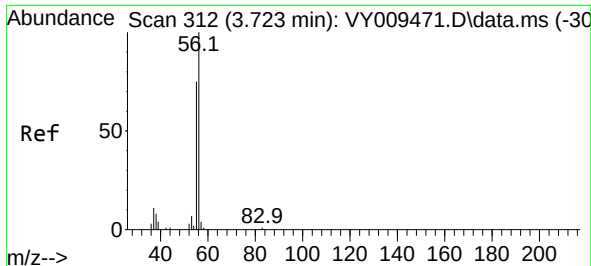
Ion Ratio Lower Upper

96 100

61 138.8 145.8 218.6#

98 61.9 52.5 78.7





#13

Acrolein

Concen: 52.143 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

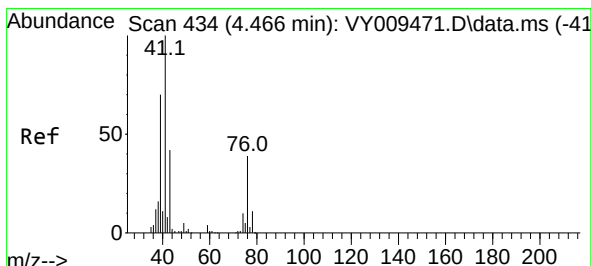
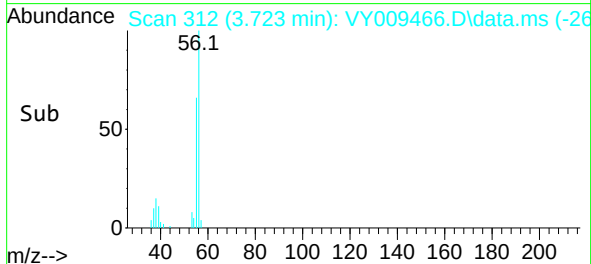
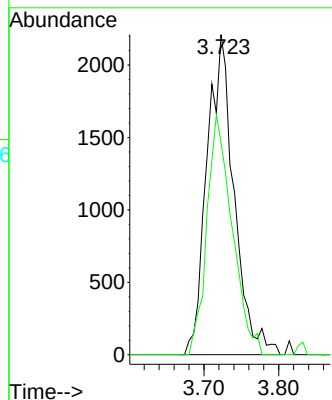
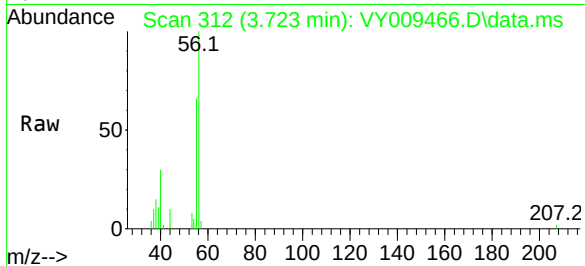
VSTDICC020

Tgt Ion: 56 Resp: 5566

Ion Ratio Lower Upper

56 100

55 70.1 57.6 86.4



#14

Allyl chloride

Concen: 13.491 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

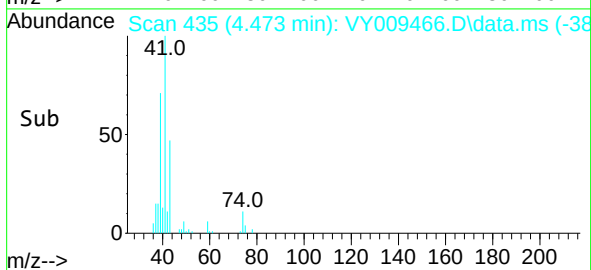
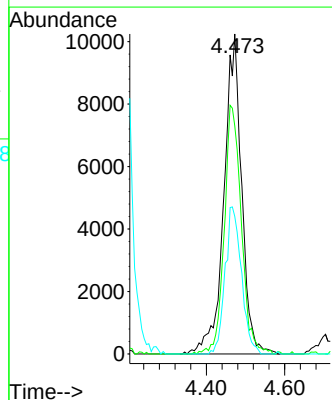
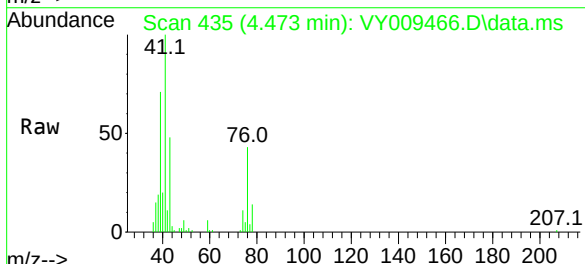
Tgt Ion: 41 Resp: 32281

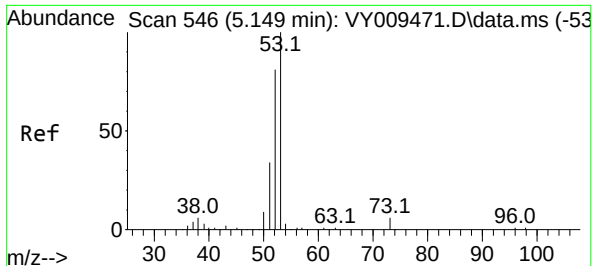
Ion Ratio Lower Upper

41 100

39 74.6 58.8 88.2

76 42.3 25.1 37.7#





#15

Acrylonitrile

Concen: 68.508 ug/l

RT: 5.149 min Scan# 546

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

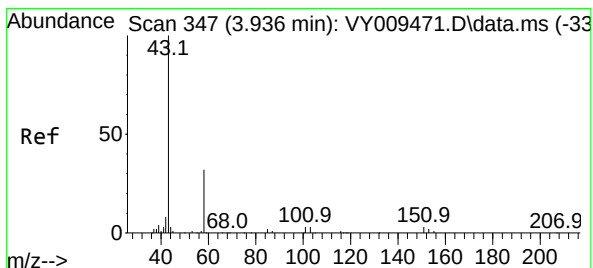
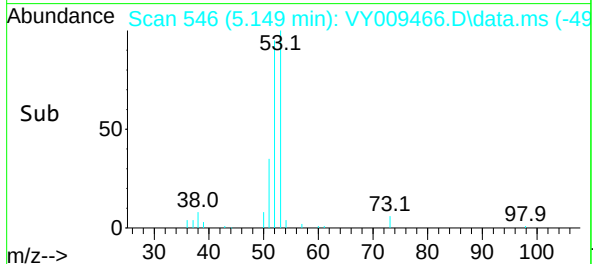
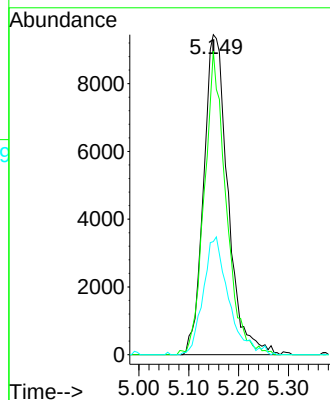
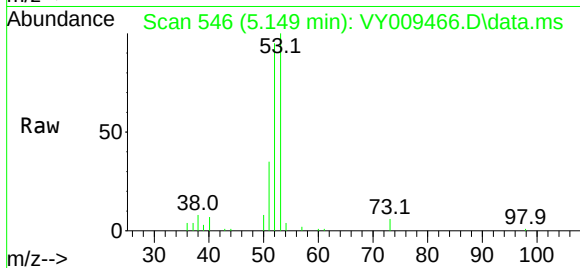
Tgt Ion: 53 Resp: 31917

Ion Ratio Lower Upper

53 100

52 85.1 67.0 100.4

51 38.1 29.8 44.6



#16

Acetone

Concen: 63.953 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009466.D

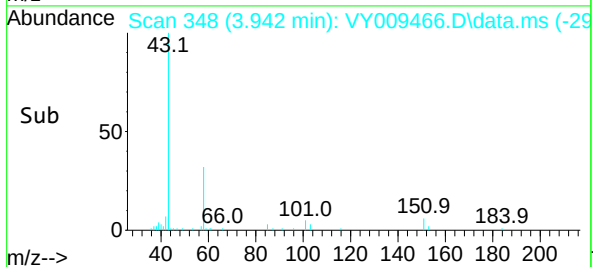
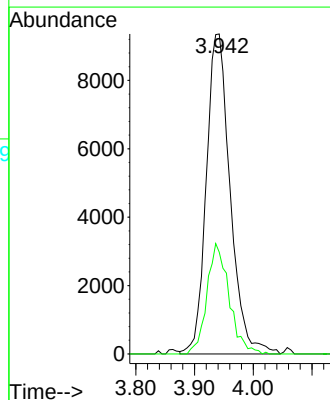
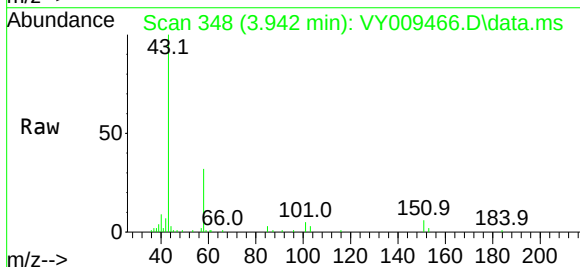
Acq: 07 Jul 2022 12:14

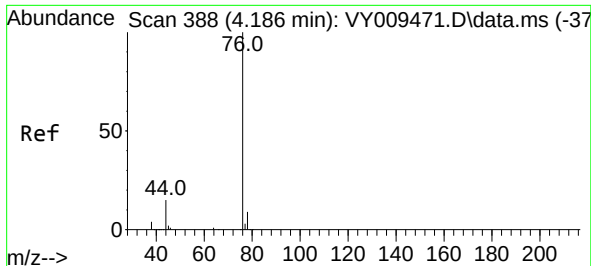
Tgt Ion: 43 Resp: 26449

Ion Ratio Lower Upper

43 100

58 31.8 22.0 33.0





#17

Carbon Disulfide

Concen: 12.878 ug/l

RT: 4.180 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

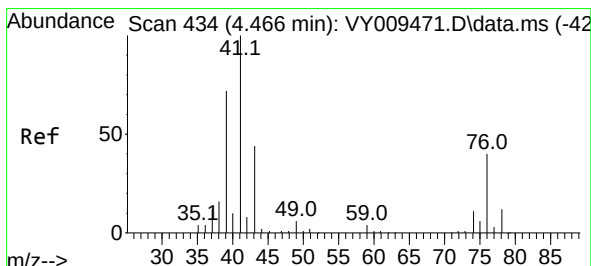
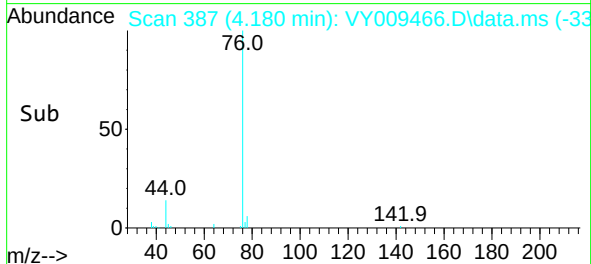
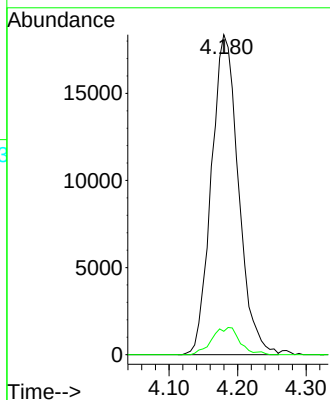
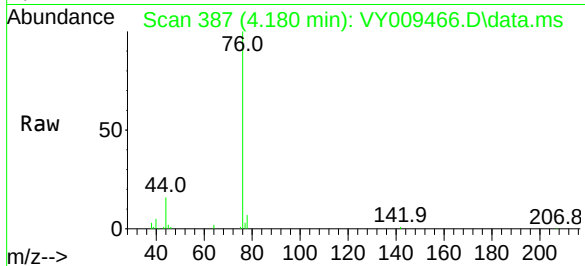
VSTDIC020

Tgt Ion: 76 Resp: 50408

Ion Ratio Lower Upper

76 100

78 7.3 7.4 11.0#



#18

Methyl Acetate

Concen: 13.294 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009466.D

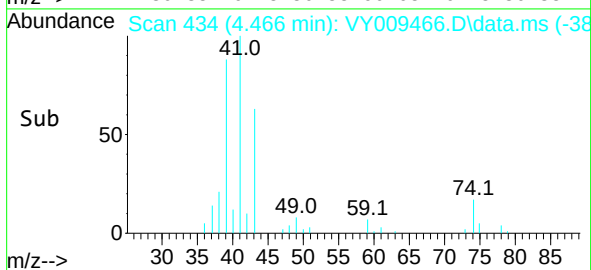
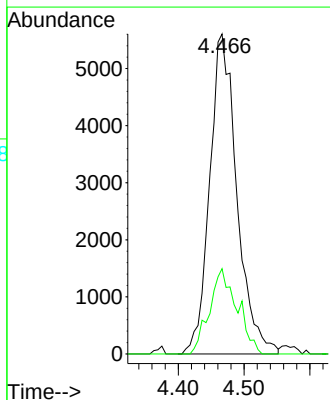
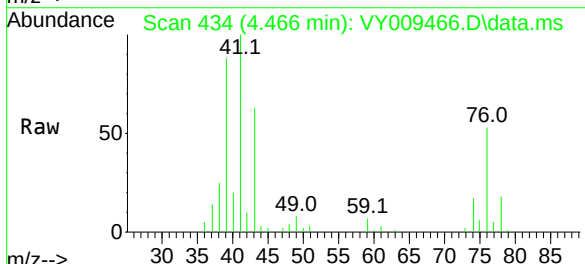
Acq: 07 Jul 2022 12:14

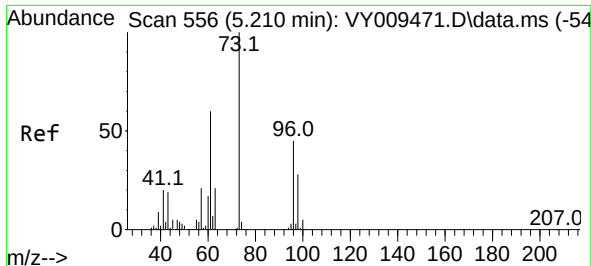
Tgt Ion: 43 Resp: 16143

Ion Ratio Lower Upper

43 100

74 27.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 15.939 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

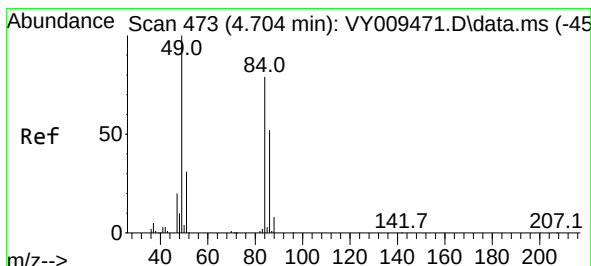
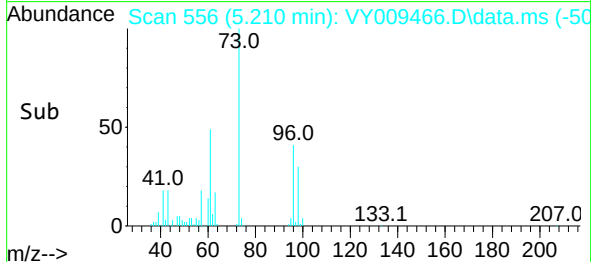
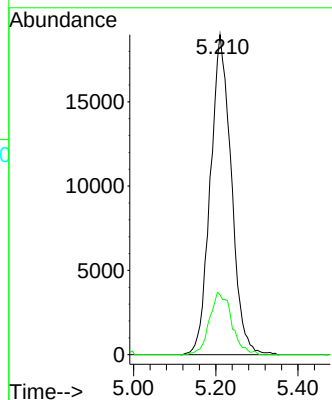
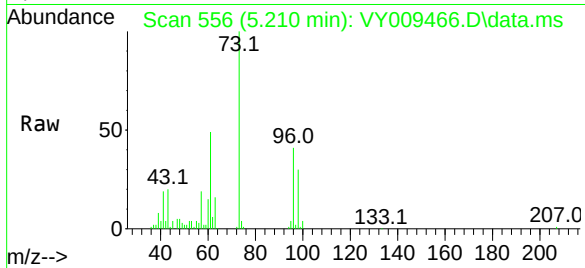
VSTDIC020

Tgt Ion: 73 Resp: 67093

Ion Ratio Lower Upper

73 100

57 18.7 18.6 27.8



#20

Methylene Chloride

Concen: 16.110 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Tgt Ion: 84 Resp: 37503

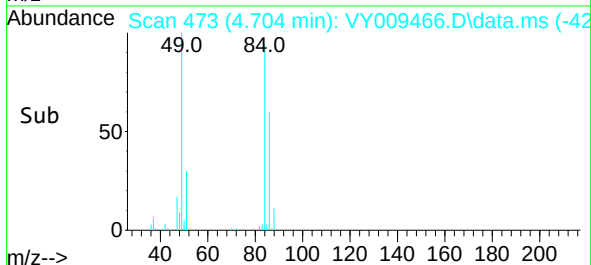
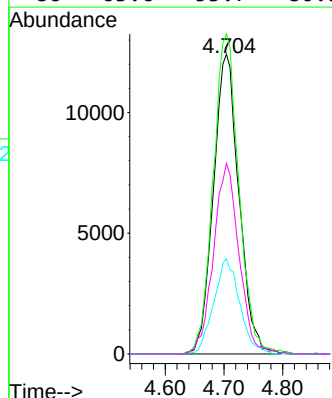
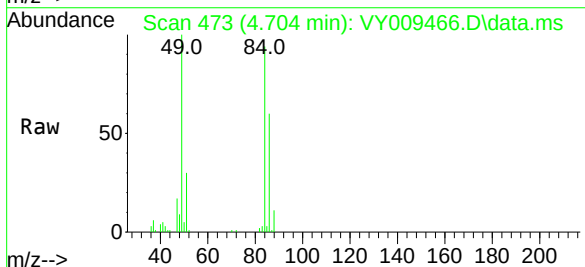
Ion Ratio Lower Upper

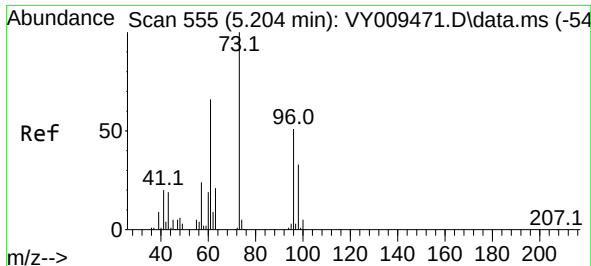
84 100

49 106.7 114.4 171.6#

51 31.7 35.3 52.9#

86 63.6 53.7 80.5

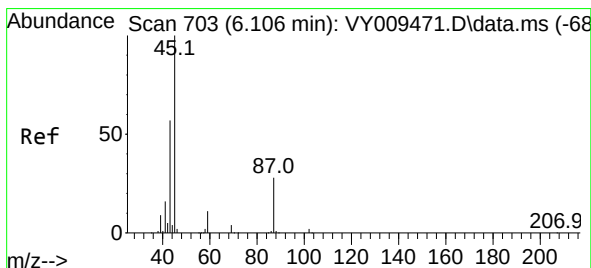
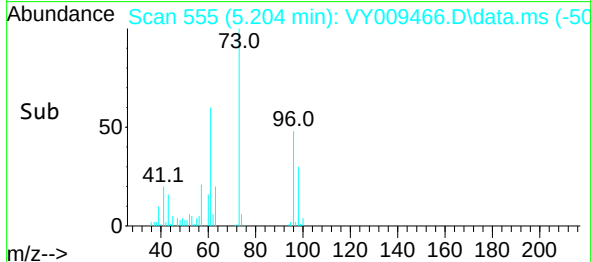
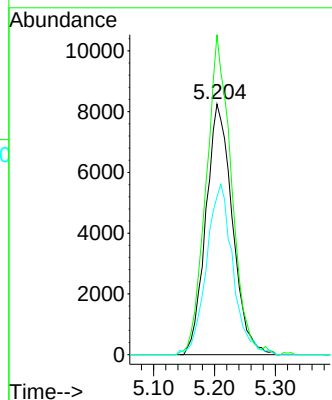
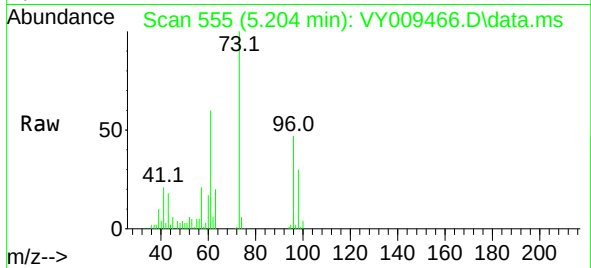




#21
trans-1,2-Dichloroethene
Concen: 15.290 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

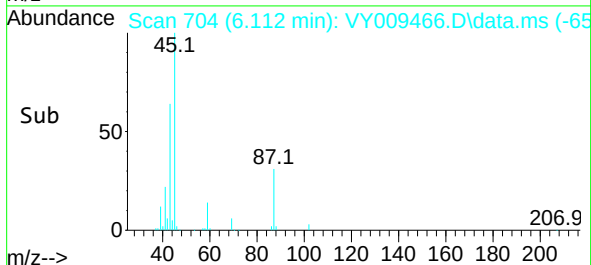
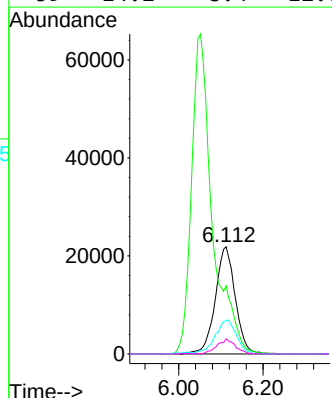
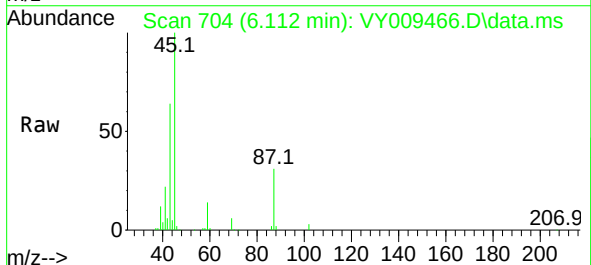
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

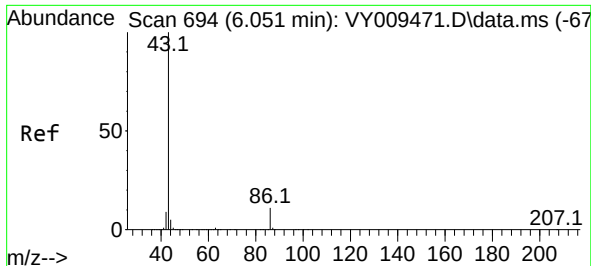
Tgt Ion: 96 Resp: 24916
Ion Ratio Lower Upper
96 100
61 127.7 120.5 180.7
98 63.0 49.8 74.8



#22
Diisopropyl ether
Concen: 14.127 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 45 Resp: 71865
Ion Ratio Lower Upper
45 100
43 63.2 49.3 73.9
87 30.9 19.2 28.8#
59 14.2 8.4 12.6#

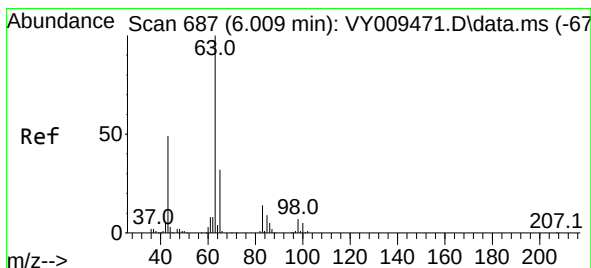
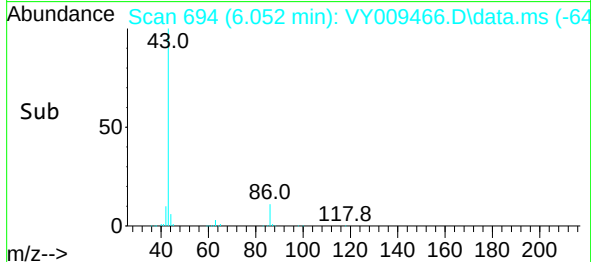
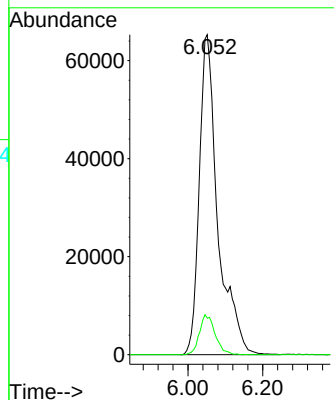
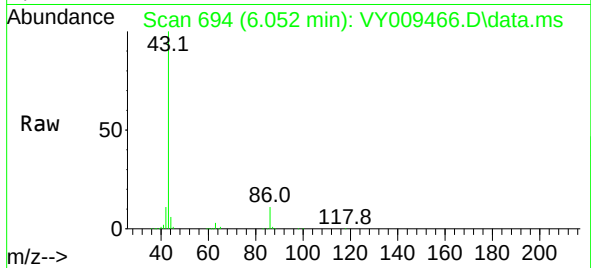




#23
 Vinyl Acetate
 Concen: 69.049 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009466.D
 Acq: 07 Jul 2022 12:14

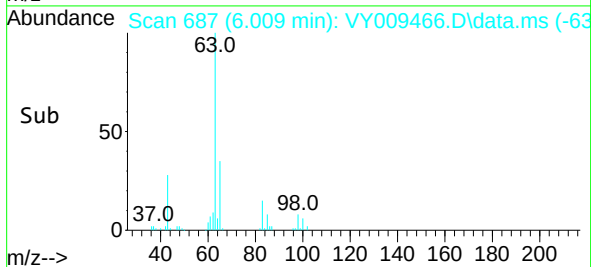
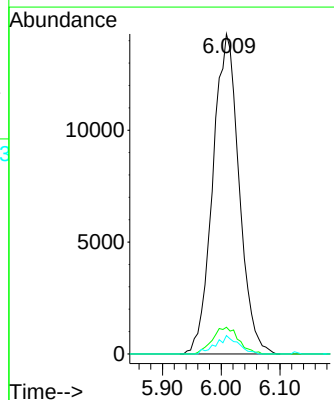
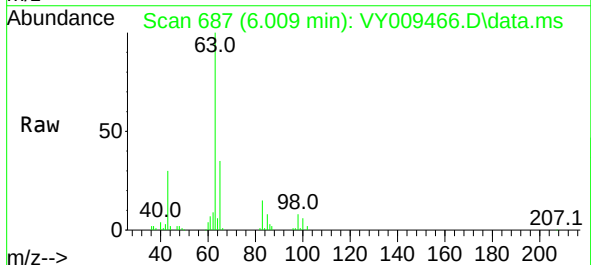
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

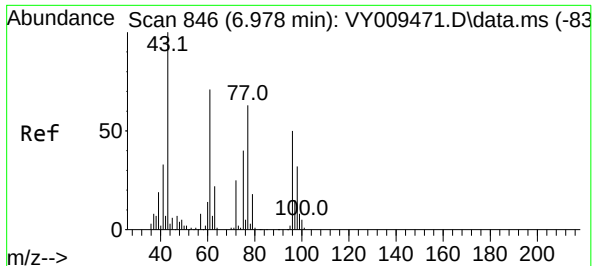
Tgt Ion: 43 Resp: 224593
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 15.500 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY009466.D
 Acq: 07 Jul 2022 12:14

Tgt Ion: 63 Resp: 44466
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 5.8 2.0 5.8

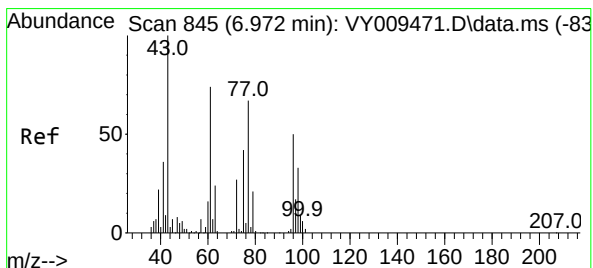
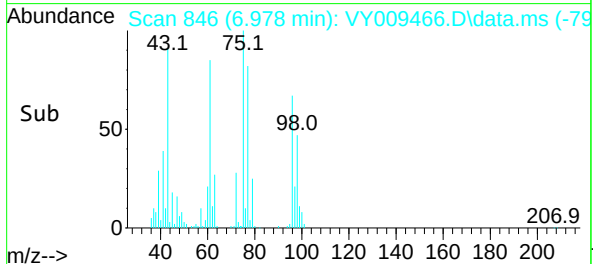
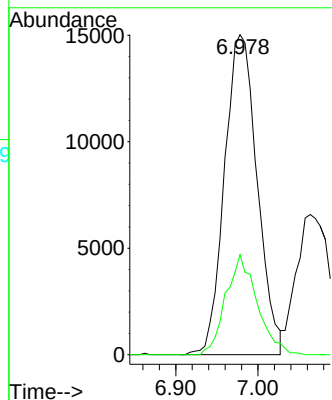
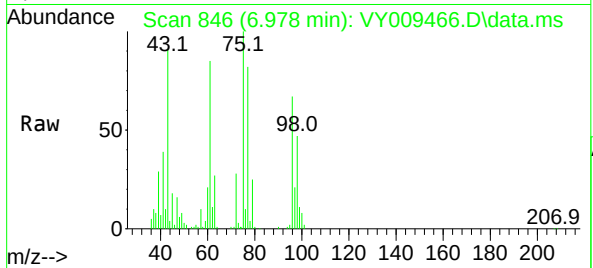




#25
2-Butanone
Concen: 62.164 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

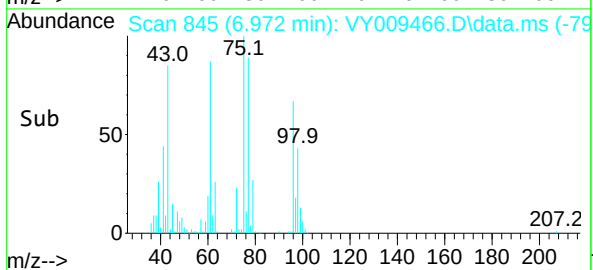
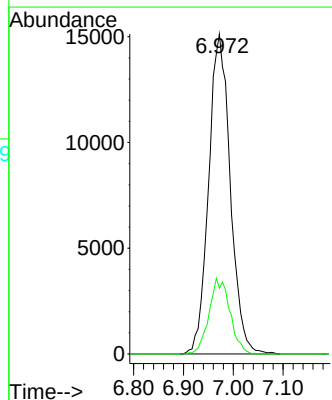
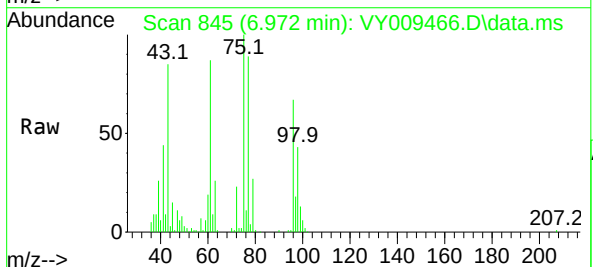
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

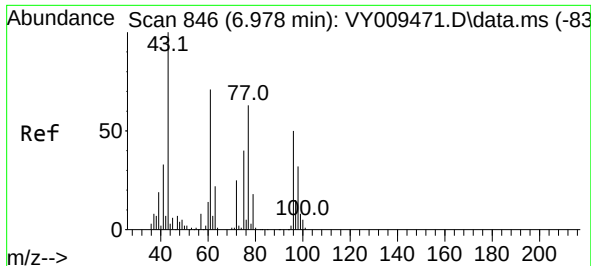
Tgt Ion: 43 Resp: 41589
Ion Ratio Lower Upper
43 100
72 31.3 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 16.121 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 77 Resp: 45581
Ion Ratio Lower Upper
77 100
97 22.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 16.436 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

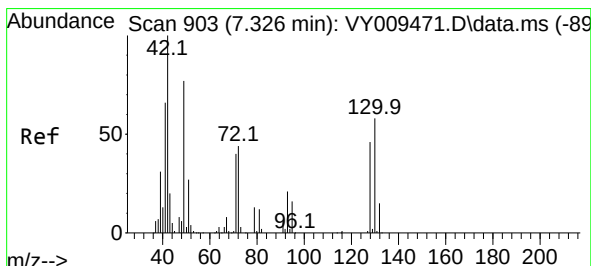
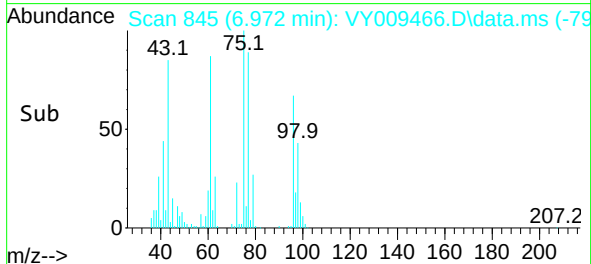
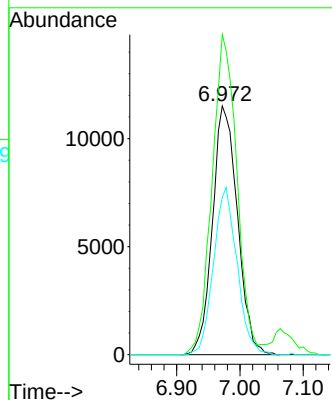
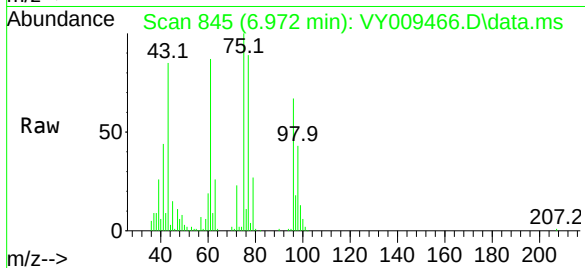
Tgt Ion: 96 Resp: 31533

Ion Ratio Lower Upper

96 100

61 128.0 0.0 319.8

98 63.4 0.0 127.0



#28

Bromochloromethane

Concen: 17.453 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

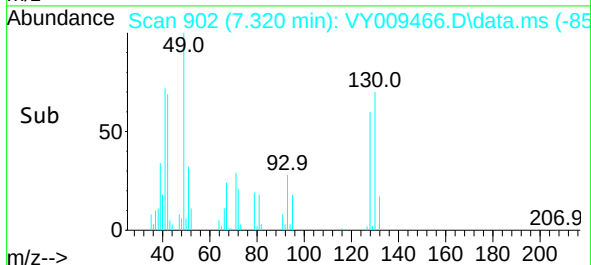
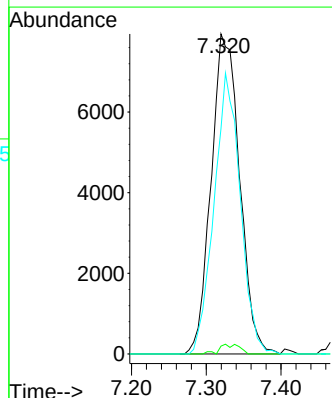
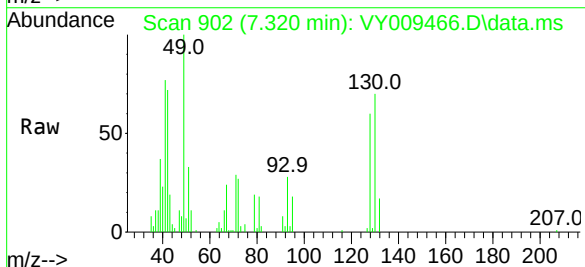
Tgt Ion: 49 Resp: 21044

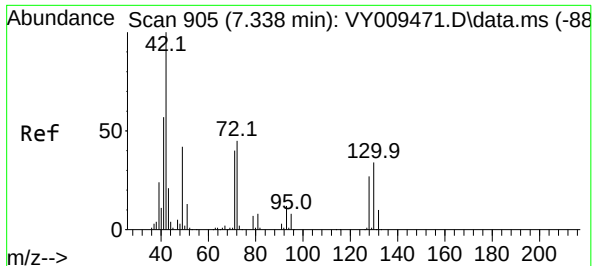
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 80.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 81.438 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

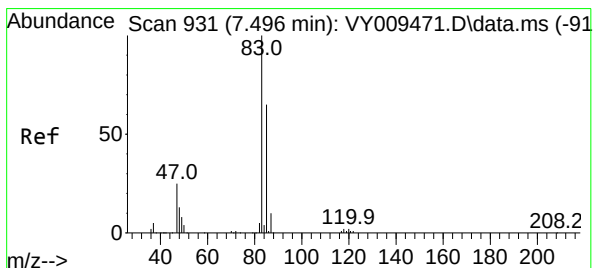
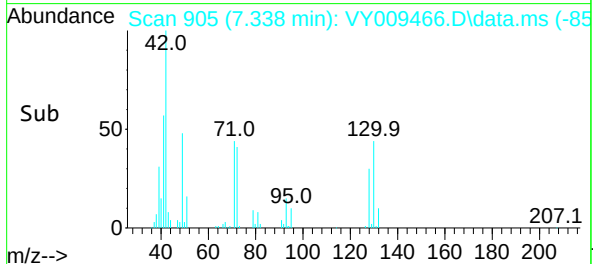
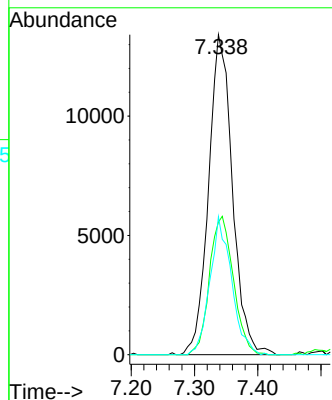
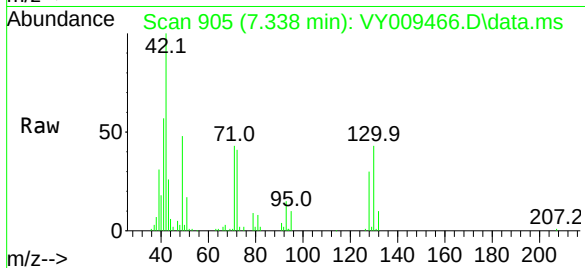
Tgt Ion: 42 Resp: 35240

Ion Ratio Lower Upper

42 100

72 43.3 30.3 45.5

71 39.1 29.0 43.4



#30

Chloroform

Concen: 19.139 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009466.D

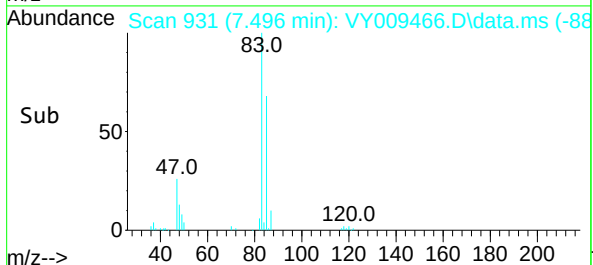
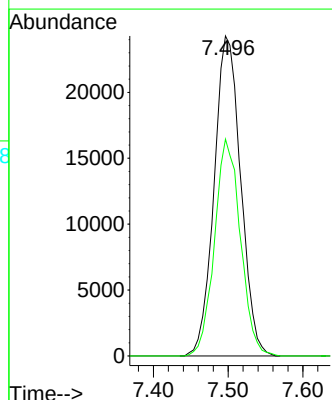
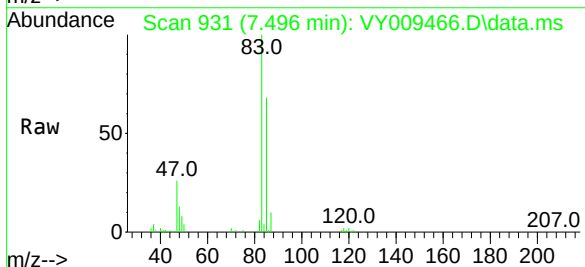
Acq: 07 Jul 2022 12:14

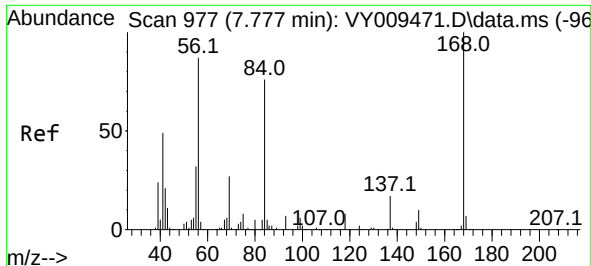
Tgt Ion: 83 Resp: 60090

Ion Ratio Lower Upper

83 100

85 67.7 51.8 77.6

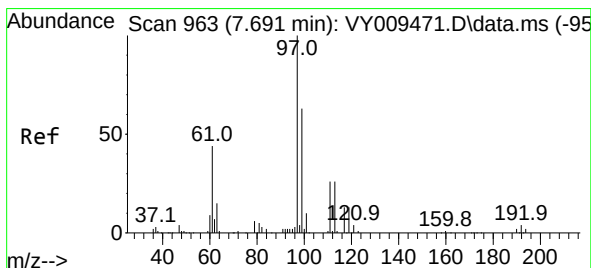
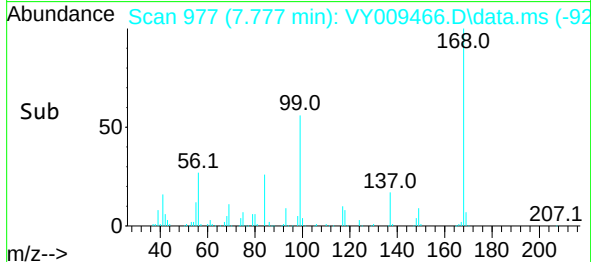
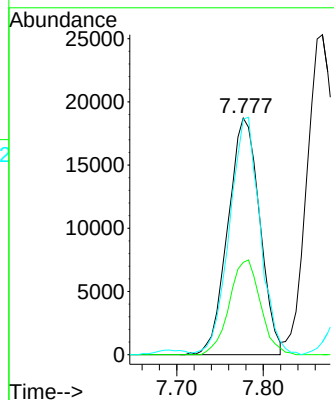
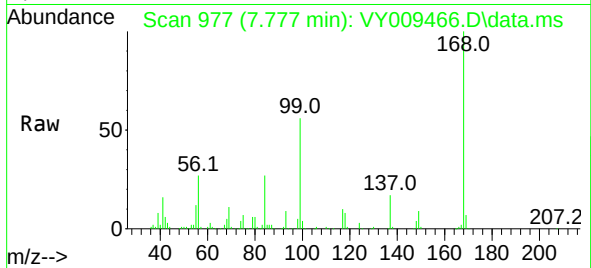




#31
Cyclohexane
Concen: 17.138 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

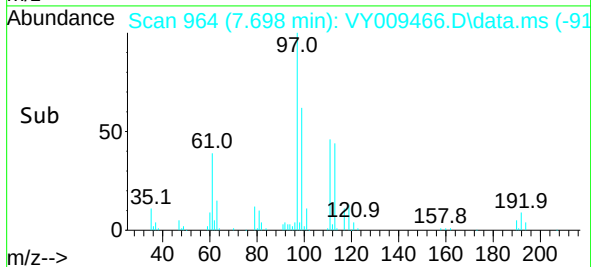
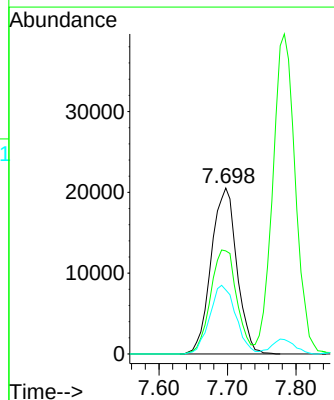
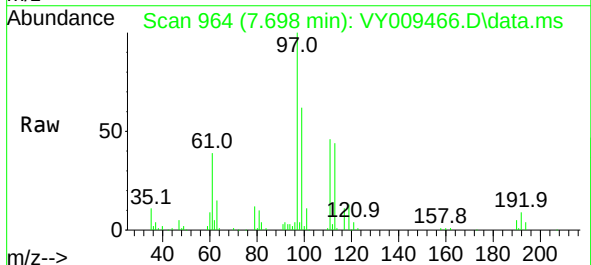
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

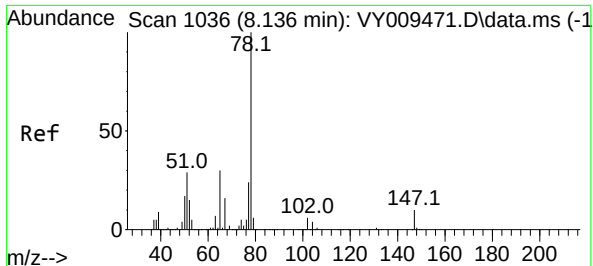
Tgt Ion: 56 Resp: 47802
Ion Ratio Lower Upper
56 100
69 39.0 26.7 40.1
84 97.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 19.297 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 97 Resp: 53417
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 42.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 24.106 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

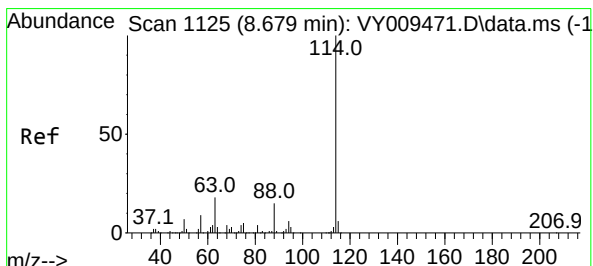
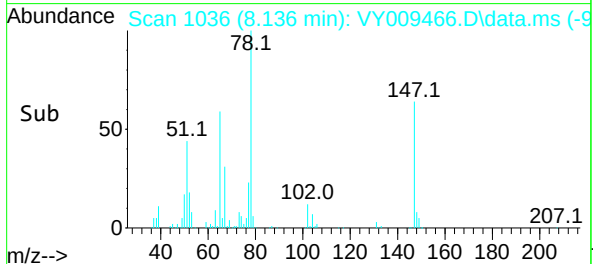
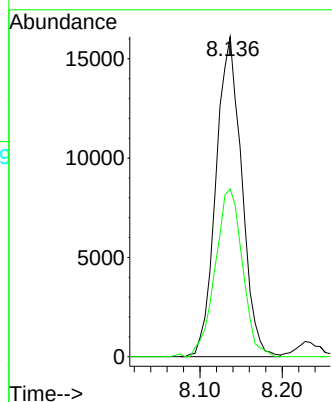
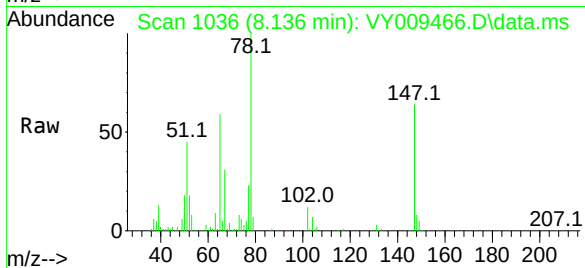
VSTDICC020

Tgt Ion: 65 Resp: 35033

Ion Ratio Lower Upper

65 100

67 55.4 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: VY009466.D

Acq: 07 Jul 2022 12:14

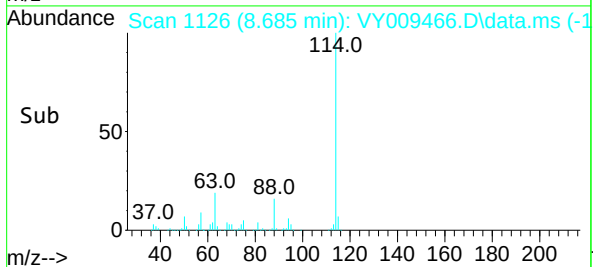
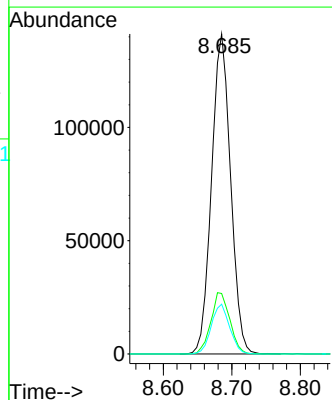
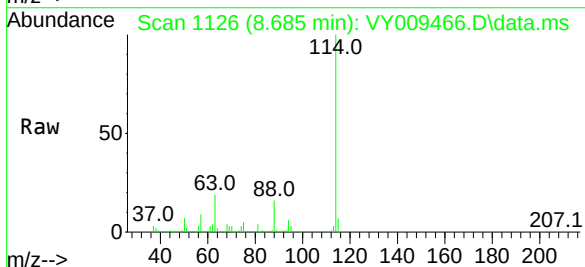
Tgt Ion: 114 Resp: 272139

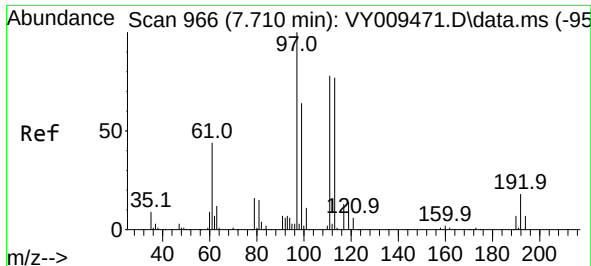
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.6 0.0 31.8

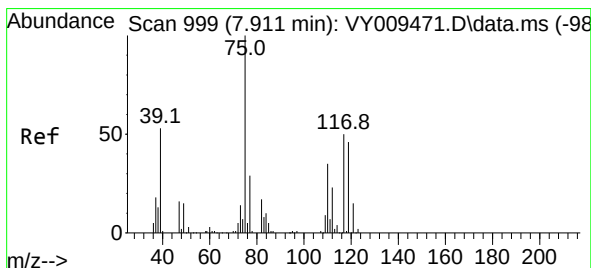
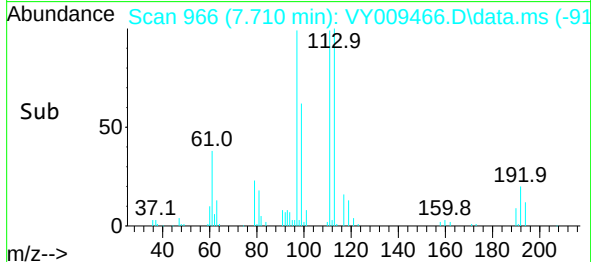
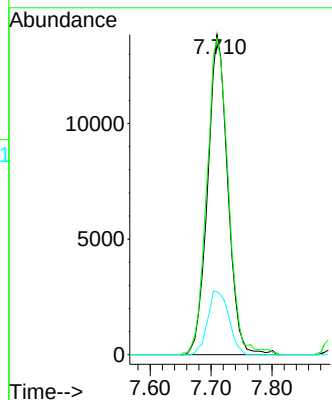
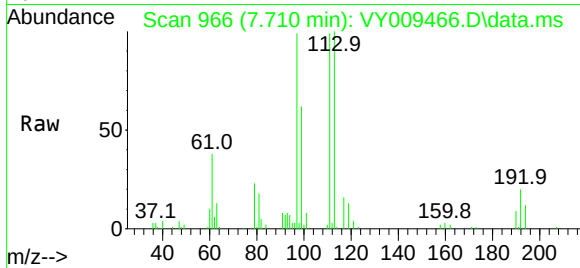




#35
Dibromofluoromethane
Concen: 22.173 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

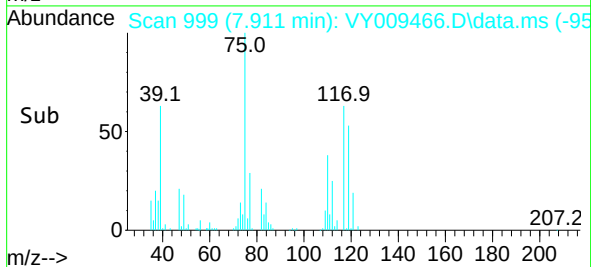
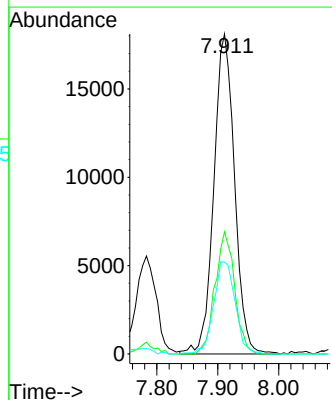
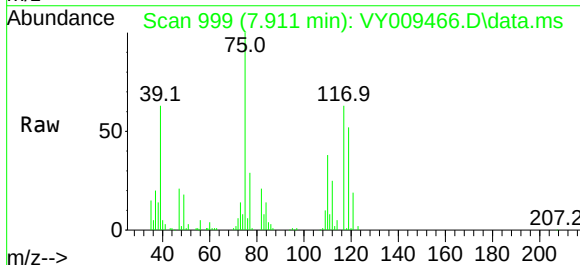
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

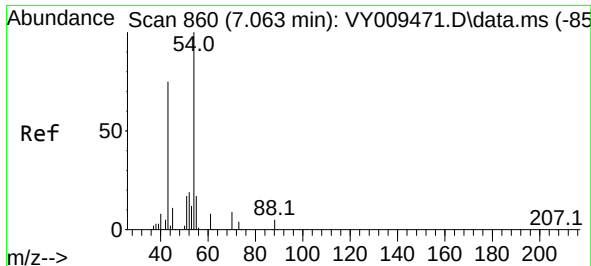
Tgt Ion:113 Resp: 31750
Ion Ratio Lower Upper
113 100
111 105.9 82.6 124.0
192 20.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 18.307 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 75 Resp: 42677
Ion Ratio Lower Upper
75 100
110 36.2 17.1 51.2
77 30.1 24.4 36.6

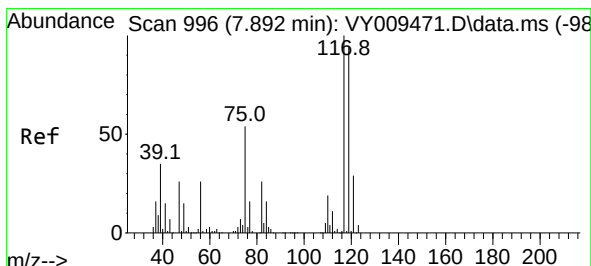
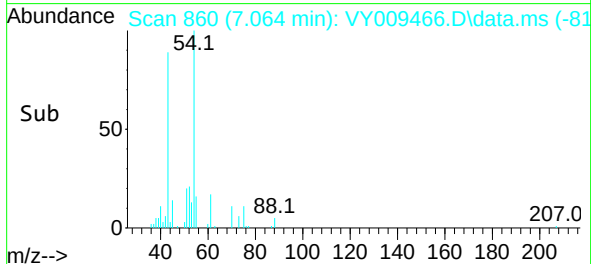
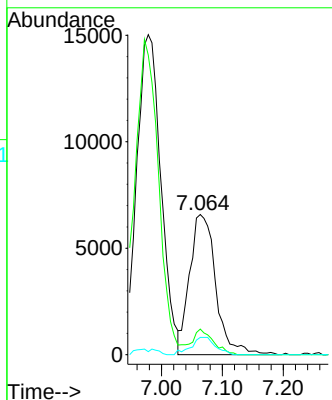
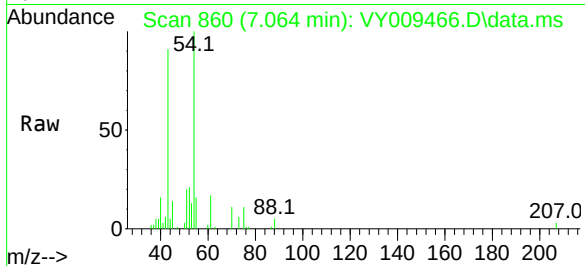




#37
Ethyl Acetate
Concen: 13.444 ug/l
RT: 7.064 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

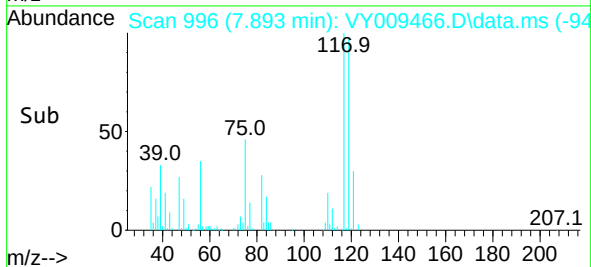
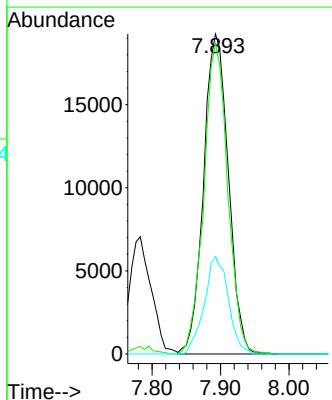
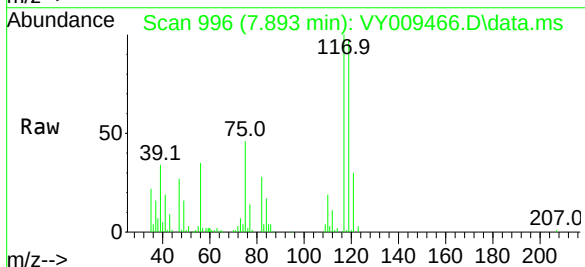
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

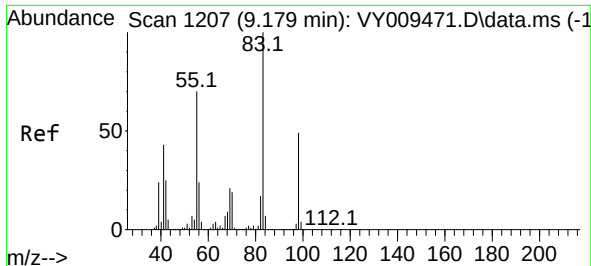
Tgt Ion: 43 Resp: 19646
Ion Ratio Lower Upper
43 100
61 14.1 9.7 14.5
70 11.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 19.465 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 117 Resp: 48529
Ion Ratio Lower Upper
117 100
119 97.1 77.9 116.9
121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 17.560 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

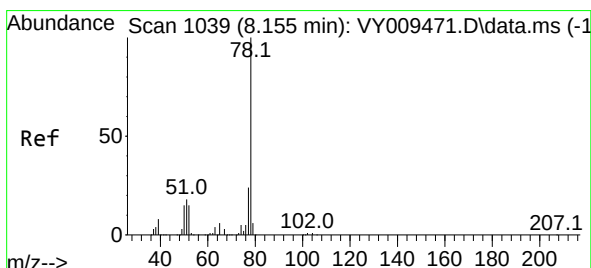
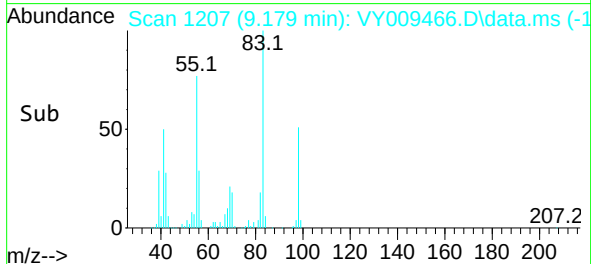
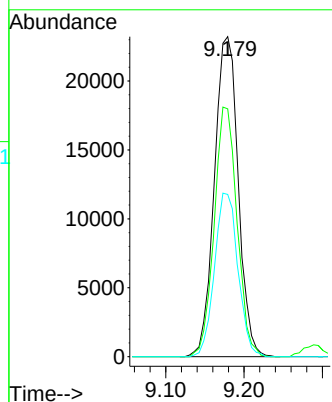
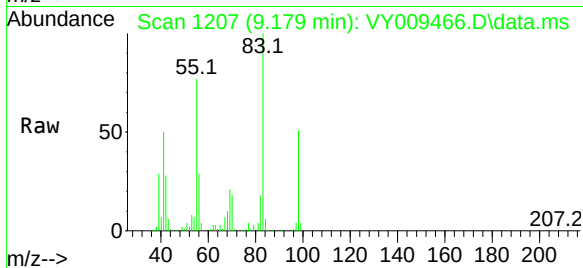
Tgt Ion: 83 Resp: 49138

Ion Ratio Lower Upper

83 100

55 77.5 66.5 99.7

98 50.7 37.9 56.9



#40

Benzene

Concen: 18.999 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009466.D

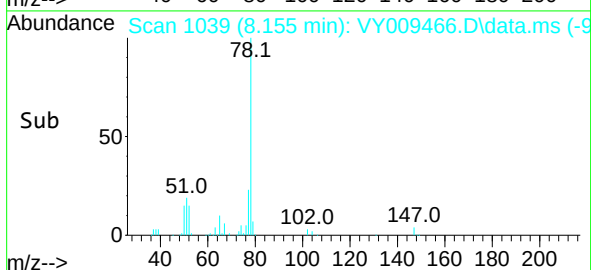
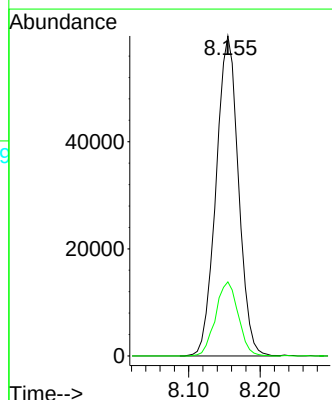
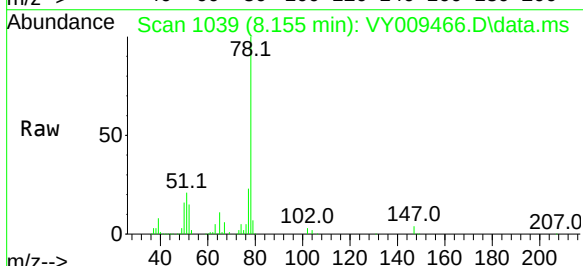
Acq: 07 Jul 2022 12:14

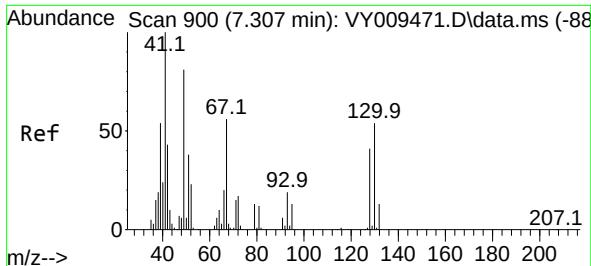
Tgt Ion: 78 Resp: 130055

Ion Ratio Lower Upper

78 100

77 23.1 20.4 30.6

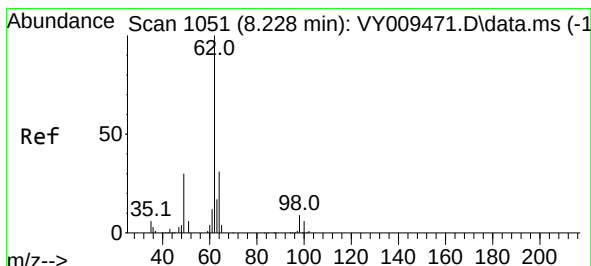
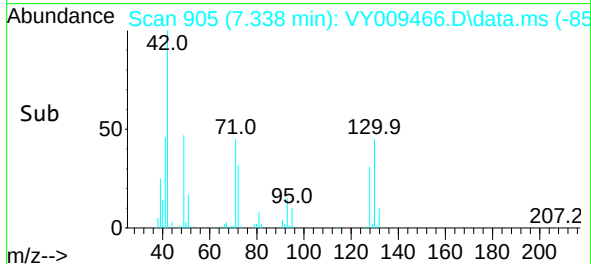
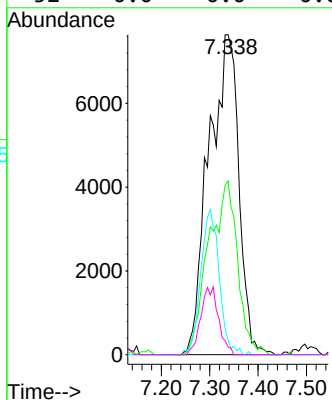
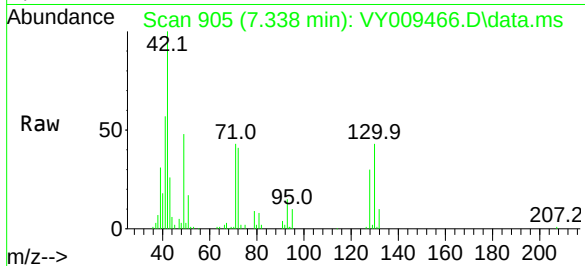




#41
Methacrylonitrile
Concen: 24.109 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

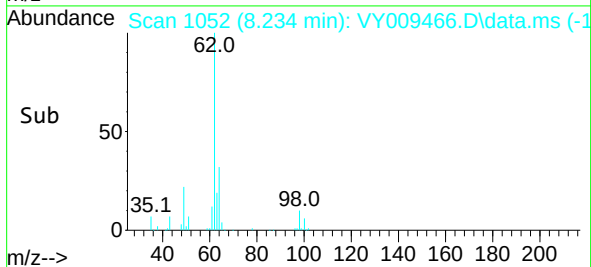
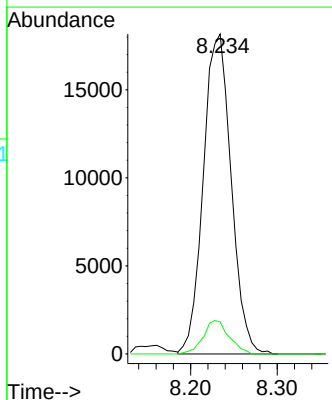
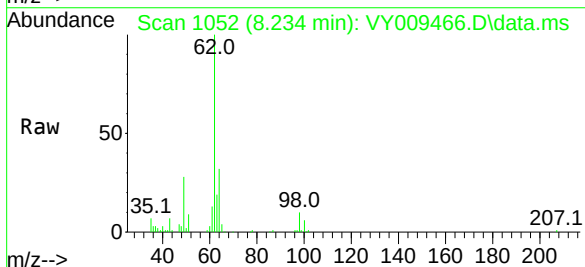
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

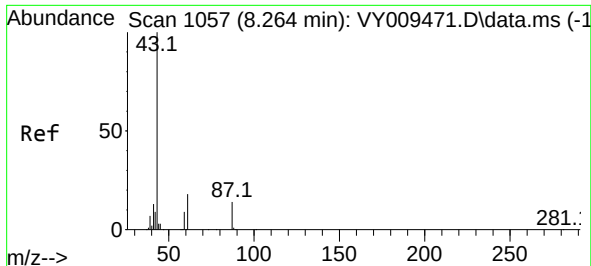
Tgt Ion: 41 Resp: 32762
Ion Ratio Lower Upper
41 100
39 52.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.711 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 62 Resp: 40510
Ion Ratio Lower Upper
62 100
98 9.8 0.0 14.8

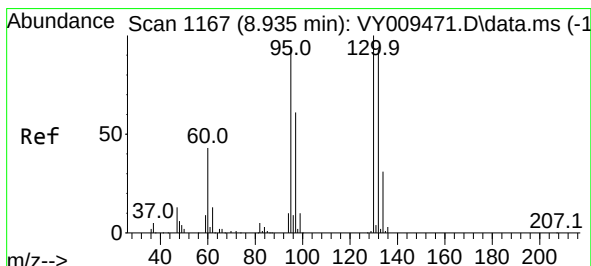
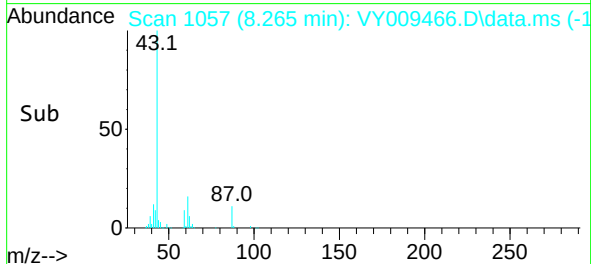
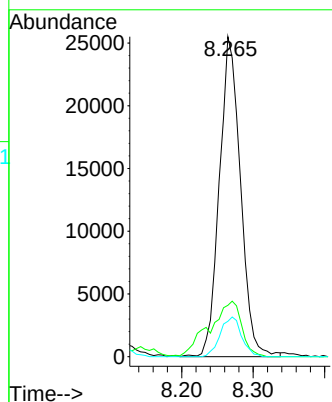
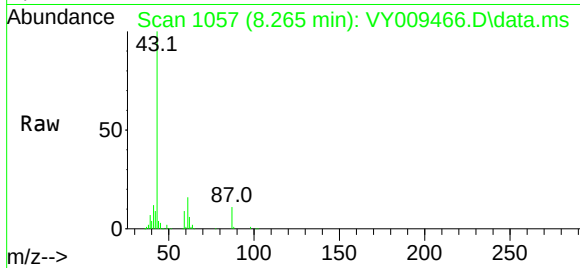




#43
Isopropyl Acetate
Concen: 19.187 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

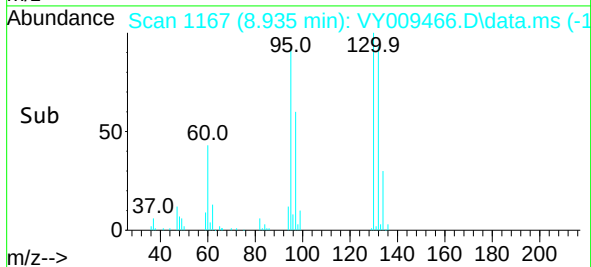
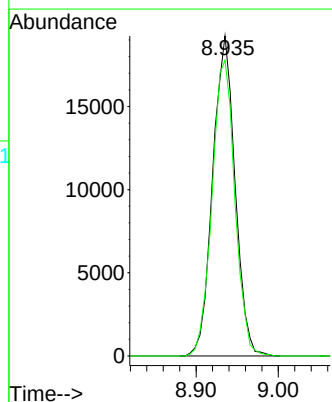
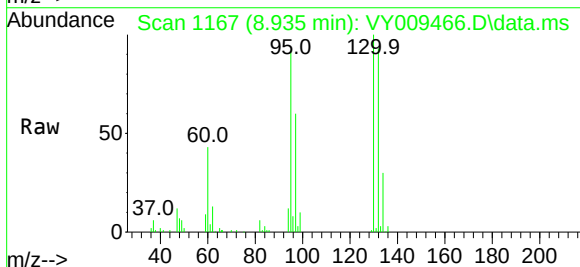
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

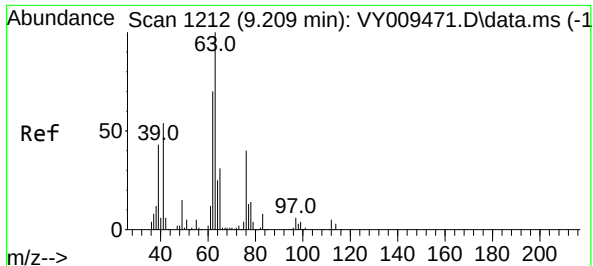
Tgt Ion: 43 Resp: 52315
Ion Ratio Lower Upper
43 100
61 26.5 20.2 30.2
87 12.5 8.9 13.3



#44
Trichloroethene
Concen: 18.787 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion:130 Resp: 36331
Ion Ratio Lower Upper
130 100
95 92.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 18.732 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

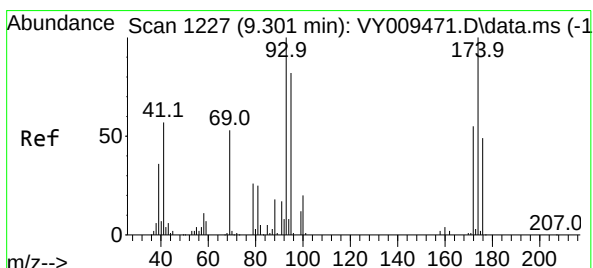
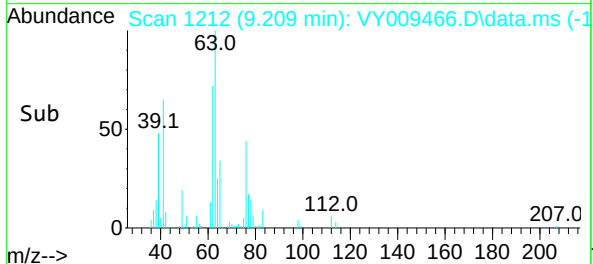
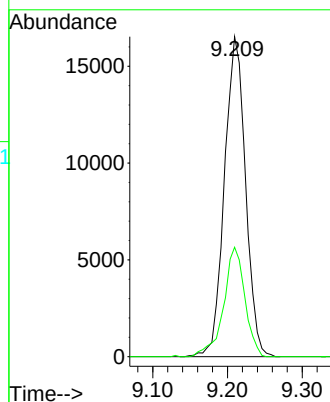
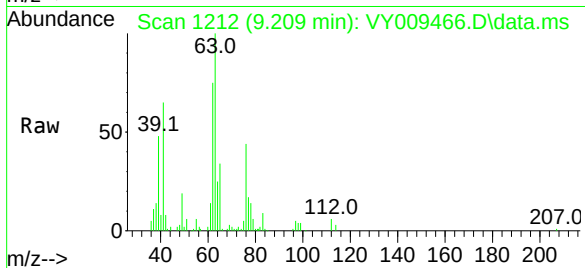
VSTDICC020

Tgt Ion: 63 Resp: 32452

Ion Ratio Lower Upper

63 100

65 34.2 23.0 34.6



#46

Dibromomethane

Concen: 18.850 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

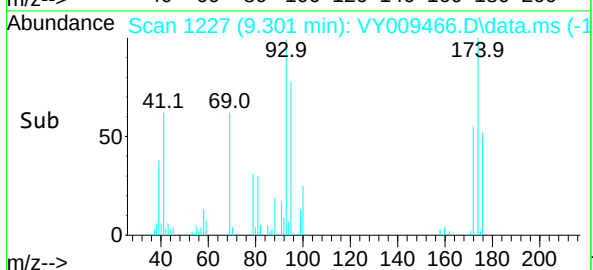
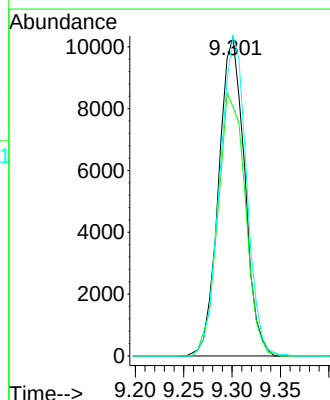
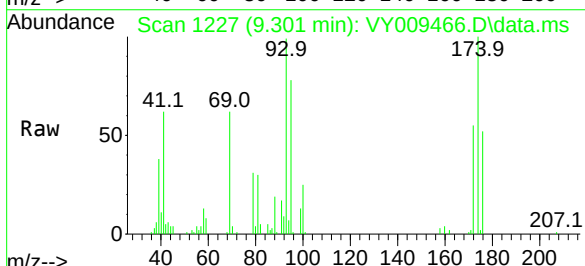
Tgt Ion: 93 Resp: 19166

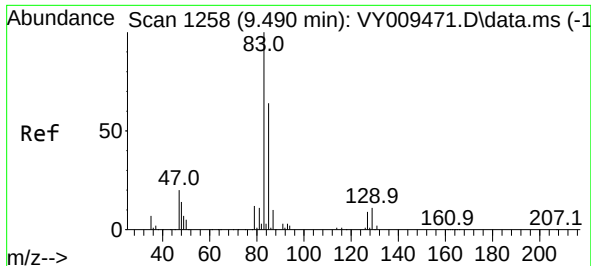
Ion Ratio Lower Upper

93 100

95 87.4 64.3 96.5

174 103.5 83.4 125.0

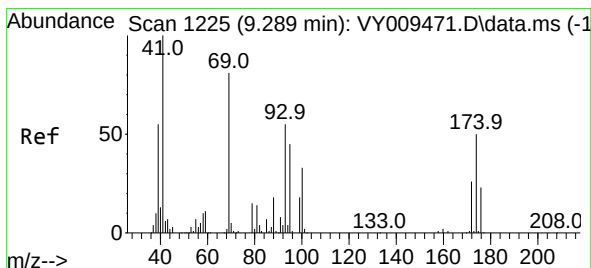
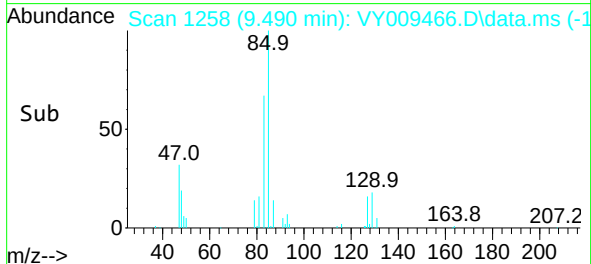
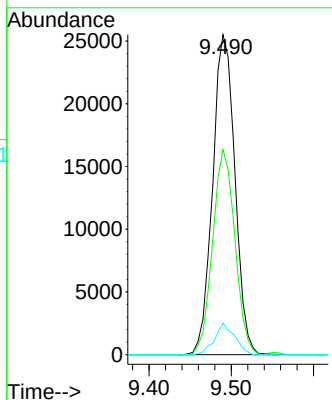
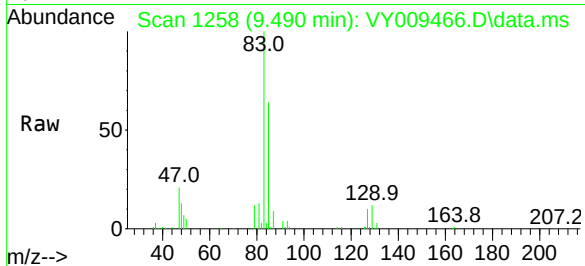




#47
Bromodichloromethane
Concen: 19.847 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

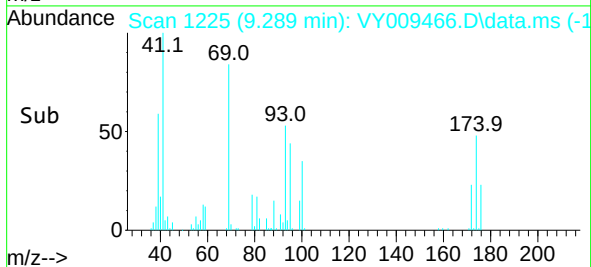
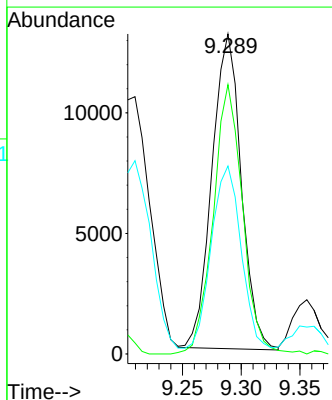
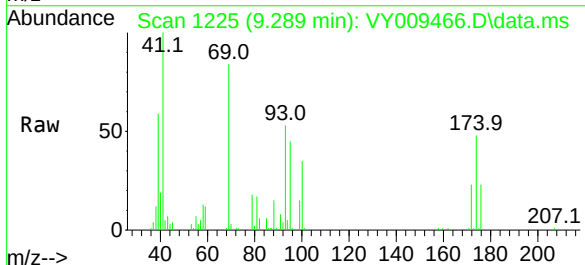
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

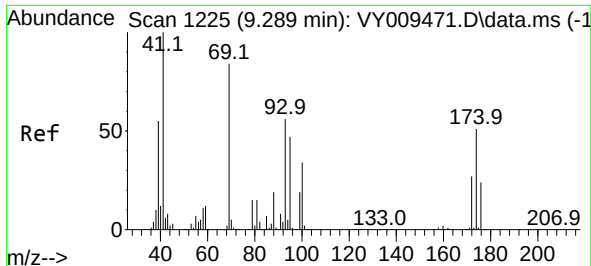
Tgt Ion: 83 Resp: 48032
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9
127 9.9 6.6 10.0



#48
Methyl methacrylate
Concen: 19.297 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 41 Resp: 22668
Ion Ratio Lower Upper
41 100
69 85.6 58.2 87.2
39 59.1 47.4 71.0





#49

1,4-Dioxane

Concen: 363.967 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009466.D

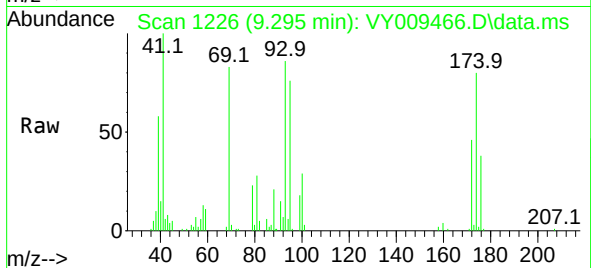
Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

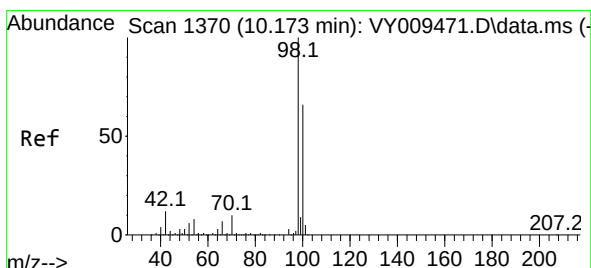
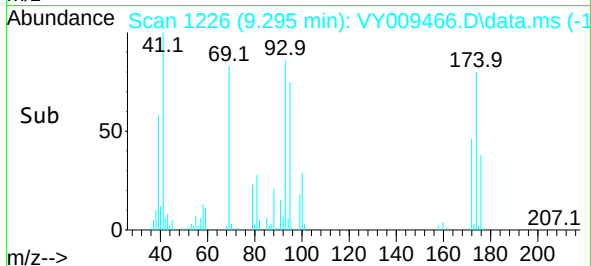
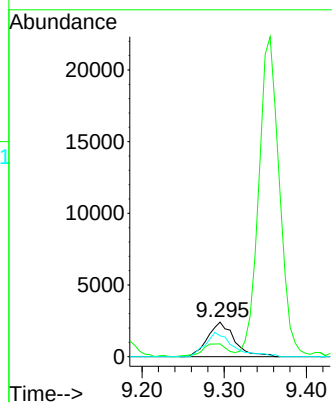
ClientSampleId :

VSTDICC020



Tgt Ion: 88 Resp: 5450

Ion	Ratio	Lower	Upper
88	100		
43	35.7	32.8	49.2
58	72.2	59.8	89.6



#50

Toluene-d8

Concen: 26.222 ug/l

RT: 10.173 min Scan# 1370

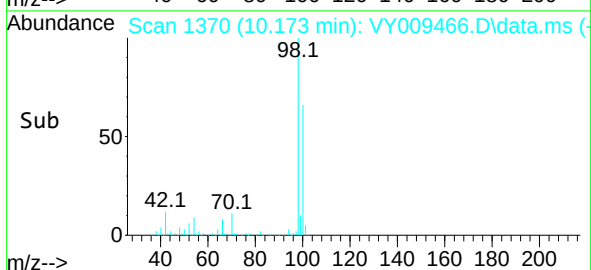
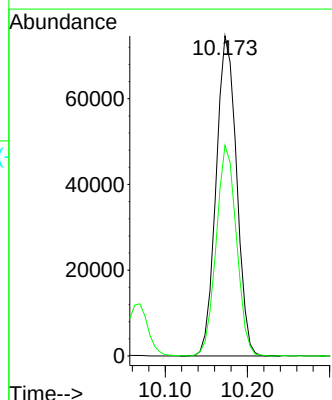
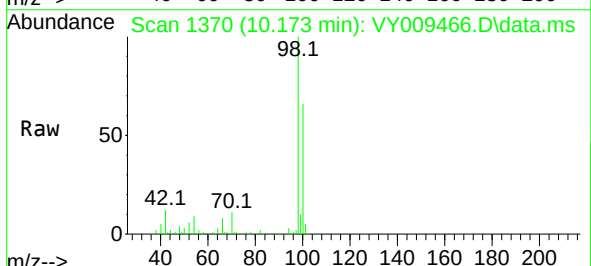
Delta R.T. 0.000 min

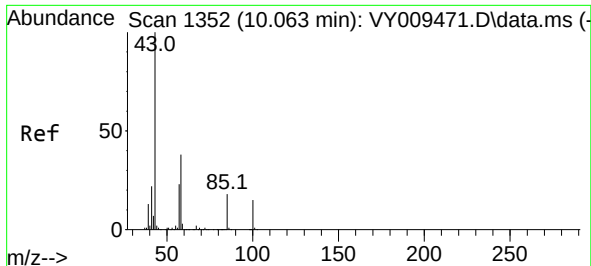
Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Tgt Ion: 98 Resp: 128994

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.2	75.2

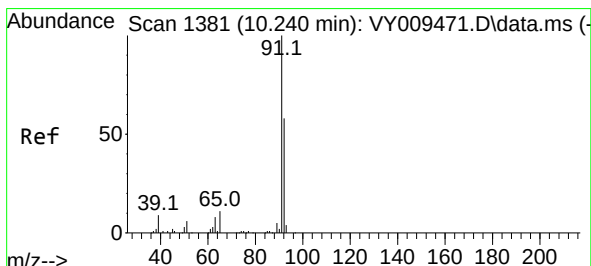
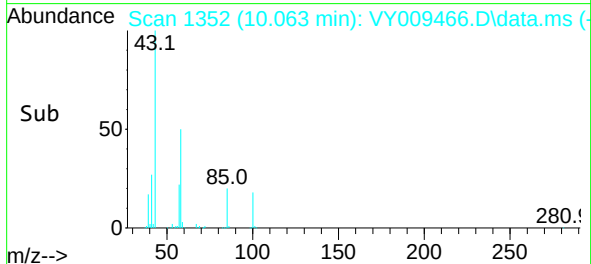
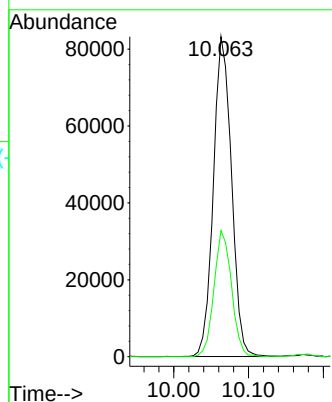
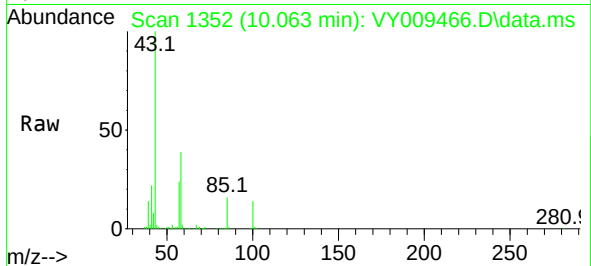




#51
4-Methyl-2-Pentanone
Concen: 97.824 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

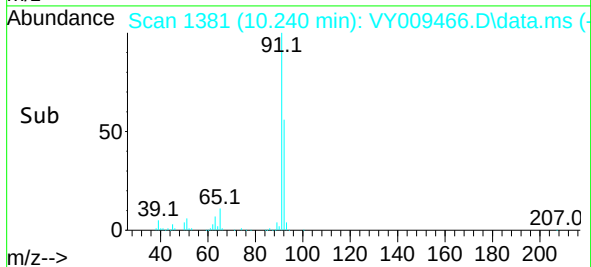
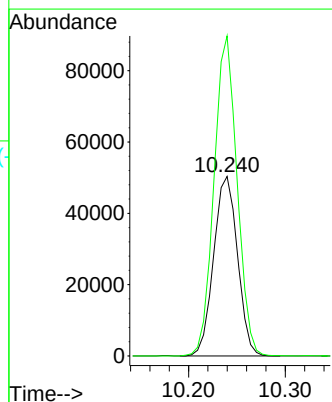
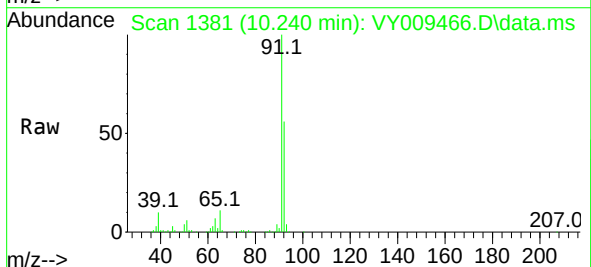
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

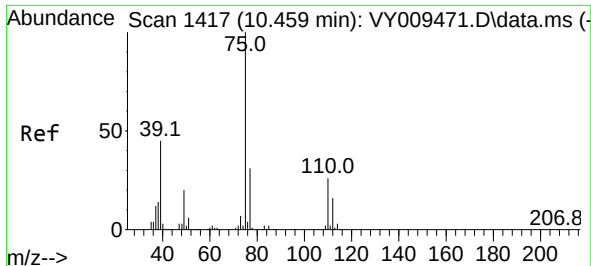
Tgt Ion: 43 Resp: 140266
Ion Ratio Lower Upper
43 100
58 38.1 28.1 42.1



#52
Toluene
Concen: 19.744 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 92 Resp: 86128
Ion Ratio Lower Upper
92 100
91 172.5 142.6 213.8

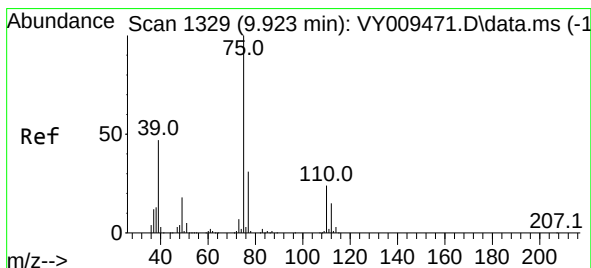
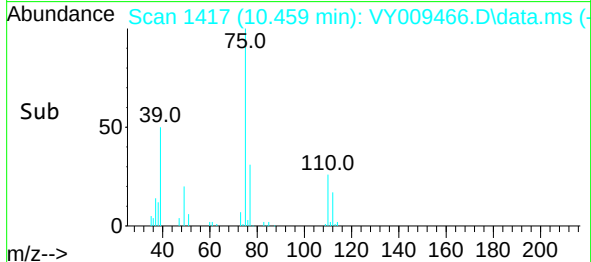
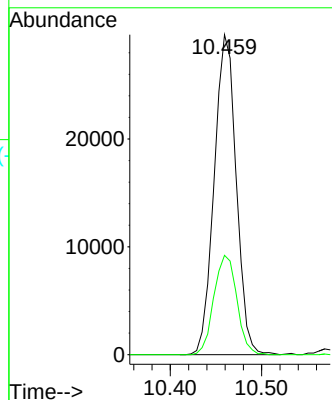
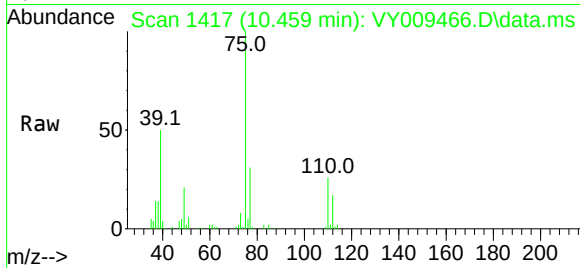




#53
t-1,3-Dichloropropene
Concen: 19.487 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

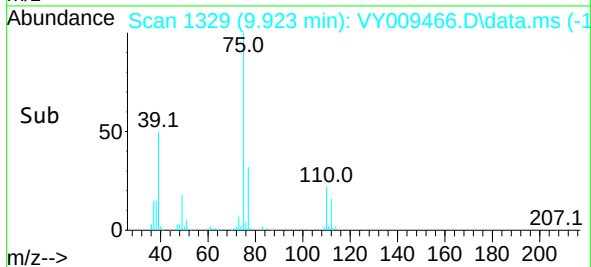
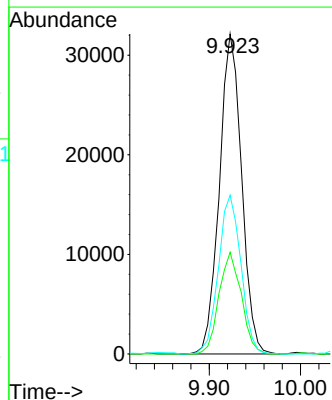
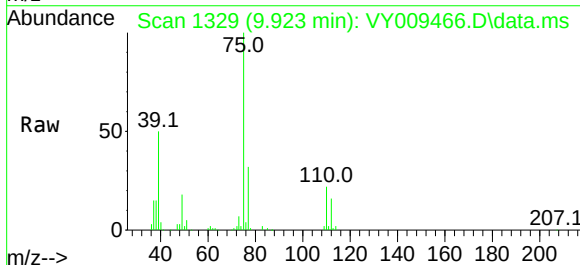
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

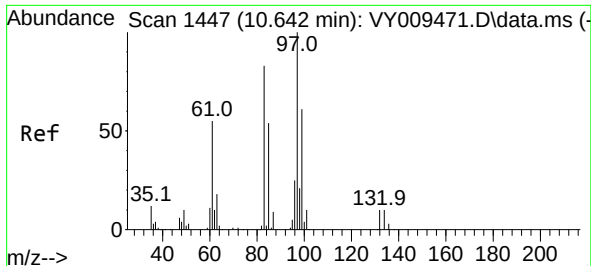
Tgt Ion: 75 Resp: 49700
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.116 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 75 Resp: 54363
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 49.6 47.6 71.4

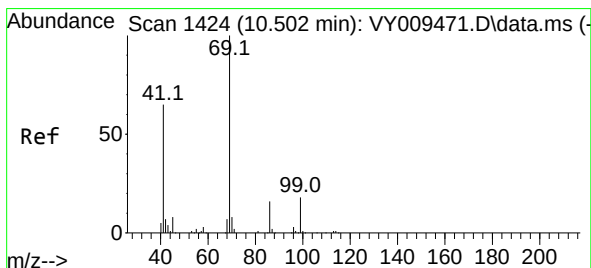
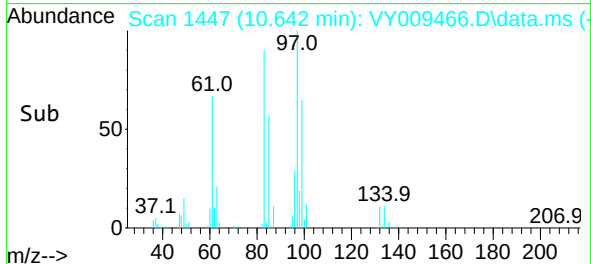
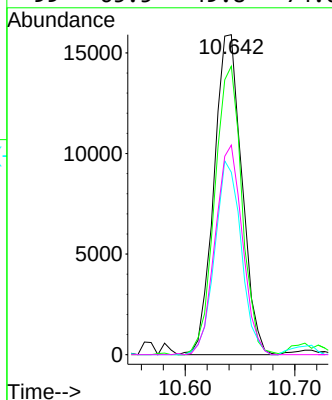
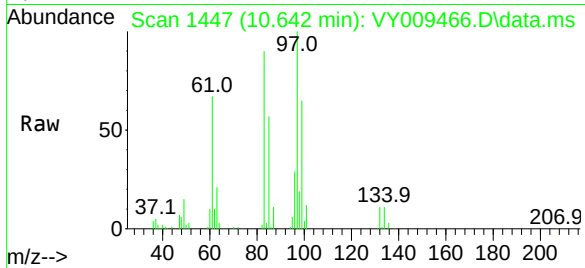




#55
1,1,2-Trichloroethane
Concen: 19.165 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

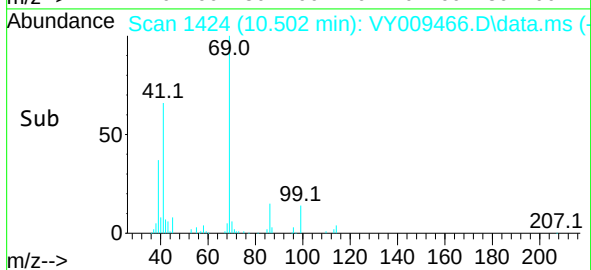
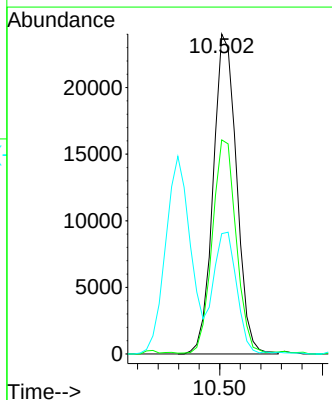
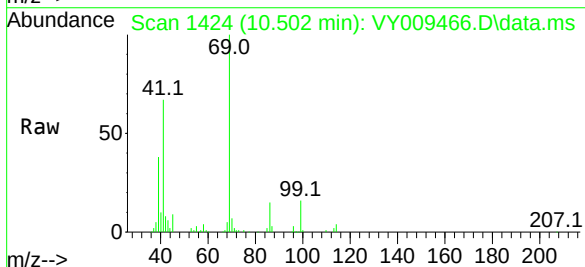
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

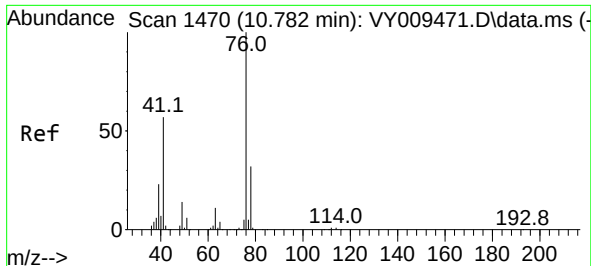
Tgt Ion: 97	Resp: 28112
Ion Ratio	Lower Upper
97 100	
83 90.2	69.8 104.8
85 57.0	44.3 66.5
99 65.5	49.8 74.6



#56
Ethyl methacrylate
Concen: 19.468 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 69	Resp: 37914
Ion Ratio	Lower Upper
69 100	
41 67.9	63.4 95.0
39 38.5	35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.857 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

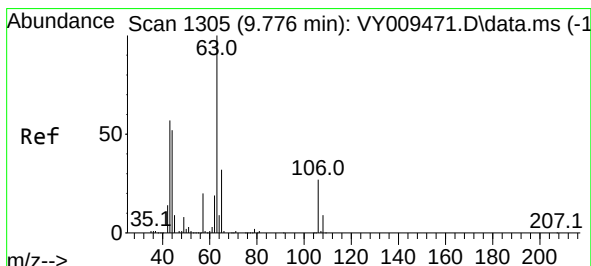
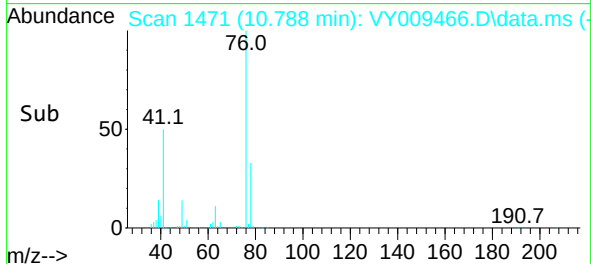
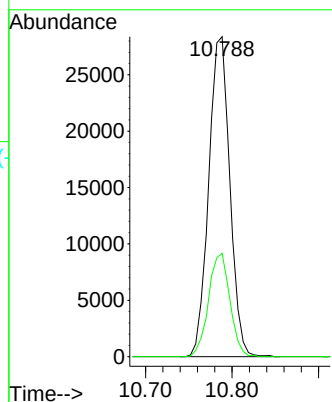
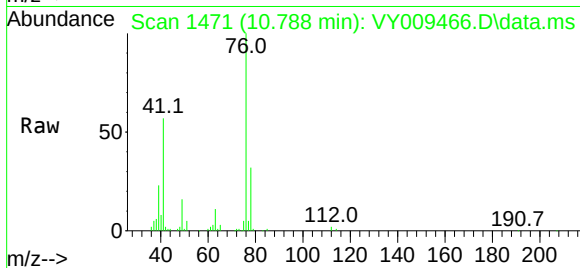
VSTDIC020

Tgt Ion: 76 Resp: 48018

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.576 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009466.D

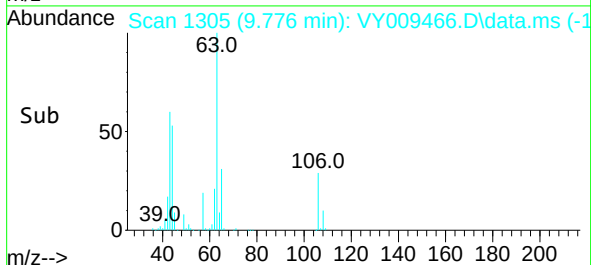
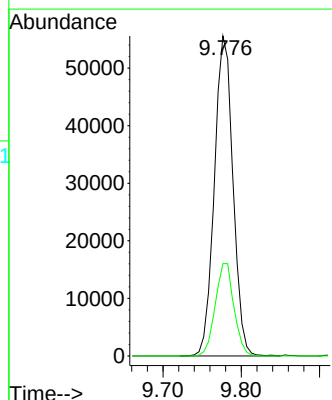
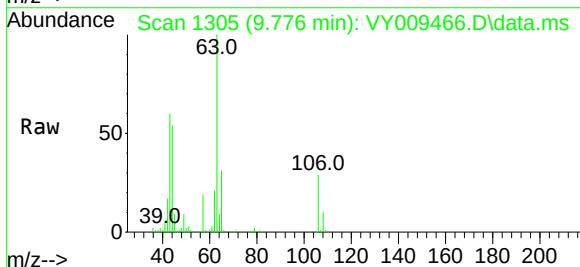
Acq: 07 Jul 2022 12:14

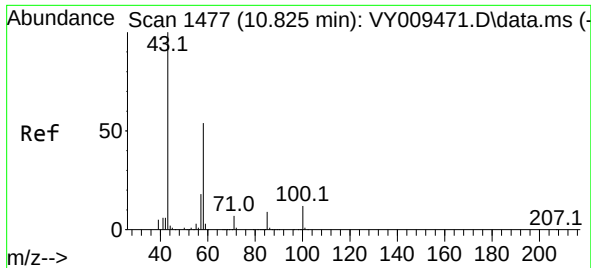
Tgt Ion: 63 Resp: 91877

Ion Ratio Lower Upper

63 100

106 29.0 21.5 32.3

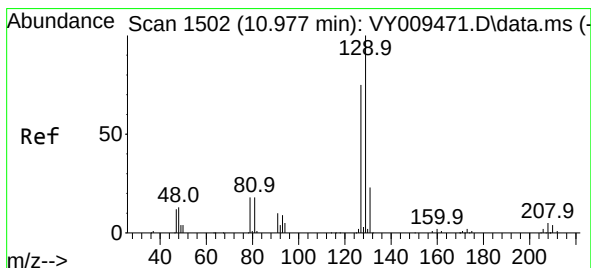
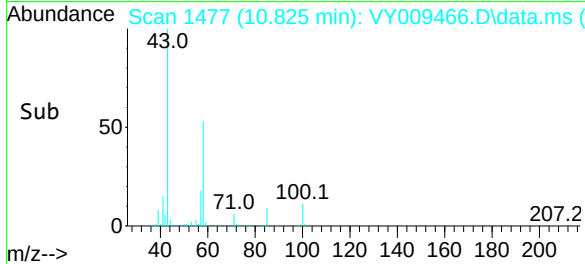
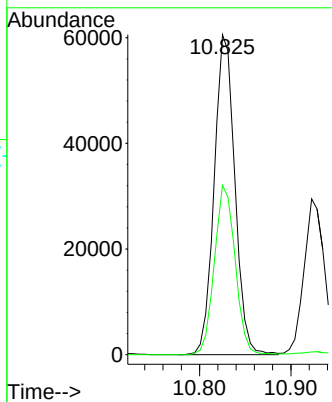
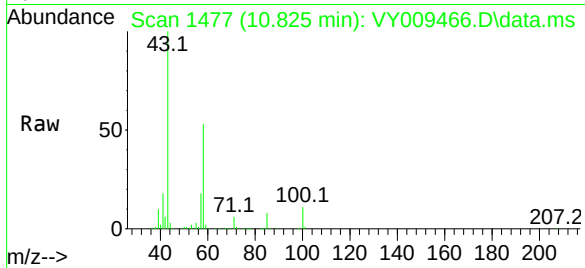




#59
2-Hexanone
Concen: 96.032 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

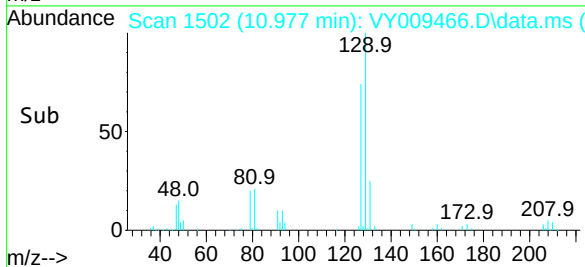
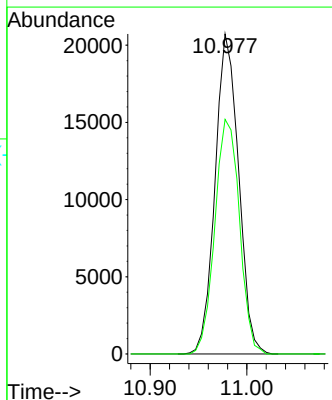
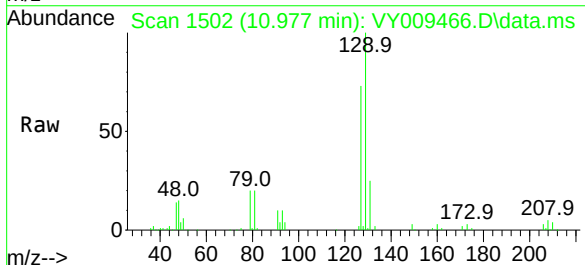
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

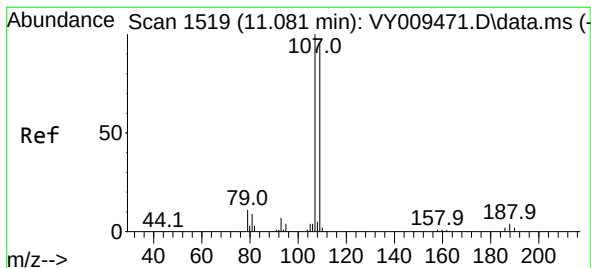
Tgt Ion: 43 Resp: 95414
Ion Ratio Lower Upper
43 100
58 53.1 24.4 73.4



#60
Dibromochloromethane
Concen: 19.669 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 129 Resp: 34939
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

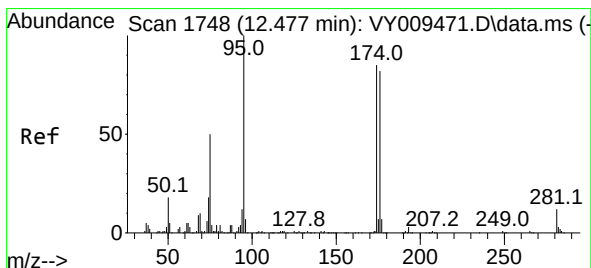
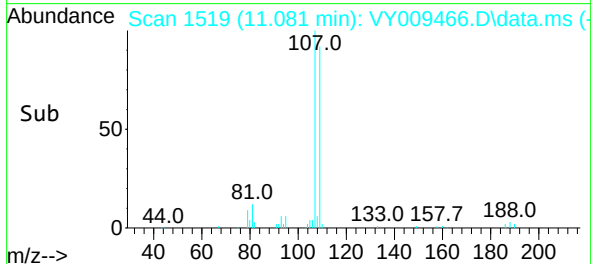
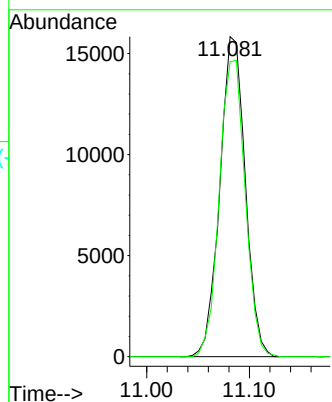
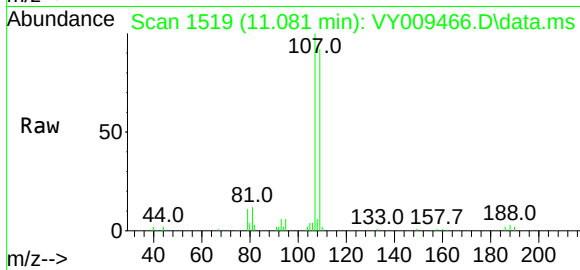




#61
1,2-Dibromoethane
Concen: 19.330 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

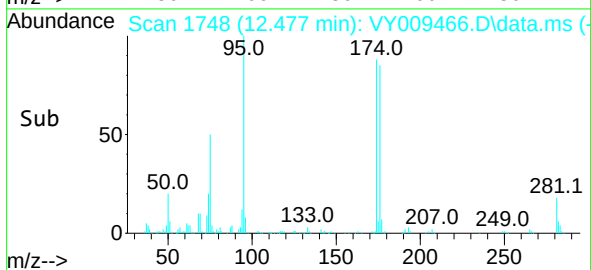
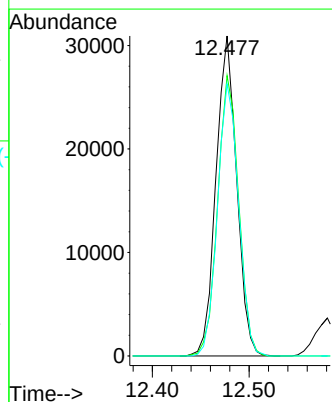
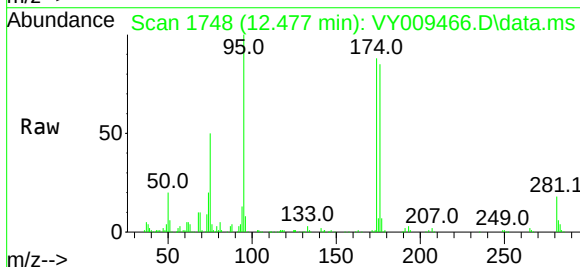
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

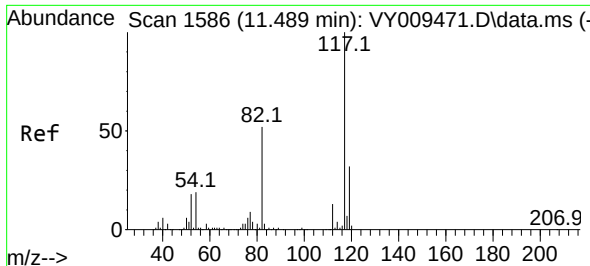
Tgt Ion:107 Resp: 27182
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 22.693 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

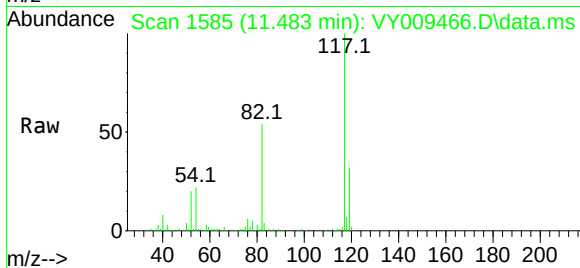
Tgt Ion: 95 Resp: 45869
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 87.0 0.0 175.8



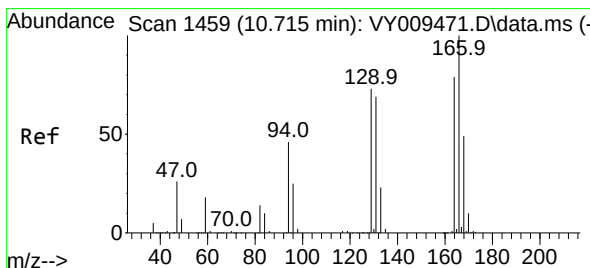
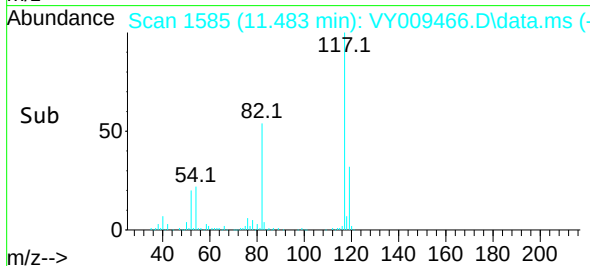
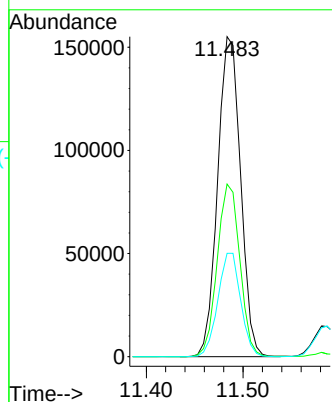


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

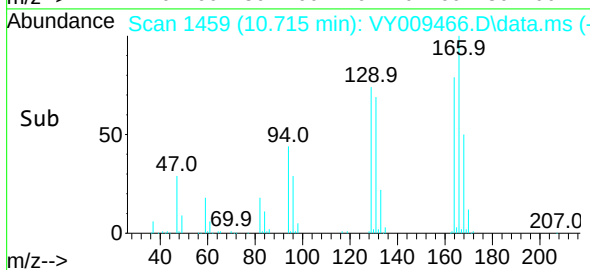
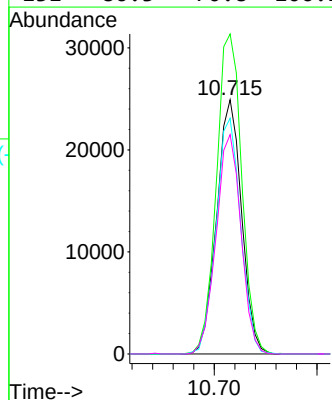
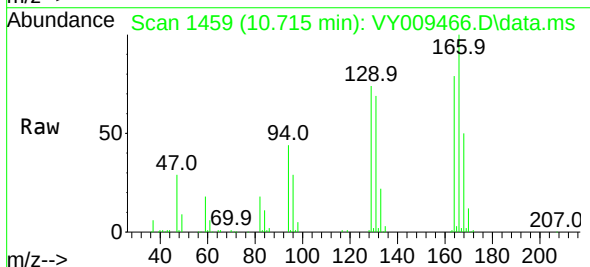


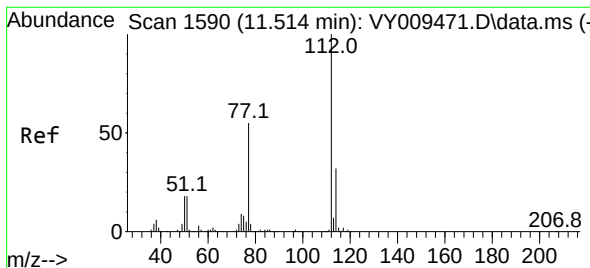
Tgt Ion:117 Resp: 254917
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 19.650 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion:164 Resp: 41880
Ion Ratio Lower Upper
164 100
166 125.9 100.4 150.6
129 92.7 71.4 107.0
131 86.3 70.8 106.2





#65

Chlorobenzene

Concen: 19.373 ug/l

RT: 11.508 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

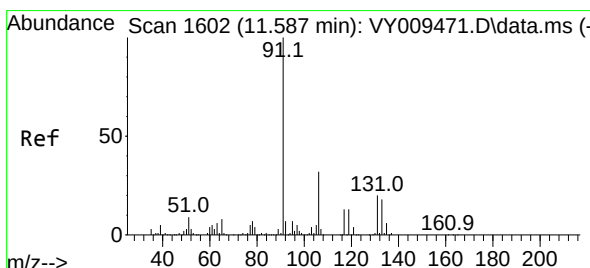
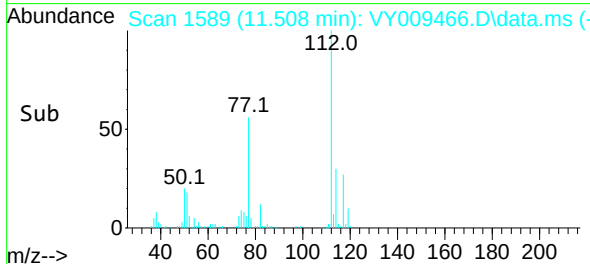
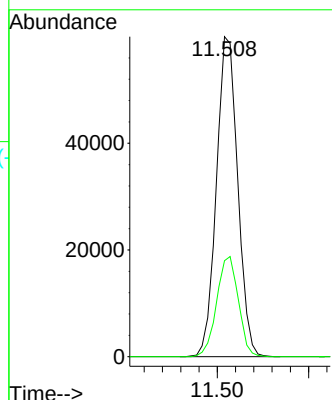
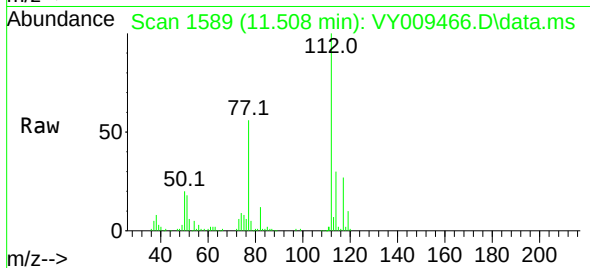
VSTDIC020

Tgt Ion:112 Resp: 96991

Ion Ratio Lower Upper

112 100

114 30.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.462 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

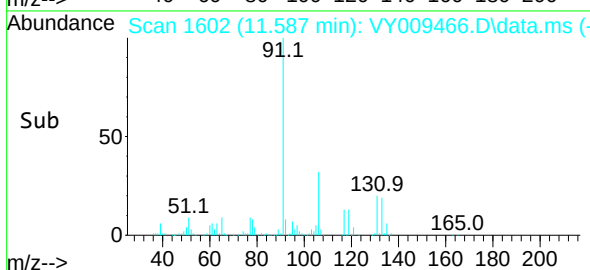
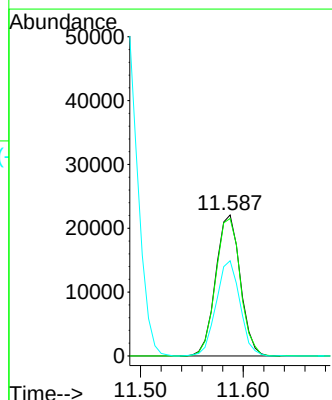
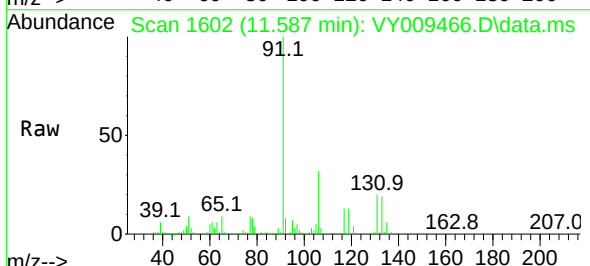
Tgt Ion:131 Resp: 36653

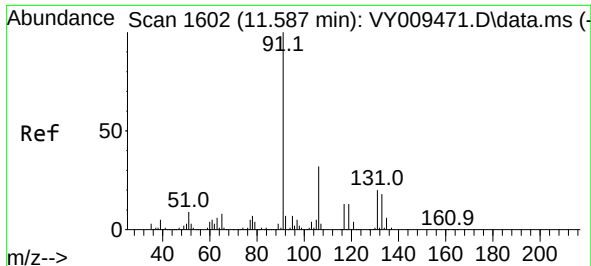
Ion Ratio Lower Upper

131 100

133 98.0 47.9 143.6

119 65.5 30.8 92.3





#67

Ethyl Benzene

Concen: 19.408 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

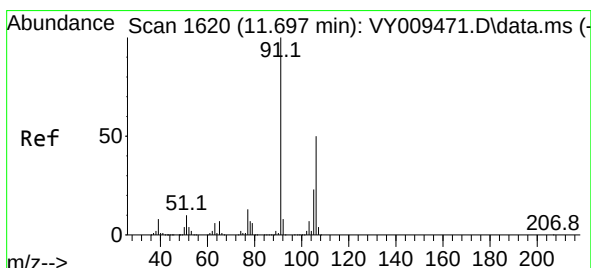
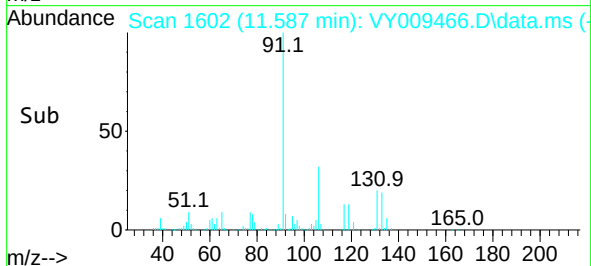
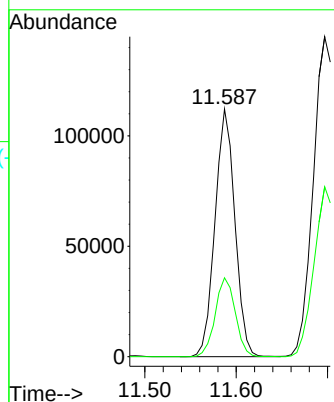
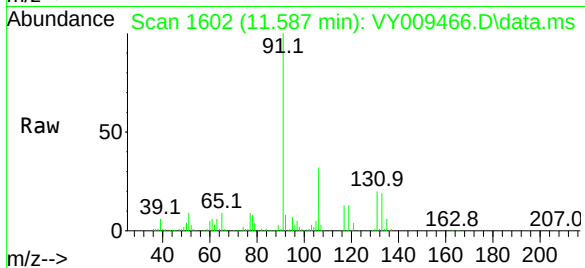
VSTDIC020

Tgt Ion: 91 Resp: 169635

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 39.696 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009466.D

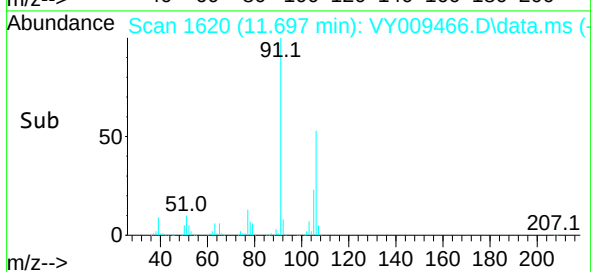
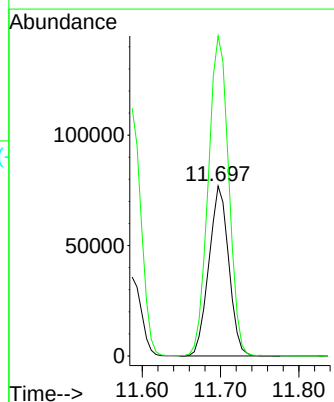
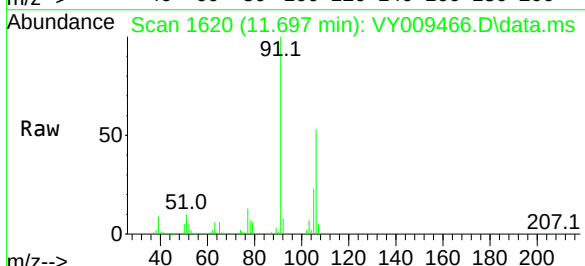
Acq: 07 Jul 2022 12:14

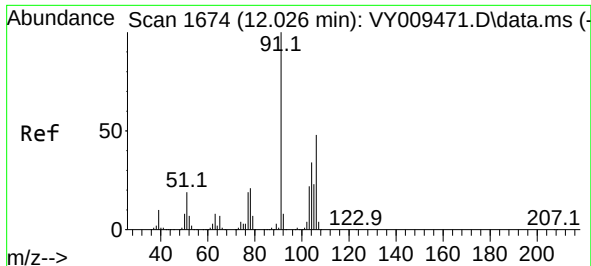
Tgt Ion:106 Resp: 135317

Ion Ratio Lower Upper

106 100

91 194.1 166.6 249.8





#69

o-Xylene

Concen: 19.740 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

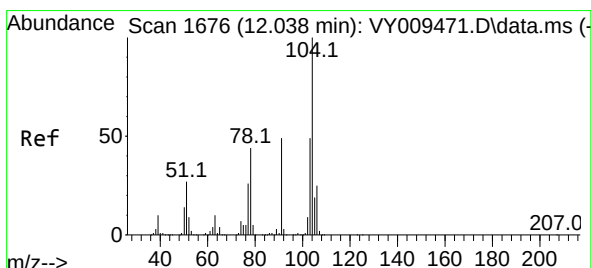
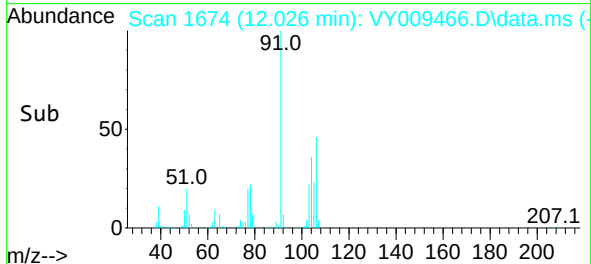
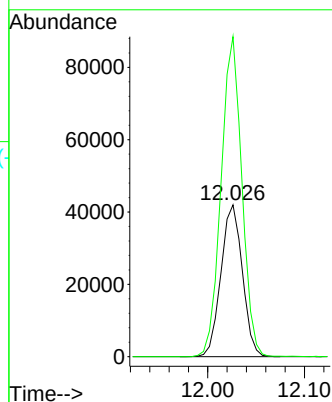
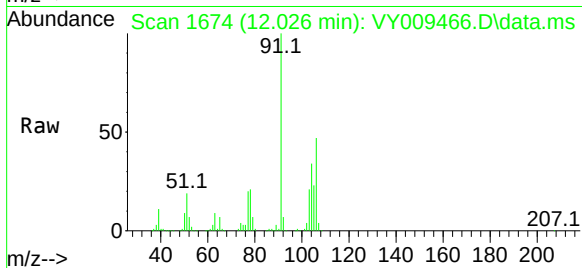
VSTDIC020

Tgt Ion:106 Resp: 64498

Ion Ratio Lower Upper

106 100

91 204.5 110.3 331.0



#70

Styrene

Concen: 20.228 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

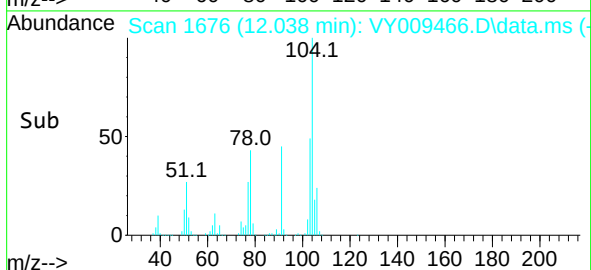
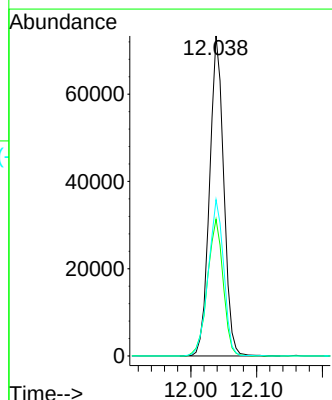
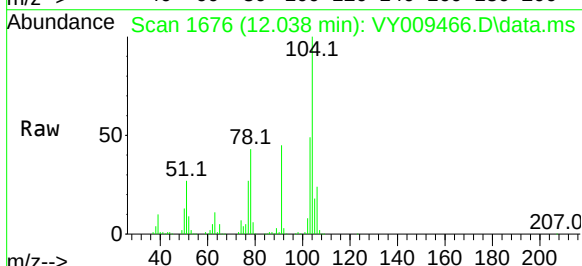
Tgt Ion:104 Resp: 110392

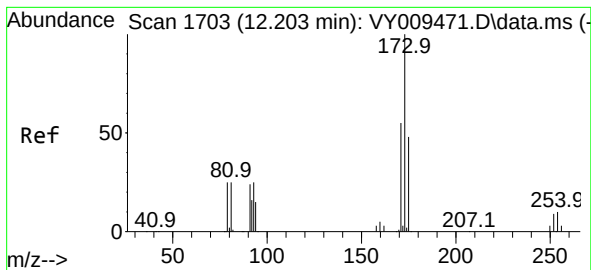
Ion Ratio Lower Upper

104 100

78 47.2 42.4 63.6

103 53.3 44.4 66.6





#71

Bromoform

Concen: 19.471 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

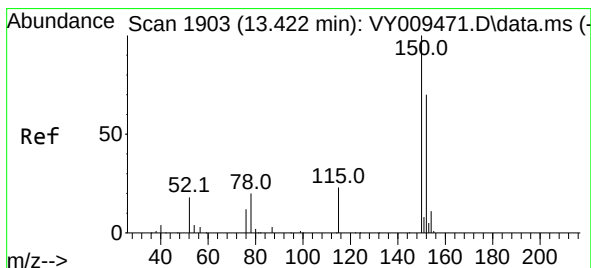
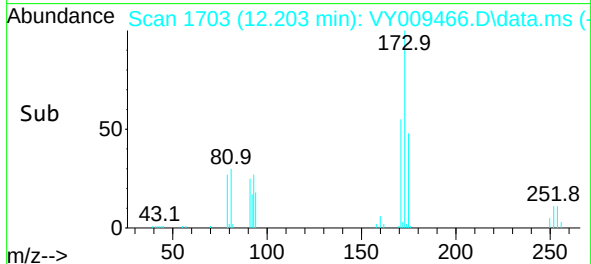
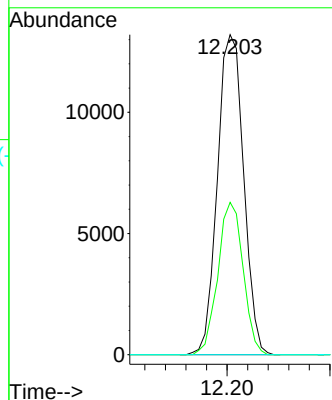
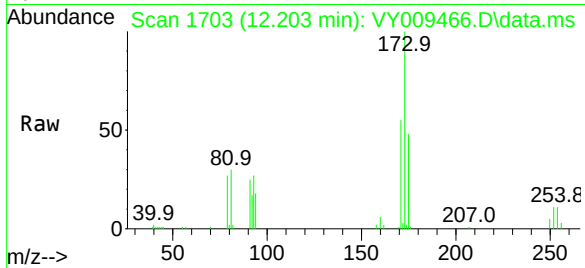
Tgt Ion:173 Resp: 23372

Ion Ratio Lower Upper

173 100

175 45.8 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: VY009466.D

Acq: 07 Jul 2022 12:14

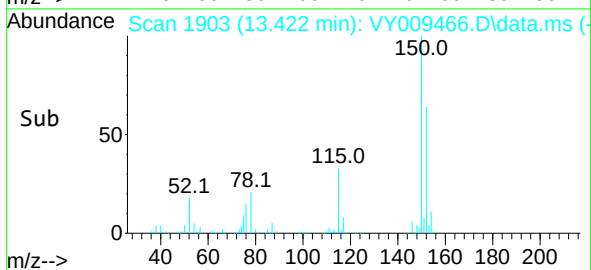
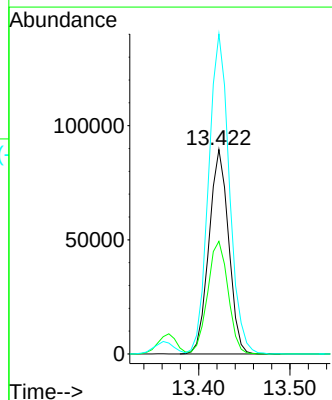
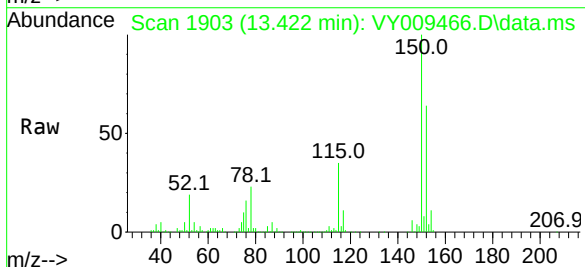
Tgt Ion:152 Resp: 133380

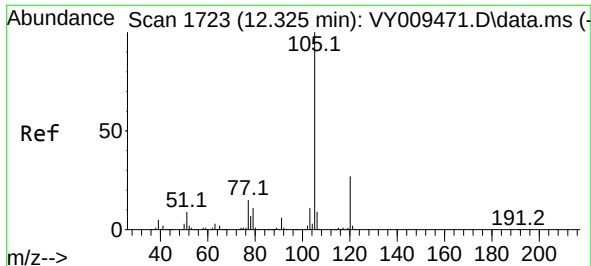
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 165.6 0.0 347.6

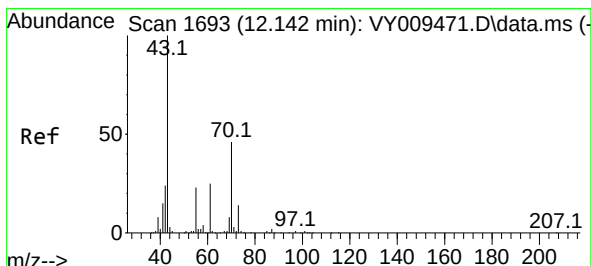
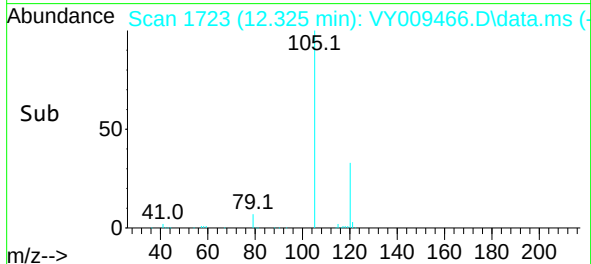
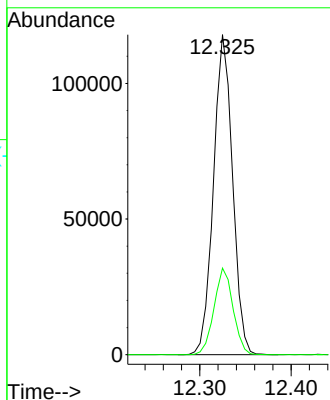
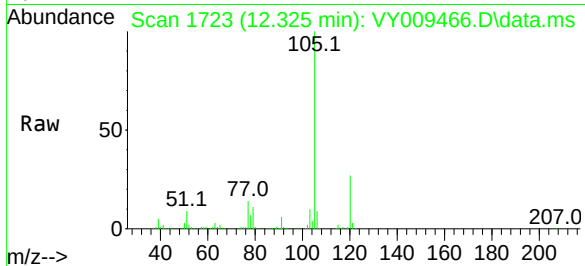




#73
Isopropylbenzene
Concen: 18.744 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

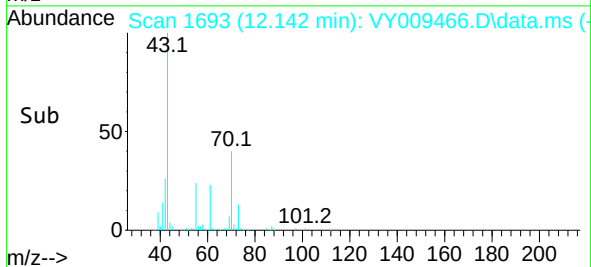
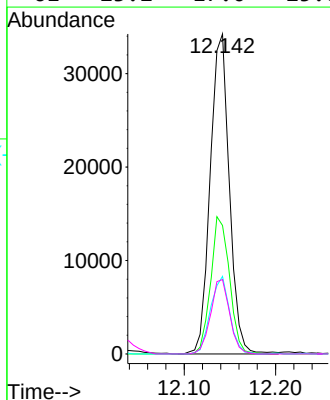
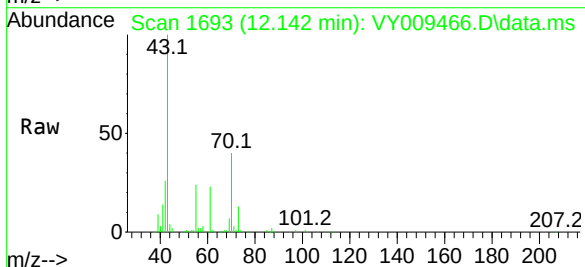
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

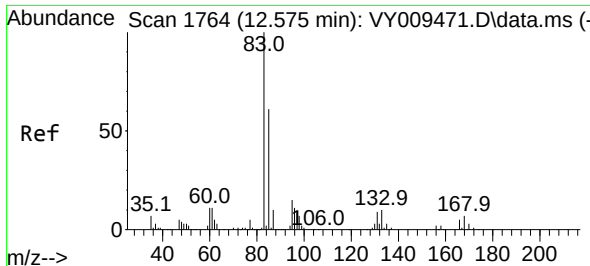
Tgt Ion:105 Resp: 170984
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 19.152 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 43 Resp: 49706
Ion Ratio Lower Upper
43 100
70 42.2 28.7 43.1
55 24.2 17.3 25.9
61 23.2 17.0 25.6

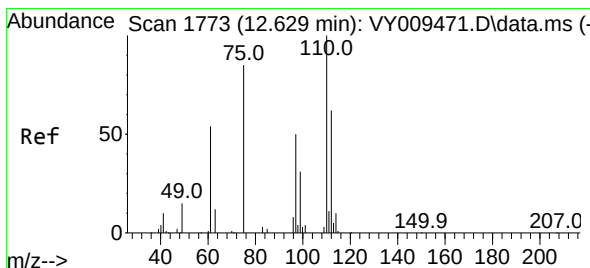
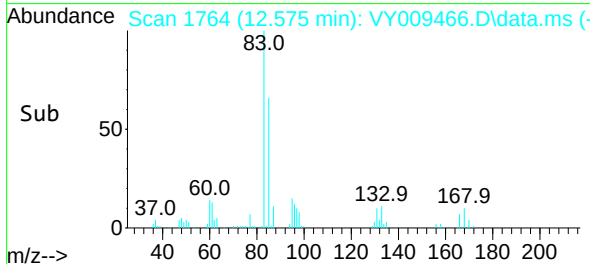
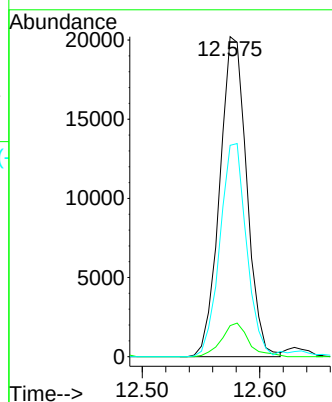
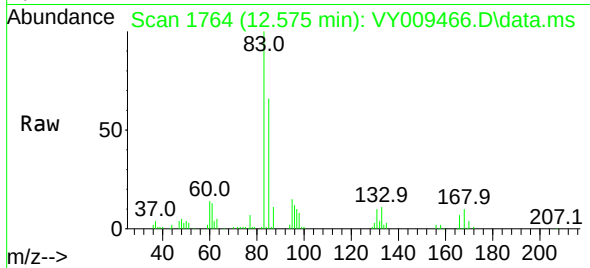




#75
1,1,2-Tetrachloroethane
Concen: 17.675 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

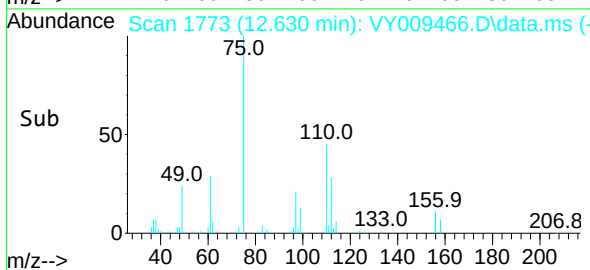
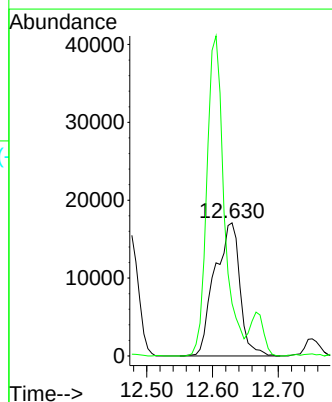
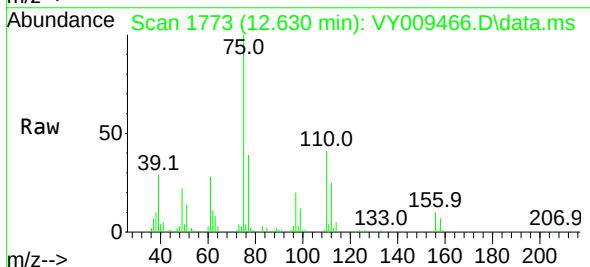
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

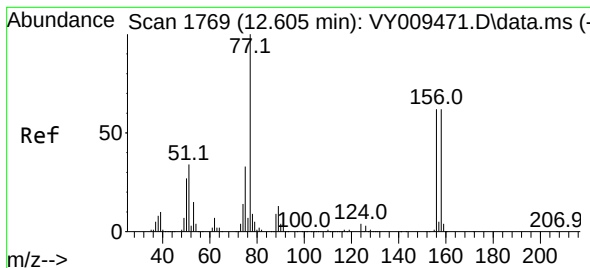
Tgt Ion: 83 Resp: 32282
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 66.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 19.379 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 75 Resp: 45589
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.056 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

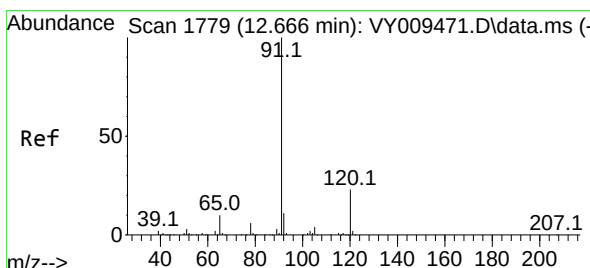
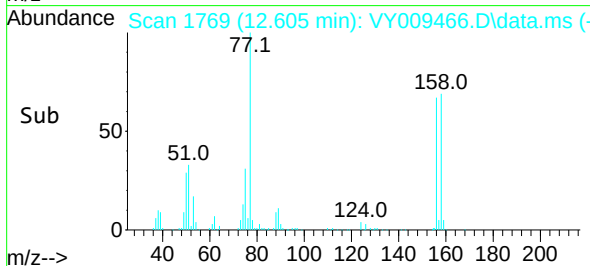
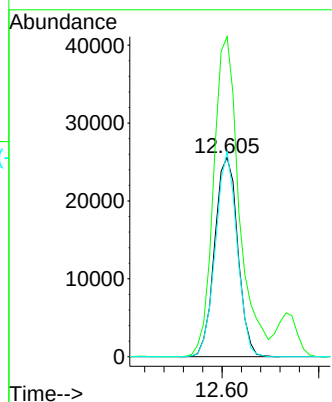
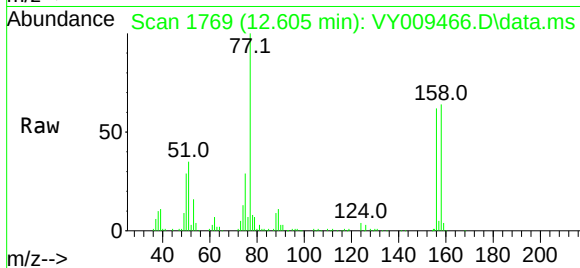
Tgt Ion:156 Resp: 42317

Ion Ratio Lower Upper

156 100

77 178.5 95.5 286.4

158 96.1 48.0 144.0



#78

n-propylbenzene

Concen: 19.044 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009466.D

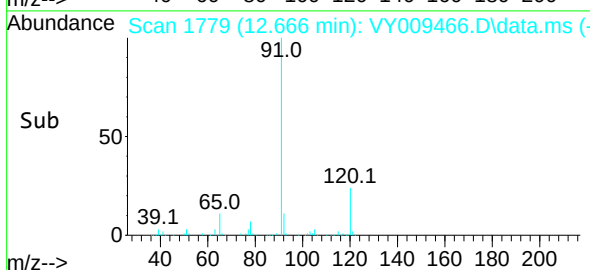
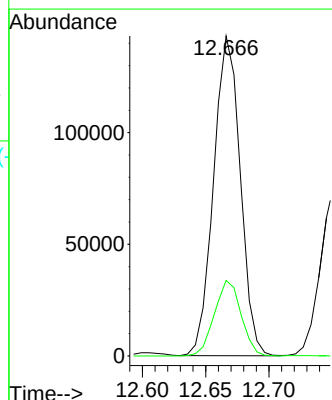
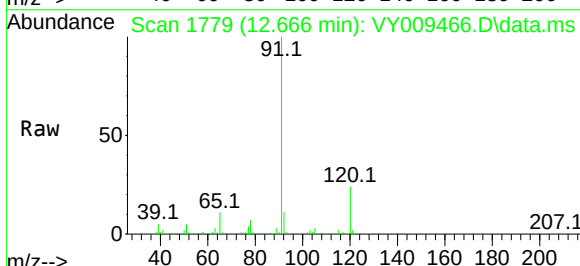
Acq: 07 Jul 2022 12:14

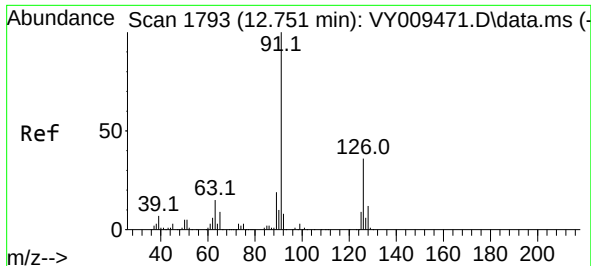
Tgt Ion: 91 Resp: 209868

Ion Ratio Lower Upper

91 100

120 23.6 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.246 ug/l

RT: 12.752 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

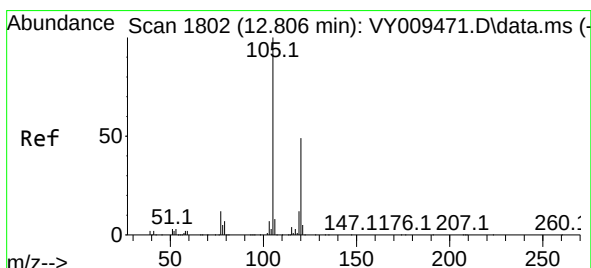
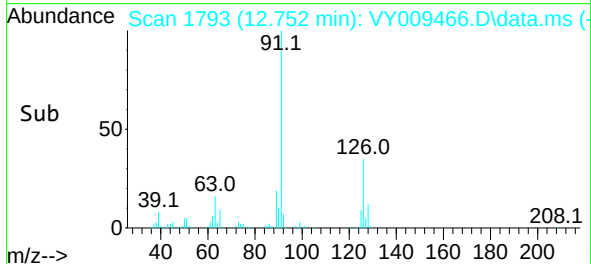
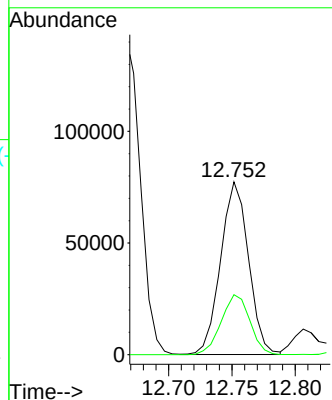
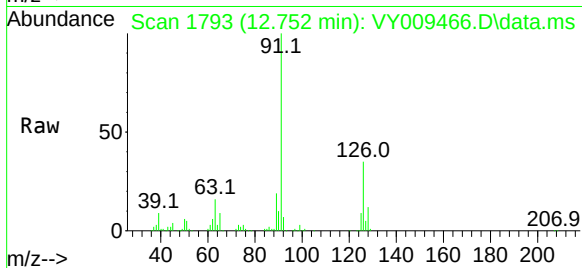
VSTDICC020

Tgt Ion: 91 Resp: 118746

Ion Ratio Lower Upper

91 100

126 35.7 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 19.212 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY009466.D

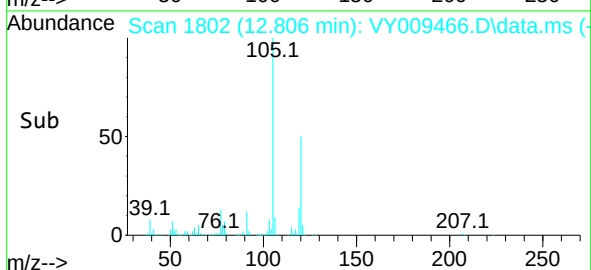
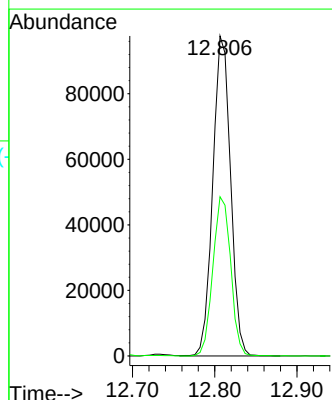
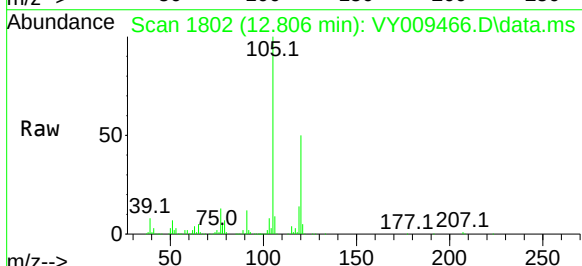
Acq: 07 Jul 2022 12:14

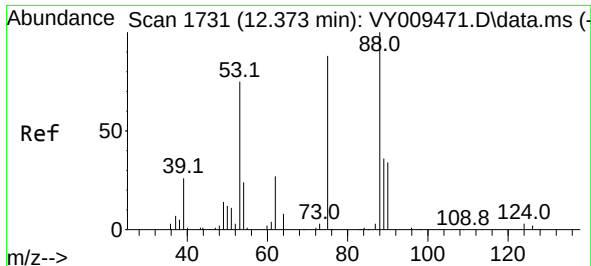
Tgt Ion: 105 Resp: 146482

Ion Ratio Lower Upper

105 100

120 49.9 24.4 73.4

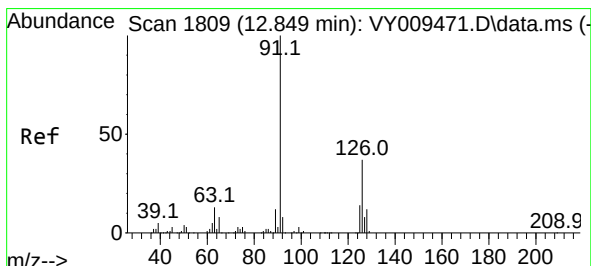
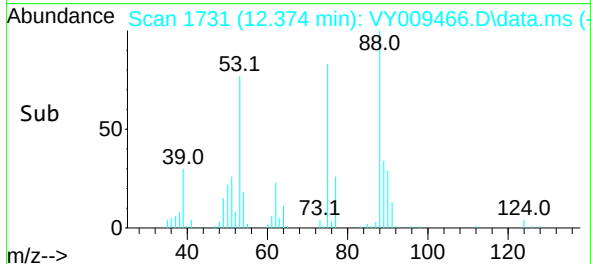
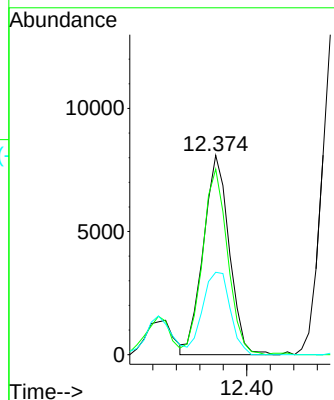
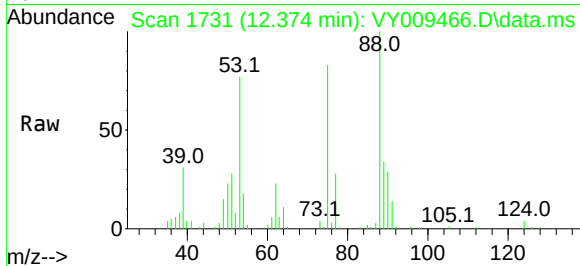




#81
trans-1,4-Dichloro-2-butene
Concen: 17.970 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

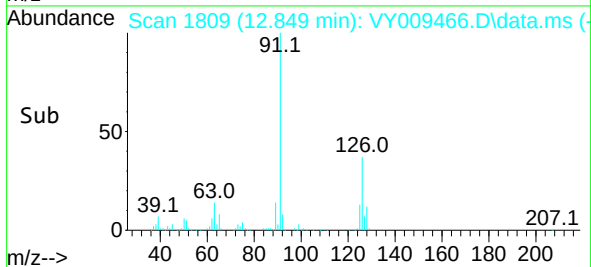
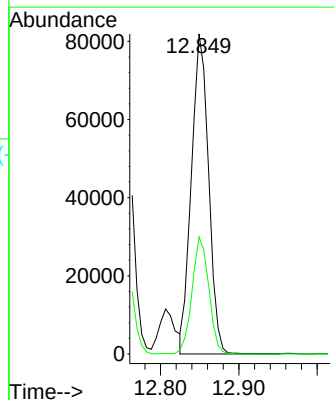
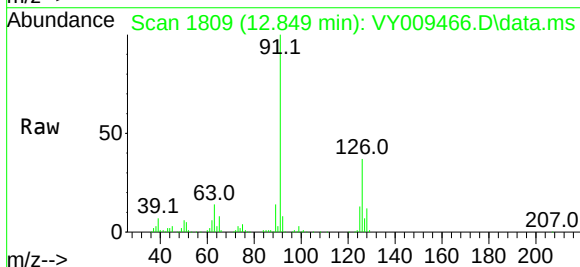
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

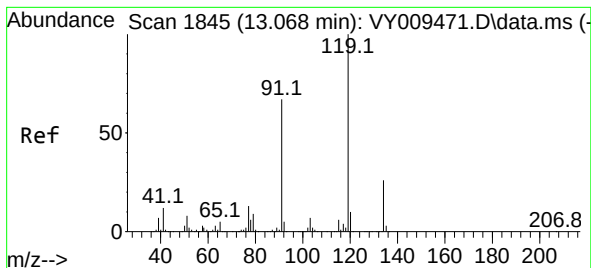
Tgt Ion: 75 Resp: 12397
Ion Ratio Lower Upper
75 100
53 90.4 85.3 127.9
89 43.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.345 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 91 Resp: 125085
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0

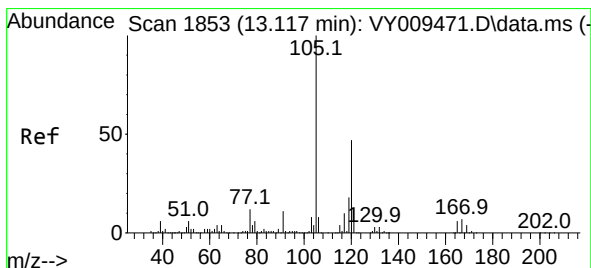
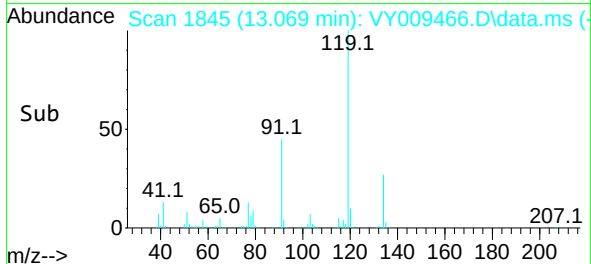
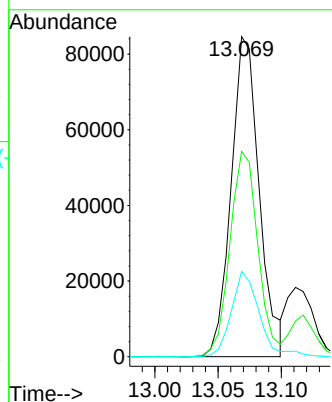
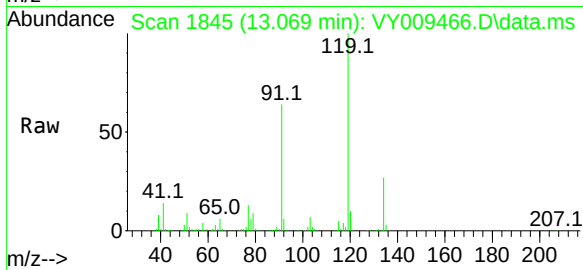




#83
tert-Butylbenzene
Concen: 19.286 ug/l
RT: 13.069 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

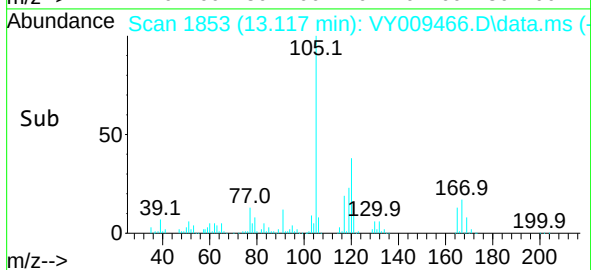
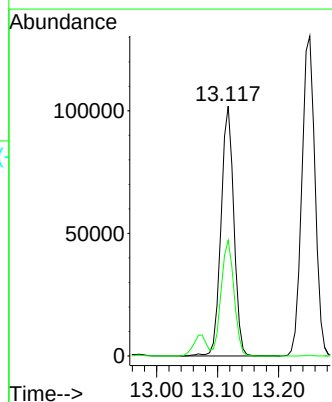
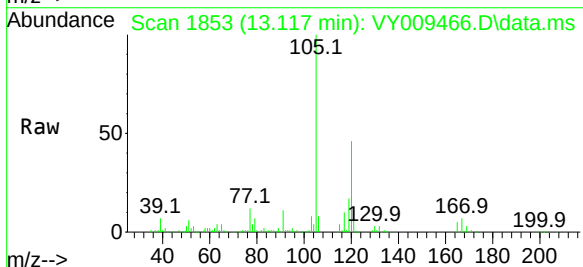
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

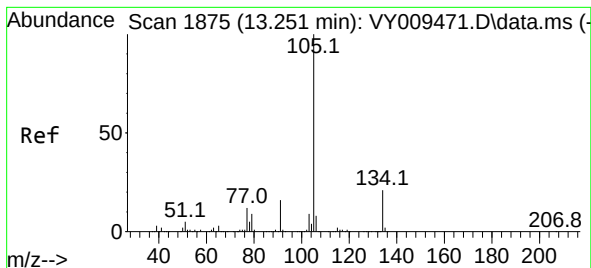
Tgt Ion:119 Resp: 130825
Ion Ratio Lower Upper
119 100
91 64.0 34.8 104.4
134 26.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.575 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion:105 Resp: 148558
Ion Ratio Lower Upper
105 100
120 46.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.575 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

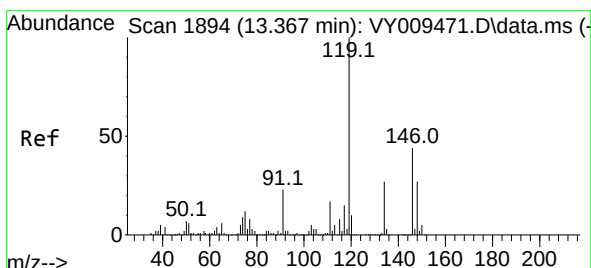
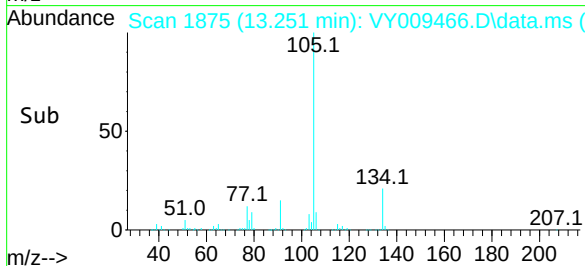
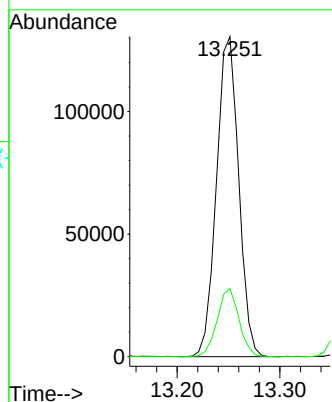
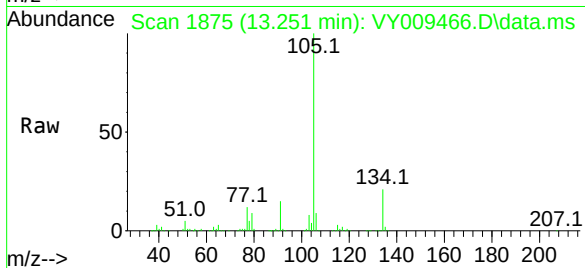
VSTDIC020

Tgt Ion:105 Resp: 195554

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.526 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

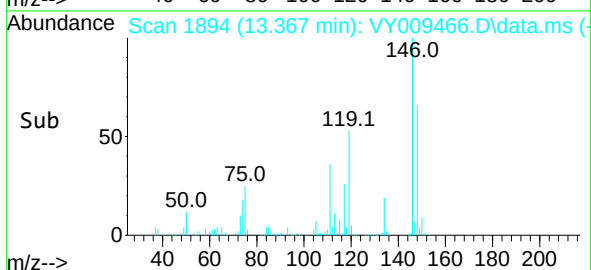
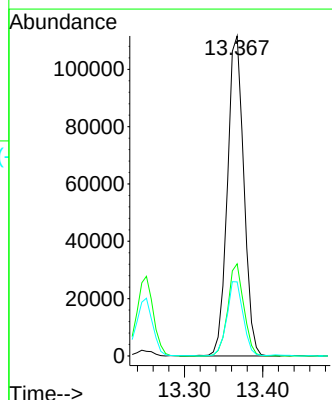
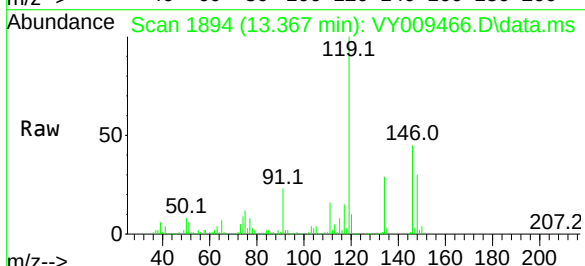
Tgt Ion:119 Resp: 162603

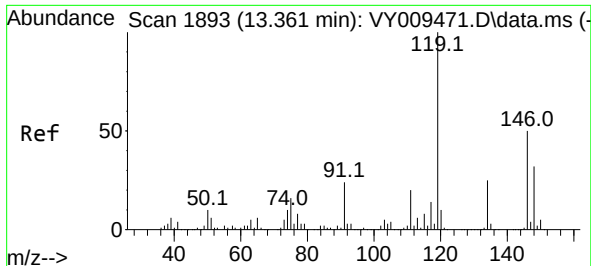
Ion Ratio Lower Upper

119 100

134 28.0 13.2 39.5

91 23.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.294 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

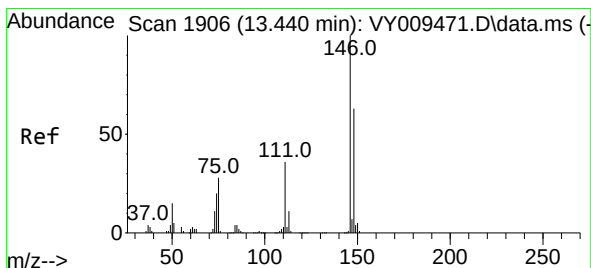
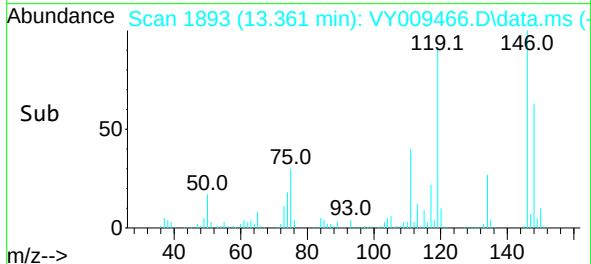
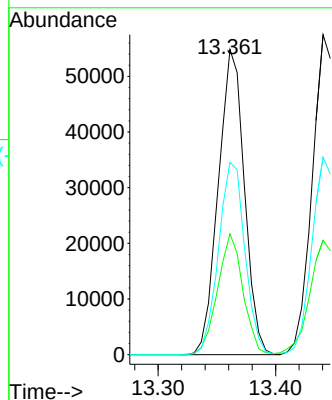
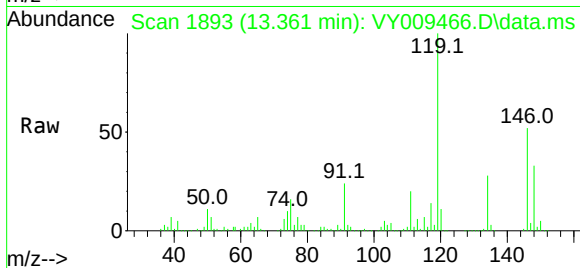
Tgt Ion:146 Resp: 84573

Ion Ratio Lower Upper

146 100

111 38.5 19.5 58.5

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.685 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

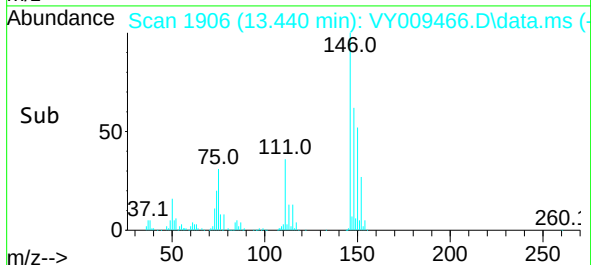
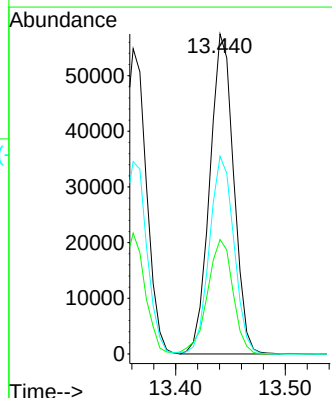
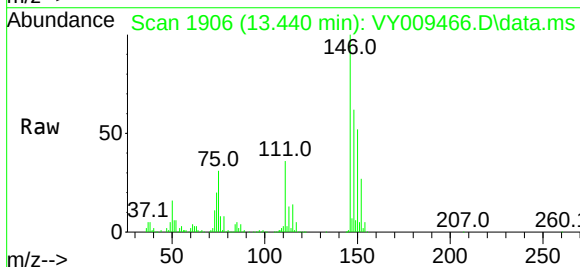
Tgt Ion:146 Resp: 87331

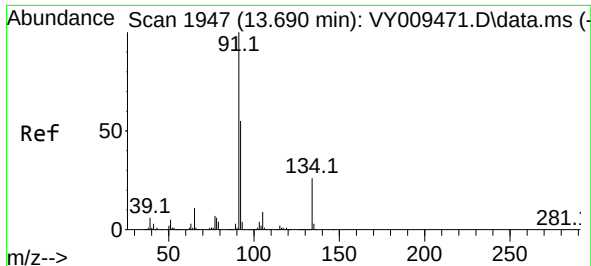
Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.8

148 63.3 32.6 97.8

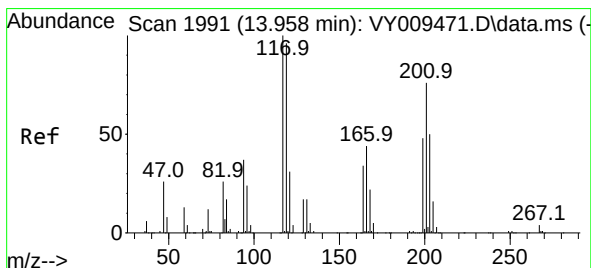
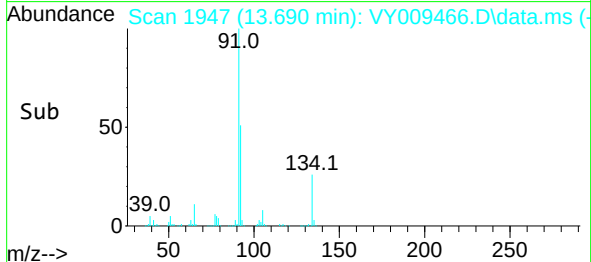
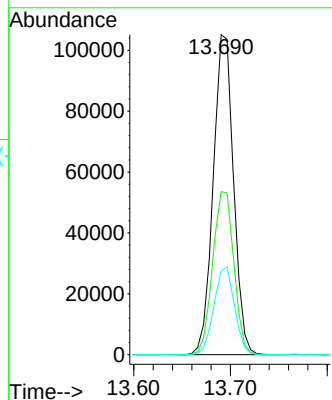
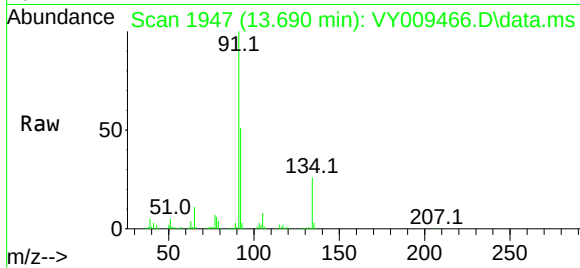




#89
n-Butylbenzene
Concen: 19.724 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

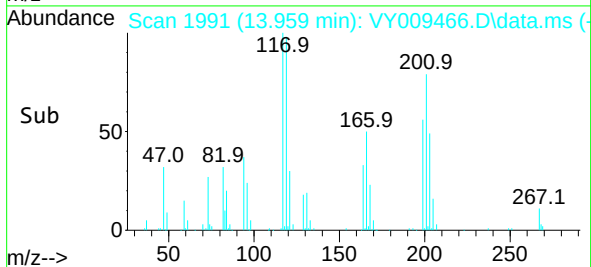
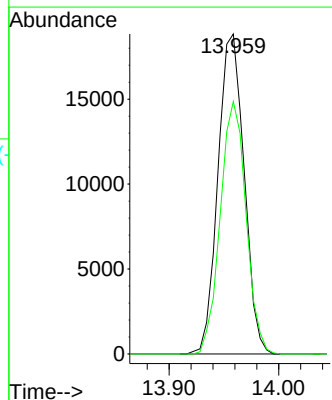
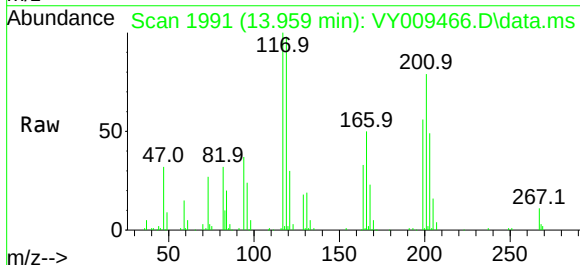
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

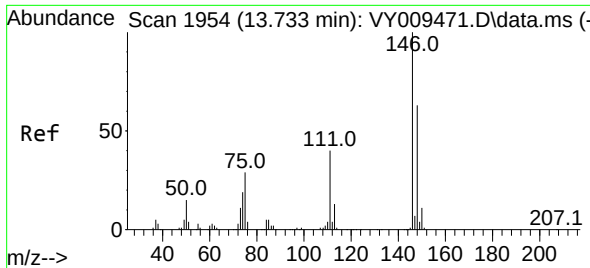
Tgt Ion: 91 Resp: 153383
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 27.7 13.0 38.9



#90
Hexachloroethane
Concen: 19.087 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 117 Resp: 31186
Ion Ratio Lower Upper
117 100
201 77.7 43.0 128.8

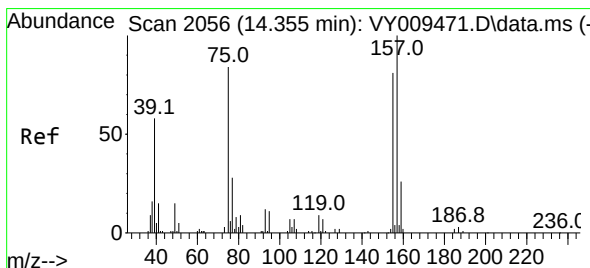
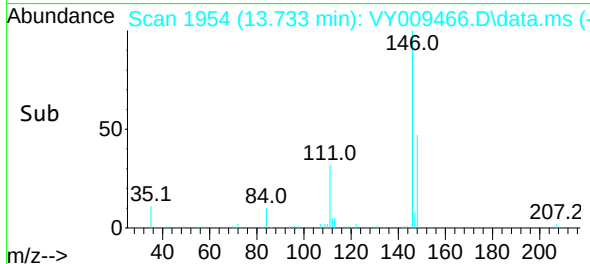
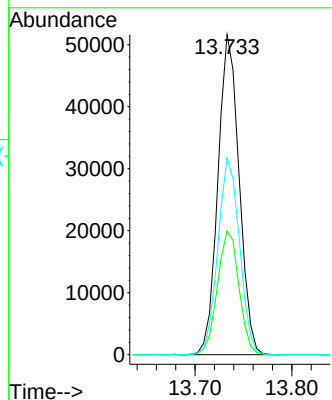
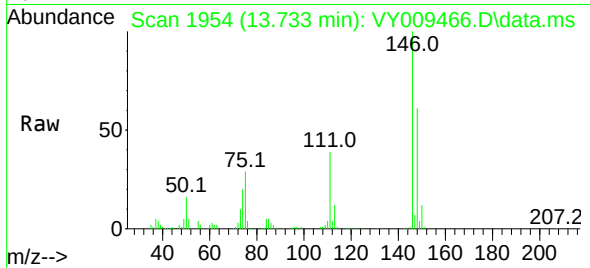




#91
1,2-Dichlorobenzene
Concen: 19.526 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

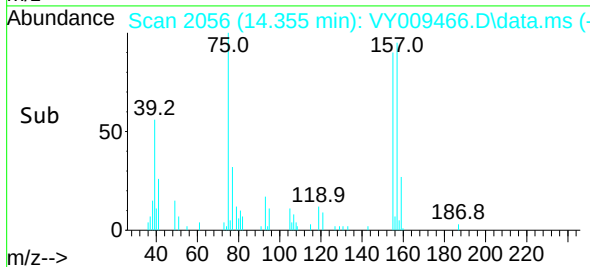
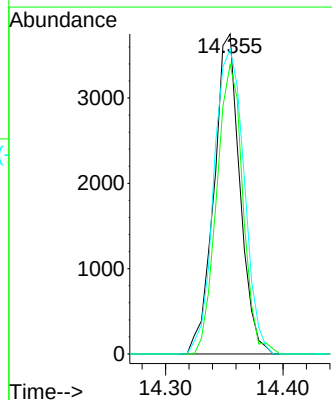
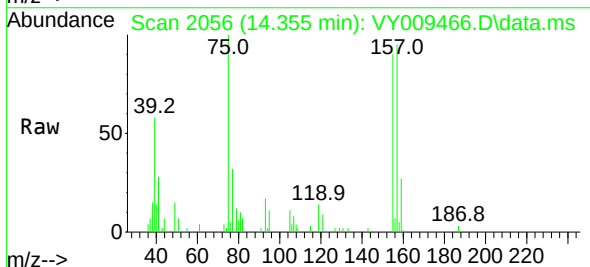
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

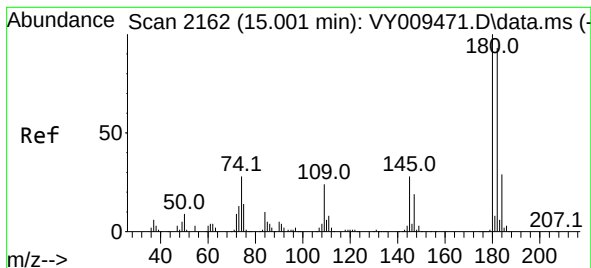
Tgt Ion:146 Resp: 78419
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 62.7 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.977 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009466.D
Acq: 07 Jul 2022 12:14

Tgt Ion: 75 Resp: 5755
Ion Ratio Lower Upper
75 100
155 91.0 38.0 113.9
157 110.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.061 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

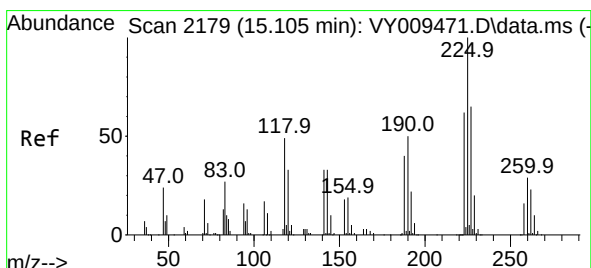
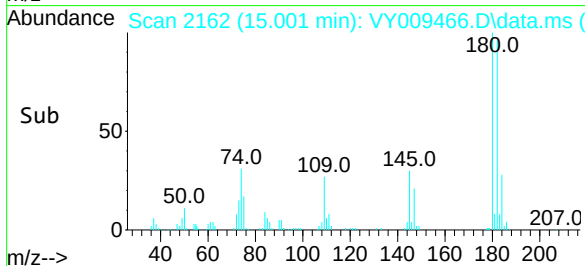
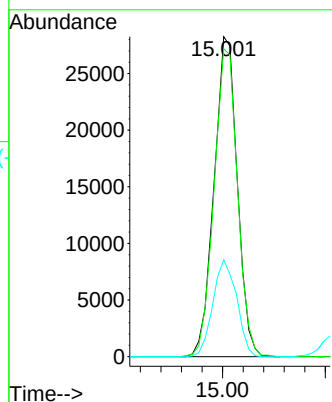
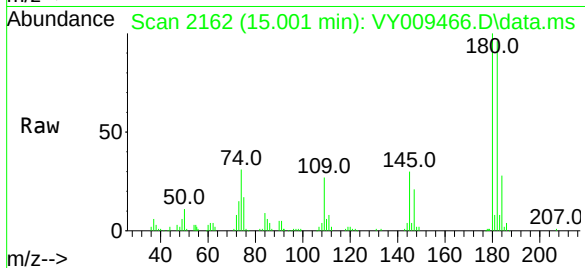
Tgt Ion:180 Resp: 44241

Ion Ratio Lower Upper

180 100

182 97.3 47.3 141.9

145 31.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.288 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

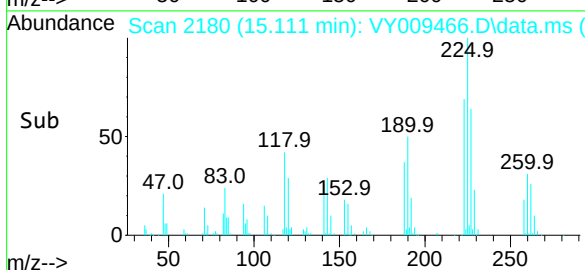
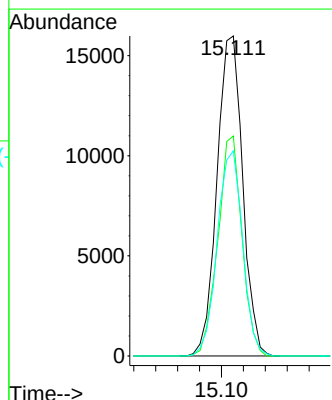
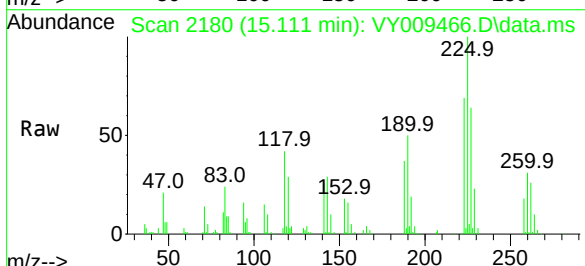
Tgt Ion:225 Resp: 25974

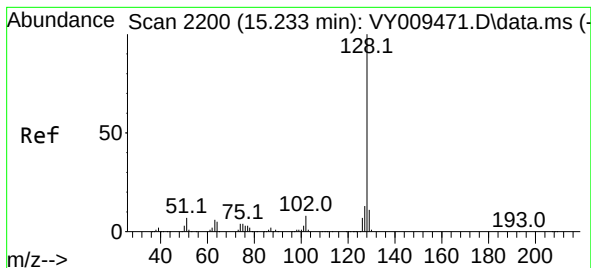
Ion Ratio Lower Upper

225 100

223 64.5 30.8 92.3

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 17.448 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

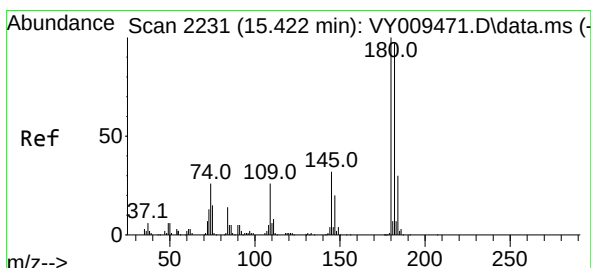
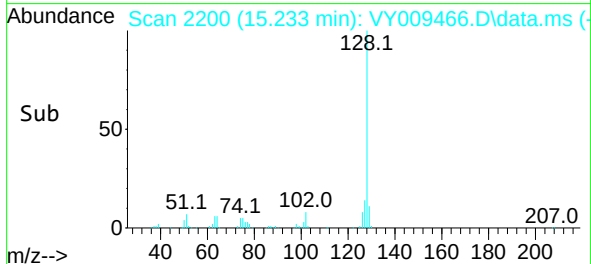
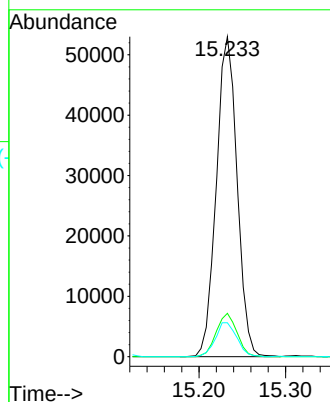
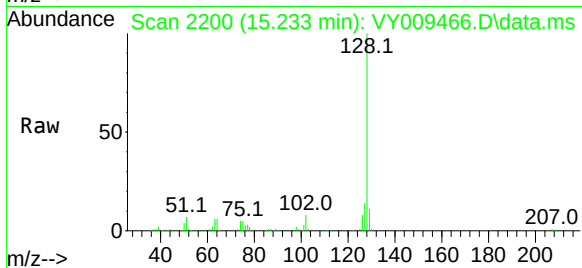
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:	128	Resp:	88366
Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	11.1	8.4	12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.378 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009466.D

Acq: 07 Jul 2022 12:14

Tgt Ion:	180	Resp:	38990
Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	141.9
145	31.0	15.3	45.9

