

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123124\
 Data File : VY020761.D
 Acq On : 31 Dec 2024 11:23
 Operator : SY/MD
 Sample : VY1231SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1231SBS01

Quant Time: Jan 01 00:20:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	169905	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	244861	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	209120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	104927	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	77450	55.652	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.300%
35) Dibromofluoromethane	7.634	113	76145	56.457	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.920%
50) Toluene-d8	10.109	98	295171	54.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.408	95	98938	55.198	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	110.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	26322	19.682	ug/l	99
3) Chloromethane	2.074	50	12395	24.852	ug/l	96
4) Vinyl Chloride	2.208	62	13545	21.919	ug/l	98
5) Bromomethane	2.598	94	9754	20.906	ug/l	95
6) Chloroethane	2.732	64	8418	22.708	ug/l	89
7) Trichlorofluoromethane	3.062	101	41679	17.539	ug/l	90
8) Diethyl Ether	3.458	74	12781	22.602	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.818	101	28668	21.974	ug/l	100
10) Methyl Iodide	4.013	142	29028	20.347	ug/l	94
11) Tert butyl alcohol	4.854	59	15799	175.545	ug/l #	91
12) 1,1-Dichloroethene	3.793	96	25304	21.791	ug/l	99
13) Acrolein	3.665	56	4737	162.828	ug/l	99
14) Allyl chloride	4.385	41	35202	25.905	ug/l #	81
15) Acrylonitrile	5.067	53	28576	130.812	ug/l	98
16) Acetone	3.866	43	20762	117.600	ug/l	99
17) Carbon Disulfide	4.104	76	60938	21.393	ug/l	99
18) Methyl Acetate	4.385	43	13243	27.715	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	70093	21.657	ug/l	94
20) Methylene Chloride	4.616	84	27446	23.903	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	28370	22.672	ug/l	97
22) Diisopropyl ether	6.018	45	73858	26.737	ug/l	95
23) Vinyl Acetate	5.964	43	210638	127.663	ug/l	97
24) 1,1-Dichloroethane	5.921	63	48212	23.279	ug/l	97
25) 2-Butanone	6.896	43	34238	143.563	ug/l	91
26) 2,2-Dichloropropane	6.890	77	52558	20.734	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	33711	22.496	ug/l	99
28) Bromochloromethane	7.244	49	12438	22.710	ug/l	89
29) Tetrahydrofuran	7.262	42	21876	149.438	ug/l	91
30) Chloroform	7.427	83	58262	21.868	ug/l	100
31) Cyclohexane	7.707	56	40800	22.823	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	55516	19.440	ug/l	99
36) 1,1-Dichloropropene	7.835	75	38160	21.419	ug/l	96
37) Ethyl Acetate	6.988	43	15839	26.979	ug/l	95
38) Carbon Tetrachloride	7.817	117	52904	18.033	ug/l	98
39) Methylcyclohexane	9.109	83	46956	20.563	ug/l	96
40) Benzene	8.085	78	115336	22.338	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	7315	24.667	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	32119	19.400	ug/l	96
43) Isopropyl Acetate	8.201	43	30707	24.608	ug/l	99
44) Trichloroethene	8.866	130	31734	20.577	ug/l	95
45) 1,2-Dichloropropane	9.140	63	25099	24.014	ug/l	99
46) Dibromomethane	9.231	93	15273	21.119	ug/l	97
47) Bromodichloromethane	9.426	83	42289	20.626	ug/l	98
48) Methyl methacrylate	9.219	41	13016	22.336	ug/l	92
49) 1,4-Dioxane	9.231	88	3576	519.125	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	78875	130.956	ug/l	99
52) Toluene	10.170	92	76108	21.506	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	37919	21.057	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	43311	21.943	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	21806	23.622	ug/l	97
56) Ethyl methacrylate	10.438	69	27067	22.319	ug/l #	92
57) 1,3-Dichloropropane	10.719	76	34400	22.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	55487	131.209	ug/l	94
59) 2-Hexanone	10.762	43	51669	129.929	ug/l	98
60) Dibromochloromethane	10.914	129	30536	20.472	ug/l	100
61) 1,2-Dibromoethane	11.018	107	19019	21.896	ug/l	98
64) Tetrachloroethene	10.646	164	29106	20.372	ug/l	94
65) Chlorobenzene	11.444	112	86055	21.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	31684	19.972	ug/l	97
67) Ethyl Benzene	11.524	91	151718	21.200	ug/l	100
68) m/p-Xylenes	11.627	106	115924	42.463	ug/l	96
69) o-Xylene	11.956	106	54063	20.727	ug/l	99
70) Styrene	11.969	104	92453	21.115	ug/l	96
71) Bromoform	12.133	173	18692	20.495	ug/l #	98
73) Isopropylbenzene	12.255	105	151148	20.792	ug/l	99
74) N-amyl acetate	12.072	43	25479	24.664	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	23238	24.936	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	18983m	28.445	ug/l	
77) Bromobenzene	12.536	156	34361	20.533	ug/l	94
78) n-propylbenzene	12.597	91	174106	21.369	ug/l	99
79) 2-Chlorotoluene	12.682	91	99991	21.528	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	123866	20.451	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	8375	24.806	ug/l	88
82) 4-Chlorotoluene	12.779	91	102986	21.454	ug/l	99
83) tert-Butylbenzene	12.999	119	113963	20.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	122662	20.812	ug/l	98
85) sec-Butylbenzene	13.176	105	160942	21.113	ug/l	99
86) p-Isopropyltoluene	13.298	119	138986	20.459	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	67813	20.734	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	67731	20.818	ug/l	98
89) n-Butylbenzene	13.621	91	121265	21.384	ug/l	98
90) Hexachloroethane	13.883	117	26585	20.580	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	59716	21.294	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3620	20.028	ug/l	92
93) 1,2,4-Trichlorobenzene	14.925	180	34726	19.482	ug/l	99
94) Hexachlorobutadiene	15.029	225	25053	19.285	ug/l	99
95) Naphthalene	15.151	128	57577	20.168	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	28886	19.463	ug/l	99

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Quant Time: Jan 01 00:20:21 2025
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Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

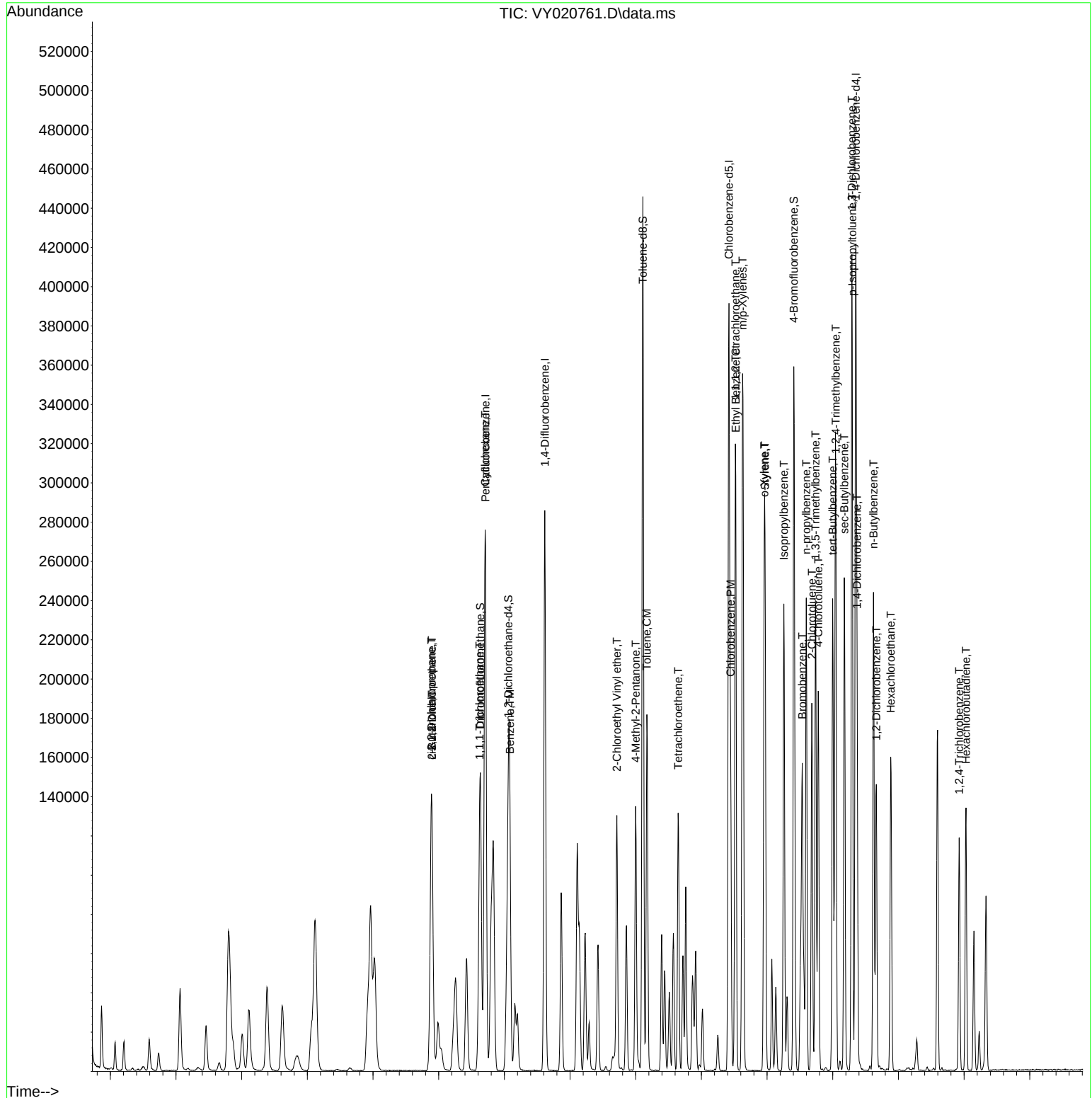
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

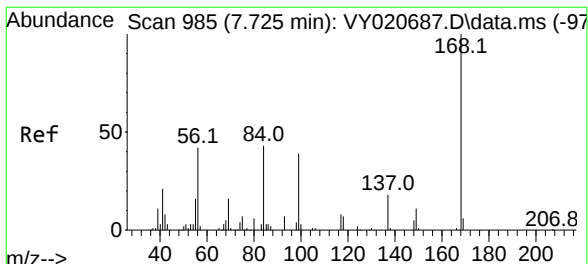
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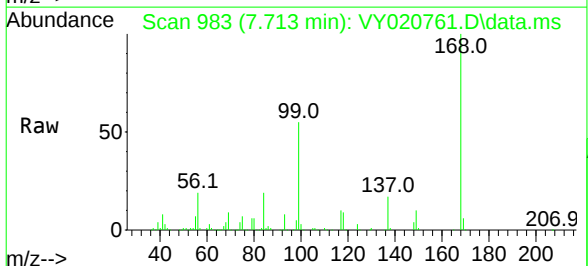
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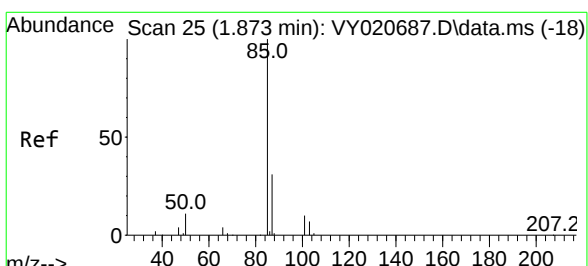
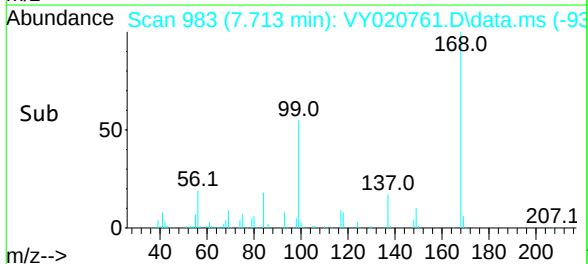
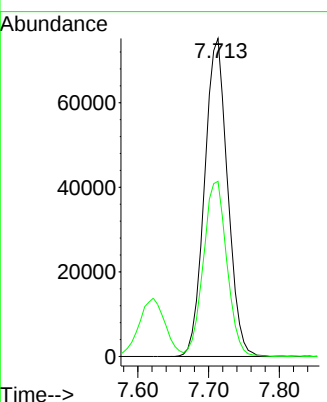


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.713 min Scan# 98
 Delta R.T. -0.012 min
 Lab File: VY020761.D
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Instrument :
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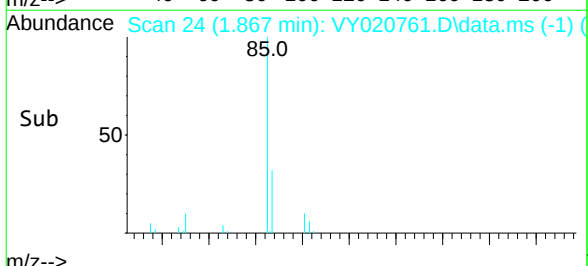
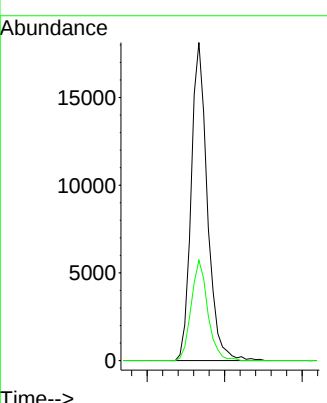
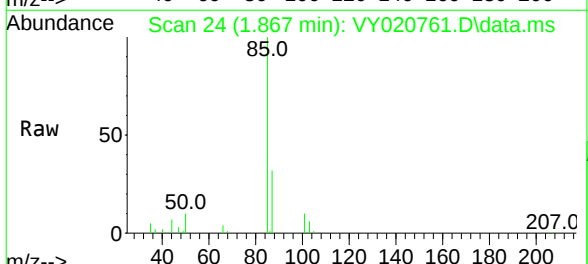


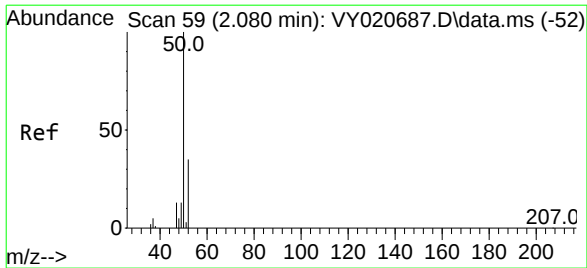
Tgt Ion:168 Resp: 169905
 Ion Ratio Lower Upper
 168 100
 99 55.0 43.8 65.6



#2
 Dichlorodifluoromethane
 Concen: 19.682 ug/l
 RT: 1.867 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: VY020761.D
 Acq: 31 Dec 2024 11:23

Tgt Ion: 85 Resp: 26322
 Ion Ratio Lower Upper
 85 100
 87 31.6 15.4 46.4

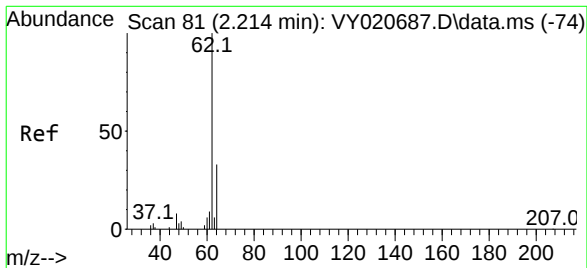
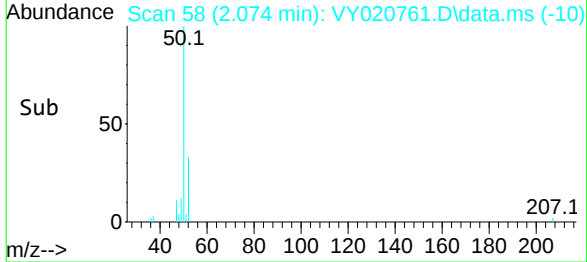
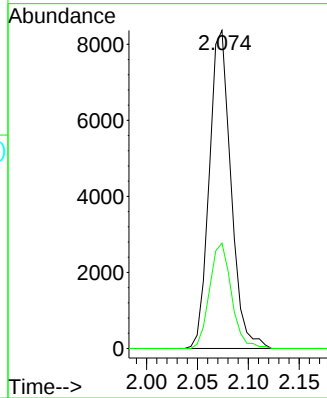
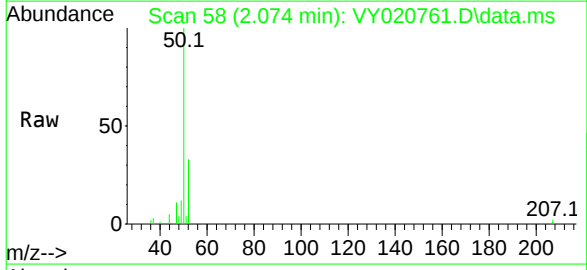




#3
Chloromethane
Concen: 24.852 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

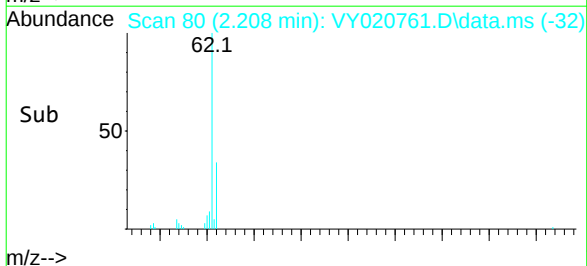
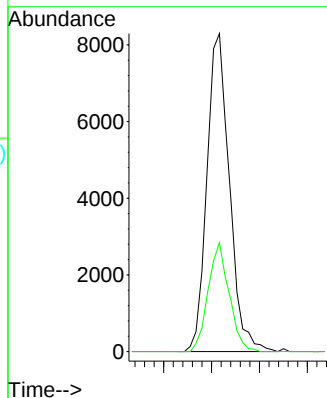
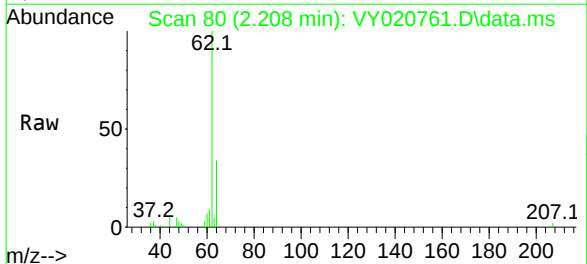
Instrument :
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ClientSampleId :
VY1231SBS01

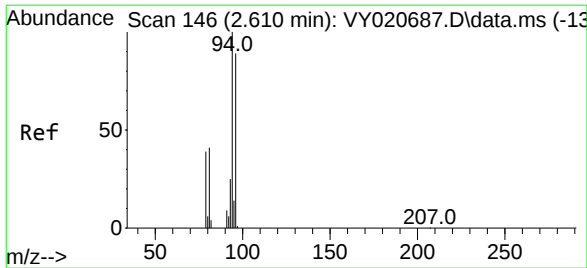
Tgt Ion: 50 Resp: 12395
Ion Ratio Lower Upper
50 100
52 33.1 28.2 42.2



#4
Vinyl Chloride
Concen: 21.919 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 62 Resp: 13545
Ion Ratio Lower Upper
62 100
64 34.3 26.6 40.0





#5

Bromomethane

Concen: 20.906 ug/l

RT: 2.598 min Scan# 146

Delta R.T. -0.012 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

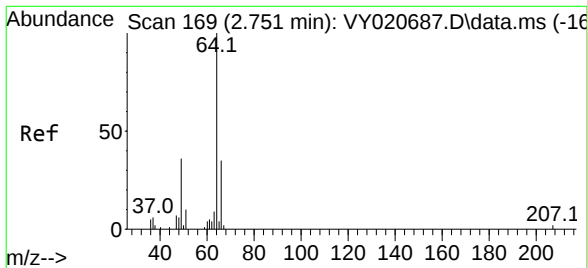
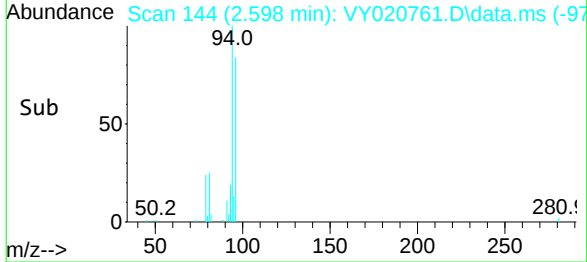
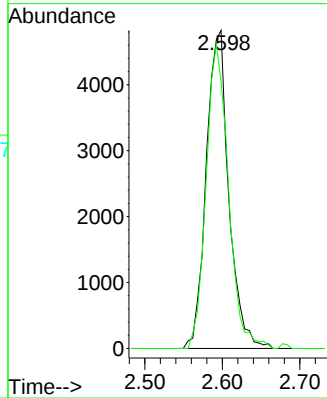
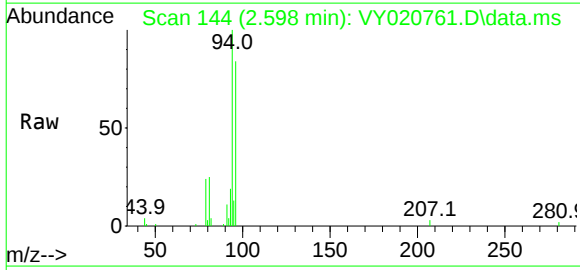
VY1231SBS01

Tgt Ion: 94 Resp: 9754

Ion Ratio Lower Upper

94 100

96 83.8 71.0 106.6



#6

Chloroethane

Concen: 22.708 ug/l

RT: 2.732 min Scan# 166

Delta R.T. -0.019 min

Lab File: VY020761.D

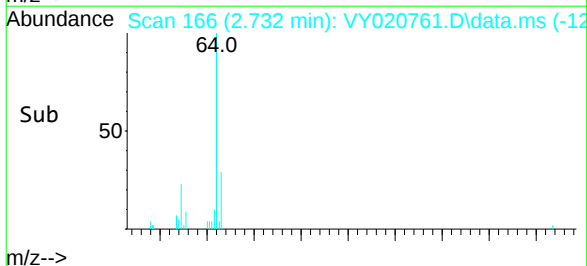
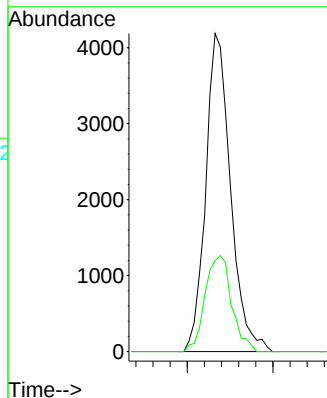
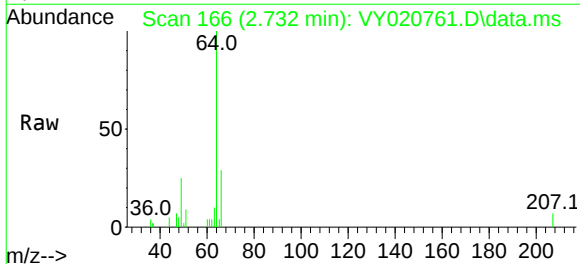
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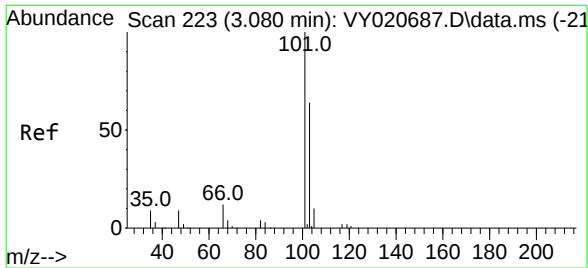
Tgt Ion: 64 Resp: 8418

Ion Ratio Lower Upper

64 100

66 28.6 27.8 41.8

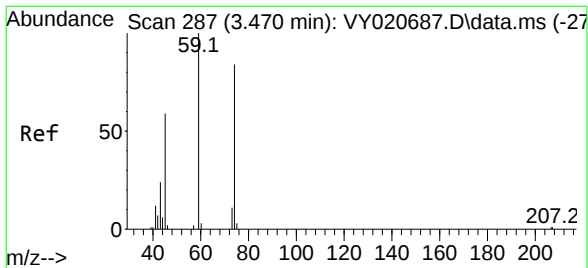
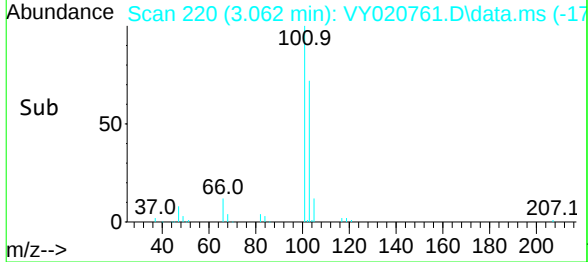
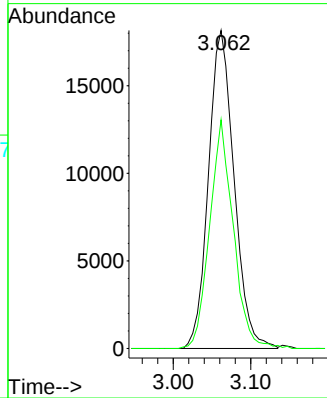
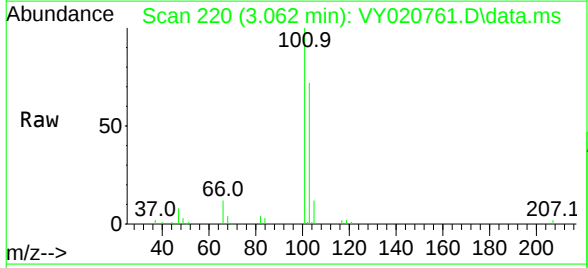




#7
 Trichlorofluoromethane
 Concen: 17.539 ug/l
 RT: 3.062 min Scan# 221
 Delta R.T. -0.018 min
 Lab File: VY020761.D
 Acq: 31 Dec 2024 11:23

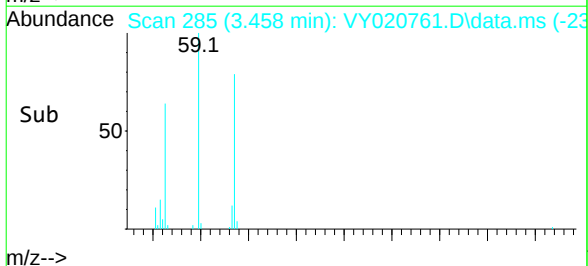
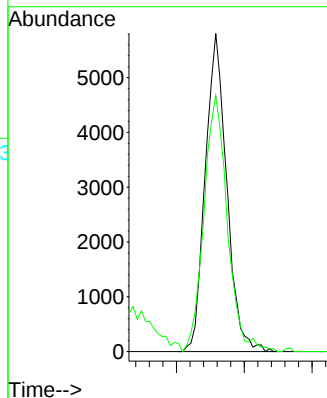
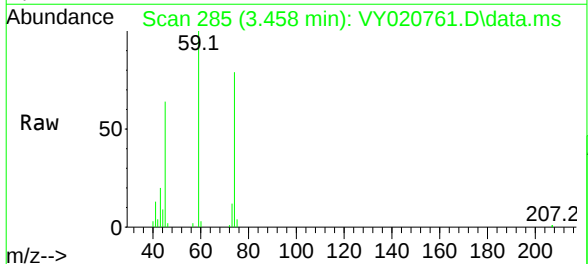
Instrument :
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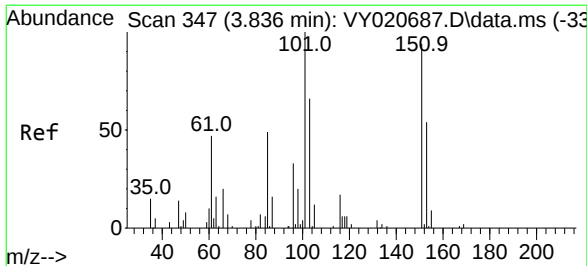
Tgt Ion: 101 Resp: 41679
 Ion Ratio Lower Upper
 101 100
 103 71.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 22.602 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.012 min
 Lab File: VY020761.D
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Tgt Ion: 74 Resp: 12781
 Ion Ratio Lower Upper
 74 100
 45 87.7 35.8 107.4

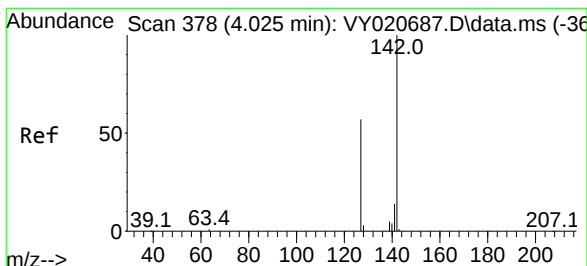
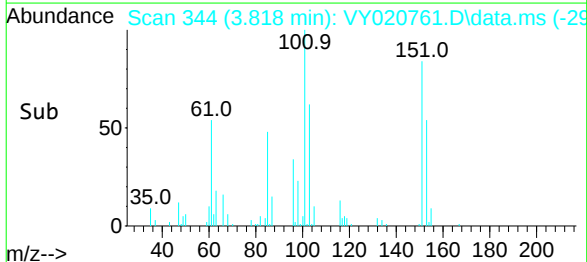
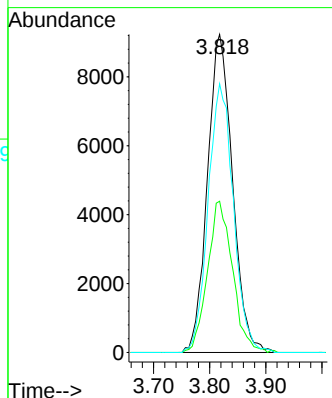
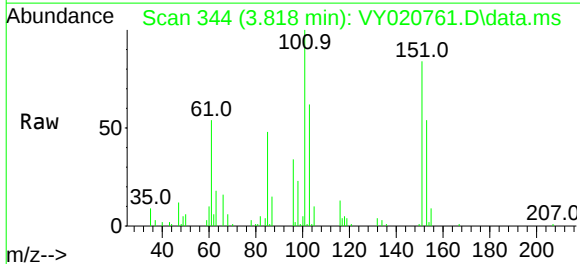




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.974 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

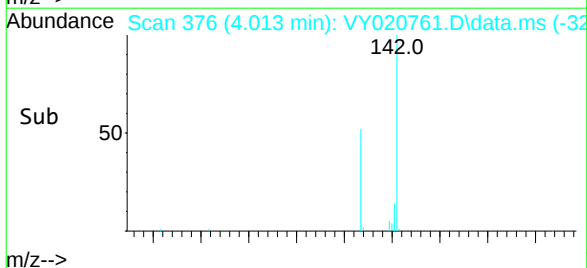
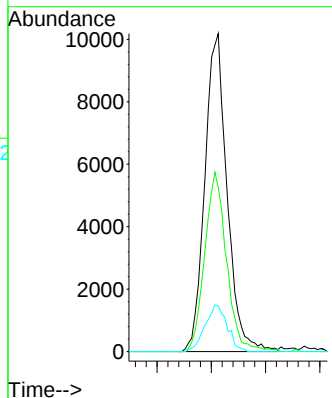
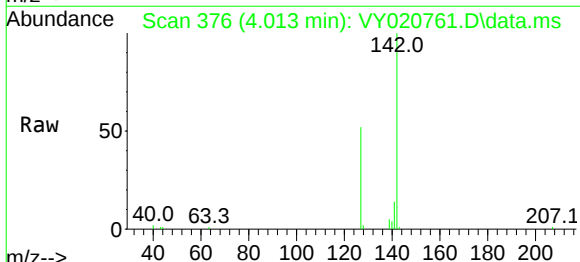
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

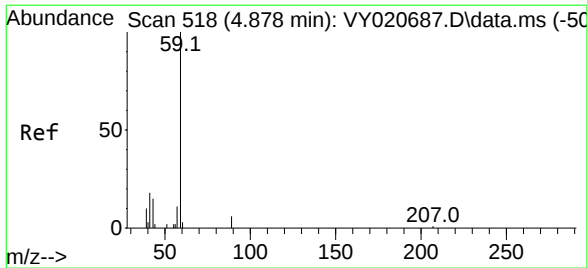
Tgt Ion:101 Resp: 28668
Ion Ratio Lower Upper
101 100
85 47.4 38.2 57.2
151 85.2 68.4 102.6



#10
Methyl Iodide
Concen: 20.347 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion:142 Resp: 29028
Ion Ratio Lower Upper
142 100
127 55.2 48.8 73.2
141 14.5 11.9 17.9

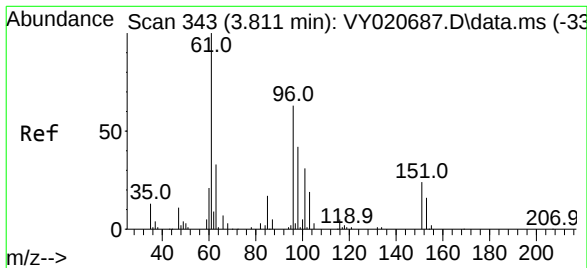
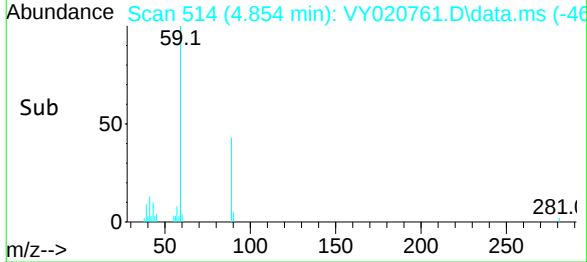
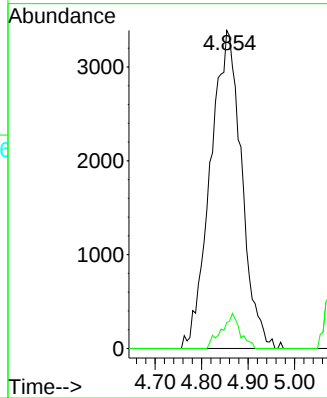
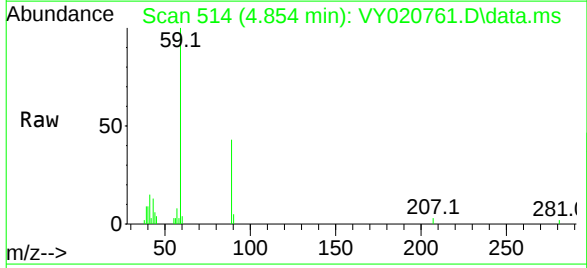




#11
Tert butyl alcohol
Concen: 175.545 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

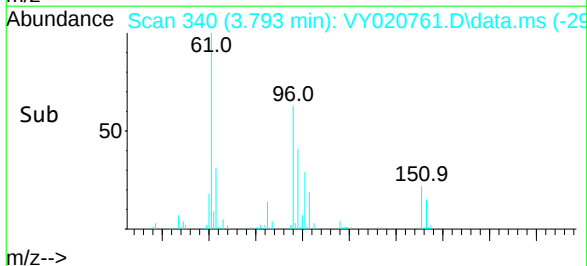
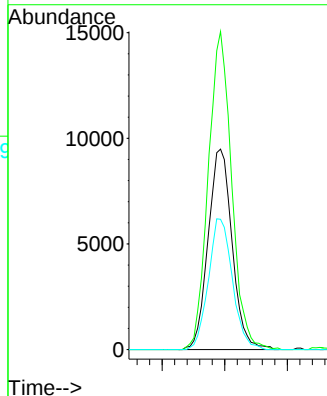
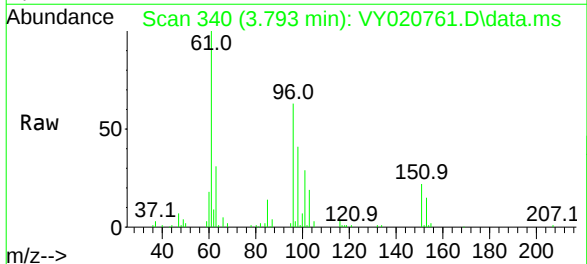
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

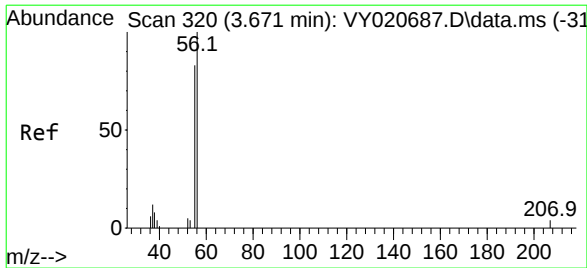
Tgt Ion: 59 Resp: 15799
Ion Ratio Lower Upper
59 100
57 6.5 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 21.791 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.018 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 96 Resp: 25304
Ion Ratio Lower Upper
96 100
61 158.7 127.1 190.7
98 65.0 53.4 80.0

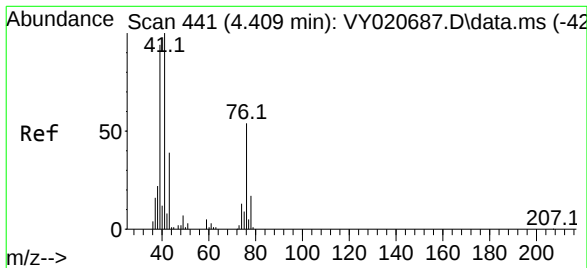
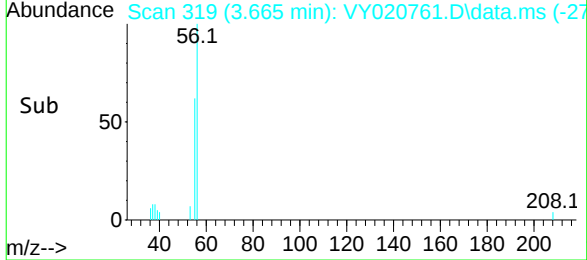
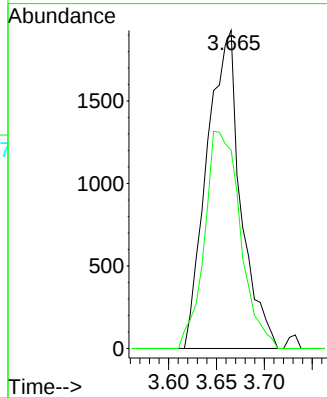
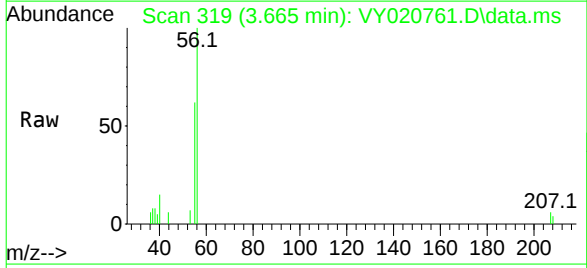




#13
Acrolein
Concen: 162.828 ug/l
RT: 3.665 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

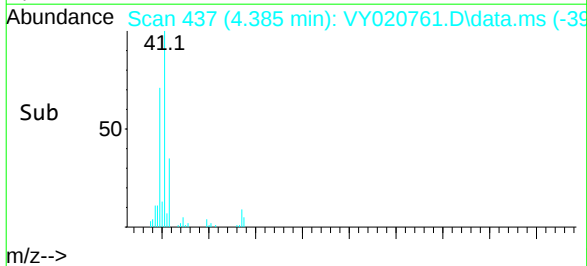
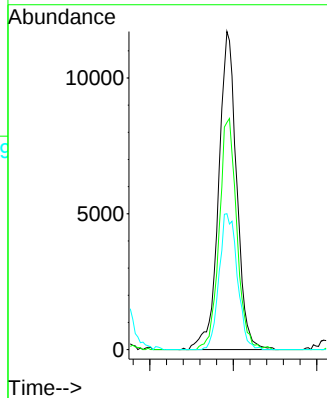
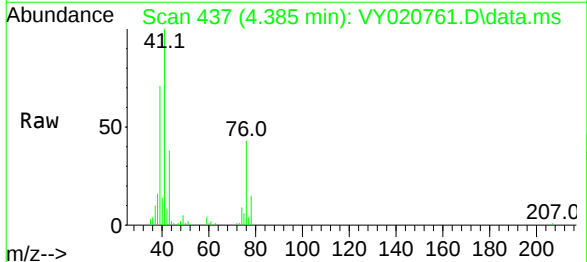
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

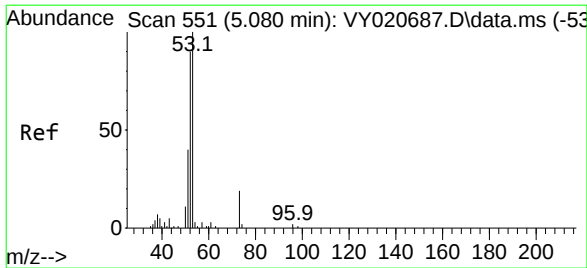
Tgt Ion: 56 Resp: 4737
Ion Ratio Lower Upper
56 100
55 72.3 57.0 85.4



#14
Allyl chloride
Concen: 25.905 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.024 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 41 Resp: 35202
Ion Ratio Lower Upper
41 100
39 70.7 73.5 110.3#
76 43.1 41.8 62.8





#15

Acrylonitrile

Concen: 130.812 ug/l

RT: 5.067 min Scan# 54

Delta R.T. -0.013 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

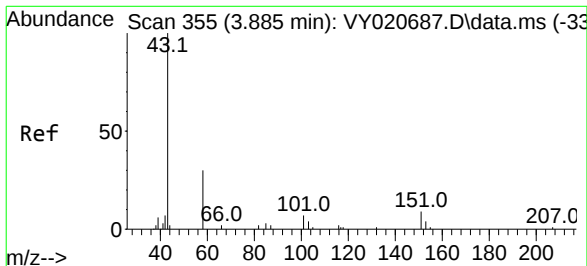
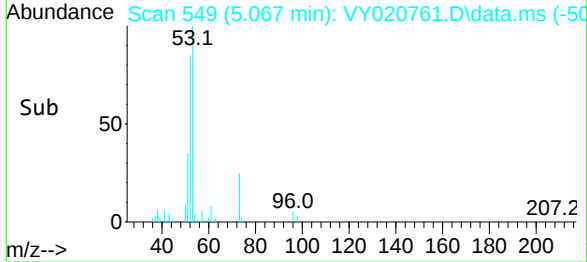
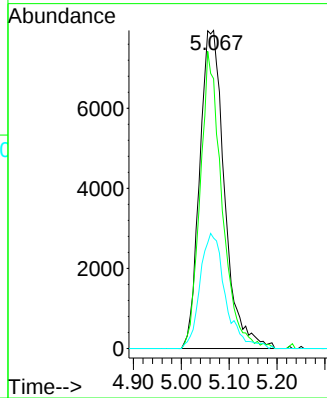
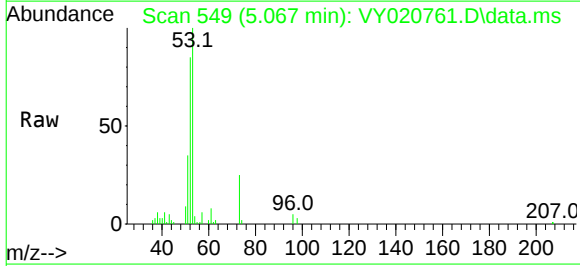
Tgt Ion: 53 Resp: 28576

Ion Ratio Lower Upper

53 100

52 82.2 67.1 100.7

51 37.1 31.4 47.0



#16

Acetone

Concen: 117.600 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.019 min

Lab File: VY020761.D

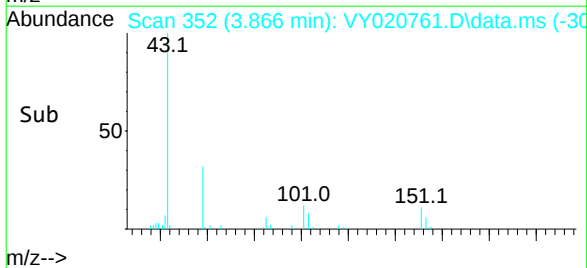
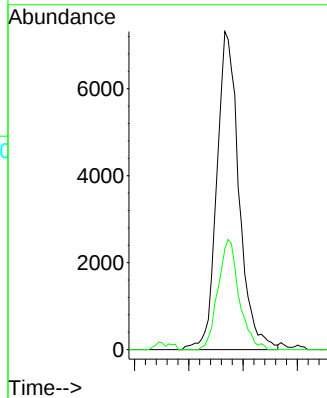
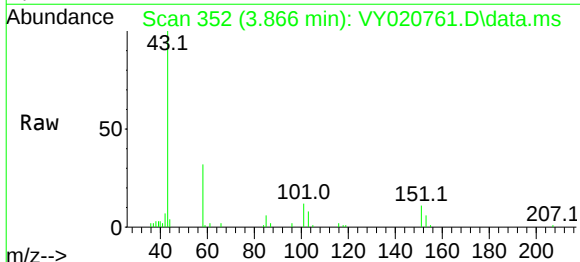
Acq: 31 Dec 2024 11:23

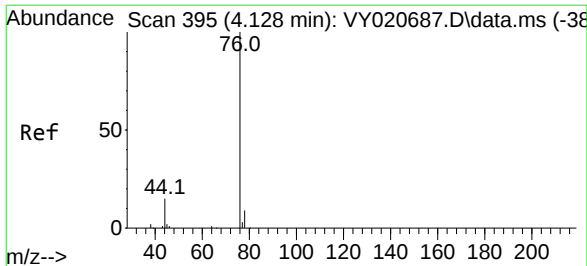
Tgt Ion: 43 Resp: 20762

Ion Ratio Lower Upper

43 100

58 31.7 25.0 37.6

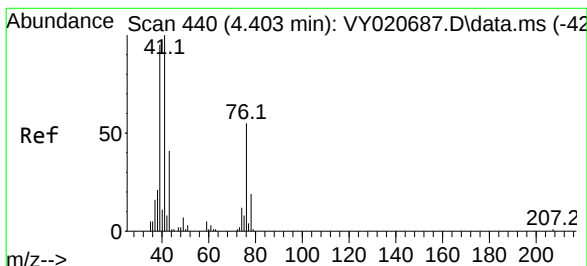
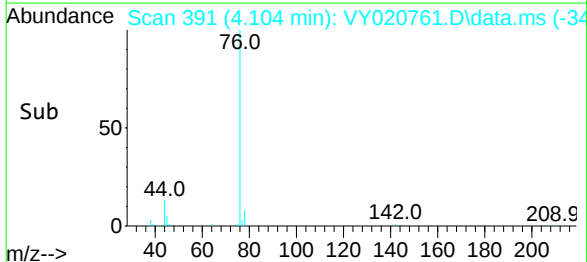
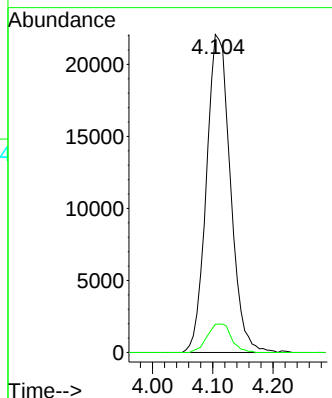
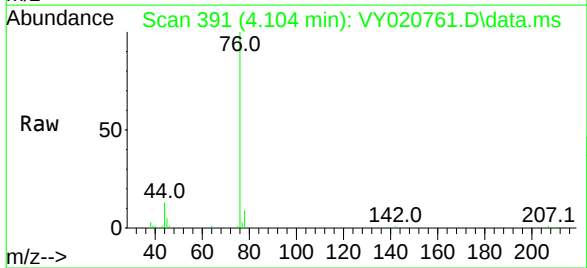




#17
Carbon Disulfide
Concen: 21.393 ug/l
RT: 4.104 min Scan# 39
Delta R.T. -0.024 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

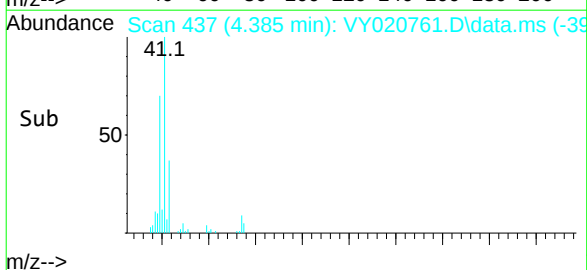
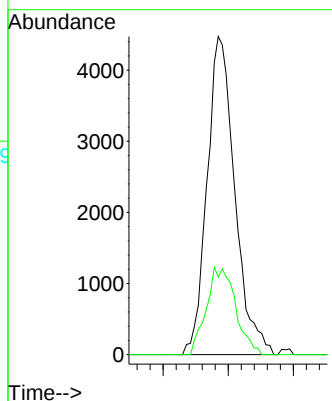
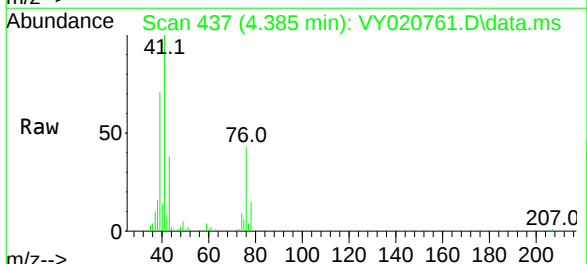
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

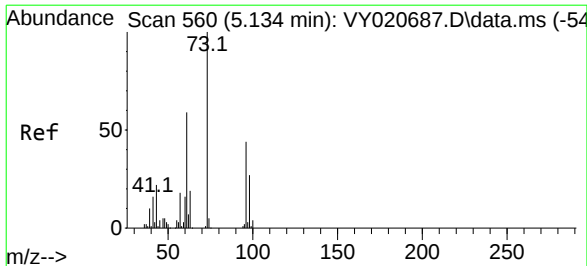
Tgt Ion: 76 Resp: 60938
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 27.715 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 43 Resp: 13243
Ion Ratio Lower Upper
43 100
74 28.7 25.3 37.9

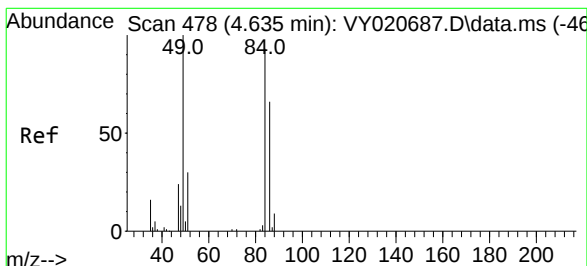
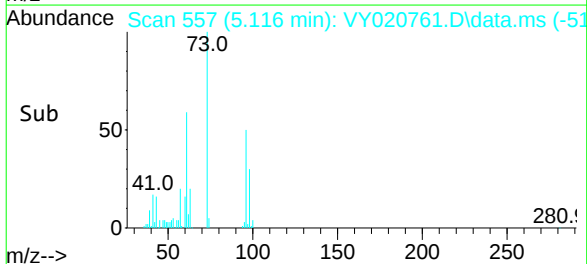
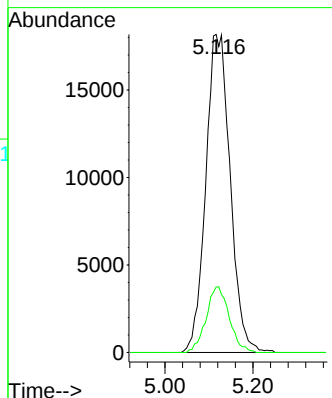
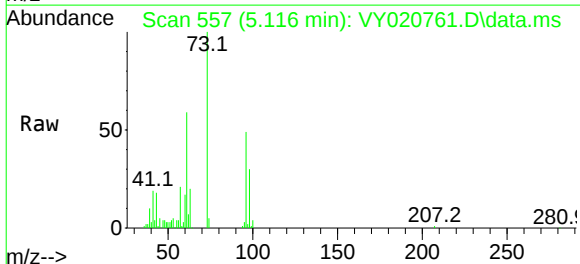




#19
Methyl tert-butyl Ether
Concen: 21.657 ug/l
RT: 5.116 min Scan# 557
Delta R.T. -0.018 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

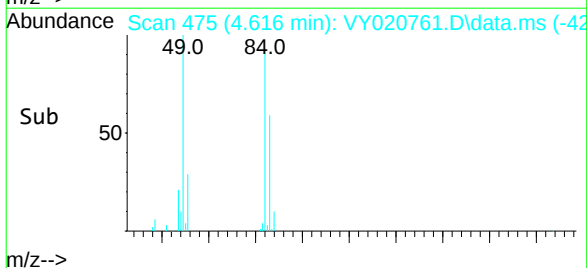
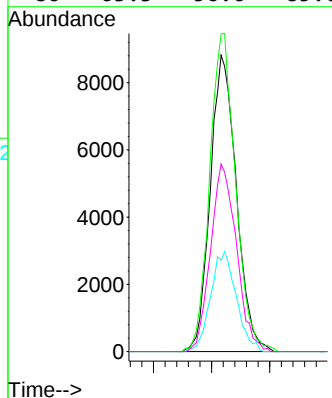
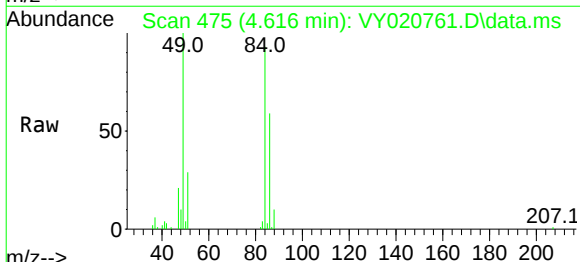
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

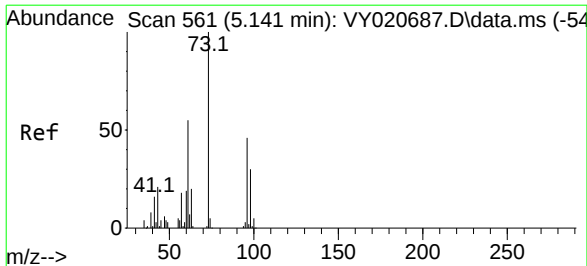
Tgt Ion: 73 Resp: 70093
Ion Ratio Lower Upper
73 100
57 20.6 14.4 21.6



#20
Methylene Chloride
Concen: 23.903 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.019 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 84 Resp: 27446
Ion Ratio Lower Upper
84 100
49 107.2 86.4 129.6
51 30.8 25.5 38.3
86 63.3 56.6 85.0





#21

trans-1,2-Dichloroethene

Concen: 22.672 ug/l

RT: 5.116 min Scan# 55

Delta R.T. -0.025 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

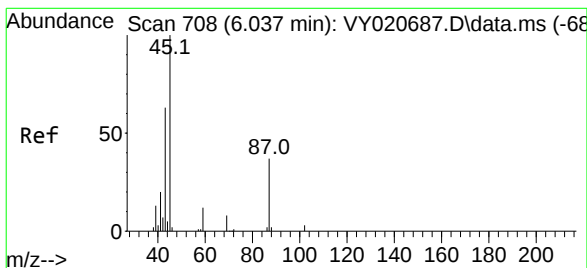
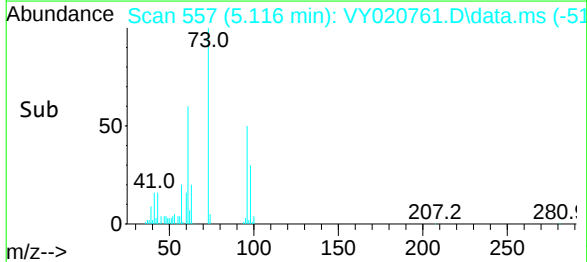
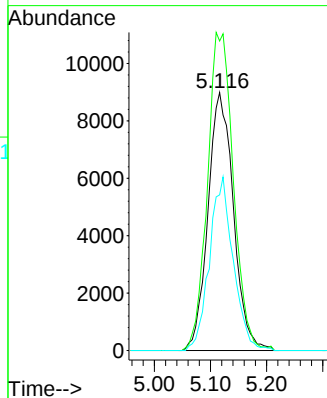
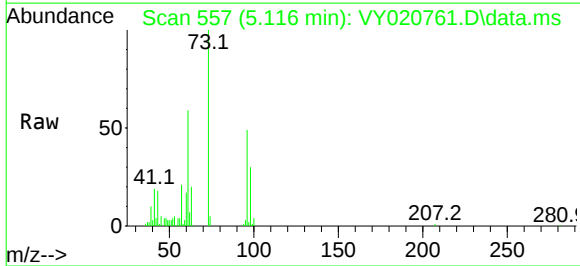
Tgt Ion: 96 Resp: 28370

Ion Ratio Lower Upper

96 100

61 119.9 96.1 144.1

98 60.3 52.7 79.1



#22

Diisopropyl ether

Concen: 26.737 ug/l

RT: 6.018 min Scan# 705

Delta R.T. -0.019 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Tgt Ion: 45 Resp: 73858

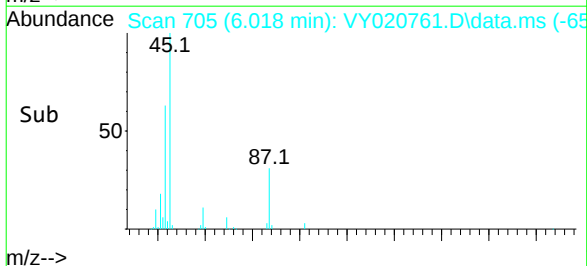
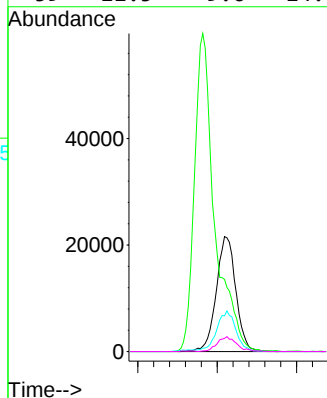
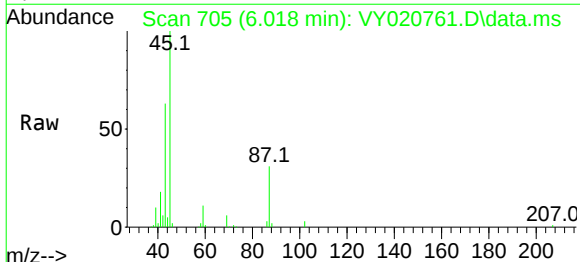
Ion Ratio Lower Upper

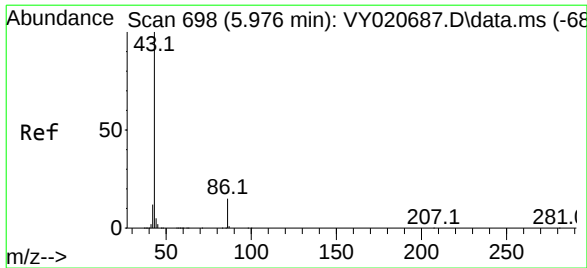
45 100

43 62.2 51.3 76.9

87 31.1 30.6 46.0

59 11.5 9.6 14.4





#23

Vinyl Acetate

Concen: 127.663 ug/l

RT: 5.964 min Scan# 69

Delta R.T. -0.012 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

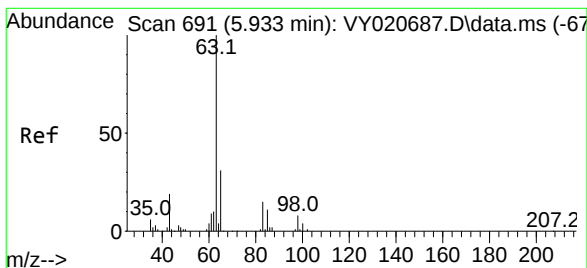
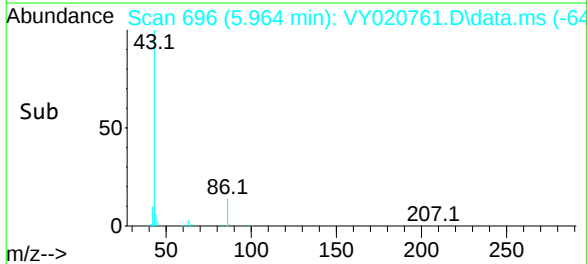
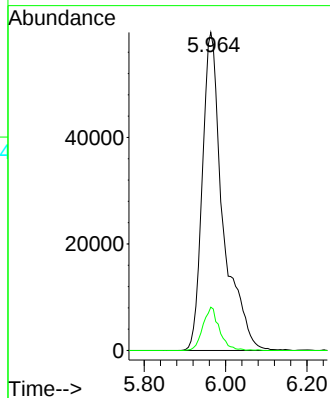
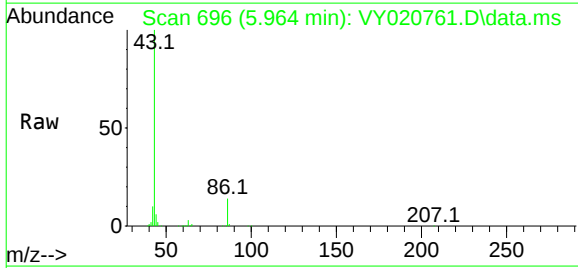
VY1231SBS01

Tgt Ion: 43 Resp: 210638

Ion Ratio Lower Upper

43 100

86 13.6 12.0 18.0



#24

1,1-Dichloroethane

Concen: 23.279 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.012 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

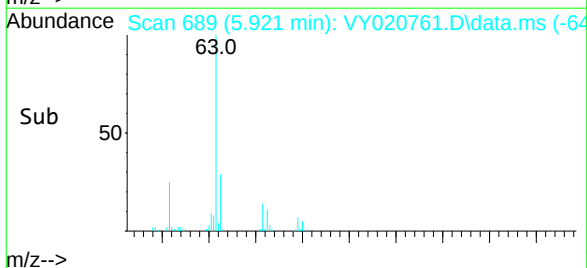
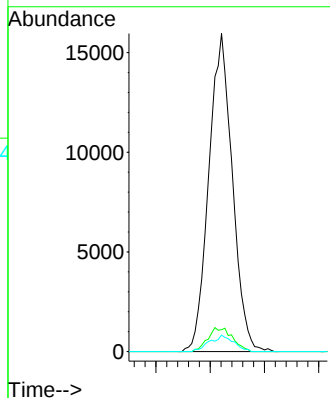
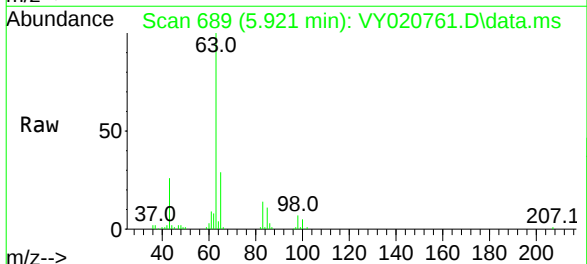
Tgt Ion: 63 Resp: 48212

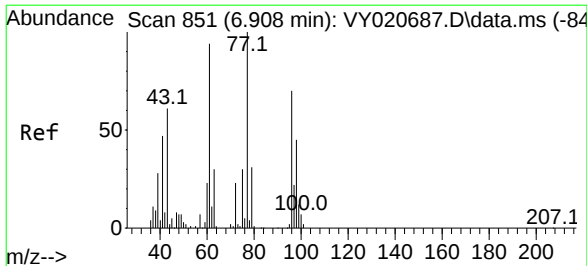
Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

100 5.2 2.1 6.2

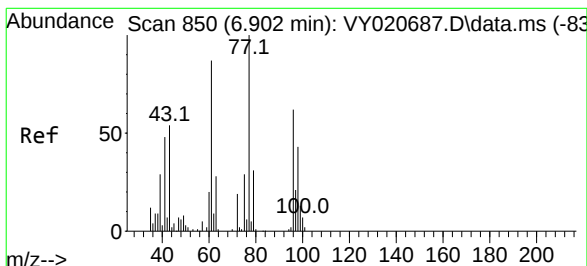
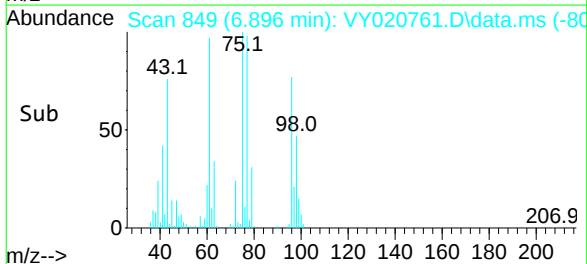
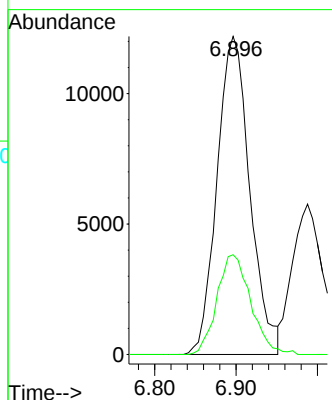
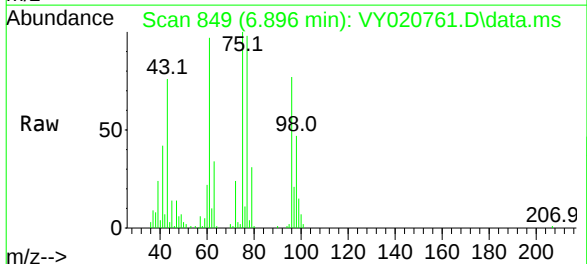




#25
2-Butanone
Concen: 143.563 ug/l
RT: 6.896 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

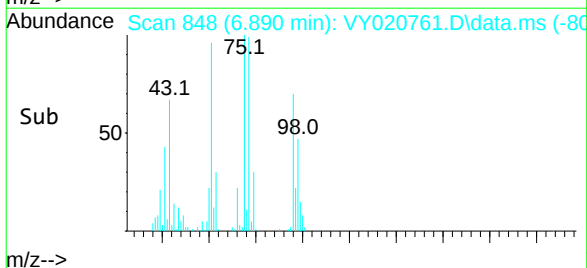
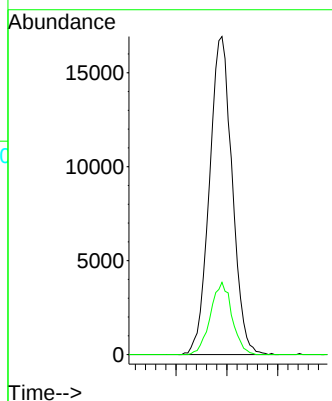
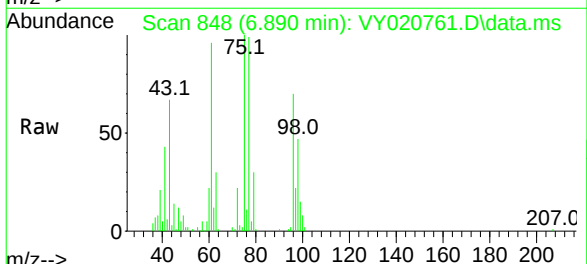
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

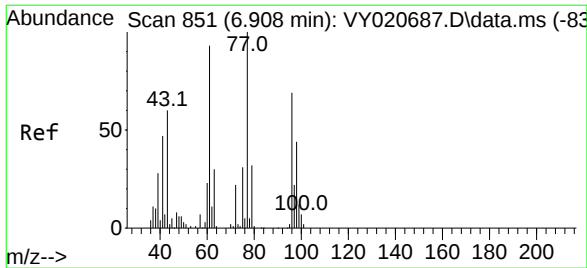
Tgt Ion: 43 Resp: 34238
Ion Ratio Lower Upper
43 100
72 31.4 29.5 44.3



#26
2,2-Dichloropropane
Concen: 20.734 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 77 Resp: 52558
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.4

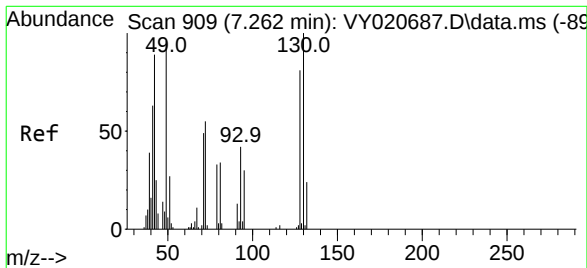
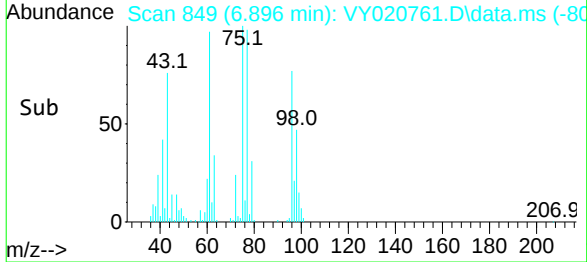
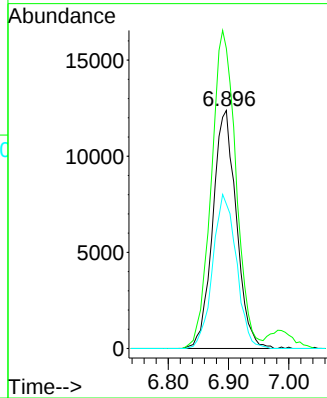
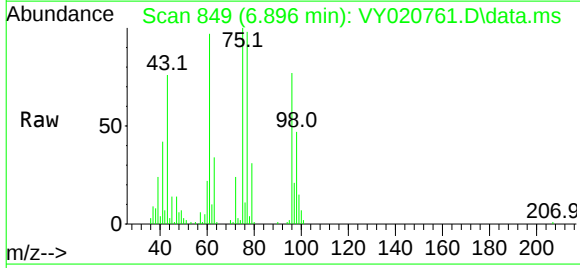




#27
cis-1,2-Dichloroethene
Concen: 22.496 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

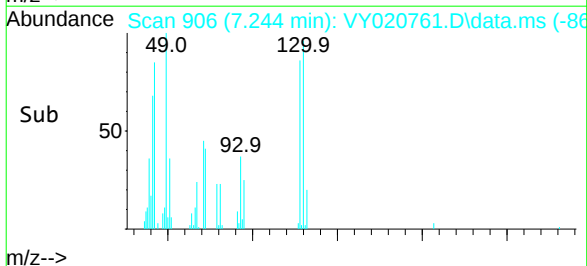
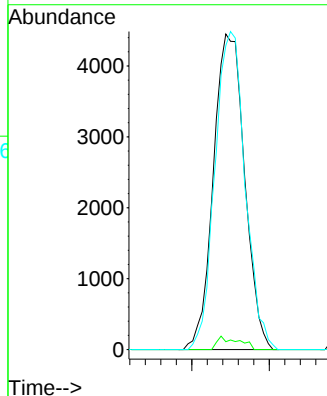
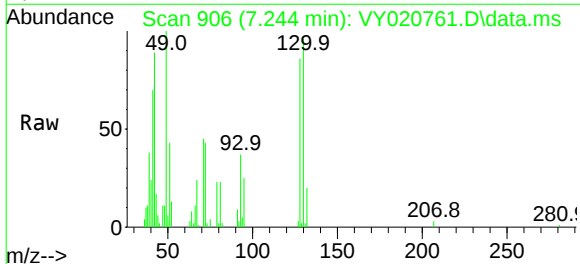
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

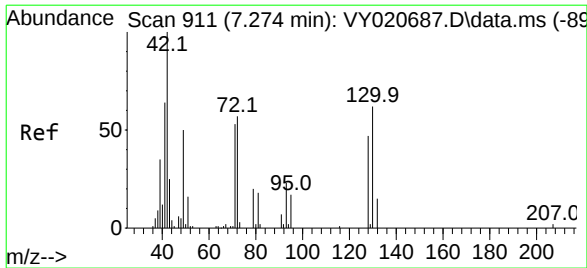
Tgt Ion:	96	Resp:	33711
Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	277.2
98	65.0	0.0	131.0



#28
Bromochloromethane
Concen: 22.710 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.018 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion:	49	Resp:	12438
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.4
130	97.4	87.2	130.8





#29

Tetrahydrofuran

Concen: 149.438 ug/l

RT: 7.262 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

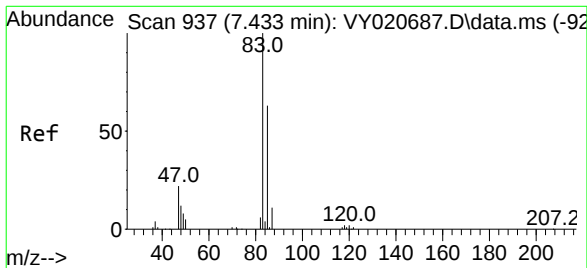
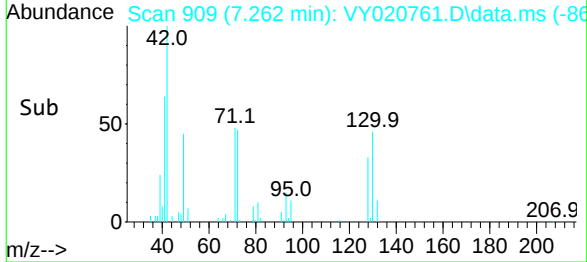
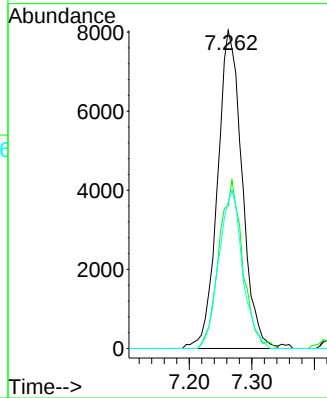
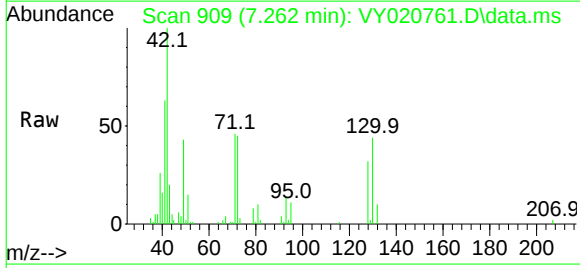
Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

Tgt Ion: 42	Resp: 21876
Ion Ratio	Lower Upper
42 100	
72 51.3	47.4 71.0
71 48.2	42.8 64.2



#30

Chloroform

Concen: 21.868 ug/l

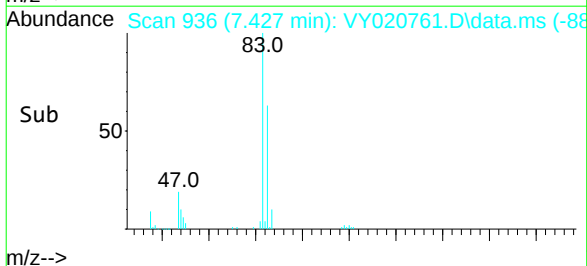
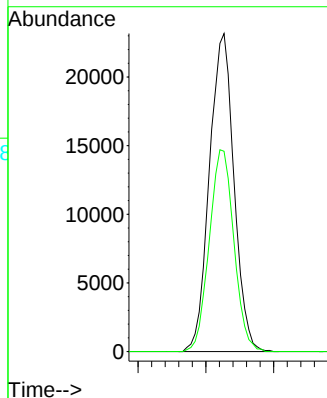
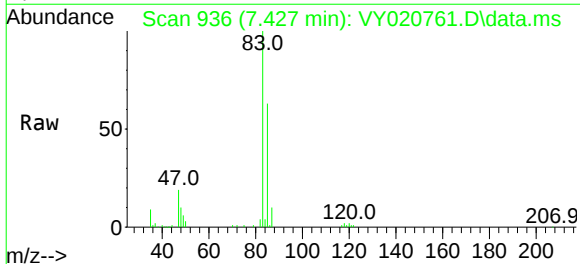
RT: 7.427 min Scan# 936

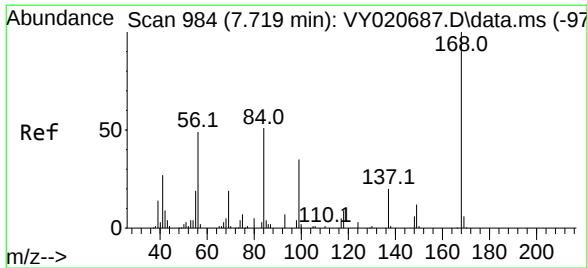
Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Tgt Ion: 83	Resp: 58262
Ion Ratio	Lower Upper
83 100	
85 63.0	50.2 75.2





#31

Cyclohexane

Concen: 22.823 ug/l

RT: 7.707 min Scan# 98

Delta R.T. -0.012 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

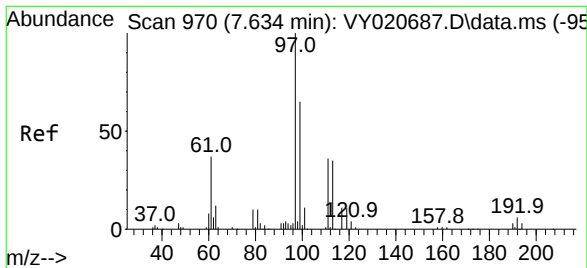
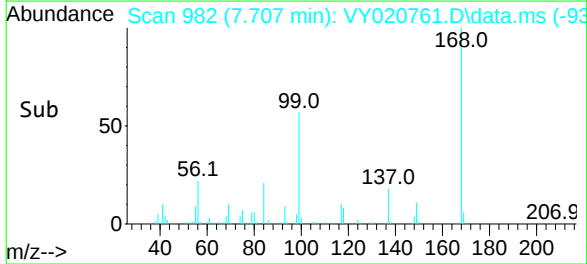
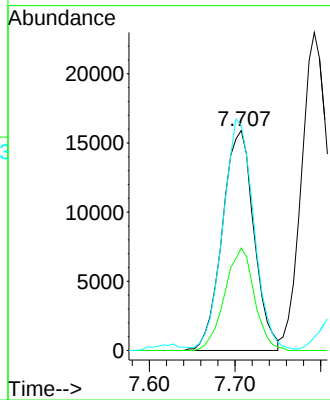
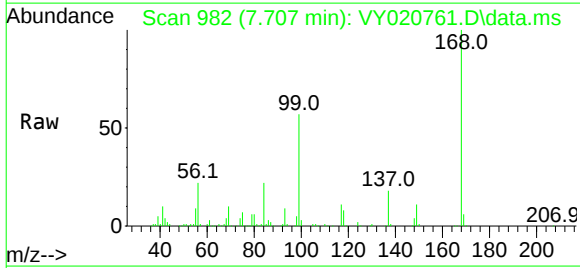
Tgt Ion: 56 Resp: 40800

Ion Ratio Lower Upper

56 100

69 46.5 31.3 46.9

84 100.7 83.9 125.9



#32

1,1,1-Trichloroethane

Concen: 19.440 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

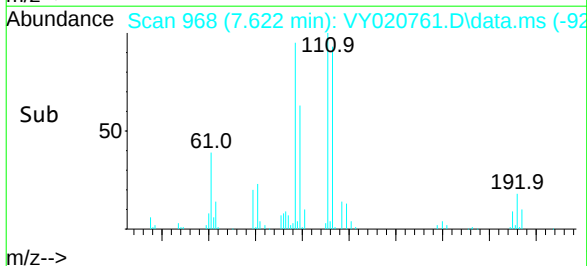
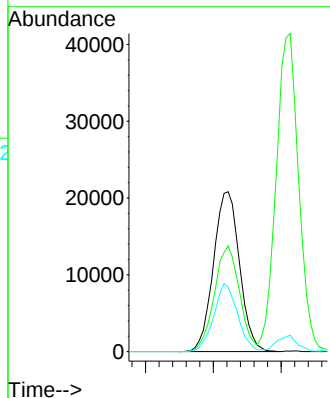
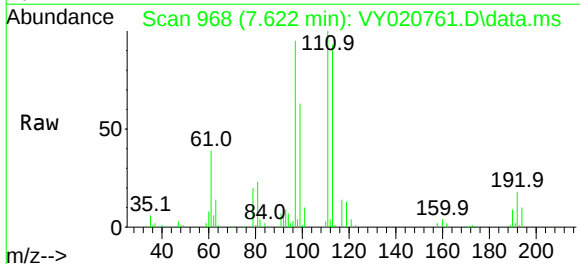
Tgt Ion: 97 Resp: 55516

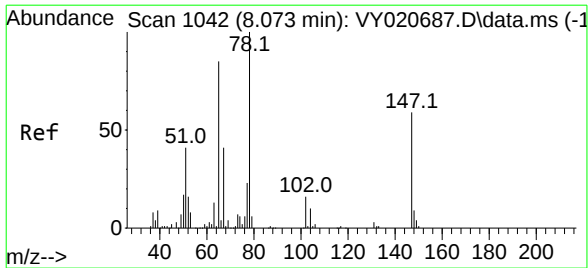
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 39.1 30.0 45.0

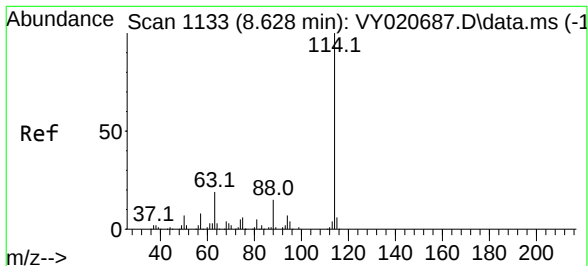
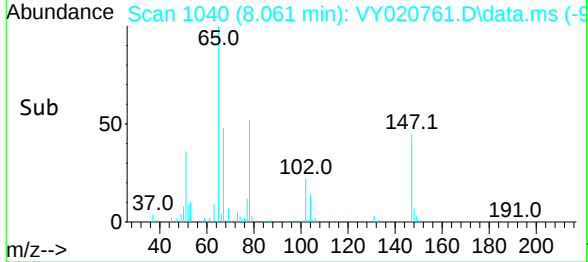
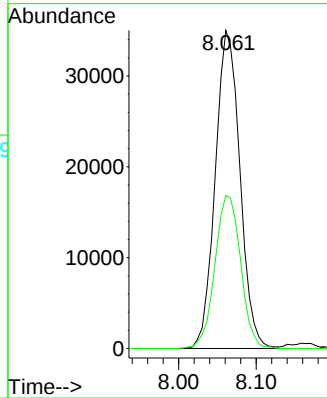
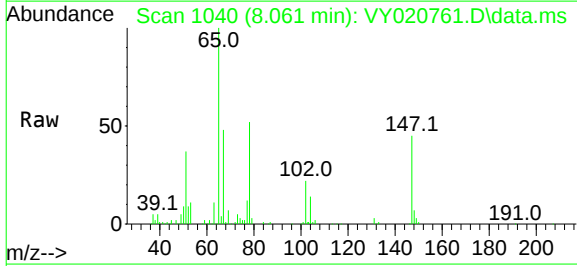




#33
1,2-Dichloroethane-d4
Concen: 55.652 ug/l
RT: 8.061 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

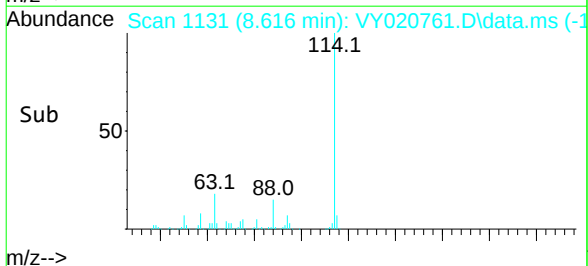
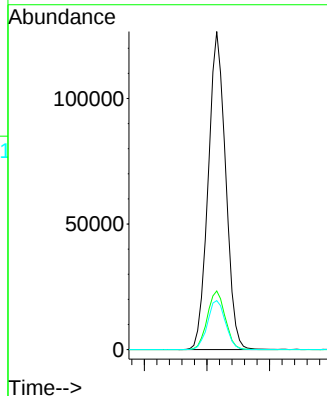
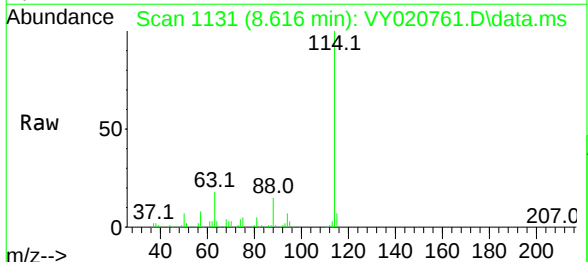
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

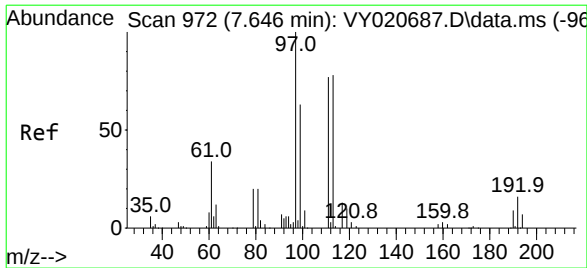
Tgt Ion: 65 Resp: 77450
Ion Ratio Lower Upper
65 100
67 50.1 0.0 98.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 114 Resp: 244861
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.4
88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 56.457 ug/l

RT: 7.634 min Scan# 97

Delta R.T. -0.012 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

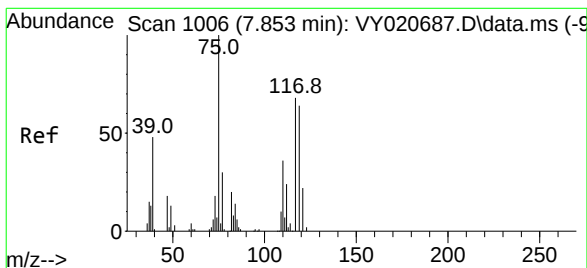
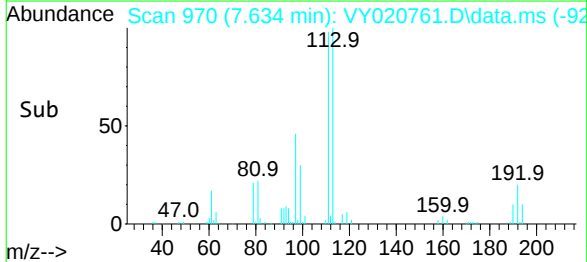
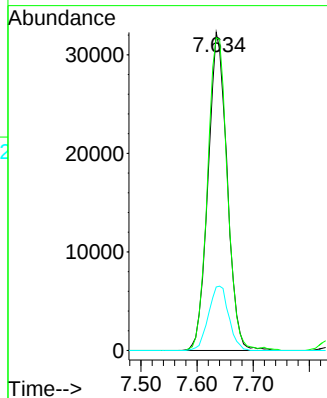
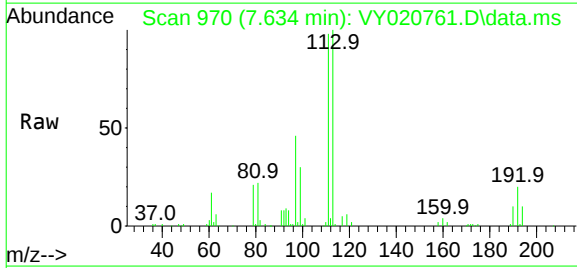
Tgt Ion:113 Resp: 76145

Ion Ratio Lower Upper

113 100

111 102.0 79.8 119.8

192 21.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 21.419 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.018 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

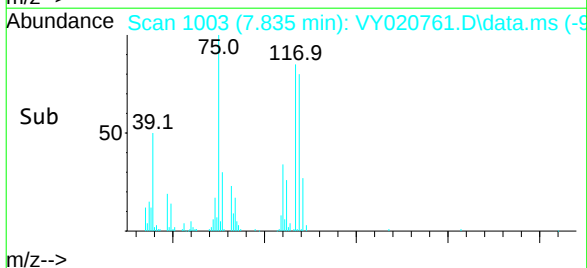
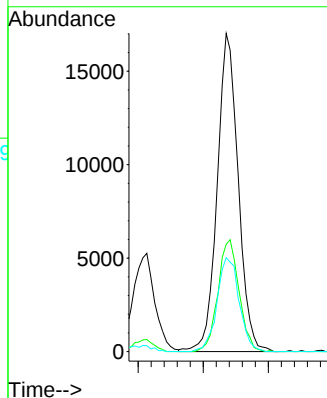
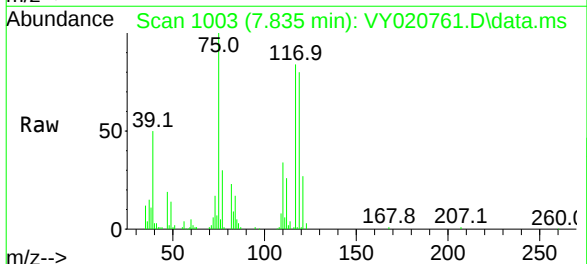
Tgt Ion: 75 Resp: 38160

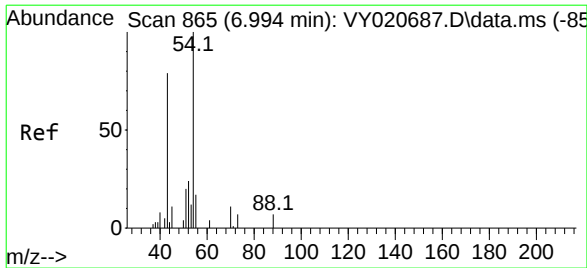
Ion Ratio Lower Upper

75 100

110 35.3 19.6 58.7

77 31.1 25.1 37.7

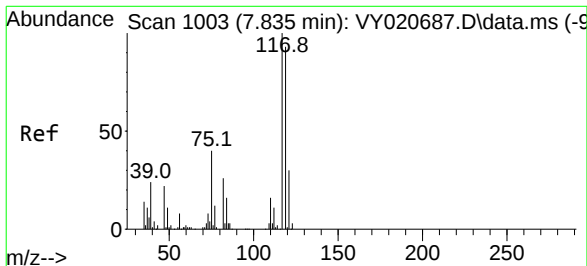
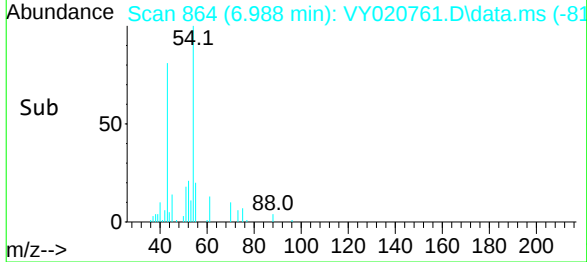
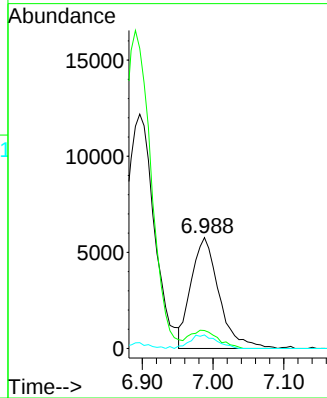
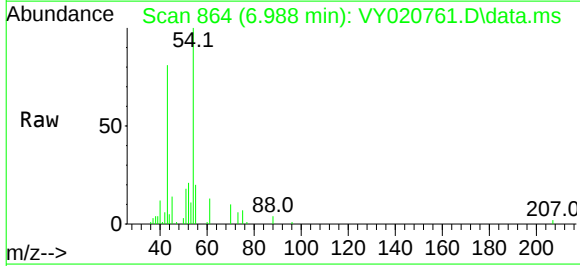




#37
Ethyl Acetate
Concen: 26.979 ug/l
RT: 6.988 min Scan# 86
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

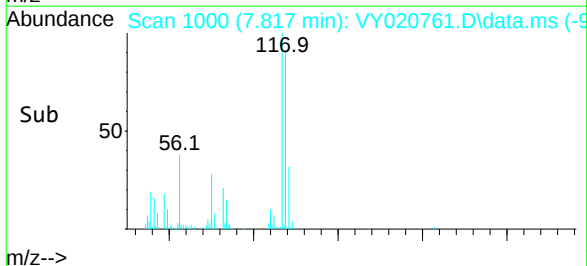
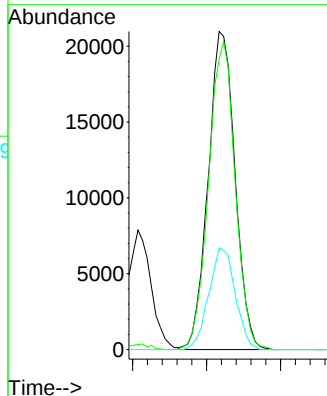
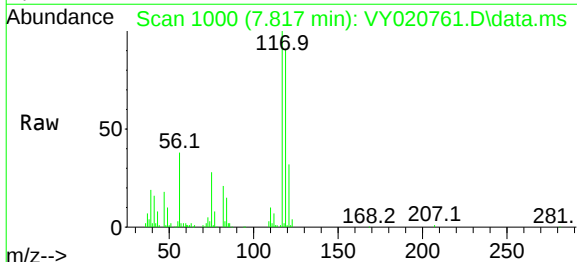
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

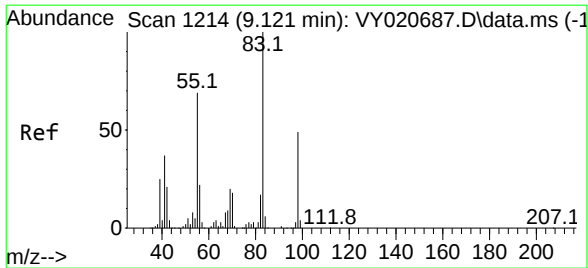
Tgt Ion: 43 Resp: 15839
Ion Ratio Lower Upper
43 100
61 16.7 11.7 17.5
70 11.9 11.0 16.4



#38
Carbon Tetrachloride
Concen: 18.033 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.018 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 117 Resp: 52904
Ion Ratio Lower Upper
117 100
119 91.3 74.4 111.6
121 32.0 24.2 36.2

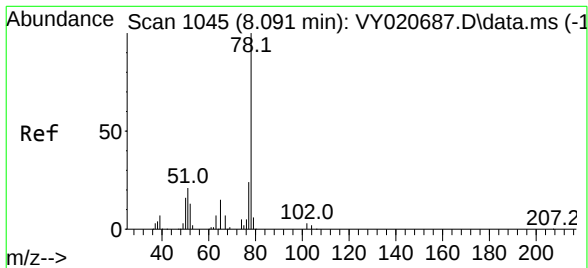
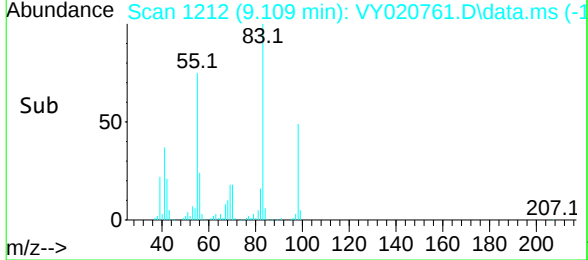
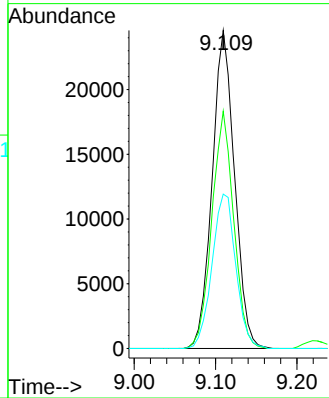
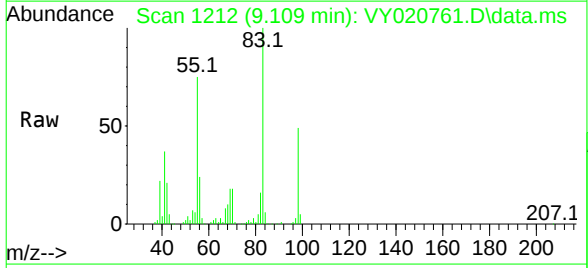




#39
Methylcyclohexane
Concen: 20.563 ug/l
RT: 9.109 min Scan# 1214
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

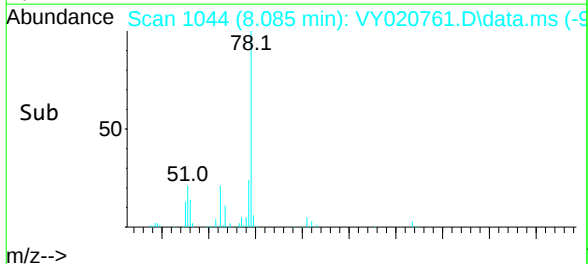
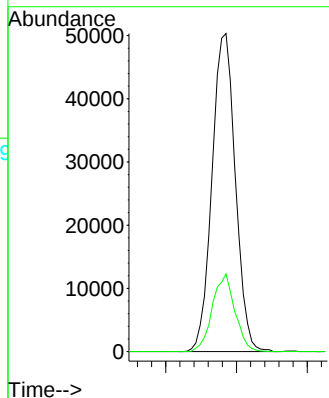
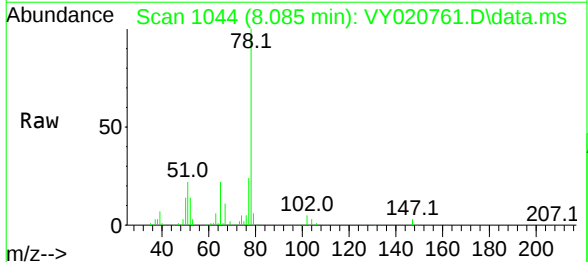
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

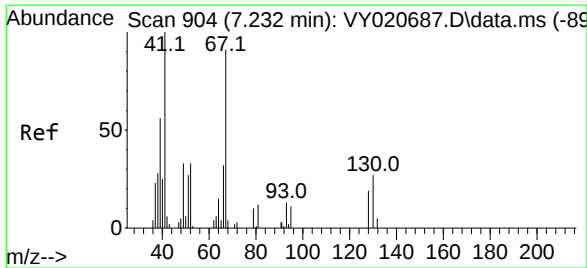
Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.6	55.0	82.4
98	48.5	39.0	58.6



#40
Benzene
Concen: 22.338 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

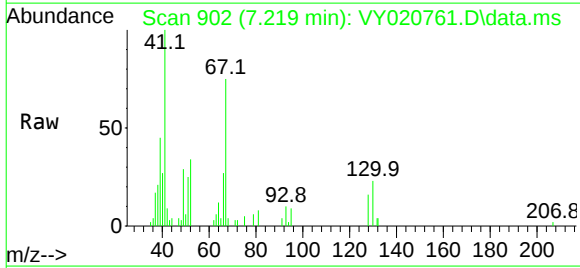
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8



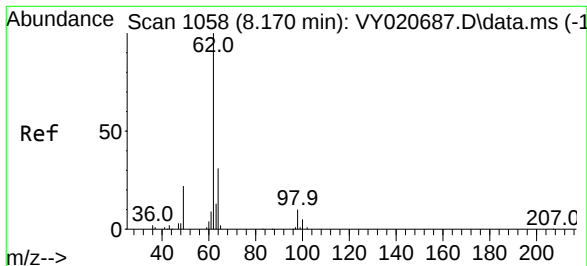
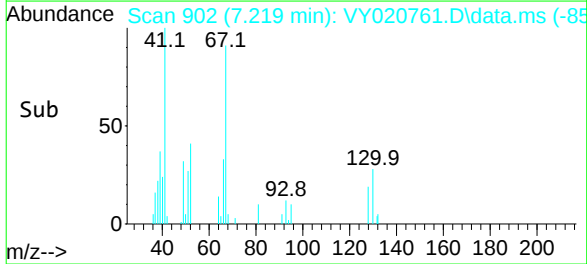
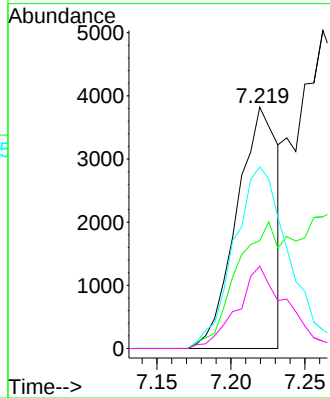


#41
Methacrylonitrile
Concen: 24.667 ug/l
RT: 7.219 min Scan# 90
Delta R.T. -0.013 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

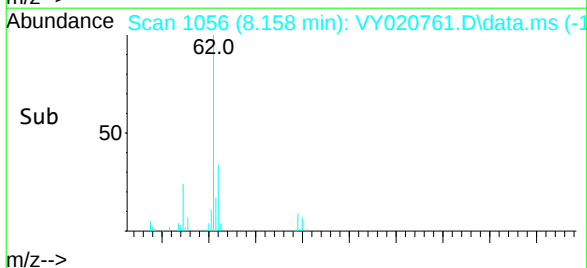
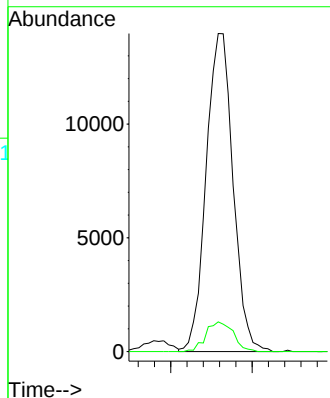
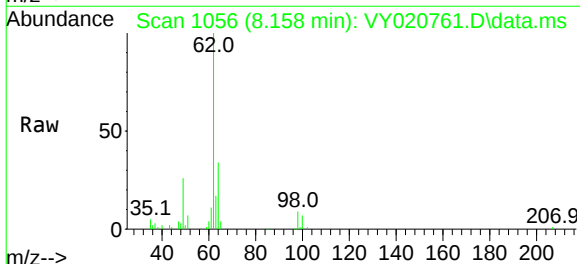


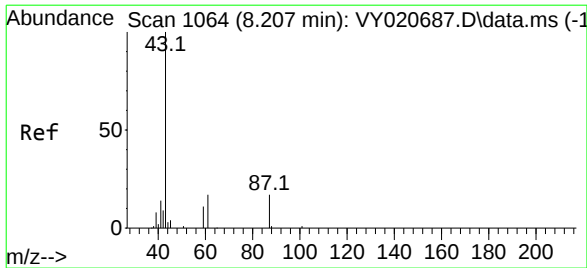
Tgt Ion	Ratio	Lower	Upper
41	100		
39	71.0	46.6	70.0#
67	101.5	74.7	112.1
52	41.8	32.2	48.4



#42
1,2-Dichloroethane
Concen: 19.400 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.6

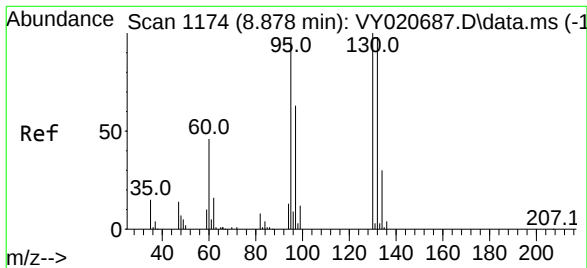
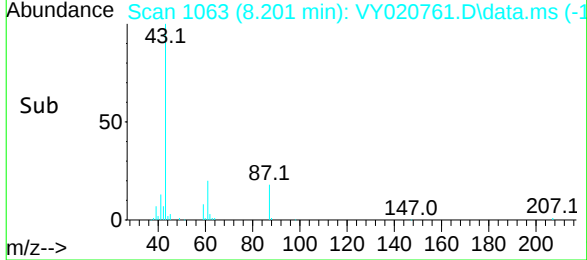
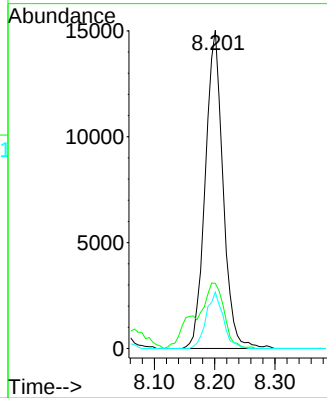
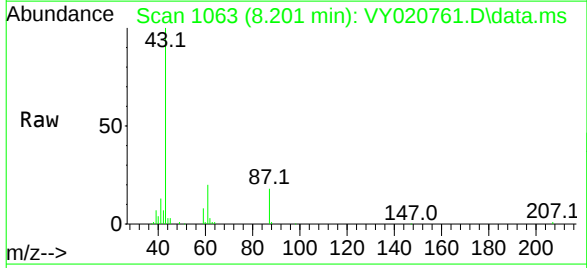




#43
Isopropyl Acetate
Concen: 24.608 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

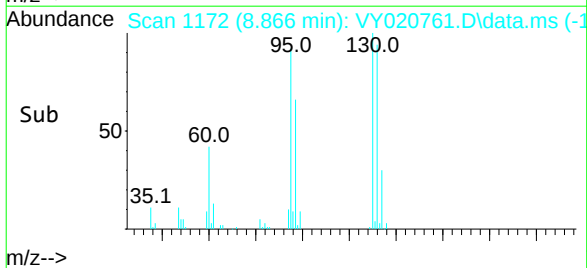
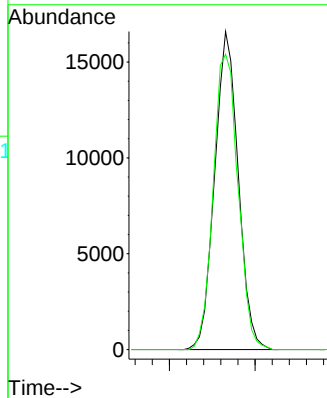
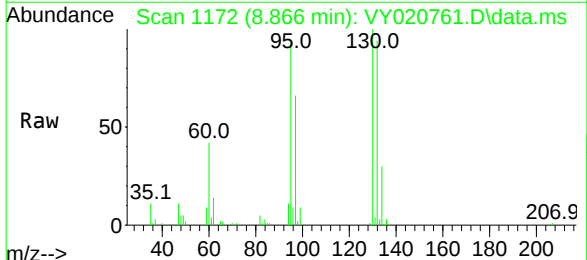
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

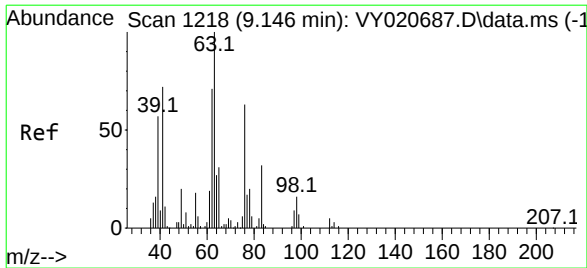
Tgt Ion: 43 Resp: 30707
Ion Ratio Lower Upper
43 100
61 33.3 27.0 40.4
87 17.1 14.2 21.4



#44
Trichloroethene
Concen: 20.577 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion:130 Resp: 31734
Ion Ratio Lower Upper
130 100
95 92.8 0.0 194.8

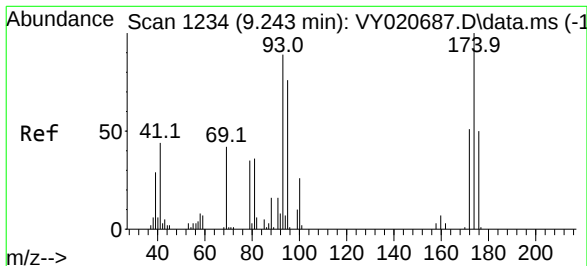
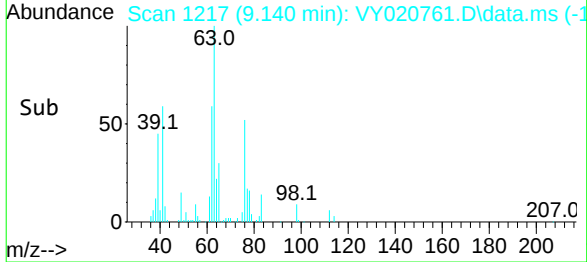
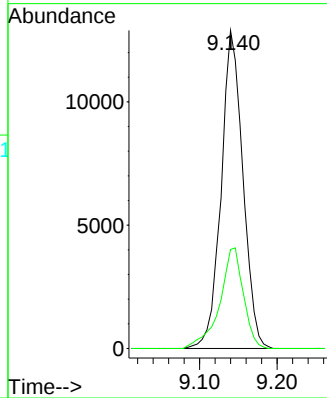
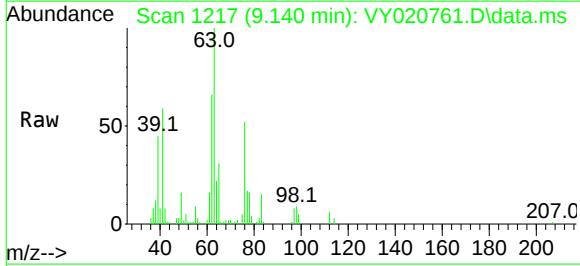




#45
1,2-Dichloropropane
Concen: 24.014 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

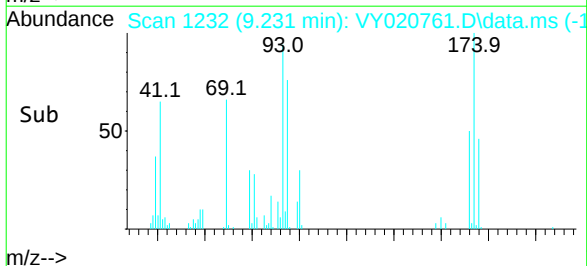
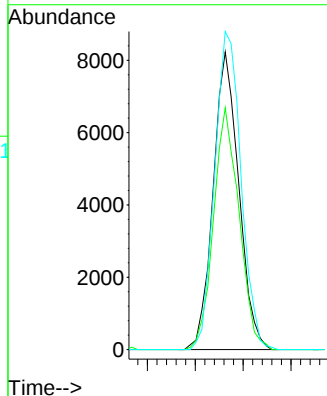
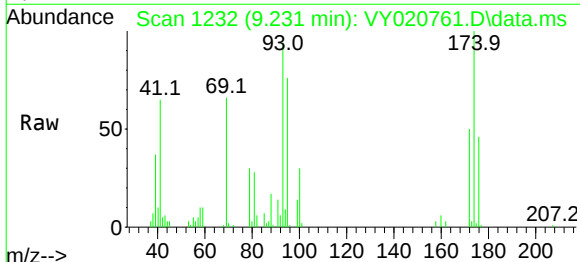
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

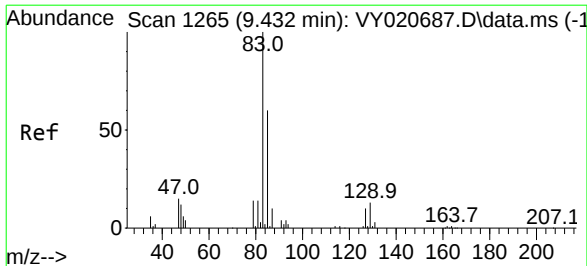
Tgt Ion: 63 Resp: 25099
Ion Ratio Lower Upper
63 100
65 31.1 24.6 36.8



#46
Dibromomethane
Concen: 21.119 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 93 Resp: 15273
Ion Ratio Lower Upper
93 100
95 81.0 67.8 101.8
174 110.0 89.4 134.0

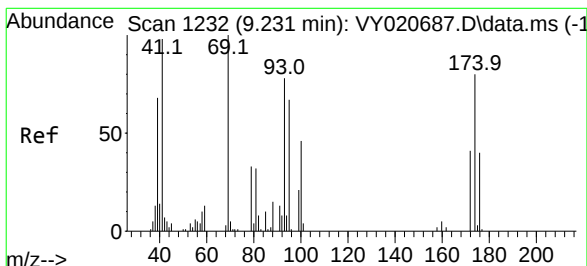
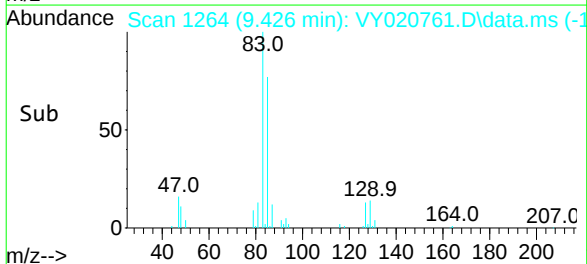
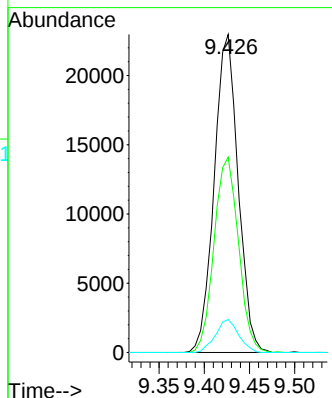
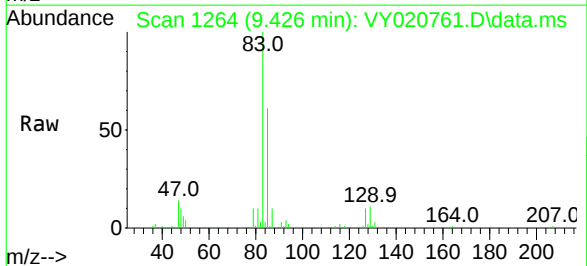




#47
Bromodichloromethane
Concen: 20.626 ug/l
RT: 9.426 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

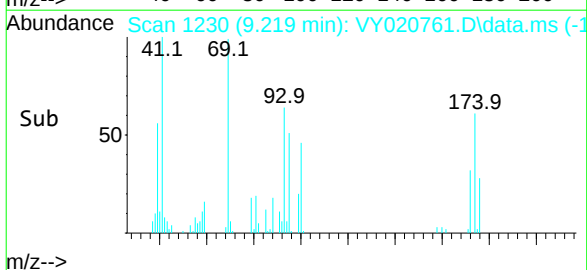
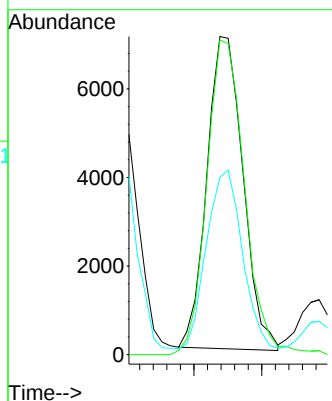
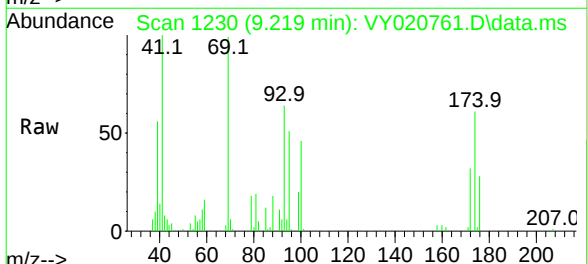
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

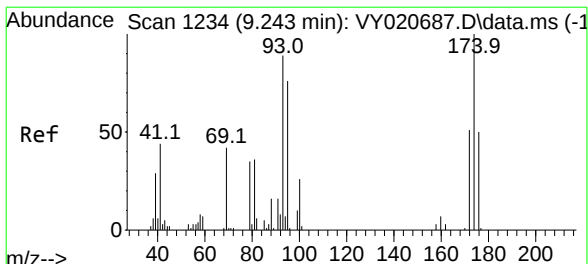
Tgt Ion	83	Resp	42289
Ion	Ratio	Lower	Upper
83	100		
85	61.4	47.6	71.4
127	10.4	7.9	11.9



#48
Methyl methacrylate
Concen: 22.336 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

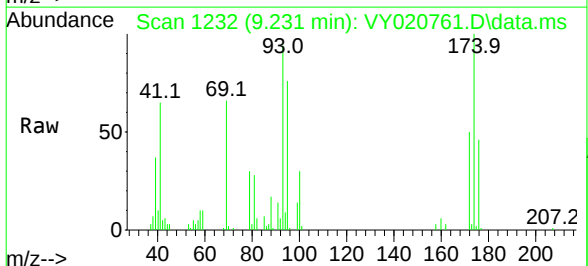
Tgt Ion	41	Resp	13016
Ion	Ratio	Lower	Upper
41	100		
69	105.6	83.1	124.7
39	57.5	57.3	85.9



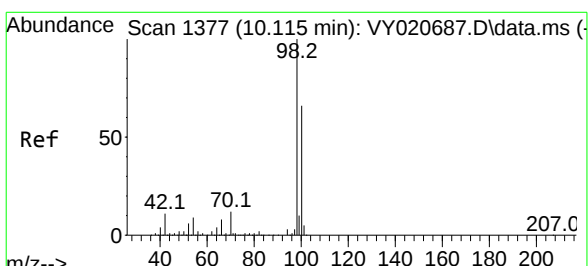
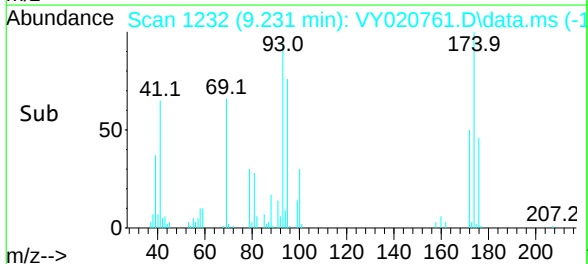
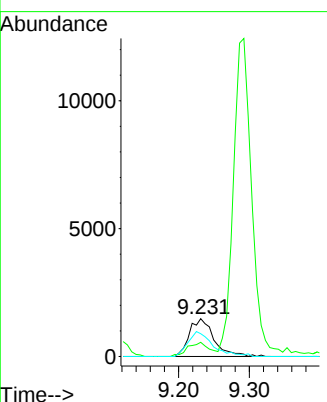


#49
 1,4-Dioxane
 Concen: 519.125 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. -0.012 min
 Lab File: VY020761.D
 Acq: 31 Dec 2024 11:23

Instrument : MSVOA_Y
 ClientSampleId : VY1231SBS01

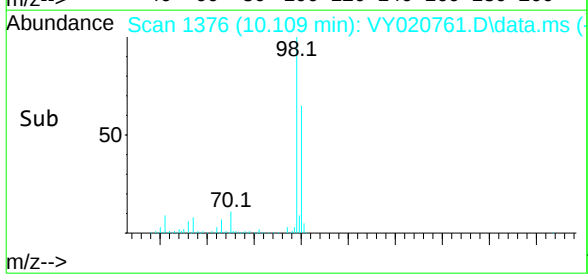
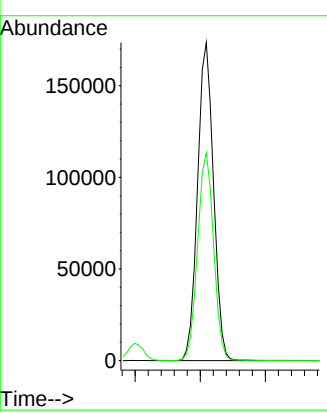
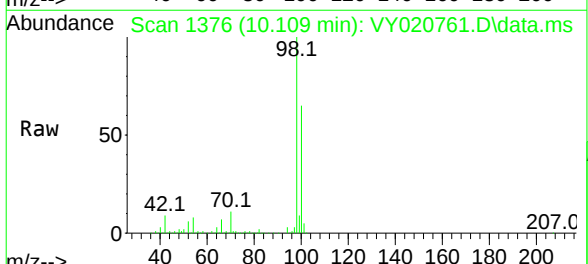


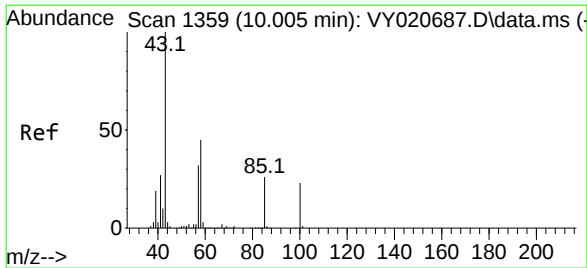
Tgt Ion:	88	Resp:	3576
Ion	Ratio	Lower	Upper
88	100		
43	33.6	22.1	33.1#
58	66.6	46.7	70.1



#50
 Toluene-d8
 Concen: 54.861 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. -0.006 min
 Lab File: VY020761.D
 Acq: 31 Dec 2024 11:23

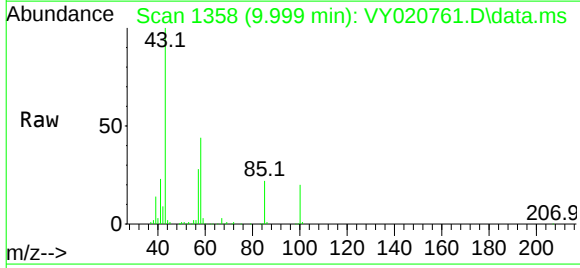
Tgt Ion:	98	Resp:	295171
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.4



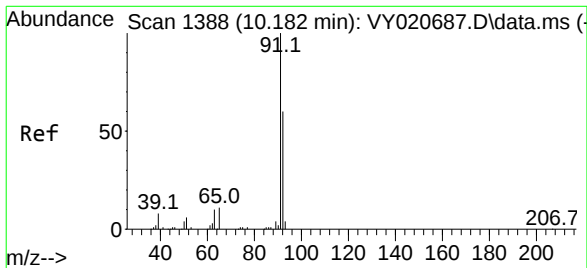
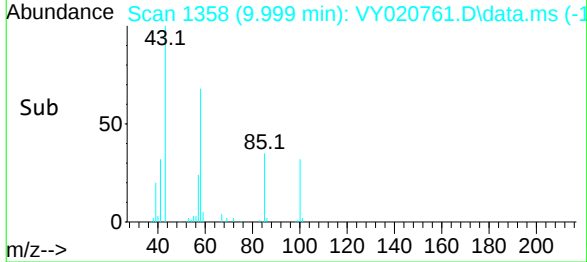
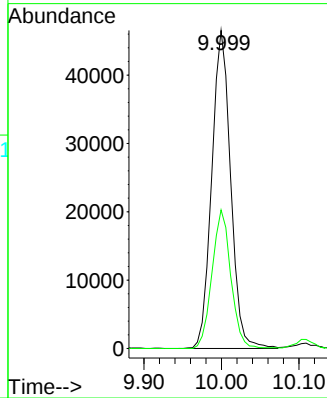


#51
4-Methyl-2-Pentanone
Concen: 130.956 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

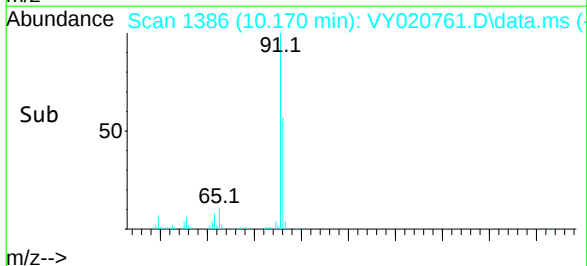
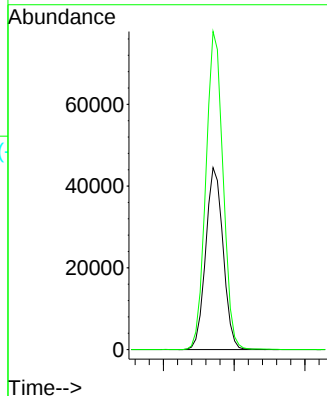
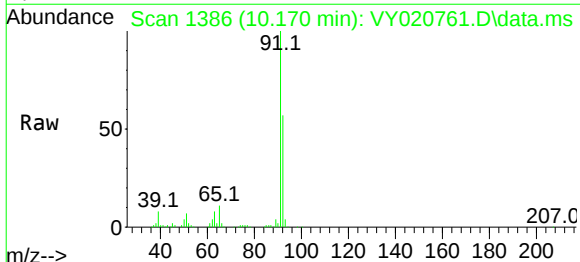


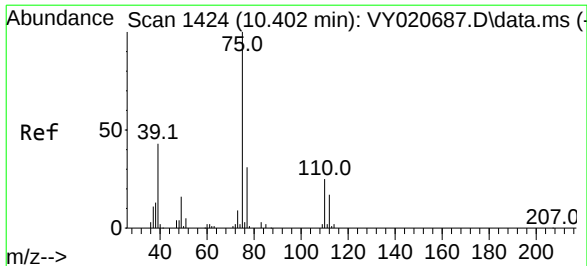
Tgt Ion: 43 Resp: 78875
Ion Ratio Lower Upper
43 100
58 43.4 35.1 52.7



#52
Toluene
Concen: 21.506 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.012 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 92 Resp: 76108
Ion Ratio Lower Upper
92 100
91 172.5 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 21.057 ug/l

RT: 10.396 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

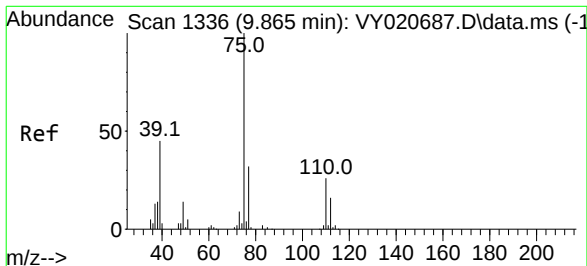
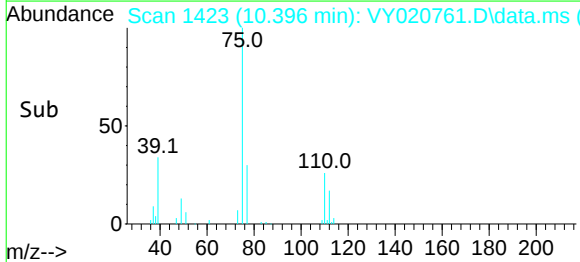
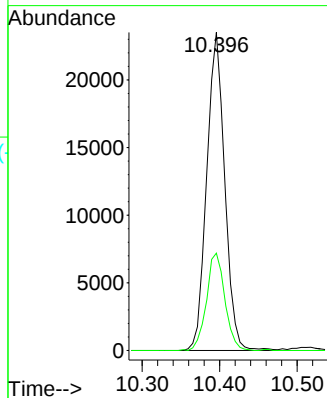
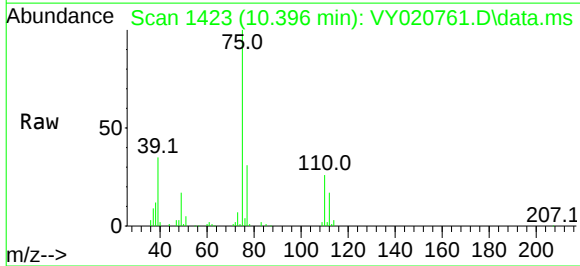
VY1231SBS01

Tgt Ion: 75 Resp: 37919

Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 21.943 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

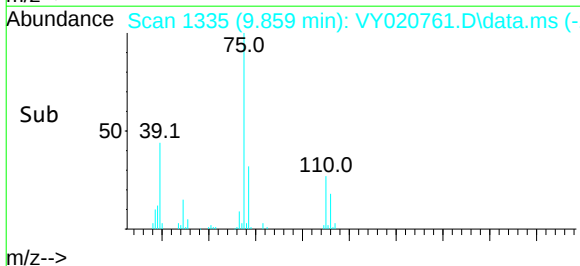
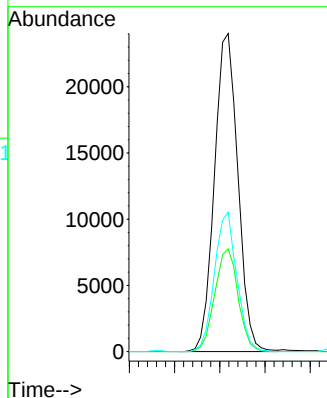
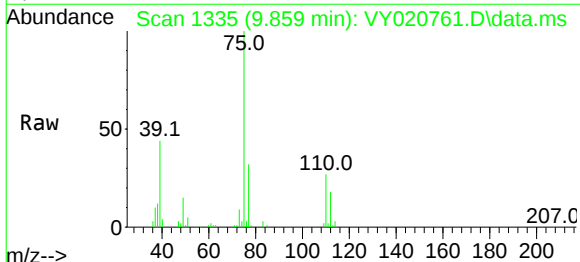
Tgt Ion: 75 Resp: 43311

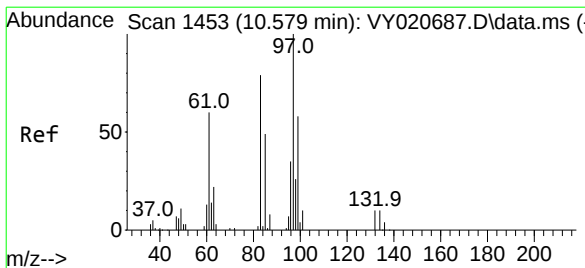
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 43.8 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 23.622 ug/l

RT: 10.573 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

Tgt Ion: 97 Resp: 21806

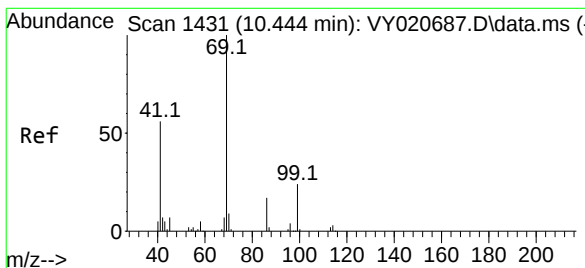
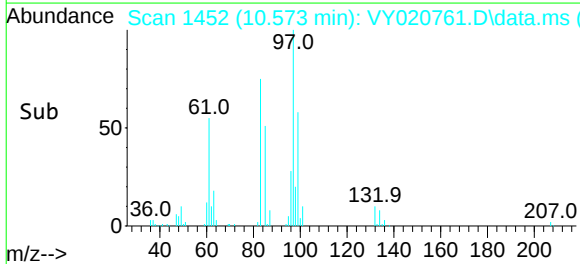
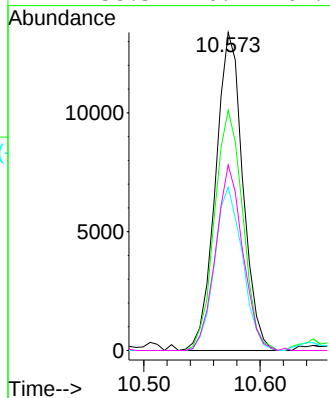
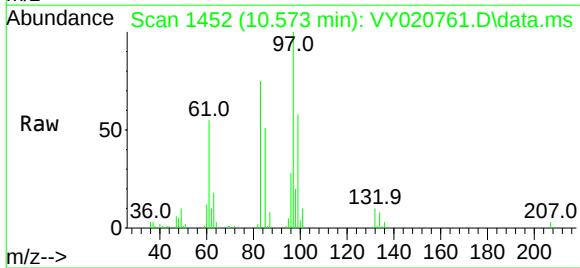
Ion Ratio Lower Upper

97 100

83 75.5 63.1 94.7

85 51.4 39.5 59.3

99 58.3 46.4 69.6



#56

Ethyl methacrylate

Concen: 22.319 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

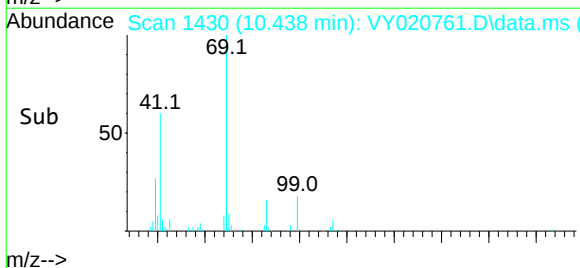
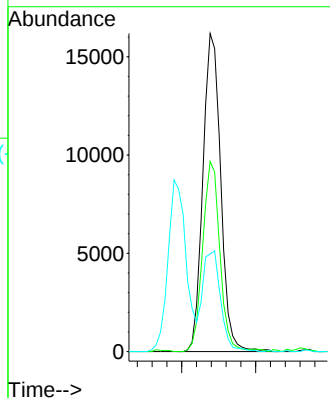
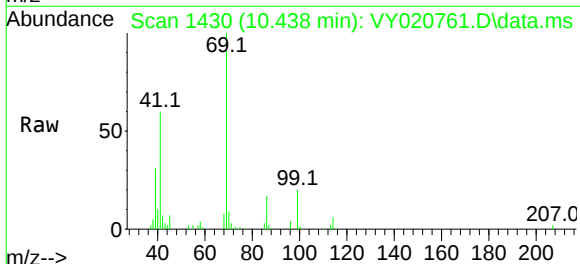
Tgt Ion: 69 Resp: 27067

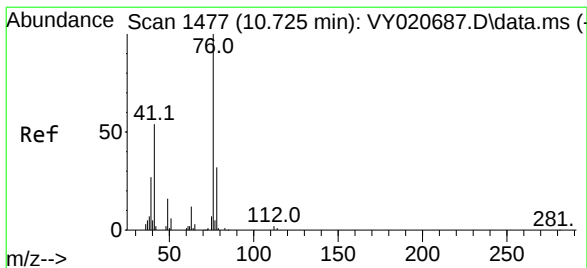
Ion Ratio Lower Upper

69 100

41 58.0 43.8 65.6

39 32.0 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 22.960 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

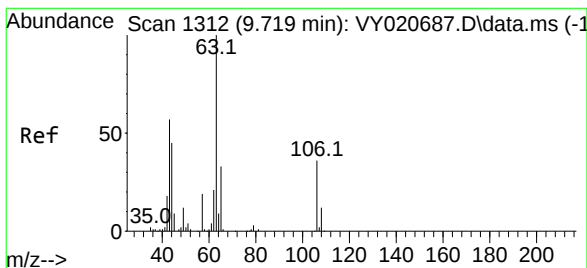
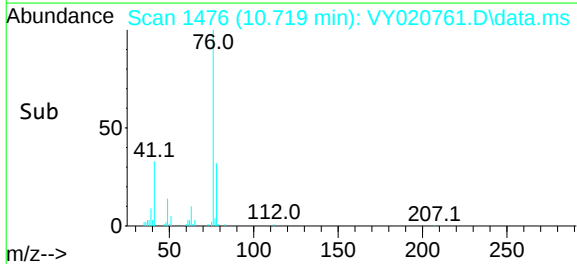
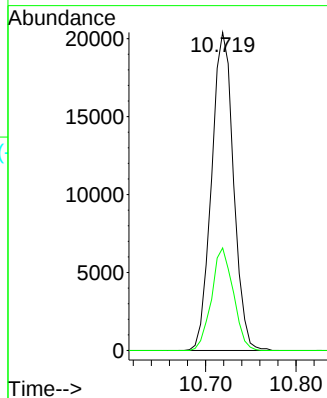
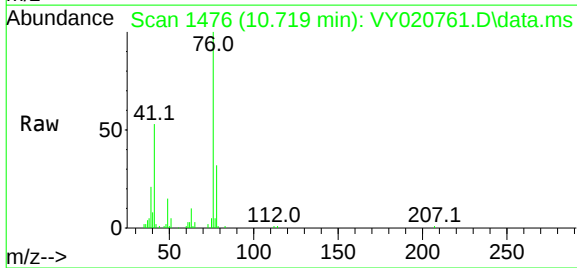
VY1231SBS01

Tgt Ion: 76 Resp: 34400

Ion Ratio Lower Upper

76 100

78 31.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 131.209 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020761.D

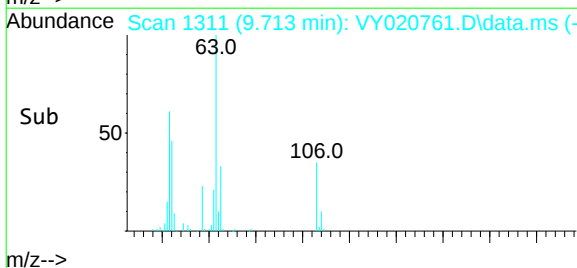
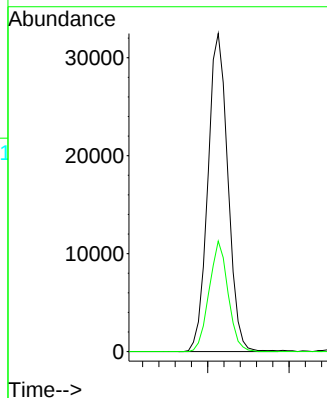
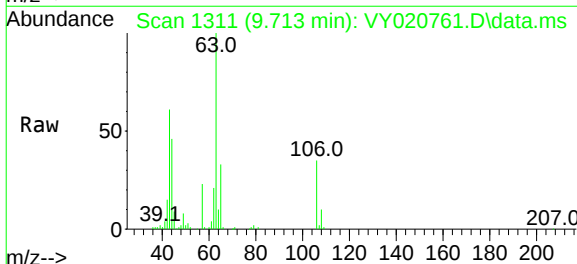
Acq: 31 Dec 2024 11:23

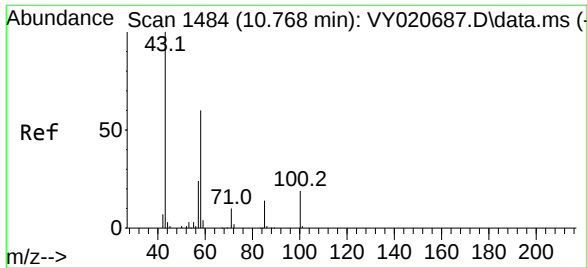
Tgt Ion: 63 Resp: 55487

Ion Ratio Lower Upper

63 100

106 32.8 29.1 43.7





#59

2-Hexanone

Concen: 129.929 ug/l

RT: 10.762 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

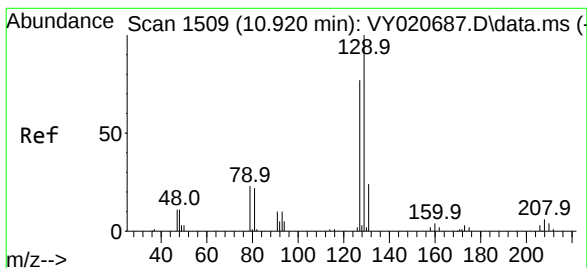
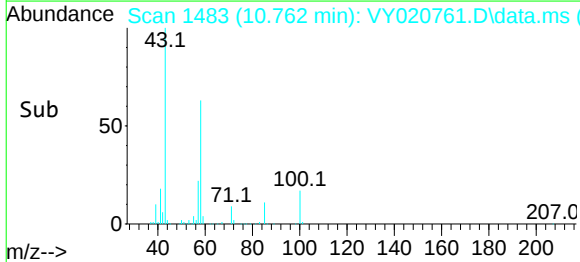
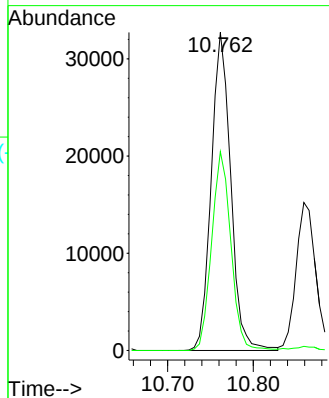
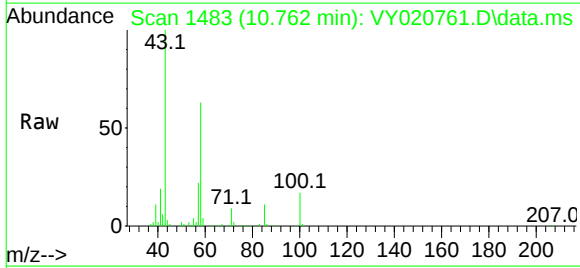
VY1231SBS01

Tgt Ion: 43 Resp: 51669

Ion Ratio Lower Upper

43 100

58 61.7 30.1 90.5



#60

Dibromochloromethane

Concen: 20.472 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VY020761.D

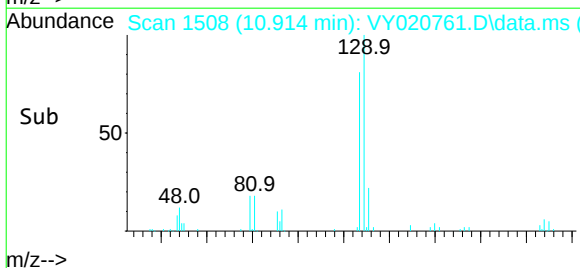
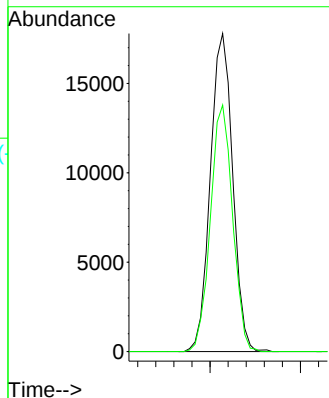
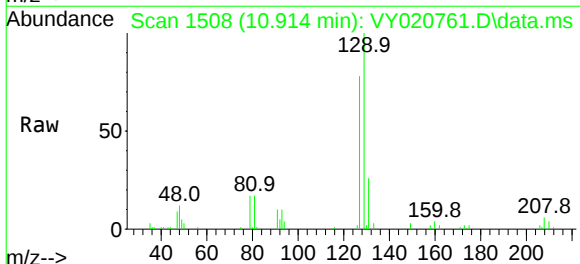
Acq: 31 Dec 2024 11:23

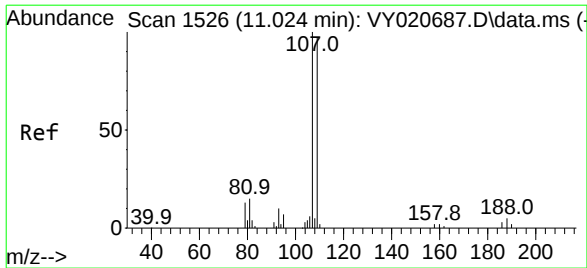
Tgt Ion: 129 Resp: 30536

Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.5

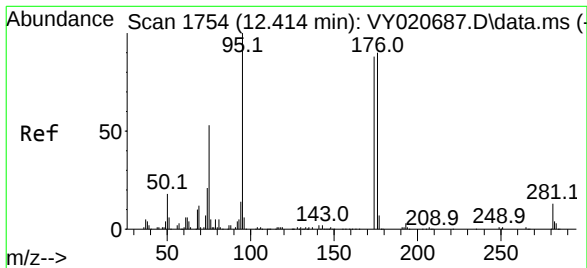
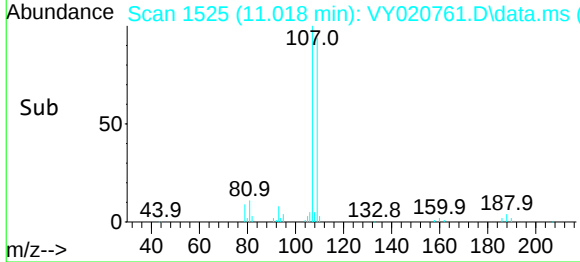
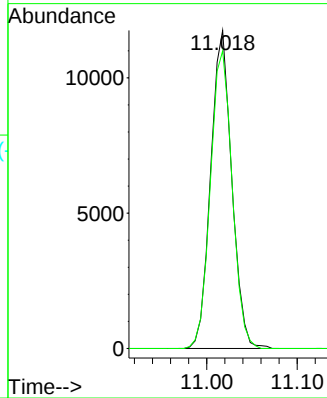
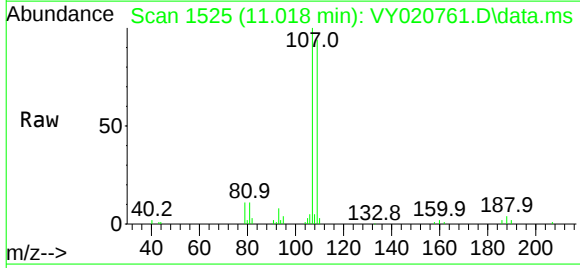




#61
1,2-Dibromoethane
Concen: 21.896 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

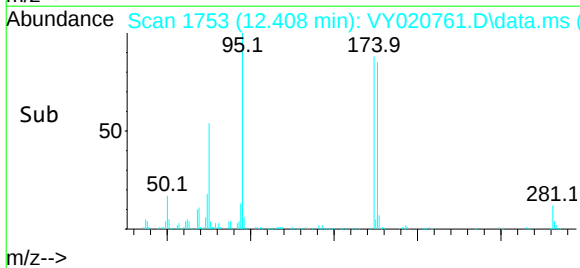
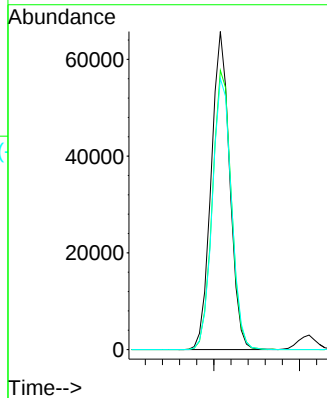
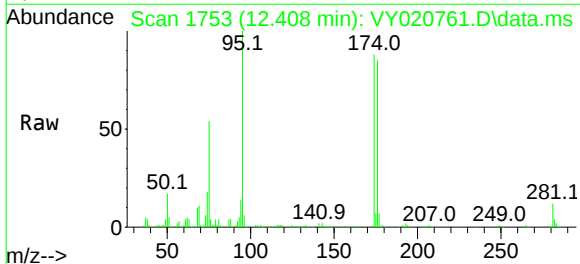
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

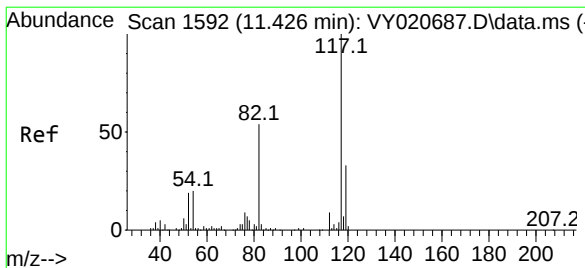
Tgt Ion:107 Resp: 19019
Ion Ratio Lower Upper
107 100
109 96.7 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 55.198 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 95 Resp: 98938
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.2
176 87.8 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

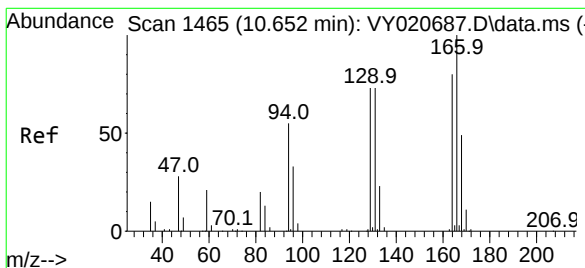
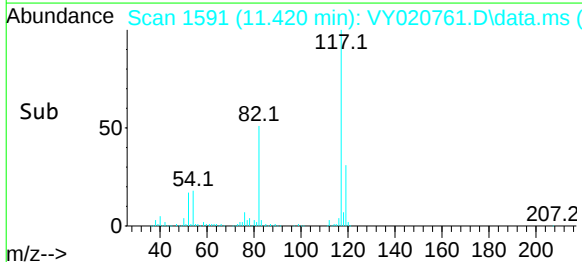
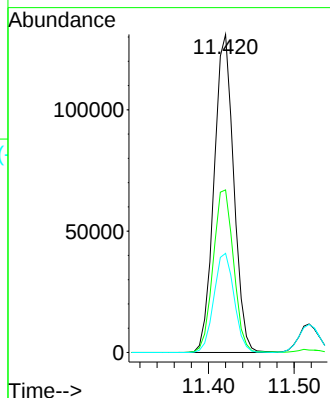
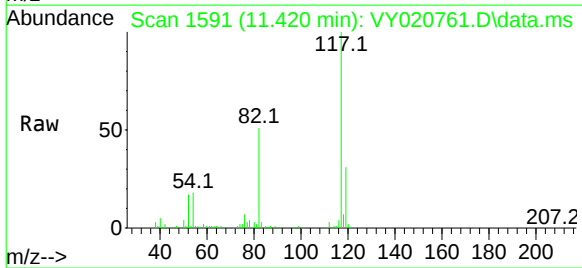
Tgt Ion:117 Resp: 209120

Ion Ratio Lower Upper

117 100

82 51.1 43.4 65.2

119 31.2 26.6 39.8



#64

Tetrachloroethene

Concen: 20.372 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Tgt Ion:164 Resp: 29106

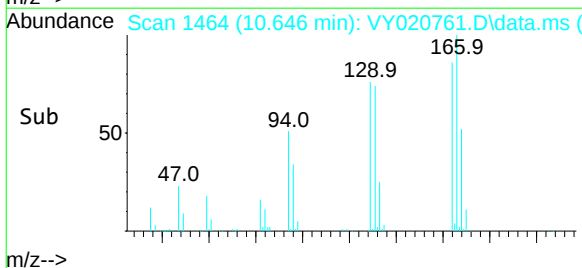
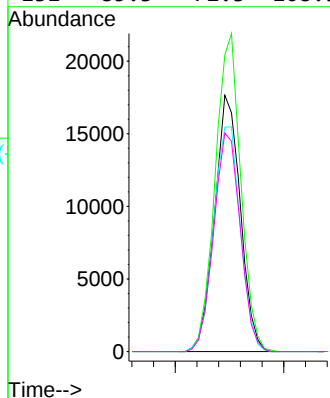
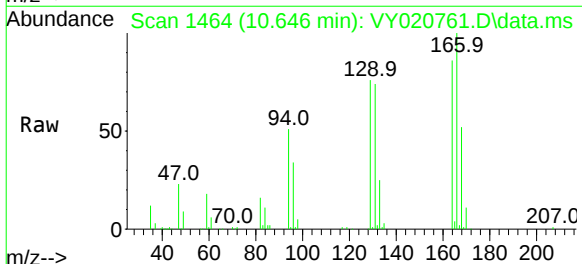
Ion Ratio Lower Upper

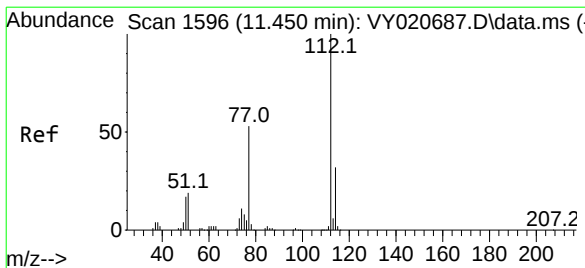
164 100

166 115.8 99.6 149.4

129 87.6 73.0 109.4

131 85.3 72.3 108.5





#65

Chlorobenzene

Concen: 21.016 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

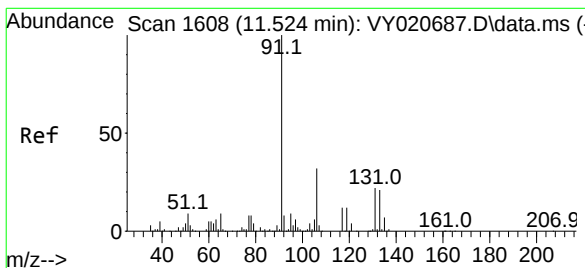
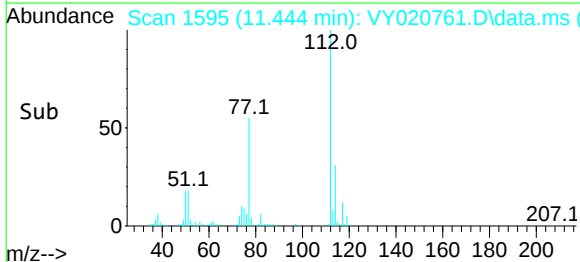
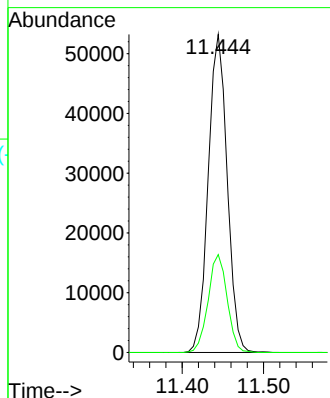
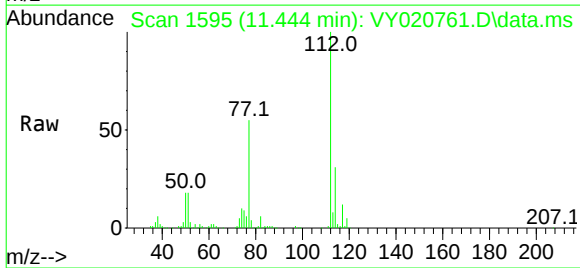
VY1231SBS01

Tgt Ion:112 Resp: 86055

Ion Ratio Lower Upper

112 100

114 30.8 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.972 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

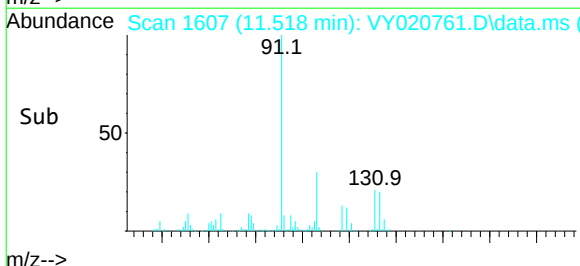
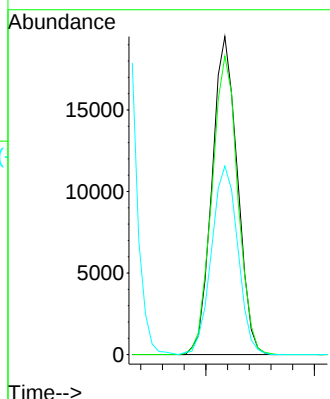
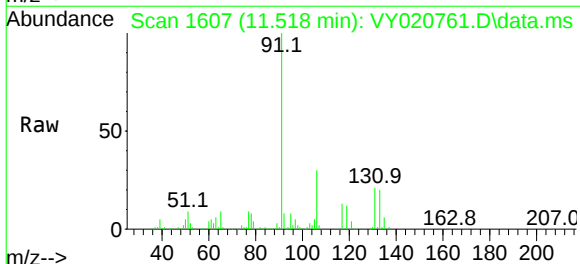
Tgt Ion:131 Resp: 31684

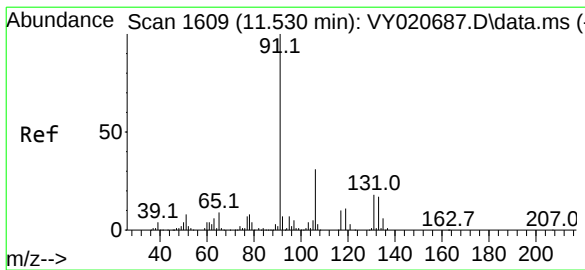
Ion Ratio Lower Upper

131 100

133 95.8 48.6 145.9

119 61.5 28.4 85.3





#67

Ethyl Benzene

Concen: 21.200 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

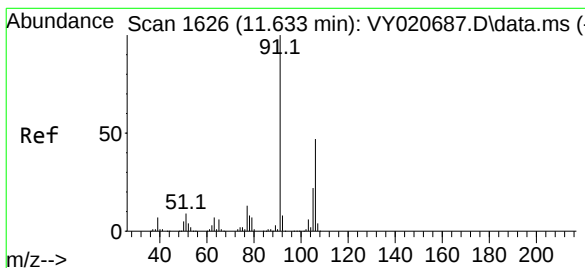
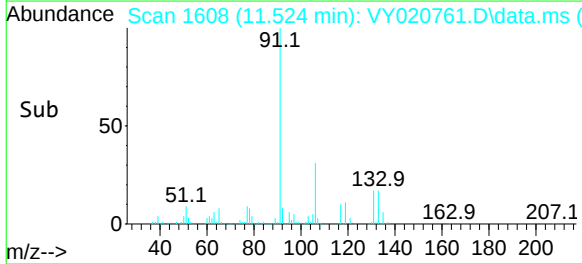
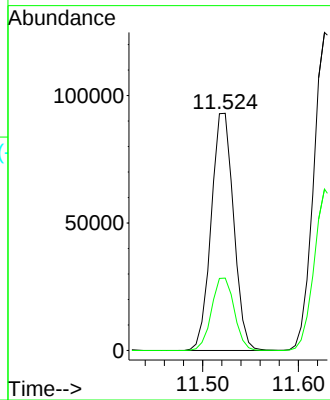
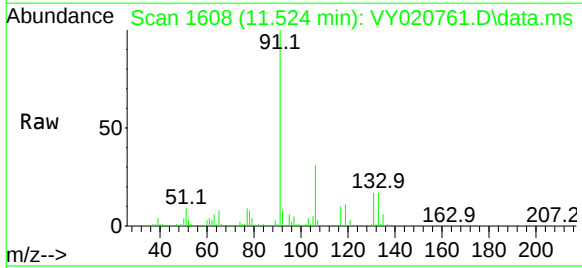
VY1231SBS01

Tgt Ion: 91 Resp: 151718

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 42.463 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020761.D

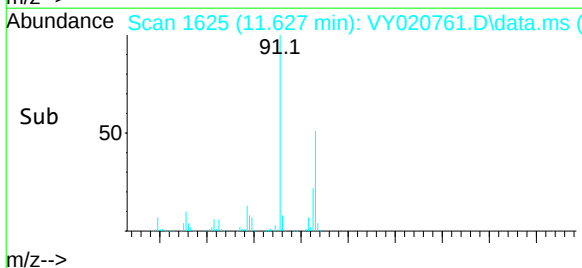
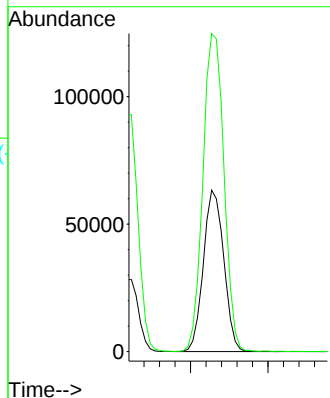
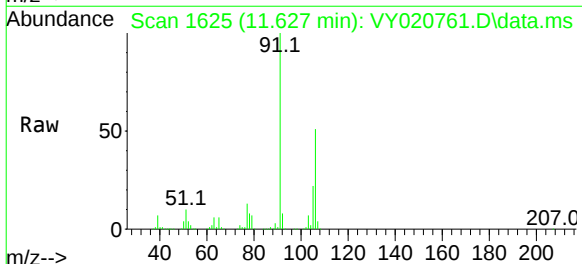
Acq: 31 Dec 2024 11:23

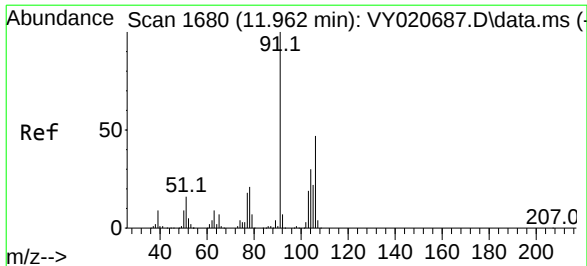
Tgt Ion:106 Resp: 115924

Ion Ratio Lower Upper

106 100

91 202.7 166.6 250.0





#69

o-Xylene

Concen: 20.727 ug/l

RT: 11.956 min Scan# 16

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

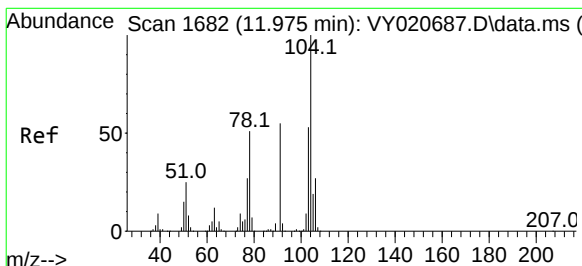
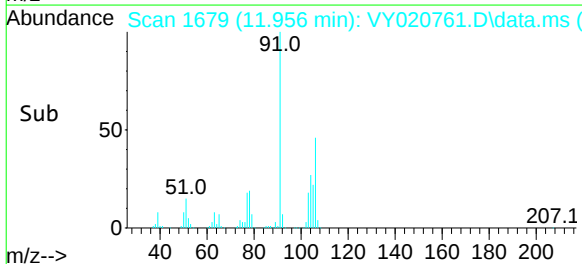
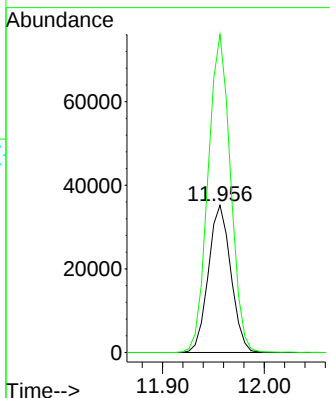
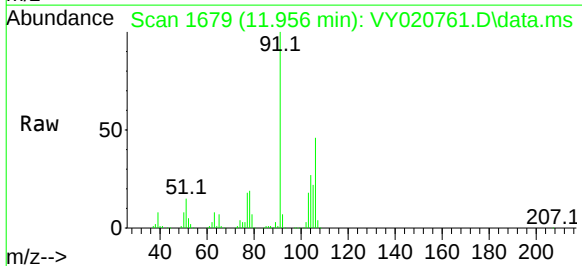
VY1231SBS01

Tgt Ion:106 Resp: 54063

Ion Ratio Lower Upper

106 100

91 216.2 108.6 325.8



#70

Styrene

Concen: 21.115 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

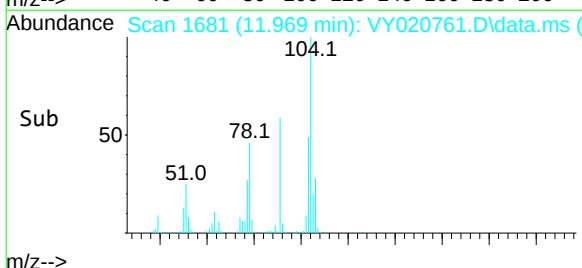
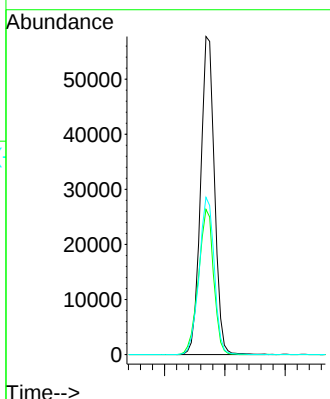
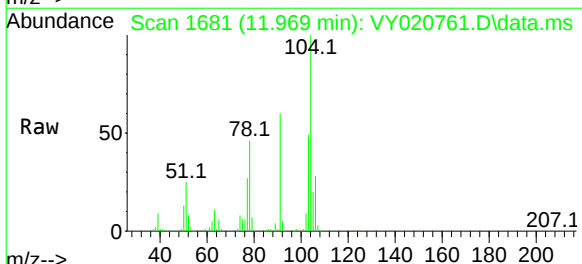
Tgt Ion:104 Resp: 92453

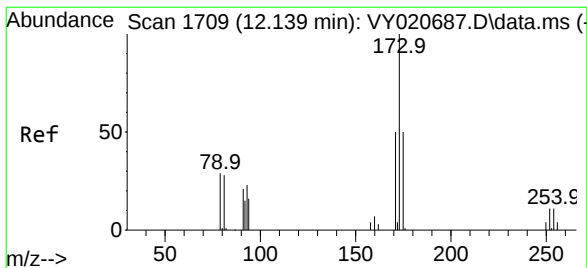
Ion Ratio Lower Upper

104 100

78 49.9 43.0 64.4

103 53.9 44.4 66.6





#71

Bromoform

Concen: 20.495 ug/l

RT: 12.133 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

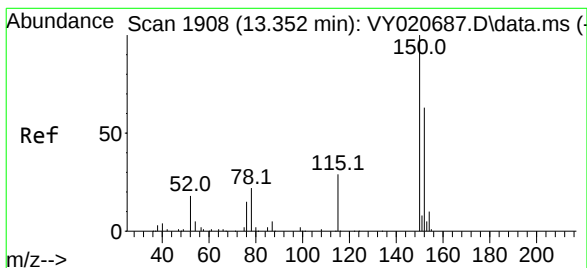
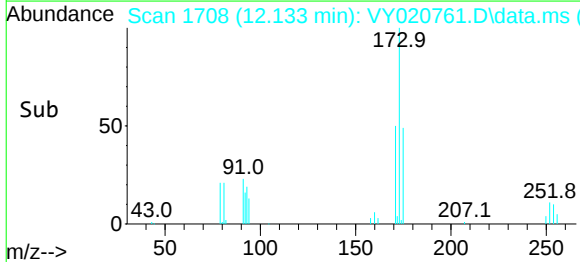
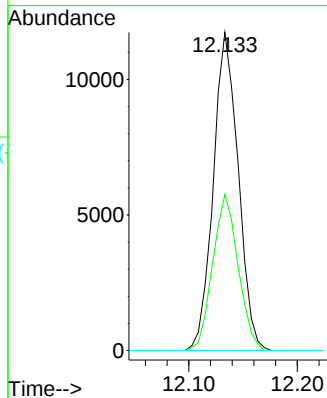
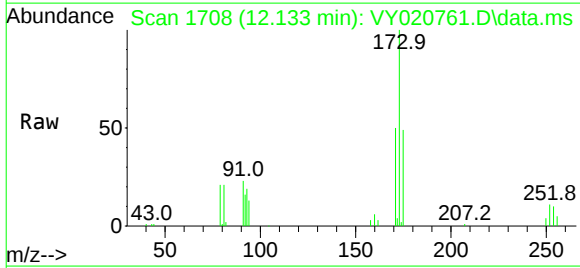
Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

Tgt Ion:	173	Resp:	18692
Ion Ratio	Lower	Upper	
173	100		
175	50.0	24.2	72.6
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

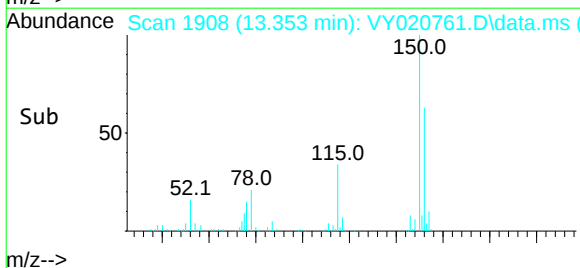
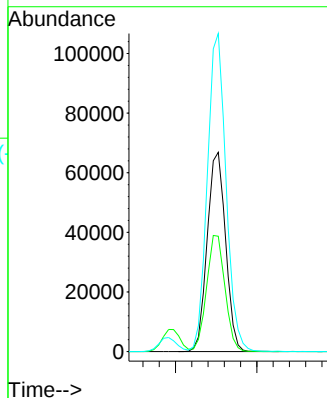
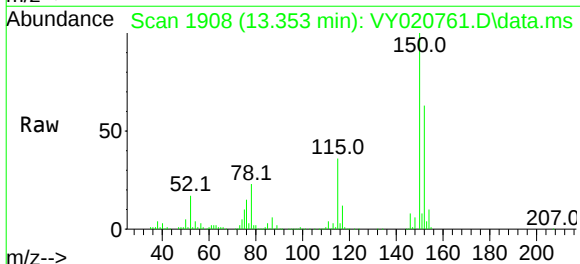
RT: 13.353 min Scan# 1908

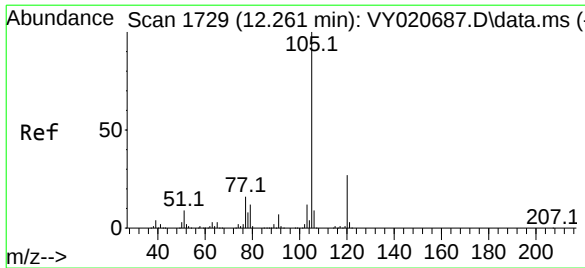
Delta R.T. 0.001 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Tgt Ion:	152	Resp:	104927
Ion Ratio	Lower	Upper	
152	100		
115	58.4	30.3	90.9
150	162.5	0.0	349.0





#73

Isopropylbenzene

Concen: 20.792 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

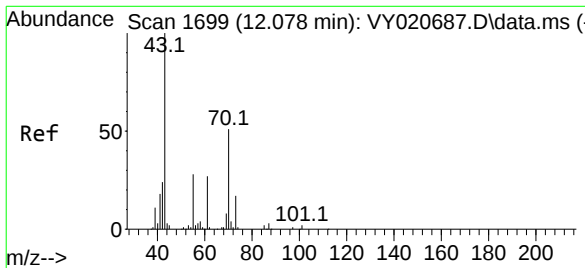
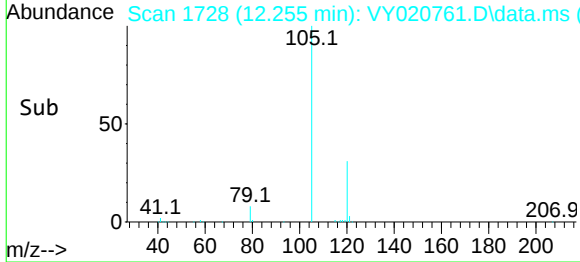
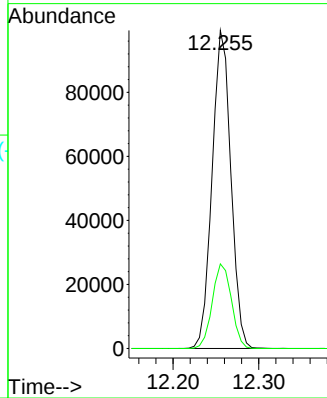
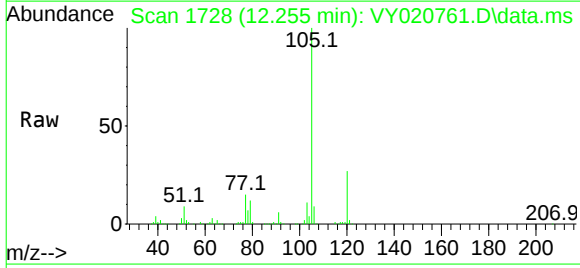
VY1231SBS01

Tgt Ion:105 Resp: 151148

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 24.664 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Tgt Ion: 43 Resp: 25479

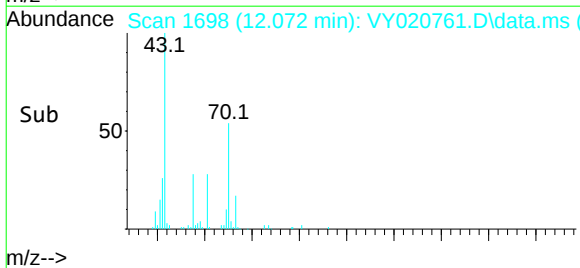
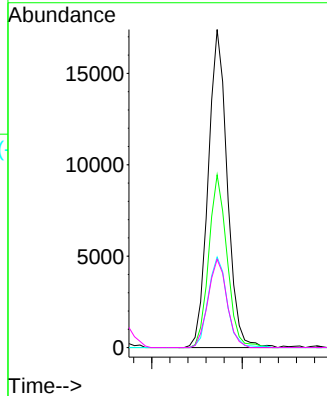
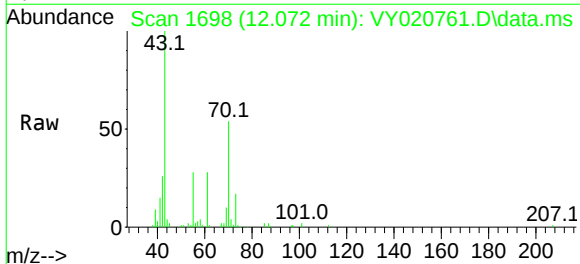
Ion Ratio Lower Upper

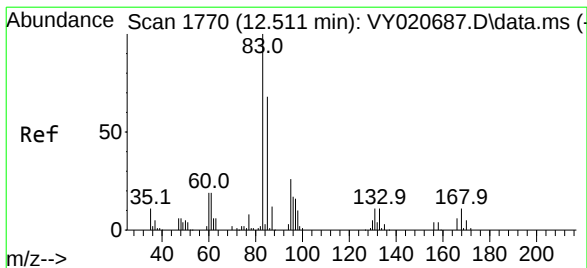
43 100

70 52.0 39.7 59.5

55 28.2 21.5 32.3

61 27.5 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 24.936 ug/l

RT: 12.505 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

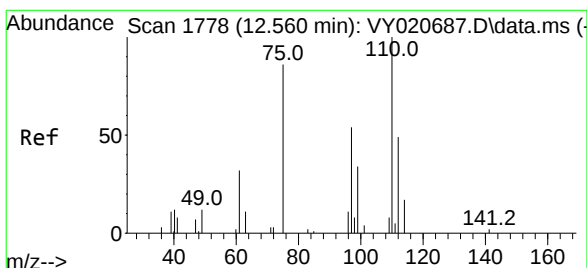
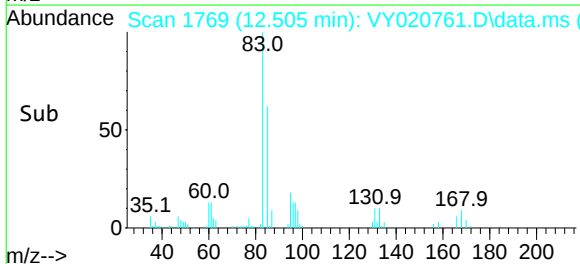
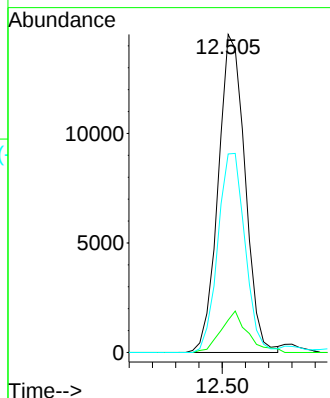
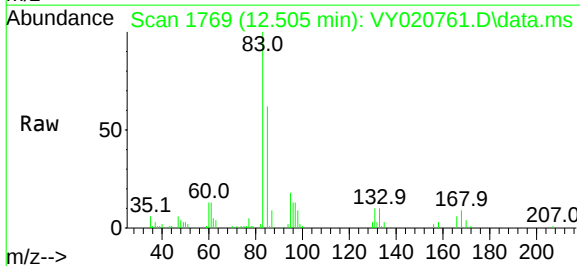
Tgt Ion: 83 Resp: 23238

Ion Ratio Lower Upper

83 100

131 12.9 6.9 20.7

85 63.5 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 28.445 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY020761.D

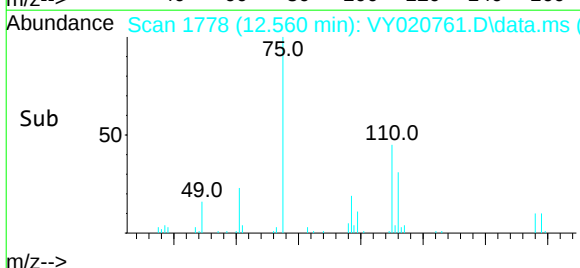
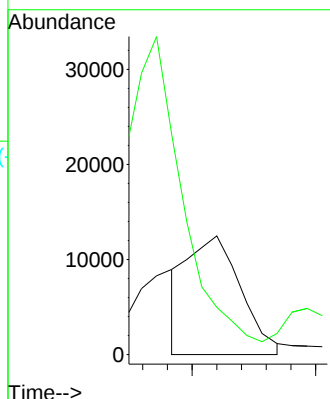
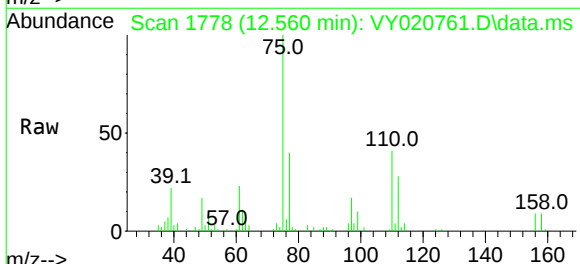
Acq: 31 Dec 2024 11:23

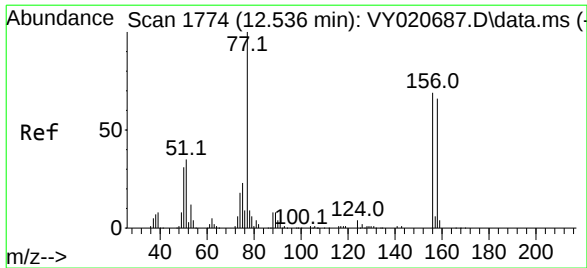
Tgt Ion: 75 Resp: 18983

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

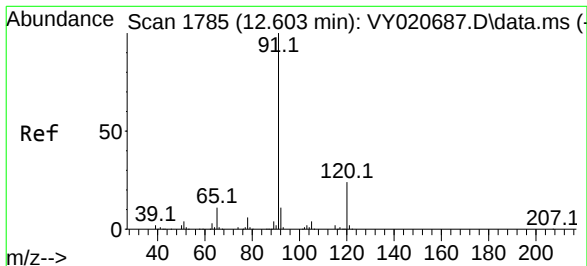
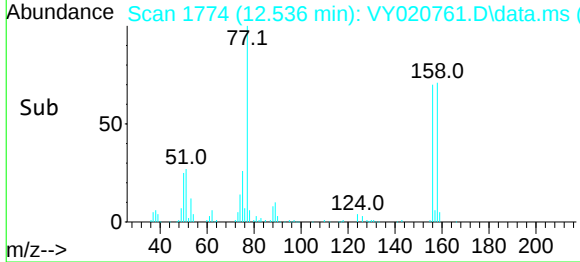
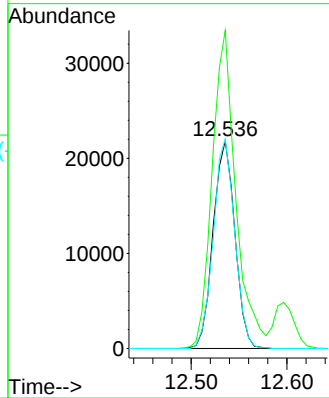
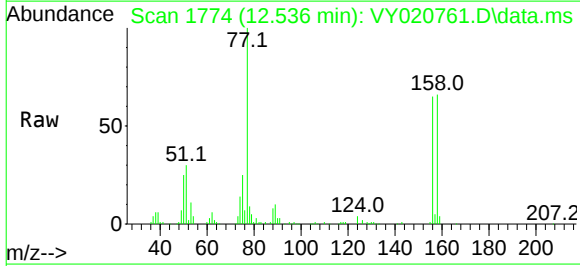




#77
Bromobenzene
Concen: 20.533 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

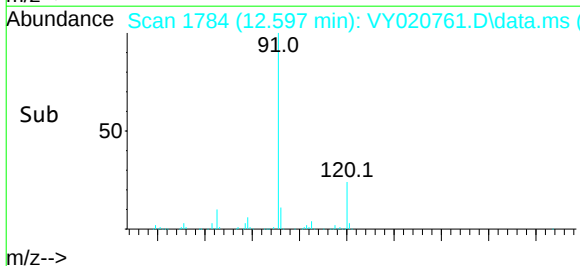
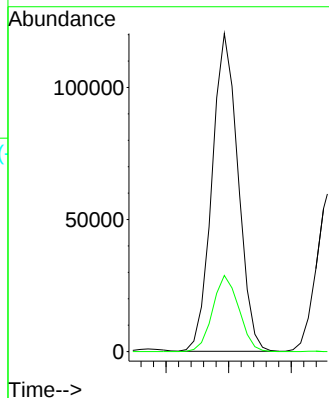
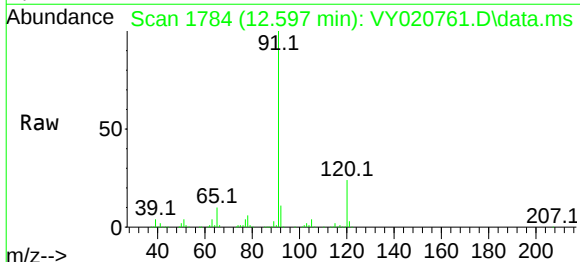
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

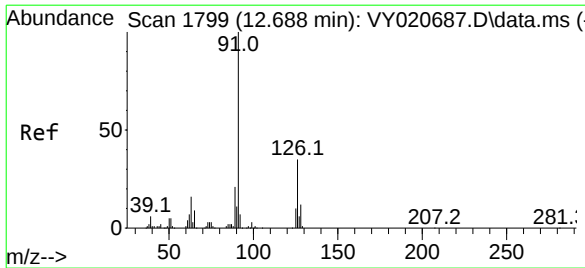
Tgt Ion: 156 Resp: 34361
Ion Ratio Lower Upper
156 100
77 166.7 78.3 235.0
158 99.6 48.3 144.9



#78
n-propylbenzene
Concen: 21.369 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 91 Resp: 174106
Ion Ratio Lower Upper
91 100
120 24.0 12.3 36.8





#79

2-Chlorotoluene

Concen: 21.528 ug/l

RT: 12.682 min Scan# 1799

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

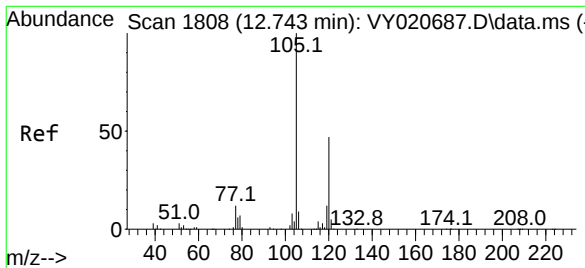
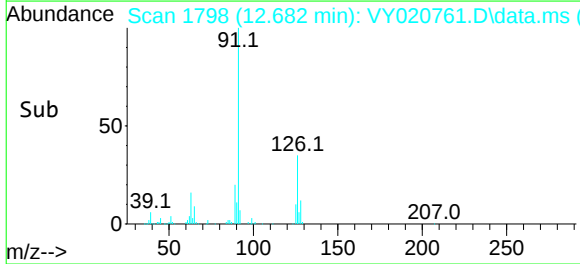
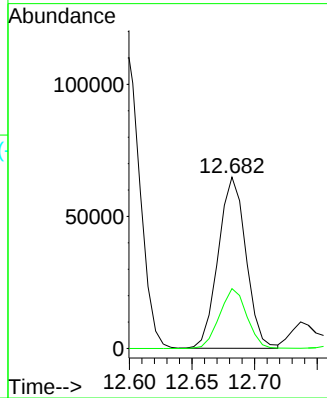
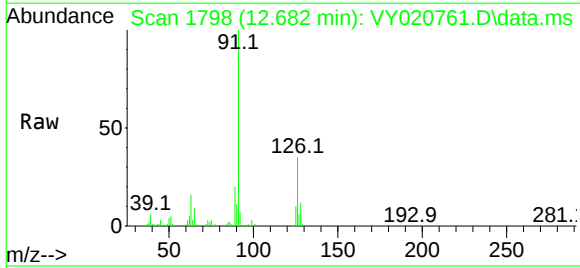
VY1231SBS01

Tgt Ion: 91 Resp: 99991

Ion Ratio Lower Upper

91 100

126 34.3 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 20.451 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020761.D

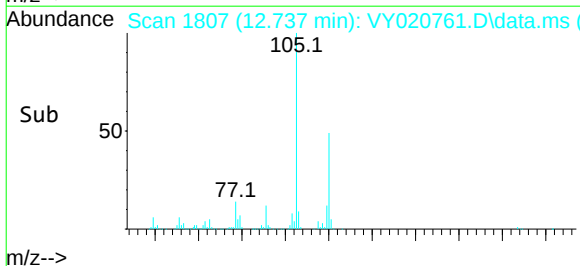
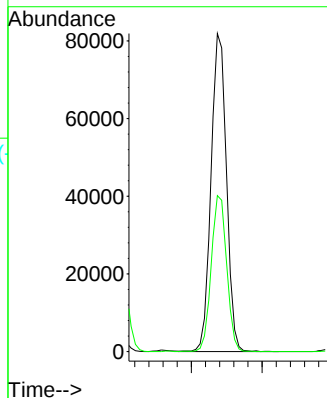
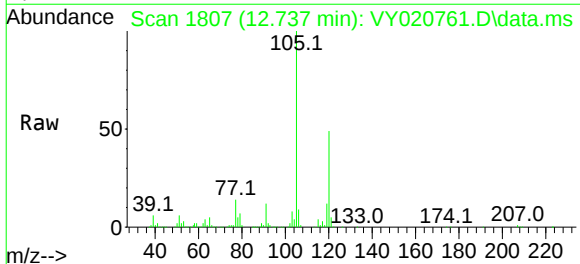
Acq: 31 Dec 2024 11:23

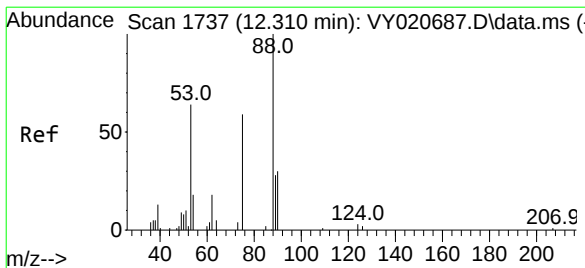
Tgt Ion: 105 Resp: 123866

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7

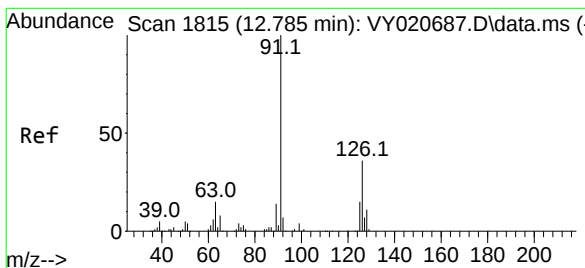
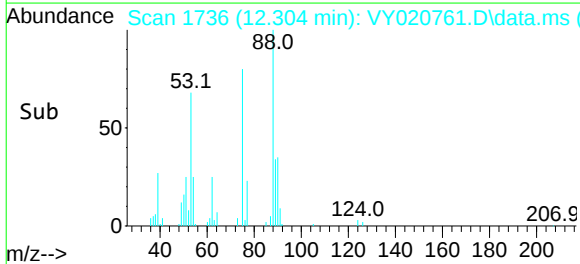
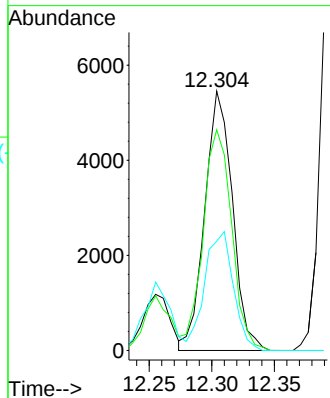
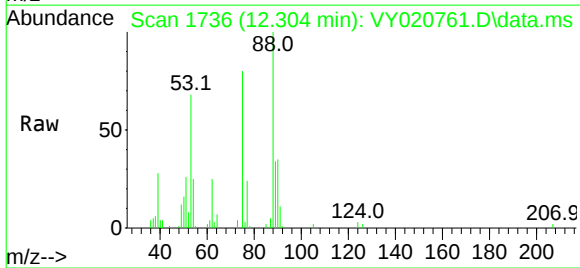




#81
trans-1,4-Dichloro-2-butene
Concen: 24.806 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

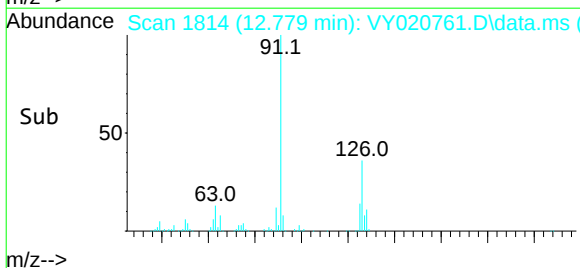
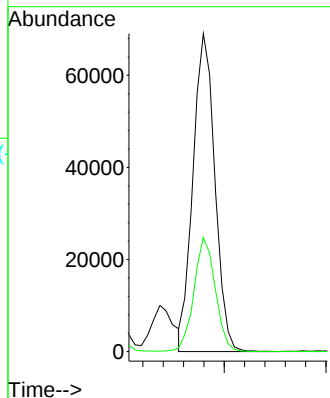
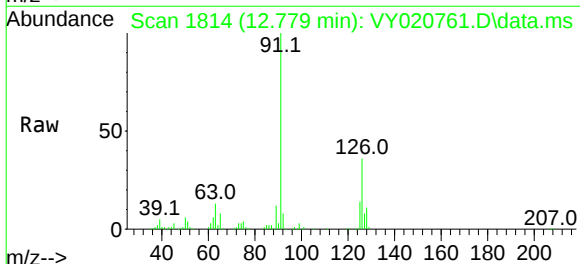
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBS01

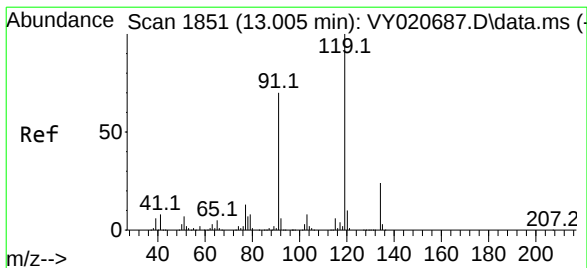
Tgt Ion:	75	Resp:	8375
Ion	Ratio	Lower	Upper
75	100		
53	88.3	83.1	124.7
89	47.4	40.6	61.0



#82
4-Chlorotoluene
Concen: 21.454 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020761.D
Acq: 31 Dec 2024 11:23

Tgt Ion:	91	Resp:	102986
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.8	53.5





#83

tert-Butylbenzene

Concen: 20.148 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

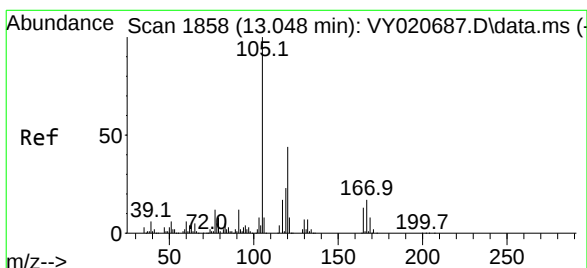
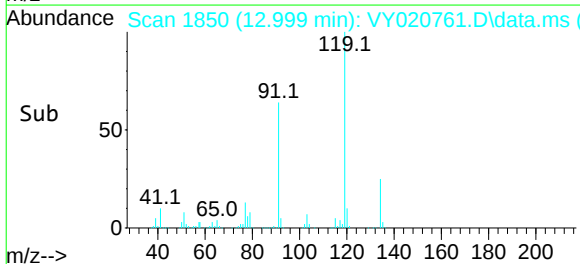
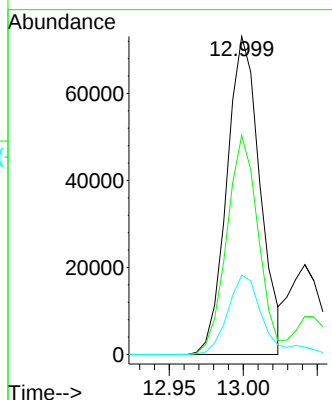
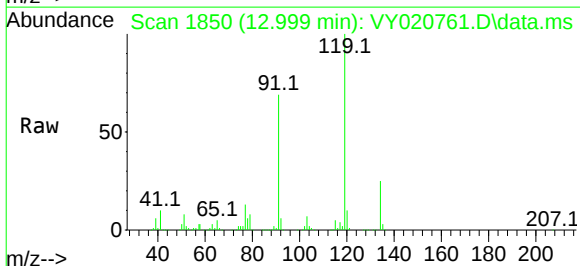
Tgt Ion:119 Resp: 113963

Ion Ratio Lower Upper

119 100

91 66.2 33.6 100.8

134 26.7 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 20.812 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020761.D

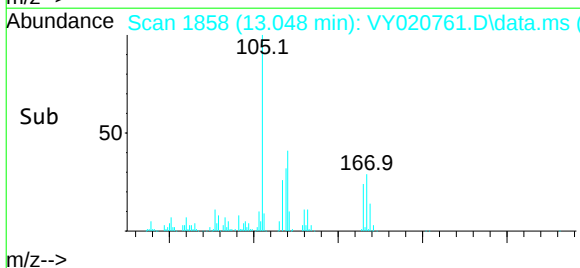
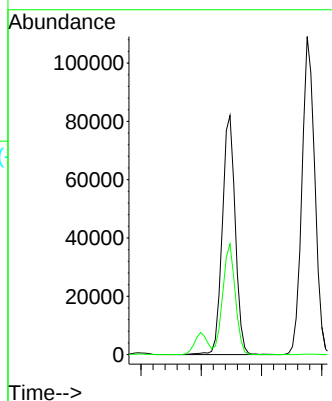
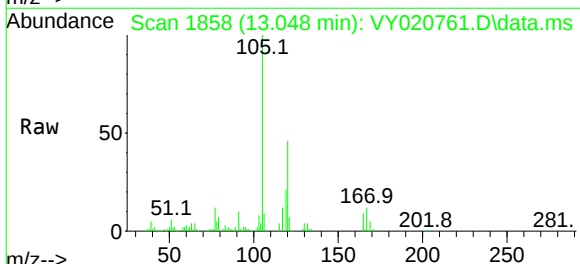
Acq: 31 Dec 2024 11:23

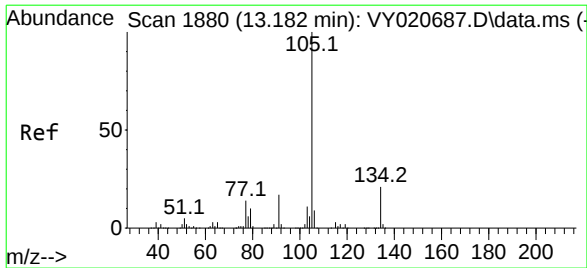
Tgt Ion:105 Resp: 122662

Ion Ratio Lower Upper

105 100

120 44.6 21.8 65.3





#85

sec-Butylbenzene

Concen: 21.113 ug/l

RT: 13.176 min Scan# 18

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

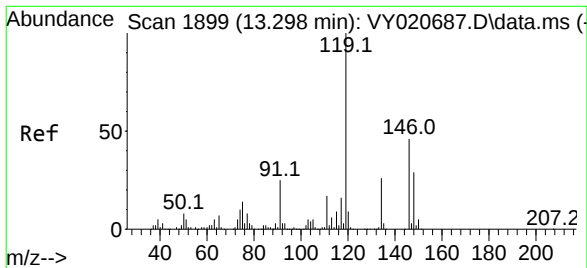
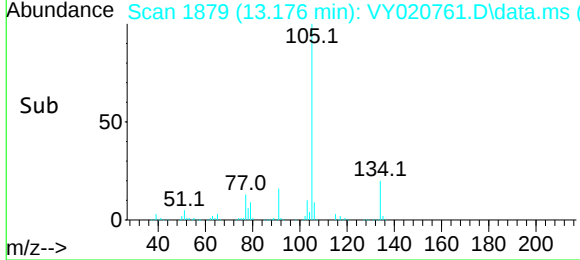
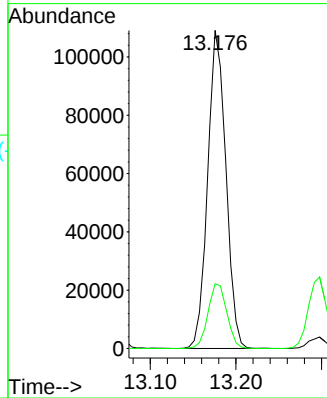
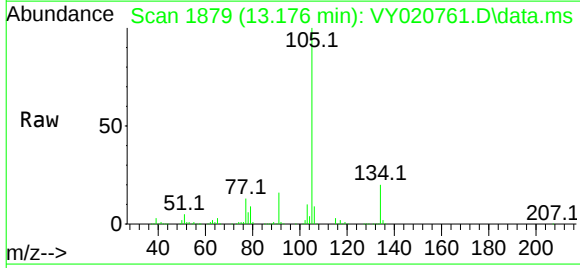
VY1231SBS01

Tgt Ion:105 Resp: 160942

Ion Ratio Lower Upper

105 100

134 21.0 10.7 32.1



#86

p-Isopropyltoluene

Concen: 20.459 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

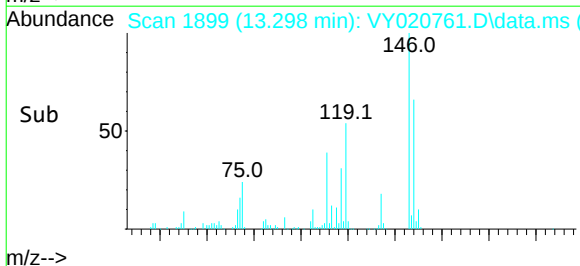
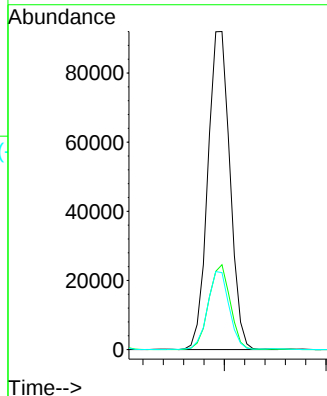
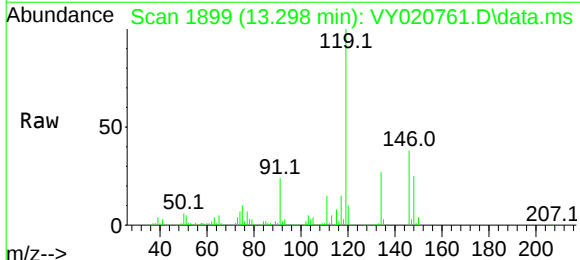
Tgt Ion:119 Resp: 138986

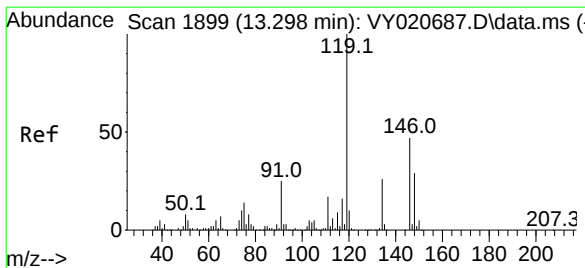
Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

91 24.1 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 20.734 ug/l

RT: 13.292 min Scan# 18

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

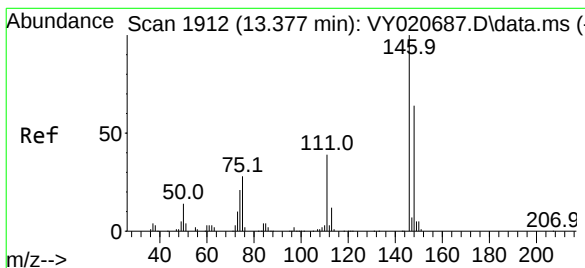
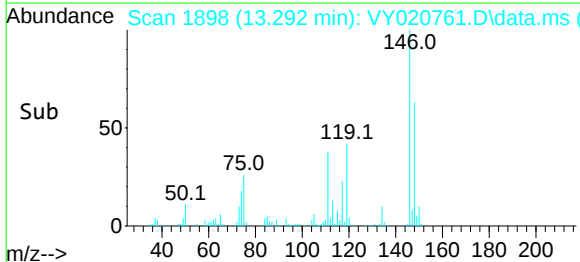
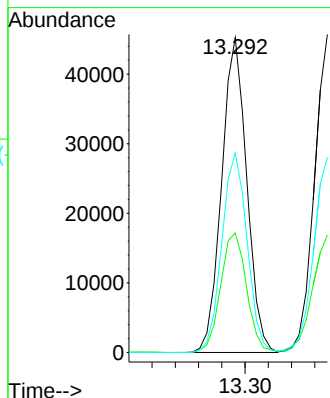
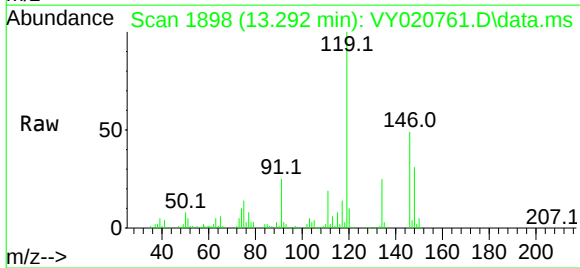
Tgt Ion:146 Resp: 67813

Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.8

148 63.9 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 20.818 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

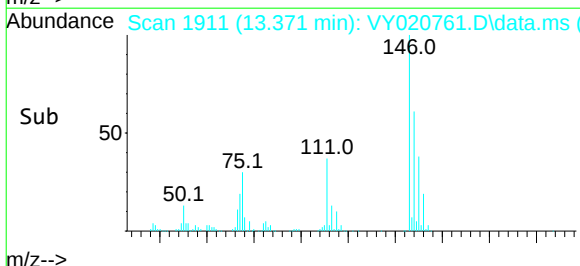
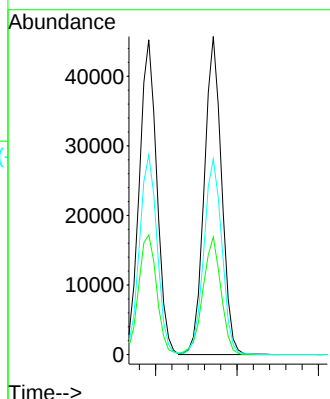
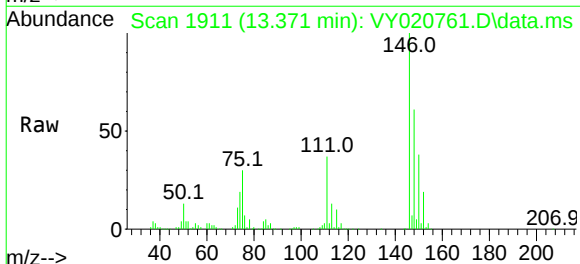
Tgt Ion:146 Resp: 67731

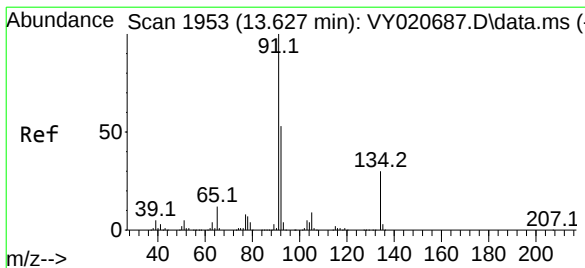
Ion Ratio Lower Upper

146 100

111 38.6 19.7 59.0

148 64.0 32.8 98.3





#89

n-Butylbenzene

Concen: 21.384 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

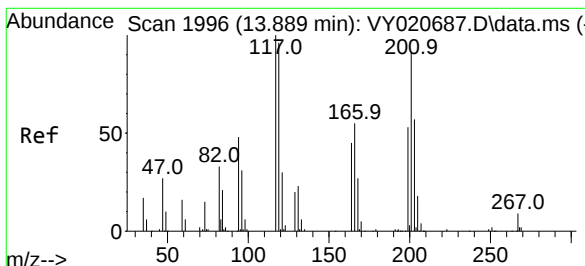
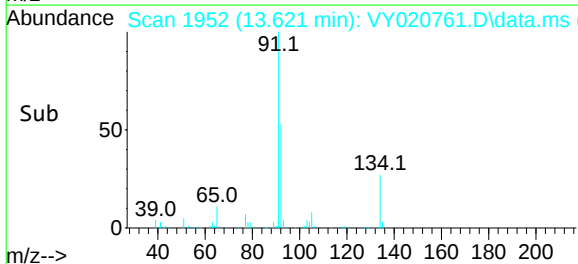
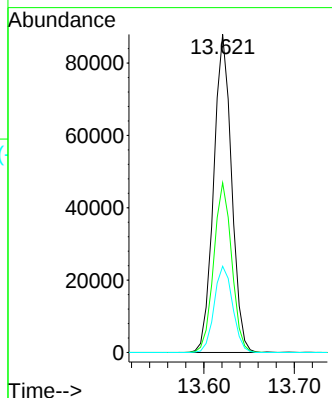
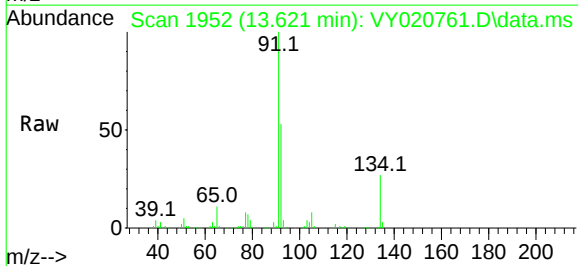
Tgt Ion: 91 Resp: 121265

Ion Ratio Lower Upper

91 100

92 53.4 26.1 78.2

134 27.8 14.8 44.4



#90

Hexachloroethane

Concen: 20.580 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020761.D

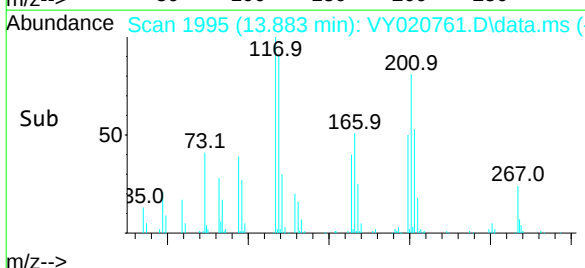
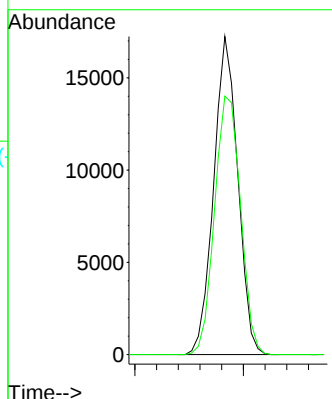
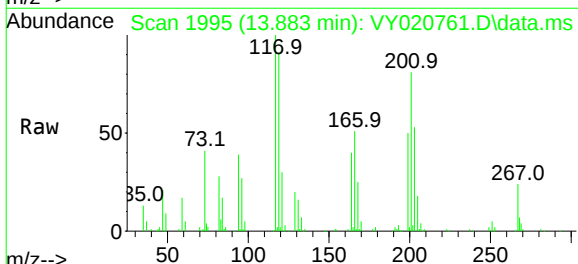
Acq: 31 Dec 2024 11:23

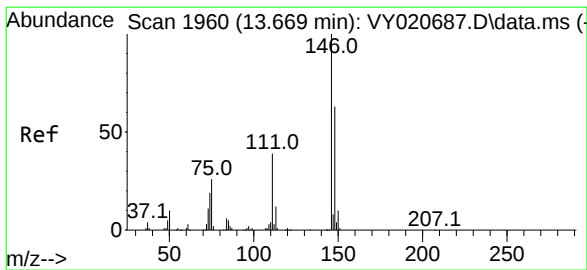
Tgt Ion: 117 Resp: 26585

Ion Ratio Lower Upper

117 100

201 87.6 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 21.294 ug/l

RT: 13.663 min Scan# 19

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

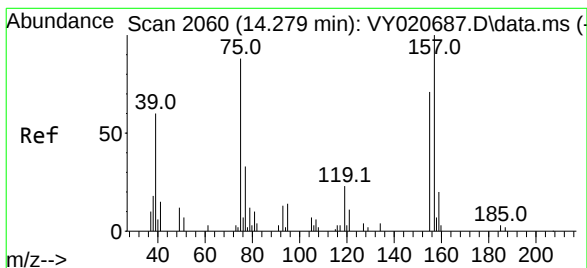
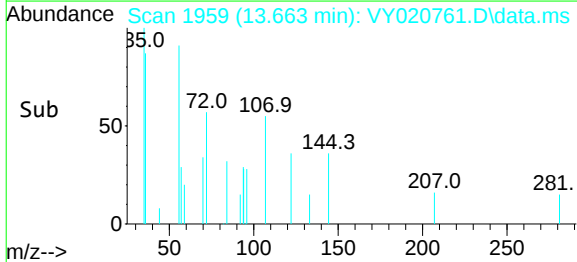
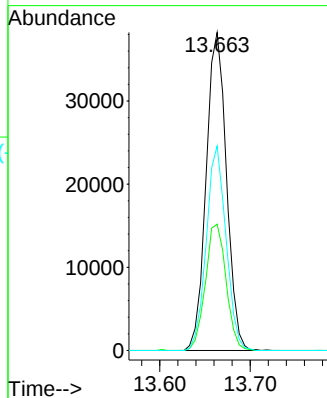
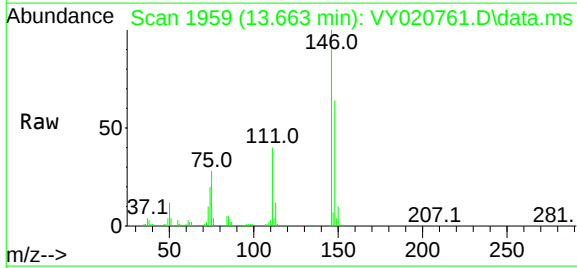
Tgt Ion:146 Resp: 59716

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

148 62.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.028 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

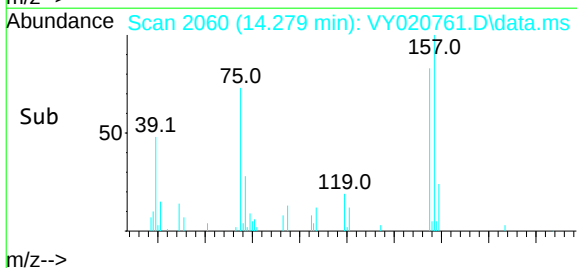
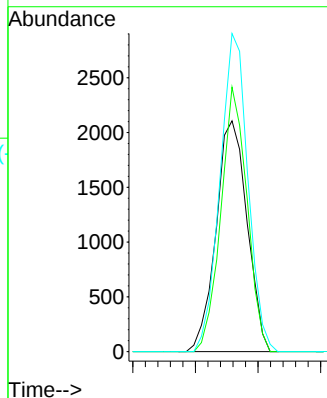
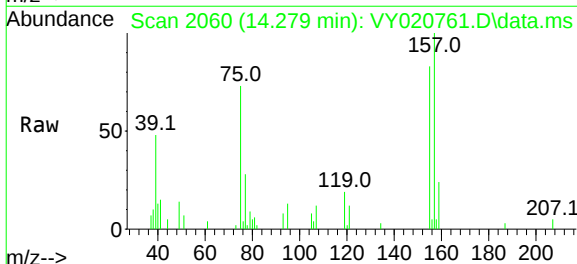
Tgt Ion: 75 Resp: 3620

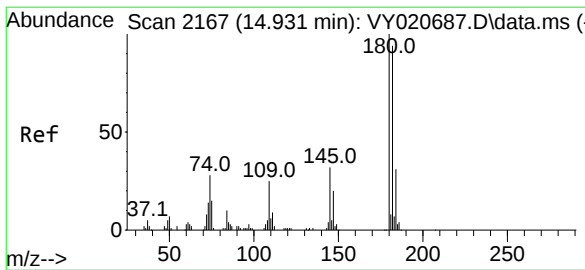
Ion Ratio Lower Upper

75 100

155 96.5 43.4 130.2

157 124.1 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 19.482 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

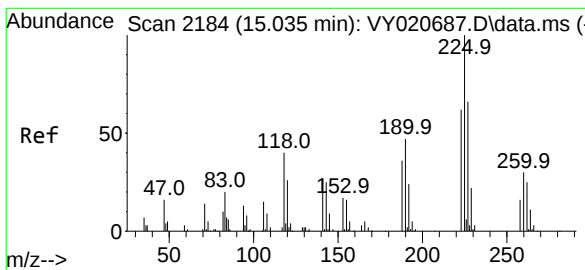
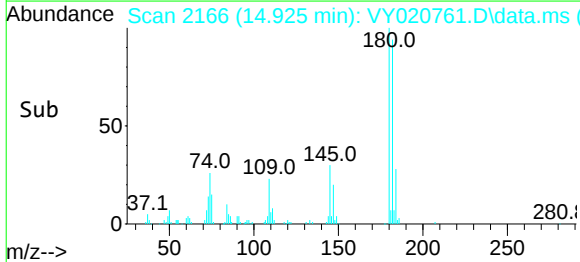
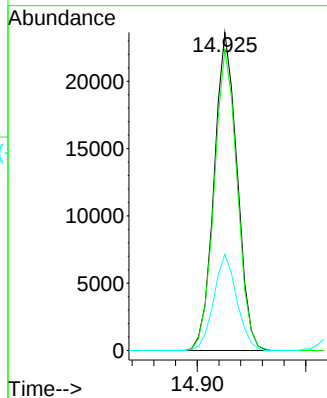
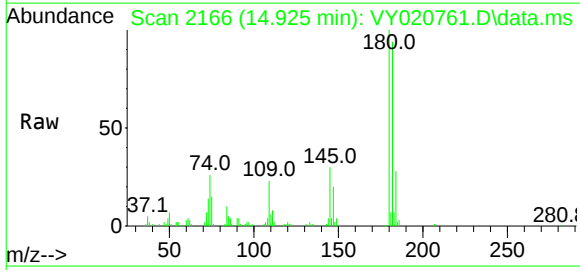
Tgt Ion:180 Resp: 34726

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 30.4 15.6 46.8



#94

Hexachlorobutadiene

Concen: 19.285 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

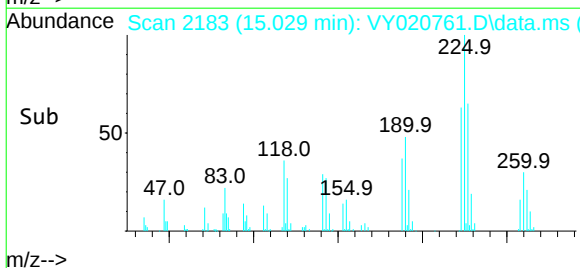
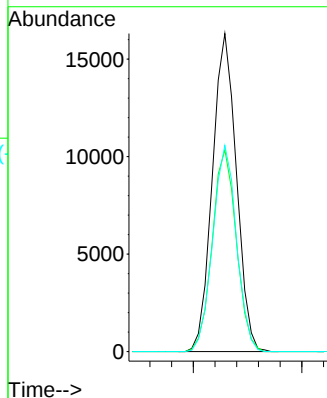
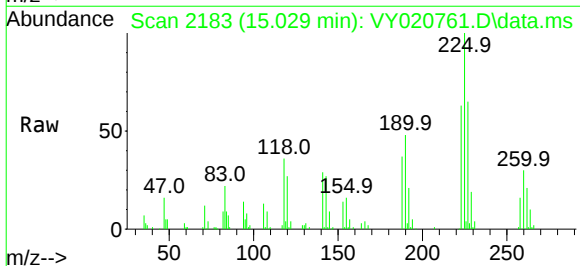
Tgt Ion:225 Resp: 25053

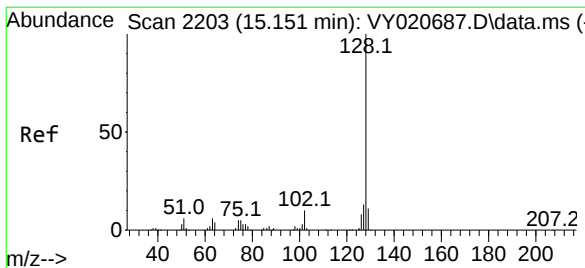
Ion Ratio Lower Upper

225 100

223 63.6 31.3 93.8

227 64.0 32.1 96.5





#95

Naphthalene

Concen: 20.168 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBS01

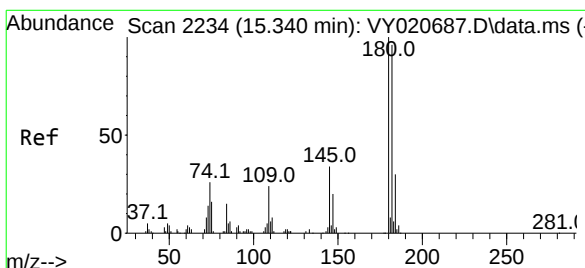
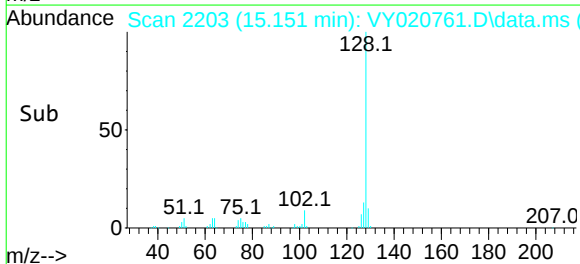
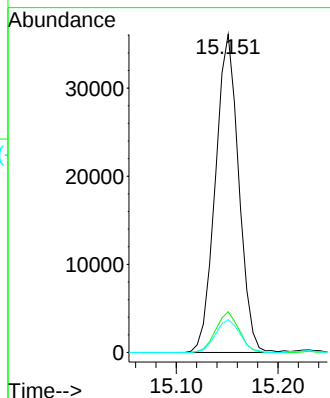
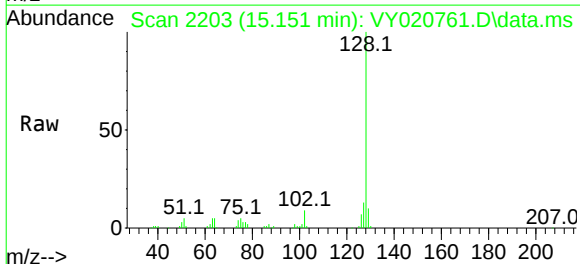
Tgt Ion:128 Resp: 57577

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.463 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020761.D

Acq: 31 Dec 2024 11:23

Tgt Ion:180 Resp: 28886

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

145 32.8 16.7 50.1

