

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121224\
 Data File : VY020593.D
 Acq On : 12 Dec 2024 11:46
 Operator : SY/MD
 Sample : VY1212SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 13 05:41:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	170926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	266083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	223037	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	110836	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	89322	51.383	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.760%	
35) Dibromofluoromethane	7.640	113	88282	52.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.400%	
50) Toluene-d8	10.109	98	328645	51.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.407	95	115053	51.573	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	27626	16.569	ug/l	98
3) Chloromethane	2.068	50	29042	17.204	ug/l	97
4) Vinyl Chloride	2.208	62	31469	18.283	ug/l	95
5) Bromomethane	2.598	94	18250	18.071	ug/l	92
6) Chloroethane	2.738	64	20179	19.128	ug/l	99
7) Trichlorofluoromethane	3.062	101	58852	18.256	ug/l	98
8) Diethyl Ether	3.458	74	17834	19.526	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	37399	19.911	ug/l	96
10) Methyl Iodide	4.007	142	37539	17.803	ug/l	97
11) Tert butyl alcohol	4.866	59	13820	122.556	ug/l	99
12) 1,1-Dichloroethene	3.793	96	32399	18.260	ug/l	93
13) Acrolein	3.659	56	10462	99.092	ug/l	97
14) Allyl chloride	4.391	41	60930	19.254	ug/l	95
15) Acrylonitrile	5.061	53	42789	112.436	ug/l	98
16) Acetone	3.866	43	45792	105.942	ug/l	94
17) Carbon Disulfide	4.110	76	73326	14.439	ug/l	98
18) Methyl Acetate	4.384	43	20877	22.725	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	92420	20.396	ug/l	99
20) Methylene Chloride	4.616	84	37127	20.192	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	36294	18.416	ug/l	94
22) Diisopropyl ether	6.018	45	135806	21.581	ug/l	97
23) Vinyl Acetate	5.963	43	353315	106.149	ug/l	98
24) 1,1-Dichloroethane	5.921	63	76284	20.135	ug/l	99
25) 2-Butanone	6.896	43	62046	113.678	ug/l	99
26) 2,2-Dichloropropane	6.884	77	69312	19.343	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	45340	19.703	ug/l	99
28) Bromochloromethane	7.250	49	25980	18.363	ug/l	97
29) Tetrahydrofuran	7.268	42	35015	112.453	ug/l	100
30) Chloroform	7.427	83	79716	20.502	ug/l	97
31) Cyclohexane	7.701	56	60950	17.795	ug/l #	94
32) 1,1,1-Trichloroethane	7.622	97	73524	19.638	ug/l	97
36) 1,1-Dichloropropene	7.835	75	54560	19.287	ug/l	99
37) Ethyl Acetate	6.988	43	24879	22.200	ug/l	98
38) Carbon Tetrachloride	7.817	117	63809	18.900	ug/l	97
39) Methylcyclohexane	9.109	83	64450	18.361	ug/l	95
40) Benzene	8.085	78	165716	19.869	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	11759	18.457	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	44844	20.462	ug/l	99
43) Isopropyl Acetate	8.195	43	49887	22.044	ug/l #	88
44) Trichloroethene	8.865	130	40763	19.826	ug/l	99
45) 1,2-Dichloropropane	9.140	63	41098	21.057	ug/l	99
46) Dibromomethane	9.231	93	20093	20.793	ug/l	96
47) Bromodichloromethane	9.426	83	59821	21.011	ug/l	99
48) Methyl methacrylate	9.219	41	22678	21.490	ug/l	96
49) 1,4-Dioxane	9.225	88	4464	483.283	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	128524	115.001	ug/l	99
52) Toluene	10.170	92	105666	20.306	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	52420	20.508	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	63976	21.179	ug/l	91
55) 1,1,2-Trichloroethane	10.572	97	28425	22.051	ug/l	97
56) Ethyl methacrylate	10.438	69	38658	21.195	ug/l	95
57) 1,3-Dichloropropane	10.719	76	50502	21.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	89893	105.263	ug/l	99
59) 2-Hexanone	10.761	43	90933	112.787	ug/l	99
60) Dibromochloromethane	10.908	129	38220	21.296	ug/l	96
61) 1,2-Dibromoethane	11.011	107	25776	21.866	ug/l	98
64) Tetrachloroethene	10.646	164	36942	19.602	ug/l	95
65) Chlorobenzene	11.438	112	112301	20.088	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	40792	20.575	ug/l	98
67) Ethyl Benzene	11.517	91	210350	20.073	ug/l	99
68) m/p-Xylenes	11.627	106	153584	40.026	ug/l	99
69) o-Xylene	11.956	106	73385	20.414	ug/l	99
70) Styrene	11.969	104	122792	20.474	ug/l	100
71) Bromoform	12.133	173	21804	21.630	ug/l #	98
73) Isopropylbenzene	12.255	105	206945	19.297	ug/l	100
74) N-amyl acetate	12.072	43	43761	20.820	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	32484	21.063	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	42221	37.395	ug/l #	100
77) Bromobenzene	12.529	156	43732	19.692	ug/l	99
78) n-propylbenzene	12.596	91	248039	19.535	ug/l	99
79) 2-Chlorotoluene	12.682	91	138964	19.396	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	167417	19.481	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11429	20.770	ug/l	93
82) 4-Chlorotoluene	12.779	91	145143	19.852	ug/l	100
83) tert-Butylbenzene	12.999	119	153871	19.804	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	167833	20.093	ug/l	99
85) sec-Butylbenzene	13.176	105	225752	20.274	ug/l	100
86) p-Isopropyltoluene	13.291	119	187355	20.361	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	88358	20.630	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	86733	20.686	ug/l	99
89) n-Butylbenzene	13.621	91	176381	20.668	ug/l	98
90) Hexachloroethane	13.883	117	37015	20.641	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	76028	20.932	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5260	22.530	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	44577	21.826	ug/l	99
94) Hexachlorobutadiene	15.029	225	30518	21.359	ug/l	99
95) Naphthalene	15.151	128	71808	21.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	37199	22.572	ug/l	99

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Response via : Initial Calibration

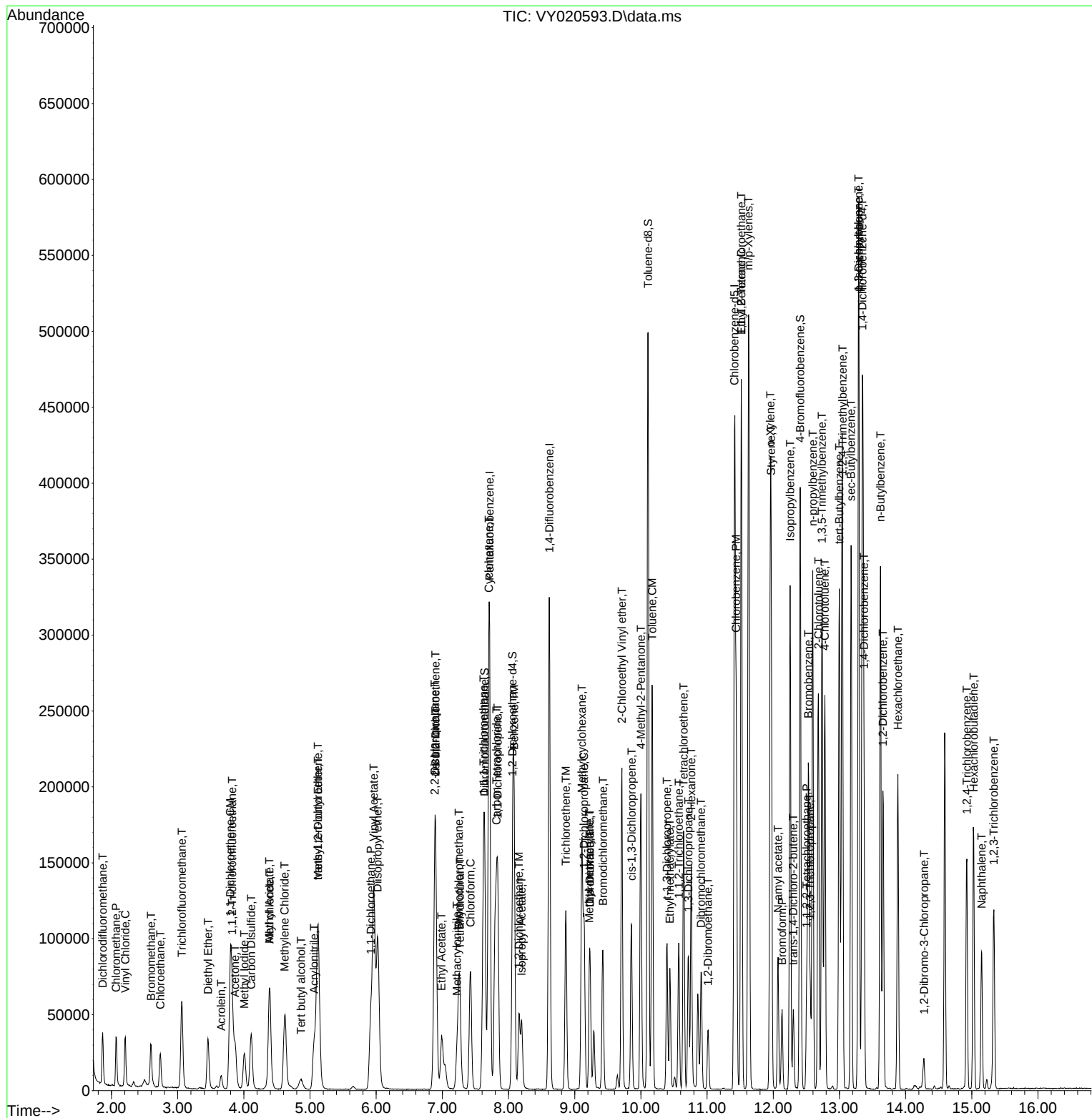
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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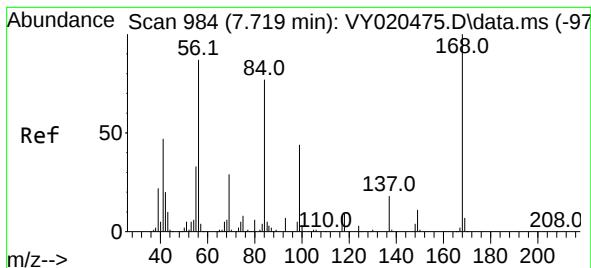
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

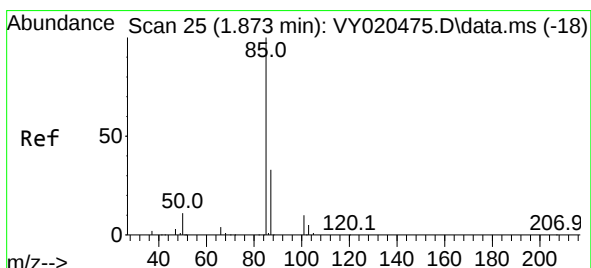
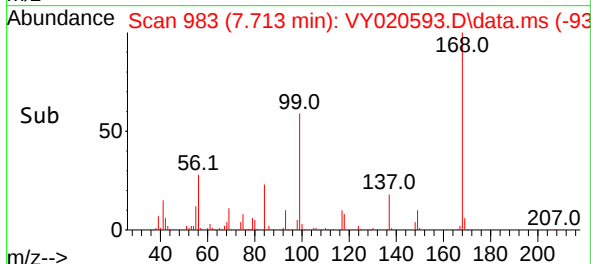
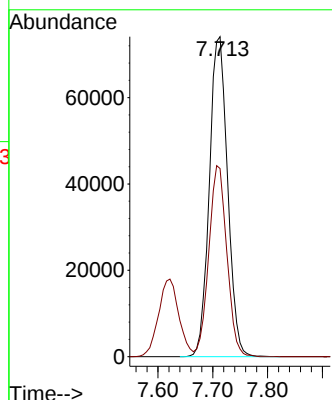
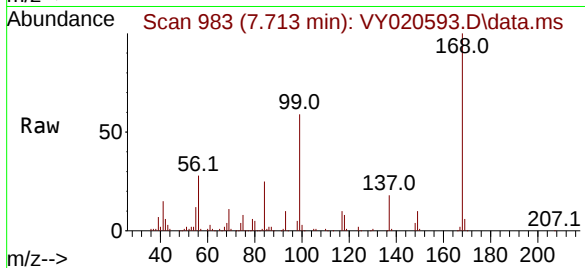
ClientSampleId :

Tgt Ion:168 Resp: 170926

Ion Ratio Lower Upper

168 100

99 58.8 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 16.569 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.006 min

Lab File: VY020593.D

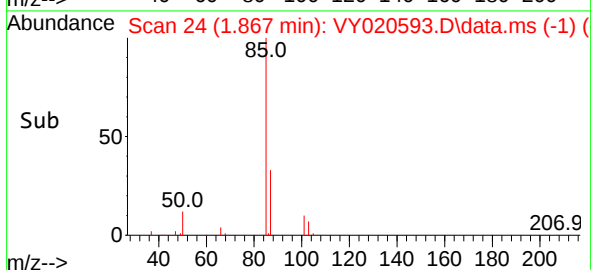
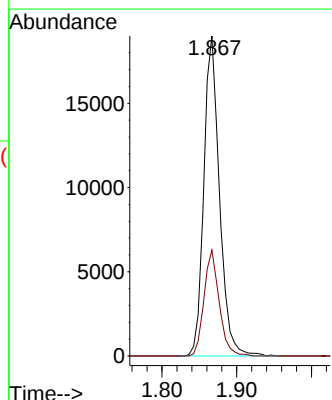
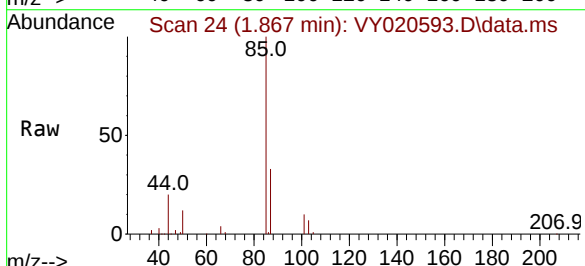
Acq: 12 Dec 2024 11:46

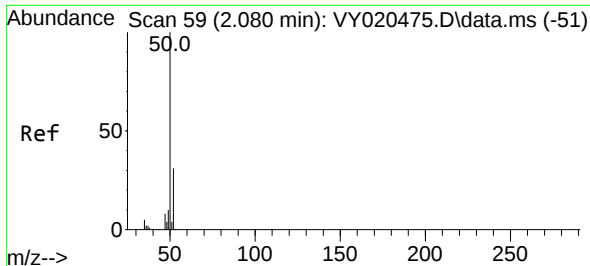
Tgt Ion: 85 Resp: 27626

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2

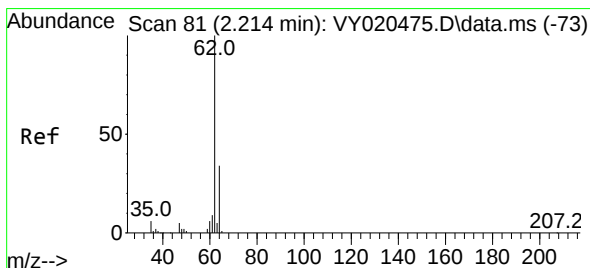
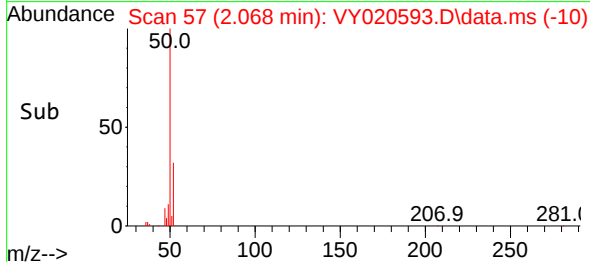
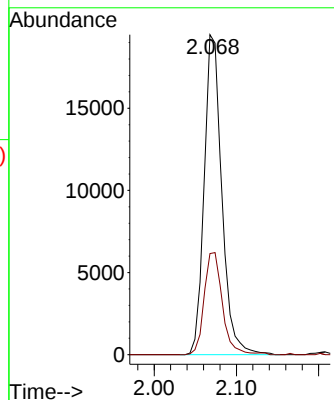
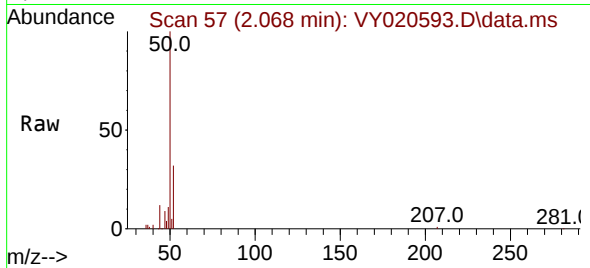




#3
Chloromethane
Concen: 17.204 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020593.D
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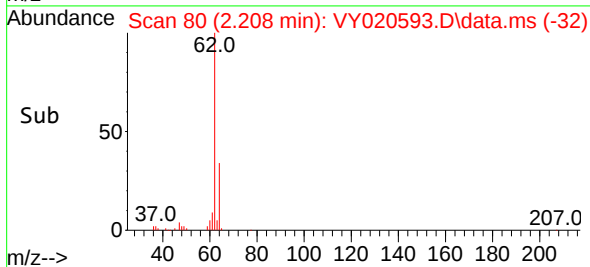
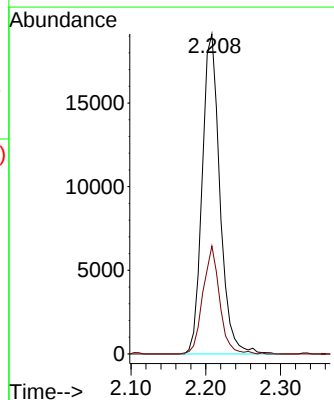
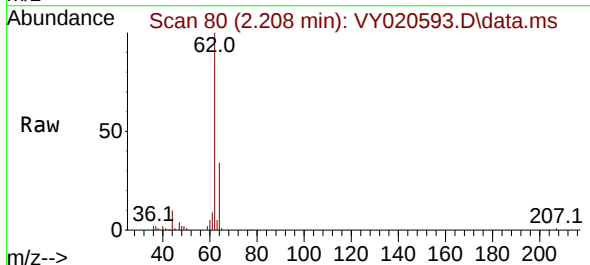
Instrument :
MSVOA_Y
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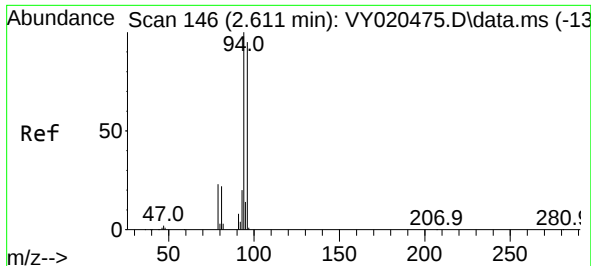
Tgt Ion: 50 Resp: 29042
Ion Ratio Lower Upper
50 100
52 31.6 26.9 40.3



#4
Vinyl Chloride
Concen: 18.283 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

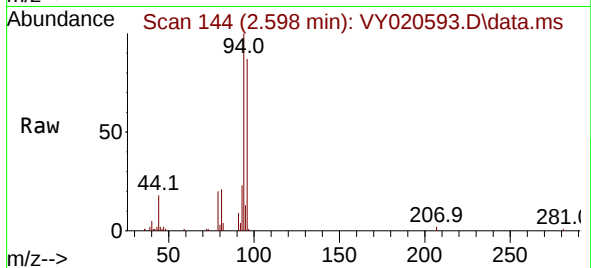
Tgt Ion: 62 Resp: 31469
Ion Ratio Lower Upper
62 100
64 33.8 24.7 37.1



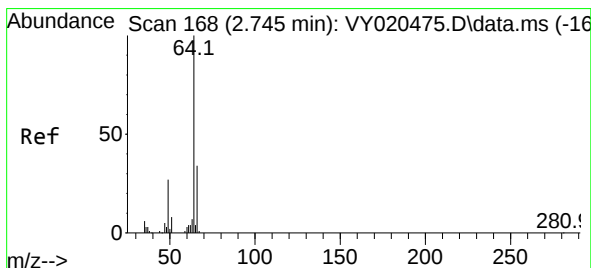
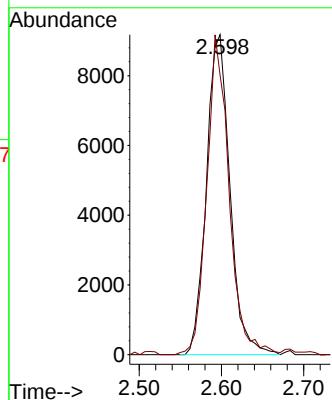
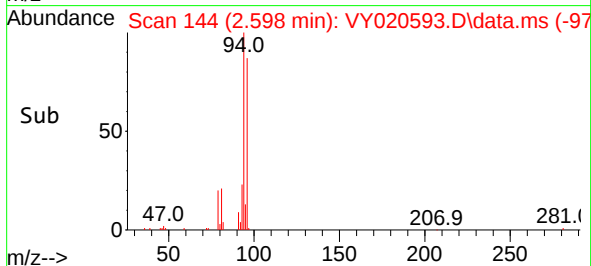


#5
Bromomethane
Concen: 18.071 ug/l
RT: 2.598 min Scan# 146
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

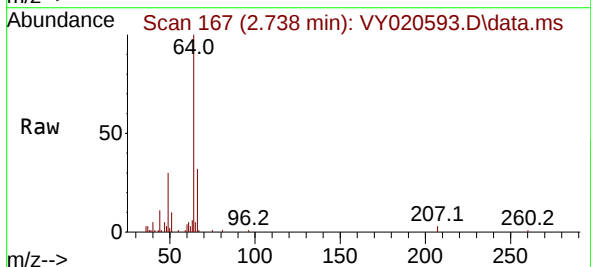
Instrument :
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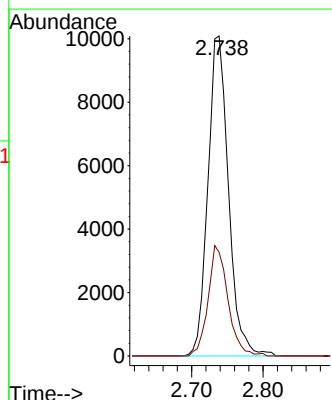
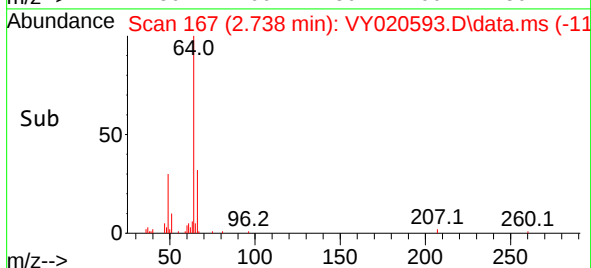
Tgt Ion: 94 Resp: 18250
Ion Ratio Lower Upper
94 100
96 86.8 75.4 113.2

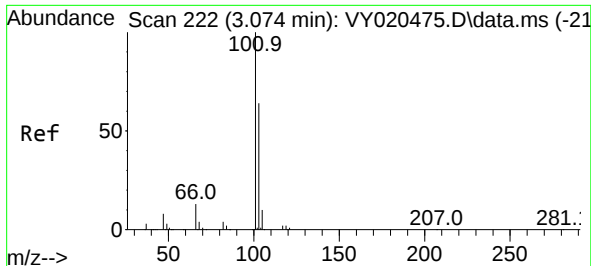


#6
Chloroethane
Concen: 19.128 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY020593.D
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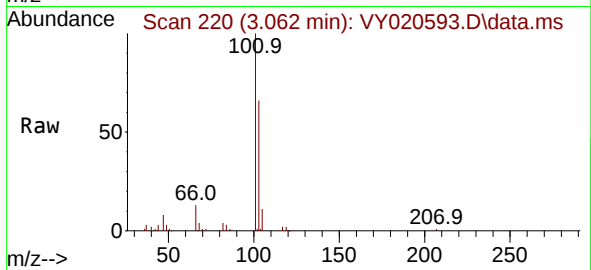
Tgt Ion: 64 Resp: 20179
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5



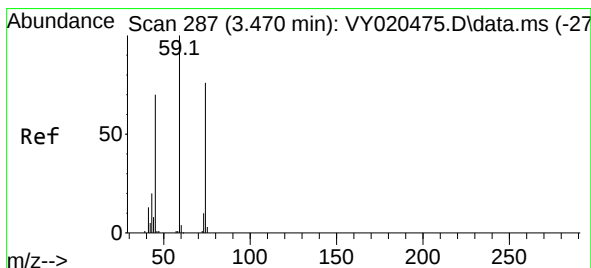
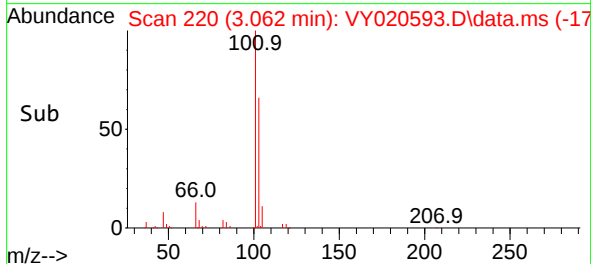
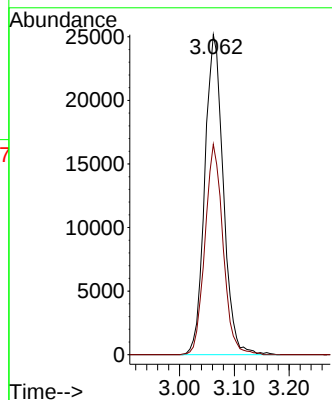


#7
Trichlorofluoromethane
Concen: 18.256 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Instrument :
MSVOA_Y
ClientSampleId :

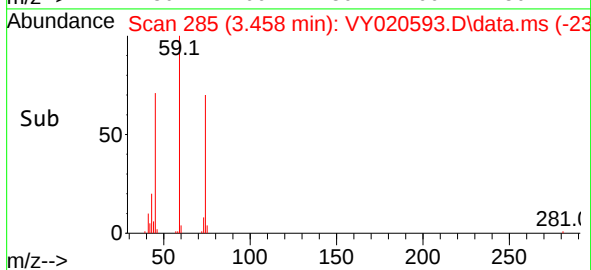
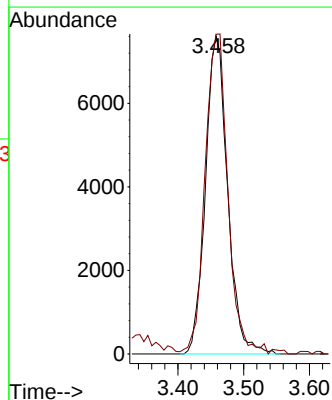
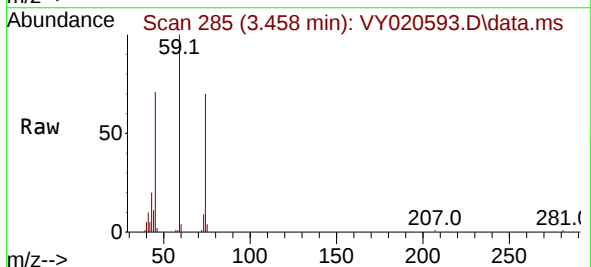


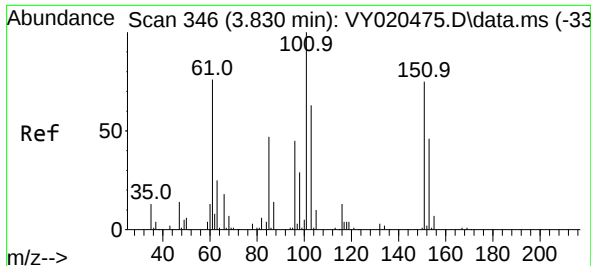
Tgt Ion:101 Resp: 58852
Ion Ratio Lower Upper
101 100
103 65.8 51.5 77.3



#8
Diethyl Ether
Concen: 19.526 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.012 min
Lab File: VY020593.D
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Tgt Ion: 74 Resp: 17834
Ion Ratio Lower Upper
74 100
45 101.5 53.6 160.8

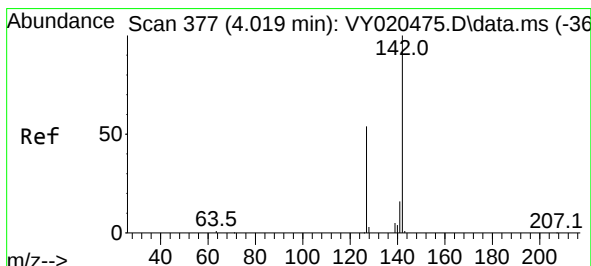
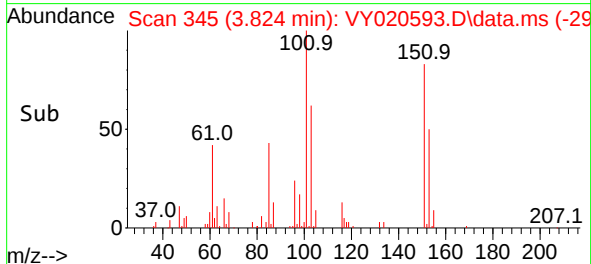
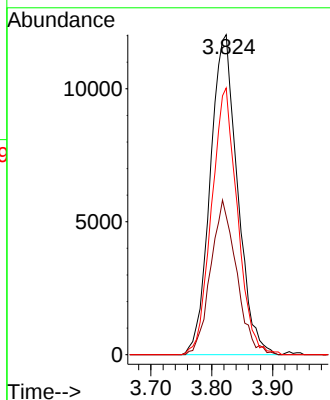
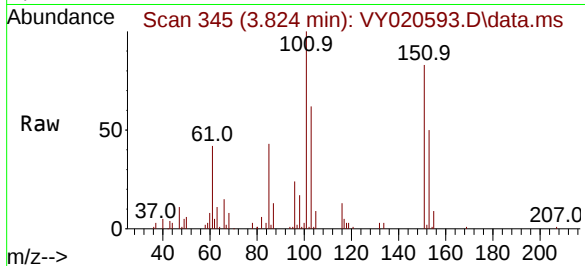




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.911 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

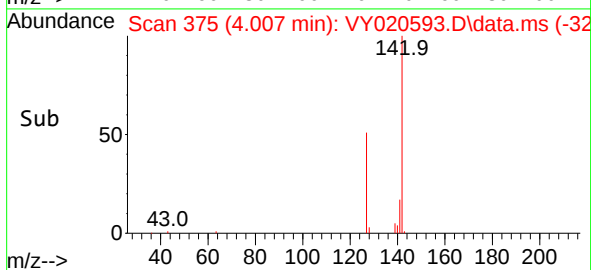
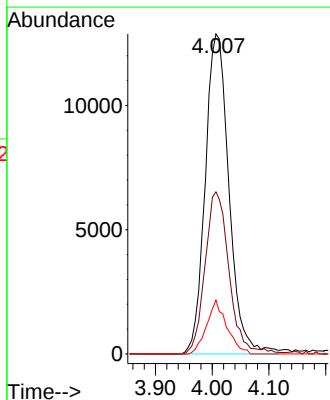
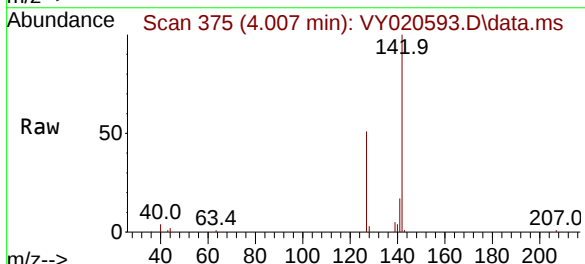
Instrument :
MSVOA_Y
ClientSampleId :

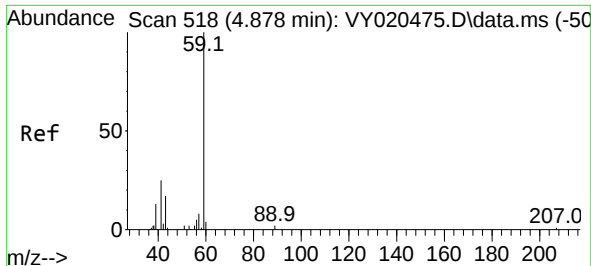
Tgt Ion:101 Resp: 37399
Ion Ratio Lower Upper
101 100
85 45.9 38.0 57.0
151 79.1 59.6 89.4



#10
Methyl Iodide
Concen: 17.803 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion:142 Resp: 37539
Ion Ratio Lower Upper
142 100
127 51.1 38.9 58.3
141 14.3 11.7 17.5

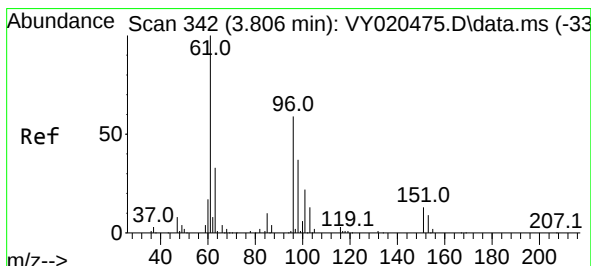
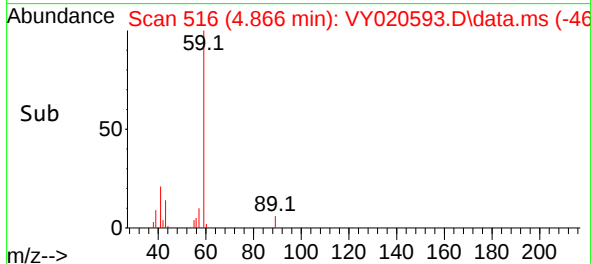
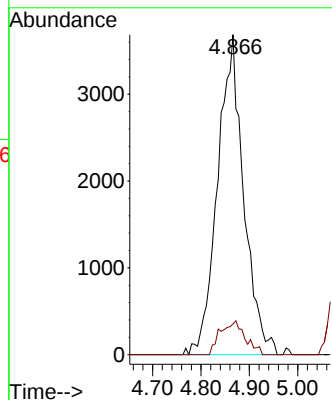
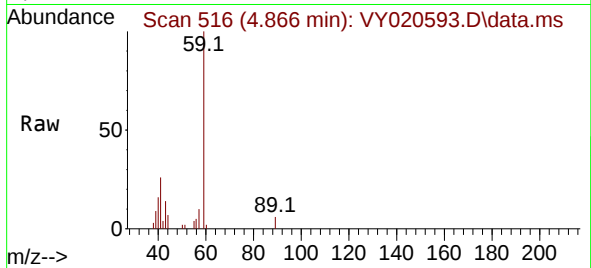




#11
Tert butyl alcohol
Concen: 122.556 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

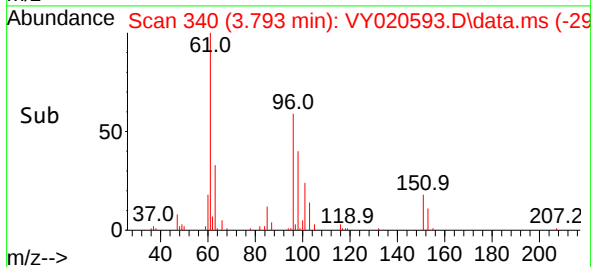
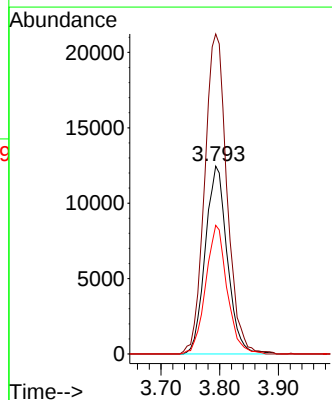
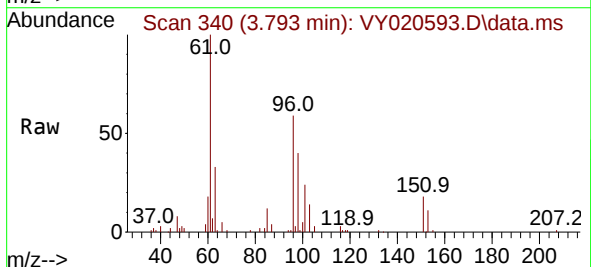
Instrument :
MSVOA_Y
ClientSampleId :

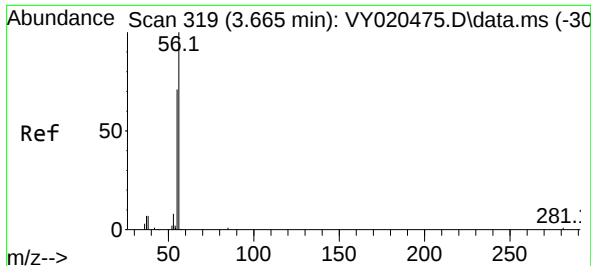
Tgt Ion: 59 Resp: 13820
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.260 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 96 Resp: 32399
Ion Ratio Lower Upper
96 100
61 170.4 143.3 214.9
98 68.5 49.8 74.8

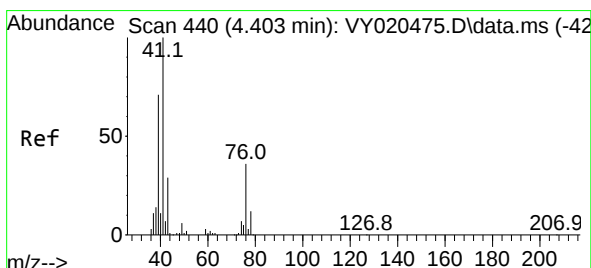
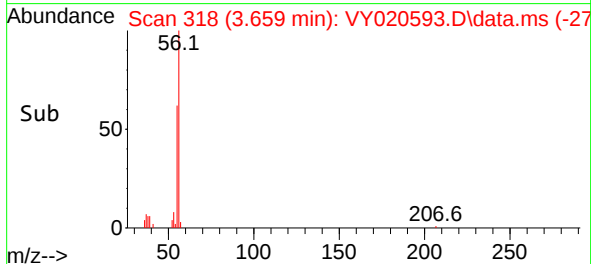
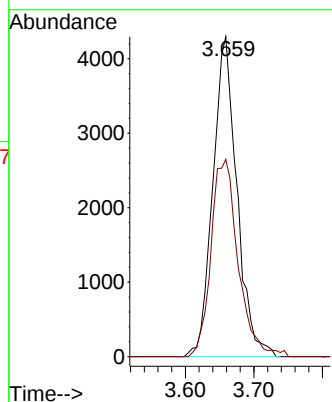
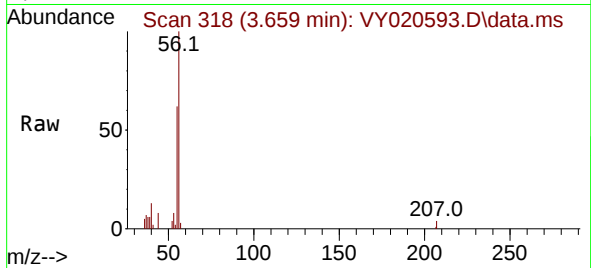




#13
Acrolein
Concen: 99.092 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

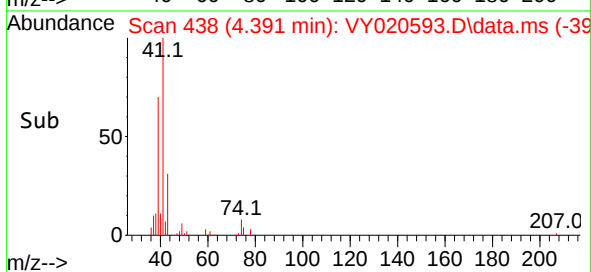
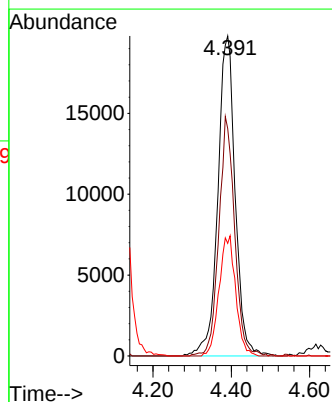
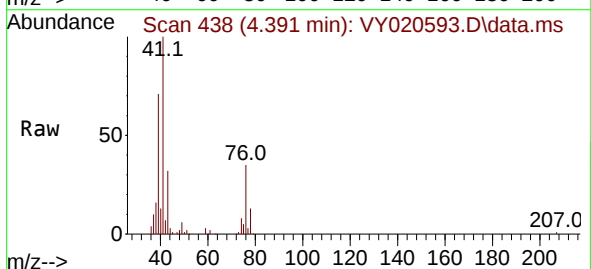
Instrument :
MSVOA_Y
ClientSampleId :

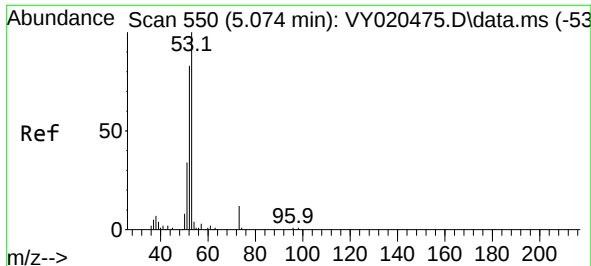
Tgt Ion: 56 Resp: 10462
Ion Ratio Lower Upper
56 100
55 69.6 57.7 86.5



#14
Allyl chloride
Concen: 19.254 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

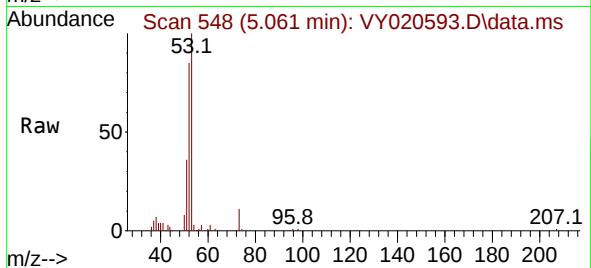
Tgt Ion: 41 Resp: 60930
Ion Ratio Lower Upper
41 100
39 68.1 58.8 88.2
76 36.0 29.7 44.5



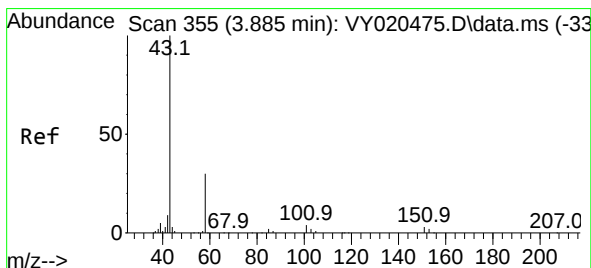
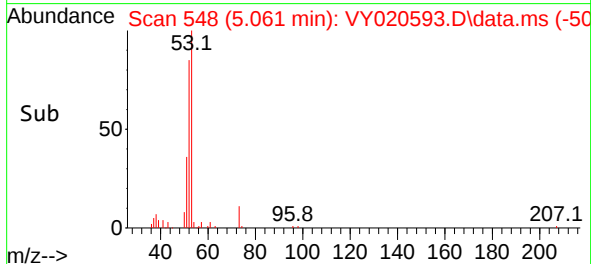
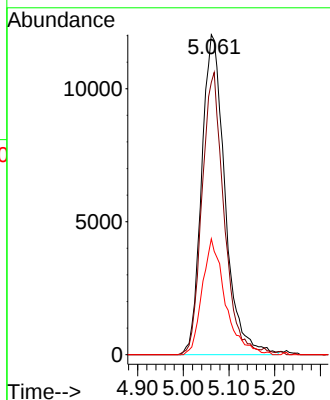


#15
Acrylonitrile
Concen: 112.436 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Instrument :
MSVOA_Y
ClientSampleId :

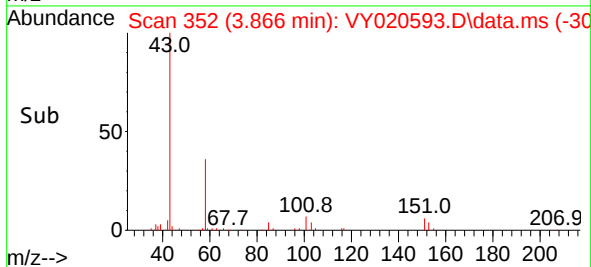
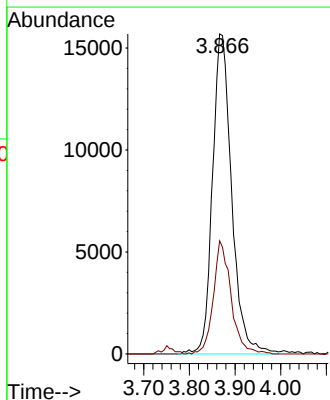
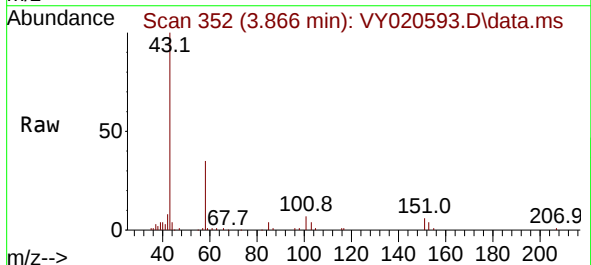


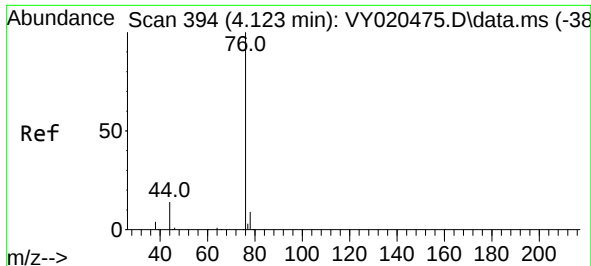
Tgt Ion:	53	Resp:	42789
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.2	97.8
51	35.9	30.2	45.4



#16
Acetone
Concen: 105.942 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.018 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion:	43	Resp:	45792
Ion	Ratio	Lower	Upper
43	100		
58	35.4	25.7	38.5

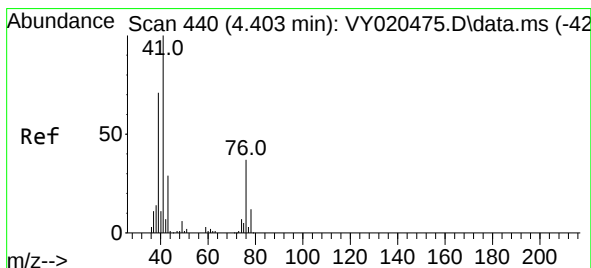
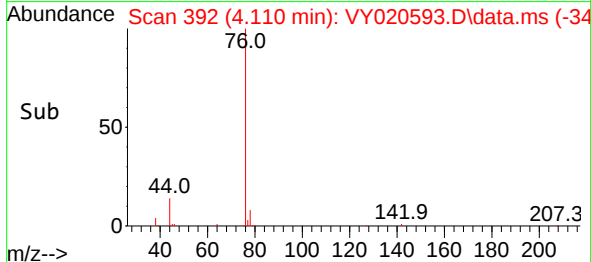
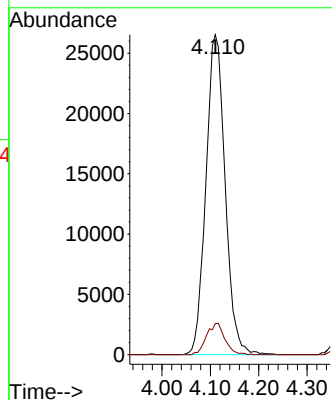
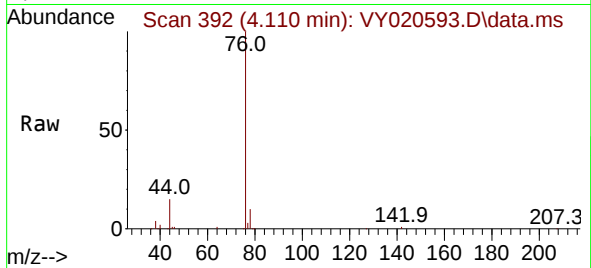




#17
Carbon Disulfide
Concen: 14.439 ug/l
RT: 4.110 min Scan# 394
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

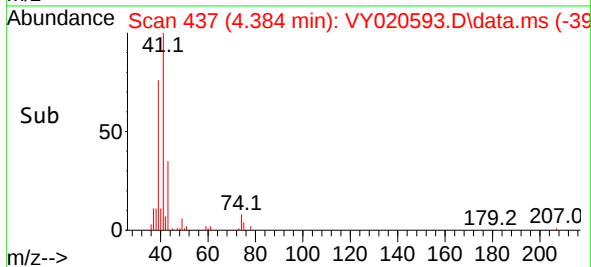
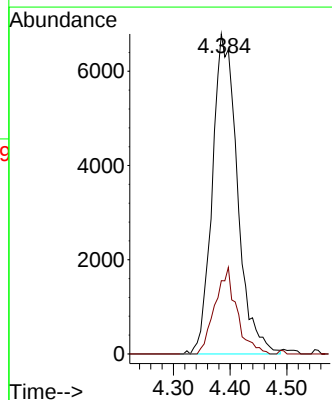
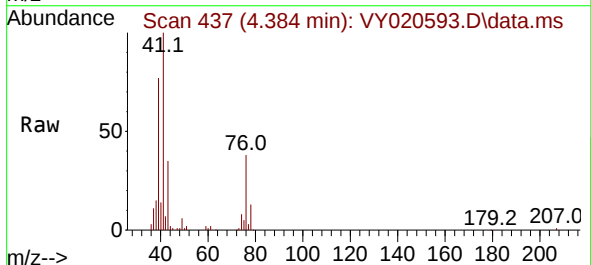
Instrument :
MSVOA_Y
ClientSampleId :

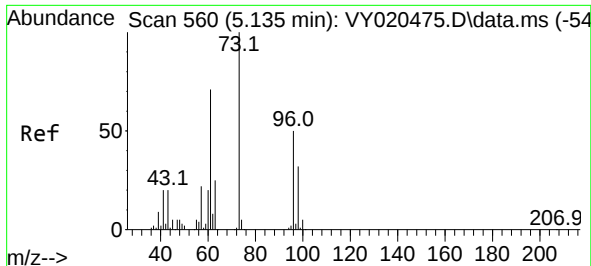
Tgt Ion: 76 Resp: 73326
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 22.725 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 43 Resp: 20877
Ion Ratio Lower Upper
43 100
74 23.5 18.6 27.8

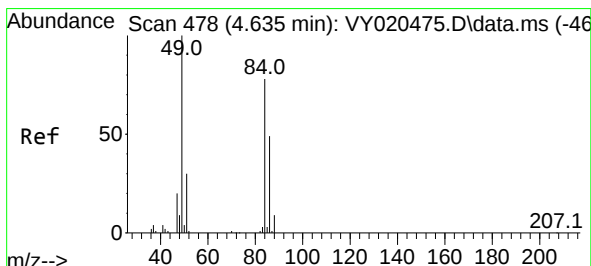
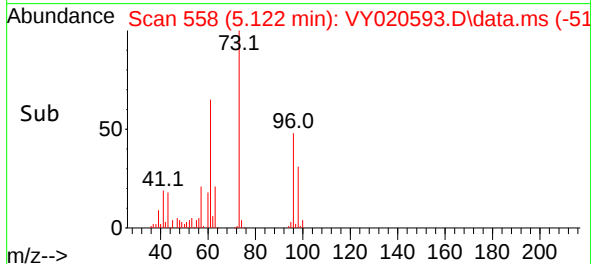
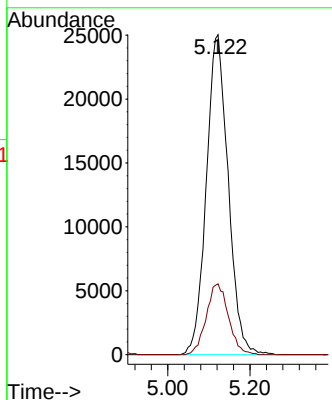
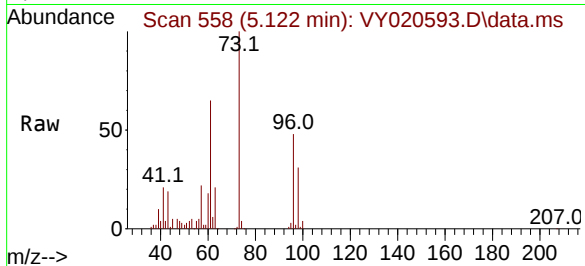




#19
Methyl tert-butyl Ether
Concen: 20.396 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

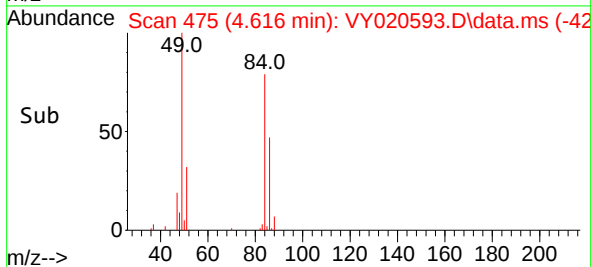
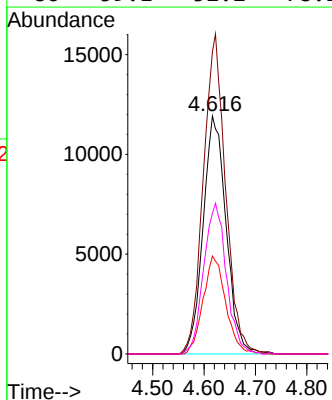
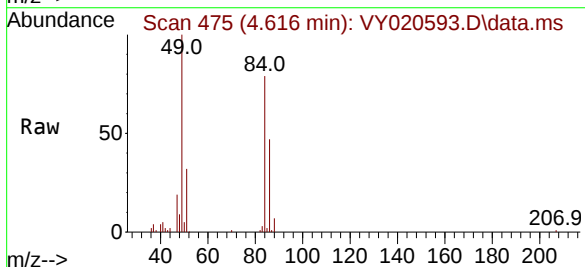
Instrument :
MSVOA_Y
ClientSampleId :

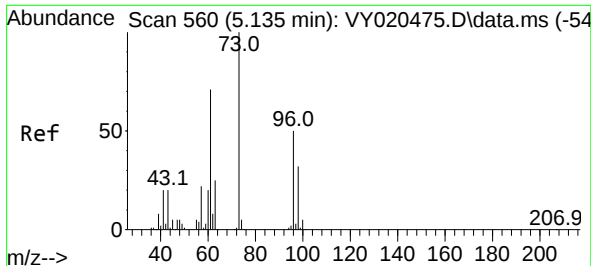
Tgt Ion: 73 Resp: 92420
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 20.192 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

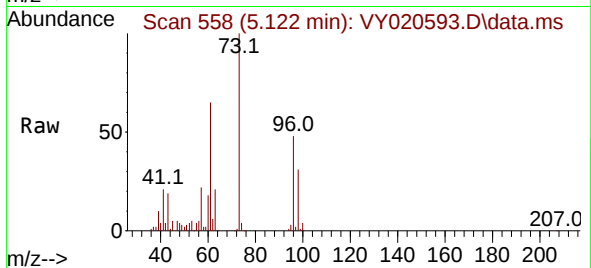
Tgt Ion: 84 Resp: 37127
Ion Ratio Lower Upper
84 100
49 127.1 104.7 157.1
51 41.2 33.4 50.0
86 59.1 52.2 78.2



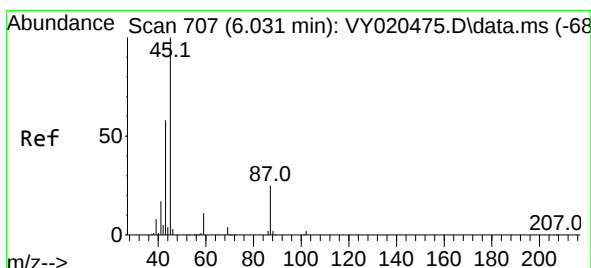
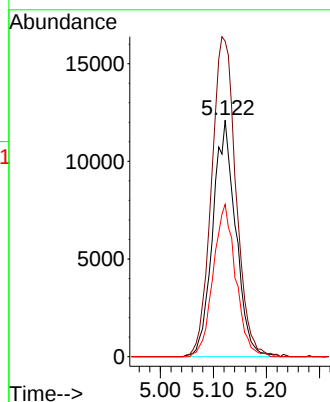
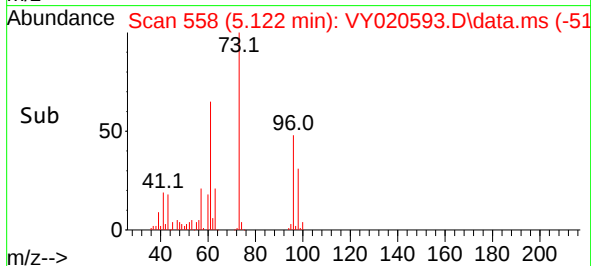


#21
trans-1,2-Dichloroethene
Concen: 18.416 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

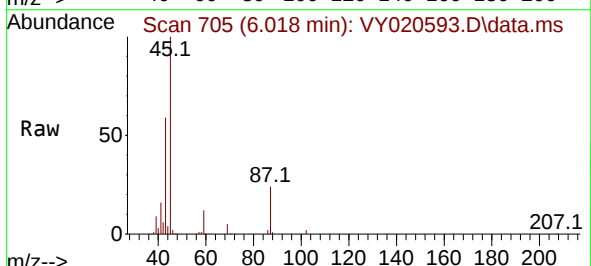
Instrument :
MSVOA_Y
ClientSampleId :



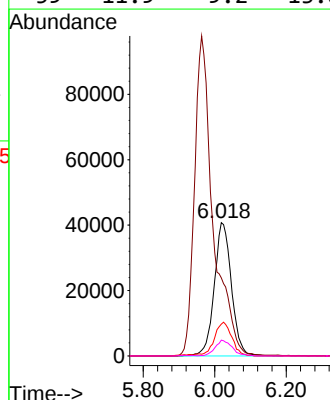
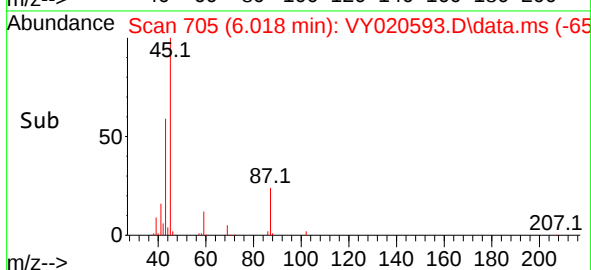
Tgt Ion: 96 Resp: 36294
Ion Ratio Lower Upper
96 100
61 133.5 111.6 167.4
98 64.4 46.7 70.1

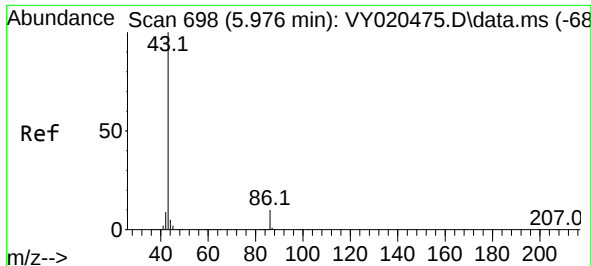


#22
Diisopropyl ether
Concen: 21.581 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46



Tgt Ion: 45 Resp: 135806
Ion Ratio Lower Upper
45 100
43 58.0 44.8 67.2
87 23.9 20.6 30.8
59 11.9 9.2 13.8

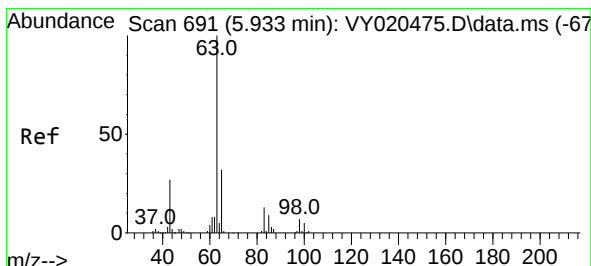
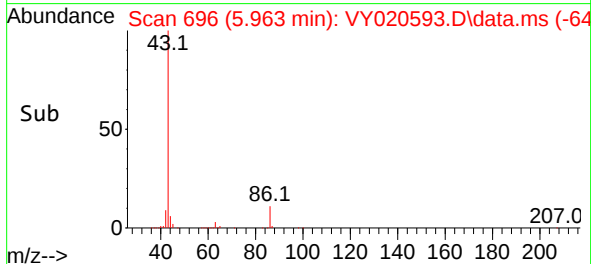
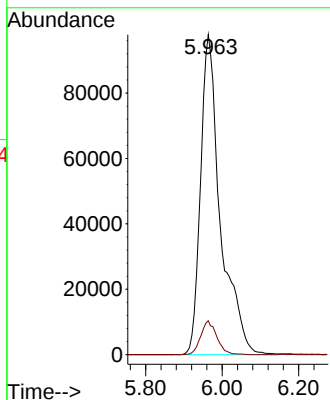
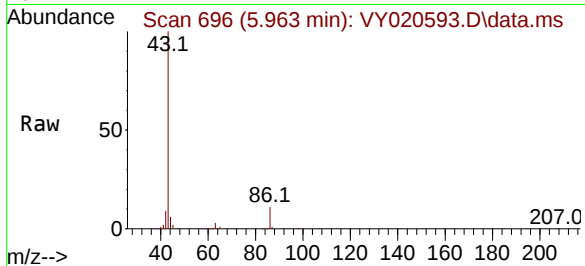




#23
 Vinyl Acetate
 Concen: 106.149 ug/l
 RT: 5.963 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY020593.D
 Acq: 12 Dec 2024 11:46

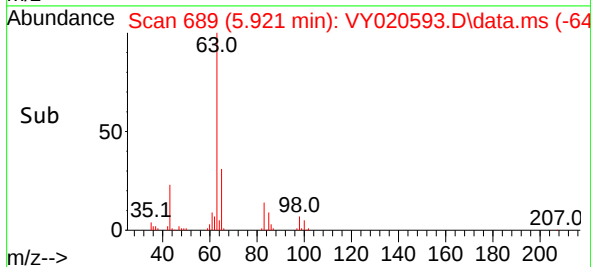
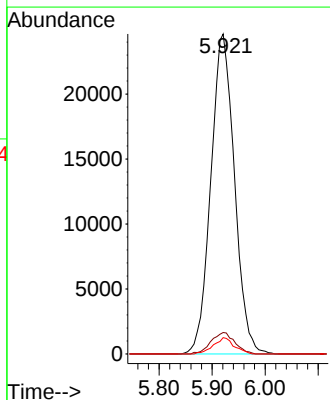
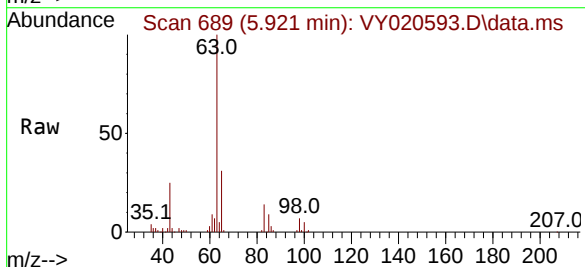
Instrument :
 MSVOA_Y
 ClientSampleId :

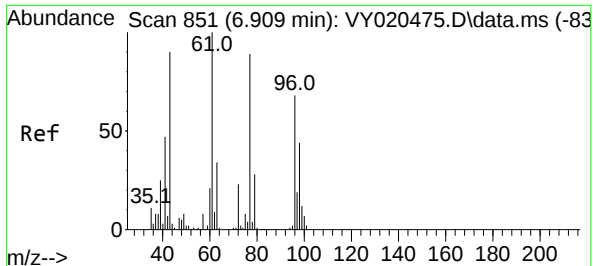
Tgt Ion: 43 Resp: 353315
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.135 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY020593.D
 Acq: 12 Dec 2024 11:46

Tgt Ion: 63 Resp: 76284
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 113.678 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

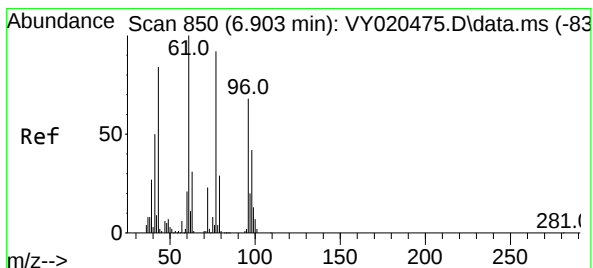
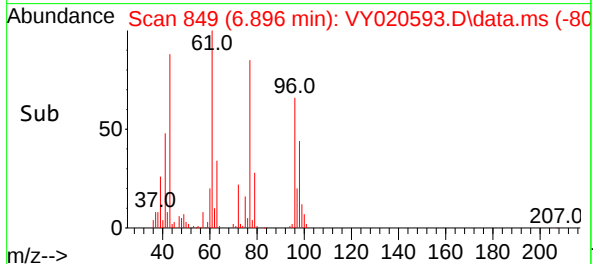
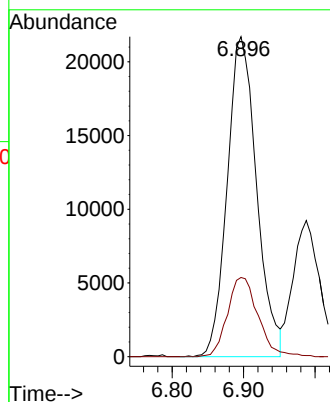
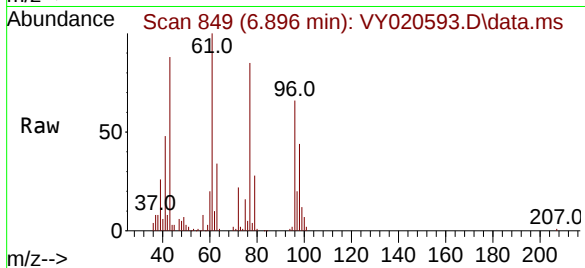
ClientSampleId :

Tgt Ion: 43 Resp: 62046

Ion Ratio Lower Upper

43 100

72 24.8 20.4 30.6



#26

2,2-Dichloropropane

Concen: 19.343 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY020593.D

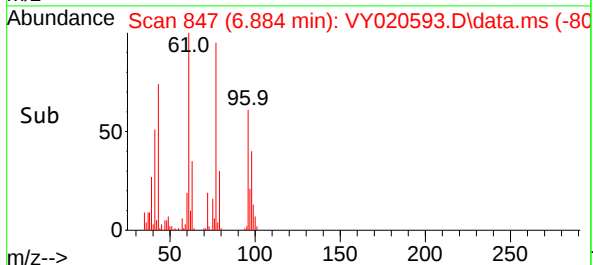
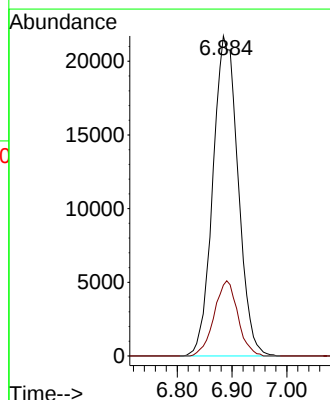
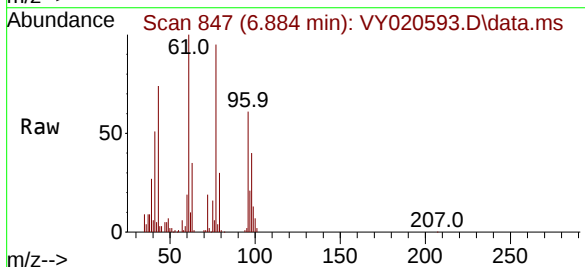
Acq: 12 Dec 2024 11:46

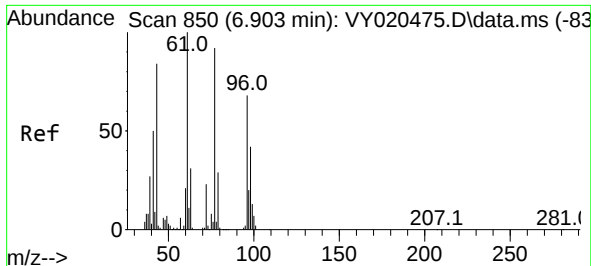
Tgt Ion: 77 Resp: 69312

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 19.703 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.006 min

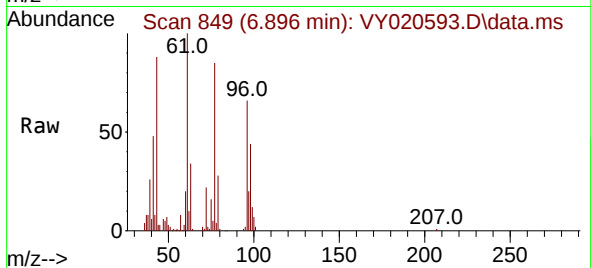
Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :



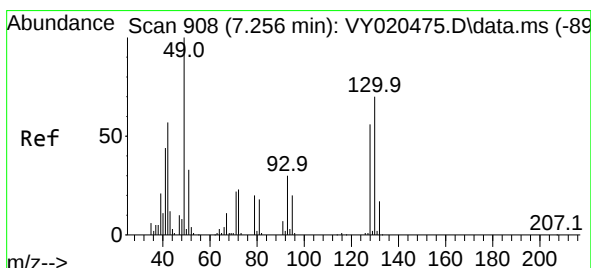
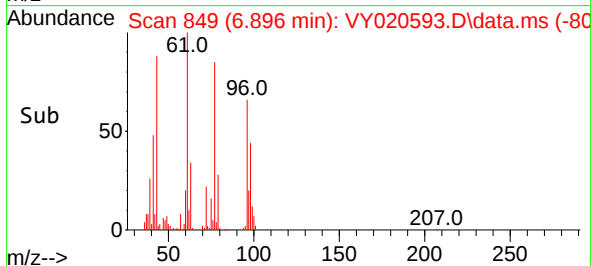
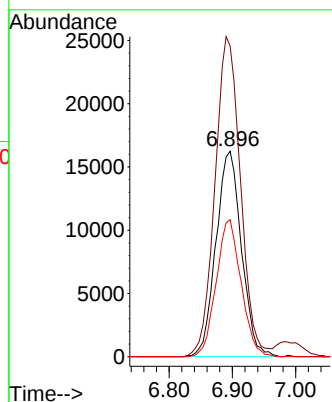
Tgt Ion: 96 Resp: 45340

Ion Ratio Lower Upper

96 100

61 156.3 0.0 312.4

98 65.1 0.0 126.8



#28

Bromochloromethane

Concen: 18.363 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

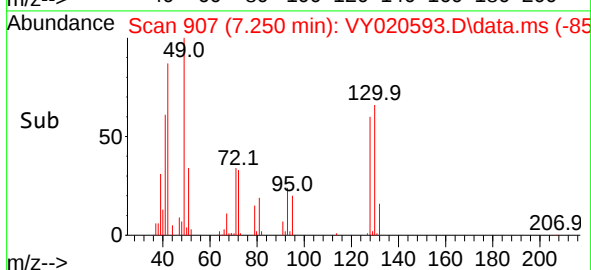
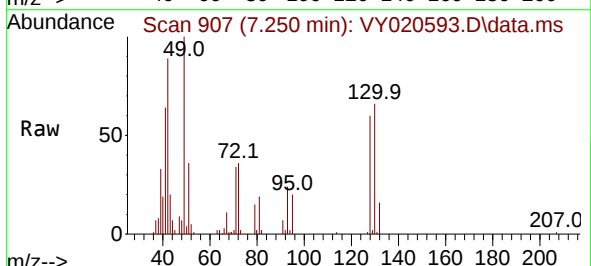
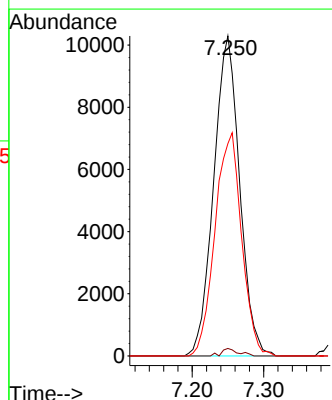
Tgt Ion: 49 Resp: 25980

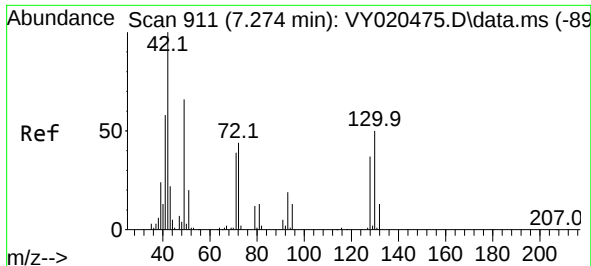
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

130 71.5 55.0 82.6





#29

Tetrahydrofuran

Concen: 112.453 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY020593.D

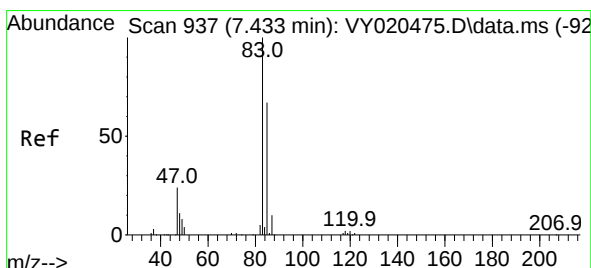
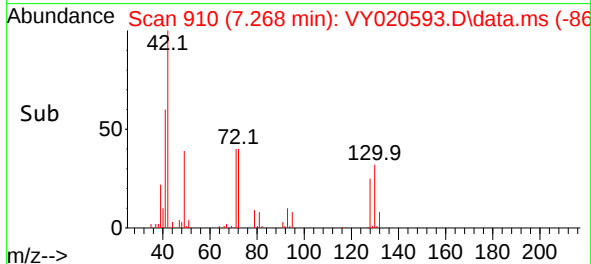
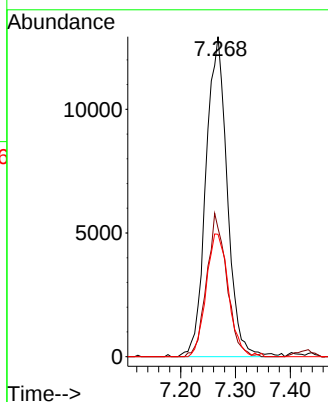
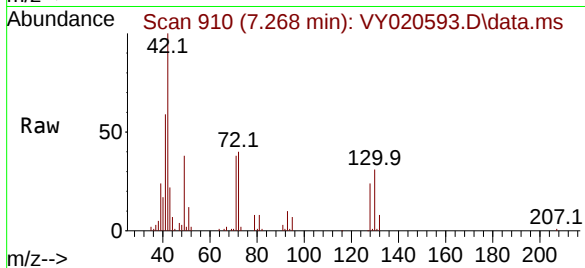
Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	35015
Ion Ratio	Lower	Upper	
42	100		
72	42.1	33.4	50.0
71	39.8	31.9	47.9



#30

Chloroform

Concen: 20.502 ug/l

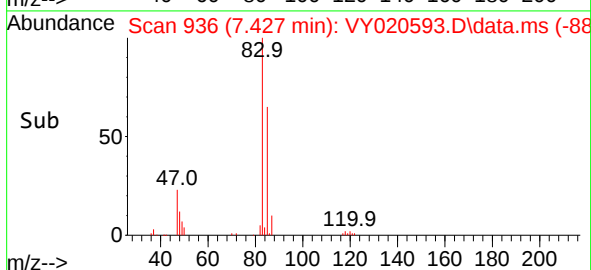
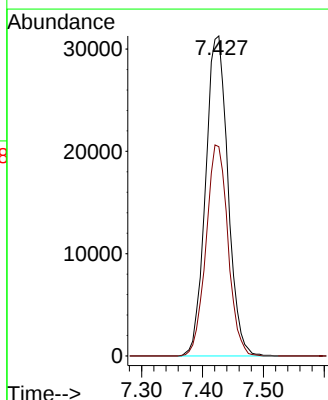
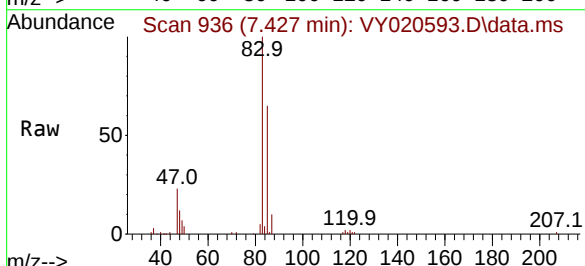
RT: 7.427 min Scan# 936

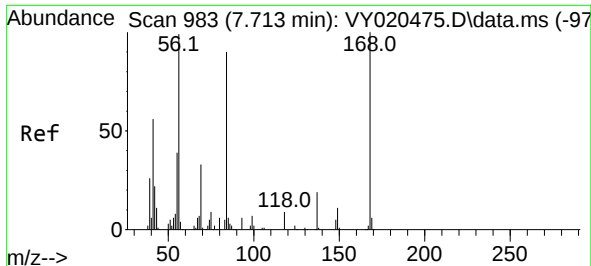
Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Tgt Ion:	83	Resp:	79716
Ion Ratio	Lower	Upper	
83	100		
85	65.4	50.3	75.5





#31

Cyclohexane

Concen: 17.795 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

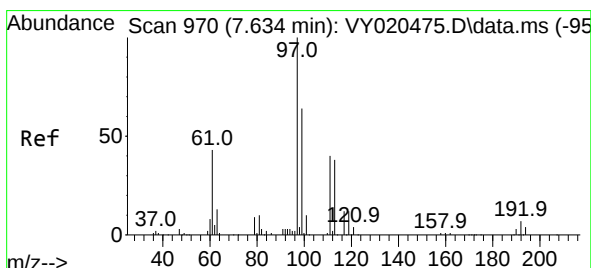
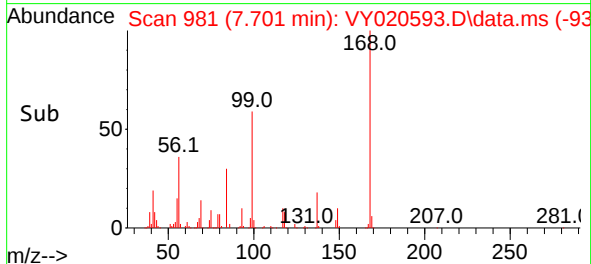
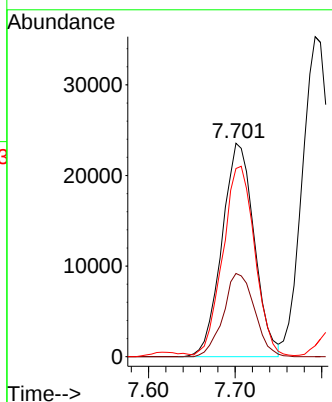
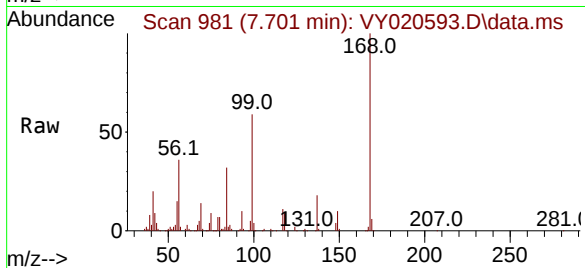
Tgt Ion: 56 Resp: 60950

Ion Ratio Lower Upper

56 100

69 39.0 25.3 37.9#

84 86.8 66.9 100.3



#32

1,1,1-Trichloroethane

Concen: 19.638 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

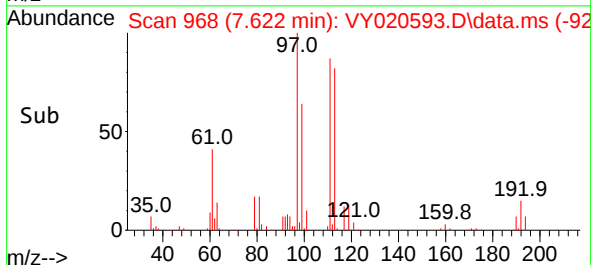
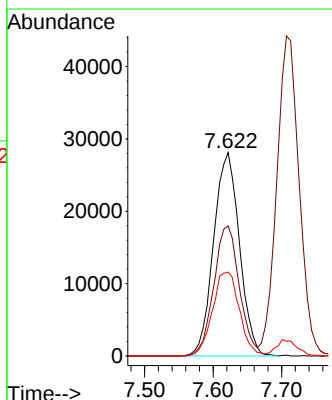
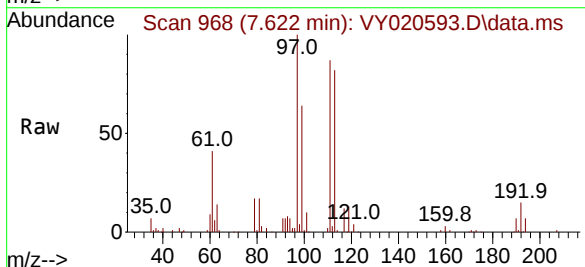
Tgt Ion: 97 Resp: 73524

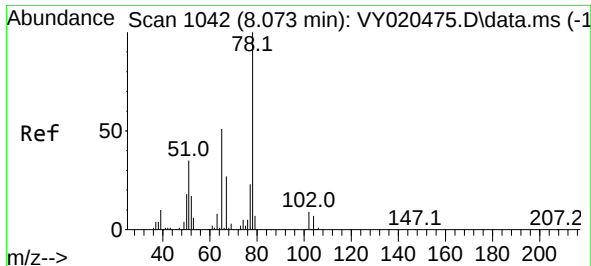
Ion Ratio Lower Upper

97 100

99 63.2 51.8 77.6

61 43.0 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 51.383 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

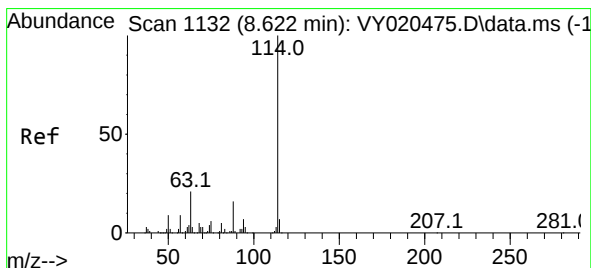
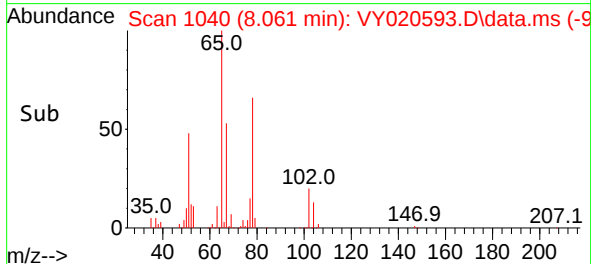
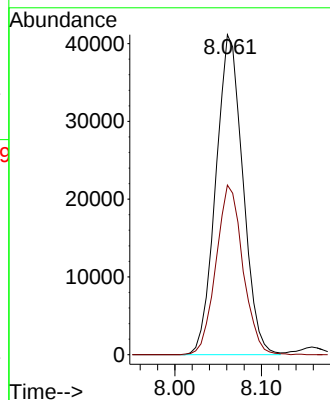
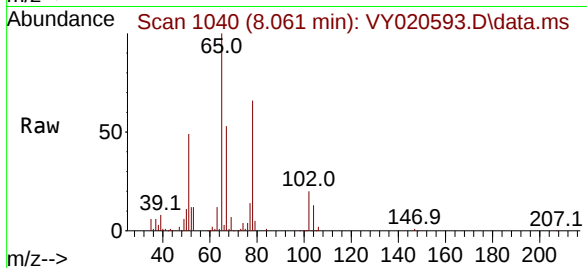
ClientSampleId :

Tgt Ion: 65 Resp: 89322

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

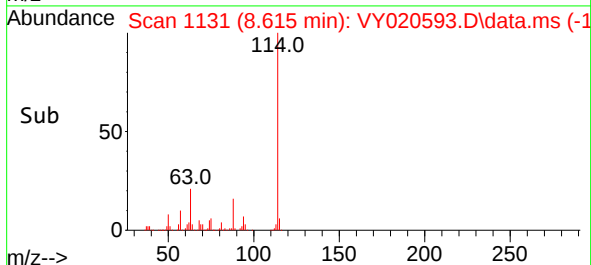
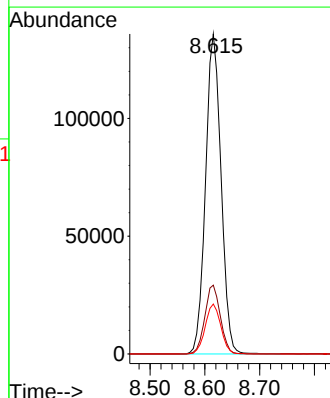
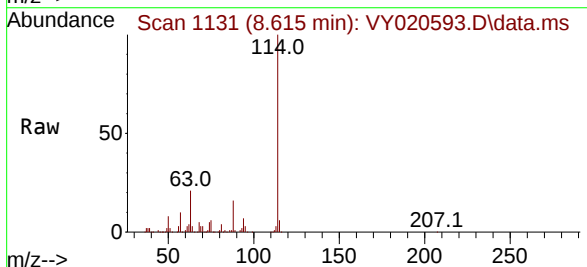
Tgt Ion: 114 Resp: 266083

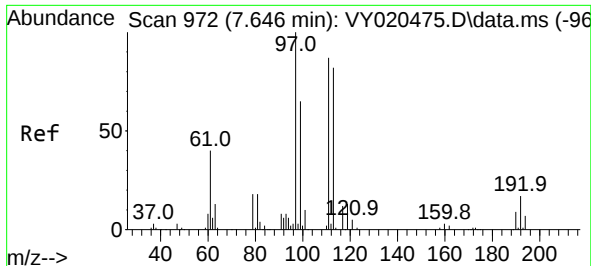
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

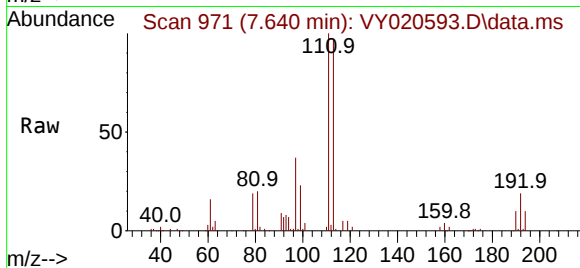
88 15.6 0.0 32.0



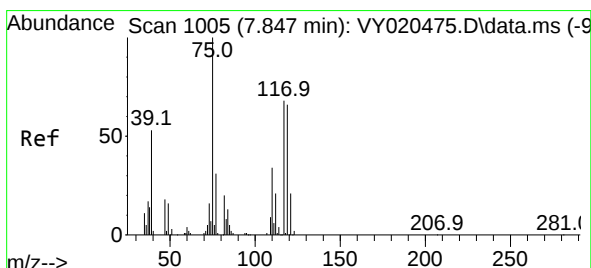
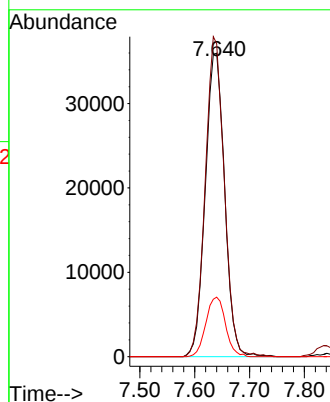
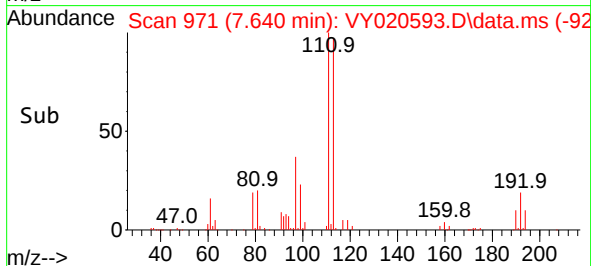


#35
Dibromofluoromethane
Concen: 52.702 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

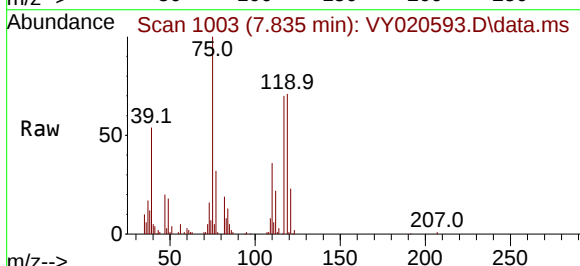
Instrument :
MSVOA_Y
ClientSampleId :



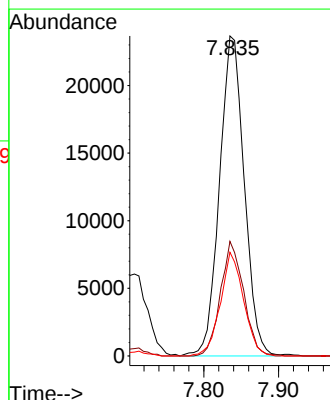
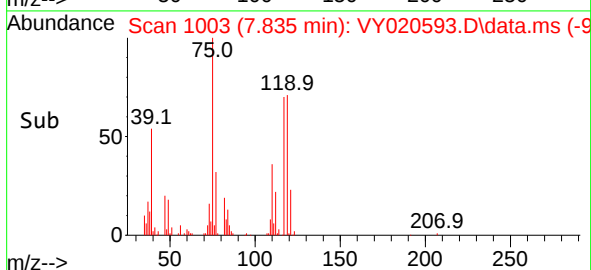
Tgt Ion:113 Resp: 88282
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 19.8 15.1 22.7

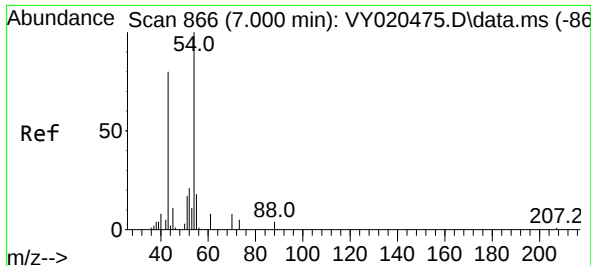


#36
1,1-Dichloropropene
Concen: 19.287 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46



Tgt Ion: 75 Resp: 54560
Ion Ratio Lower Upper
75 100
110 33.5 16.7 50.0
77 30.3 24.6 36.8

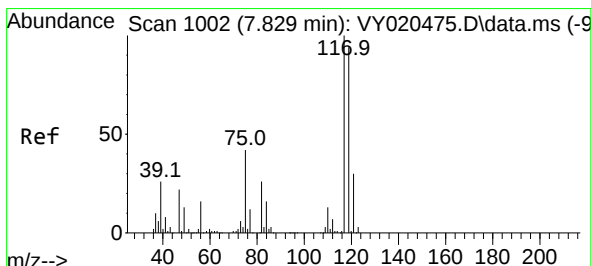
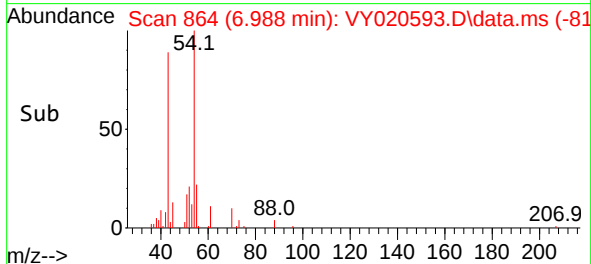
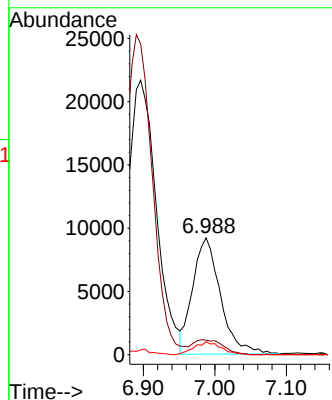
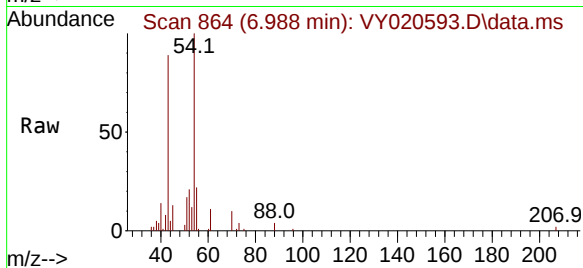




#37
Ethyl Acetate
Concen: 22.200 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

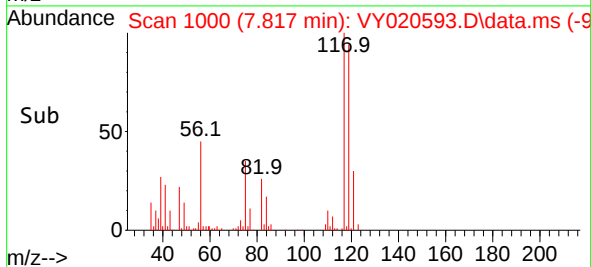
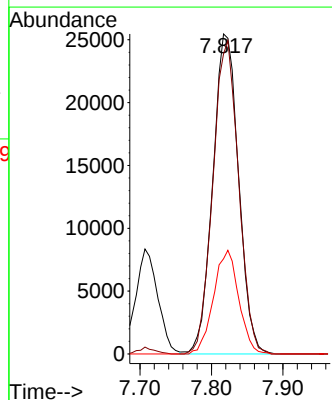
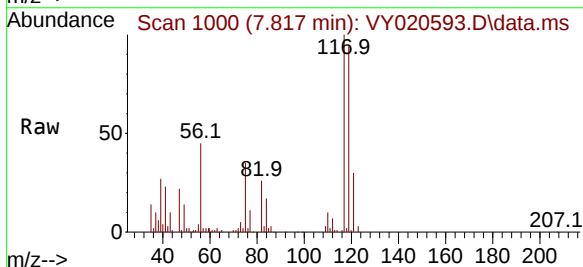
Instrument :
MSVOA_Y
ClientSampleId :

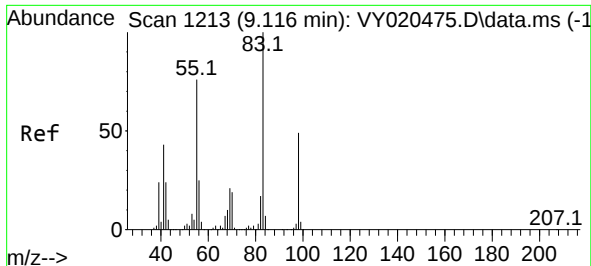
Tgt Ion: 43 Resp: 24879
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.5 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.900 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 117 Resp: 63809
Ion Ratio Lower Upper
117 100
119 93.8 77.8 116.6
121 29.7 24.6 37.0





#39

Methylcyclohexane

Concen: 18.361 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

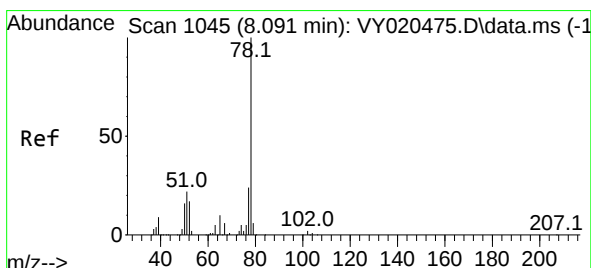
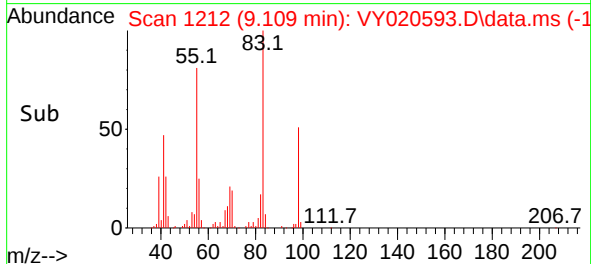
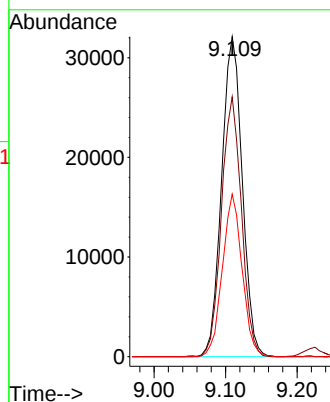
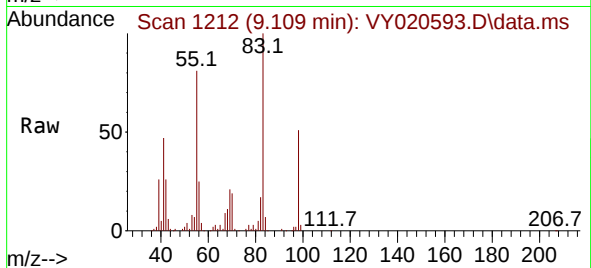
Tgt Ion: 83 Resp: 64450

Ion Ratio Lower Upper

83 100

55 81.2 62.6 93.8

98 50.8 37.0 55.4



#40

Benzene

Concen: 19.869 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY020593.D

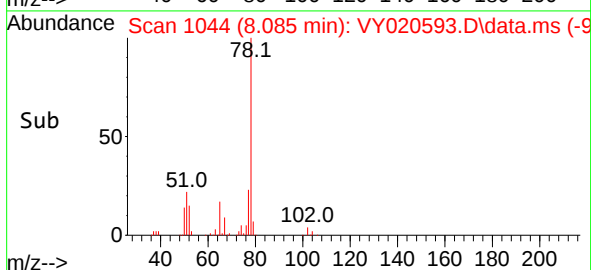
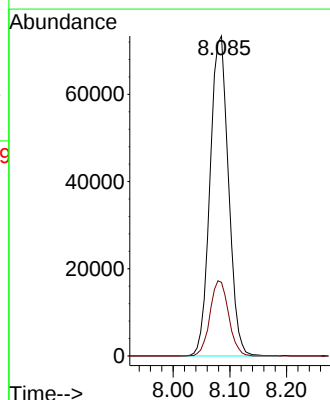
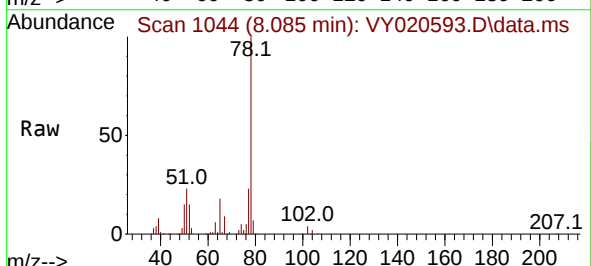
Acq: 12 Dec 2024 11:46

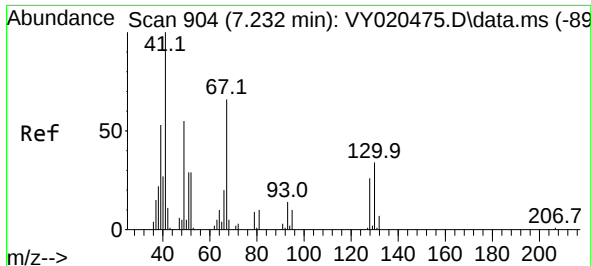
Tgt Ion: 78 Resp: 165716

Ion Ratio Lower Upper

78 100

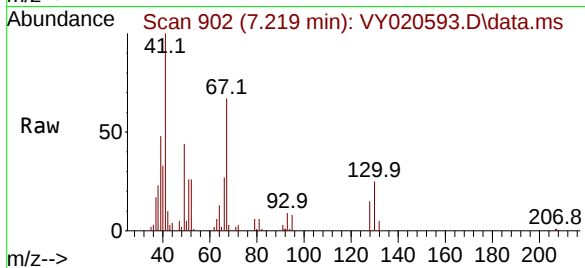
77 23.0 19.4 29.0



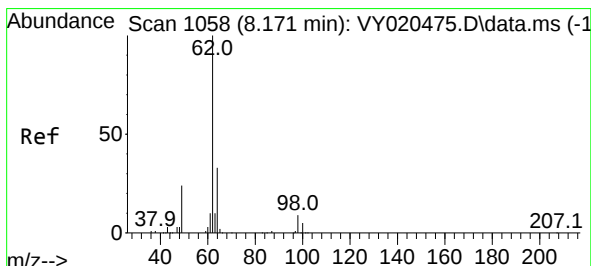
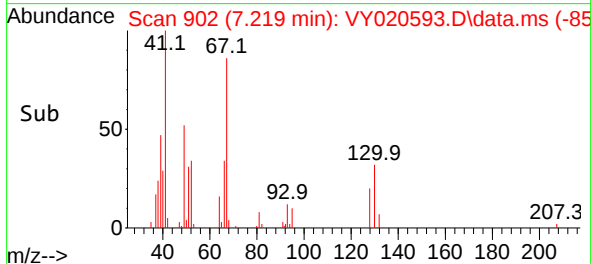
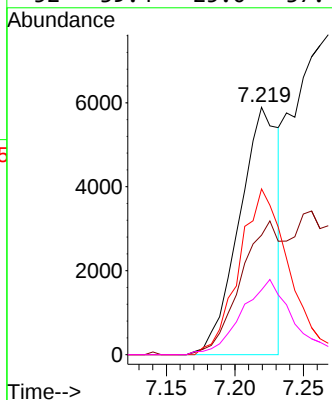


#41
Methacrylonitrile
Concen: 18.457 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Instrument :
MSVOA_Y
ClientSampleId :

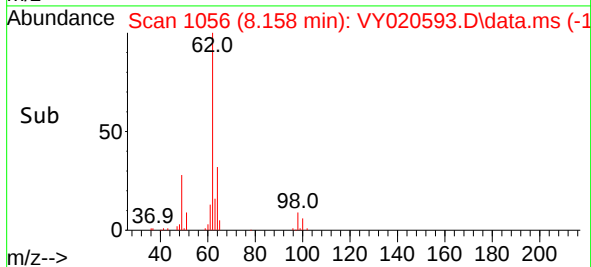
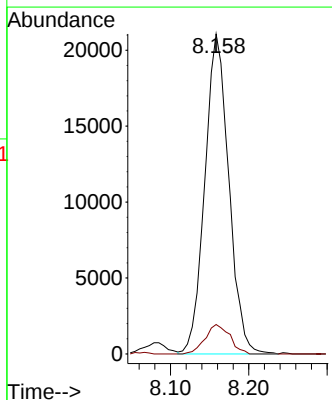
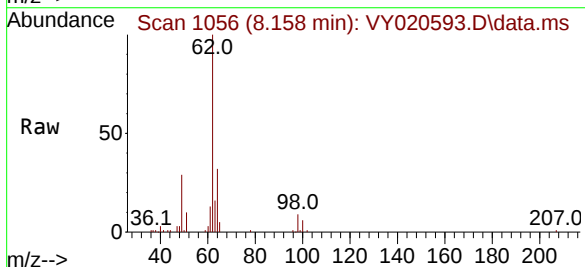


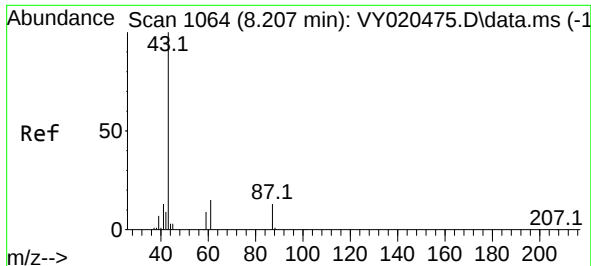
Tgt Ion: 41	Resp: 11759
Ion Ratio	Lower Upper
41 100	
39 60.9	49.0 73.4
67 85.3	57.1 85.7
52 39.4	25.0 37.4#



#42
1,2-Dichloroethane
Concen: 20.462 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 62	Resp: 44844
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.0

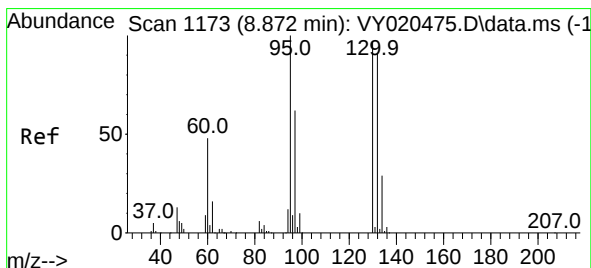
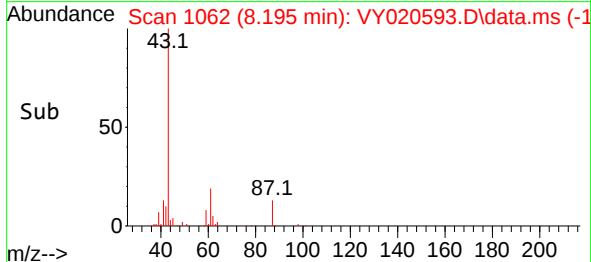
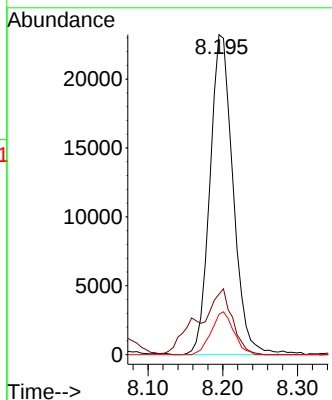
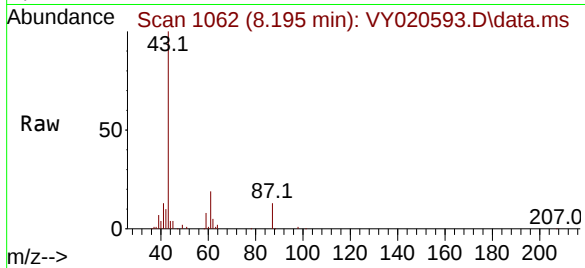




#43
Isopropyl Acetate
Concen: 22.044 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

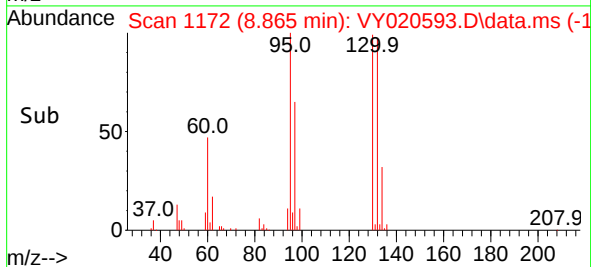
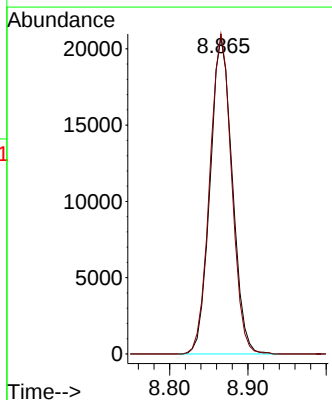
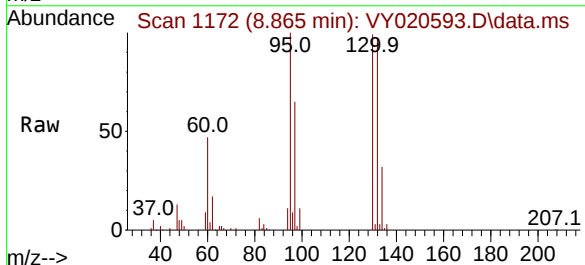
Instrument :
MSVOA_Y
ClientSampleId :

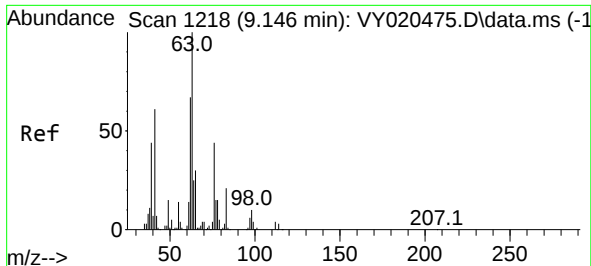
Tgt Ion: 43 Resp: 49887
Ion Ratio Lower Upper
43 100
61 20.4 22.8 34.2#
87 13.0 9.6 14.4



#44
Trichloroethene
Concen: 19.826 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion:130 Resp: 40763
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.8





#45

1,2-Dichloropropane

Concen: 21.057 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

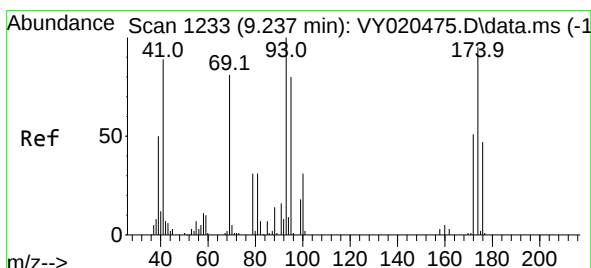
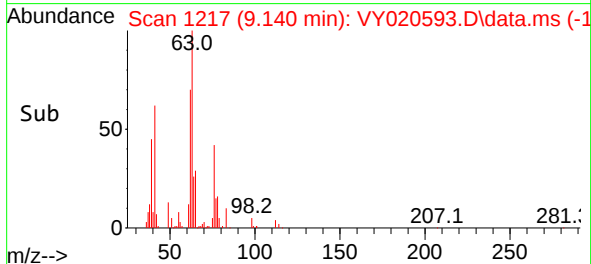
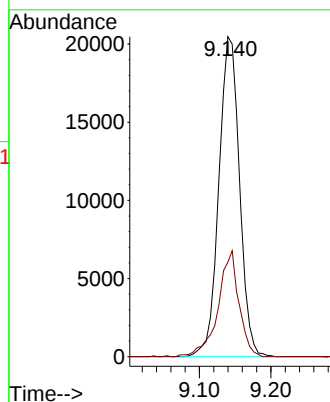
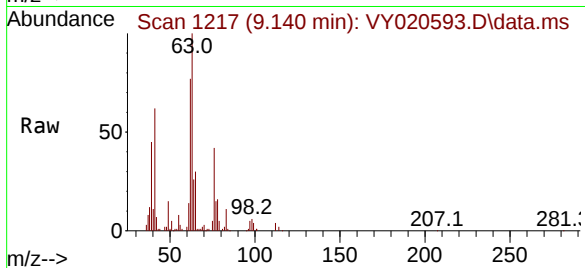
ClientSampleId :

Tgt Ion: 63 Resp: 41098

Ion Ratio Lower Upper

63 100

65 29.5 24.2 36.4



#46

Dibromomethane

Concen: 20.793 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

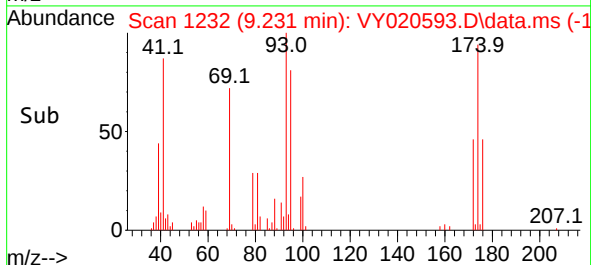
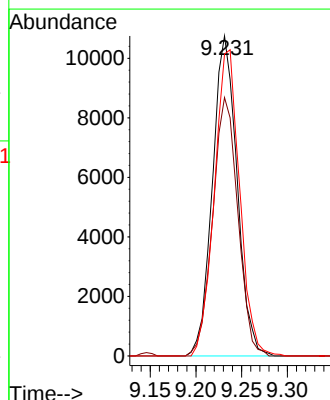
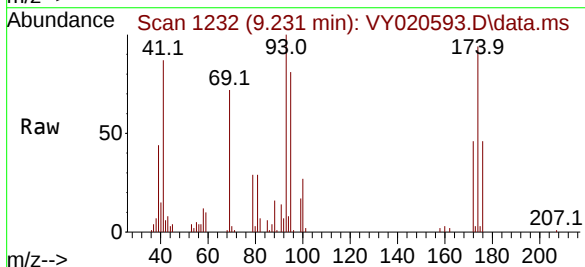
Tgt Ion: 93 Resp: 20093

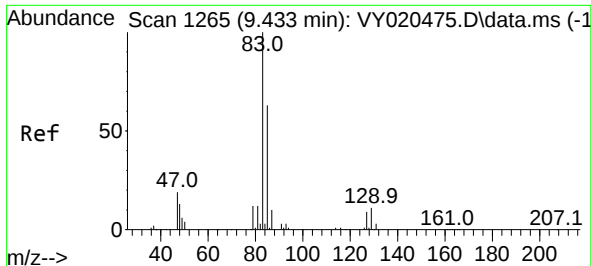
Ion Ratio Lower Upper

93 100

95 82.4 65.3 97.9

174 98.6 74.4 111.6

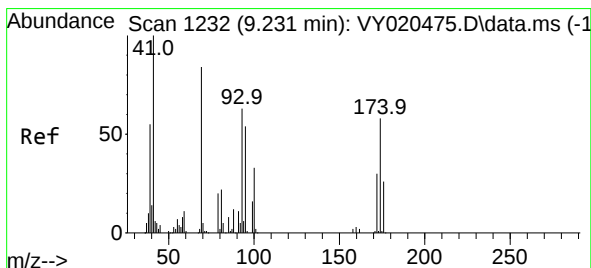
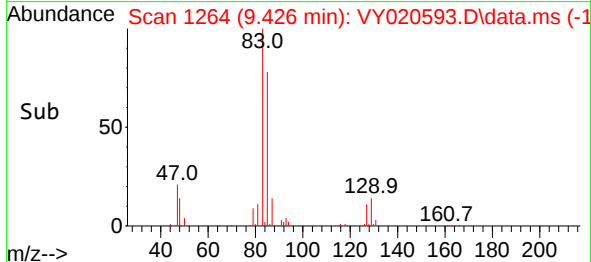
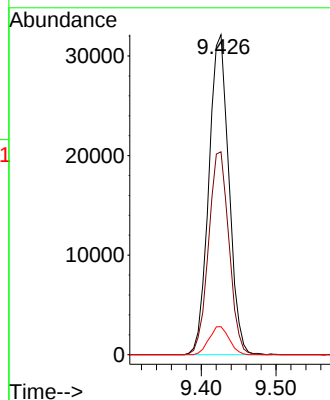
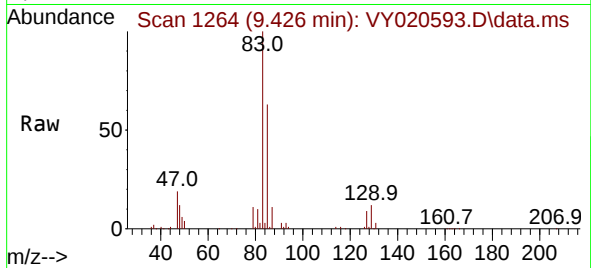




#47
Bromodichloromethane
Concen: 21.011 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

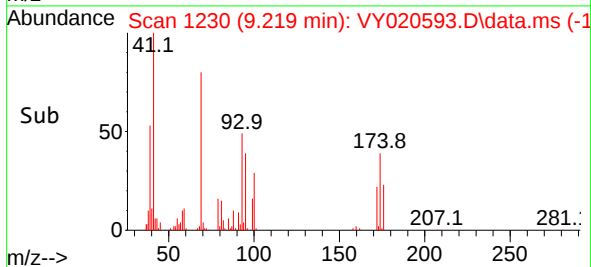
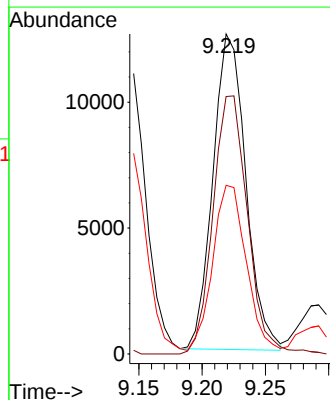
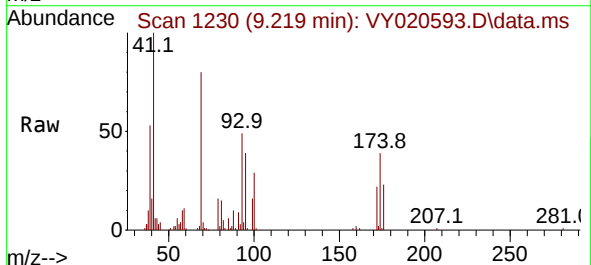
Instrument :
MSVOA_Y
ClientSampleId :

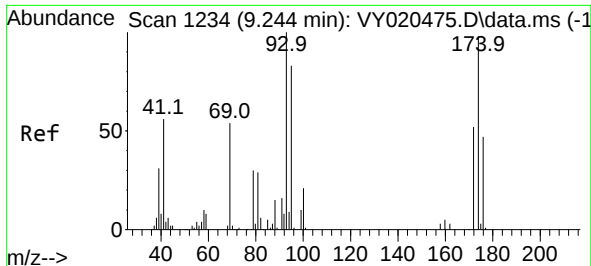
Tgt Ion: 83 Resp: 59821
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 21.490 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

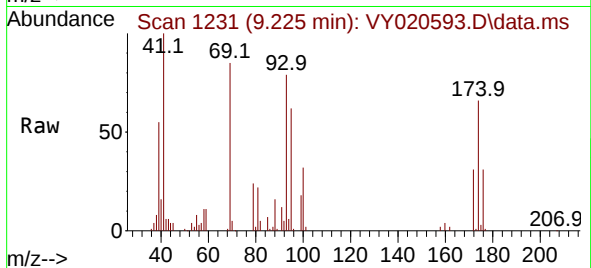
Tgt Ion: 41 Resp: 22678
Ion Ratio Lower Upper
41 100
69 85.9 66.1 99.1
39 53.4 46.0 69.0



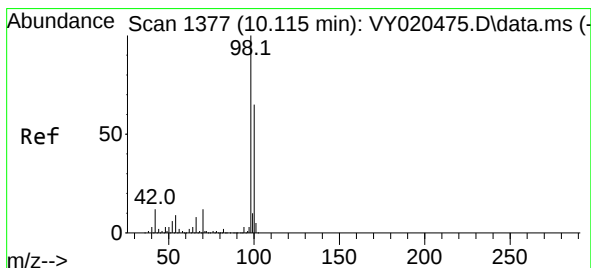
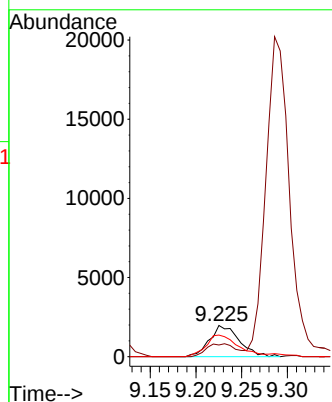
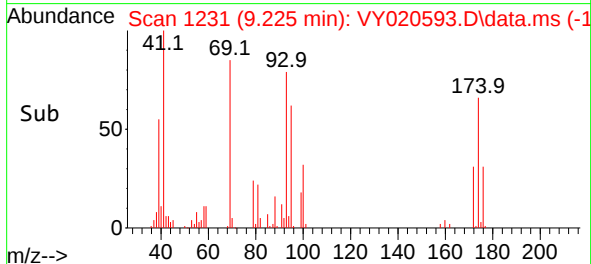


#49
1,4-Dioxane
Concen: 483.283 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Instrument :
MSVOA_Y
ClientSampleId :

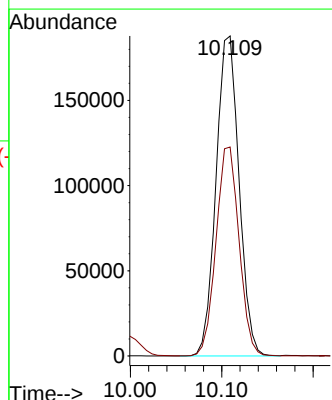
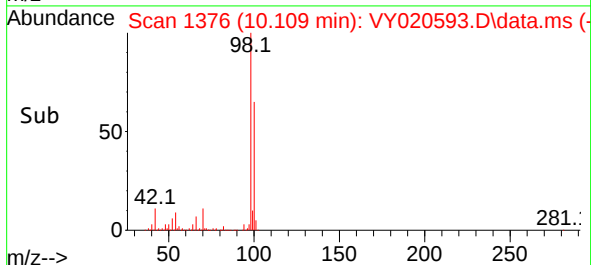
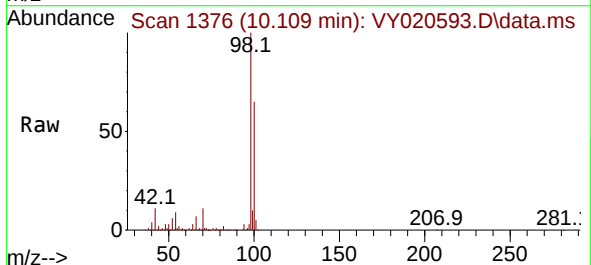


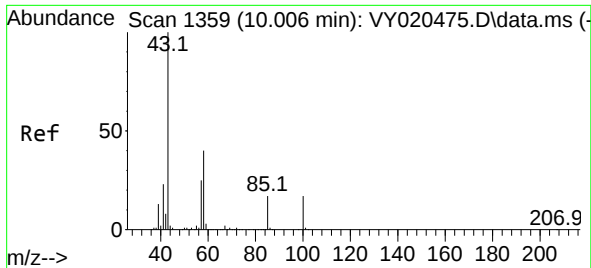
Tgt Ion: 88 Resp: 4464
Ion Ratio Lower Upper
88 100
43 43.2 24.6 37.0#
58 80.5 59.6 89.4



#50
Toluene-d8
Concen: 51.523 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 98 Resp: 328645
Ion Ratio Lower Upper
98 100
100 65.4 51.3 76.9

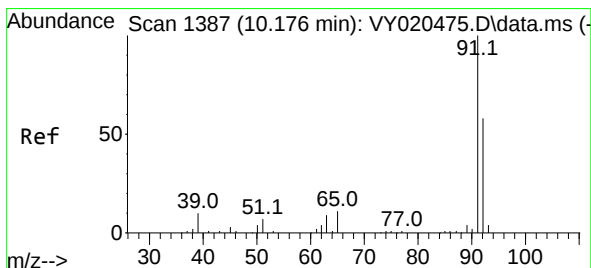
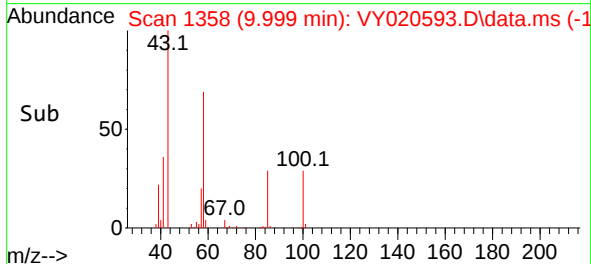
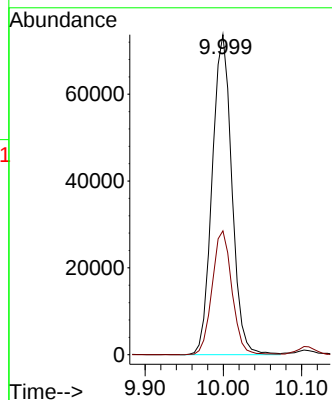
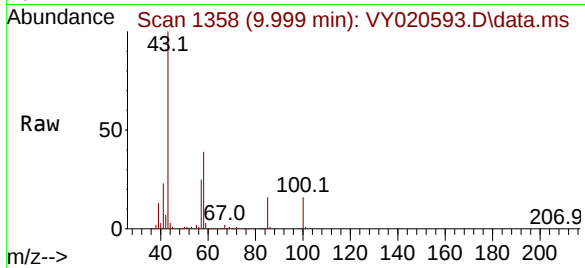




#51
4-Methyl-2-Pentanone
Concen: 115.001 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

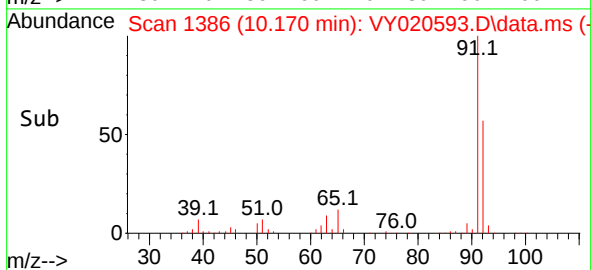
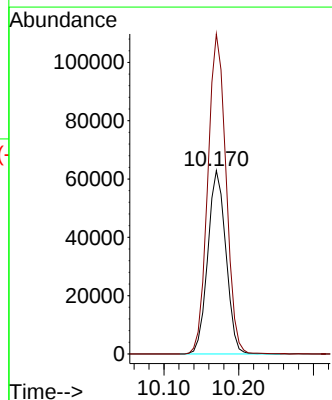
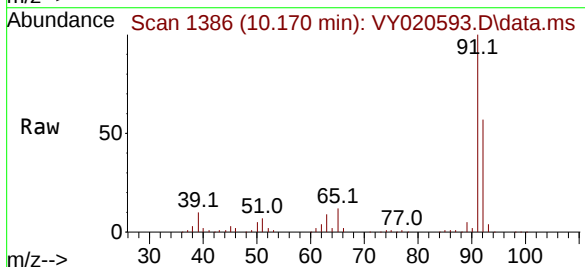
Instrument :
MSVOA_Y
ClientSampleId :

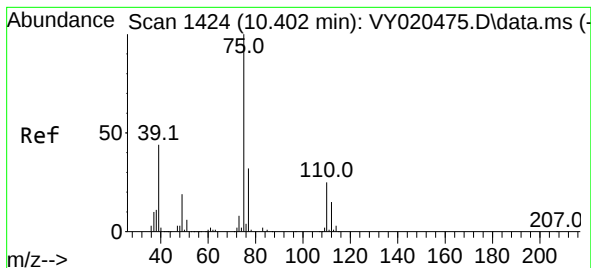
Tgt Ion: 43 Resp: 128524
Ion Ratio Lower Upper
43 100
58 39.0 30.9 46.3



#52
Toluene
Concen: 20.306 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 92 Resp: 105666
Ion Ratio Lower Upper
92 100
91 175.8 139.7 209.5

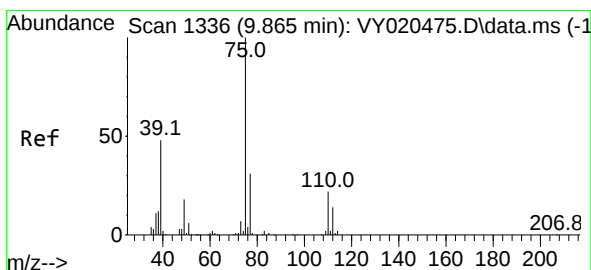
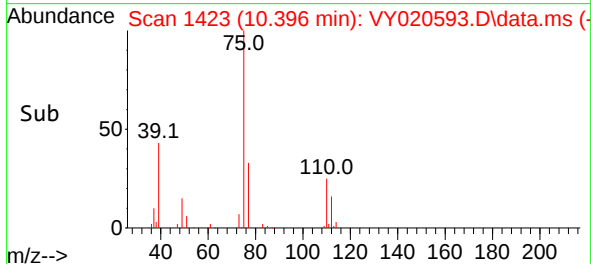
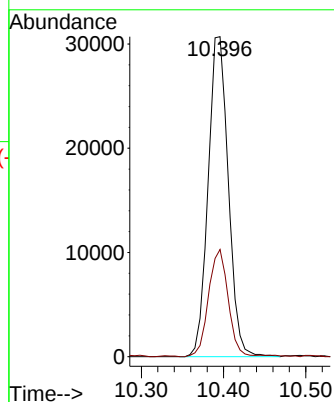
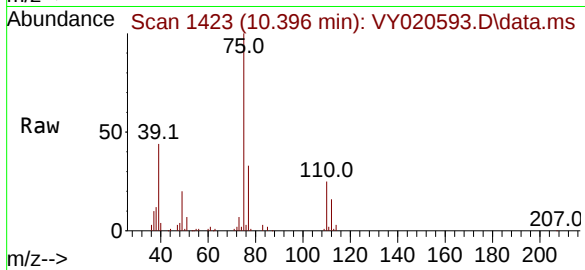




#53
t-1,3-Dichloropropene
Concen: 20.508 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

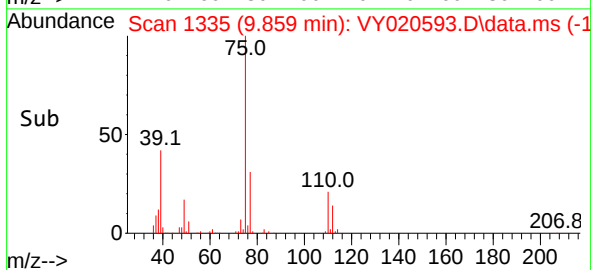
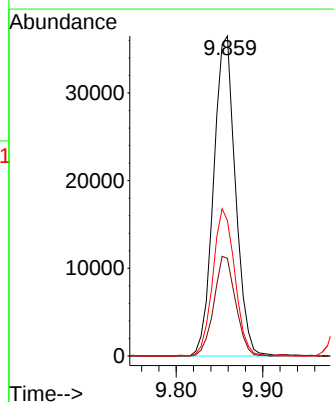
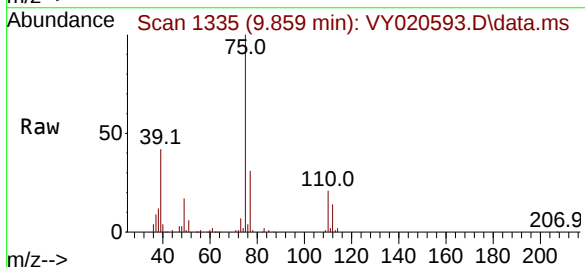
Instrument :
MSVOA_Y
ClientSampleId :

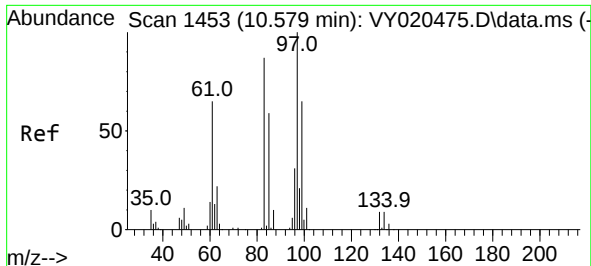
Tgt Ion: 75 Resp: 52420
Ion Ratio Lower Upper
75 100
77 33.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 21.179 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 75 Resp: 63976
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4
39 42.1 41.0 61.6

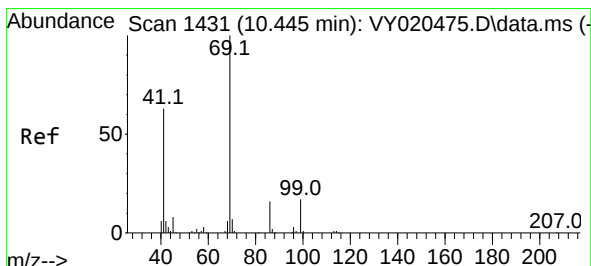
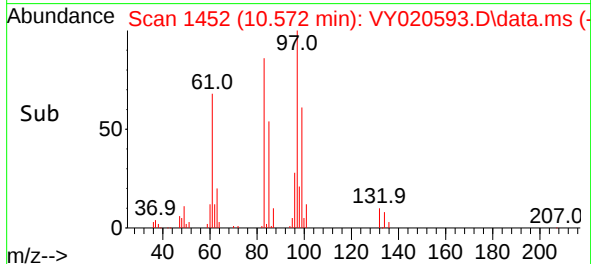
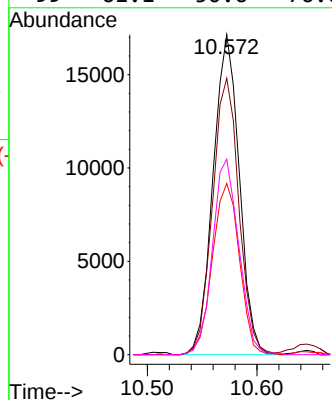
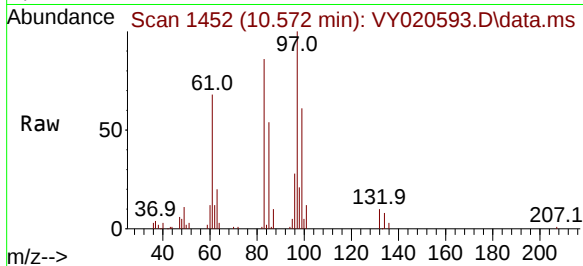




#55
1,1,2-Trichloroethane
Concen: 22.051 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

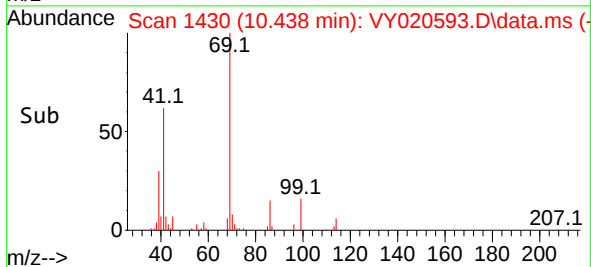
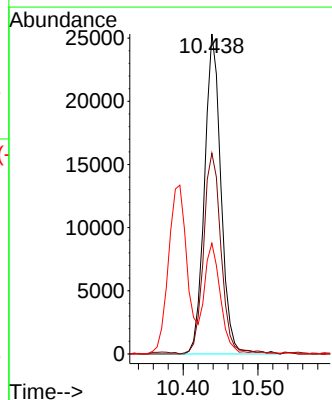
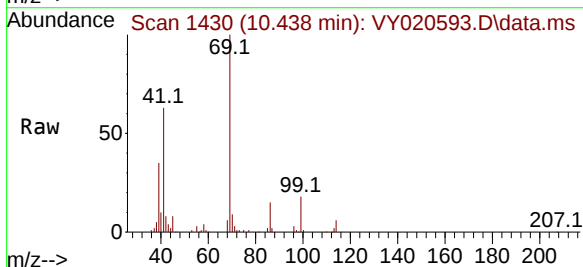
Instrument :
MSVOA_Y
ClientSampleId :

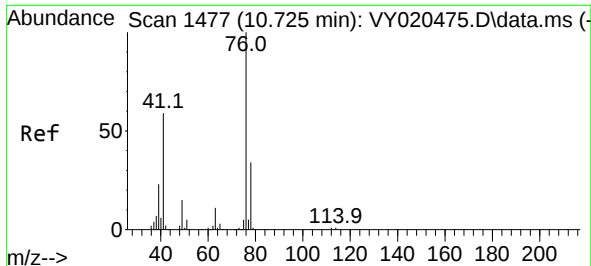
Tgt Ion: 97	Resp: 28425
Ion Ratio	Lower Upper
97 100	
83 86.3	70.8 106.2
85 53.5	44.9 67.3
99 61.1	50.6 76.0



#56
Ethyl methacrylate
Concen: 21.195 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 69	Resp: 38658
Ion Ratio	Lower Upper
69 100	
41 67.1	56.1 84.1
39 33.3	29.7 44.5





#57

1,3-Dichloropropane

Concen: 21.878 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

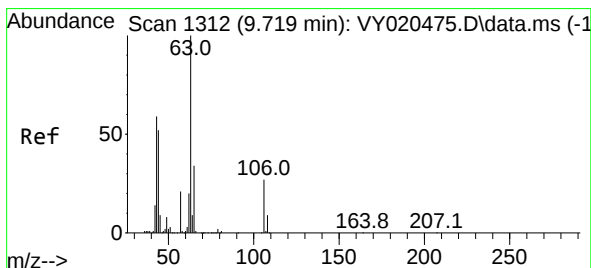
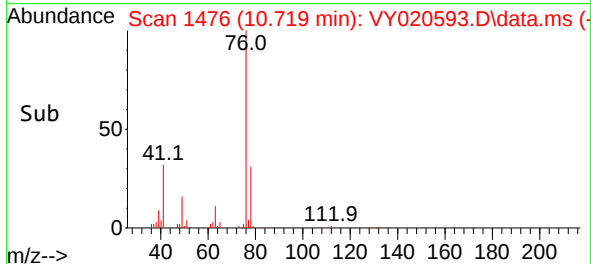
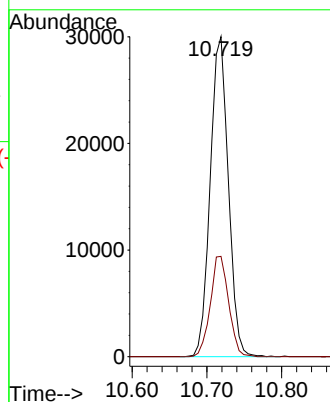
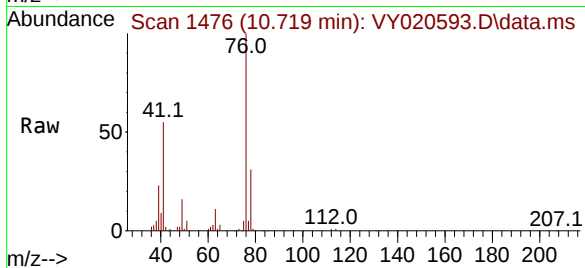
ClientSampleId :

Tgt Ion: 76 Resp: 50502

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 105.263 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020593.D

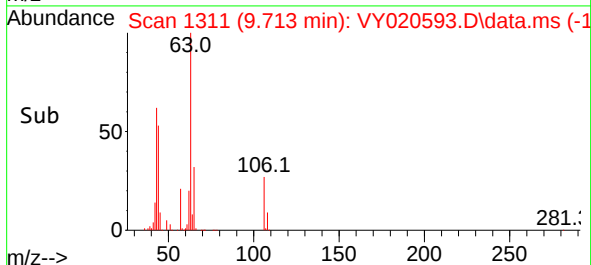
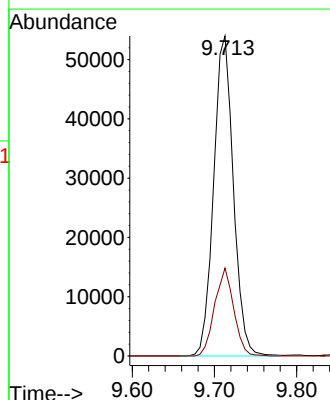
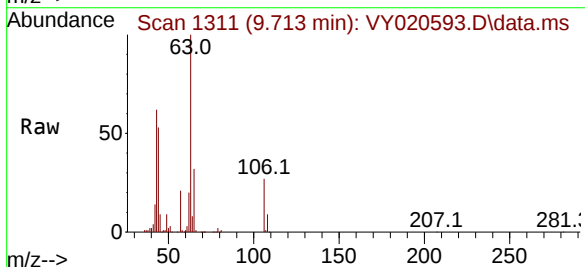
Acq: 12 Dec 2024 11:46

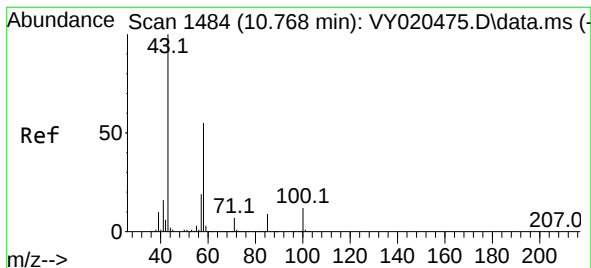
Tgt Ion: 63 Resp: 89893

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4

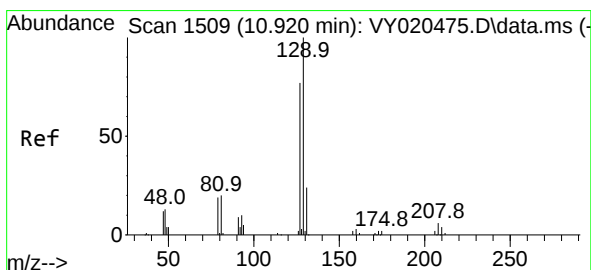
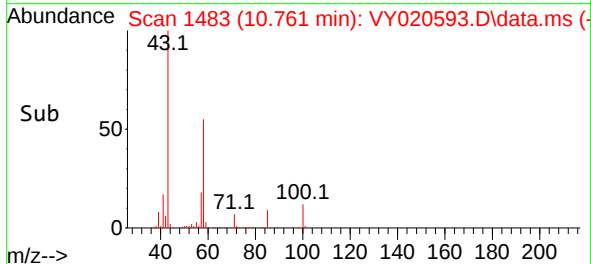
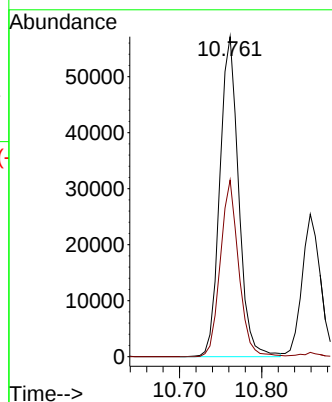
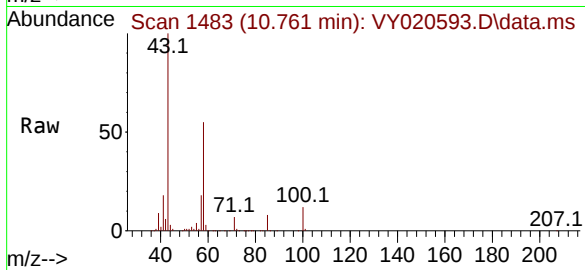




#59
2-Hexanone
Concen: 112.787 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

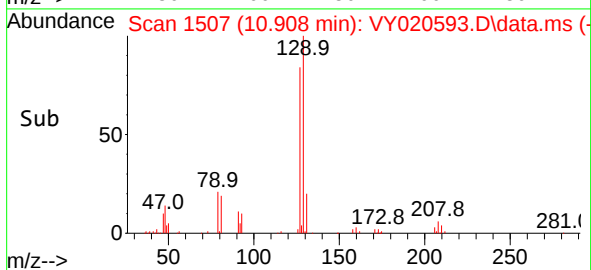
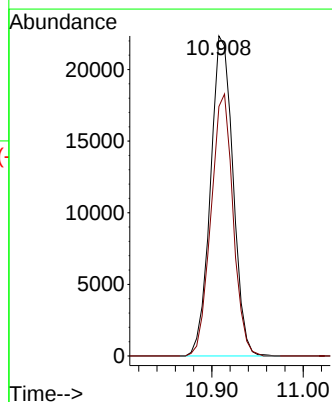
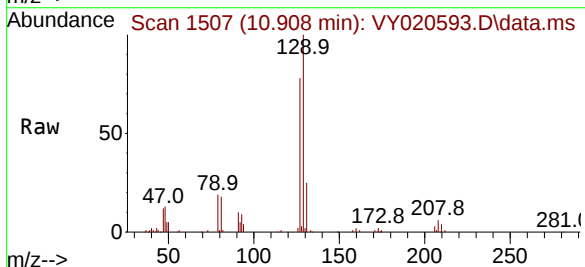
Instrument :
MSVOA_Y
ClientSampleId :

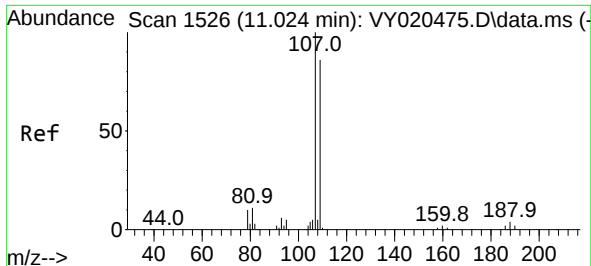
Tgt Ion: 43 Resp: 90933
Ion Ratio Lower Upper
43 100
58 53.8 26.4 79.2



#60
Dibromochloromethane
Concen: 21.296 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 129 Resp: 38220
Ion Ratio Lower Upper
129 100
127 80.1 38.3 114.9

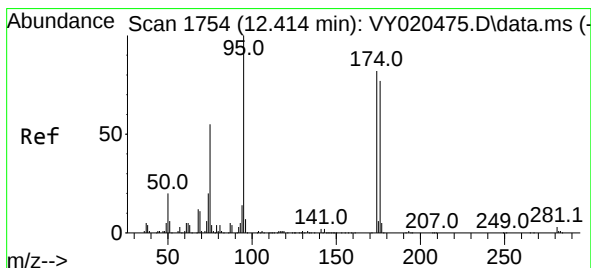
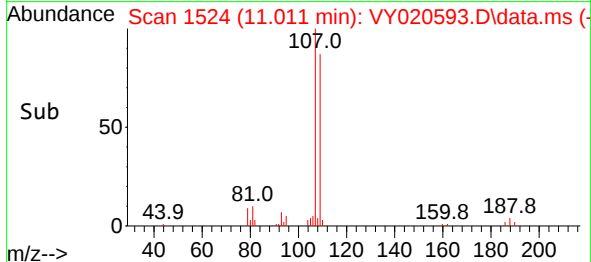
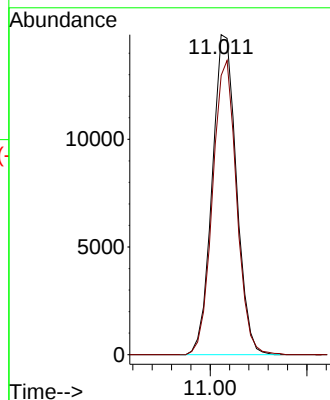
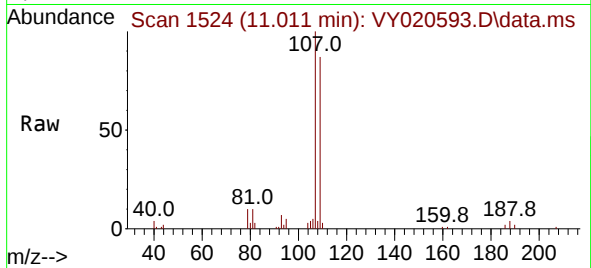




#61
1,2-Dibromoethane
Concen: 21.866 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.012 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

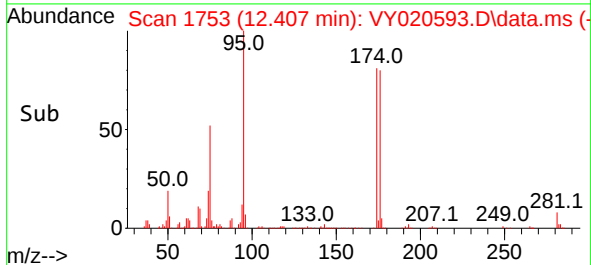
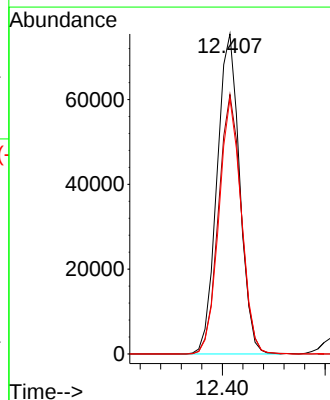
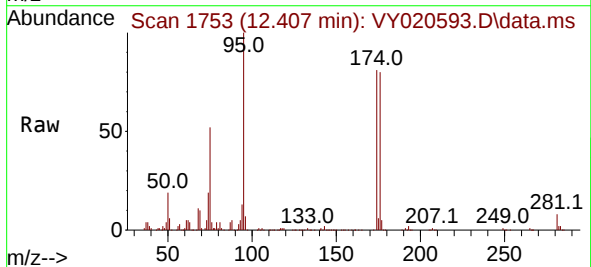
Instrument :
MSVOA_Y
ClientSampleId :

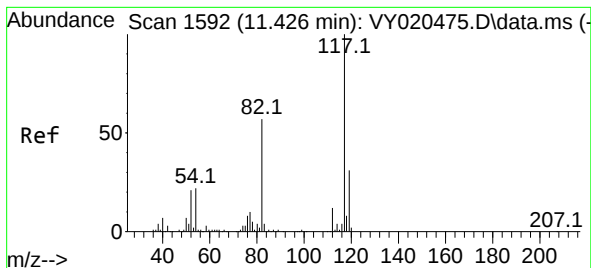
Tgt Ion:107 Resp: 25776
Ion Ratio Lower Upper
107 100
109 91.0 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 51.573 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 95 Resp: 115053
Ion Ratio Lower Upper
95 100
174 81.4 0.0 156.8
176 78.9 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

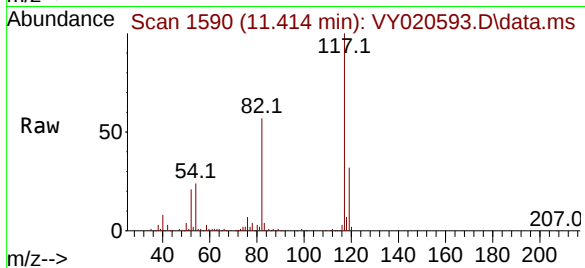
Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :



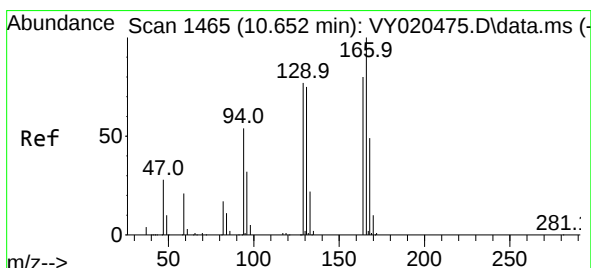
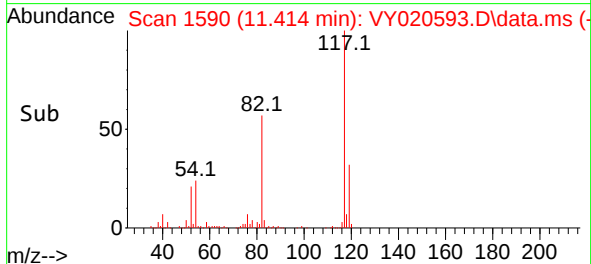
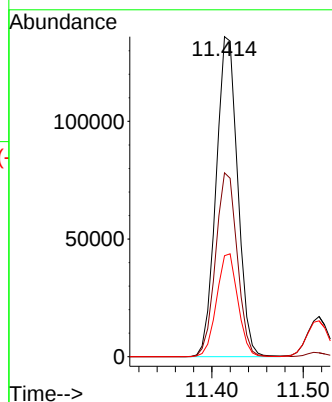
Tgt Ion:117 Resp: 223037

Ion Ratio Lower Upper

117 100

82 57.5 48.2 72.4

119 31.6 25.8 38.8



#64

Tetrachloroethene

Concen: 19.602 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Tgt Ion:164 Resp: 36942

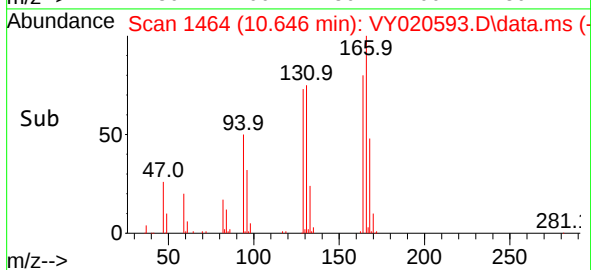
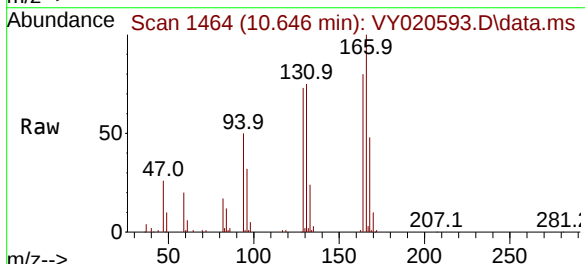
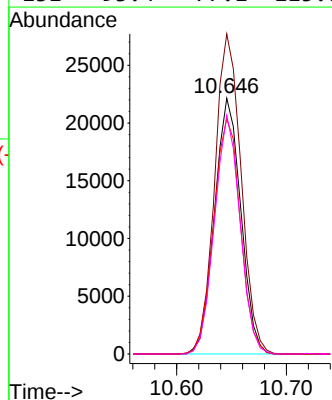
Ion Ratio Lower Upper

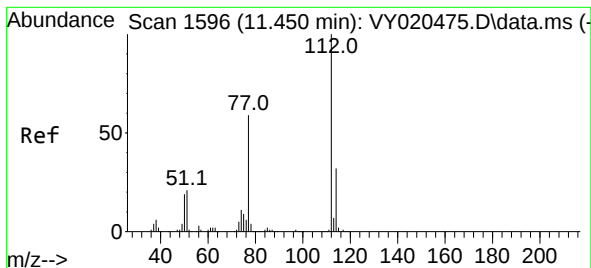
164 100

166 125.1 103.8 155.8

129 92.0 79.0 118.4

131 93.4 77.1 115.7





#65

Chlorobenzene

Concen: 20.088 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.012 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

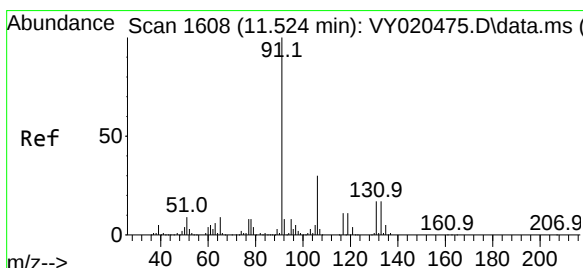
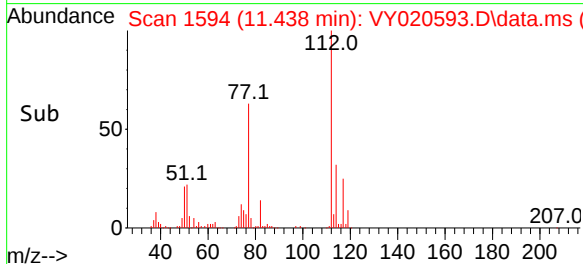
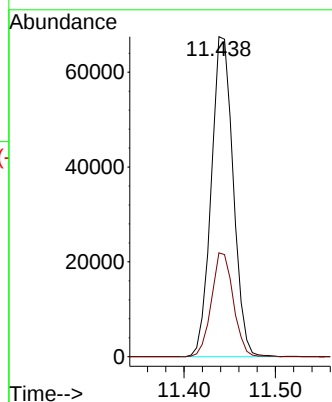
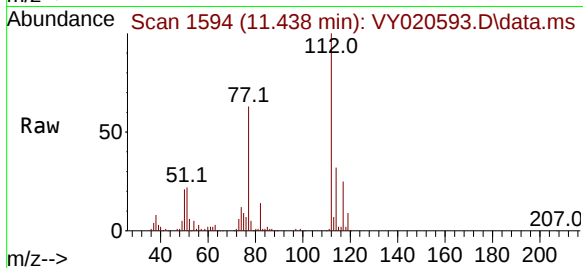
ClientSampleId :

Tgt Ion:112 Resp: 112301

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.575 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

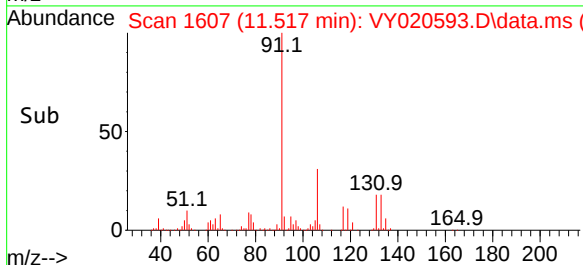
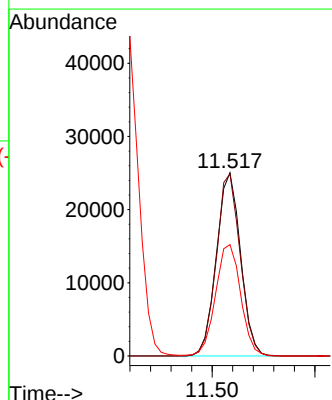
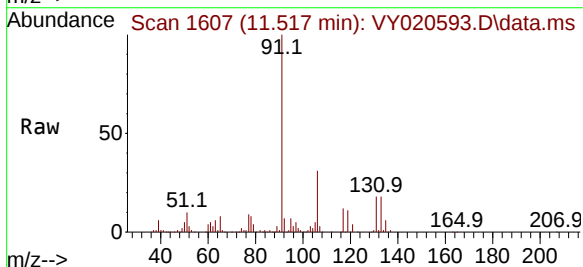
Tgt Ion:131 Resp: 40792

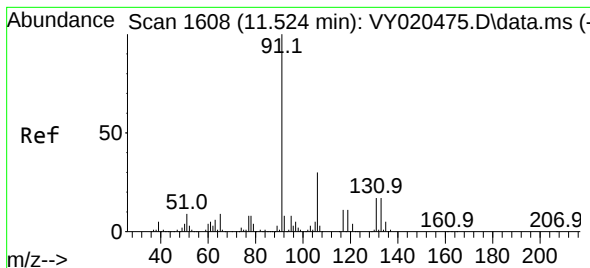
Ion Ratio Lower Upper

131 100

133 98.1 47.8 143.3

119 63.4 32.5 97.5





#67

Ethyl Benzene

Concen: 20.073 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

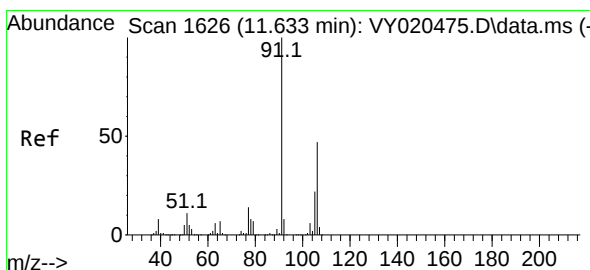
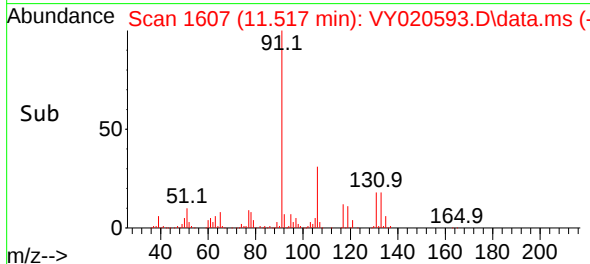
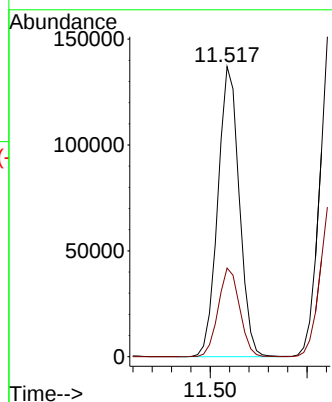
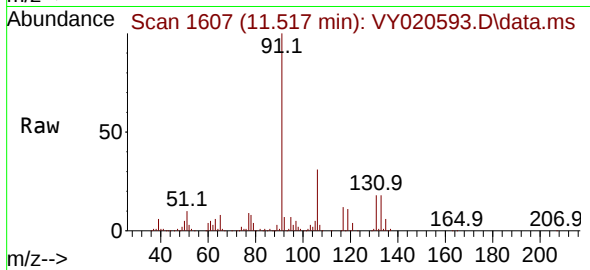
ClientSampleId :

Tgt Ion: 91 Resp: 210350

Ion Ratio Lower Upper

91 100

106 30.6 23.9 35.9



#68

m/p-Xylenes

Concen: 40.026 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020593.D

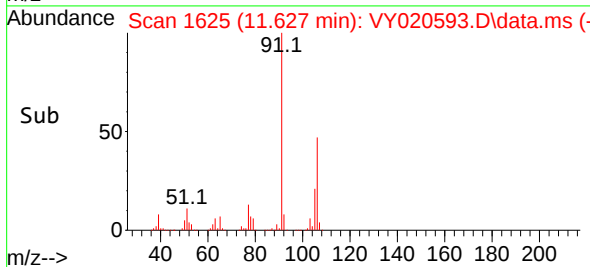
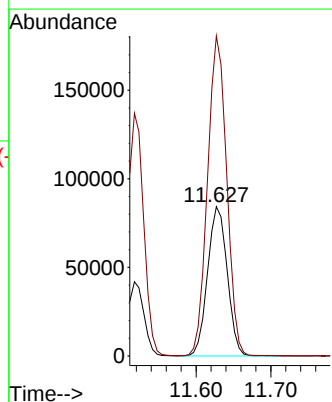
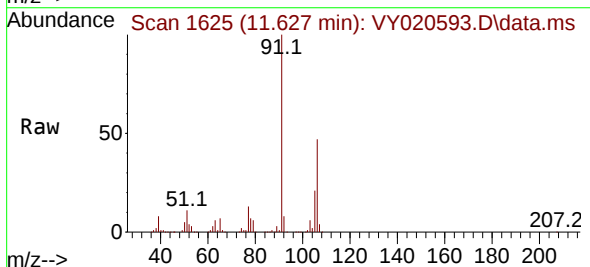
Acq: 12 Dec 2024 11:46

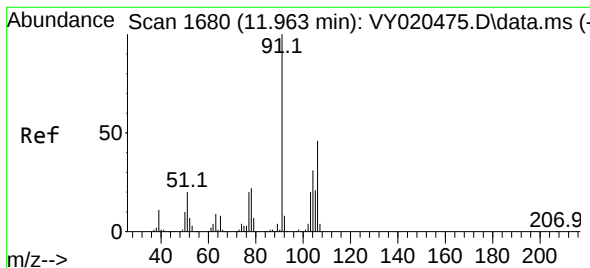
Tgt Ion:106 Resp: 153584

Ion Ratio Lower Upper

106 100

91 209.3 166.0 249.0





#69

o-Xylene

Concen: 20.414 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

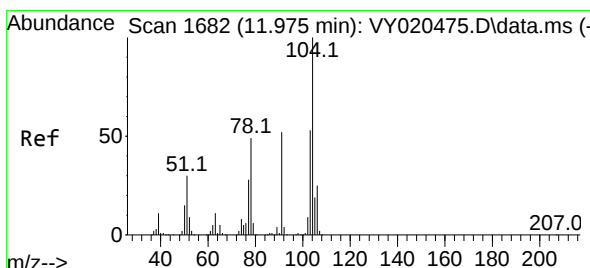
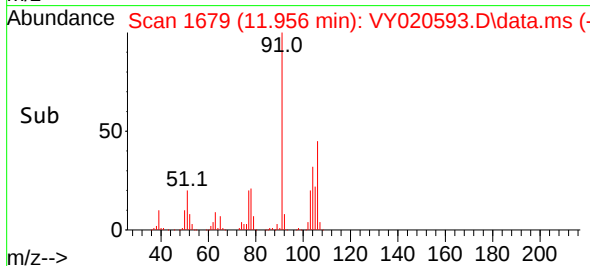
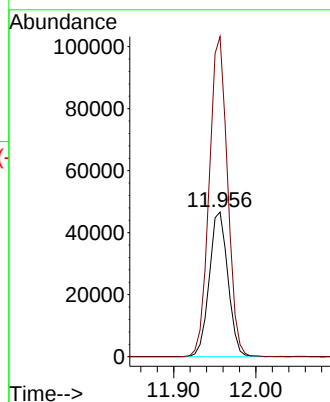
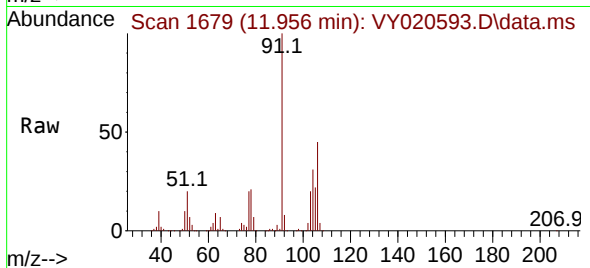
ClientSampleId :

Tgt Ion:106 Resp: 73385

Ion Ratio Lower Upper

106 100

91 217.6 110.0 330.0



#70

Styrene

Concen: 20.474 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

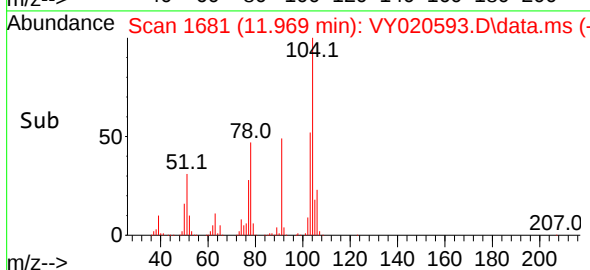
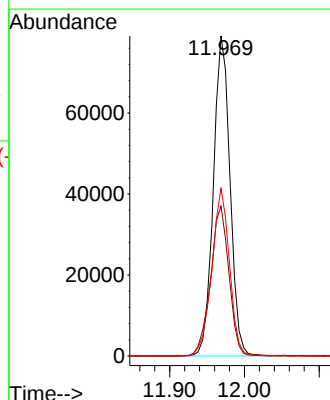
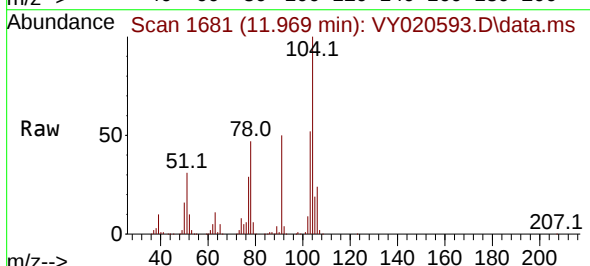
Tgt Ion:104 Resp: 122792

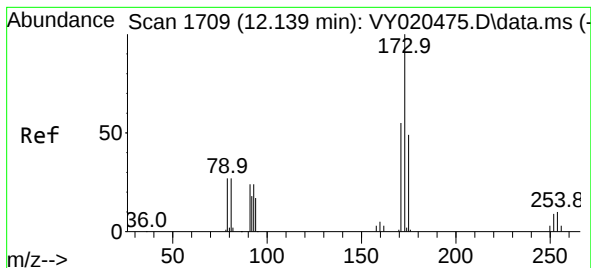
Ion Ratio Lower Upper

104 100

78 51.4 41.4 62.2

103 55.3 44.2 66.4





#71

Bromoform

Concen: 21.630 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020593.D

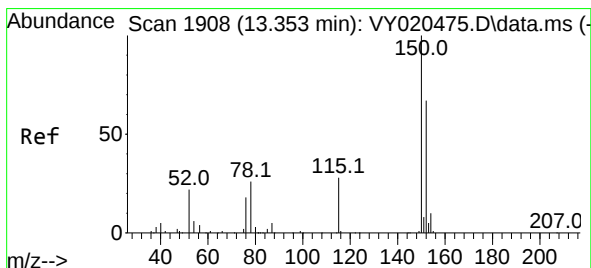
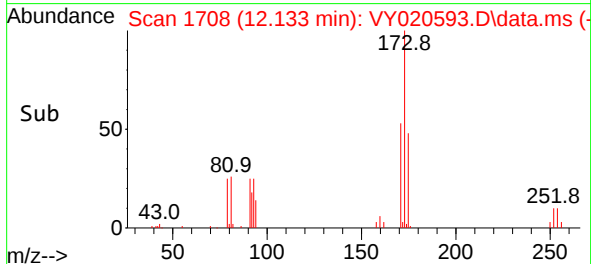
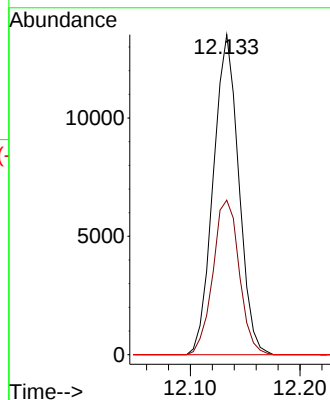
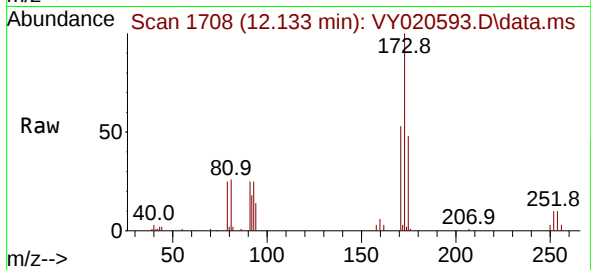
Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	21804
Ion Ratio	Lower	Upper
173	100	
175	49.9	24.3 73.0
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

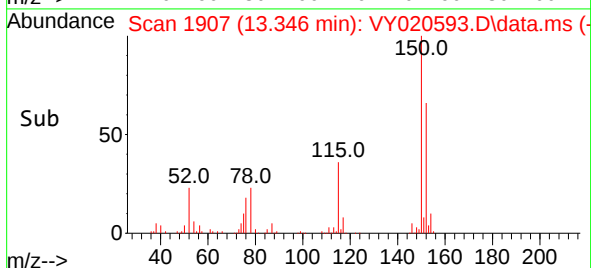
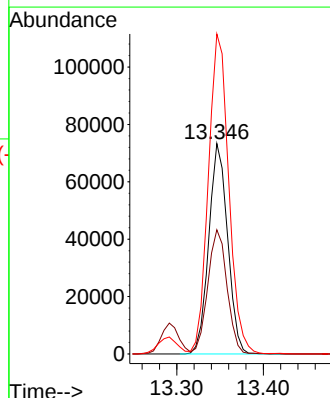
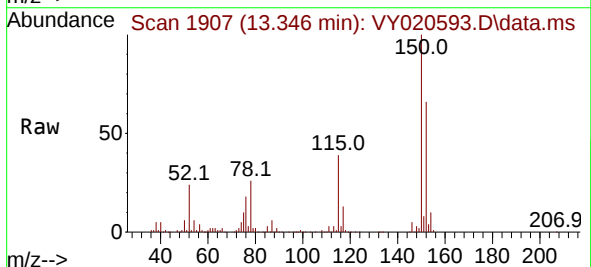
RT: 13.346 min Scan# 1907

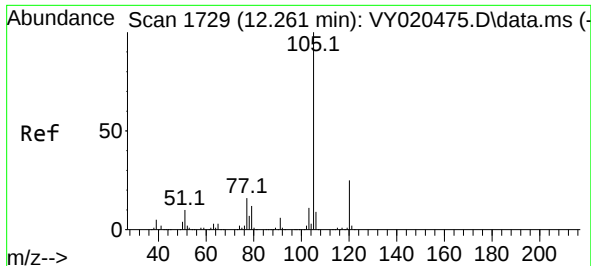
Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Tgt Ion:152	Resp:	110836
Ion Ratio	Lower	Upper
152	100	
115	60.2	30.0 90.0
150	164.6	0.0 348.2

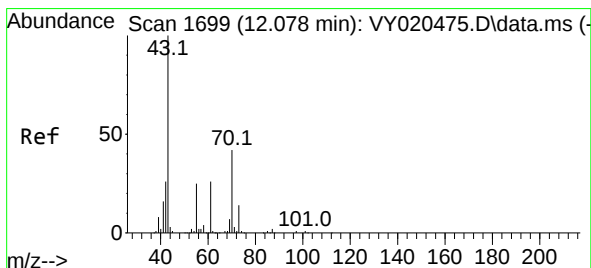
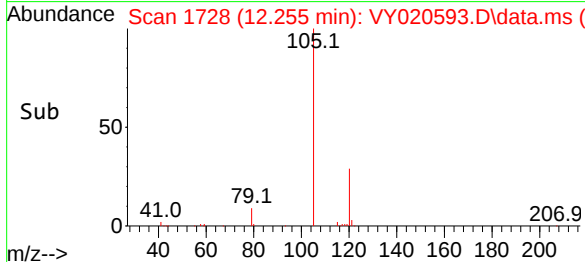
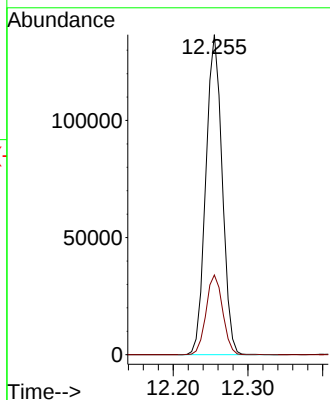
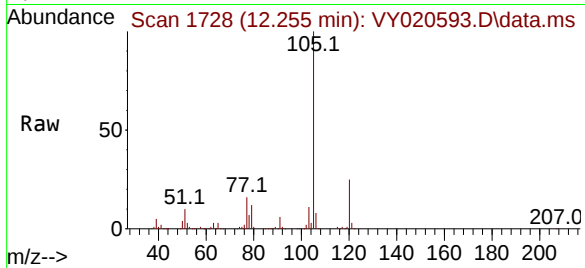




#73
Isopropylbenzene
Concen: 19.297 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

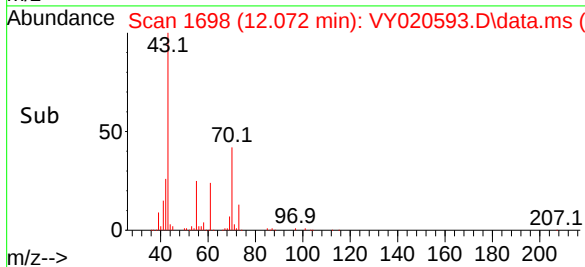
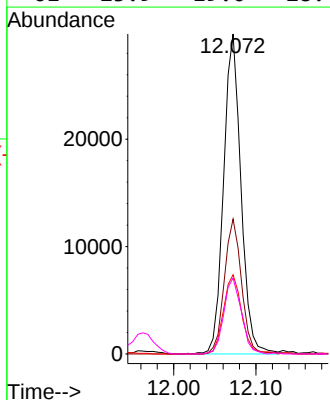
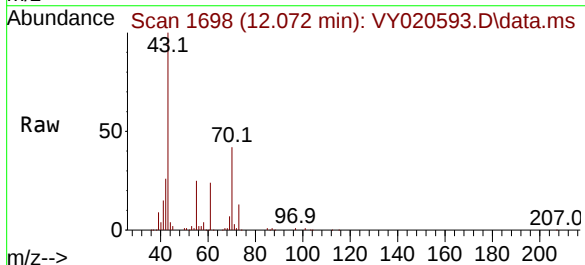
Instrument :
MSVOA_Y
ClientSampleId :

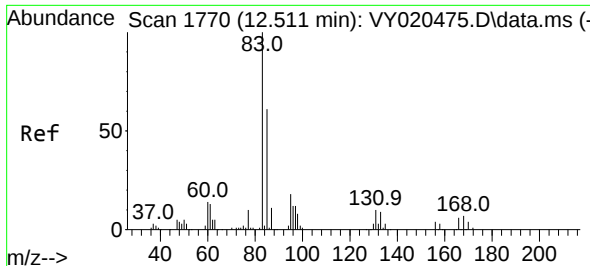
Tgt Ion:105 Resp: 206945
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.1



#74
N-ethyl acetate
Concen: 20.820 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 43 Resp: 43761
Ion Ratio Lower Upper
43 100
70 42.0 32.9 49.3
55 25.9 19.3 28.9
61 23.9 19.0 28.4

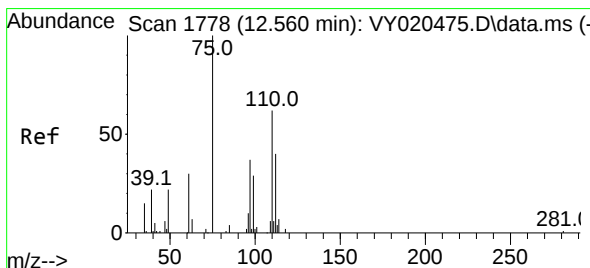
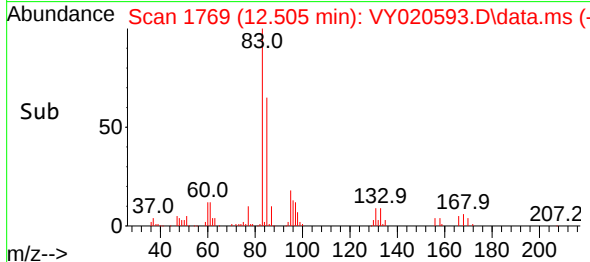
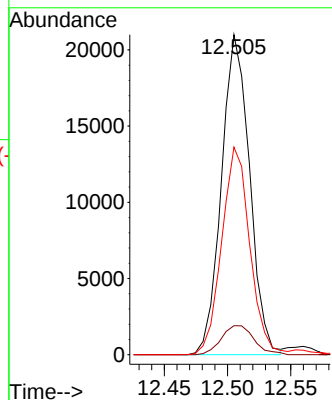
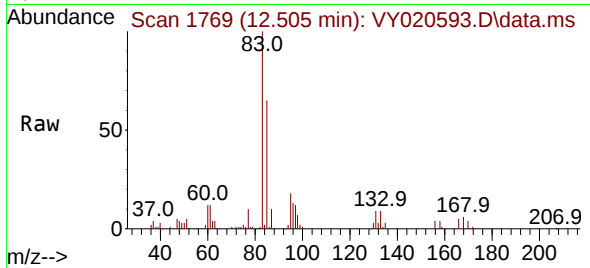




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.063 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY020593.D
 Acq: 12 Dec 2024 11:46

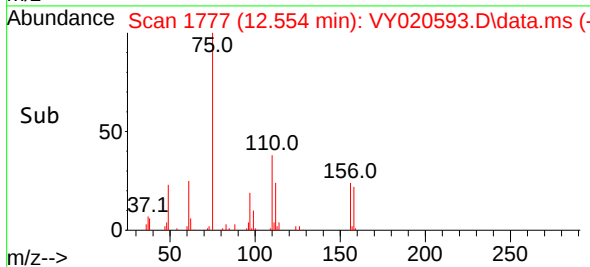
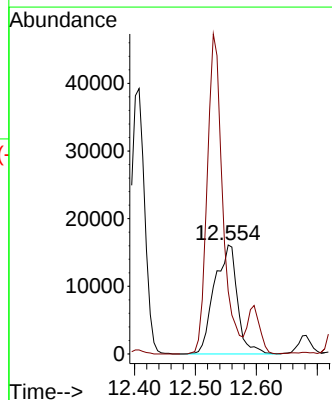
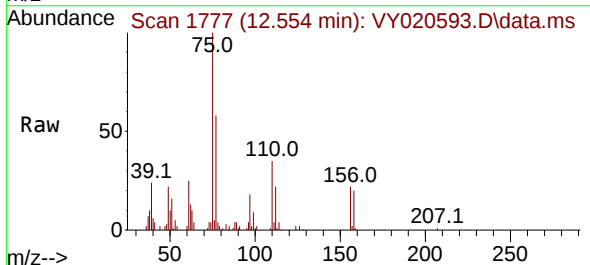
Instrument :
 MSVOA_Y
 ClientSampleId :

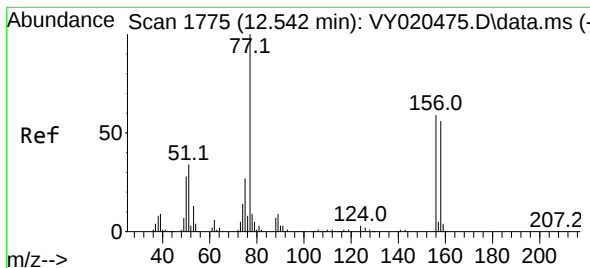
Tgt Ion: 83 Resp: 32484
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.8 14.4
 85 64.8 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 37.395 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY020593.D
 Acq: 12 Dec 2024 11:46

Tgt Ion: 75 Resp: 42221
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.692 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

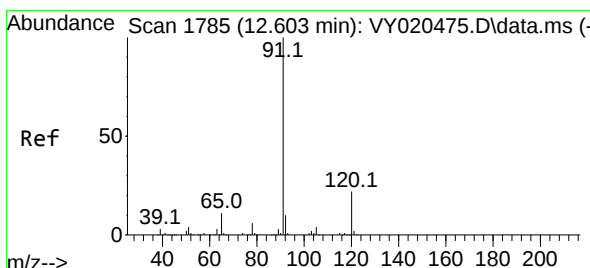
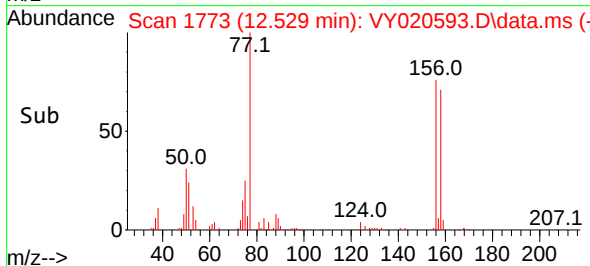
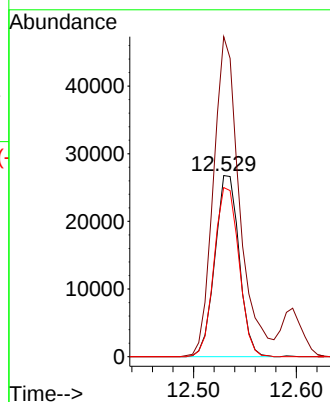
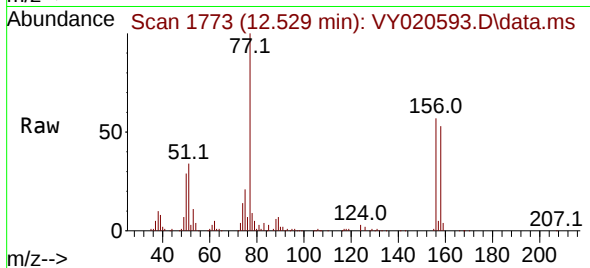
Tgt Ion:156 Resp: 43732

Ion Ratio Lower Upper

156 100

77 191.6 97.2 291.6

158 95.7 47.8 143.4



#78

n-propylbenzene

Concen: 19.535 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY020593.D

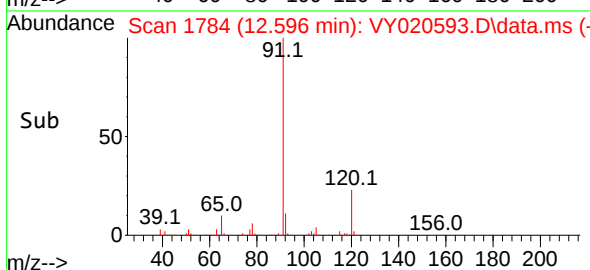
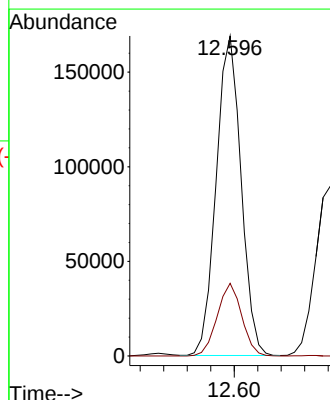
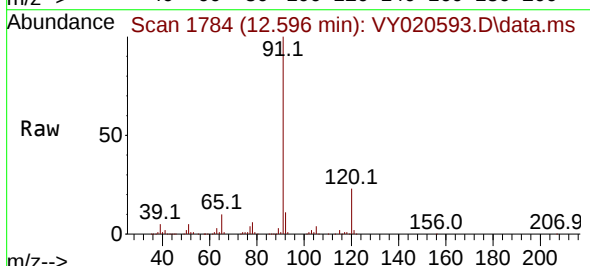
Acq: 12 Dec 2024 11:46

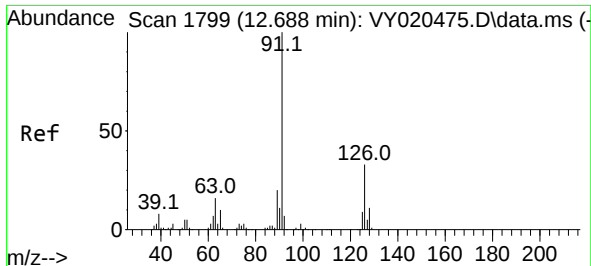
Tgt Ion: 91 Resp: 248039

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.6

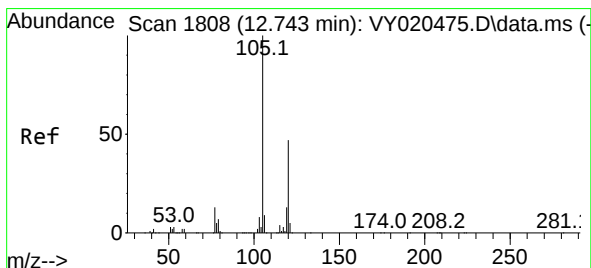
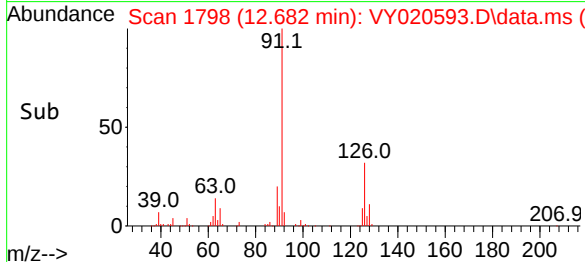
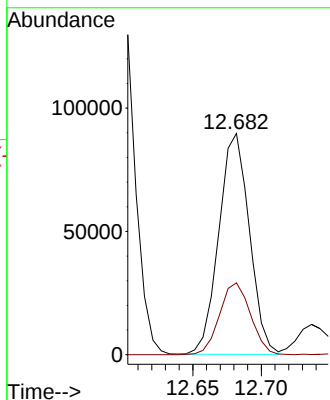
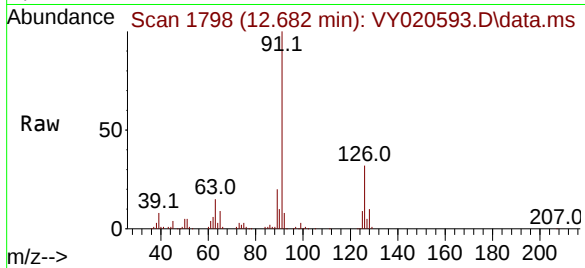




#79
2-Chlorotoluene
Concen: 19.396 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

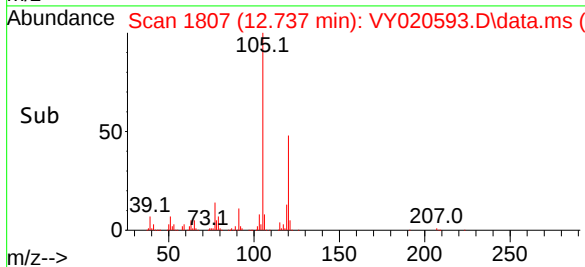
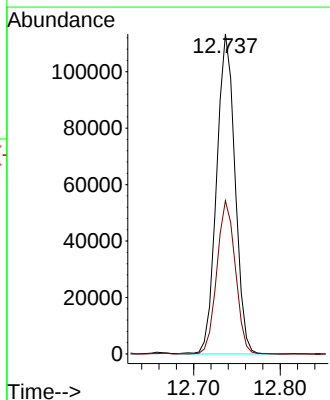
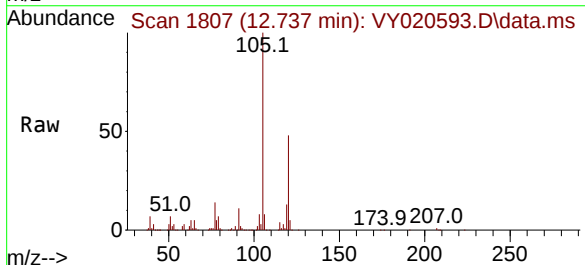
Instrument :
MSVOA_Y
ClientSampleId :

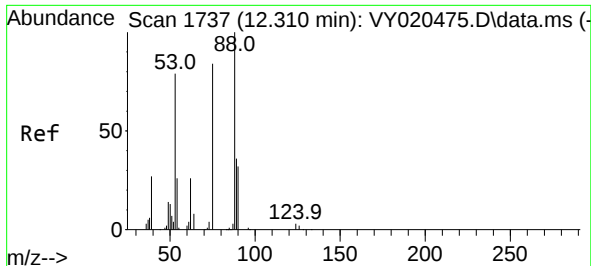
Tgt Ion: 91 Resp: 138964
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 19.481 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 105 Resp: 167417
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8

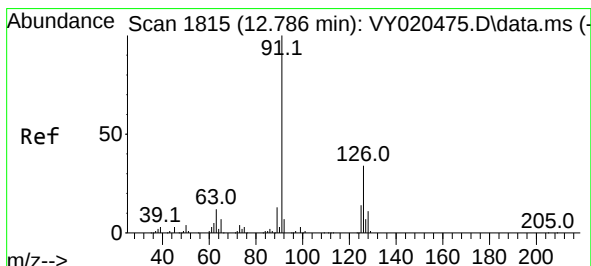
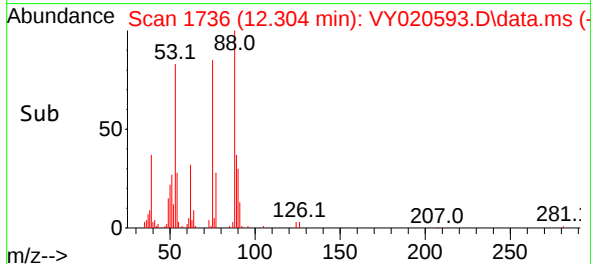
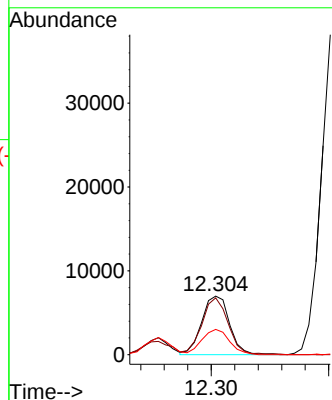
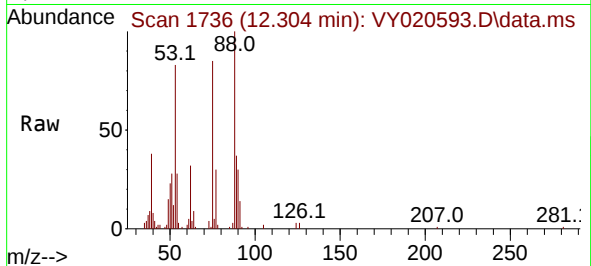




#81
trans-1,4-Dichloro-2-butene
Concen: 20.770 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

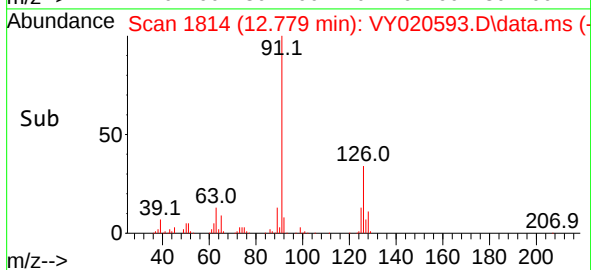
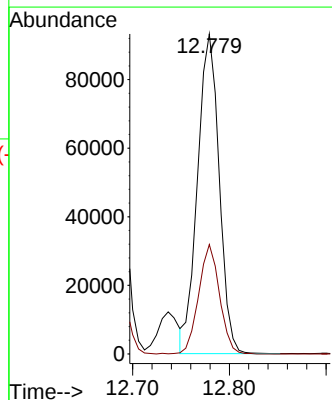
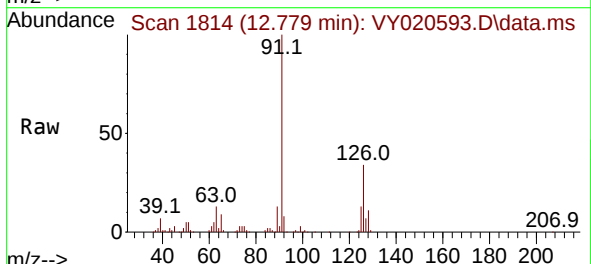
Instrument :
MSVOA_Y
ClientSampleId :

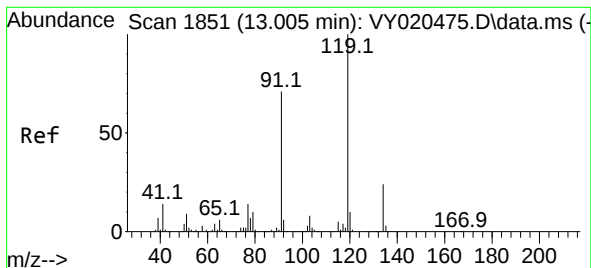
Tgt Ion: 75 Resp: 11429
Ion Ratio Lower Upper
75 100
53 92.6 81.1 121.7
89 42.6 35.1 52.7



#82
4-Chlorotoluene
Concen: 19.852 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion: 91 Resp: 145143
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.8





#83

tert-Butylbenzene

Concen: 19.804 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

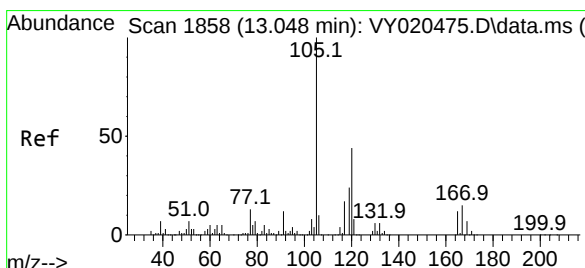
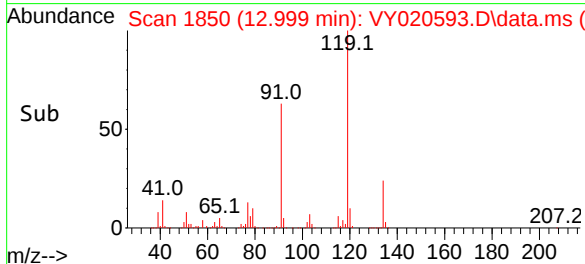
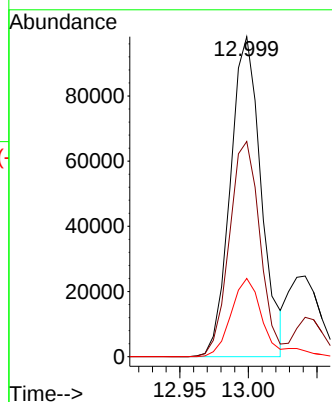
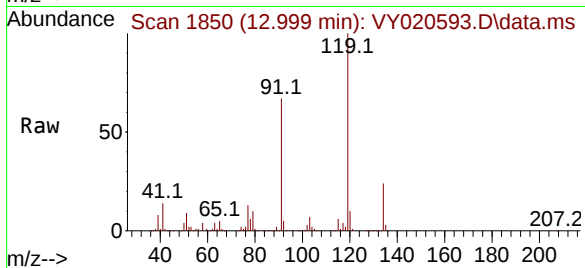
Tgt Ion:119 Resp: 153871

Ion Ratio Lower Upper

119 100

91 66.7 33.3 99.9

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.093 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020593.D

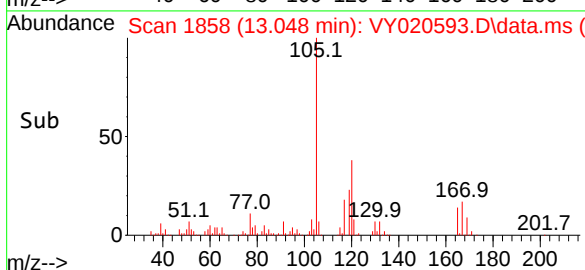
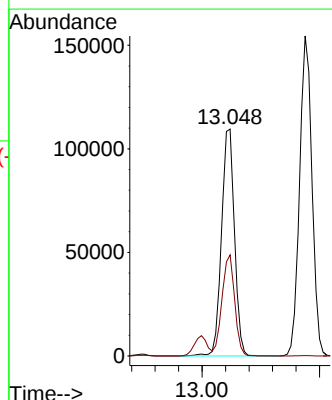
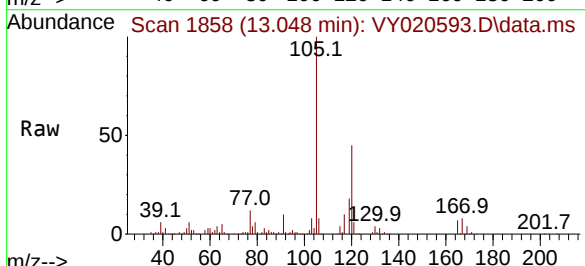
Acq: 12 Dec 2024 11:46

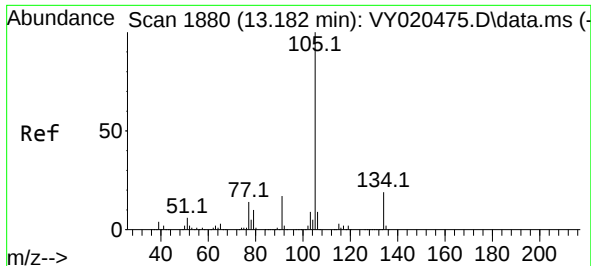
Tgt Ion:105 Resp: 167833

Ion Ratio Lower Upper

105 100

120 43.4 22.0 66.0

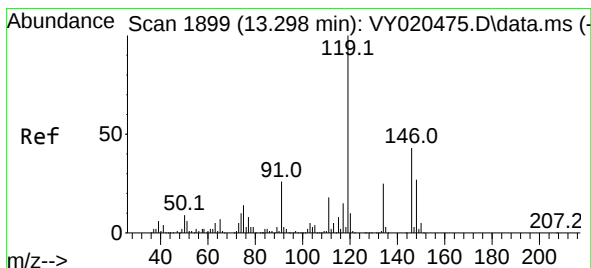
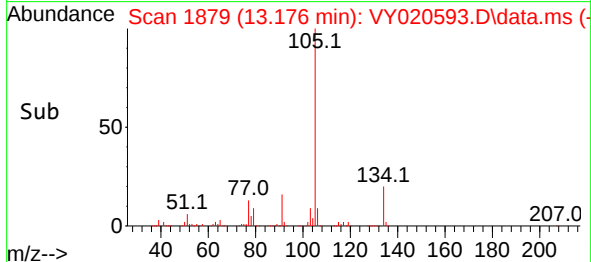
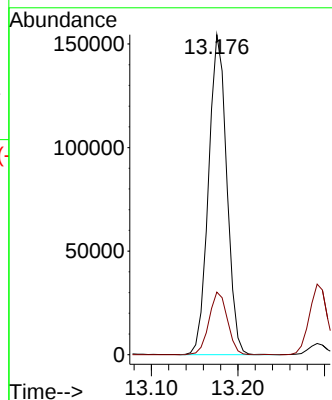
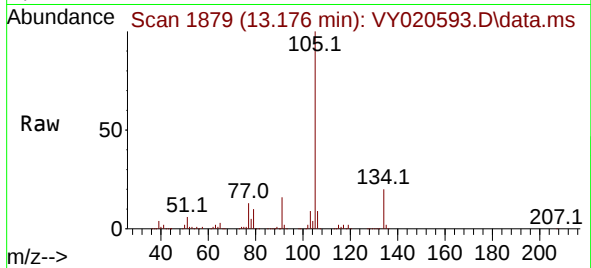




#85
 sec-Butylbenzene
 Concen: 20.274 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY020593.D
 Acq: 12 Dec 2024 11:46

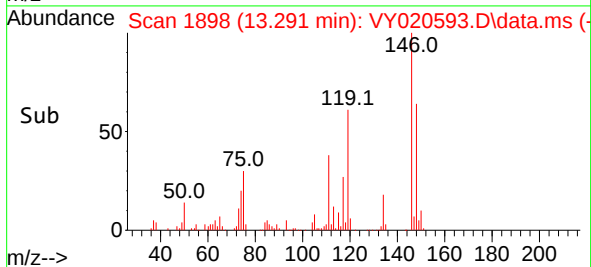
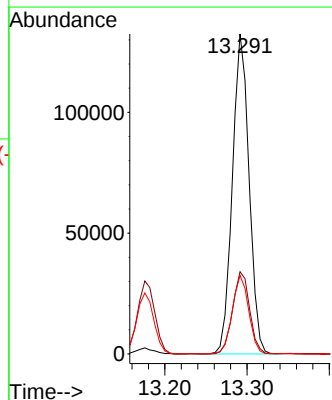
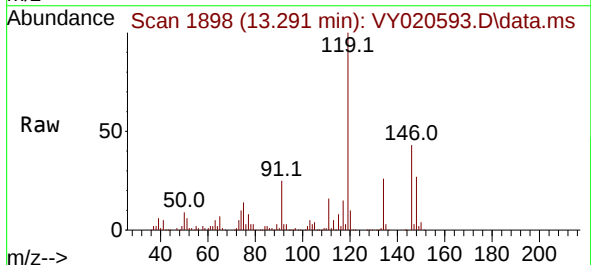
Instrument :
 MSVOA_Y
 ClientSampleId :

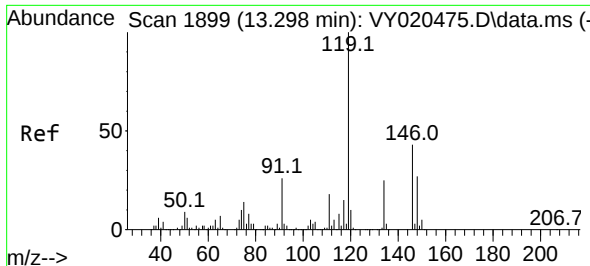
Tgt Ion:105 Resp: 225752
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.361 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY020593.D
 Acq: 12 Dec 2024 11:46

Tgt Ion:119 Resp: 187355
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.4
 91 24.2 12.3 36.8

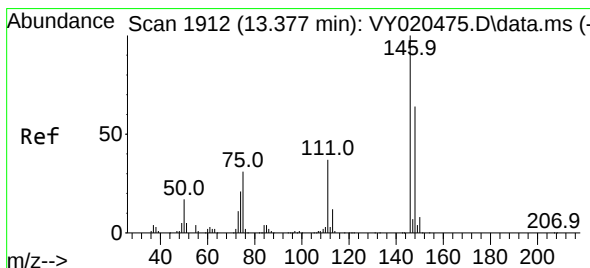
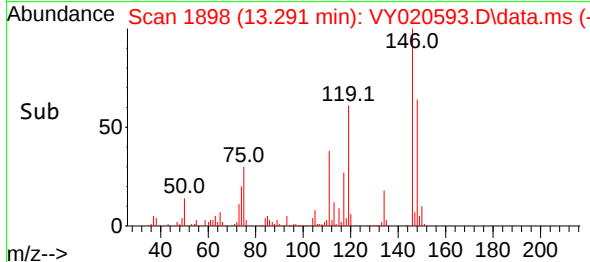
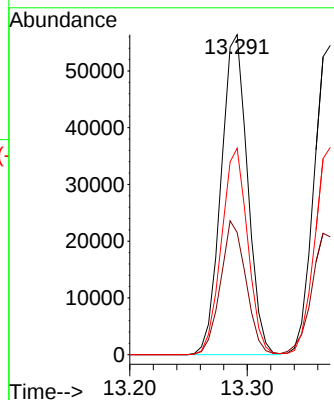
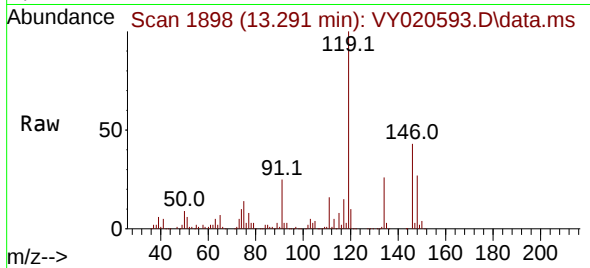




#87
1,3-Dichlorobenzene
Concen: 20.630 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

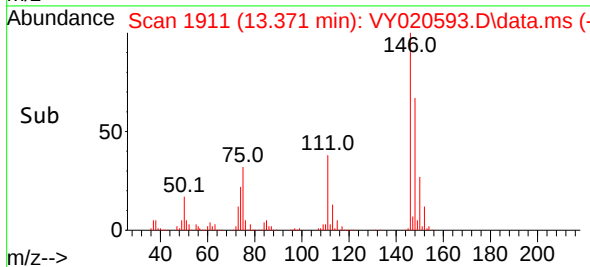
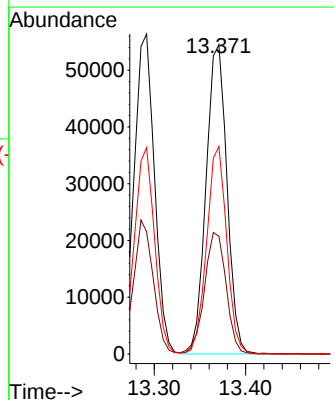
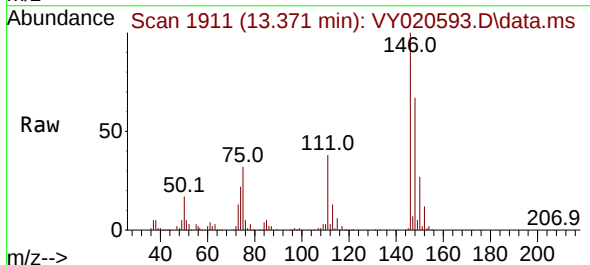
Instrument :
MSVOA_Y
ClientSampleId :

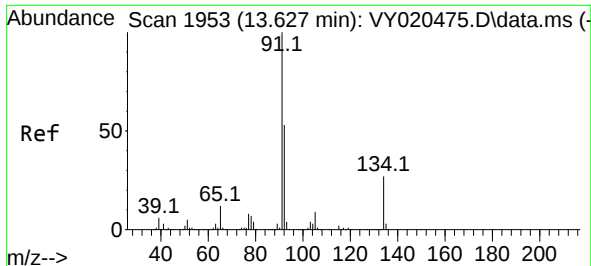
Tgt Ion:146 Resp: 88358
Ion Ratio Lower Upper
146 100
111 40.4 20.5 61.6
148 63.8 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 20.686 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VY020593.D
Acq: 12 Dec 2024 11:46

Tgt Ion:146 Resp: 86733
Ion Ratio Lower Upper
146 100
111 40.9 19.9 59.6
148 64.5 32.0 96.2





#89

n-Butylbenzene

Concen: 20.668 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

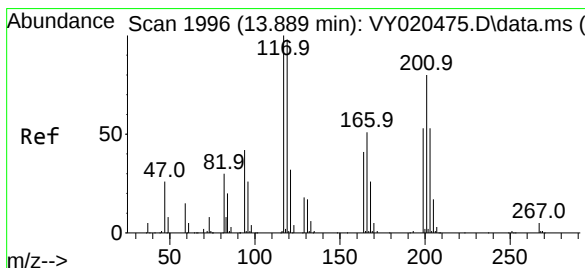
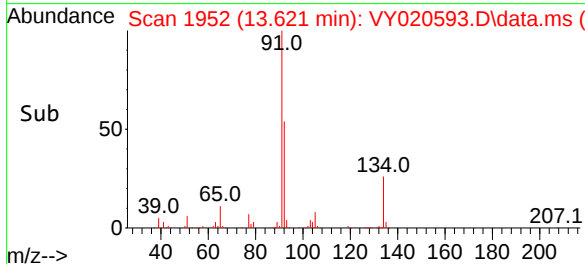
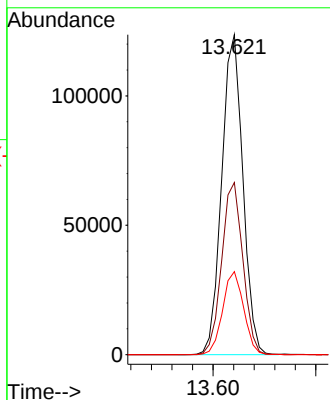
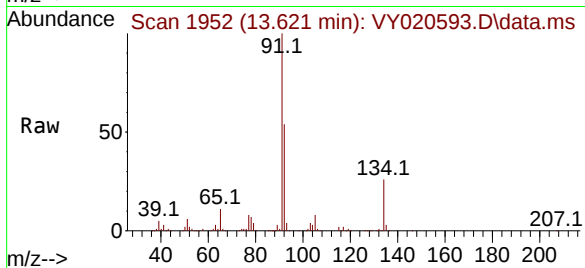
Tgt Ion: 91 Resp: 176381

Ion Ratio Lower Upper

91 100

92 53.9 26.5 79.5

134 25.8 12.2 36.4



#90

Hexachloroethane

Concen: 20.641 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020593.D

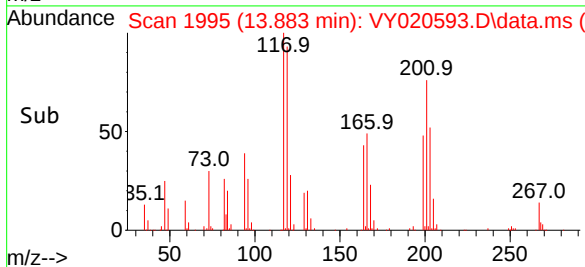
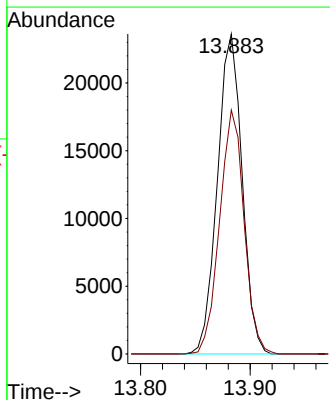
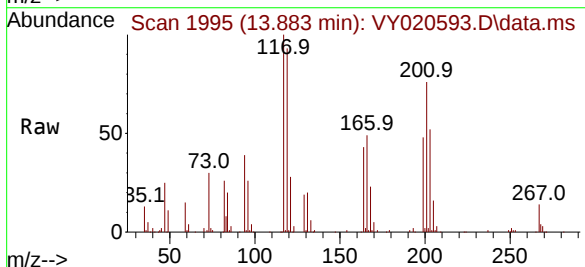
Acq: 12 Dec 2024 11:46

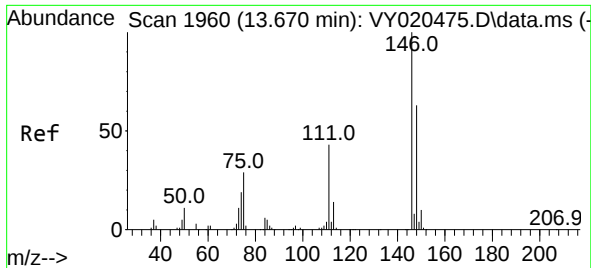
Tgt Ion: 117 Resp: 37015

Ion Ratio Lower Upper

117 100

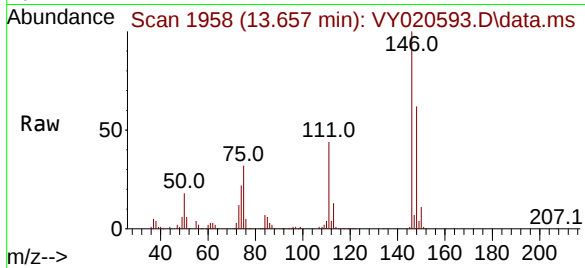
201 75.4 37.1 111.3



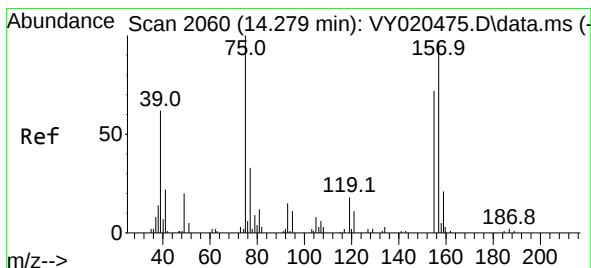
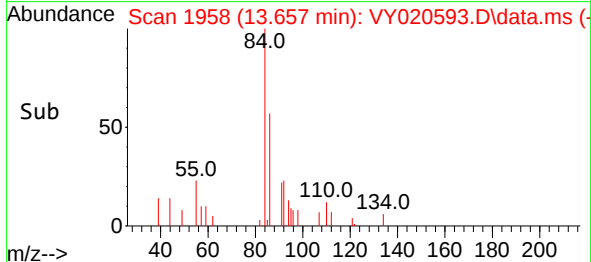
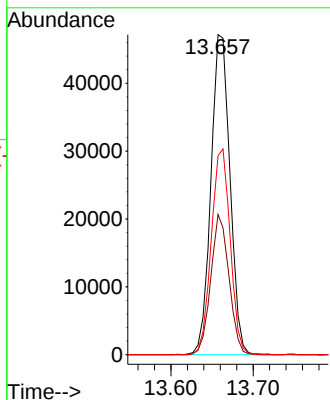


#91
 1,2-Dichlorobenzene
 Concen: 20.932 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.012 min
 Lab File: VY020593.D
 Acq: 12 Dec 2024 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :

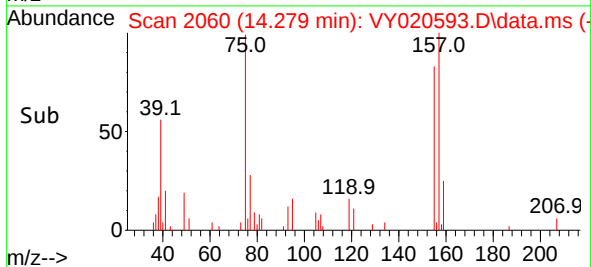
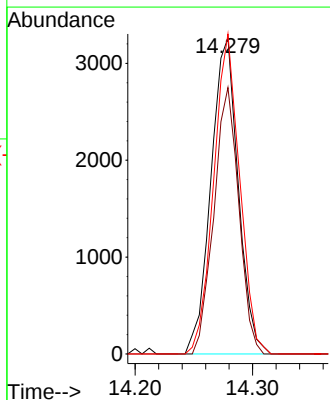
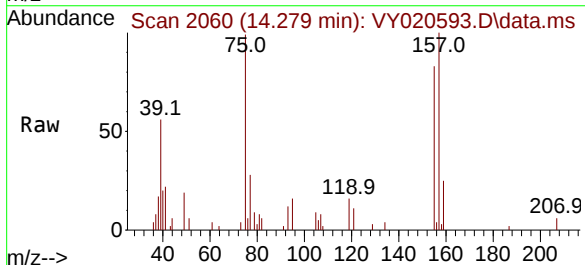


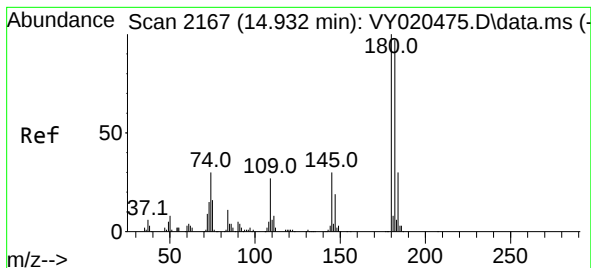
Tgt Ion:146 Resp: 76028
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.5
 148 63.9 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.530 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: VY020593.D
 Acq: 12 Dec 2024 11:46

Tgt Ion: 75 Resp: 5260
 Ion Ratio Lower Upper
 75 100
 155 77.0 39.7 119.1
 157 96.5 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 21.826 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

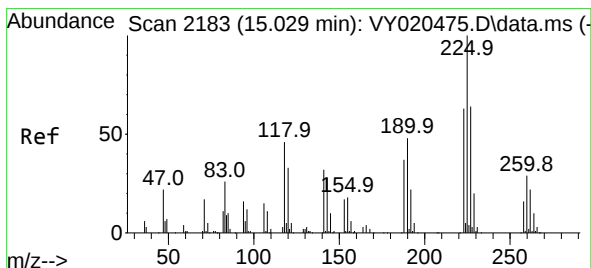
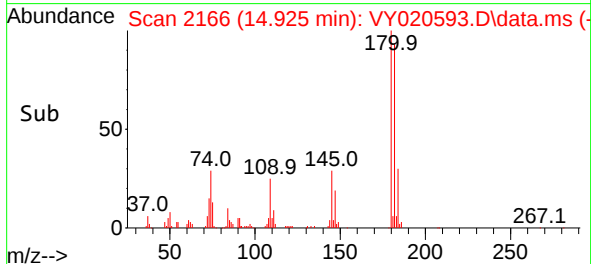
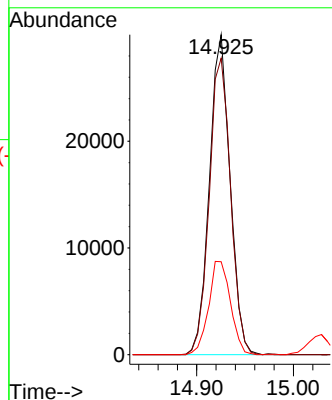
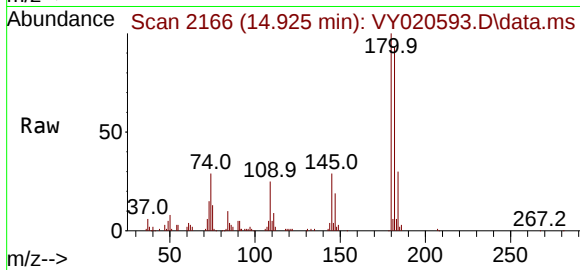
Tgt Ion:180 Resp: 44577

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.8

145 30.8 15.8 47.3



#94

Hexachlorobutadiene

Concen: 21.359 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

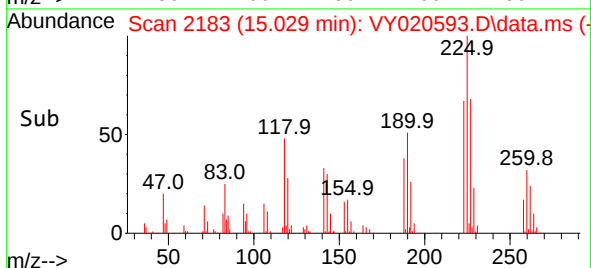
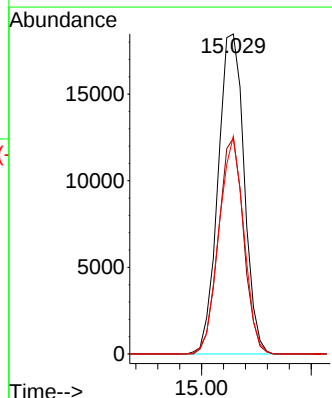
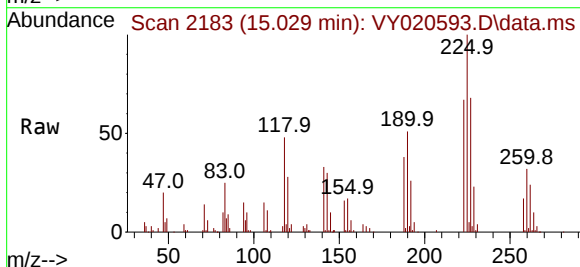
Tgt Ion:225 Resp: 30518

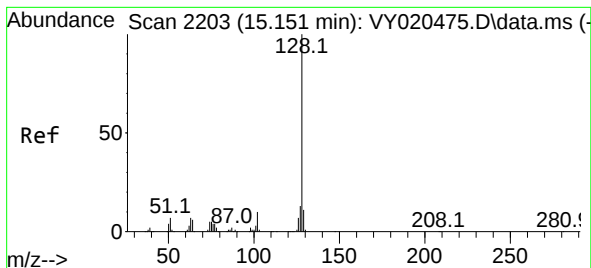
Ion Ratio Lower Upper

225 100

223 64.8 31.9 95.5

227 65.1 32.3 96.8





#95

Naphthalene

Concen: 21.727 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

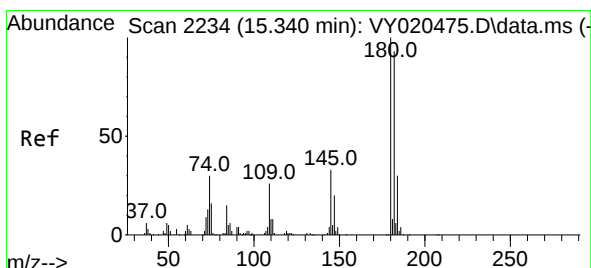
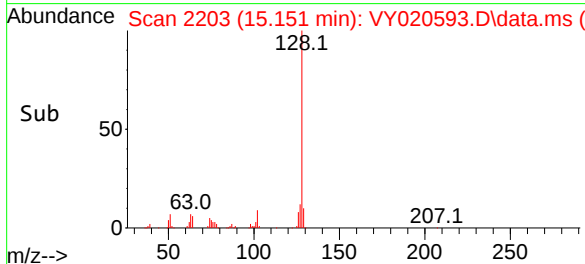
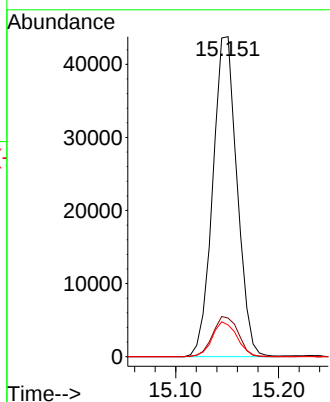
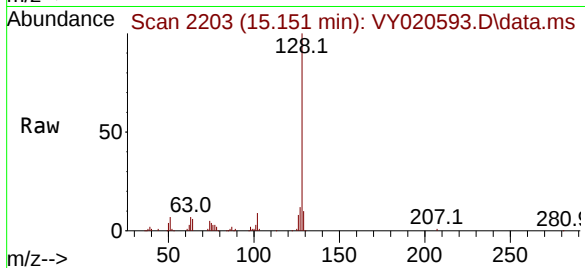
Tgt Ion:128 Resp: 71808

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.572 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020593.D

Acq: 12 Dec 2024 11:46

Tgt Ion:180 Resp: 37199

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.3

145 32.6 16.9 50.6

