

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020295.D
 Acq On : 13 Nov 2024 19:55
 Operator : SY/MD
 Sample : VY1113SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD02

Quant Time: Nov 14 01:03:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	195558	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	400340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	307308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	137661	56.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.800%	
35) Dibromofluoromethane	7.634	113	127921	50.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.520%	
50) Toluene-d8	10.109	98	605015	59.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.440%	
62) 4-Bromofluorobenzene	12.408	95	154033	46.806	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	39738	21.952	ug/l	99
3) Chloromethane	2.068	50	69719	23.251	ug/l	97
4) Vinyl Chloride	2.208	62	74918	23.274	ug/l	98
5) Bromomethane	2.598	94	45367	21.228	ug/l	92
6) Chloroethane	2.739	64	47455	22.843	ug/l	100
7) Trichlorofluoromethane	3.062	101	109266	27.786	ug/l	94
8) Diethyl Ether	3.458	74	23977	21.861	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.818	101	47683	21.619	ug/l	92
10) Methyl Iodide	4.013	142	45329	21.287	ug/l	# 89
11) Tert butyl alcohol	4.872	59	18397	104.790	ug/l	# 88
12) 1,1-Dichloroethene	3.793	96	43286	20.512	ug/l	# 80
13) Acrolein	3.659	56	14940	68.361	ug/l	94
14) Allyl chloride	4.385	41	76177	20.008	ug/l	# 90
15) Acrylonitrile	5.074	53	56642	113.454	ug/l	99
16) Acetone	3.879	43	59548	104.913	ug/l	91
17) Carbon Disulfide	4.110	76	121557	17.309	ug/l	99
18) Methyl Acetate	4.391	43	31154	23.394	ug/l	89
19) Methyl tert-butyl Ether	5.128	73	123017	23.171	ug/l	95
20) Methylene Chloride	4.622	84	53344	20.921	ug/l	# 81
21) trans-1,2-Dichloroethene	5.128	96	48978	20.579	ug/l	# 79
22) Diisopropyl ether	6.025	45	180371	22.829	ug/l	# 90
23) Vinyl Acetate	5.970	43	499855	112.415	ug/l	# 93
24) 1,1-Dichloroethane	5.921	63	122181	26.706	ug/l	95
25) 2-Butanone	6.902	43	85511	111.140	ug/l	# 82
26) 2,2-Dichloropropane	6.896	77	81934	21.524	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	64176	23.457	ug/l	86
28) Bromochloromethane	7.250	49	47896	22.358	ug/l	# 73
29) Tetrahydrofuran	7.268	42	54550	122.854	ug/l	# 84
30) Chloroform	7.427	83	134623	29.653	ug/l	95
31) Cyclohexane	7.707	56	87552	19.767	ug/l	89
32) 1,1,1-Trichloroethane	7.628	97	96302	24.296	ug/l	95
36) 1,1-Dichloropropene	7.841	75	72904	18.541	ug/l	94
37) Ethyl Acetate	6.988	43	36430	19.433	ug/l	96
38) Carbon Tetrachloride	7.823	117	77514	19.604	ug/l	93
39) Methylcyclohexane	9.109	83	88348	17.704	ug/l	90
40) Benzene	8.085	78	230456	20.080	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	18222	19.404	ug/l	93
42) 1,2-Dichloroethane	8.164	62	65760	20.700	ug/l	93
43) Isopropyl Acetate	8.201	43	75210	20.863	ug/l #	88
44) Trichloroethene	8.872	130	53080	19.955	ug/l	98
45) 1,2-Dichloropropane	9.146	63	55579	20.241	ug/l	96
46) Dibromomethane	9.237	93	28679	19.276	ug/l #	89
47) Bromodichloromethane	9.426	83	82119	21.069	ug/l	99
48) Methyl methacrylate	9.225	41	31332	18.764	ug/l #	82
49) 1,4-Dioxane	9.237	88	6201	404.822	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	245546	132.194	ug/l	89
52) Toluene	10.170	92	173502	24.525	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	87890	25.536	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	79179	19.274	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	49641	26.835	ug/l	93
56) Ethyl methacrylate	10.438	69	65038	24.510	ug/l #	70
57) 1,3-Dichloropropane	10.719	76	85195	25.149	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	129475	98.937	ug/l	93
59) 2-Hexanone	10.762	43	168556	126.575	ug/l	85
60) Dibromochloromethane	10.914	129	59467	25.219	ug/l	99
61) 1,2-Dibromoethane	11.018	107	38416	22.352	ug/l	99
64) Tetrachloroethene	10.646	164	65403	32.233	ug/l	95
65) Chlorobenzene	11.444	112	145538	22.226	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	49193	23.514	ug/l	96
67) Ethyl Benzene	11.517	91	267207	21.830	ug/l	96
68) m/p-Xylenes	11.627	106	190516	42.542	ug/l	91
69) o-Xylene	11.956	106	93438	22.038	ug/l	94
70) Styrene	11.969	104	153590	21.909	ug/l	96
71) Bromoform	12.133	173	25318	23.590	ug/l #	94
73) Isopropylbenzene	12.255	105	245666	22.231	ug/l	98
74) N-amyl acetate	12.072	43	58298	21.105	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.511	83	44150	22.845	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	33975m	26.201	ug/l	
77) Bromobenzene	12.536	156	50458	22.578	ug/l	85
78) n-propylbenzene	12.597	91	290353	21.112	ug/l	98
79) 2-Chlorotoluene	12.682	91	170461	22.329	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	199548	22.493	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	12531	20.787	ug/l #	78
82) 4-Chlorotoluene	12.779	91	171420	22.023	ug/l	93
83) tert-Butylbenzene	12.999	119	177911	22.934	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	196442	22.356	ug/l	95
85) sec-Butylbenzene	13.176	105	255458	21.450	ug/l	96
86) p-Isopropyltoluene	13.292	119	212324	22.217	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	107076	23.585	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	97788	21.629	ug/l	96
89) n-Butylbenzene	13.621	91	191073	19.945	ug/l	97
90) Hexachloroethane	13.883	117	39343	20.816	ug/l	87
91) 1,2-Dichlorobenzene	13.663	146	89030	22.560	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6549	22.345	ug/l	76
93) 1,2,4-Trichlorobenzene	14.925	180	60213	28.403	ug/l	96
94) Hexachlorobutadiene	15.029	225	32076	27.670	ug/l	98
95) Naphthalene	15.145	128	107860	27.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	46019	25.573	ug/l	97

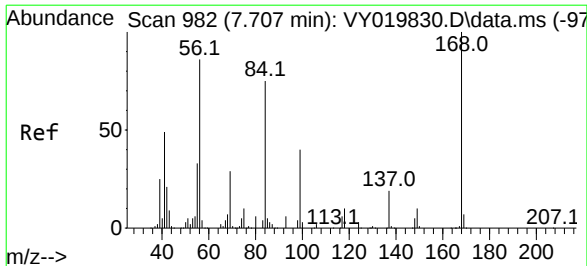
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
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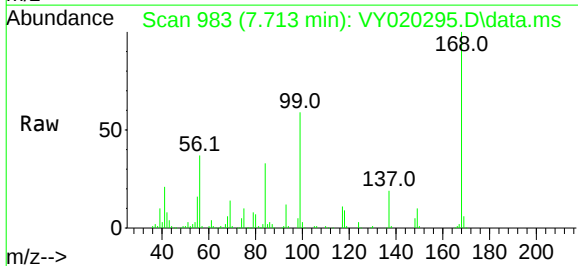
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

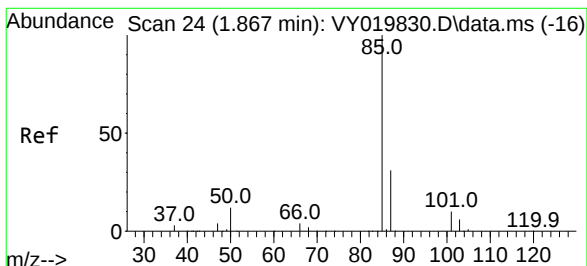
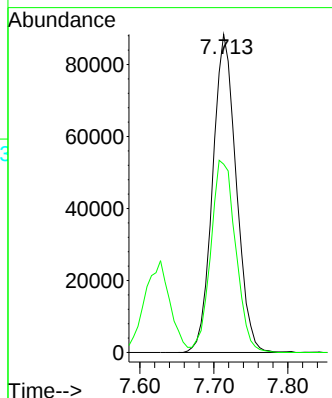
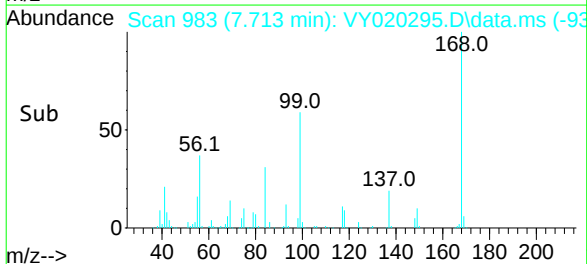


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

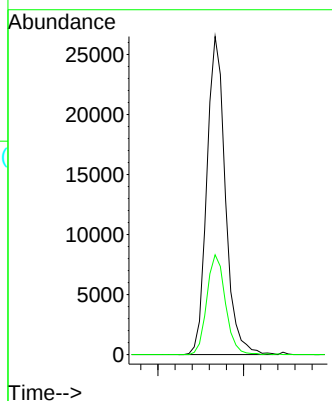
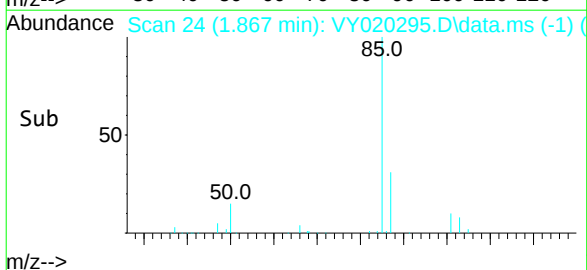
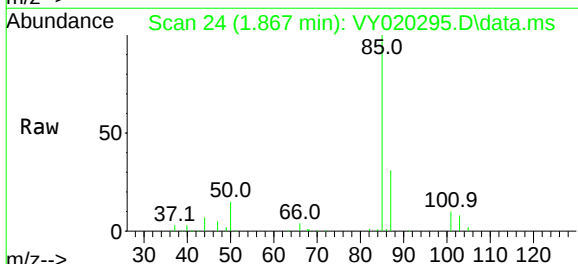


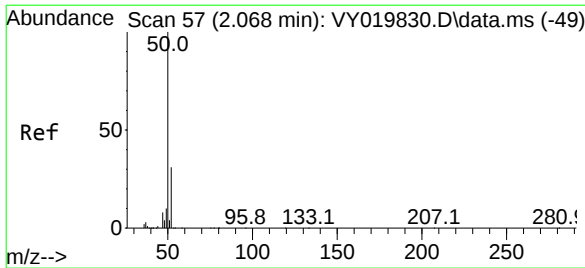
Tgt Ion:168 Resp: 195558
Ion Ratio Lower Upper
168 100
99 59.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 21.952 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 85 Resp: 39738
Ion Ratio Lower Upper
85 100
87 31.4 16.0 48.0

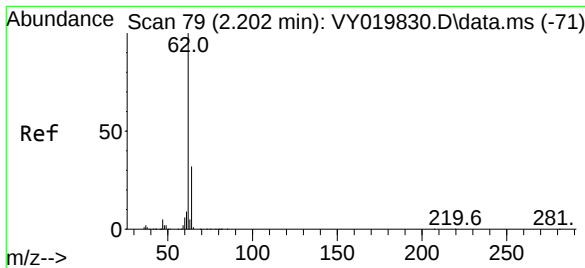
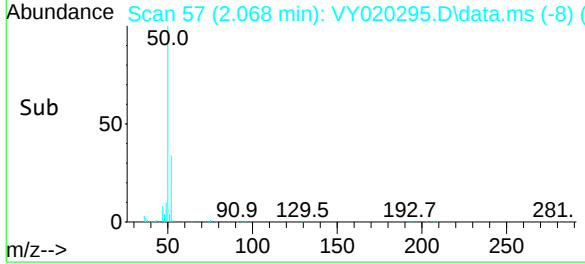
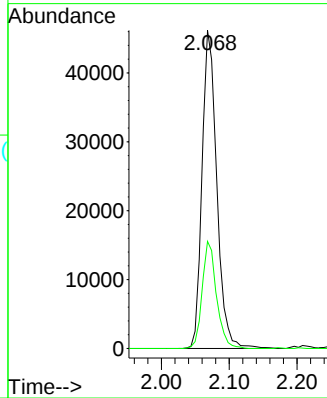
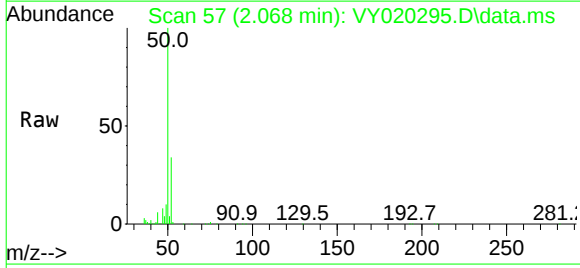




#3
Chloromethane
Concen: 23.251 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

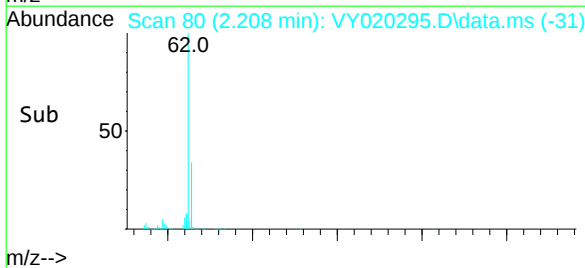
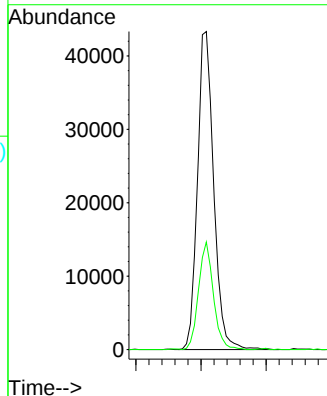
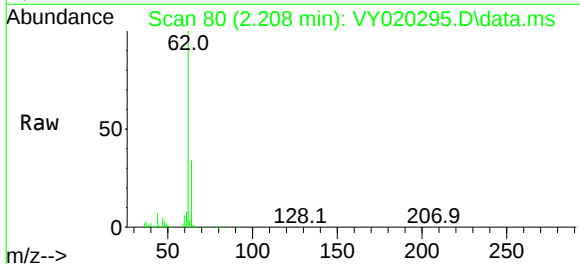
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ClientSampleId :
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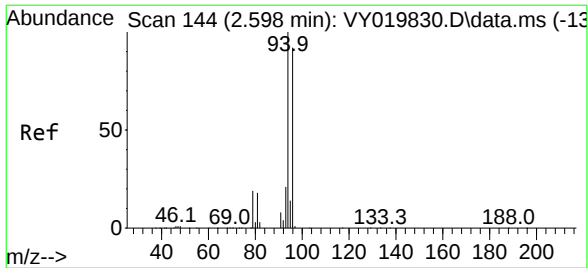
Tgt Ion: 50 Resp: 69719
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4



#4
Vinyl Chloride
Concen: 23.274 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 62 Resp: 74918
Ion Ratio Lower Upper
62 100
64 33.7 26.1 39.1

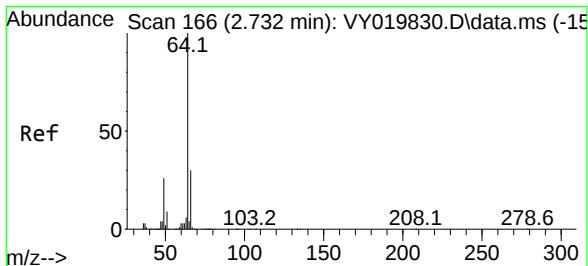
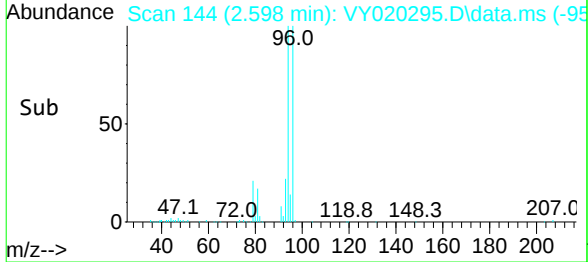
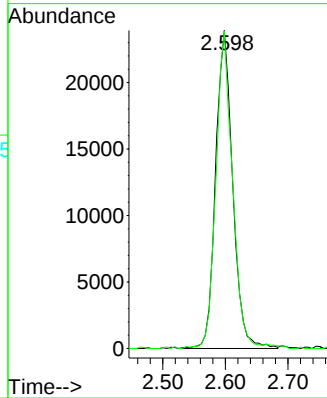
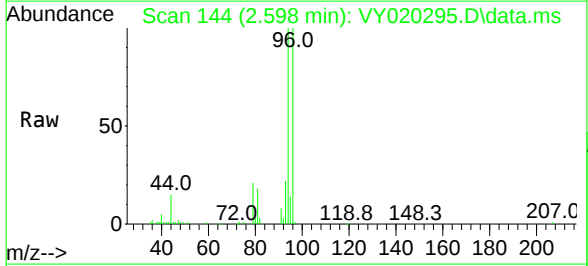




#5
Bromomethane
Concen: 21.228 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

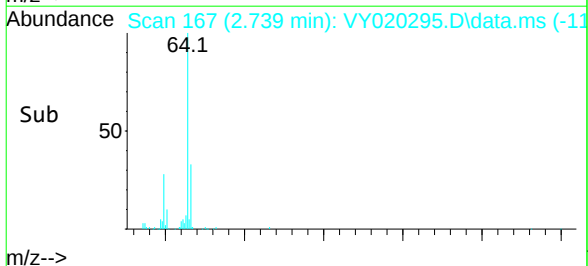
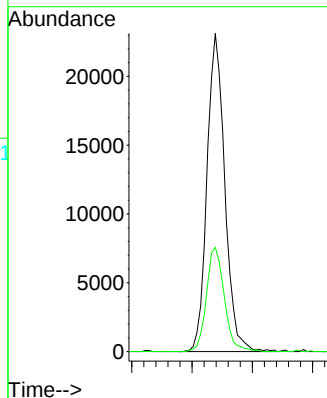
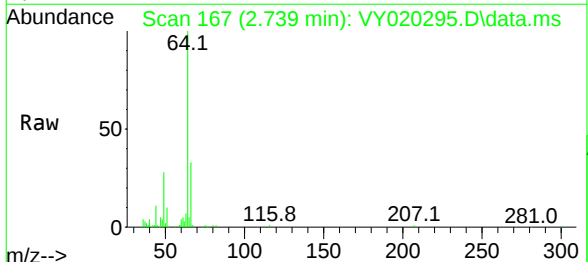
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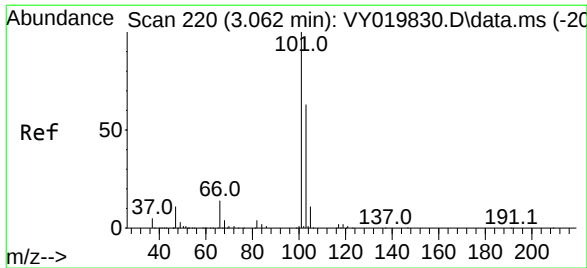
Tgt Ion: 94 Resp: 45367
Ion Ratio Lower Upper
94 100
96 99.9 74.1 111.1



#6
Chloroethane
Concen: 22.843 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 64 Resp: 47455
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

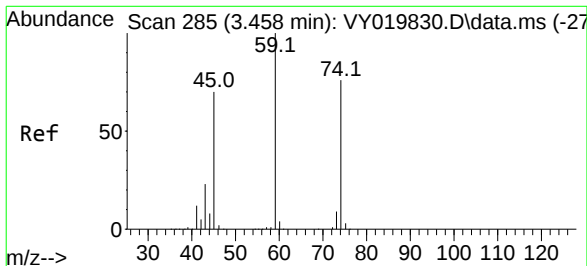
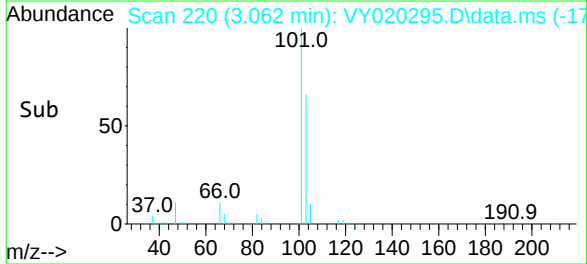
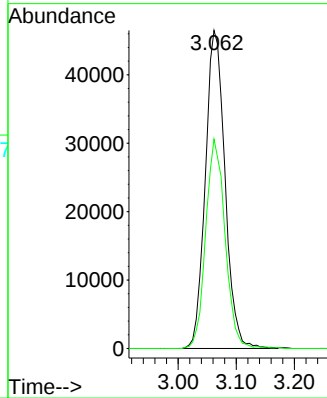
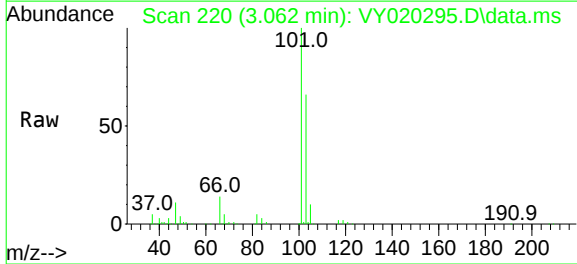




#7
 Trichlorofluoromethane
 Concen: 27.786 ug/l
 RT: 3.062 min Scan# 220
 Delta R.T. 0.000 min
 Lab File: VY020295.D
 Acq: 13 Nov 2024 19:55

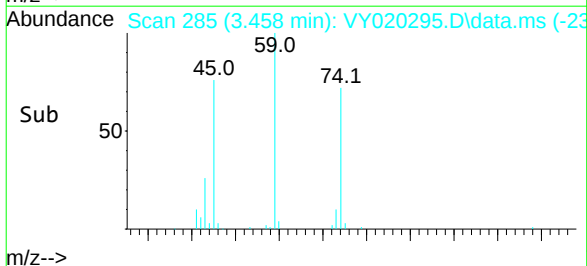
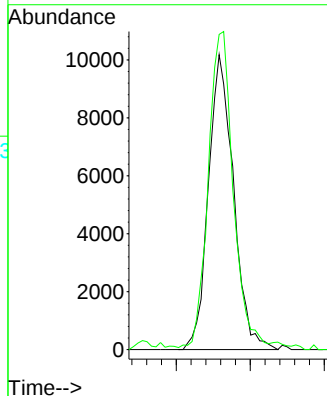
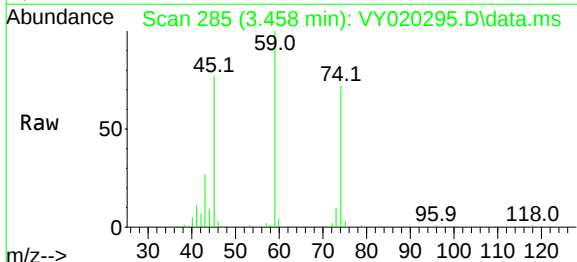
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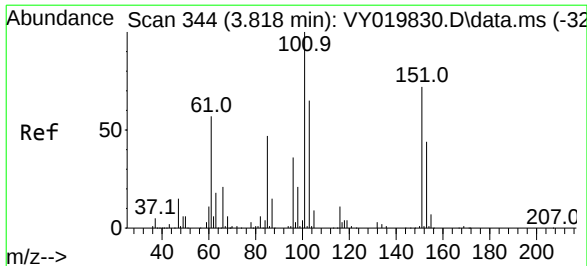
Tgt Ion: 101 Resp: 109266
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.861 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020295.D
 Acq: 13 Nov 2024 19:55

Tgt Ion: 74 Resp: 23977
 Ion Ratio Lower Upper
 74 100
 45 105.7 41.3 124.1

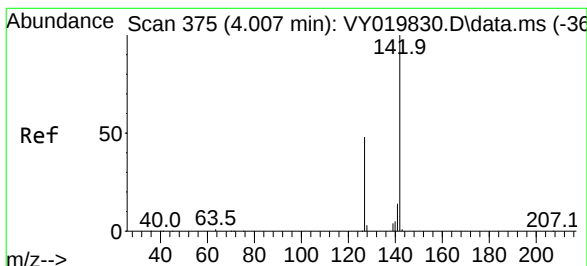
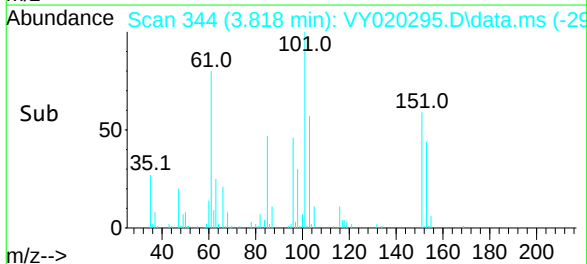
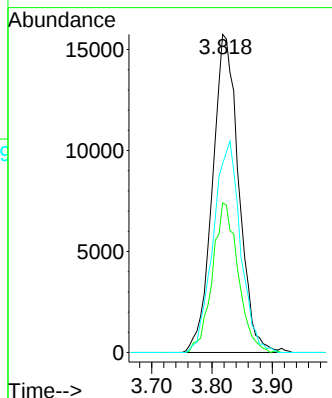
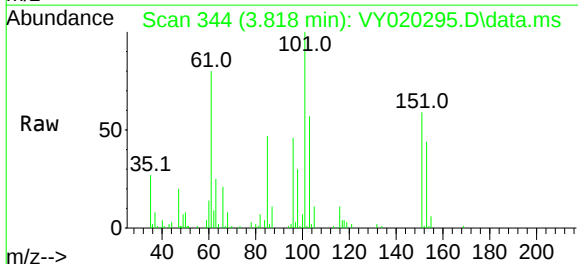




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.619 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020295.D
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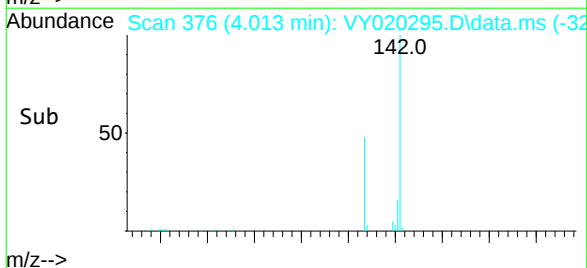
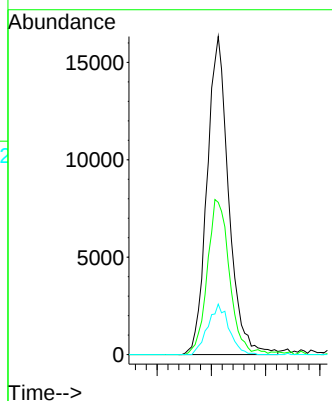
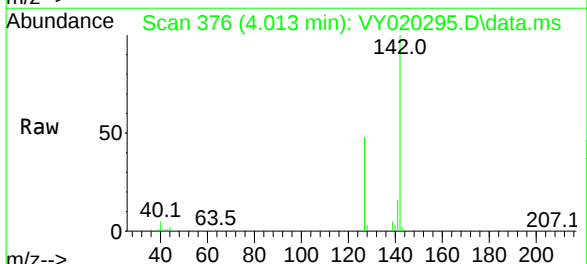
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

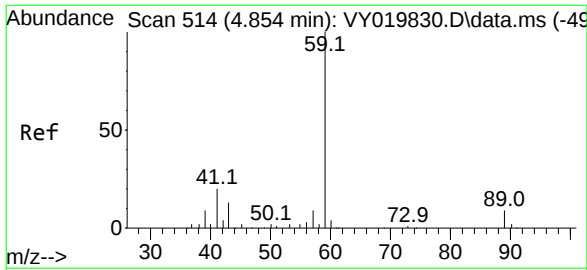
Tgt Ion:	101	Resp:	47683
Ion	Ratio	Lower	Upper
101	100		
85	46.1	34.5	51.7
151	69.0	61.7	92.5



#10
Methyl Iodide
Concen: 21.287 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion:	142	Resp:	45329
Ion	Ratio	Lower	Upper
142	100		
127	49.4	32.8	49.2#
141	15.5	11.4	17.2





#11

Tert butyl alcohol

Concen: 104.790 ug/l

RT: 4.872 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

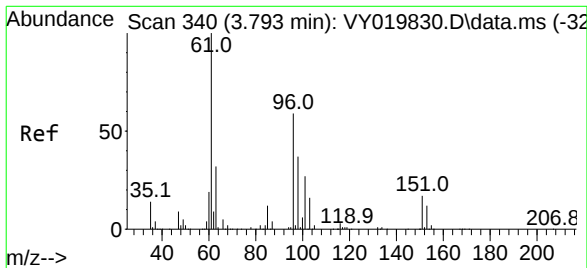
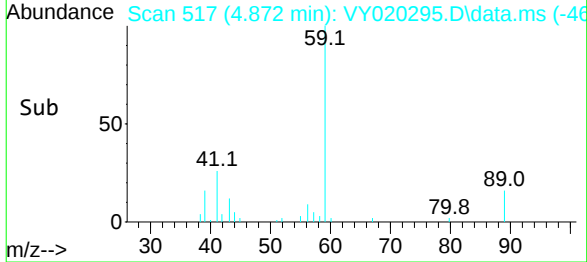
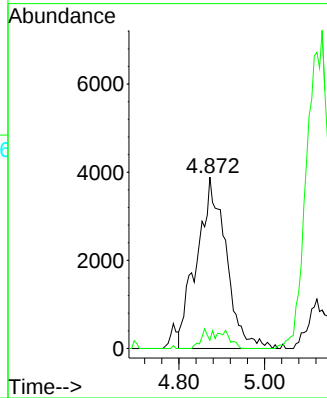
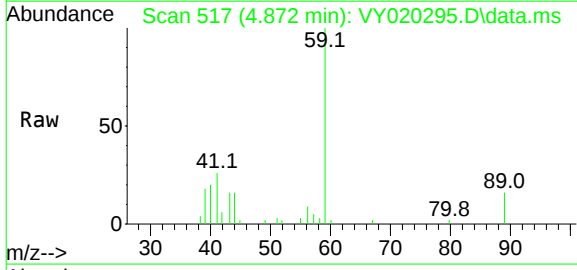
VY1113SBS02

Tgt Ion: 59 Resp: 18397

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.512 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

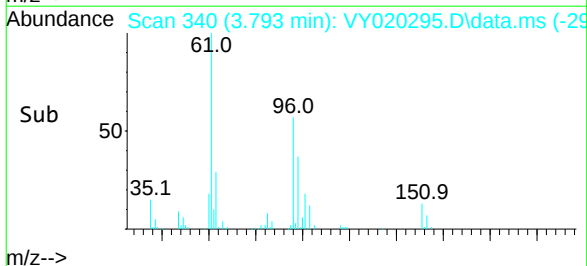
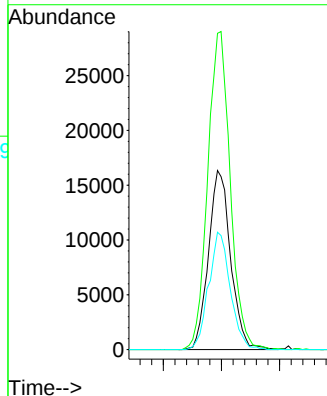
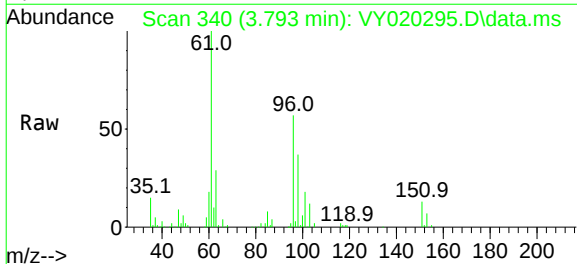
Tgt Ion: 96 Resp: 43286

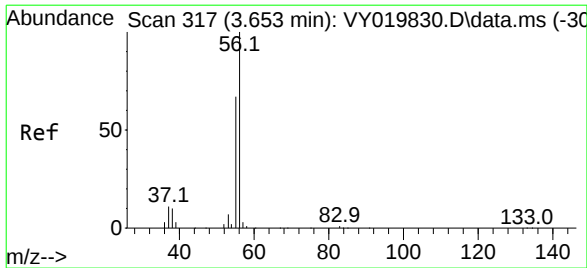
Ion Ratio Lower Upper

96 100

61 176.6 114.6 171.8#

98 65.5 50.8 76.2





#13

Acrolein

Concen: 68.361 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

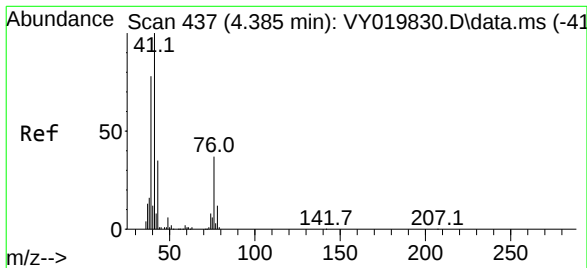
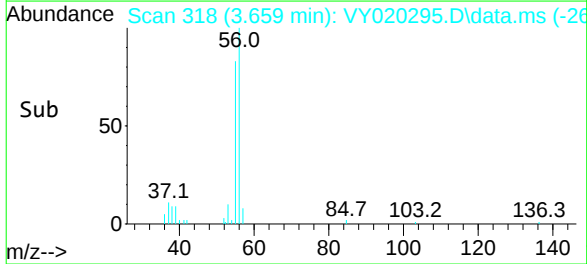
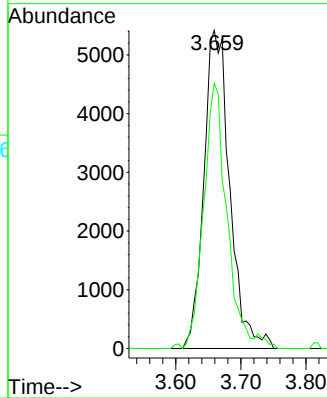
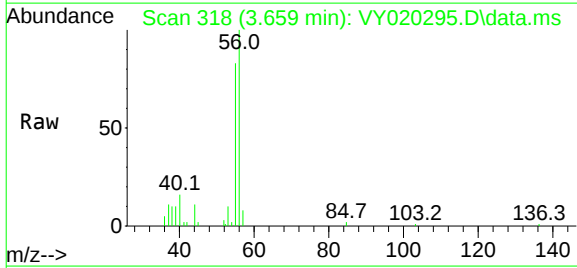
VY1113SBS02

Tgt Ion: 56 Resp: 14940

Ion Ratio Lower Upper

56 100

55 74.3 55.7 83.5



#14

Allyl chloride

Concen: 20.008 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

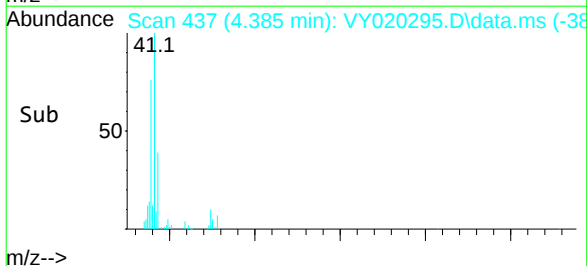
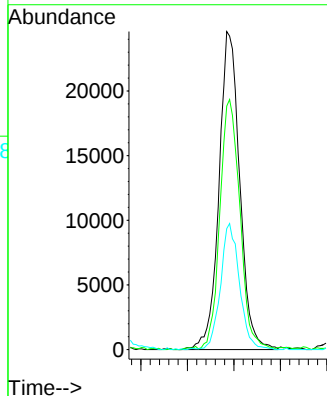
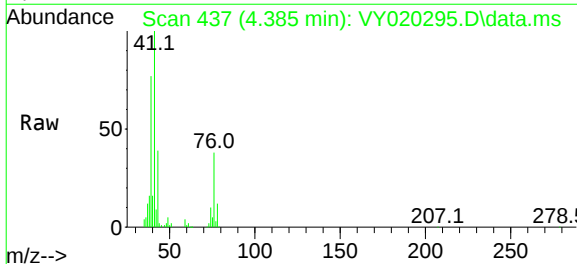
Tgt Ion: 41 Resp: 76177

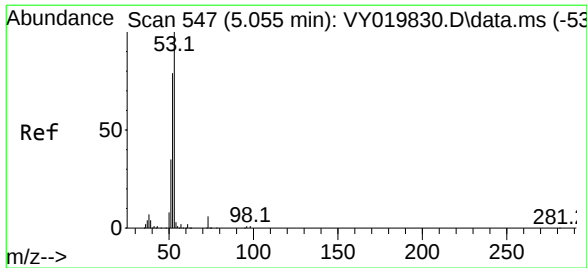
Ion Ratio Lower Upper

41 100

39 76.4 58.3 87.5

76 36.1 39.0 58.6#





#15

Acrylonitrile

Concen: 113.454 ug/l

RT: 5.074 min Scan# 55

Delta R.T. 0.019 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

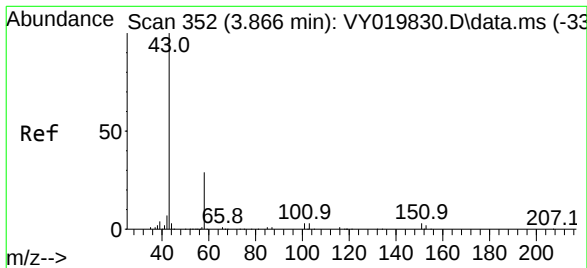
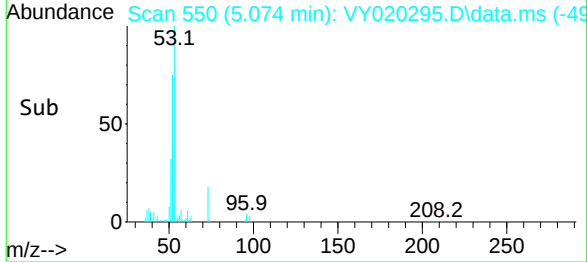
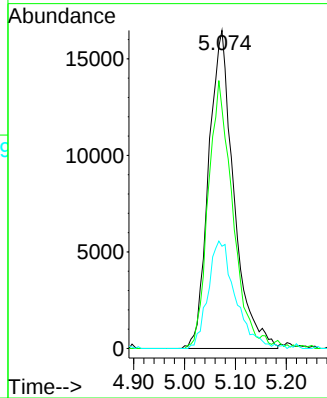
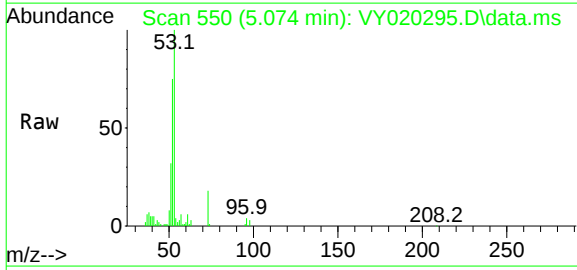
Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD02

Tgt Ion: 53	Resp: 56642
Ion Ratio	Lower Upper
53 100	
52 80.5	64.7 97.1
51 36.6	28.4 42.6



#16

Acetone

Concen: 104.913 ug/l

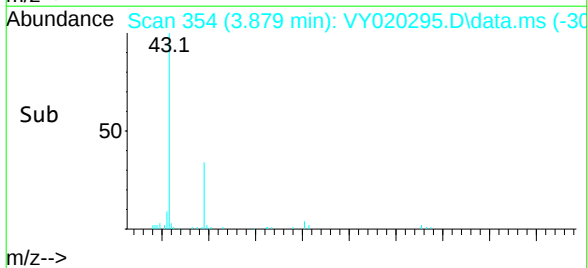
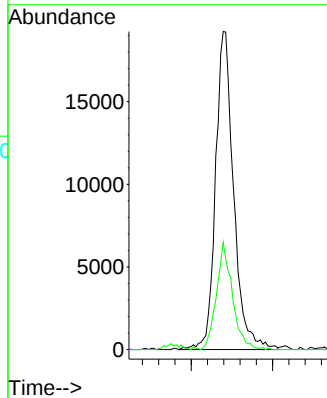
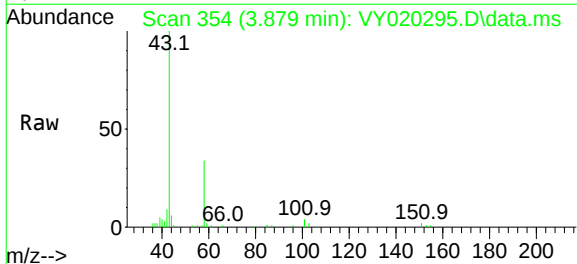
RT: 3.879 min Scan# 354

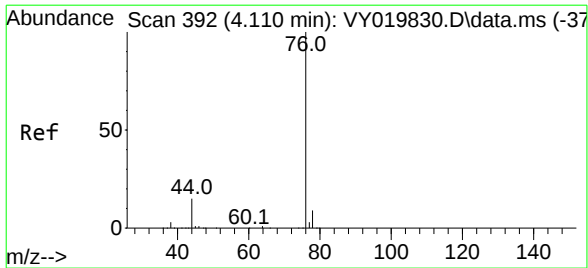
Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Tgt Ion: 43	Resp: 59548
Ion Ratio	Lower Upper
43 100	
58 33.8	31.7 47.5

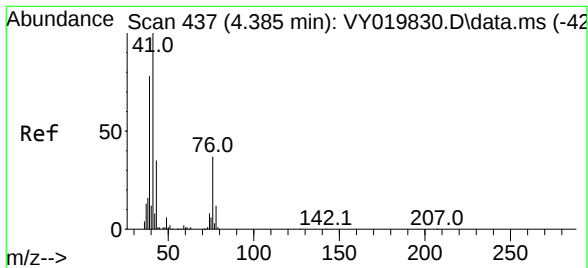
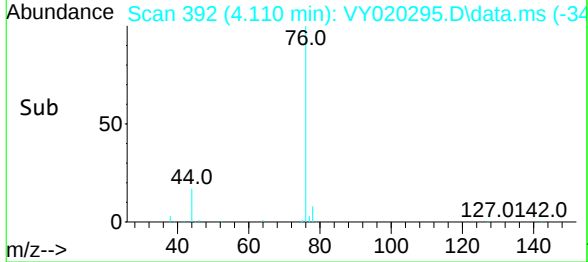
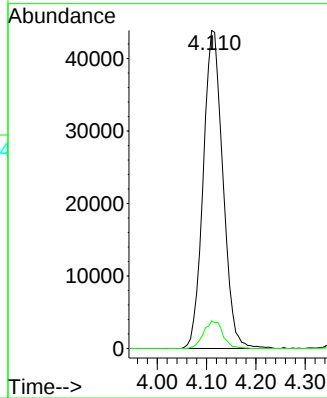
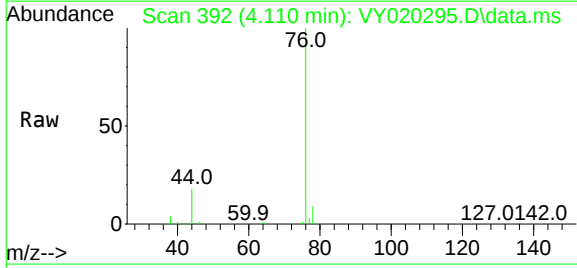




#17
Carbon Disulfide
Concen: 17.309 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

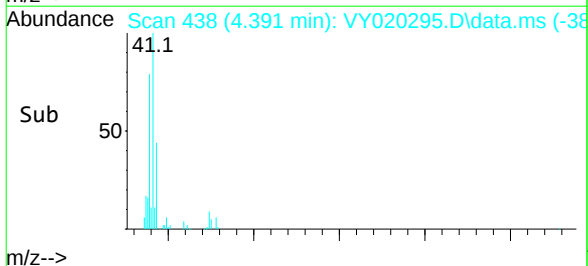
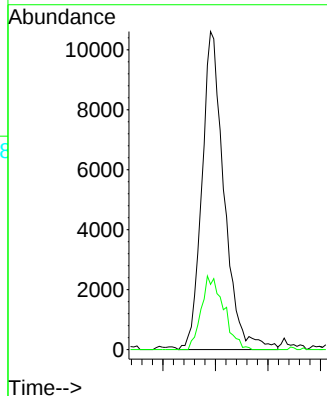
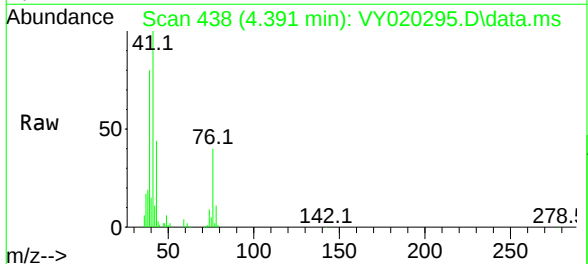
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

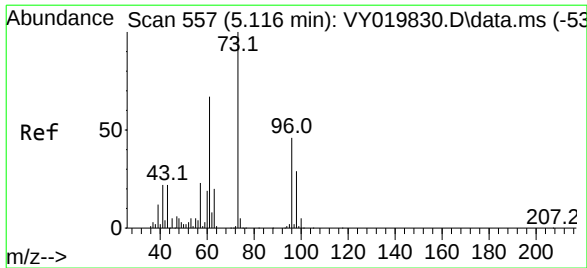
Tgt Ion: 76 Resp: 121557
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 23.394 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 43 Resp: 31154
Ion Ratio Lower Upper
43 100
74 23.4 23.3 34.9

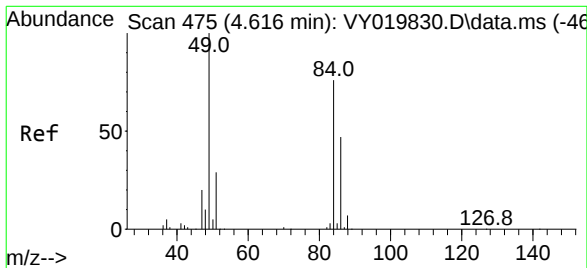
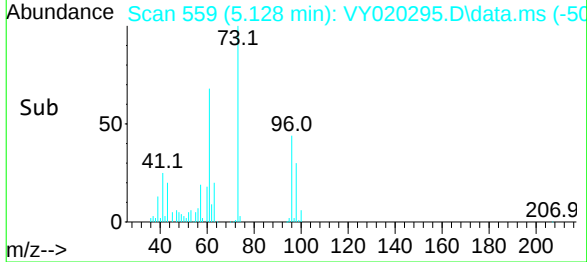
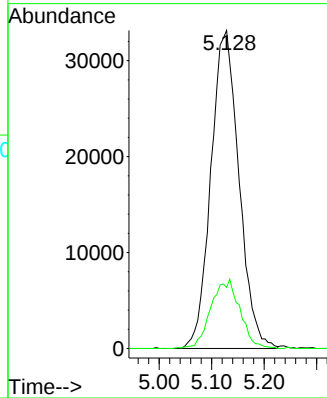
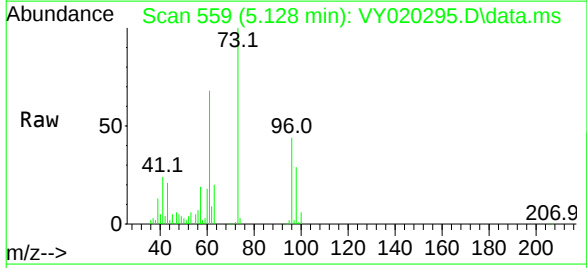




#19
Methyl tert-butyl Ether
Concen: 23.171 ug/l
RT: 5.128 min Scan# 557
Delta R.T. 0.012 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

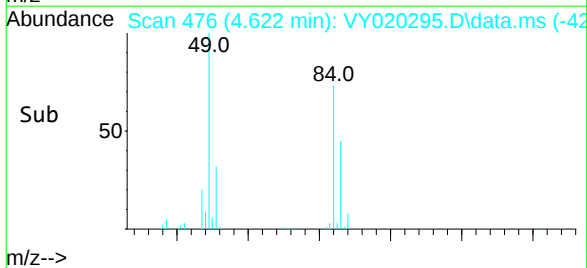
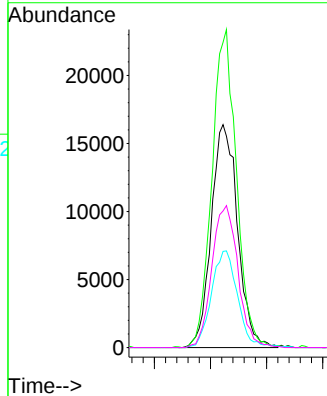
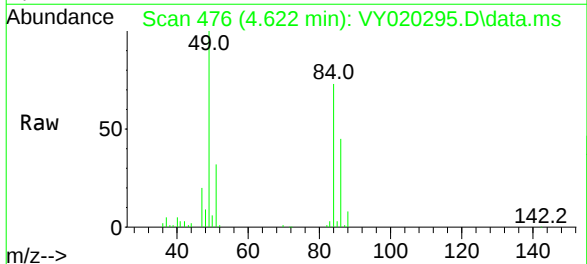
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS02

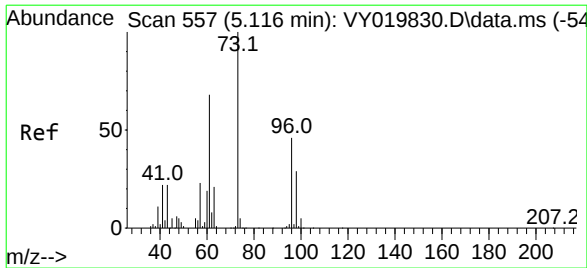
Tgt Ion: 73 Resp: 123017
Ion Ratio Lower Upper
73 100
57 19.2 17.3 25.9



#20
Methylene Chloride
Concen: 20.921 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 84 Resp: 53344
Ion Ratio Lower Upper
84 100
49 136.6 84.4 126.6#
51 43.2 26.0 39.0#
86 61.3 49.5 74.3

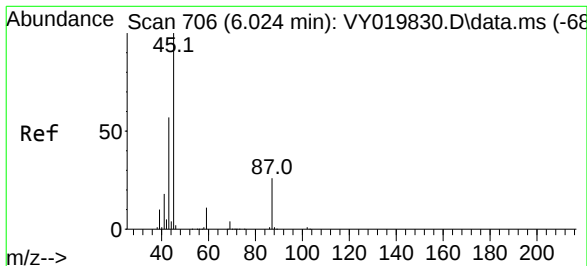
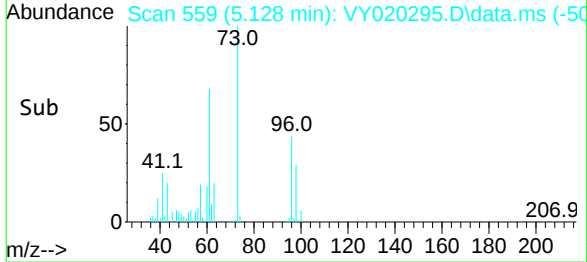
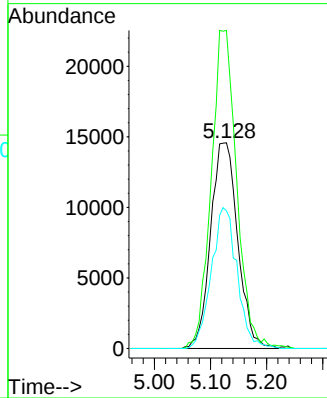
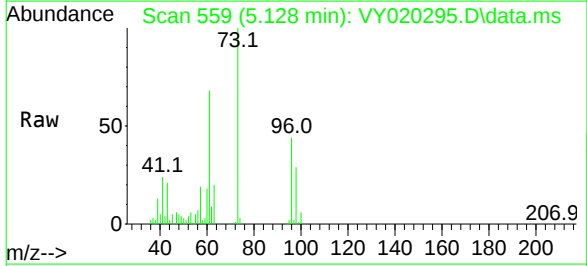




#21
trans-1,2-Dichloroethene
Concen: 20.579 ug/l
RT: 5.128 min Scan# 557
Delta R.T. 0.019 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

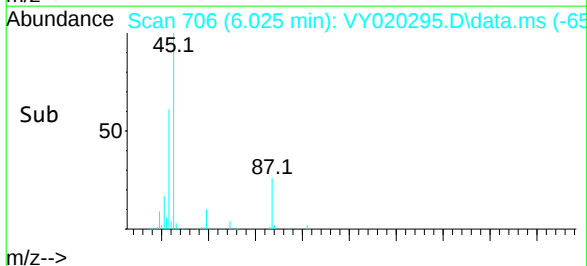
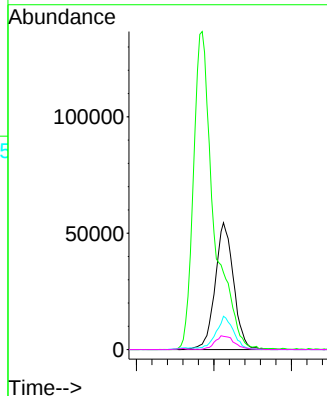
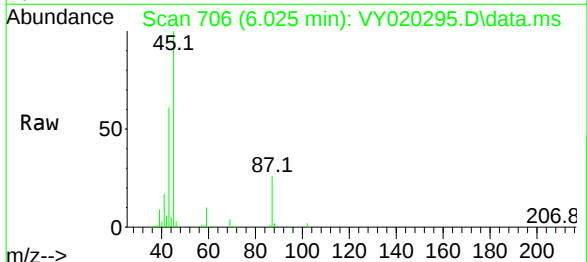
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

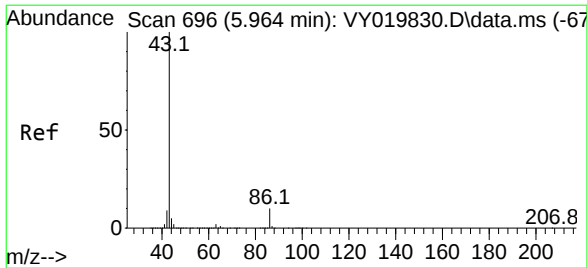
Tgt Ion: 96 Resp: 48978
Ion Ratio Lower Upper
96 100
61 154.6 97.5 146.3#
98 66.9 50.5 75.7



#22
Diisopropyl ether
Concen: 22.829 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 45 Resp: 180371
Ion Ratio Lower Upper
45 100
43 60.4 42.2 63.2
87 26.3 25.0 37.6
59 10.5 10.5 15.7#





#23

Vinyl Acetate

Concen: 112.415 ug/l

RT: 5.970 min Scan# 69

Delta R.T. 0.012 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

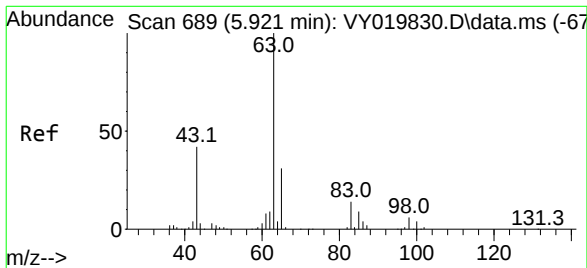
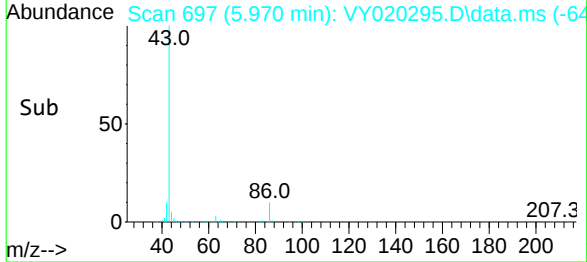
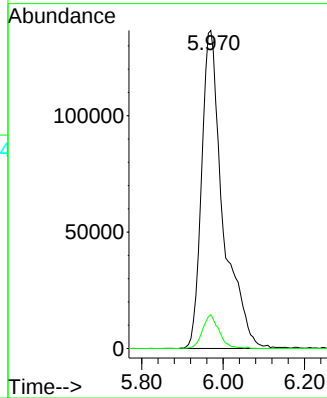
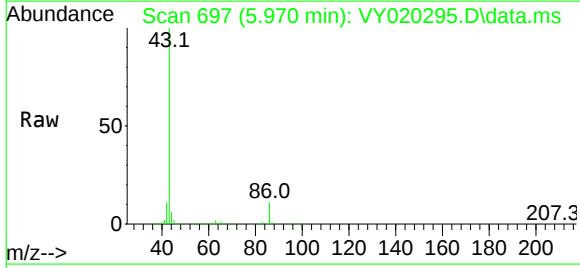
VY1113SBS02

Tgt Ion: 43 Resp: 499855

Ion Ratio Lower Upper

43 100

86 10.6 10.6 16.0#



#24

1,1-Dichloroethane

Concen: 26.706 ug/l

RT: 5.921 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

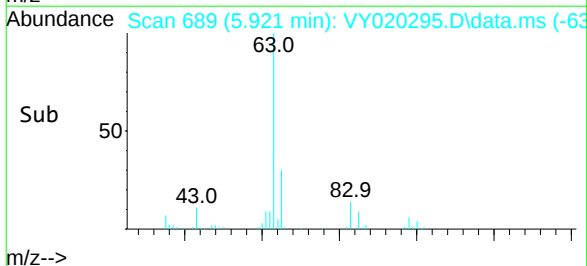
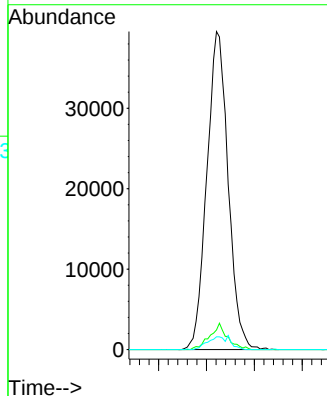
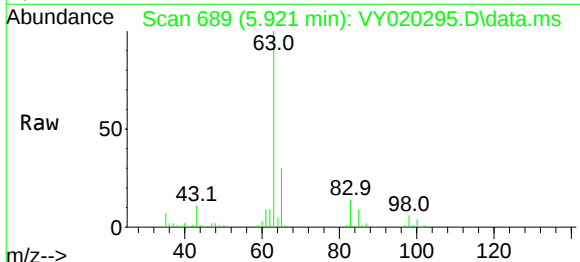
Tgt Ion: 63 Resp: 122181

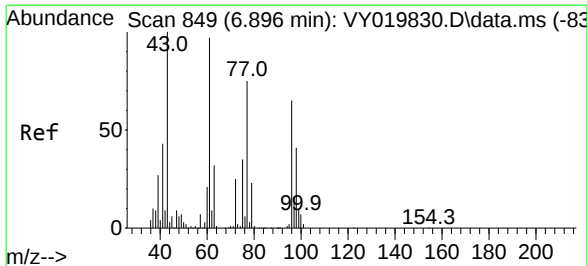
Ion Ratio Lower Upper

63 100

98 6.2 4.0 12.2

100 4.0 2.6 8.0

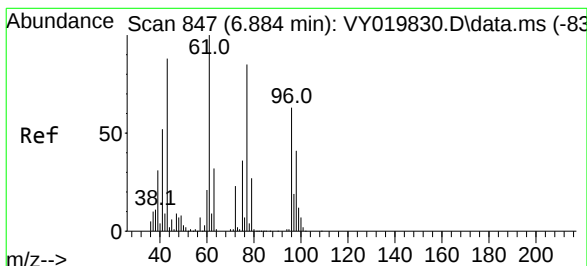
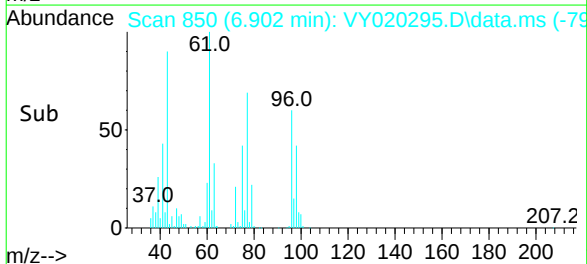
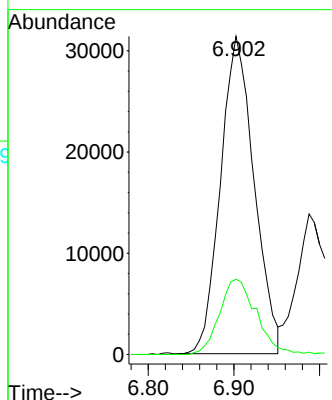
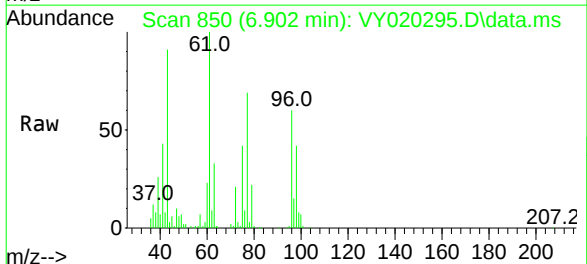




#25
2-Butanone
Concen: 111.140 ug/l
RT: 6.902 min Scan# 85
Delta R.T. 0.012 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

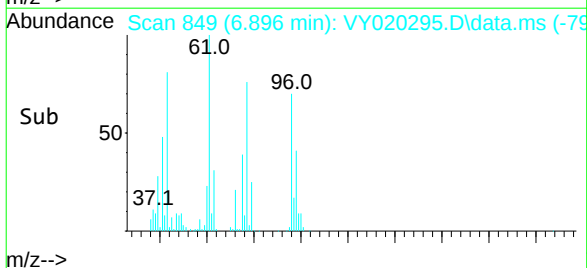
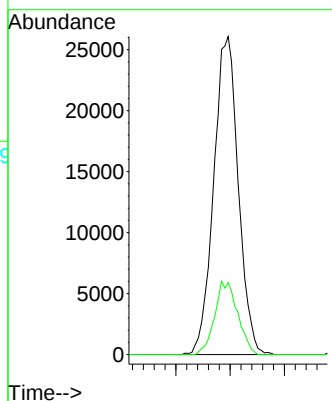
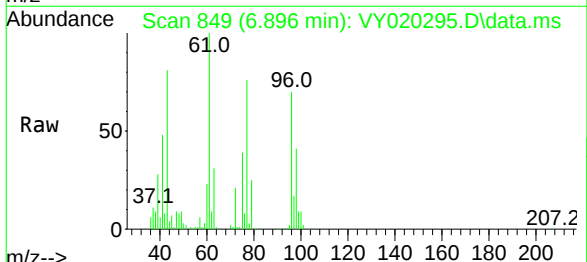
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS02

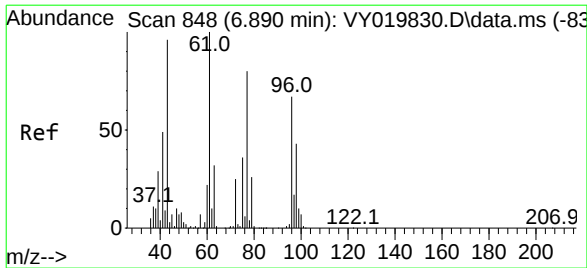
Tgt Ion: 43 Resp: 85511
Ion Ratio Lower Upper
43 100
72 23.7 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.524 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 77 Resp: 81934
Ion Ratio Lower Upper
77 100
97 21.5 12.0 36.1

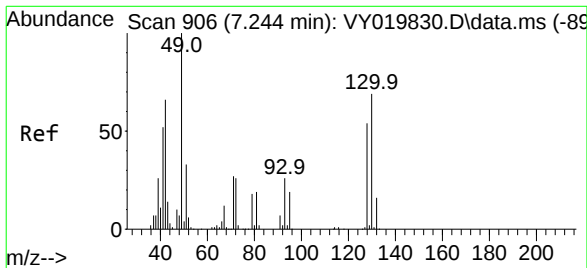
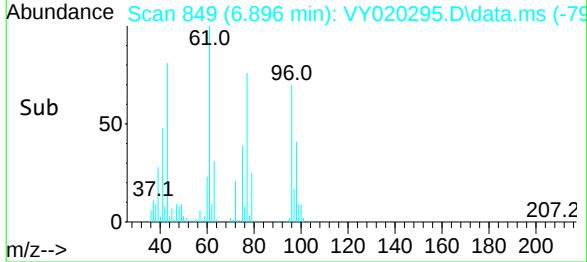
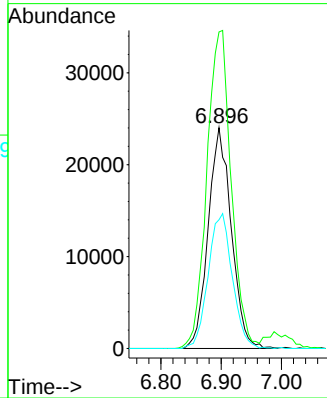
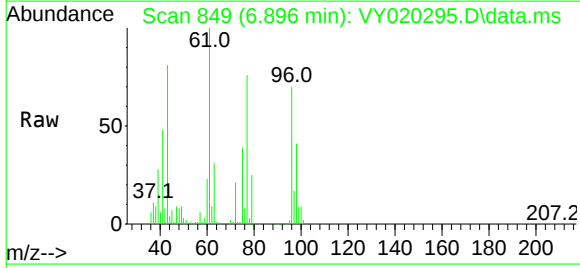




#27
 cis-1,2-Dichloroethene
 Concen: 23.457 ug/l
 RT: 6.896 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VY020295.D
 Acq: 13 Nov 2024 19:55

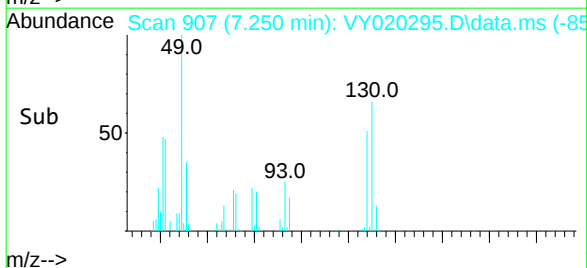
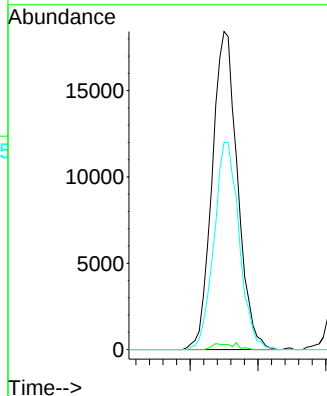
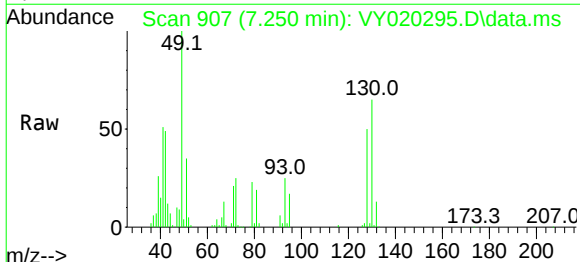
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD02

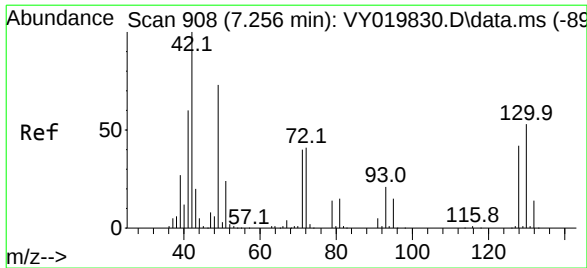
Tgt Ion: 96 Resp: 64176
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 256.2
 98 63.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 22.358 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020295.D
 Acq: 13 Nov 2024 19:55

Tgt Ion: 49 Resp: 47896
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 64.8 72.7 109.1#





#29

Tetrahydrofuran

Concen: 122.854 ug/l

RT: 7.268 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS02

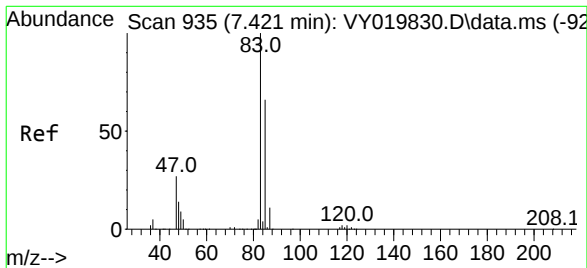
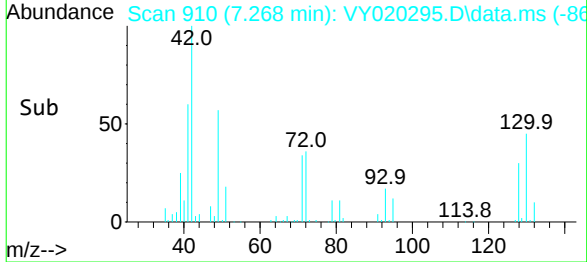
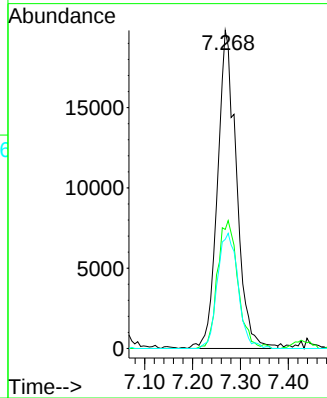
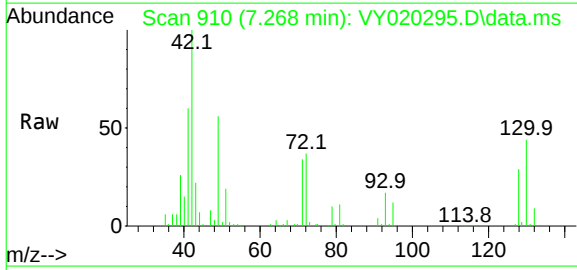
Tgt Ion: 42 Resp: 54550

Ion Ratio Lower Upper

42 100

72 42.8 43.0 64.4#

71 39.6 40.8 61.2#



#30

Chloroform

Concen: 29.653 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020295.D

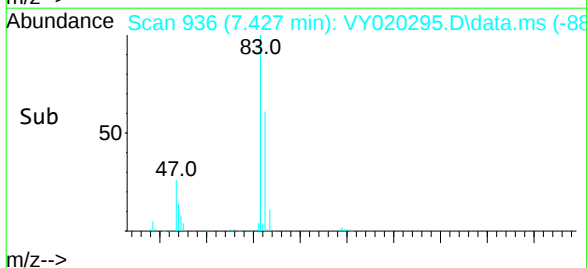
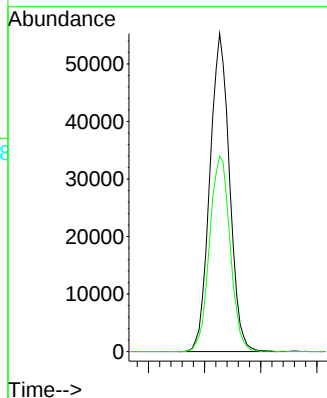
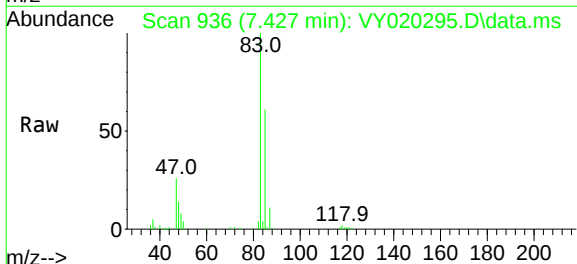
Acq: 13 Nov 2024 19:55

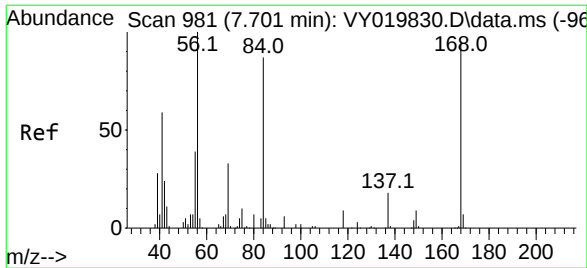
Tgt Ion: 83 Resp: 134623

Ion Ratio Lower Upper

83 100

85 61.5 52.2 78.4

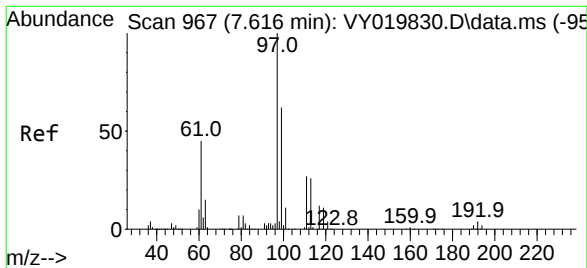
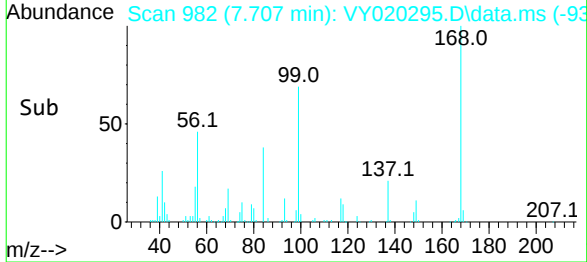
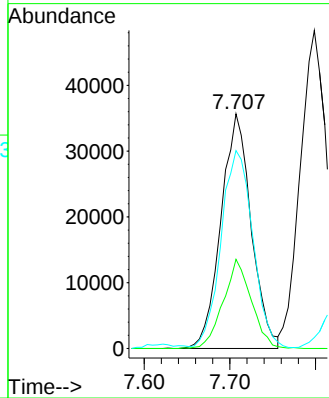
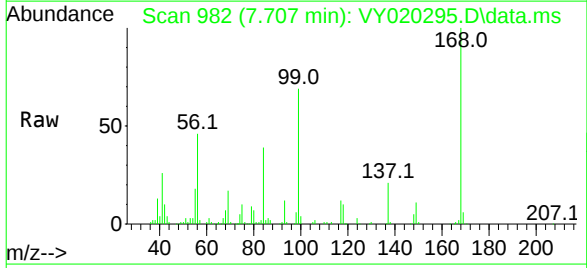




#31
Cyclohexane
Concen: 19.767 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

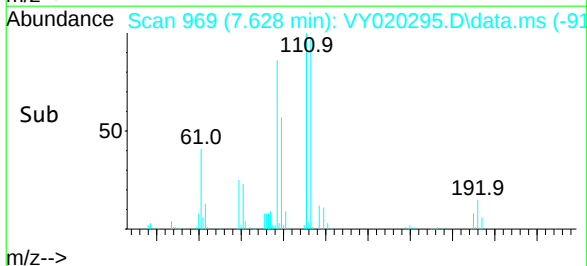
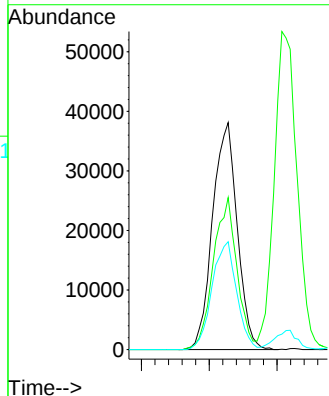
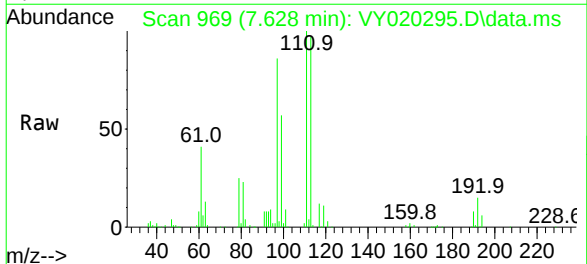
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

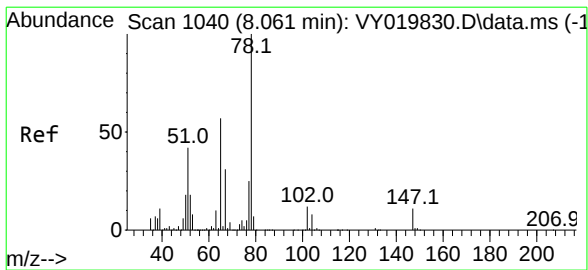
Tgt Ion: 56 Resp: 87552
Ion Ratio Lower Upper
56 100
69 38.0 28.7 43.1
84 83.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 24.296 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 97 Resp: 96302
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 47.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 56.402 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

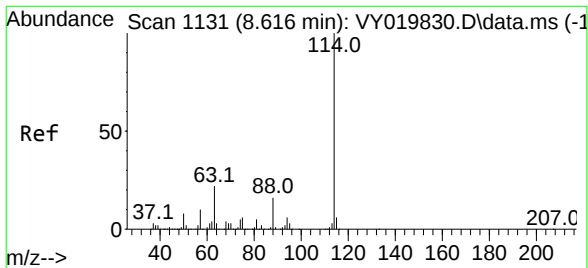
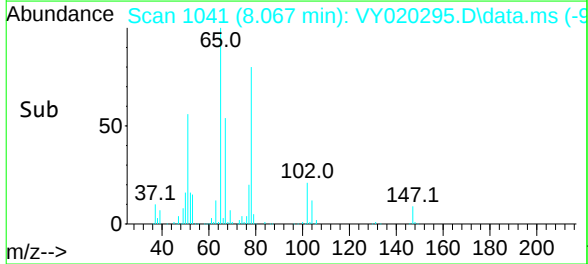
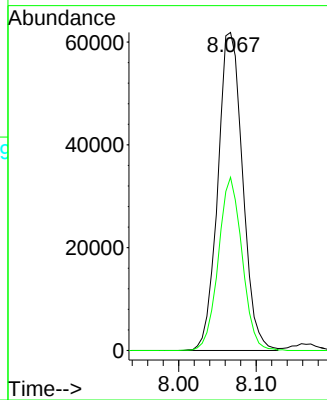
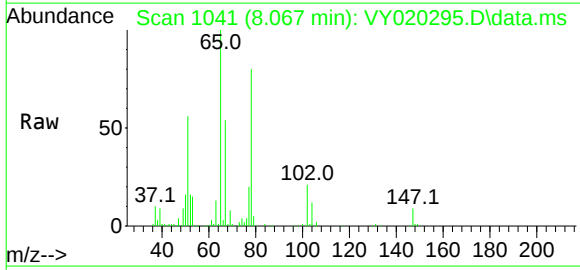
VY1113SBSD02

Tgt Ion: 65 Resp: 137661

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

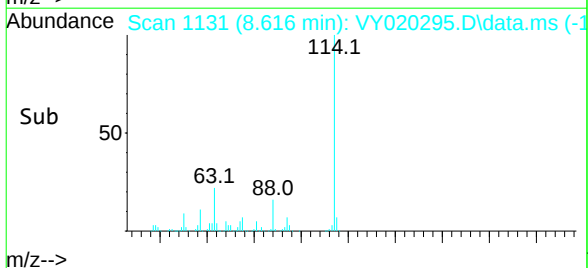
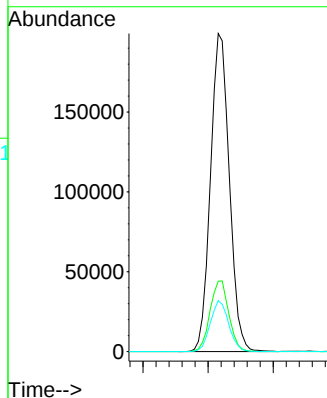
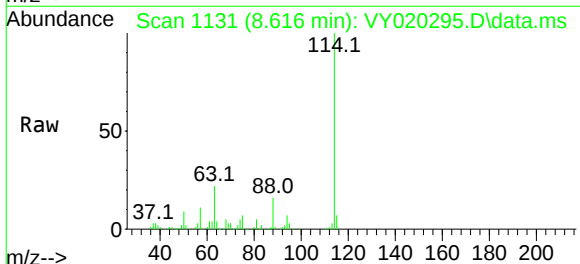
Tgt Ion: 114 Resp: 400340

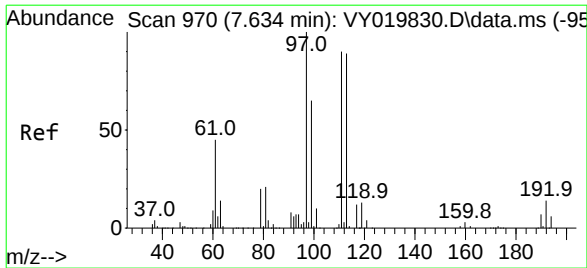
Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.0

88 16.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.257 ug/l

RT: 7.634 min Scan# 97

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS02

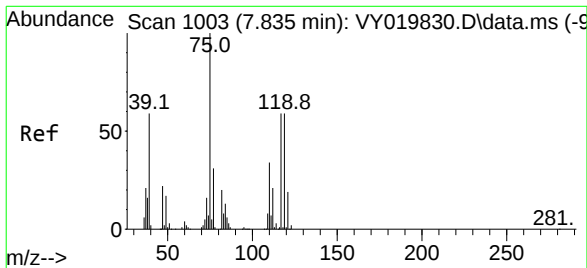
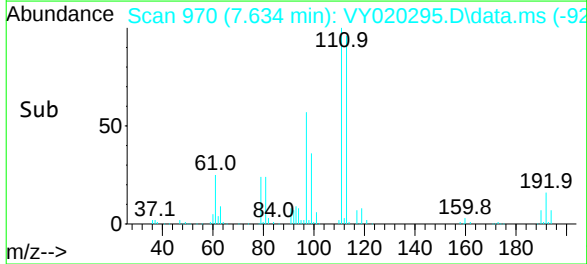
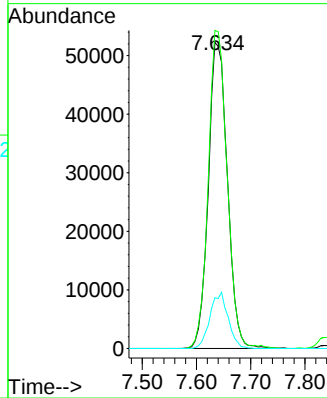
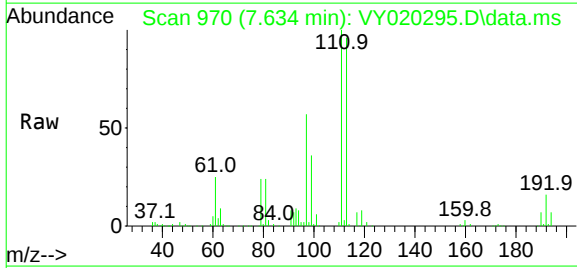
Tgt Ion:113 Resp: 127921

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 17.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 18.541 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

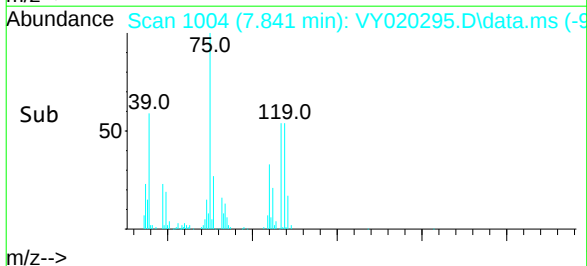
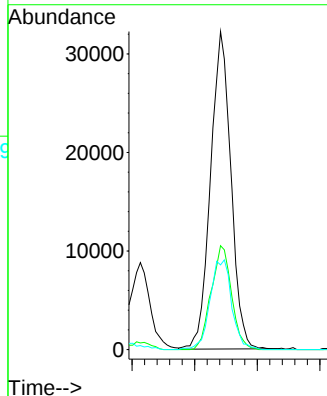
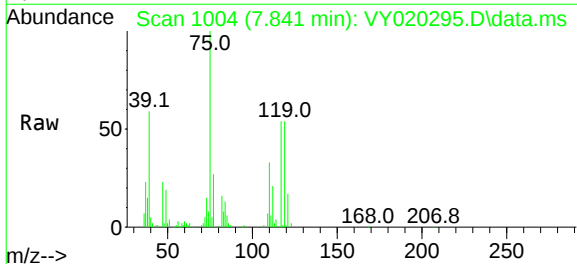
Tgt Ion: 75 Resp: 72904

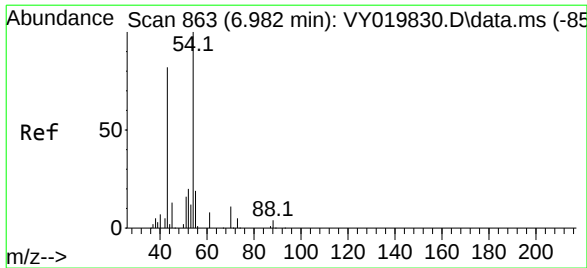
Ion Ratio Lower Upper

75 100

110 32.7 19.0 57.0

77 30.1 25.3 37.9

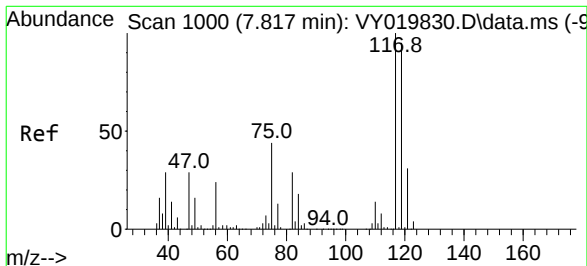
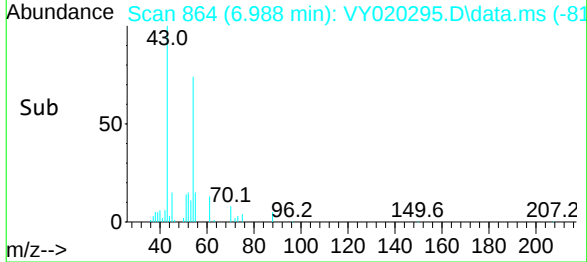
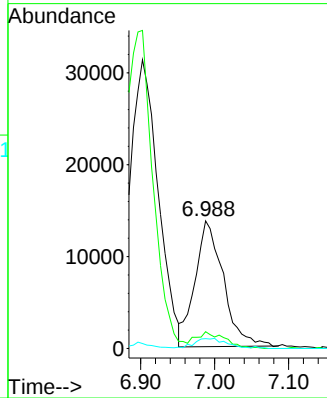
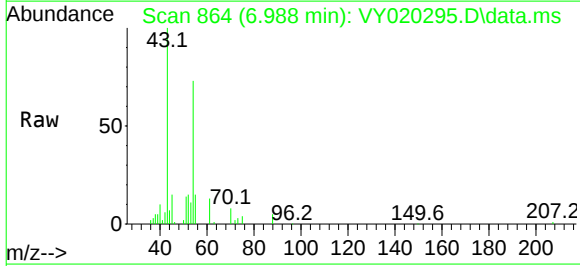




#37
Ethyl Acetate
Concen: 19.433 ug/l
RT: 6.988 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

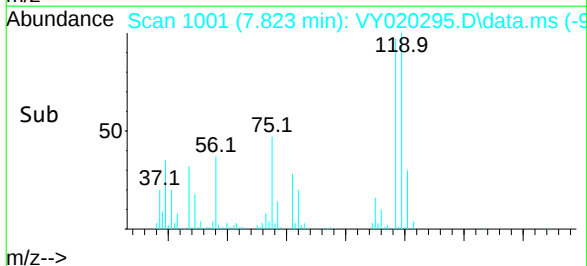
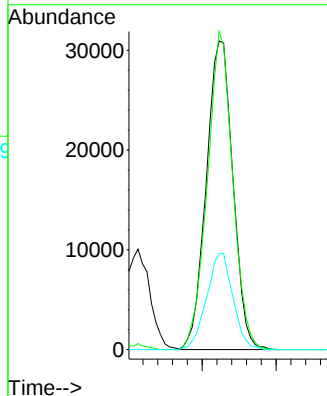
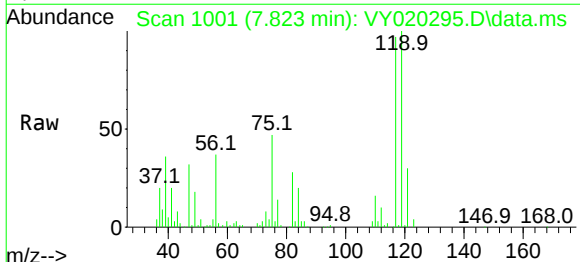
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

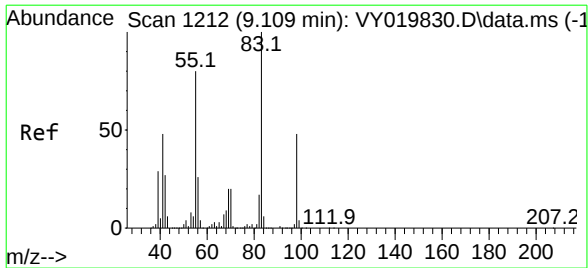
Tgt Ion: 43 Resp: 36430
Ion Ratio Lower Upper
43 100
61 13.6 12.6 19.0
70 9.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.604 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 117 Resp: 77514
Ion Ratio Lower Upper
117 100
119 103.1 75.8 113.6
121 31.0 24.0 36.0

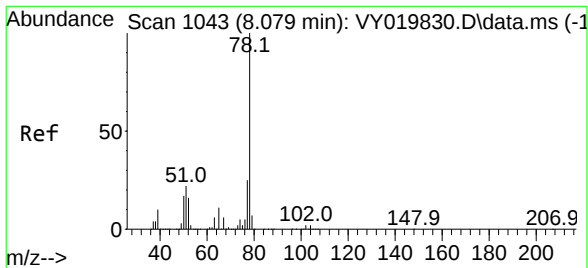
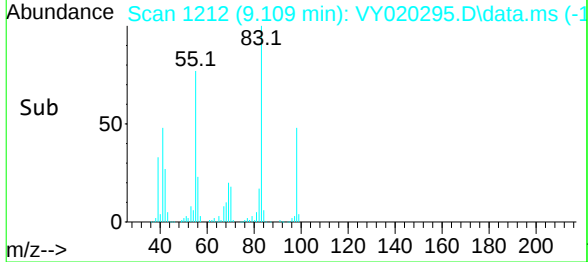
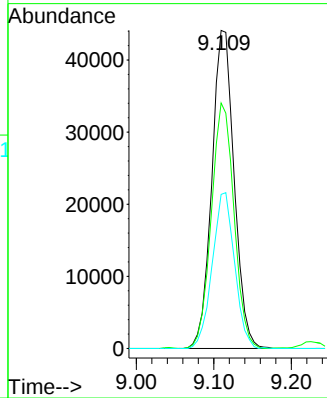
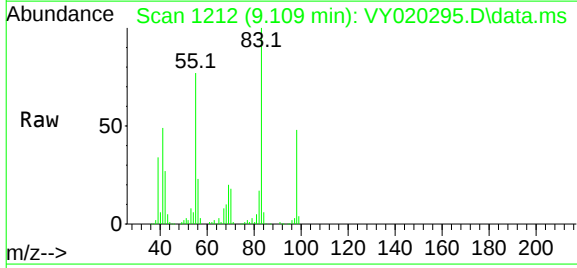




#39
Methylcyclohexane
Concen: 17.704 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

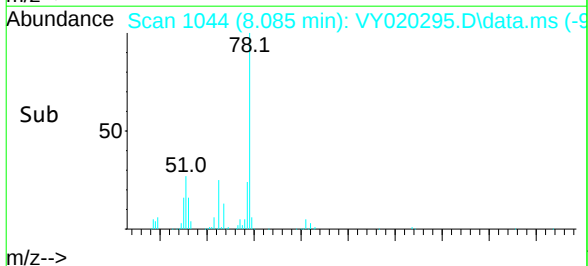
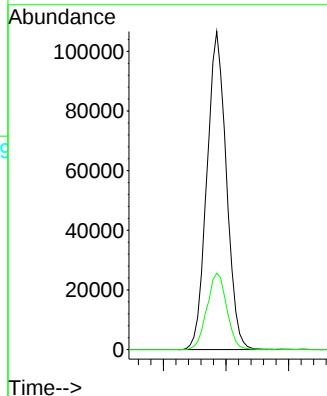
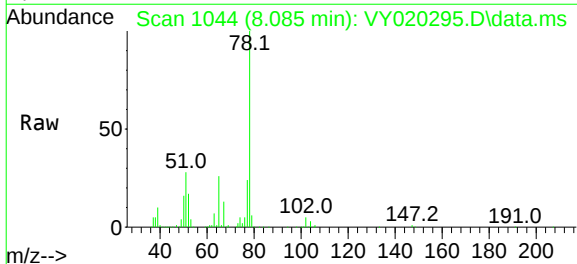
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

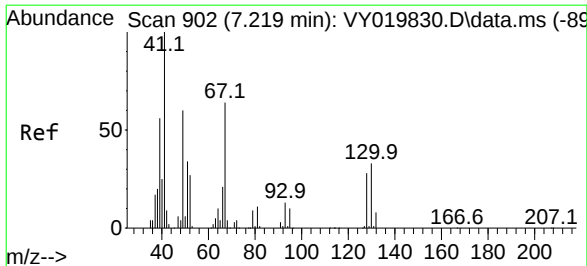
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.2	51.5	77.3
98	48.4	40.5	60.7



#40
Benzene
Concen: 20.080 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3

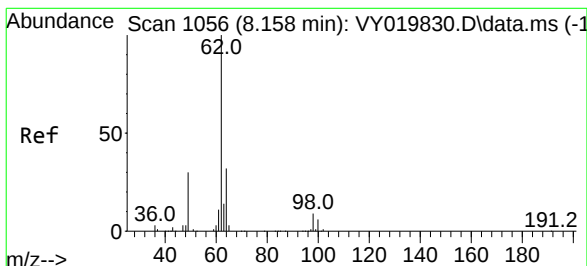
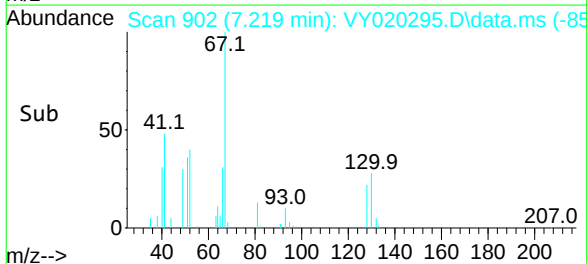
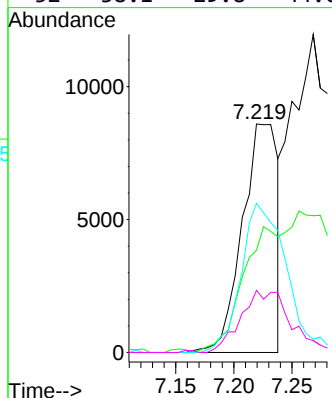
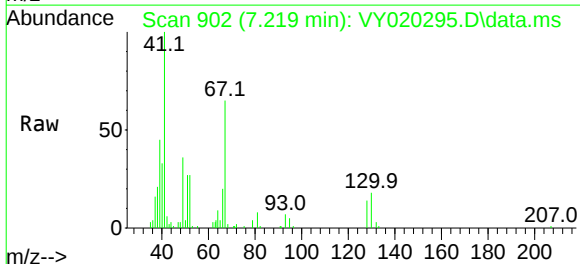




#41
Methacrylonitrile
Concen: 19.404 ug/l
RT: 7.219 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

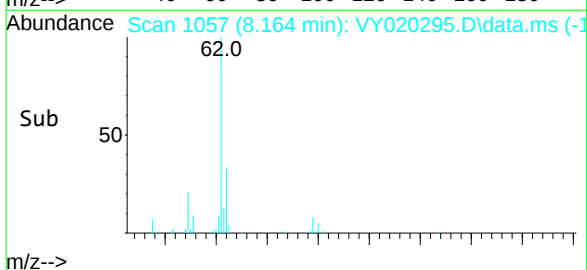
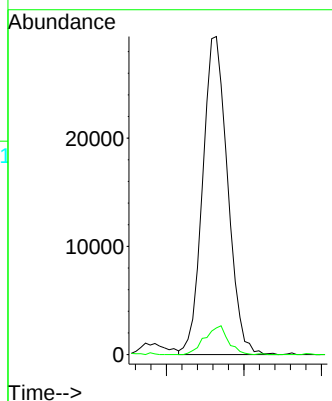
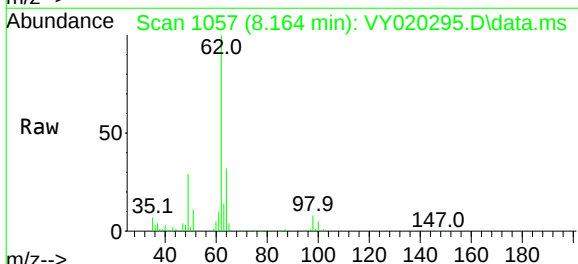
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

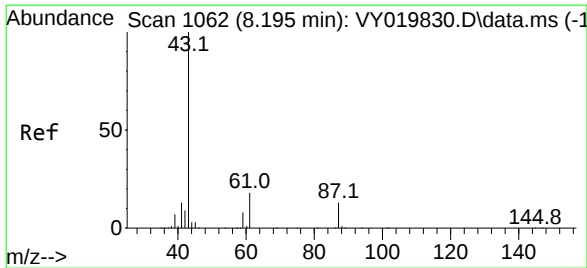
Tgt Ion:	41	Resp:	18222
Ion	Ratio	Lower	Upper
41	100		
39	56.0	48.0	72.0
67	85.0	75.1	112.7
52	38.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.700 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion:	62	Resp:	65760
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	22.0

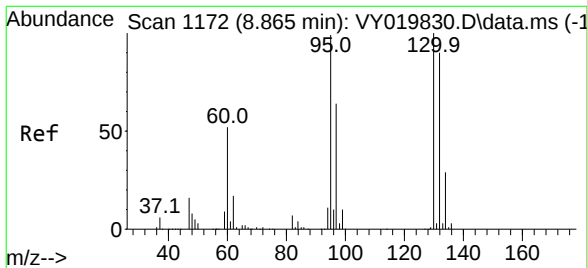
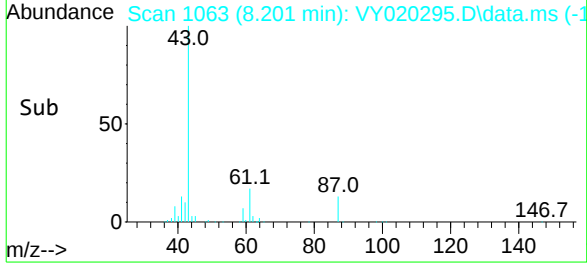
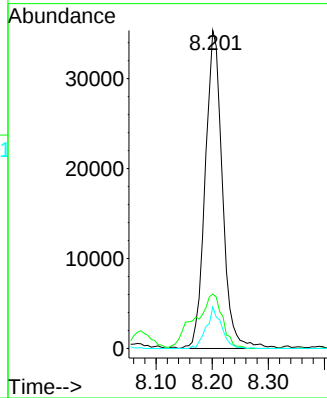
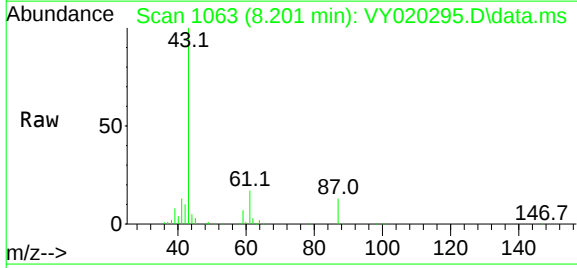




#43
Isopropyl Acetate
Concen: 20.863 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

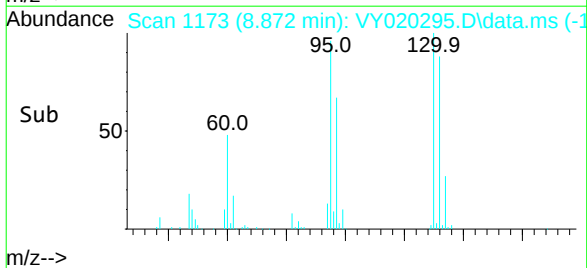
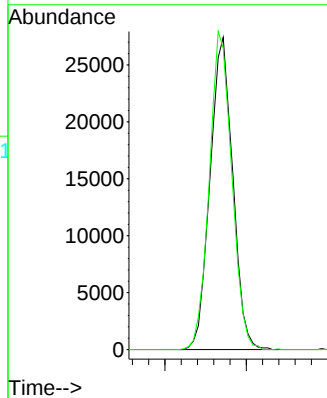
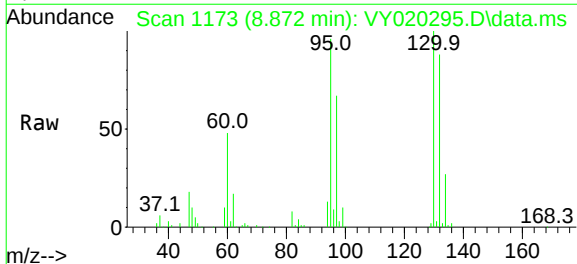
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS02

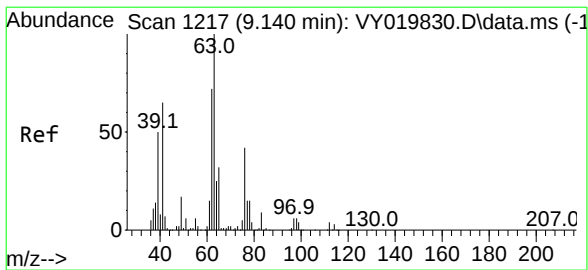
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.6	27.9	41.9#
87	11.4	13.1	19.7#



#44
Trichloroethene
Concen: 19.955 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.241 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

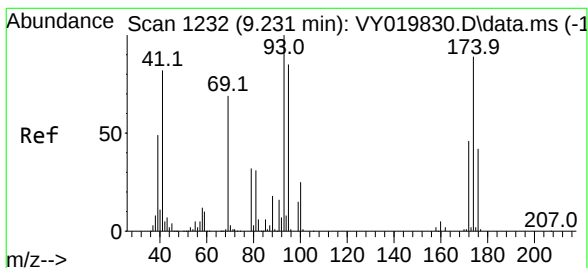
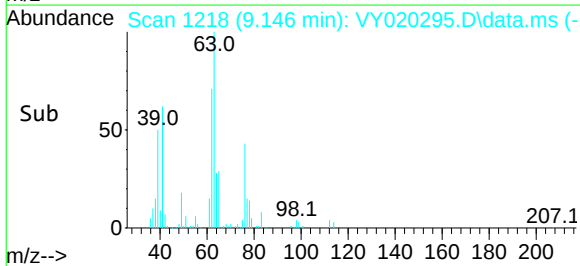
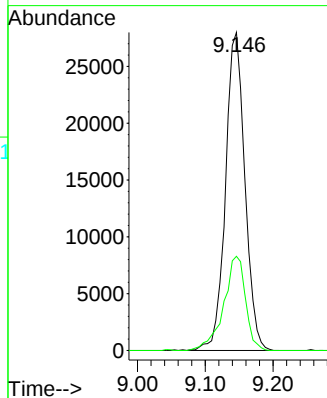
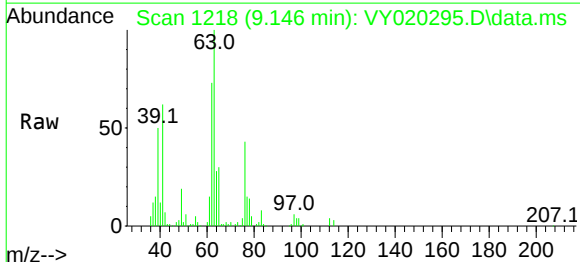
VY1113SBSD02

Tgt Ion: 63 Resp: 55579

Ion Ratio Lower Upper

63 100

65 29.6 25.4 38.2



#46

Dibromomethane

Concen: 19.276 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

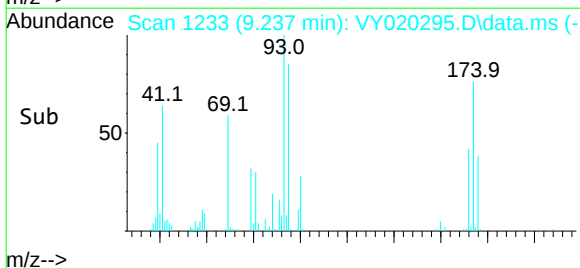
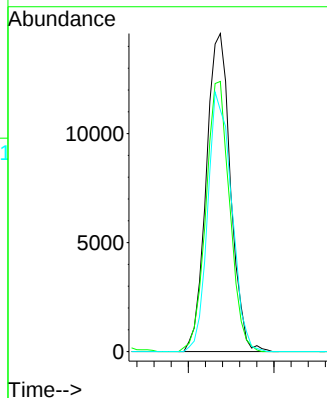
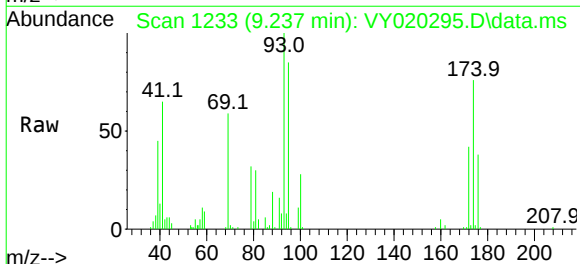
Tgt Ion: 93 Resp: 28679

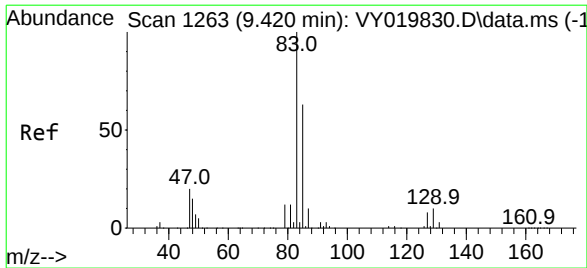
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 80.5 80.9 121.3#

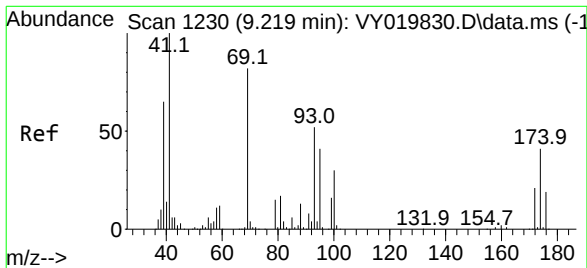
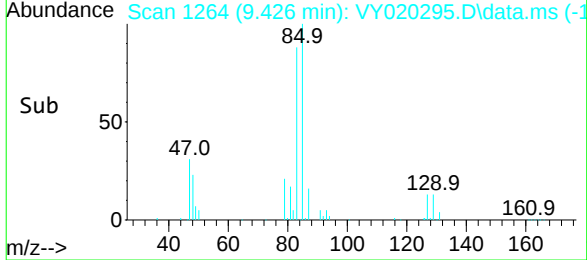
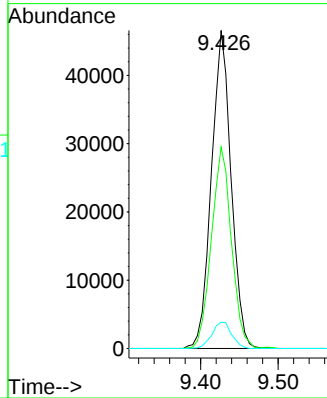
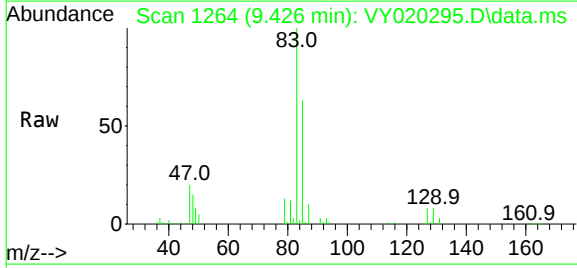




#47
Bromodichloromethane
Concen: 21.069 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

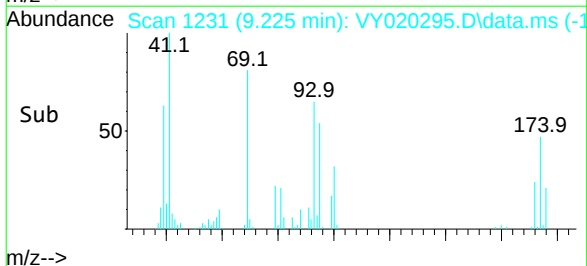
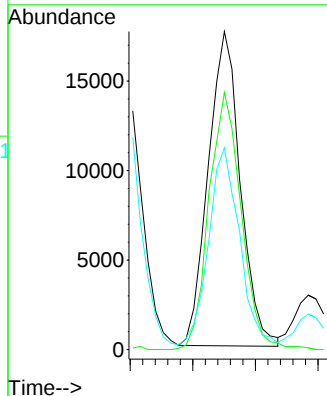
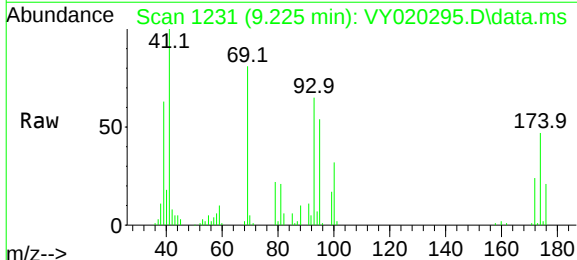
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

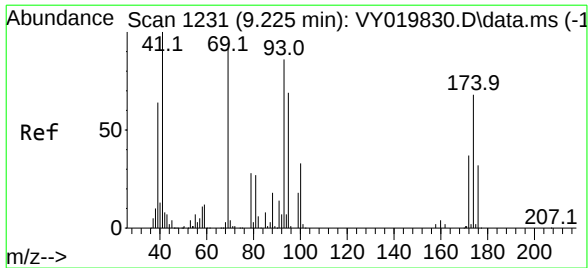
Tgt Ion: 83 Resp: 82119
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 18.764 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 41 Resp: 31332
Ion Ratio Lower Upper
41 100
69 82.2 84.1 126.1#
39 60.7 43.6 65.4

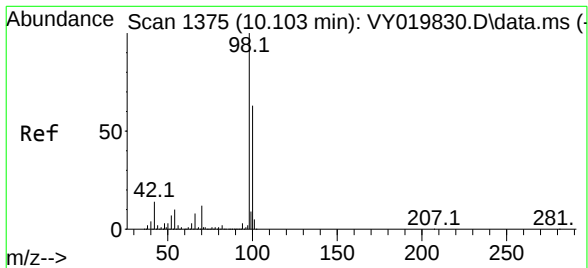
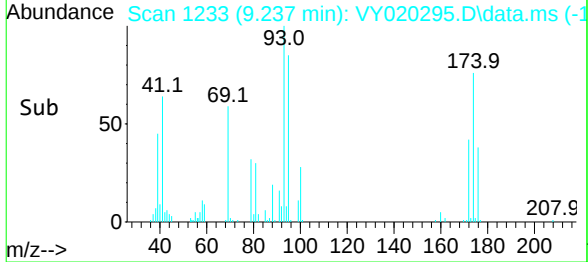
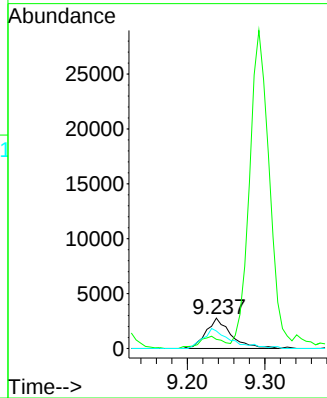
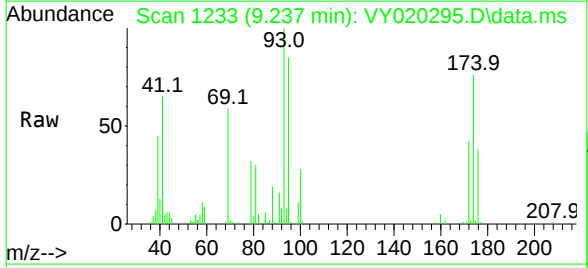




#49
1,4-Dioxane
Concen: 404.822 ug/l
RT: 9.237 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

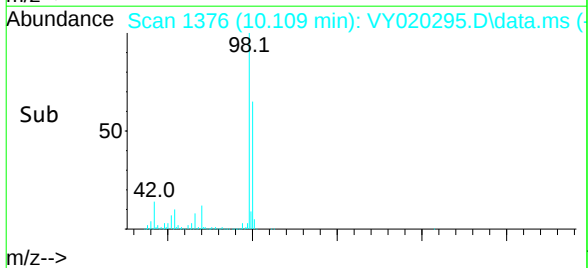
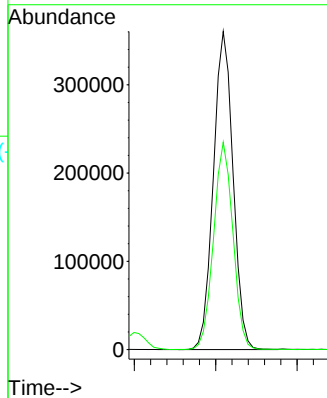
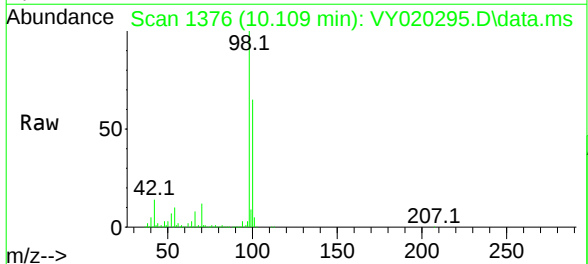
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

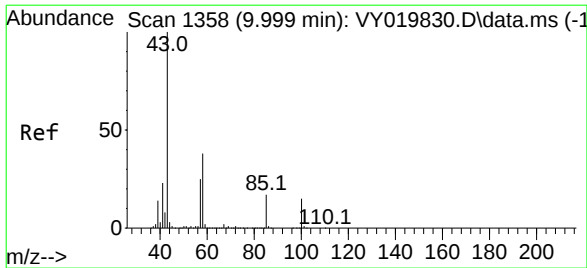
Tgt Ion: 88 Resp: 6201
Ion Ratio Lower Upper
88 100
43 37.9 0.0 0.0#
58 69.7 49.3 73.9



#50
Toluene-d8
Concen: 59.715 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 98 Resp: 605015
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

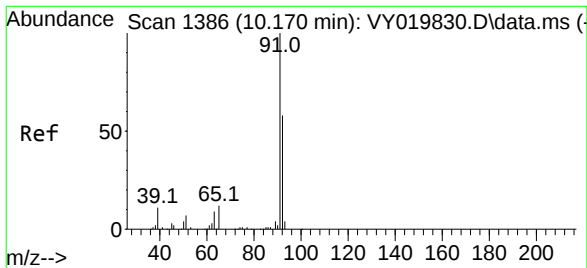
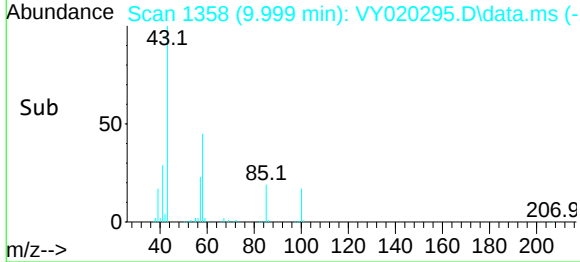
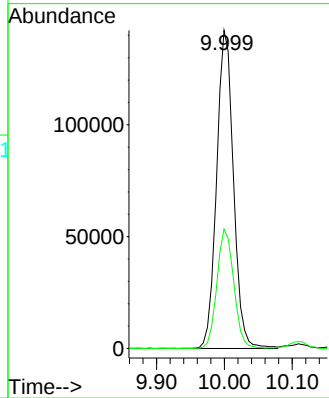
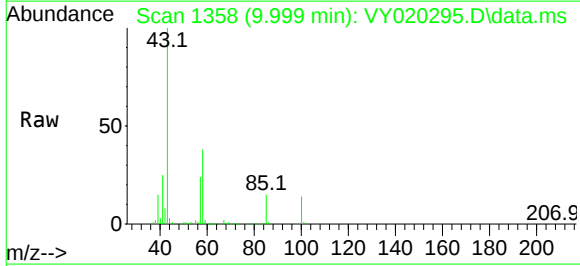




#51
4-Methyl-2-Pentanone
Concen: 132.194 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

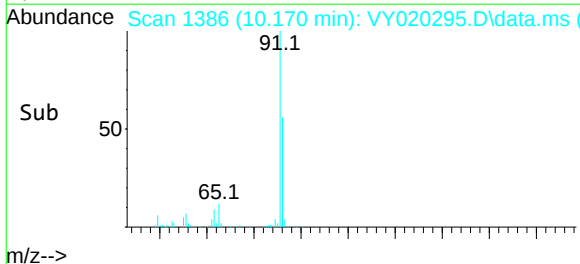
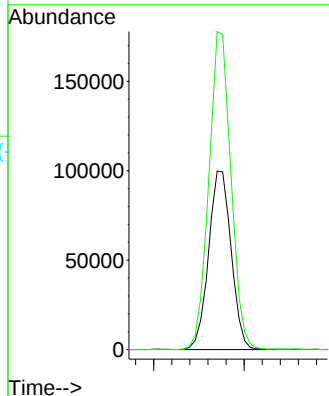
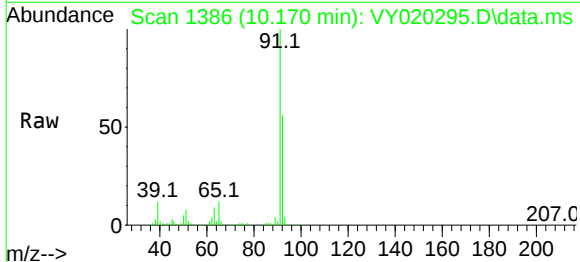
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

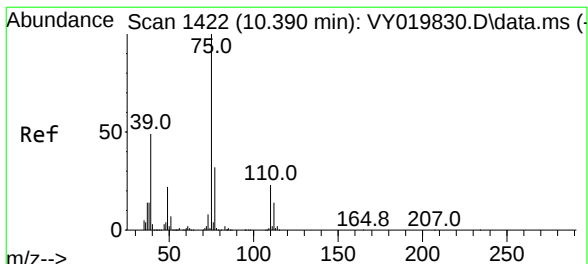
Tgt Ion: 43 Resp: 245546
Ion Ratio Lower Upper
43 100
58 37.6 35.7 53.5



#52
Toluene
Concen: 24.525 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 92 Resp: 173502
Ion Ratio Lower Upper
92 100
91 174.5 139.0 208.6

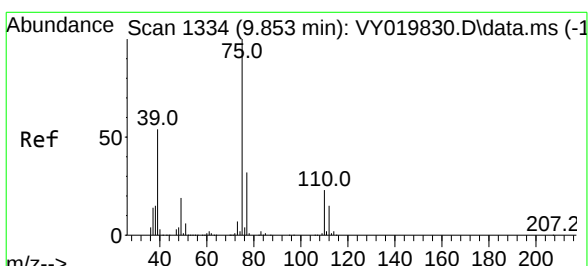
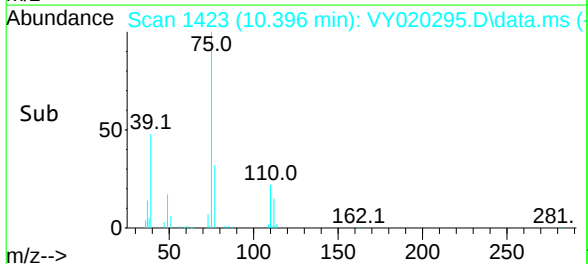
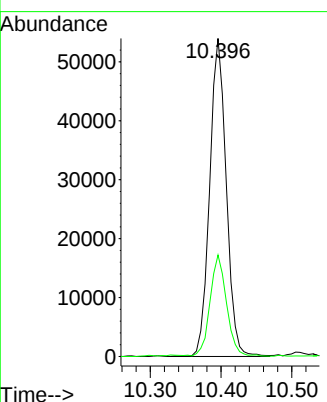
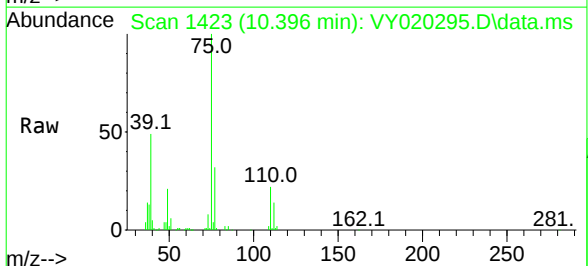




#53
 t-1,3-Dichloropropene
 Concen: 25.536 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020295.D
 Acq: 13 Nov 2024 19:55

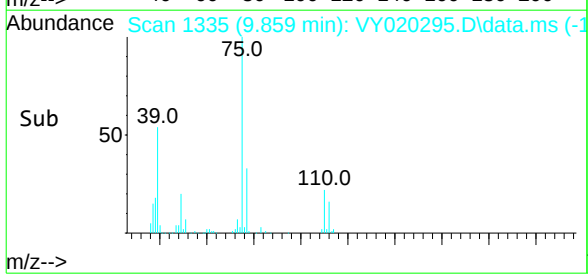
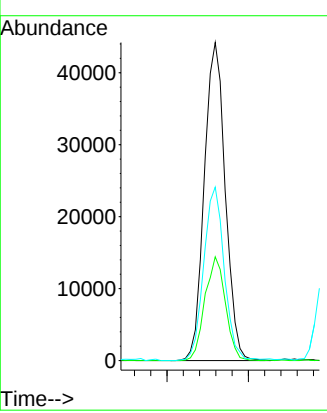
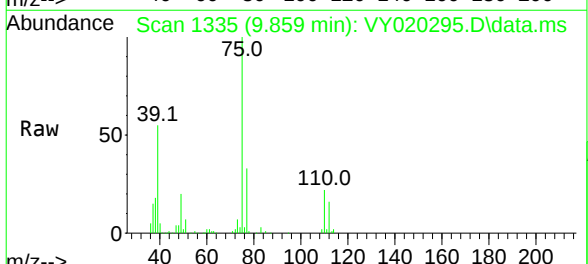
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD02

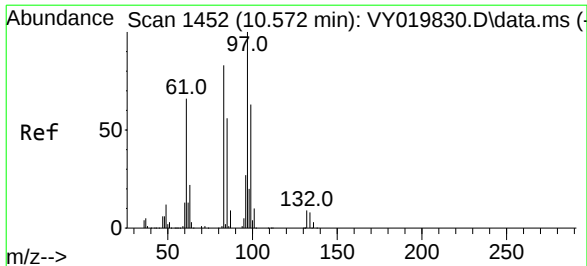
Tgt Ion:	75	Resp:	87890
Ion Ratio	Lower	Upper	
75	100		
77	31.8	24.1	36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.274 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020295.D
 Acq: 13 Nov 2024 19:55

Tgt Ion:	75	Resp:	79179
Ion Ratio	Lower	Upper	
75	100		
77	32.6	25.4	38.0
39	54.6	29.8	44.6#





#55

1,1,2-Trichloroethane

Concen: 26.835 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD02

Tgt Ion: 97 Resp: 49641

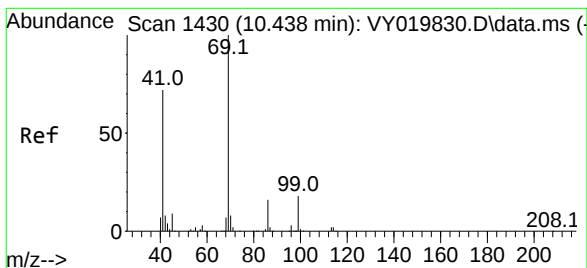
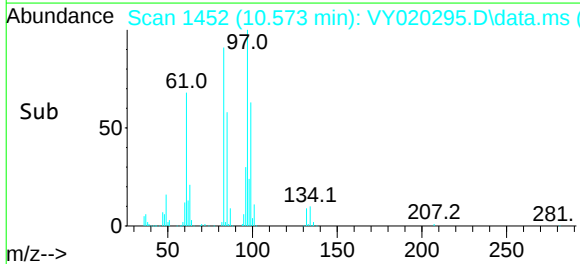
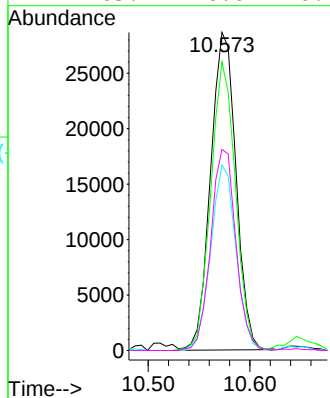
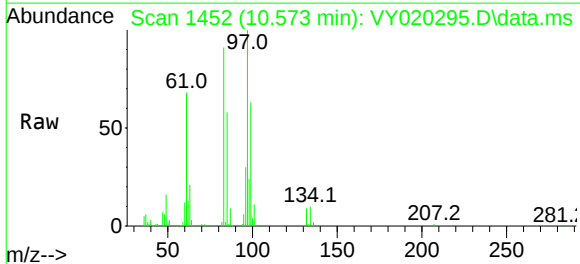
Ion Ratio Lower Upper

97 100

83 90.5 67.5 101.3

85 58.4 42.9 64.3

99 63.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 24.510 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

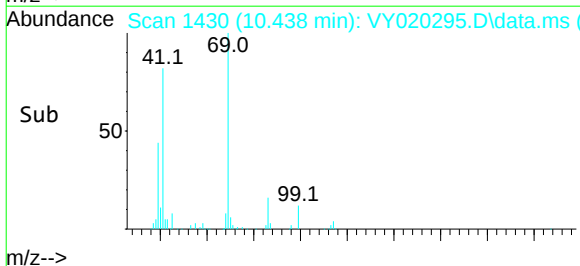
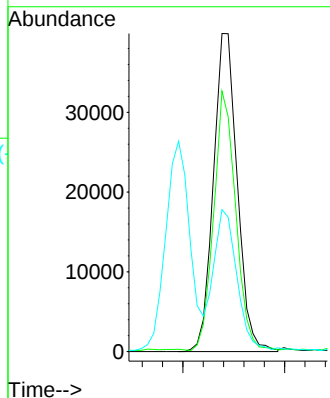
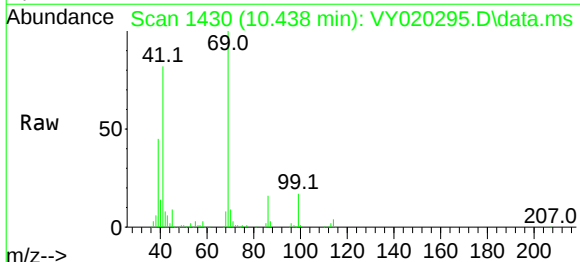
Tgt Ion: 69 Resp: 65038

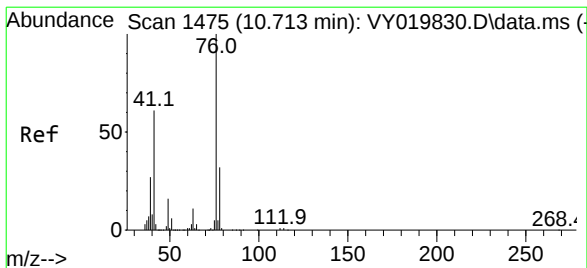
Ion Ratio Lower Upper

69 100

41 74.4 42.3 63.5#

39 44.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 25.149 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

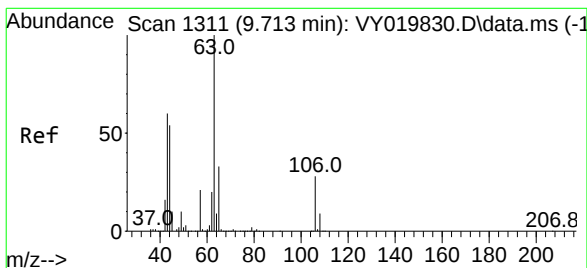
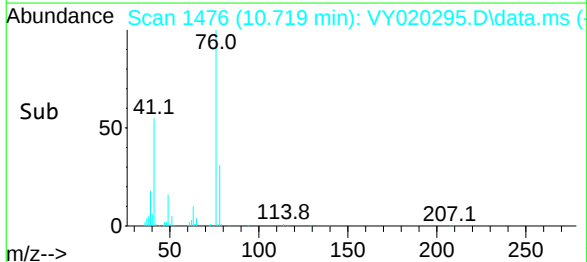
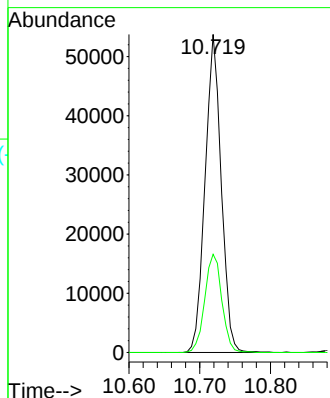
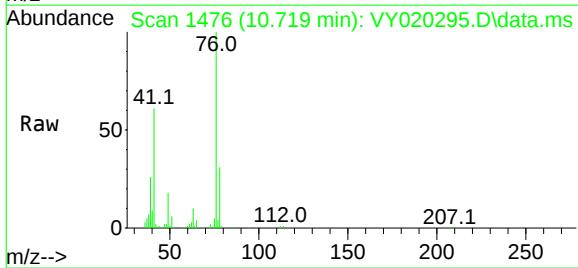
VY1113SBSD02

Tgt Ion: 76 Resp: 85195

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 98.937 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020295.D

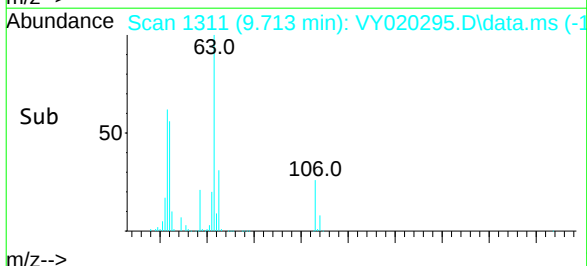
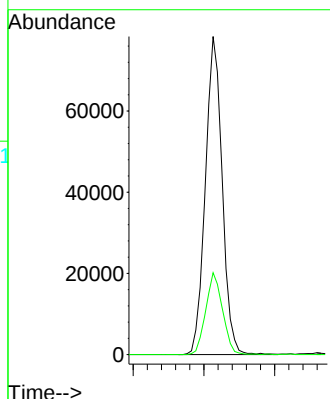
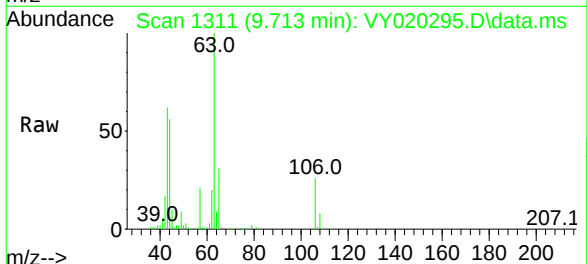
Acq: 13 Nov 2024 19:55

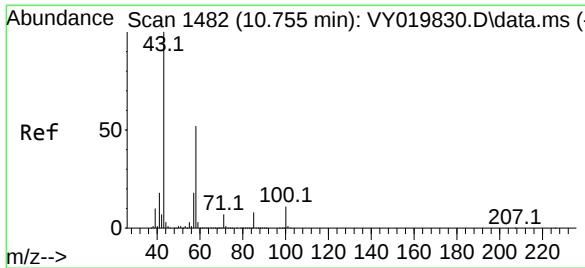
Tgt Ion: 63 Resp: 129475

Ion Ratio Lower Upper

63 100

106 25.6 23.7 35.5





#59

2-Hexanone

Concen: 126.575 ug/l

RT: 10.762 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

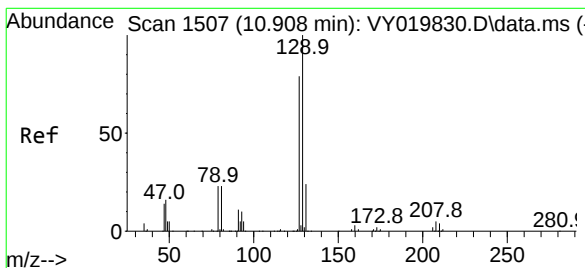
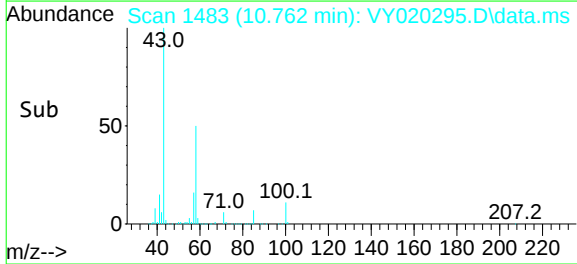
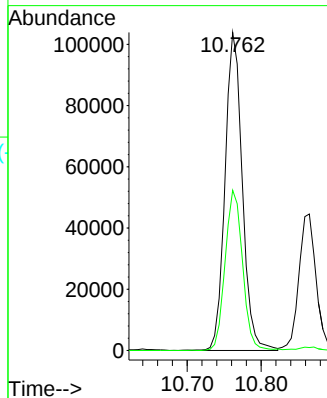
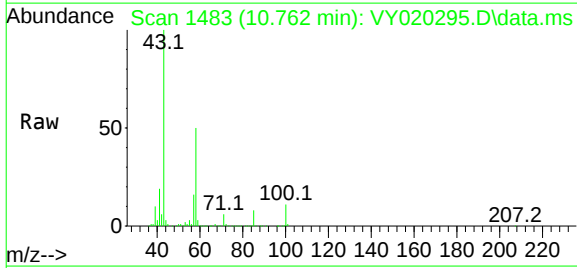
VY1113SBSD02

Tgt Ion: 43 Resp: 168556

Ion Ratio Lower Upper

43 100

58 50.9 31.4 94.0



#60

Dibromochloromethane

Concen: 25.219 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY020295.D

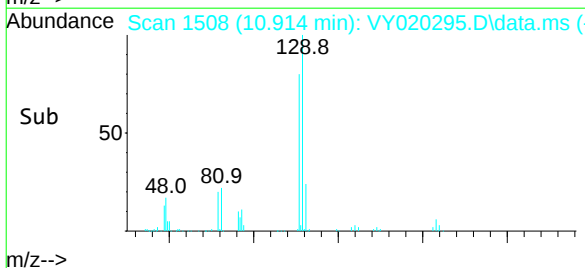
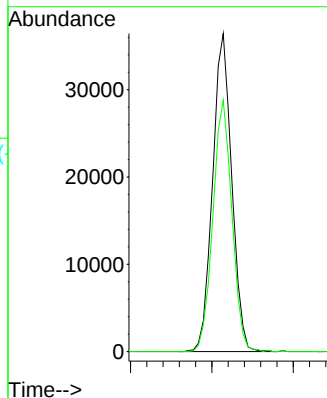
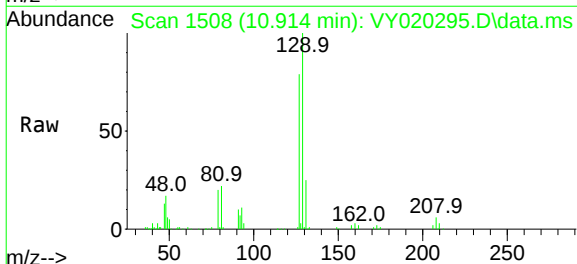
Acq: 13 Nov 2024 19:55

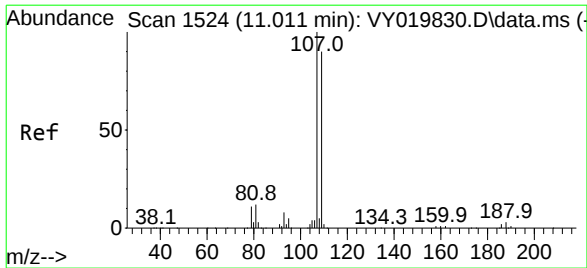
Tgt Ion: 129 Resp: 59467

Ion Ratio Lower Upper

129 100

127 78.6 39.0 117.0

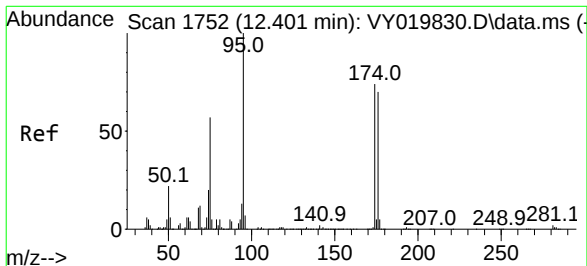
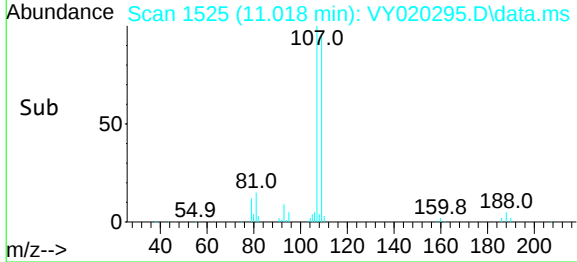
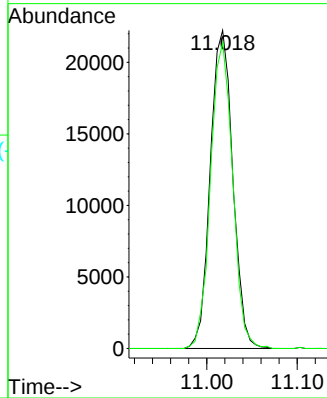
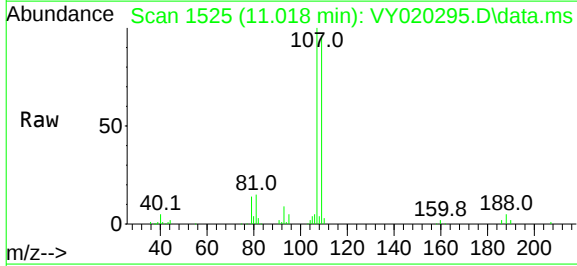




#61
1,2-Dibromoethane
Concen: 22.352 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

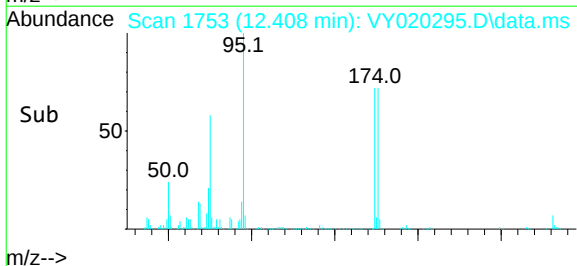
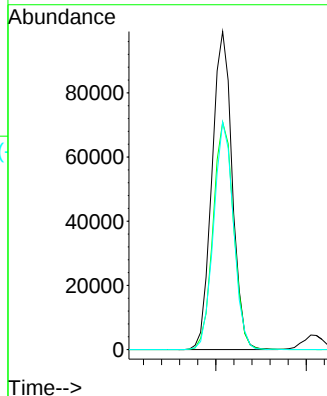
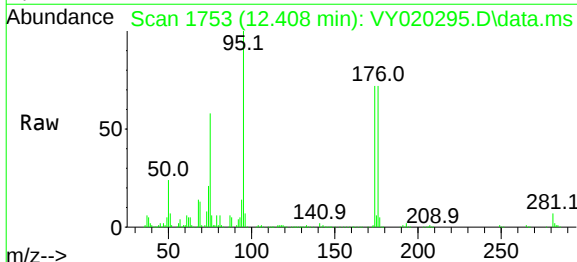
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

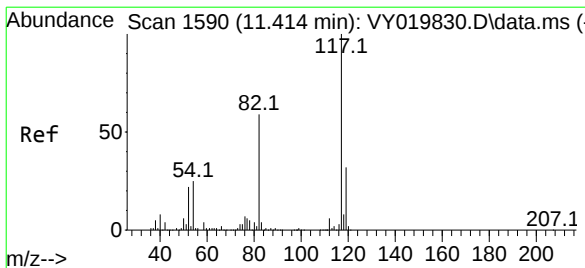
Tgt Ion: 107 Resp: 38416
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.806 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 95 Resp: 154033
Ion Ratio Lower Upper
95 100
174 72.4 0.0 175.6
176 70.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS02

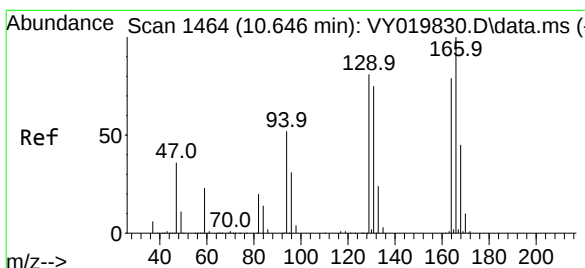
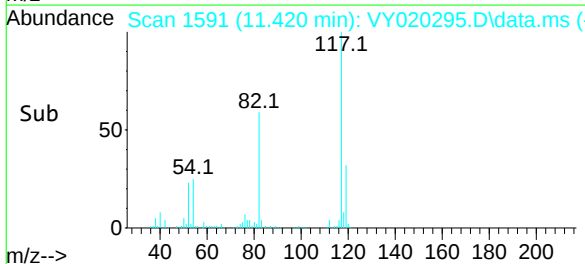
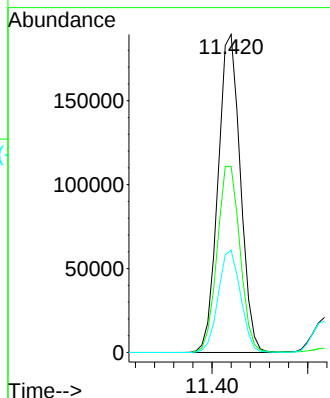
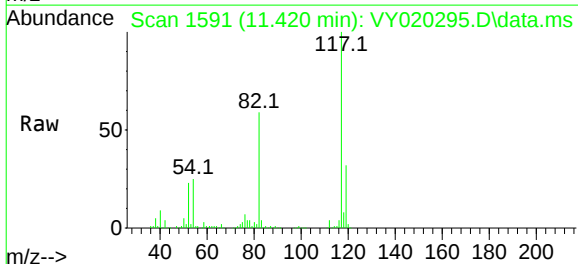
Tgt Ion:117 Resp: 307308

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 32.233 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Tgt Ion:164 Resp: 65403

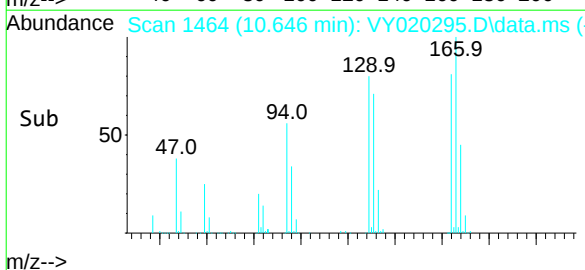
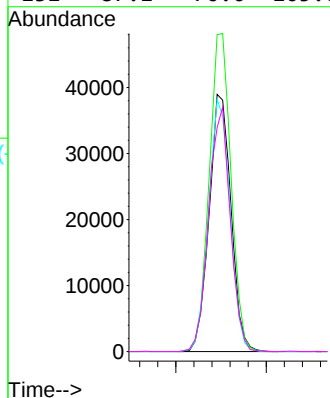
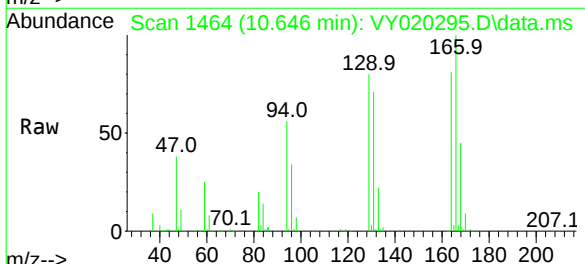
Ion Ratio Lower Upper

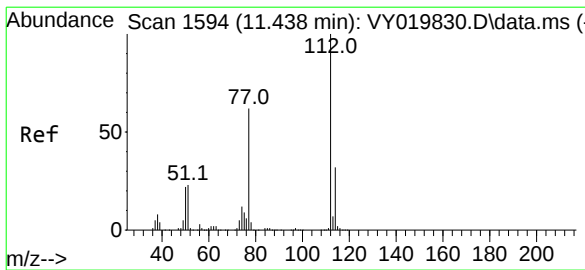
164 100

166 123.2 102.6 154.0

129 98.0 72.0 108.0

131 87.1 70.0 105.0





#65

Chlorobenzene

Concen: 22.226 ug/l

RT: 11.444 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

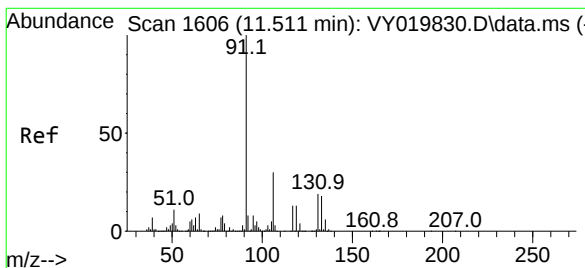
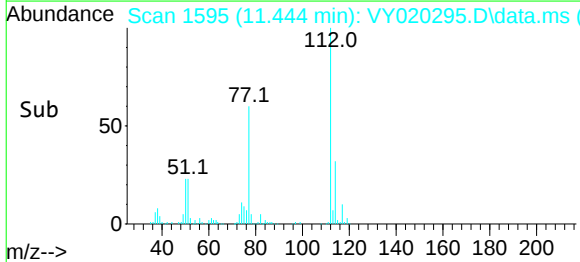
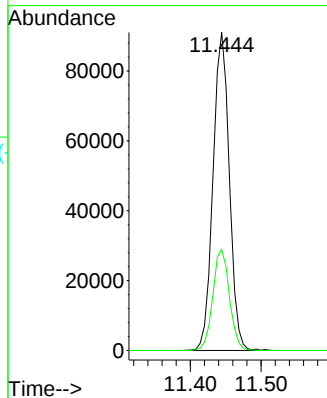
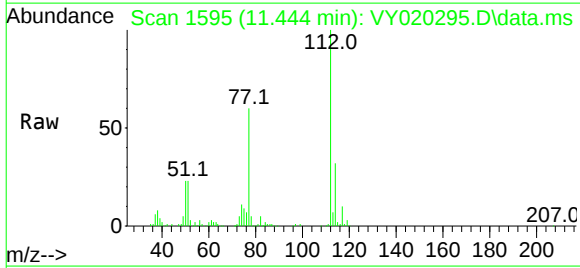
VY1113SBSD02

Tgt Ion:112 Resp: 145538

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 23.514 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

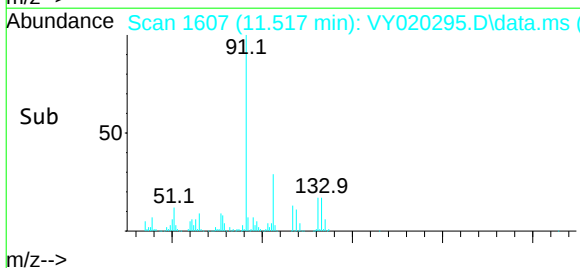
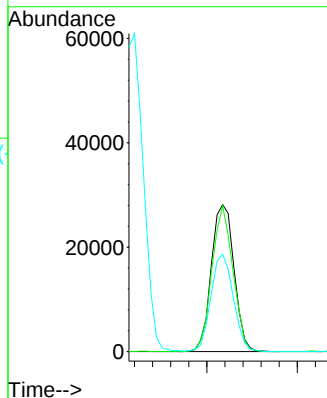
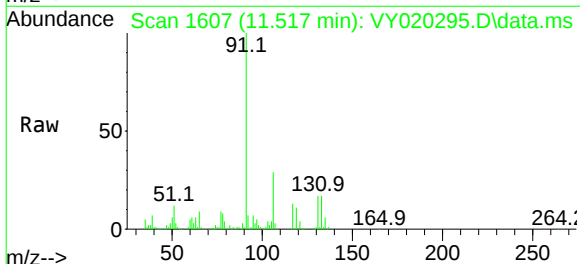
Tgt Ion:131 Resp: 49193

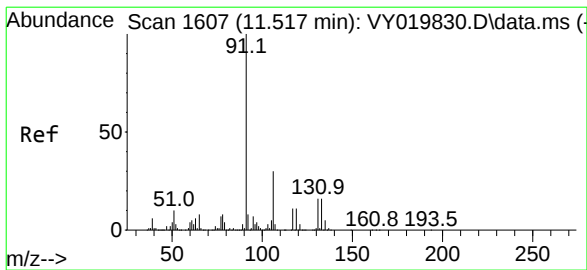
Ion Ratio Lower Upper

131 100

133 91.7 47.8 143.3

119 65.2 34.1 102.2





#67

Ethyl Benzene

Concen: 21.830 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

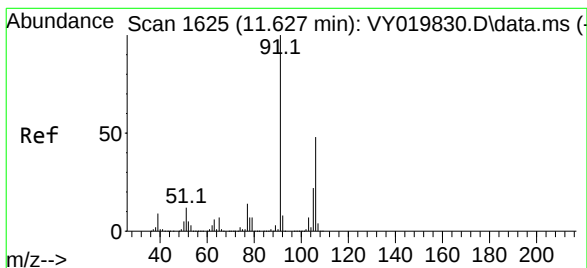
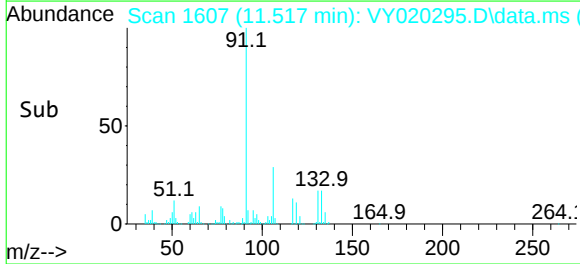
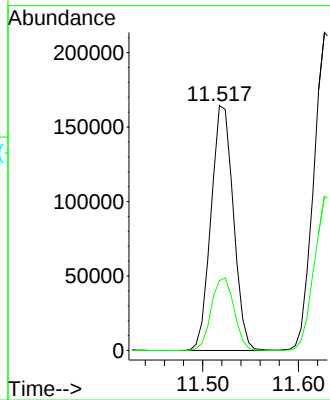
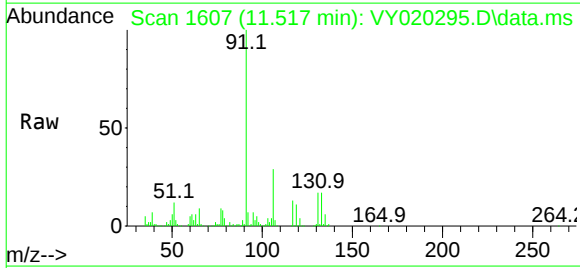
VY1113SBSD02

Tgt Ion: 91 Resp: 267207

Ion Ratio Lower Upper

91 100

106 28.5 24.5 36.7



#68

m/p-Xylenes

Concen: 42.542 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020295.D

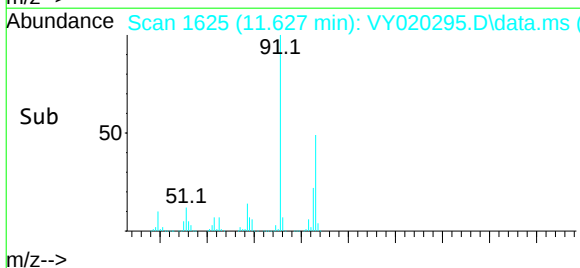
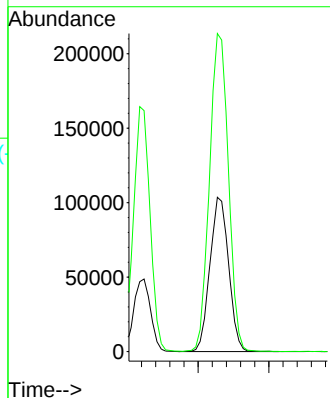
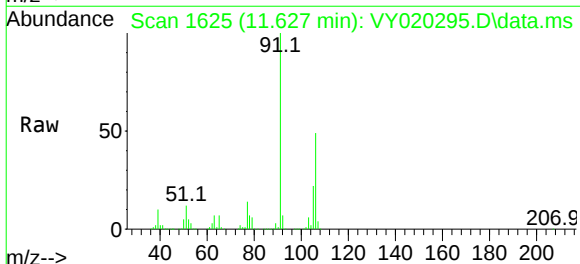
Acq: 13 Nov 2024 19:55

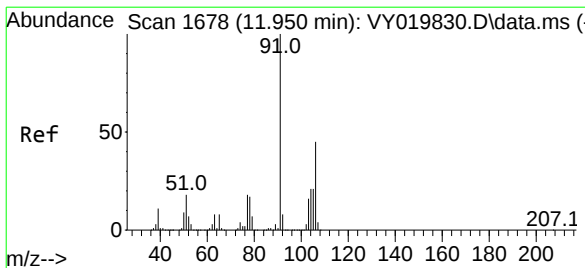
Tgt Ion:106 Resp: 190516

Ion Ratio Lower Upper

106 100

91 208.2 156.0 234.0





#69

o-Xylene

Concen: 22.038 ug/l

RT: 11.956 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

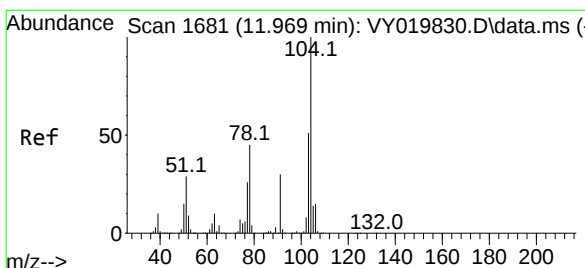
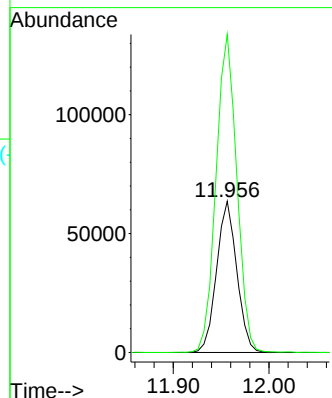
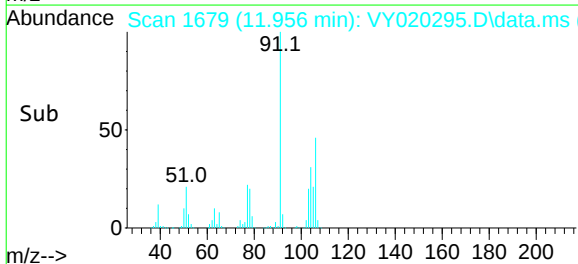
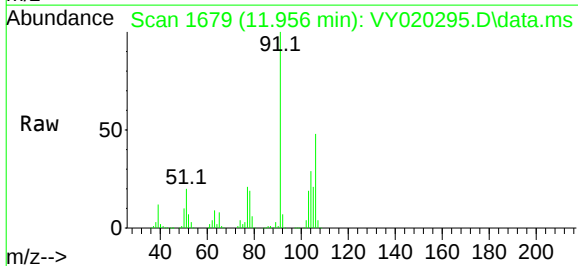
VY1113SBS02

Tgt Ion:106 Resp: 93438

Ion Ratio Lower Upper

106 100

91 216.3 103.6 310.8



#70

Styrene

Concen: 21.909 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

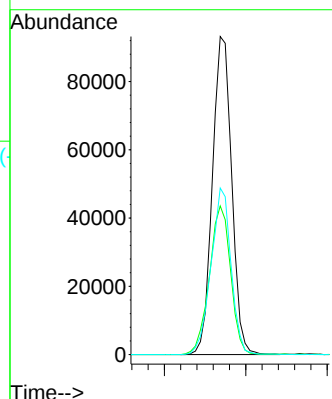
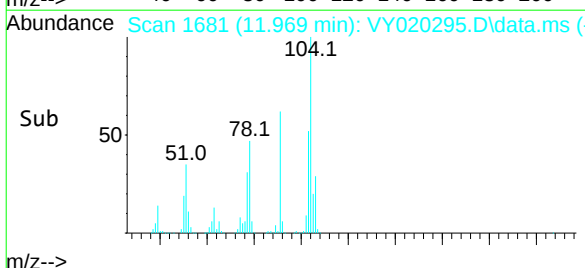
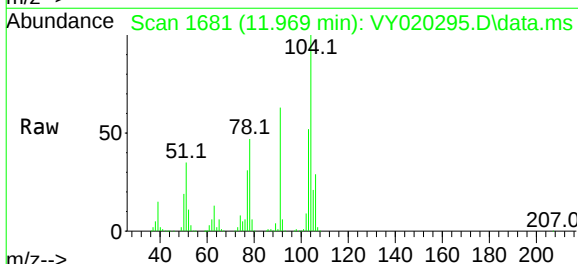
Tgt Ion:104 Resp: 153590

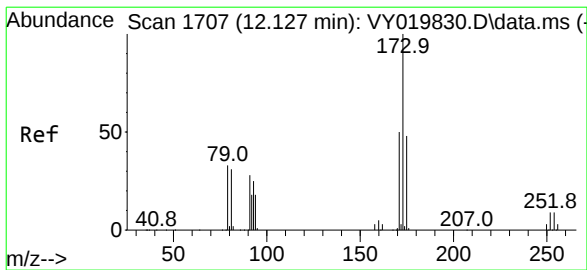
Ion Ratio Lower Upper

104 100

78 51.4 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 23.590 ug/l

RT: 12.133 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

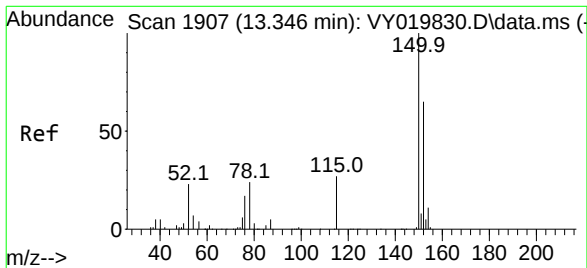
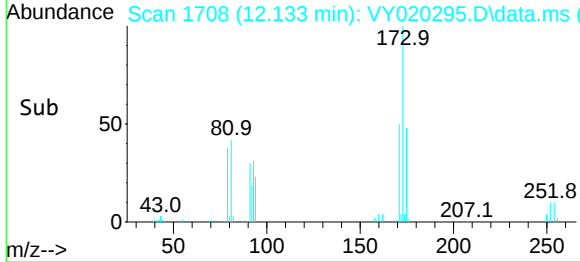
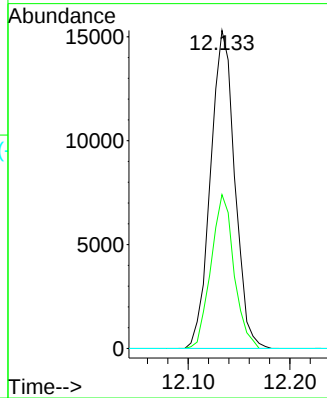
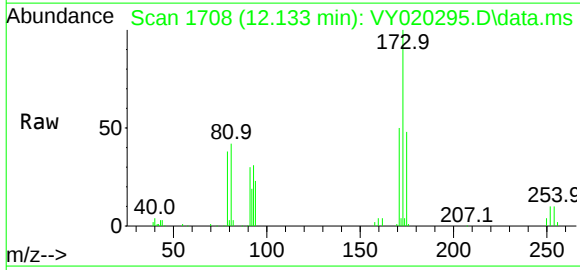
Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS02

Tgt Ion:	173	Resp:	25318
Ion Ratio	Lower	Upper	
173	100		
175	46.0	25.1	75.3
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

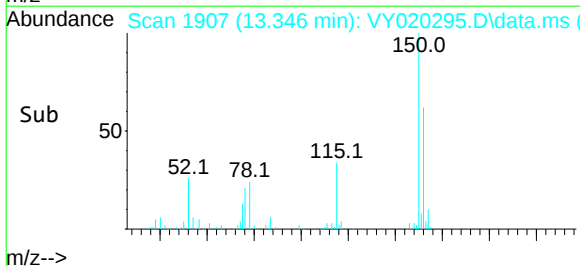
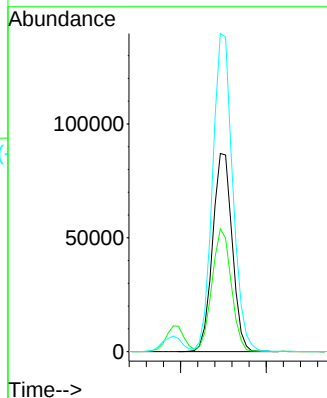
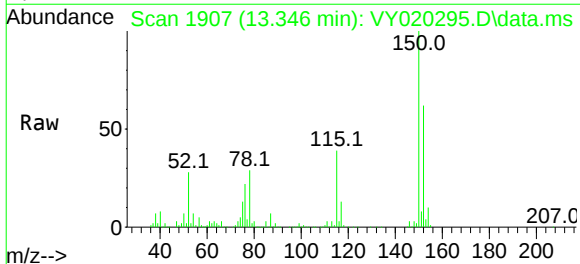
RT: 13.346 min Scan# 1907

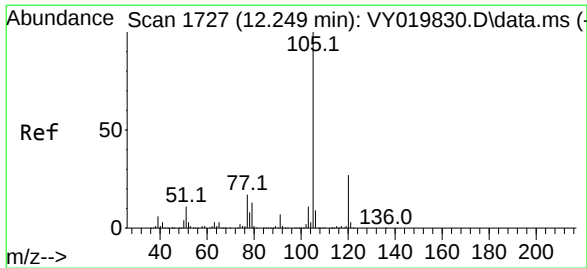
Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Tgt Ion:	152	Resp:	138329
Ion Ratio	Lower	Upper	
152	100		
115	60.7	28.2	84.7
150	164.4	0.0	345.6





#73

Isopropylbenzene

Concen: 22.231 ug/l

RT: 12.255 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

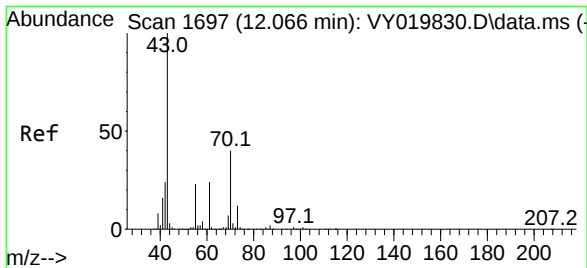
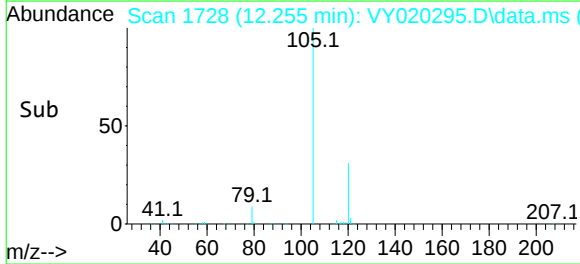
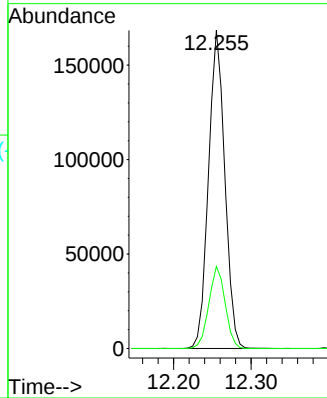
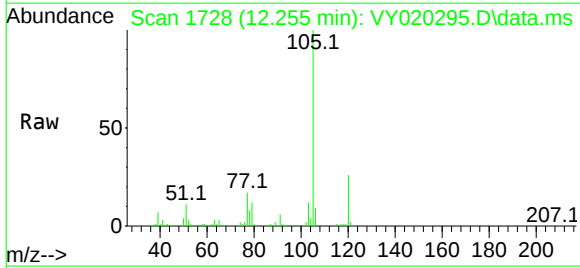
VY1113SBS02

Tgt Ion:105 Resp: 245666

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 21.105 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Tgt Ion: 43 Resp: 58298

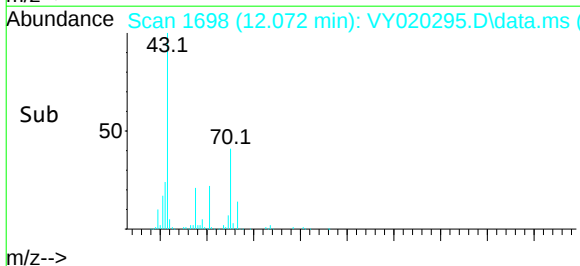
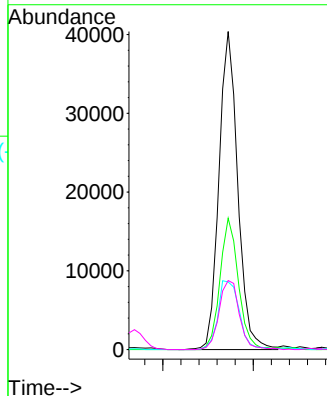
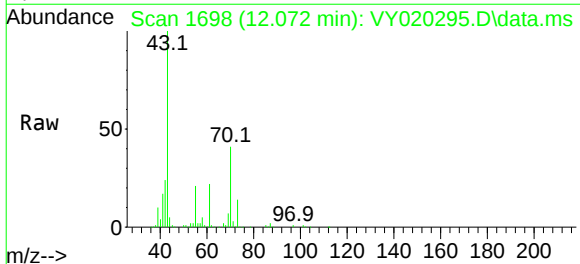
Ion Ratio Lower Upper

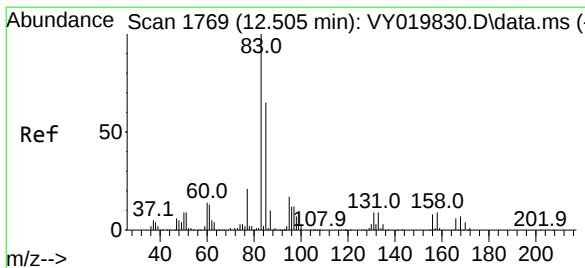
43 100

70 40.4 41.4 62.2#

55 24.5 23.3 34.9

61 23.5 22.6 33.8

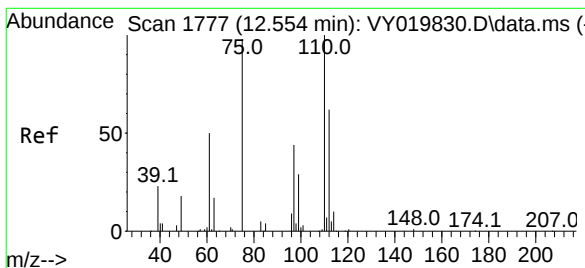
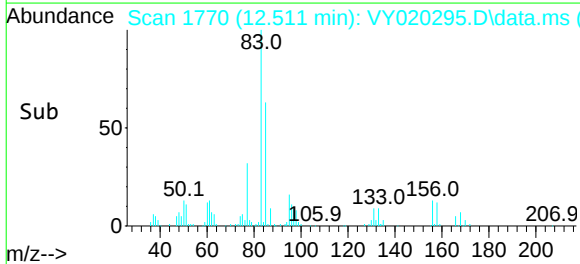
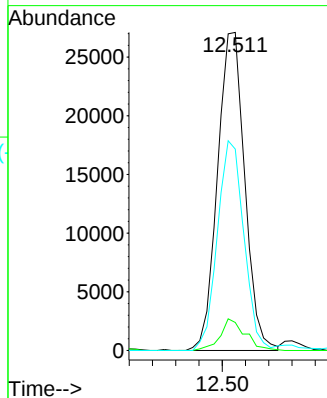
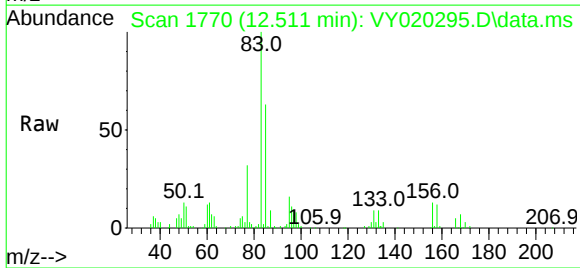




#75
1,1,2,2-Tetrachloroethane
Concen: 22.845 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

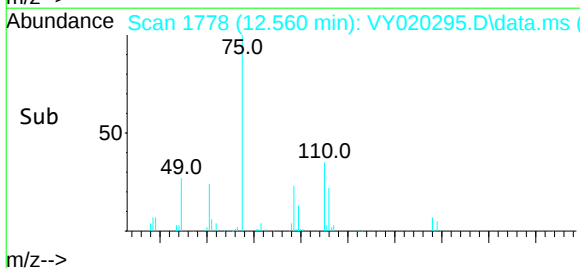
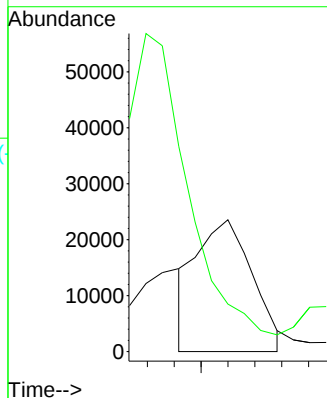
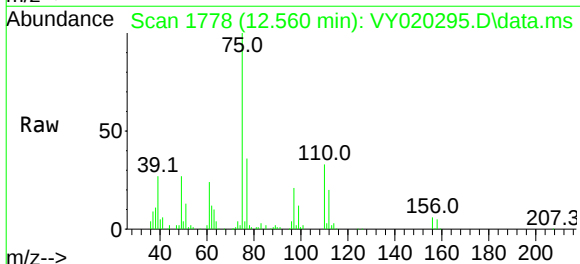
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

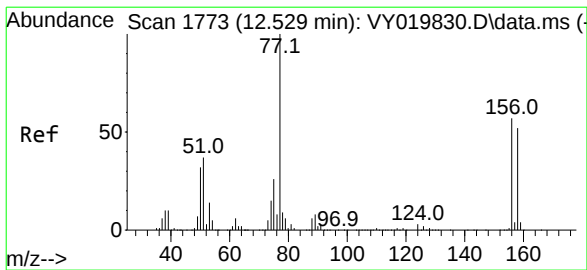
Tgt Ion: 83 Resp: 44150
Ion Ratio Lower Upper
83 100
131 9.1 5.0 14.9
85 64.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 26.201 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion: 75 Resp: 33975
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.578 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS02

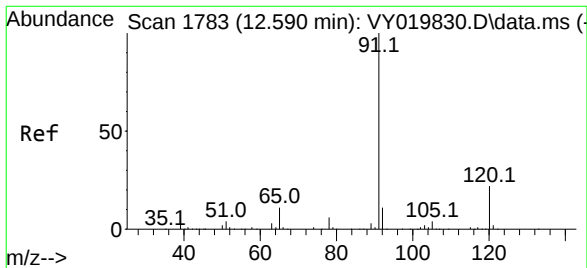
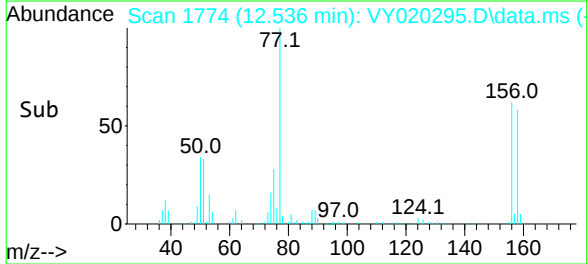
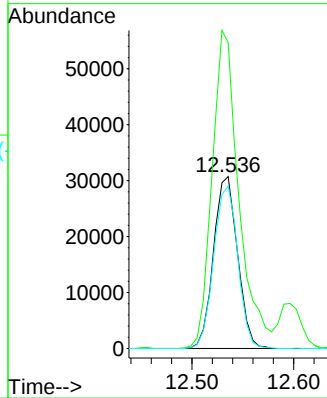
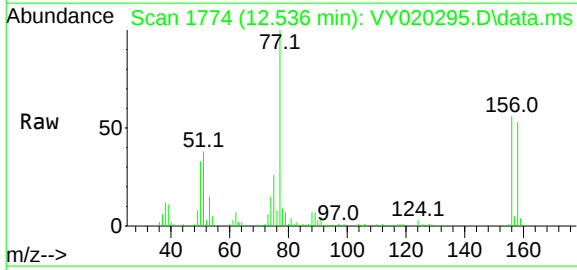
Tgt Ion:156 Resp: 50458

Ion Ratio Lower Upper

156 100

77 205.5 87.1 261.3

158 94.6 48.6 145.9



#78

n-propylbenzene

Concen: 21.112 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020295.D

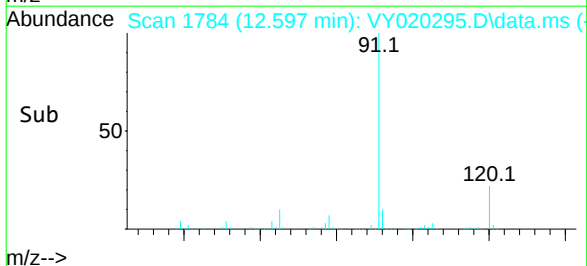
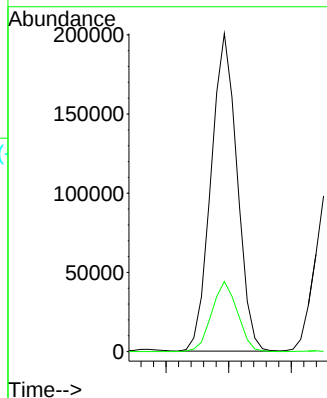
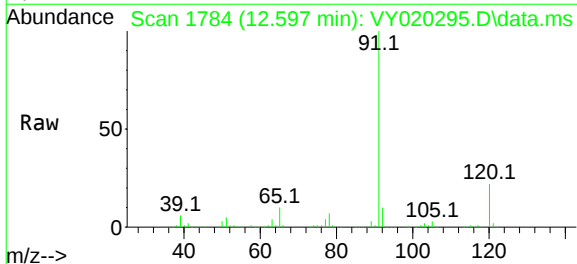
Acq: 13 Nov 2024 19:55

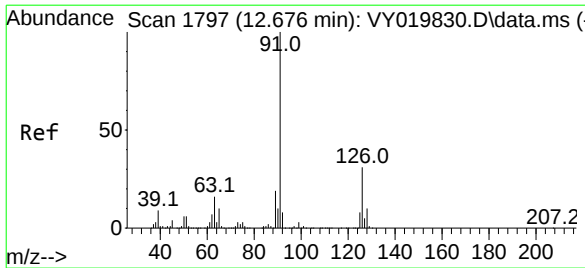
Tgt Ion: 91 Resp: 290353

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 22.329 ug/l

RT: 12.682 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

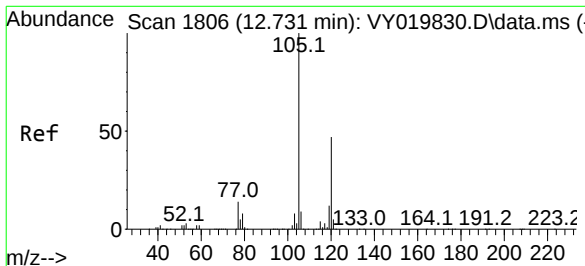
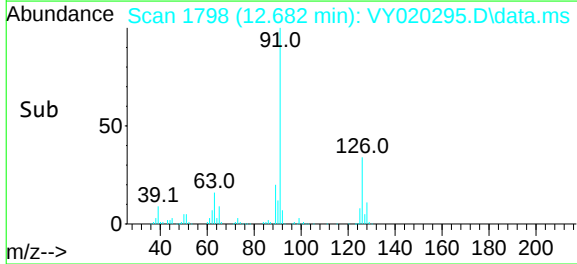
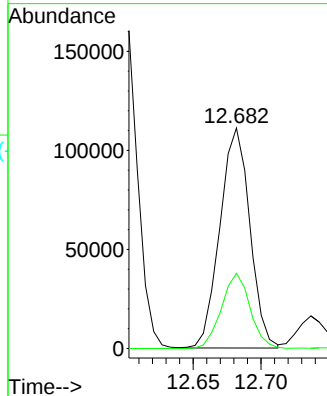
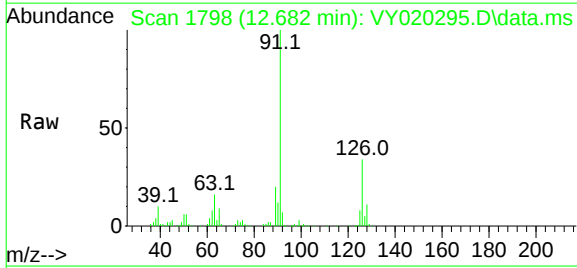
VY1113SBS02

Tgt Ion: 91 Resp: 170461

Ion Ratio Lower Upper

91 100

126 32.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 22.493 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020295.D

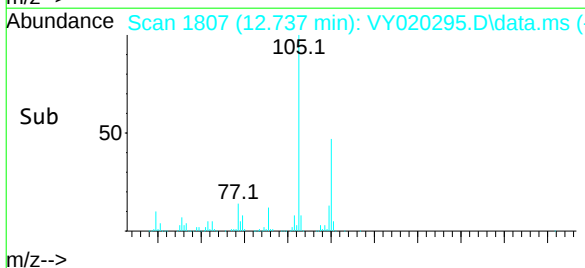
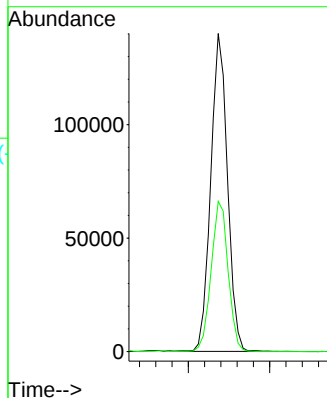
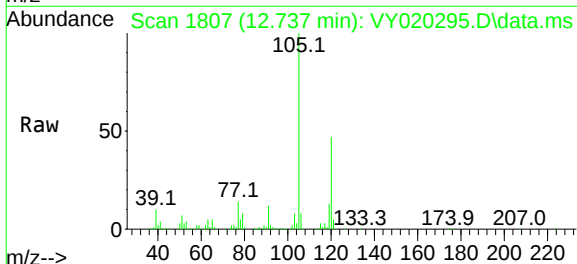
Acq: 13 Nov 2024 19:55

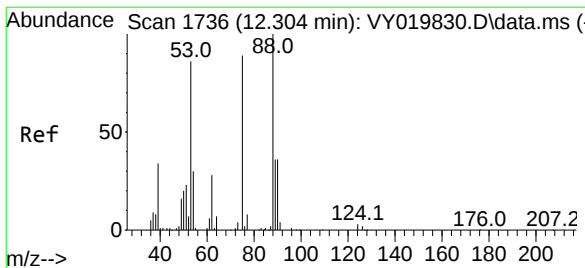
Tgt Ion:105 Resp: 199548

Ion Ratio Lower Upper

105 100

120 48.0 25.1 75.2

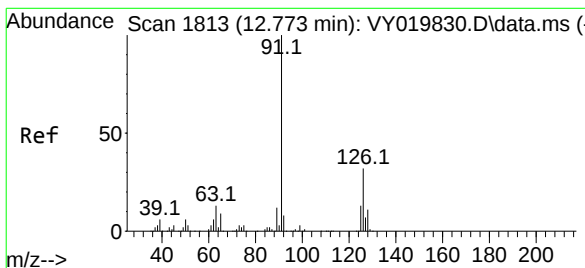
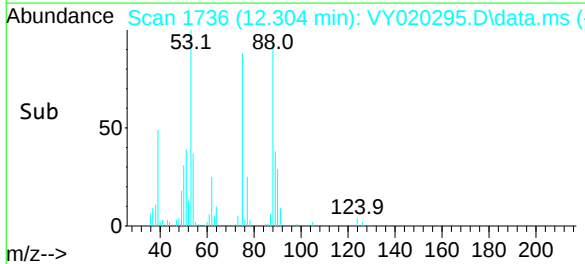
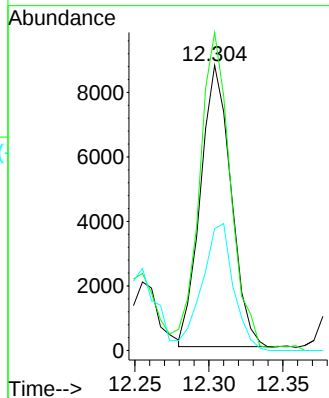
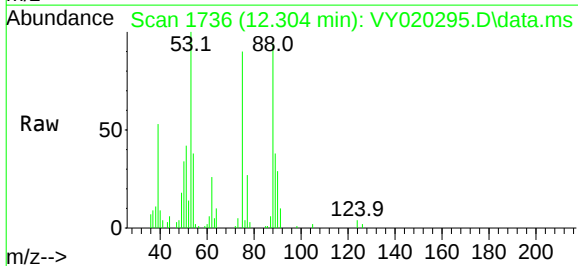




#81
trans-1,4-Dichloro-2-butene
Concen: 20.787 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

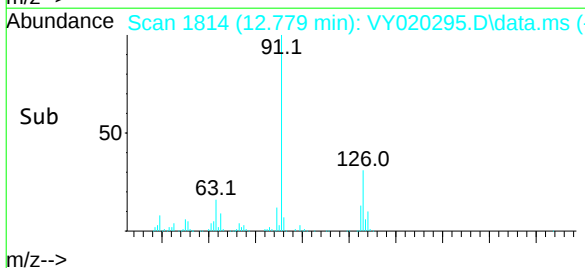
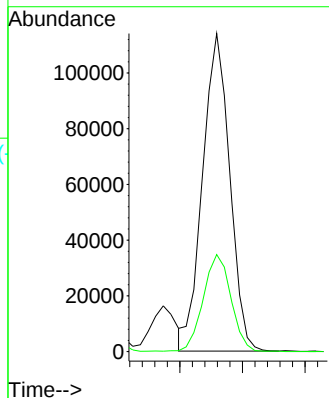
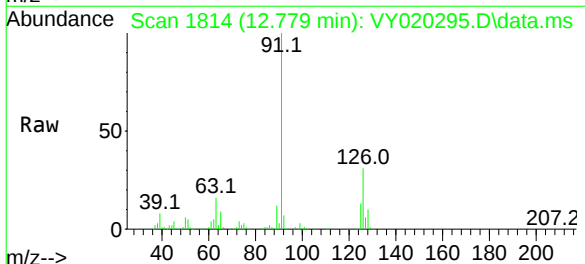
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

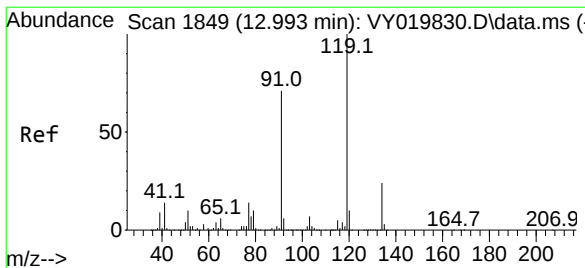
Tgt Ion:	75	Resp:	12531
Ion	Ratio	Lower	Upper
75	100		
53	112.8	66.8	100.2#
89	46.1	35.8	53.6



#82
4-Chlorotoluene
Concen: 22.023 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion:	91	Resp:	171420
Ion	Ratio	Lower	Upper
91	100		
126	31.4	17.6	52.9





#83

tert-Butylbenzene

Concen: 22.934 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD02

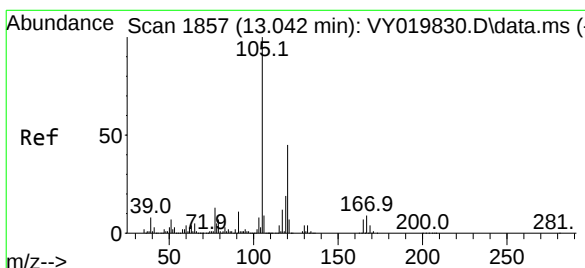
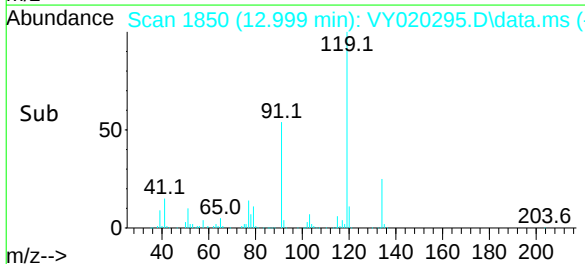
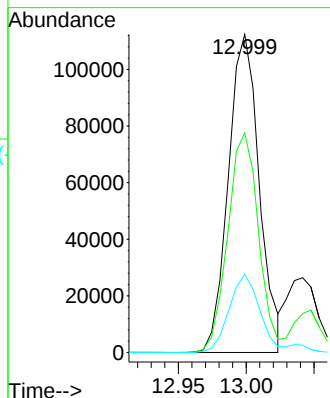
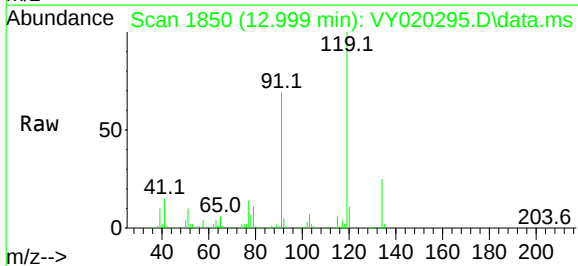
Tgt Ion:119 Resp: 177911

Ion Ratio Lower Upper

119 100

91 68.3 31.3 93.8

134 24.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.356 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020295.D

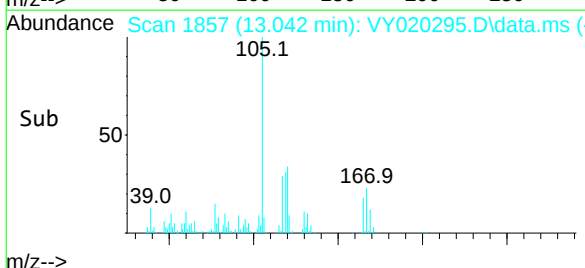
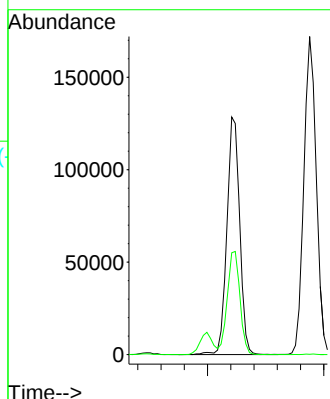
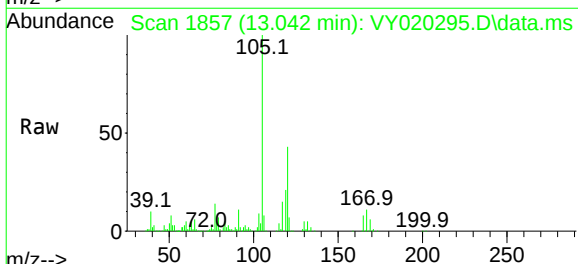
Acq: 13 Nov 2024 19:55

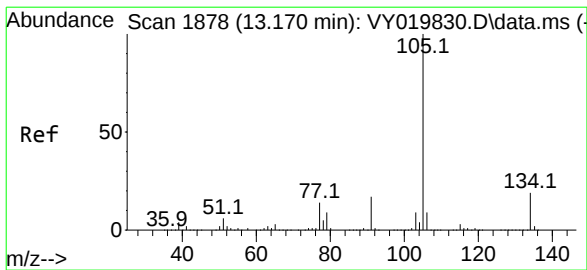
Tgt Ion:105 Resp: 196442

Ion Ratio Lower Upper

105 100

120 43.1 23.2 69.6

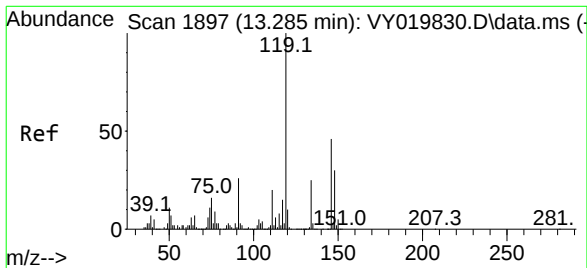
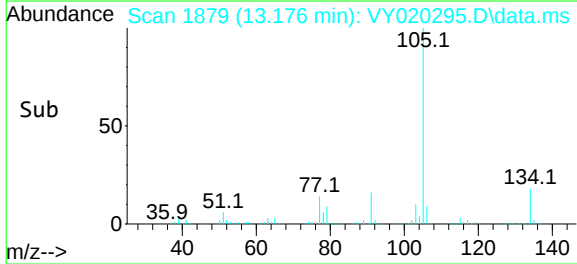
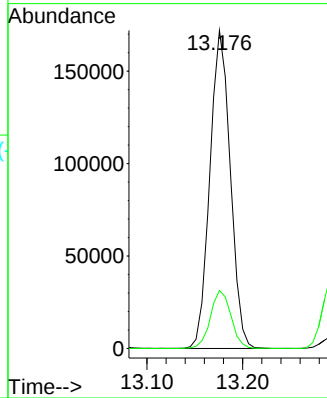
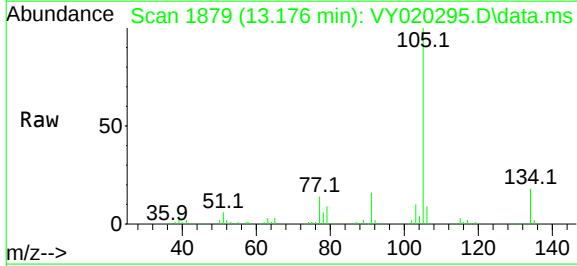




#85
sec-Butylbenzene
Concen: 21.450 ug/l
RT: 13.176 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

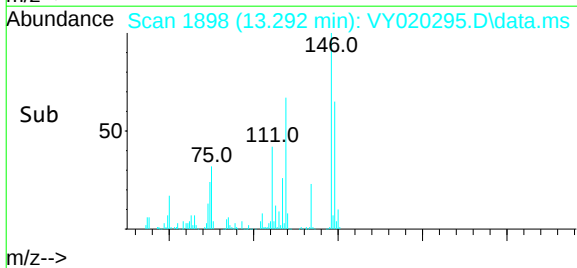
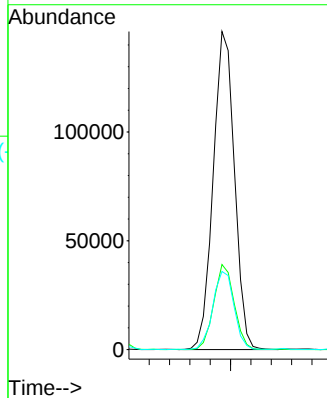
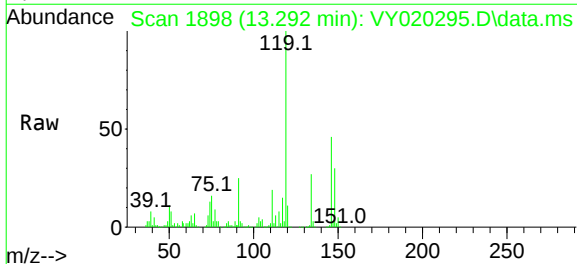
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD02

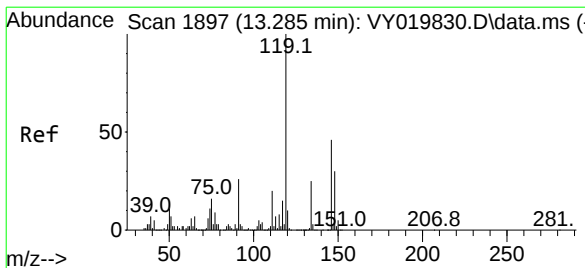
Tgt Ion:105 Resp: 255458
Ion Ratio Lower Upper
105 100
134 18.4 10.1 30.1



#86
p-Isopropyltoluene
Concen: 22.217 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020295.D
Acq: 13 Nov 2024 19:55

Tgt Ion:119 Resp: 212324
Ion Ratio Lower Upper
119 100
134 25.7 13.1 39.3
91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 23.585 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020295.D

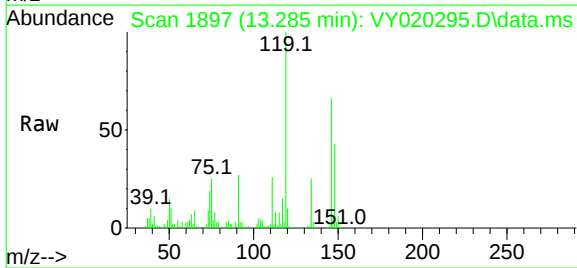
Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS02



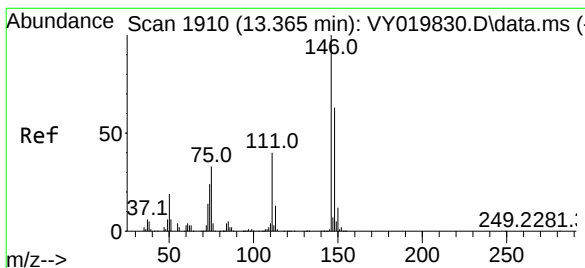
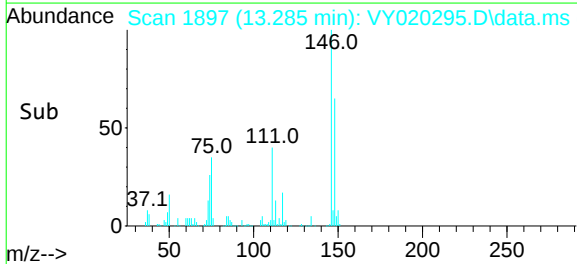
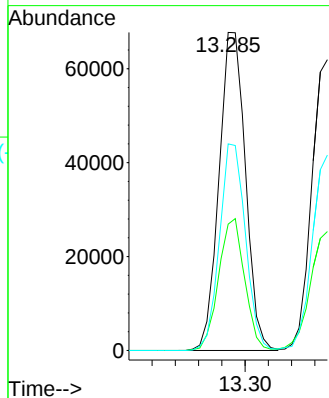
Tgt Ion:146 Resp: 107076

Ion Ratio Lower Upper

146 100

111 40.7 19.0 57.0

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.629 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

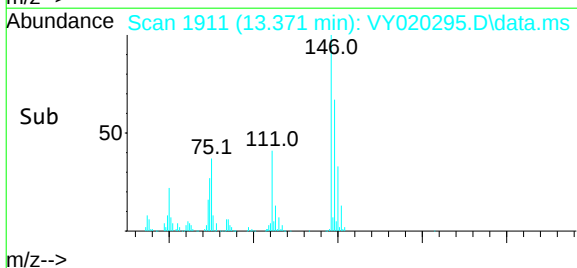
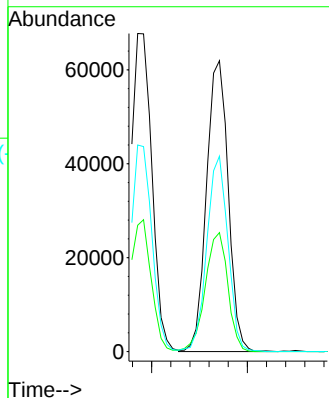
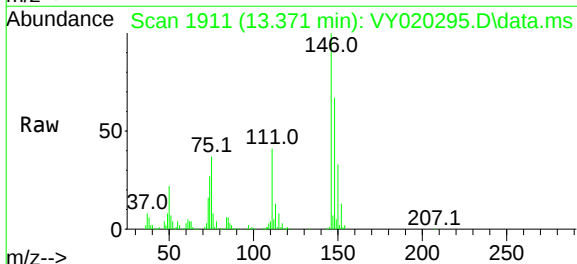
Tgt Ion:146 Resp: 97788

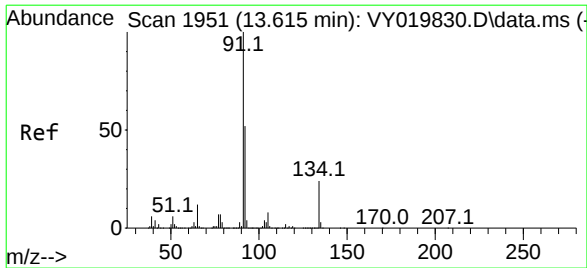
Ion Ratio Lower Upper

146 100

111 42.6 18.4 55.4

148 65.2 32.4 97.2





#89

n-Butylbenzene

Concen: 19.945 ug/l

RT: 13.621 min Scan# 19

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD02

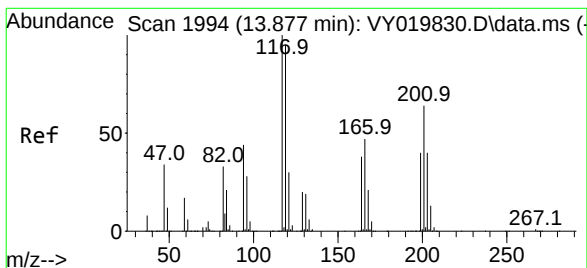
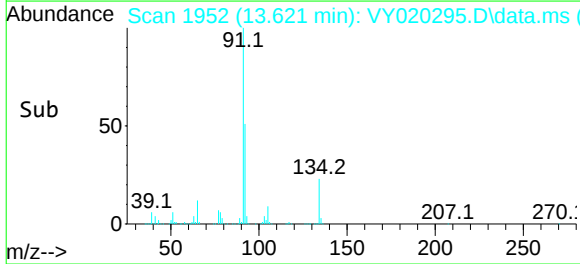
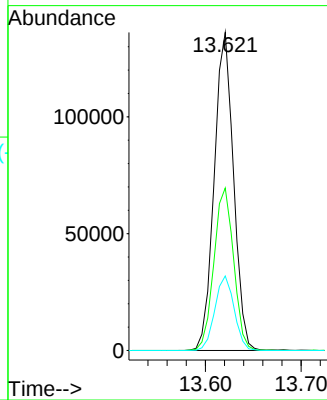
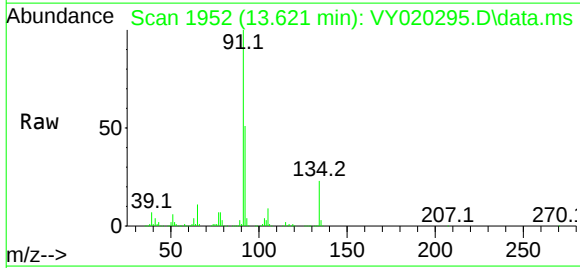
Tgt Ion: 91 Resp: 191073

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

134 23.4 12.9 38.7



#90

Hexachloroethane

Concen: 20.816 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020295.D

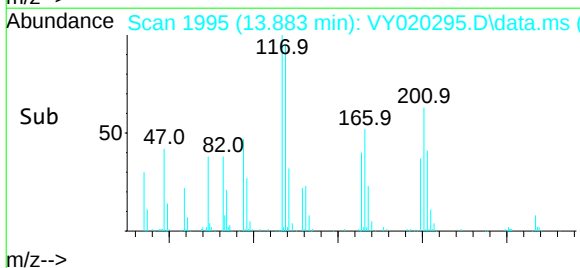
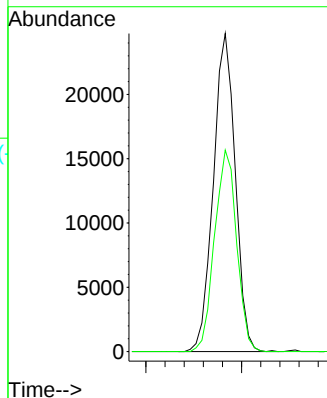
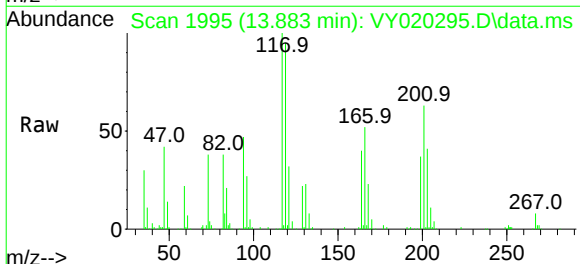
Acq: 13 Nov 2024 19:55

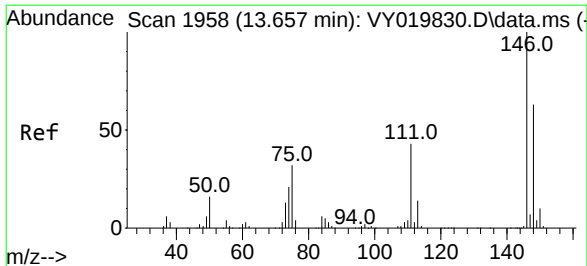
Tgt Ion: 117 Resp: 39343

Ion Ratio Lower Upper

117 100

201 63.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 22.560 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY020295.D

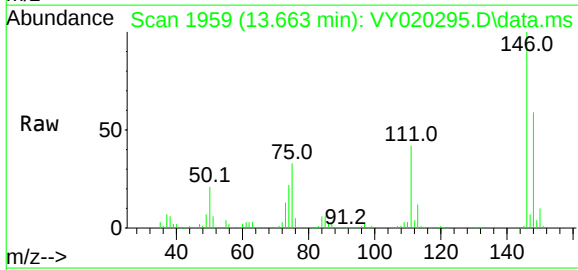
Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD02



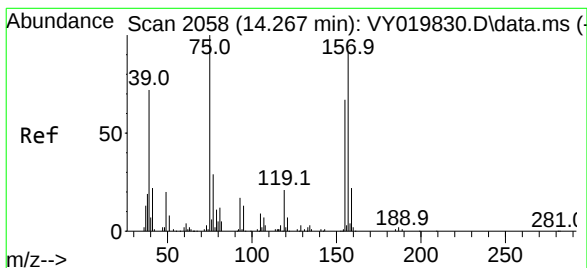
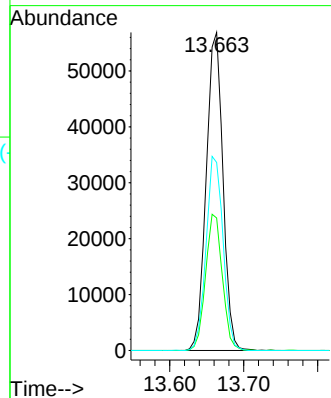
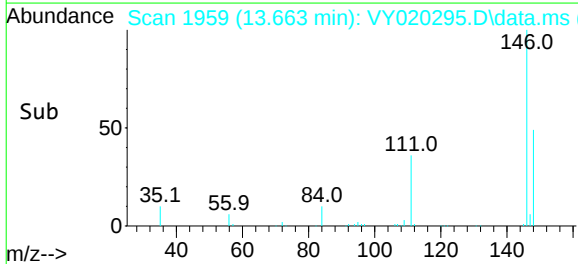
Tgt Ion:146 Resp: 89030

Ion Ratio Lower Upper

146 100

111 43.2 19.9 59.7

148 62.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.345 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

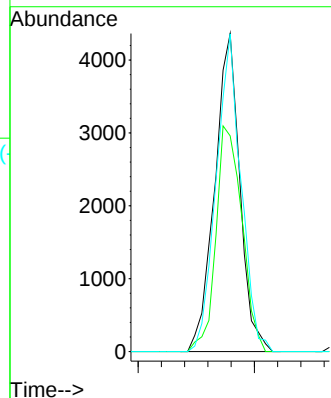
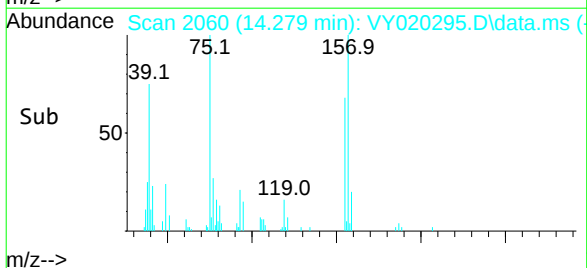
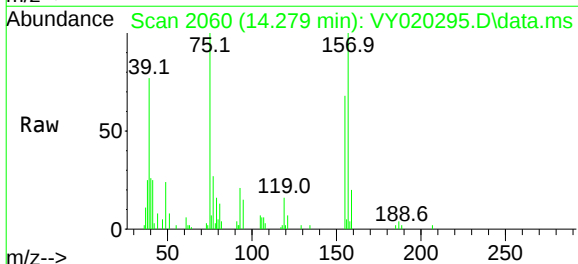
Tgt Ion: 75 Resp: 6549

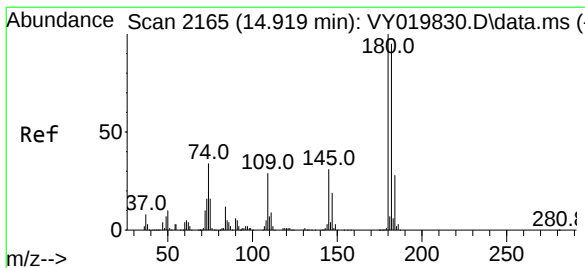
Ion Ratio Lower Upper

75 100

155 73.4 48.6 145.8

157 98.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 28.403 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD02

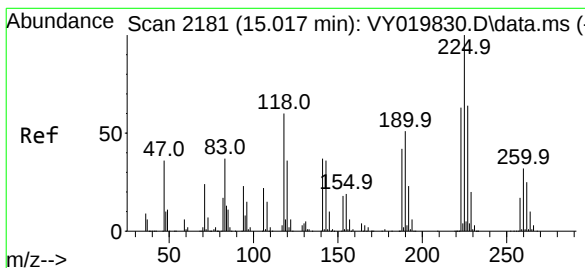
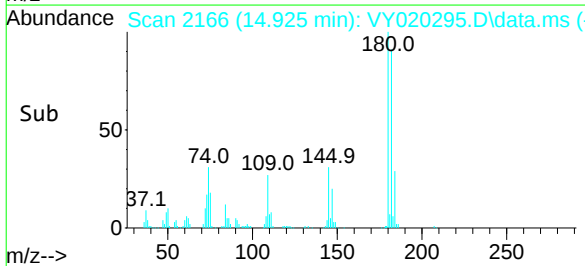
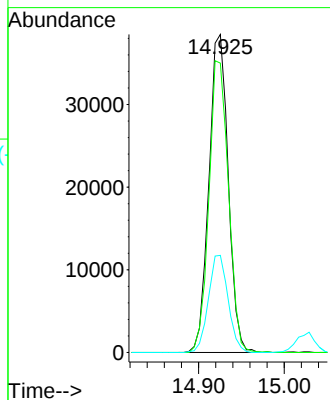
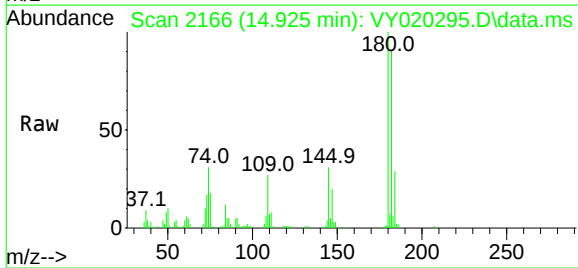
Tgt Ion:180 Resp: 60213

Ion Ratio Lower Upper

180 100

182 92.8 47.9 143.8

145 31.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 27.670 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

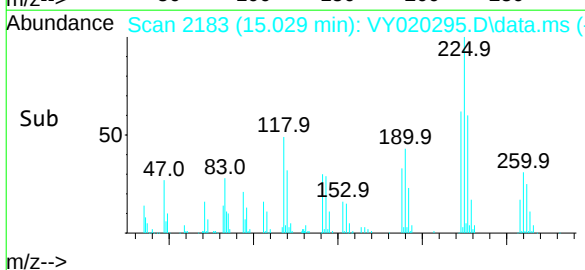
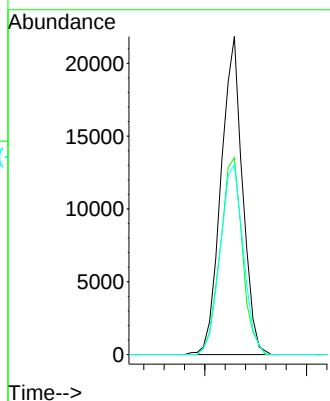
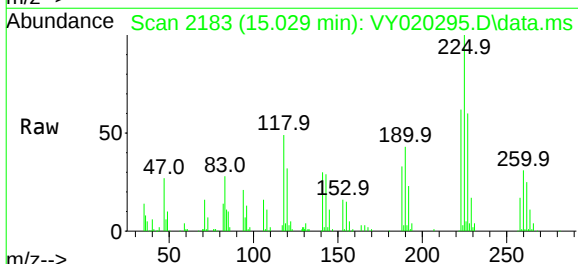
Tgt Ion:225 Resp: 32076

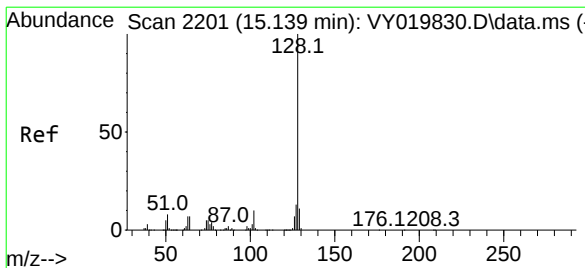
Ion Ratio Lower Upper

225 100

223 63.9 30.4 91.2

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 27.218 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS02

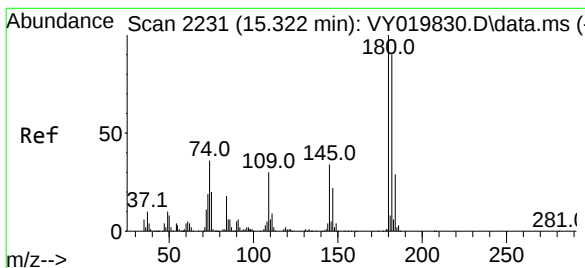
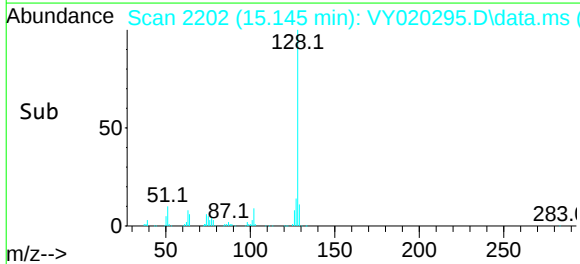
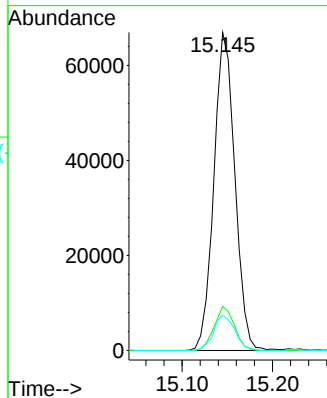
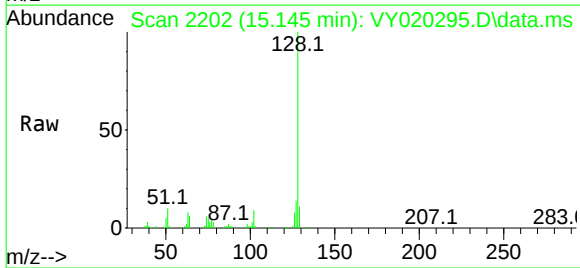
Tgt Ion:128 Resp: 107860

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 25.573 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020295.D

Acq: 13 Nov 2024 19:55

Tgt Ion:180 Resp: 46019

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.9

145 34.8 15.4 46.1

