

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020715.D
 Acq On : 26 Dec 2024 14:32
 Operator : SY/MD
 Sample : VY1226SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Quant Time: Dec 26 16:19:58 2024
 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	7.720	168	120044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	165739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	139363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	74040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	54084	55.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.000%	
35) Dibromofluoromethane	7.640	113	47566	52.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.115	98	183793	50.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	12.414	95	62876	51.825	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.660%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	18836	19.935	ug/l	98
3) Chloromethane	2.074	50	6770	19.212	ug/l	93
4) Vinyl Chloride	2.214	62	7714	17.668	ug/l	89
5) Bromomethane	2.598	94	6509	19.745	ug/l	90
6) Chloroethane	2.745	64	4700	17.944	ug/l	96
7) Trichlorofluoromethane	3.074	101	32224	19.192	ug/l	99
8) Diethyl Ether	3.464	74	8143	20.381	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	18072	19.606	ug/l	98
10) Methyl Iodide	4.019	142	17304	17.167	ug/l	97
11) Tert butyl alcohol	4.860	59	7980	119.075	ug/l #	84
12) 1,1-Dichloroethene	3.806	96	15688	19.122	ug/l	87
13) Acrolein	3.659	56	2794	135.930	ug/l	97
14) Allyl chloride	4.397	41	18840	19.623	ug/l	96
15) Acrylonitrile	5.068	53	15561	100.820	ug/l	98
16) Acetone	3.885	43	11775	94.398	ug/l	96
17) Carbon Disulfide	4.117	76	37004	18.386	ug/l	99
18) Methyl Acetate	4.397	43	6995	20.720	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	44886	19.629	ug/l	98
20) Methylene Chloride	4.629	84	16773	20.675	ug/l	89
21) trans-1,2-Dichloroethene	5.122	96	16777	18.976	ug/l	91
22) Diisopropyl ether	6.031	45	39231	20.101	ug/l	98
23) Vinyl Acetate	5.970	43	118423	101.585	ug/l	98
24) 1,1-Dichloroethane	5.933	63	28874	19.732	ug/l	97
25) 2-Butanone	6.909	43	17840	105.875	ug/l	98
26) 2,2-Dichloropropane	6.896	77	34412	19.214	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	20436	19.302	ug/l	99
28) Bromochloromethane	7.256	49	6829	17.648	ug/l	98
29) Tetrahydrofuran	7.268	42	10899	105.377	ug/l	97
30) Chloroform	7.433	83	37760	20.060	ug/l	94
31) Cyclohexane	7.713	56	24445	19.354	ug/l #	90
32) 1,1,1-Trichloroethane	7.628	97	39114	19.385	ug/l	99
36) 1,1-Dichloropropene	7.841	75	23598	19.569	ug/l	98
37) Ethyl Acetate	7.000	43	8566	21.556	ug/l	98
38) Carbon Tetrachloride	7.823	117	39187	19.734	ug/l	99
39) Methylcyclohexane	9.116	83	30514	19.742	ug/l	96
40) Benzene	8.091	78	69851	19.987	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	11882	59.194	ug/l #	28
42) 1,2-Dichloroethane	8.165	62	22857	20.396	ug/l	99
43) Isopropyl Acetate	8.207	43	16685	19.754	ug/l #	90
44) Trichloroethene	8.872	130	20214	19.365	ug/l	96
45) 1,2-Dichloropropane	9.146	63	14072	19.891	ug/l	96
46) Dibromomethane	9.238	93	9956	20.339	ug/l	98
47) Bromodichloromethane	9.433	83	27211	19.608	ug/l	99
48) Methyl methacrylate	9.231	41	7854	19.912	ug/l	96
49) 1,4-Dioxane	9.238	88	2078	445.671	ug/l	95
51) 4-Methyl-2-Pentanone	10.006	43	42819	105.031	ug/l	100
52) Toluene	10.176	92	48544	20.266	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	24065	19.744	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	26207	19.616	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	12505	20.014	ug/l	94
56) Ethyl methacrylate	10.445	69	16177	19.708	ug/l	97
57) 1,3-Dichloropropane	10.725	76	21343	21.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	27555	96.265	ug/l	100
59) 2-Hexanone	10.768	43	28183	104.703	ug/l	98
60) Dibromochloromethane	10.920	129	19953	19.763	ug/l	97
61) 1,2-Dibromoethane	11.024	107	11889	20.222	ug/l	100
64) Tetrachloroethene	10.652	164	19878	20.877	ug/l	97
65) Chlorobenzene	11.451	112	54119	19.832	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	21666	20.493	ug/l	98
67) Ethyl Benzene	11.524	91	96550	20.244	ug/l	99
68) m/p-Xylenes	11.633	106	75635	41.573	ug/l	97
69) o-Xylene	11.963	106	35970	20.693	ug/l	98
70) Styrene	11.975	104	59026	20.228	ug/l	99
71) Bromoform	12.139	173	12535	20.623	ug/l #	99
73) Isopropylbenzene	12.261	105	101462	19.780	ug/l	99
74) N-amyl acetate	12.079	43	14718	20.191	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	13746	20.903	ug/l	96
76) 1,2,3-Trichloropropane	12.566	75	19258	40.896	ug/l #	100
77) Bromobenzene	12.536	156	22761	19.276	ug/l	99
78) n-propylbenzene	12.603	91	114949	19.993	ug/l	99
79) 2-Chlorotoluene	12.688	91	65099	19.862	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	84854	19.855	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	4908	20.601	ug/l	98
82) 4-Chlorotoluene	12.786	91	67579	19.951	ug/l	100
83) tert-Butylbenzene	13.005	119	78963	19.784	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	83301	20.030	ug/l	98
85) sec-Butylbenzene	13.182	105	107364	19.960	ug/l	100
86) p-Isopropyltoluene	13.298	119	94876	19.792	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	45455	19.696	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	45797	19.948	ug/l	98
89) n-Butylbenzene	13.627	91	79827	19.949	ug/l	98
90) Hexachloroethane	13.889	117	17599	19.307	ug/l	98
91) 1,2-Dichlorobenzene	13.670	146	40158	20.294	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2581	20.237	ug/l	94
93) 1,2,4-Trichlorobenzene	14.926	180	23946	19.039	ug/l	98
94) Hexachlorobutadiene	15.029	225	18496	20.177	ug/l	98
95) Naphthalene	15.151	128	40300	20.005	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	21103	20.151	ug/l	98

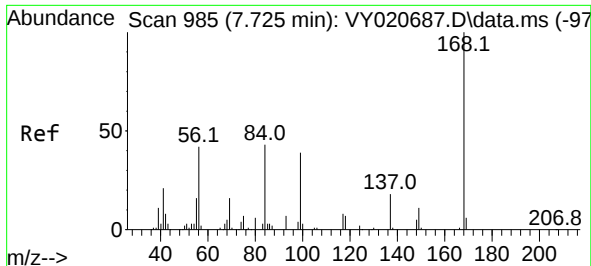
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
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Operator : SY/MD
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ClientSampleId :
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QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

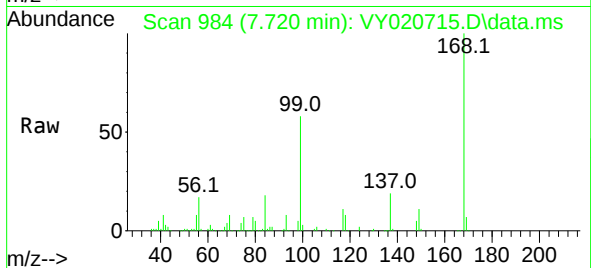
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

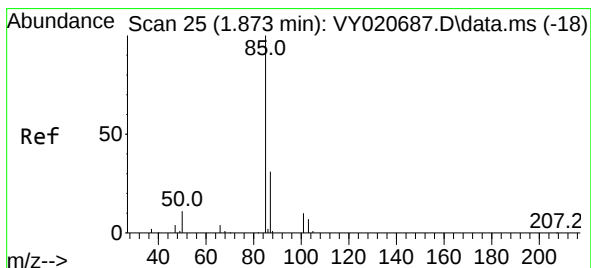
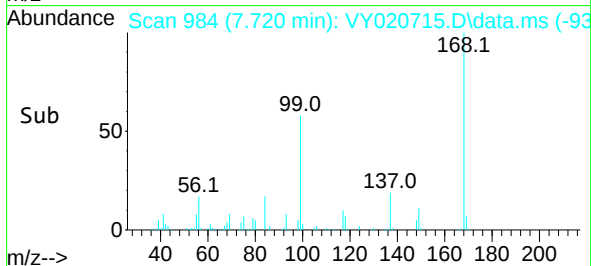
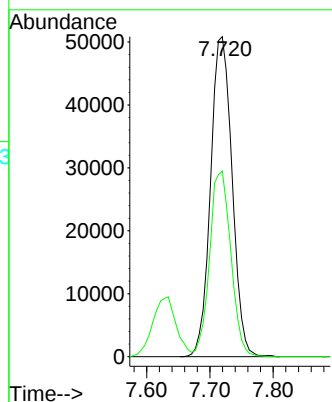


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 99
Delta R.T. -0.005 min
Lab File: VY020715.D
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Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

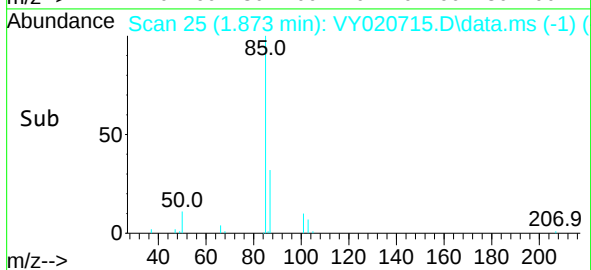
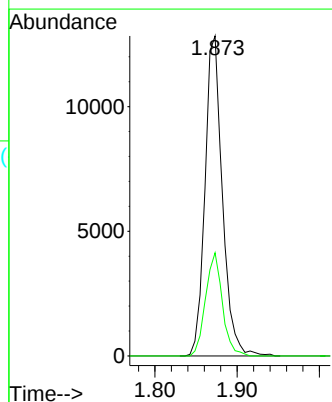
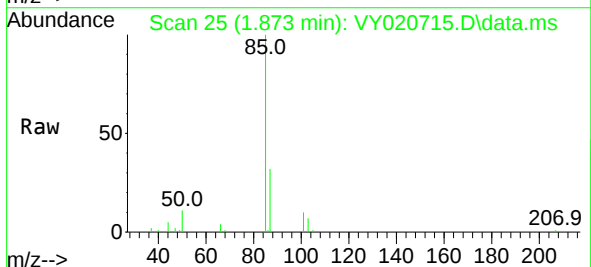


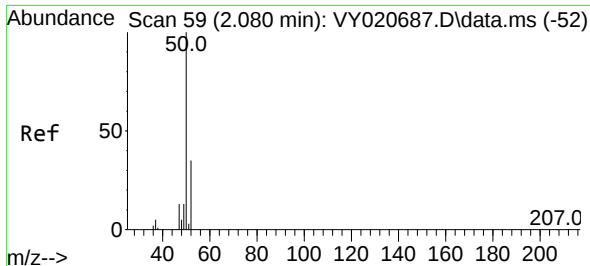
Tgt Ion:168 Resp: 120044
Ion Ratio Lower Upper
168 100
99 58.0 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 19.935 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 85 Resp: 18836
Ion Ratio Lower Upper
85 100
87 32.3 15.4 46.4

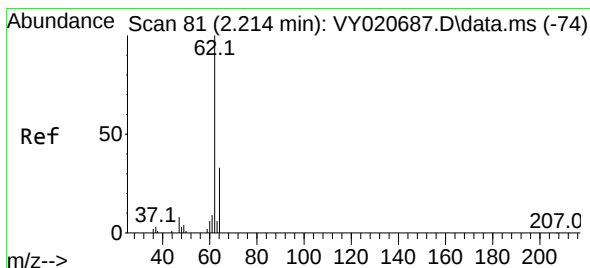
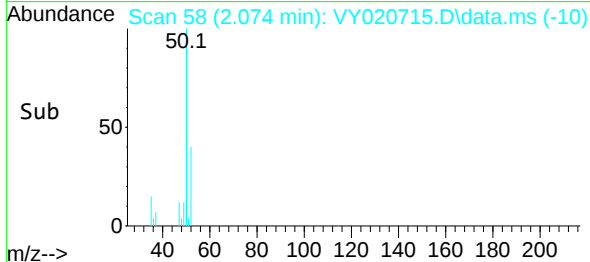
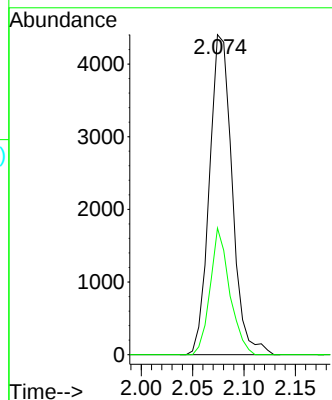
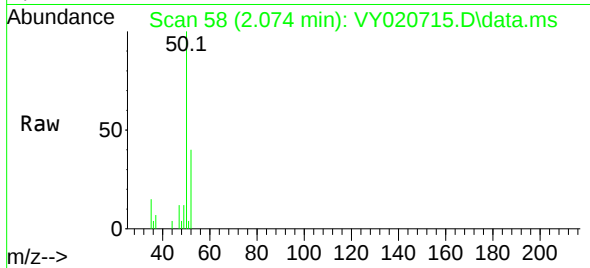




#3
Chloromethane
Concen: 19.212 ug/l
RT: 2.074 min Scan# 59
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

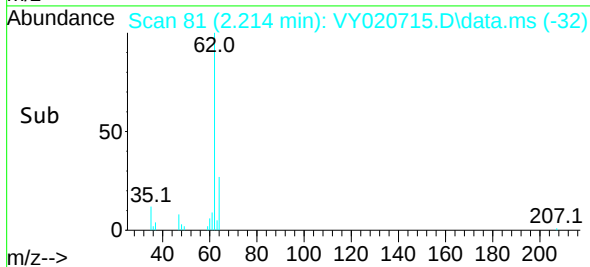
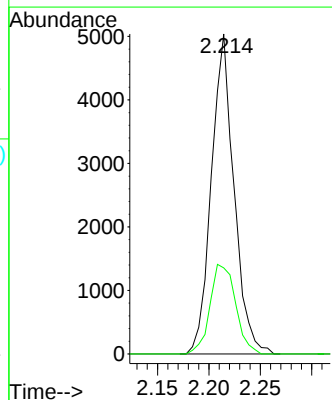
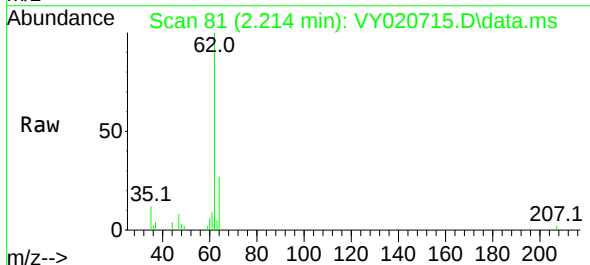
Instrument :
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ClientSampleId :
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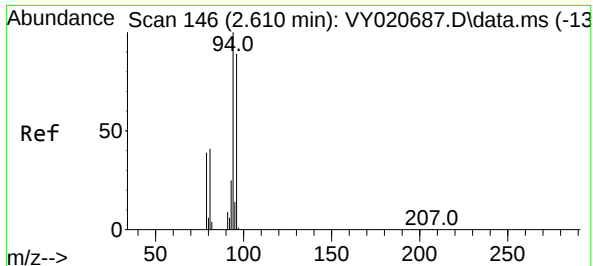
Tgt Ion: 50 Resp: 6770
Ion Ratio Lower Upper
50 100
52 39.6 28.2 42.2



#4
Vinyl Chloride
Concen: 17.668 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 62 Resp: 7714
Ion Ratio Lower Upper
62 100
64 26.9 26.6 40.0

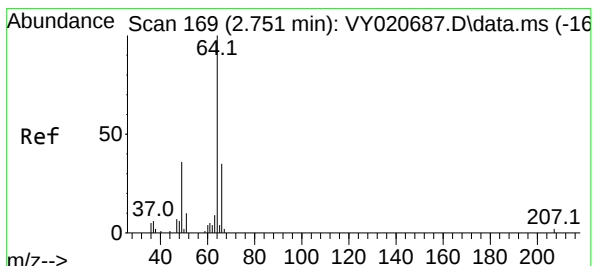
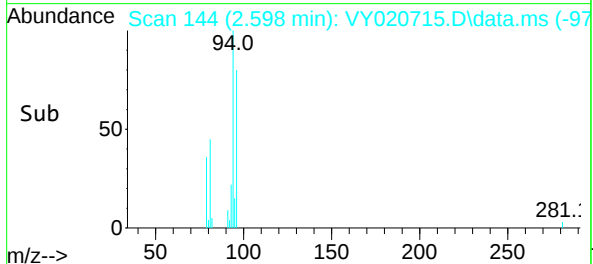
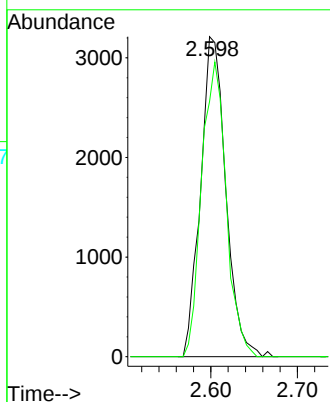
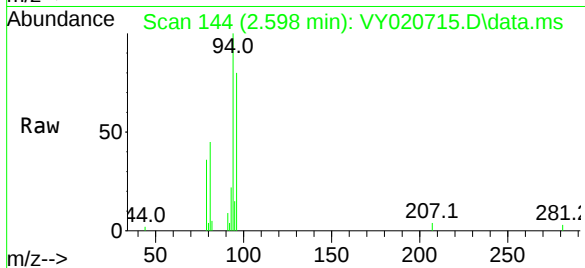




#5
Bromomethane
Concen: 19.745 ug/l
RT: 2.598 min Scan# 146
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

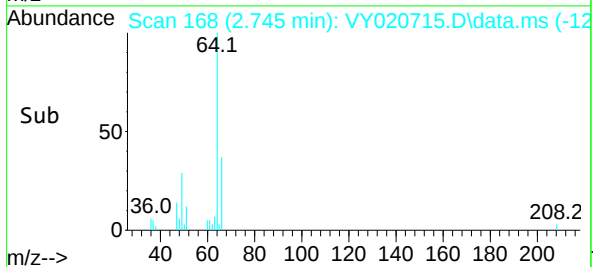
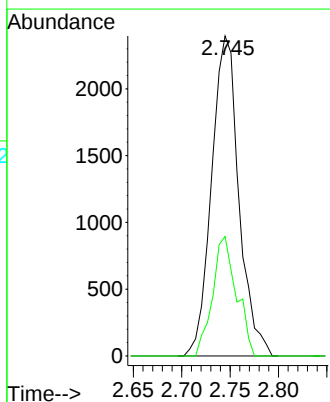
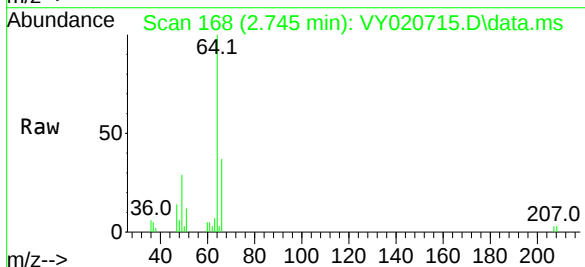
Instrument :
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ClientSampleId :
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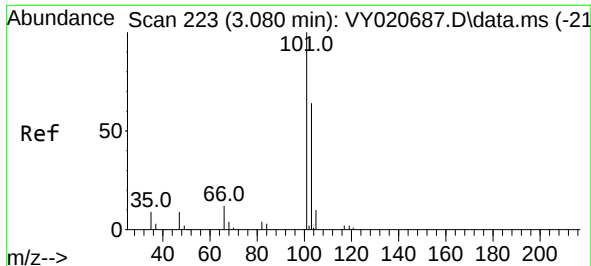
Tgt Ion: 94 Resp: 6509
Ion Ratio Lower Upper
94 100
96 79.7 71.0 106.6



#6
Chloroethane
Concen: 17.944 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 64 Resp: 4700
Ion Ratio Lower Upper
64 100
66 37.4 27.8 41.8

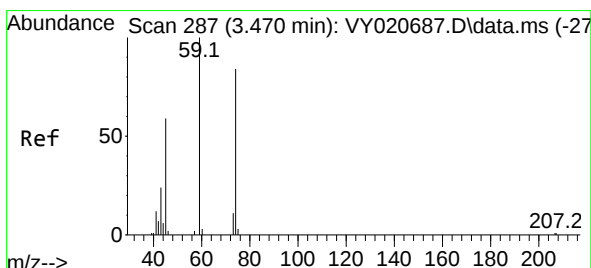
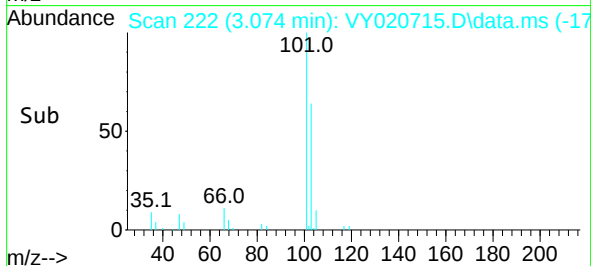
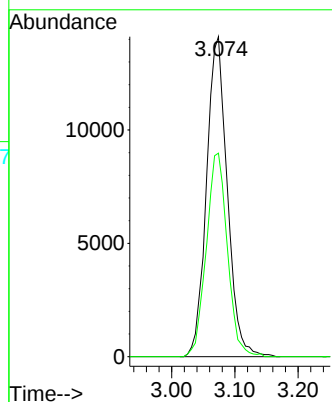
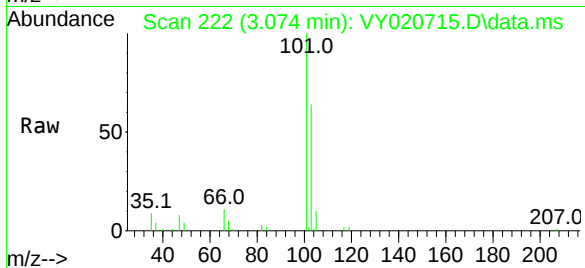




#7
Trichlorofluoromethane
Concen: 19.192 ug/l
RT: 3.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

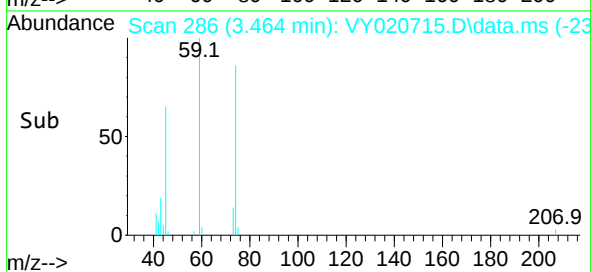
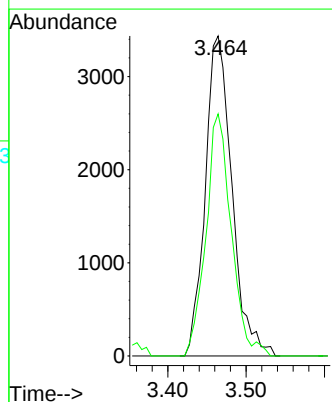
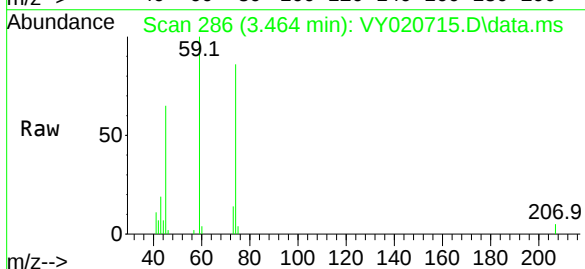
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

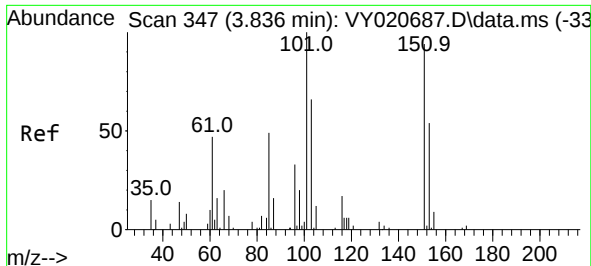
Tgt Ion:101 Resp: 32224
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0



#8
Diethyl Ether
Concen: 20.381 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 74 Resp: 8143
Ion Ratio Lower Upper
74 100
45 71.7 35.8 107.4

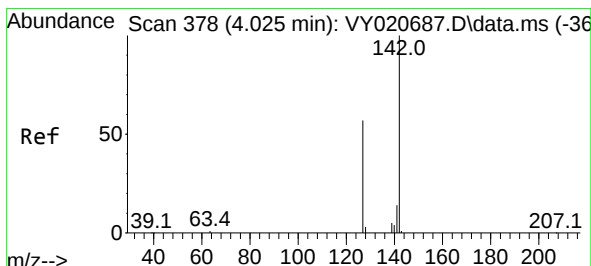
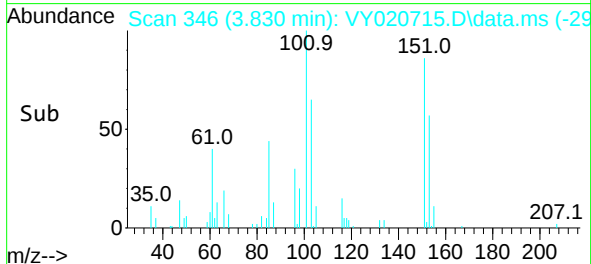
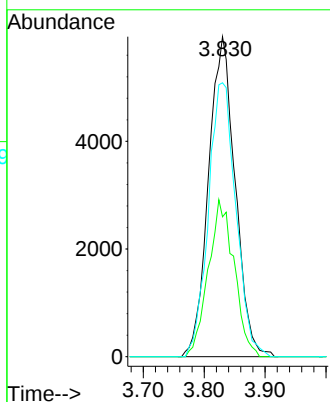
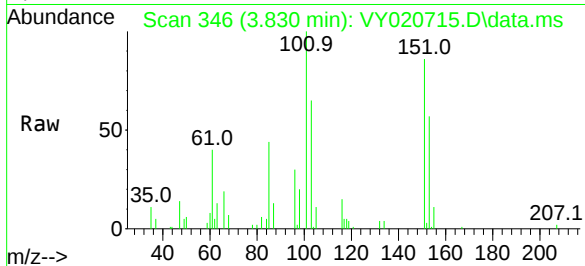




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.606 ug/l
RT: 3.830 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY020715.D
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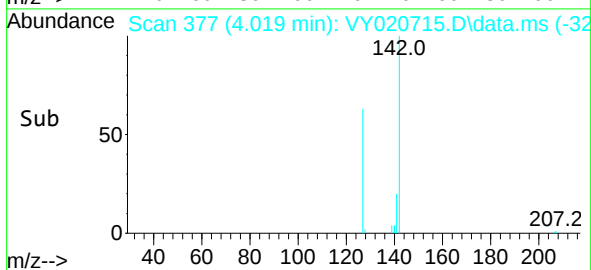
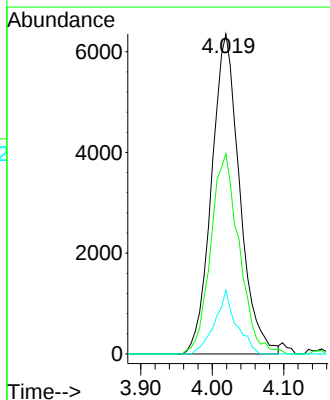
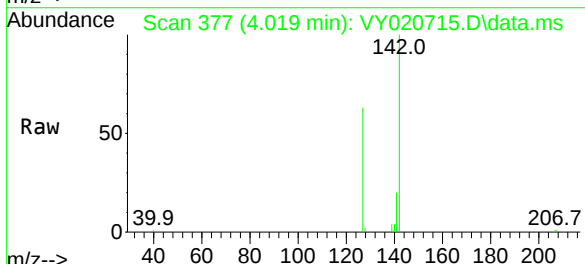
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

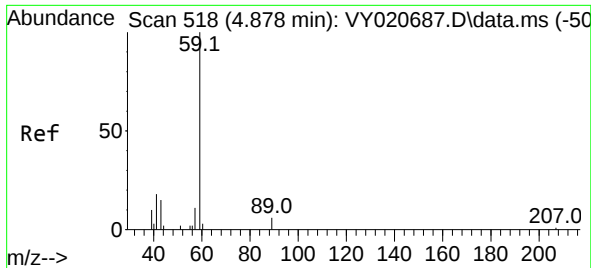
Tgt Ion:101 Resp: 18072
Ion Ratio Lower Upper
101 100
85 47.5 38.2 57.2
151 88.4 68.4 102.6



#10
Methyl Iodide
Concen: 17.167 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:142 Resp: 17304
Ion Ratio Lower Upper
142 100
127 63.5 48.8 73.2
141 15.3 11.9 17.9

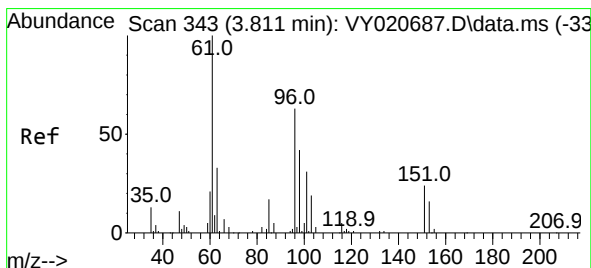
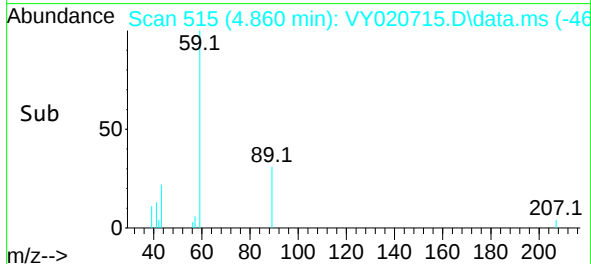
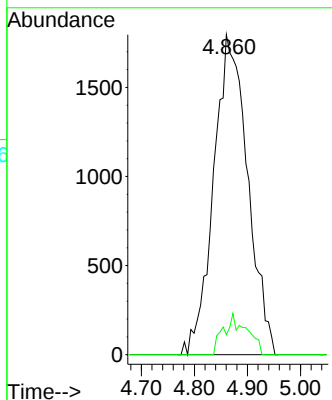
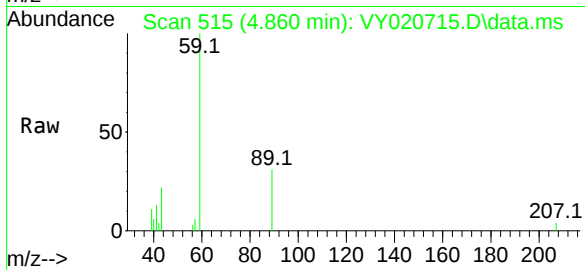




#11
Tert butyl alcohol
Concen: 119.075 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

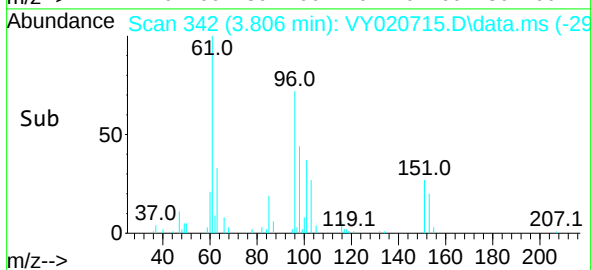
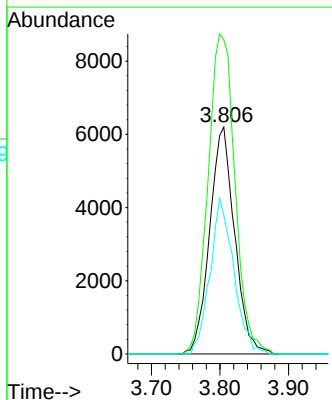
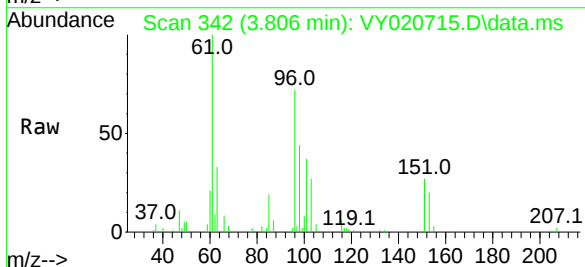
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

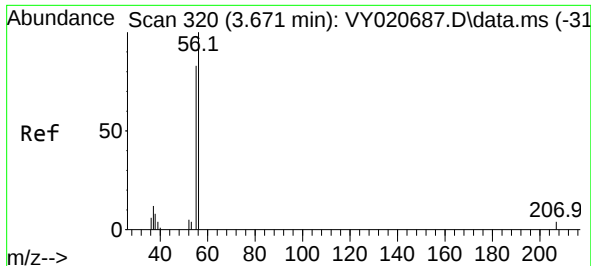
Tgt Ion: 59 Resp: 7980
Ion Ratio Lower Upper
59 100
57 8.7 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 19.122 ug/l
RT: 3.806 min Scan# 342
Delta R.T. -0.005 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

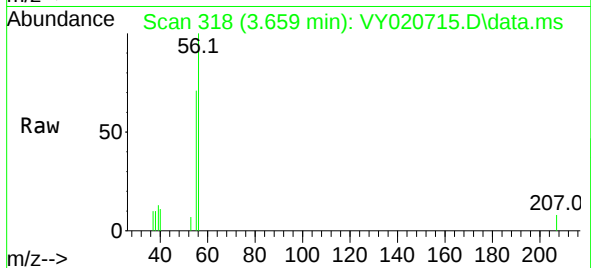
Tgt Ion: 96 Resp: 15688
Ion Ratio Lower Upper
96 100
61 138.6 127.1 190.7
98 61.2 53.4 80.0



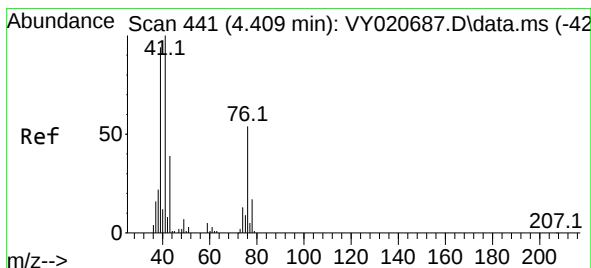
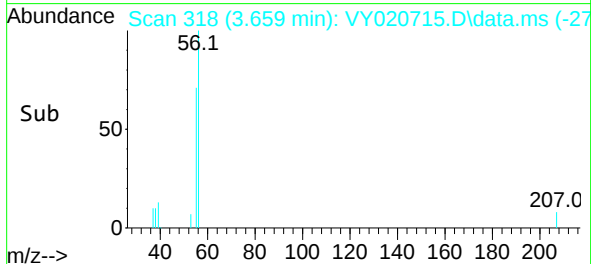
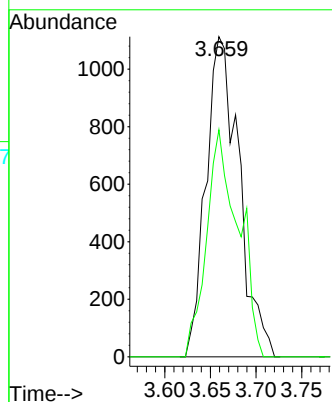


#13
Acrolein
Concen: 135.930 ug/l
RT: 3.659 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

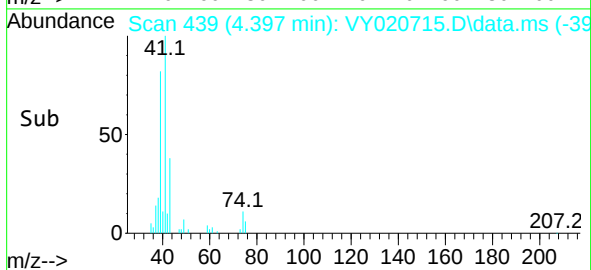
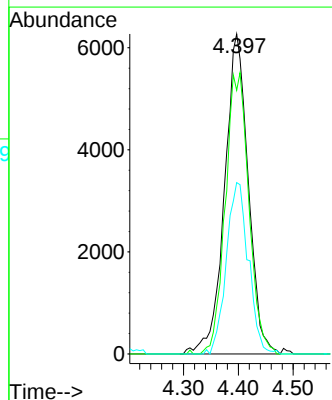
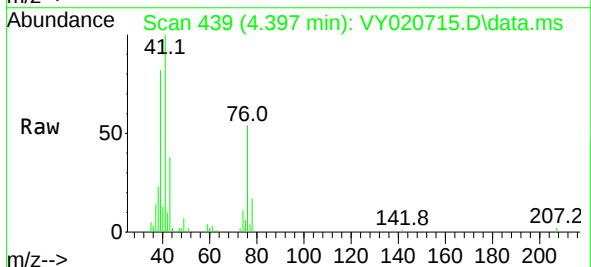


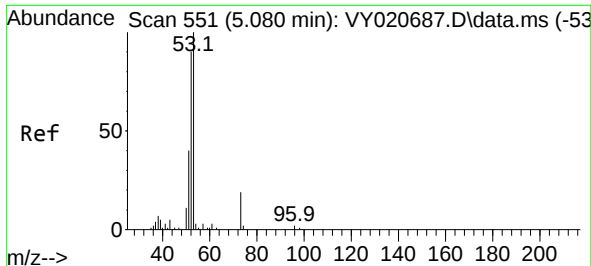
Tgt Ion: 56 Resp: 2794
Ion Ratio Lower Upper
56 100
55 68.4 57.0 85.4



#14
Allyl chloride
Concen: 19.623 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 41 Resp: 18840
Ion Ratio Lower Upper
41 100
39 87.1 73.5 110.3
76 50.0 41.8 62.8

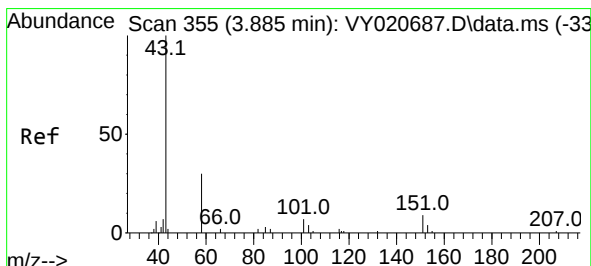
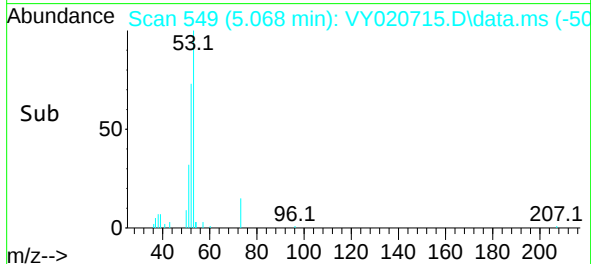
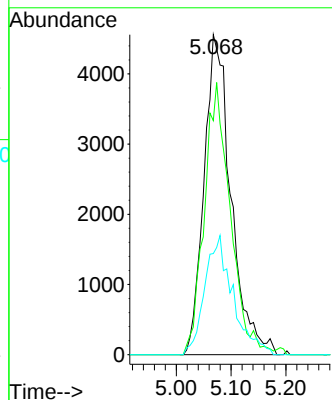
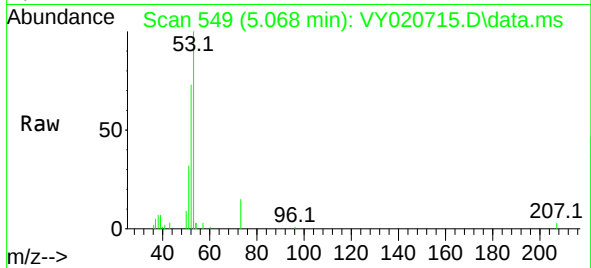




#15
Acrylonitrile
Concen: 100.820 ug/l
RT: 5.068 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

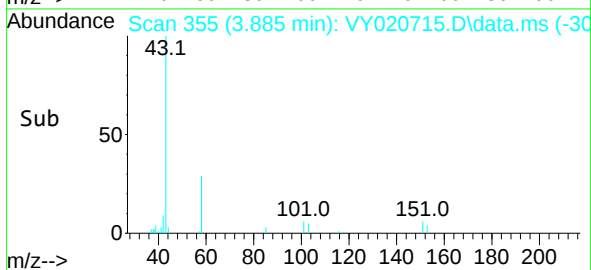
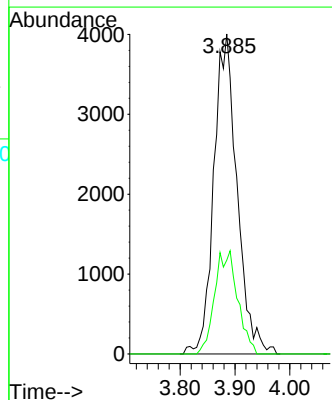
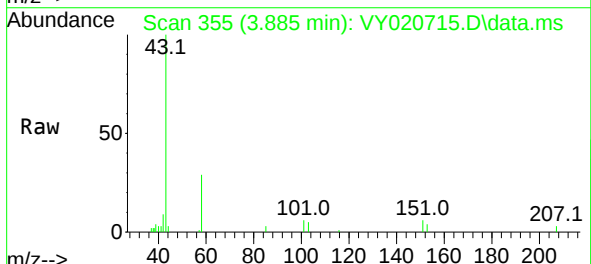
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

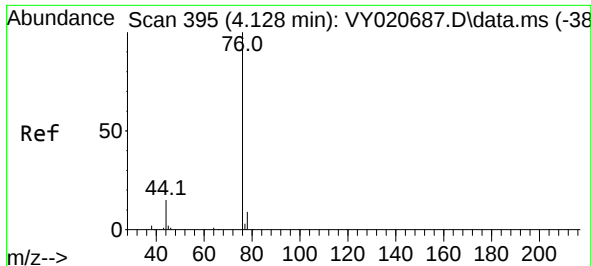
Tgt Ion: 53 Resp: 15561
Ion Ratio Lower Upper
53 100
52 82.1 67.1 100.7
51 38.8 31.4 47.0



#16
Acetone
Concen: 94.398 ug/l
RT: 3.885 min Scan# 355
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 11775
Ion Ratio Lower Upper
43 100
58 29.3 25.0 37.6

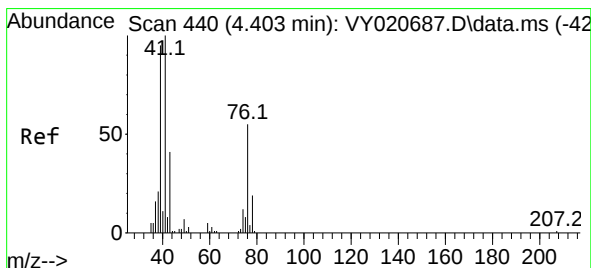
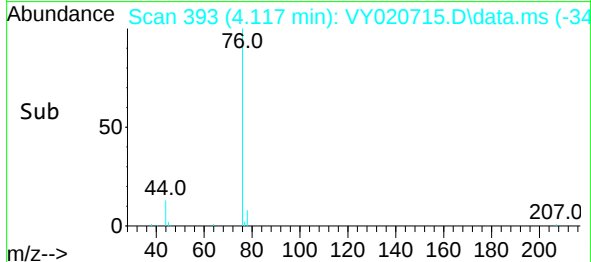
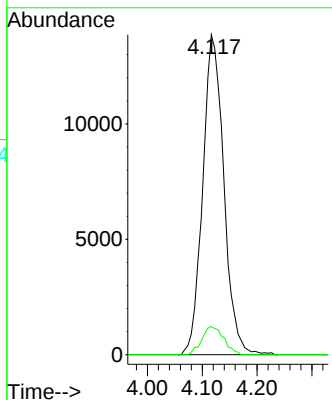
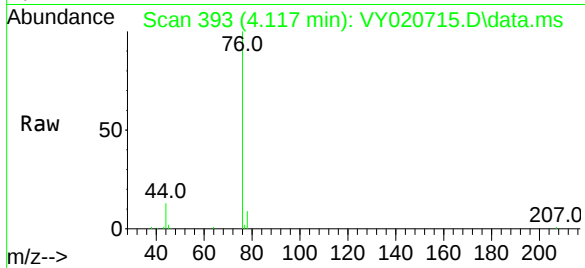




#17
Carbon Disulfide
Concen: 18.386 ug/l
RT: 4.117 min Scan# 393
Delta R.T. -0.011 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

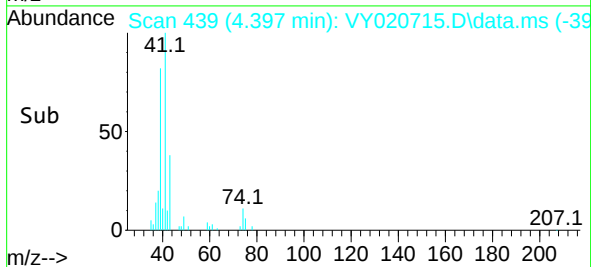
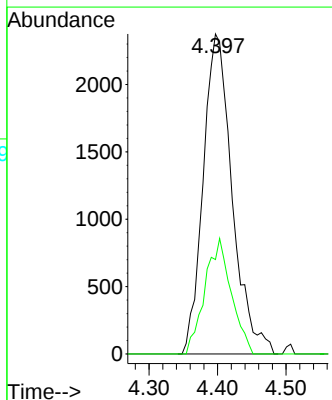
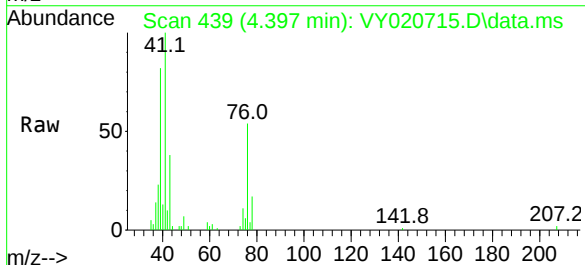
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

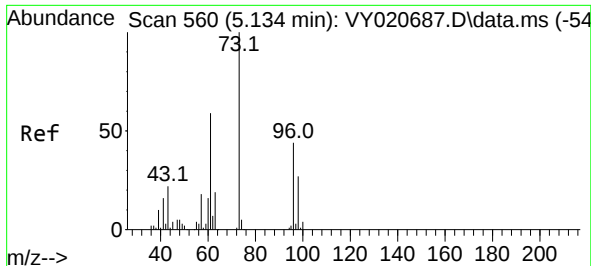
Tgt Ion: 76 Resp: 37004
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 20.720 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 6995
Ion Ratio Lower Upper
43 100
74 32.8 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 19.629 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.001 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

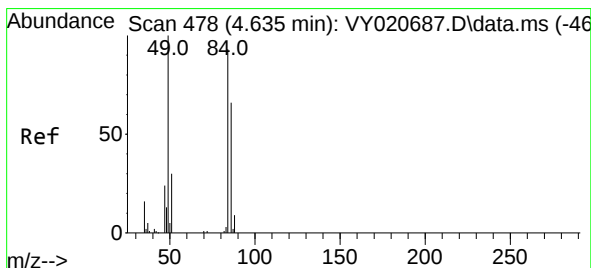
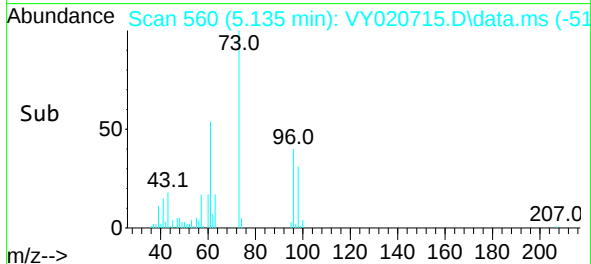
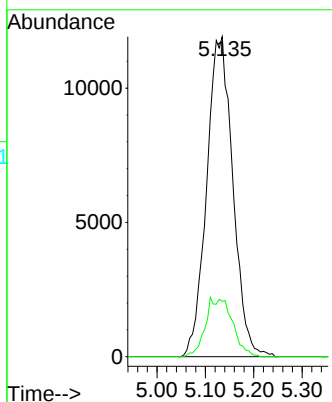
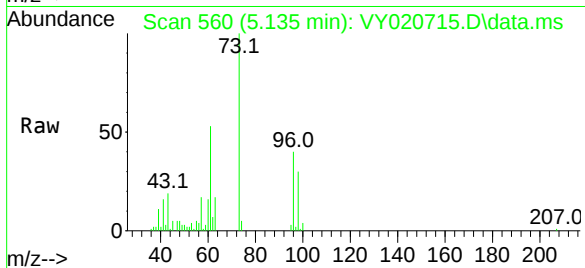
VY1226SBS01

Tgt Ion: 73 Resp: 44886

Ion Ratio Lower Upper

73 100

57 17.3 14.4 21.6



#20

Methylene Chloride

Concen: 20.675 ug/l

RT: 4.629 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Tgt Ion: 84 Resp: 16773

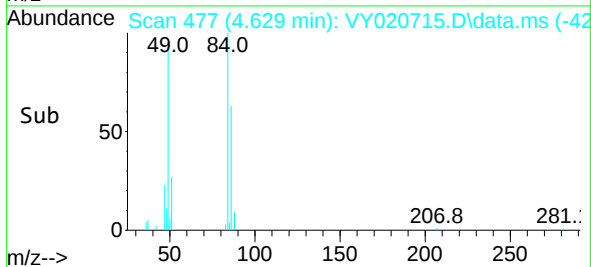
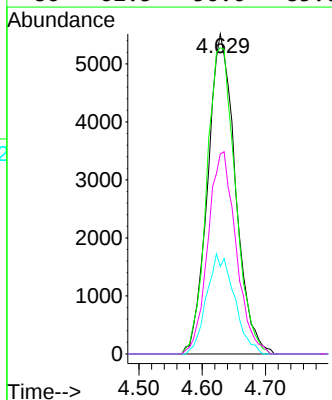
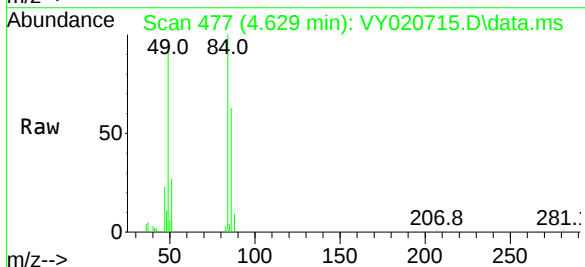
Ion Ratio Lower Upper

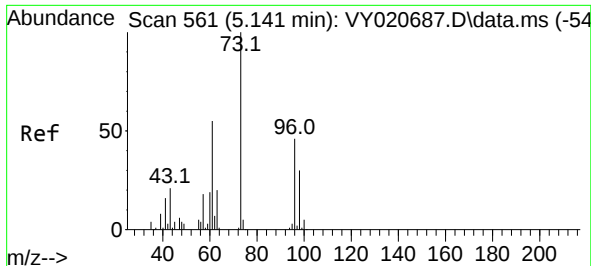
84 100

49 95.7 86.4 129.6

51 27.3 25.5 38.3

86 62.5 56.6 85.0

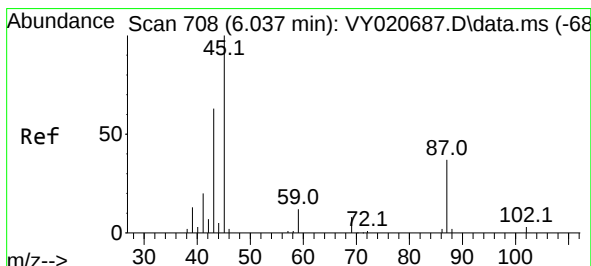
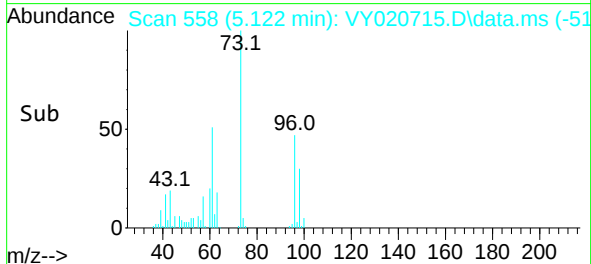
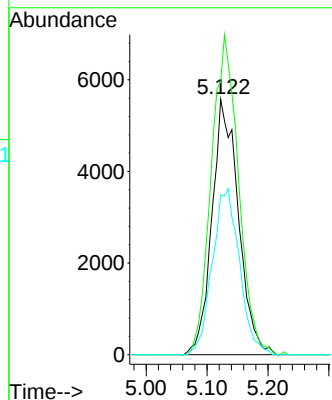
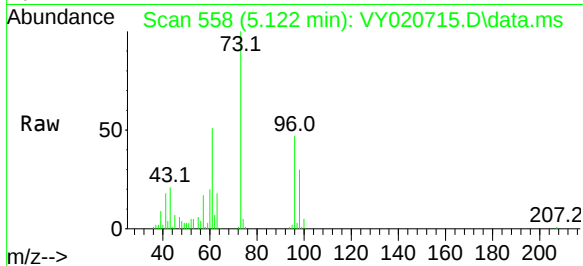




#21
trans-1,2-Dichloroethene
Concen: 18.976 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

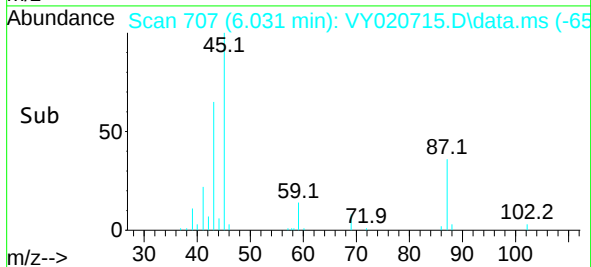
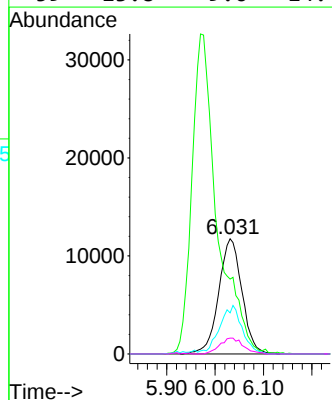
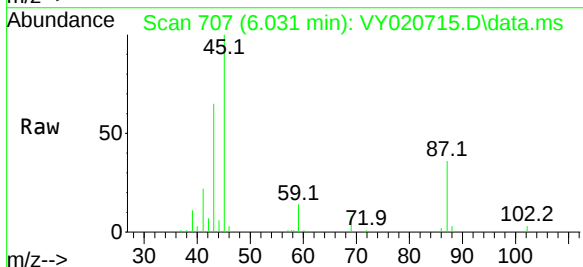
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

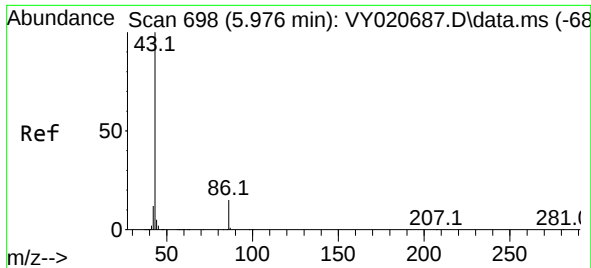
Tgt Ion: 96 Resp: 16777
Ion Ratio Lower Upper
96 100
61 106.8 96.1 144.1
98 62.6 52.7 79.1



#22
Diisopropyl ether
Concen: 20.101 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 45 Resp: 39231
Ion Ratio Lower Upper
45 100
43 64.1 51.3 76.9
87 35.7 30.6 46.0
59 13.8 9.6 14.4

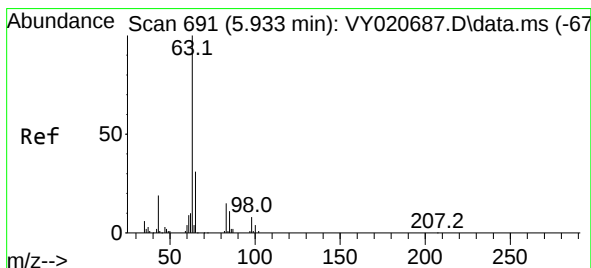
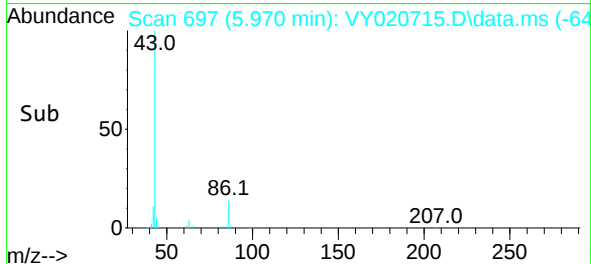
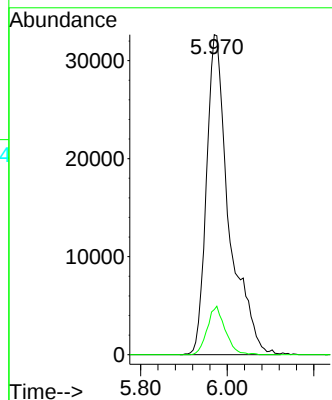
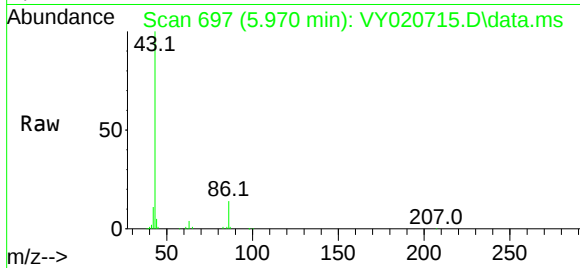




#23
 Vinyl Acetate
 Concen: 101.585 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020715.D
 Acq: 26 Dec 2024 14:32

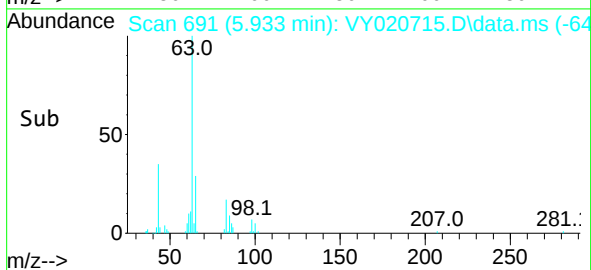
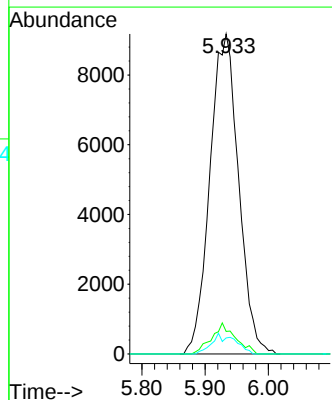
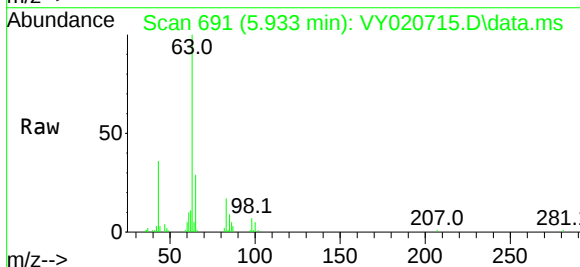
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

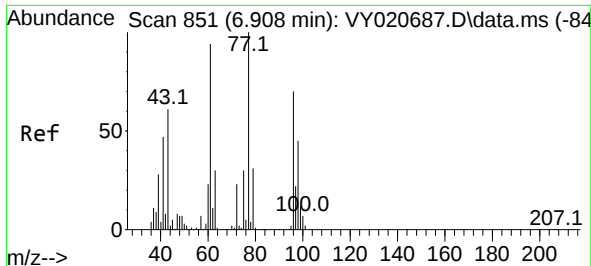
Tgt Ion: 43 Resp: 118423
 Ion Ratio Lower Upper
 43 100
 86 14.1 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 19.732 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020715.D
 Acq: 26 Dec 2024 14:32

Tgt Ion: 63 Resp: 28874
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.0
 100 5.0 2.1 6.2

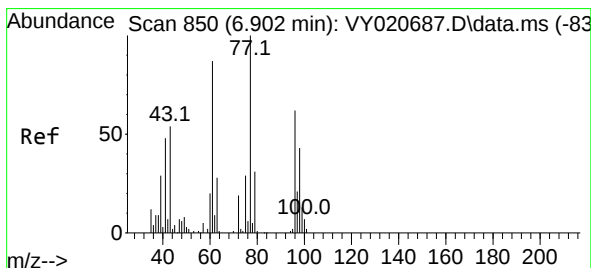
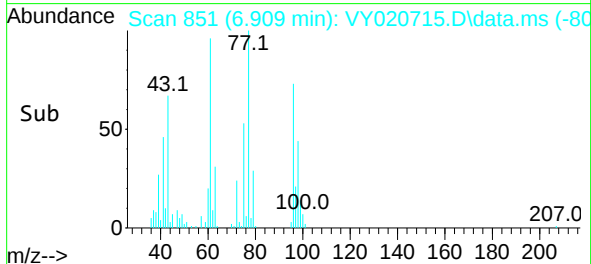
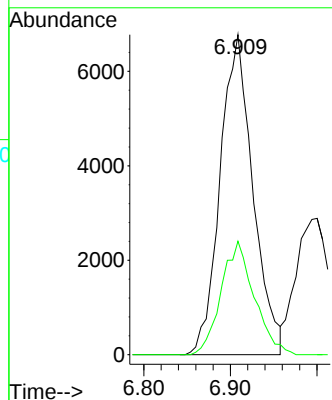
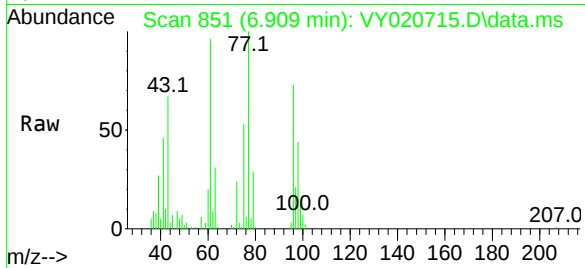




#25
2-Butanone
Concen: 105.875 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

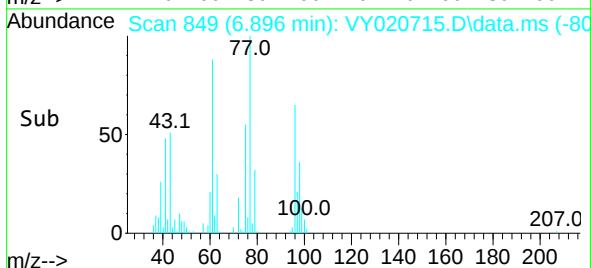
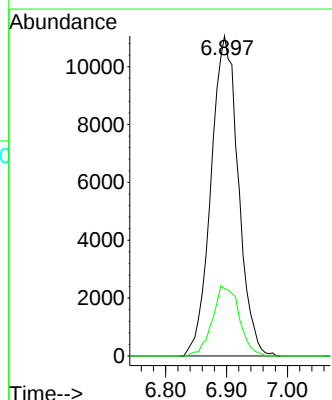
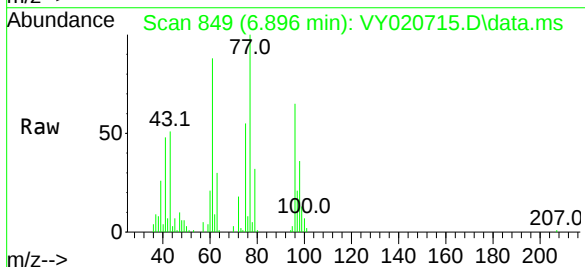
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

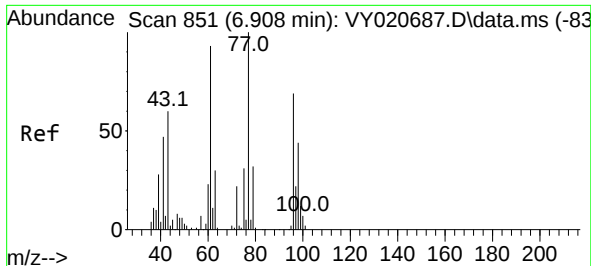
Tgt Ion: 43 Resp: 17840
Ion Ratio Lower Upper
43 100
72 35.5 29.5 44.3



#26
2,2-Dichloropropane
Concen: 19.214 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 77 Resp: 34412
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 19.302 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.001 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

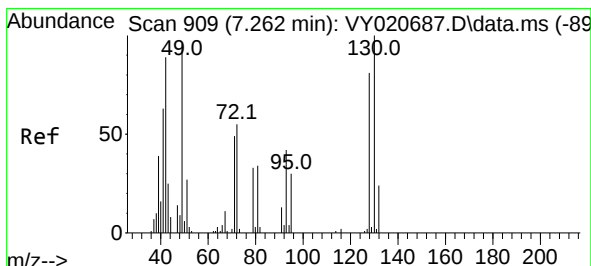
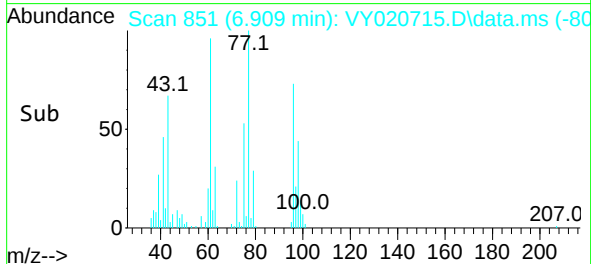
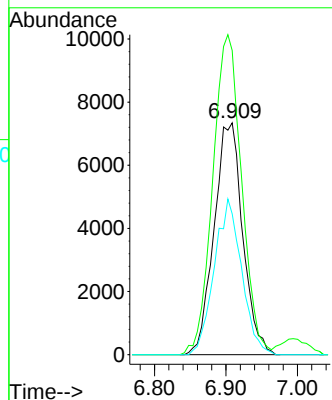
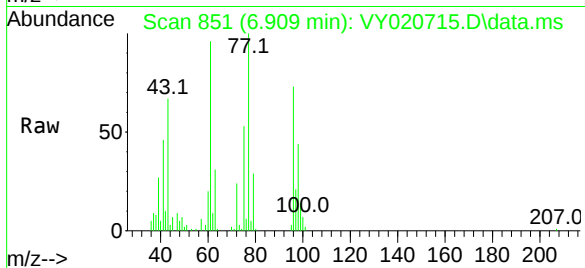
Tgt Ion: 96 Resp: 20436

Ion Ratio Lower Upper

96 100

61 138.7 0.0 277.2

98 64.2 0.0 131.0



#28

Bromochloromethane

Concen: 17.648 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

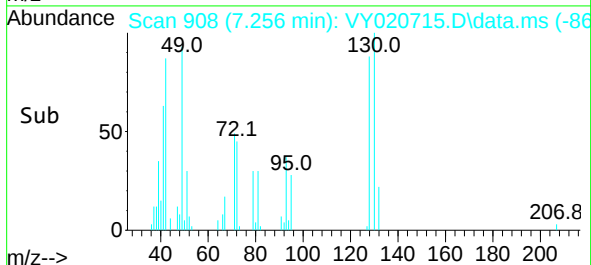
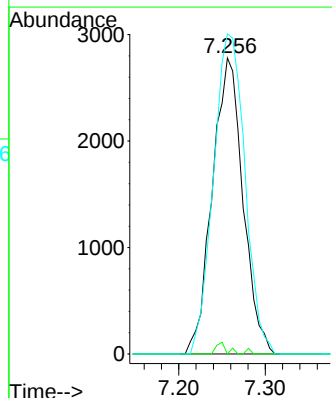
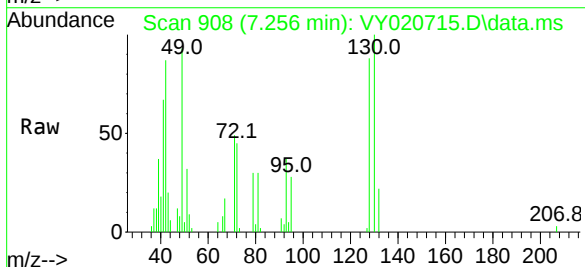
Tgt Ion: 49 Resp: 6829

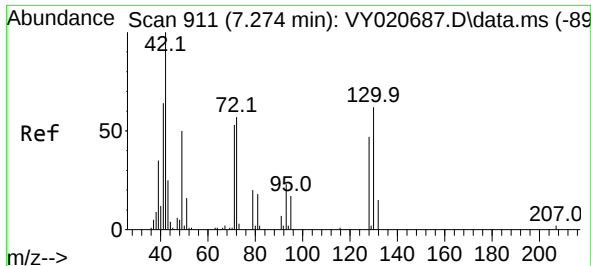
Ion Ratio Lower Upper

49 100

129 1.3 0.0 5.4

130 111.4 87.2 130.8

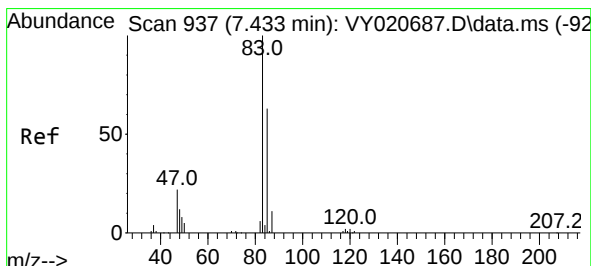
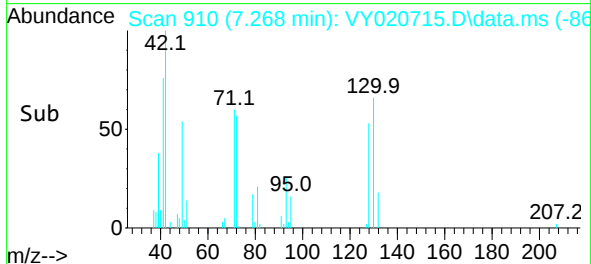
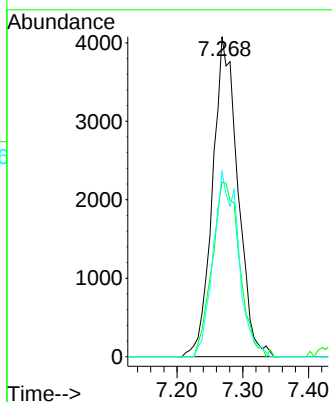
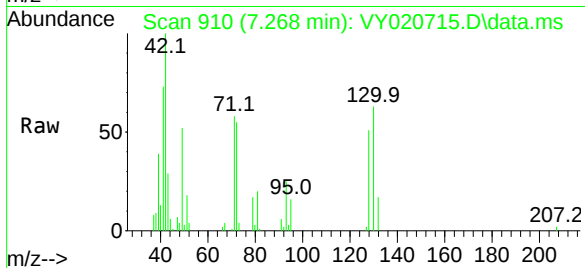




#29
Tetrahydrofuran
Concen: 105.377 ug/l
RT: 7.268 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

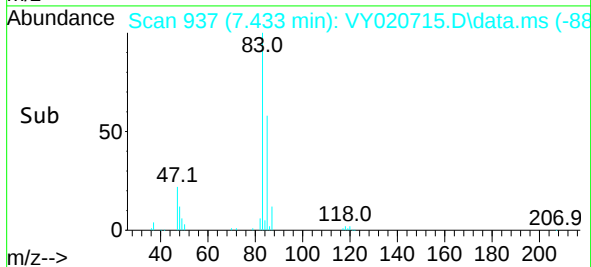
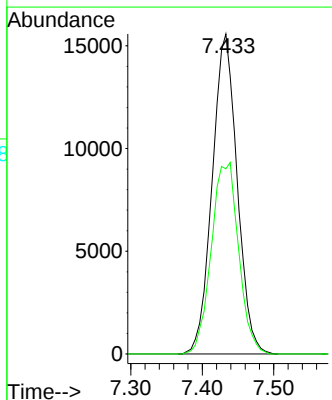
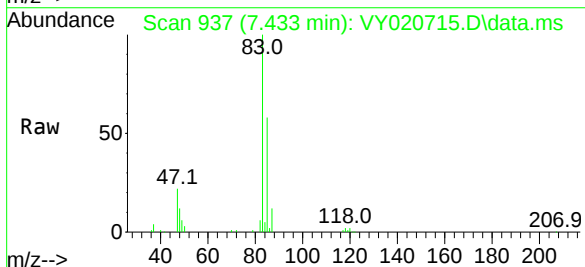
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

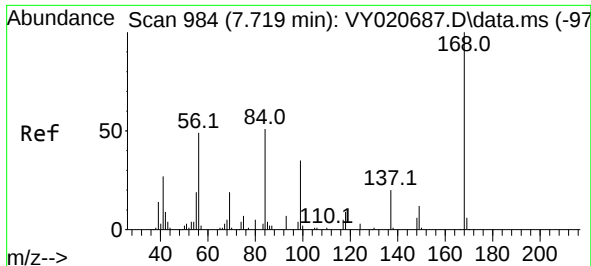
Tgt Ion: 42 Resp: 10899
Ion Ratio Lower Upper
42 100
72 59.1 47.4 71.0
71 57.6 42.8 64.2



#30
Chloroform
Concen: 20.060 ug/l
RT: 7.433 min Scan# 937
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

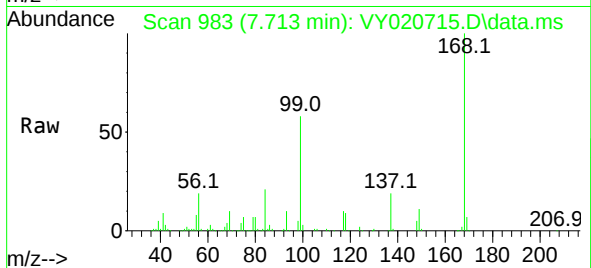
Tgt Ion: 83 Resp: 37760
Ion Ratio Lower Upper
83 100
85 57.8 50.2 75.2



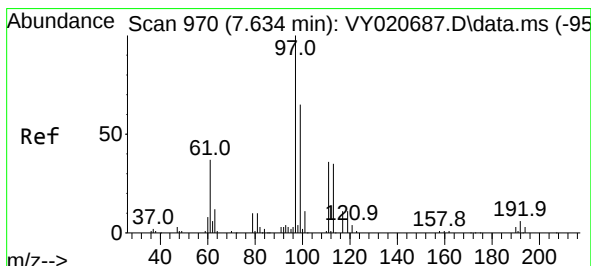
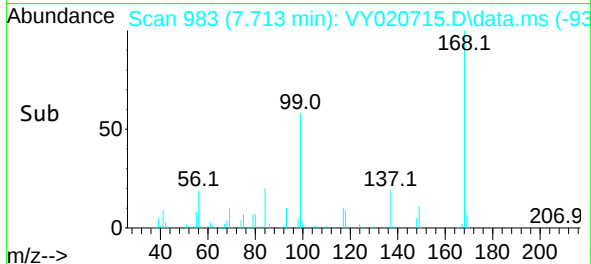
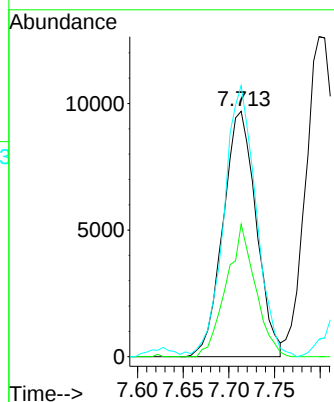


#31
Cyclohexane
Concen: 19.354 ug/l
RT: 7.713 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

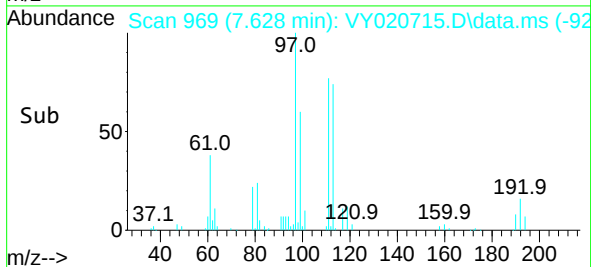
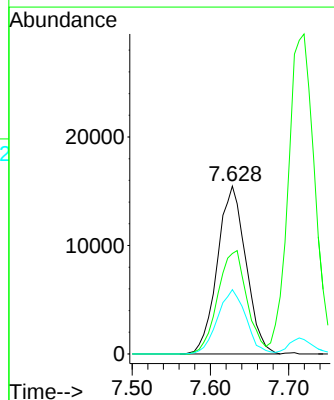
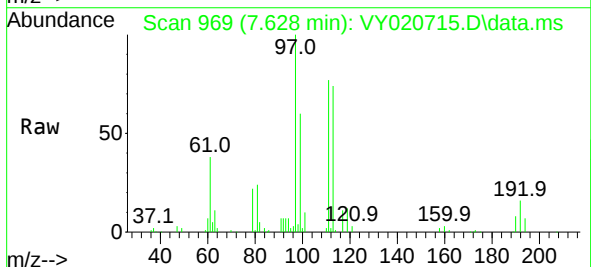


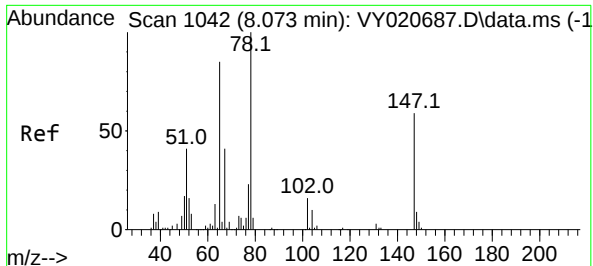
Tgt Ion: 56 Resp: 24445
Ion Ratio Lower Upper
56 100
69 54.0 31.3 46.9#
84 109.5 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 19.385 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 97 Resp: 39114
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.6
61 38.2 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 55.004 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

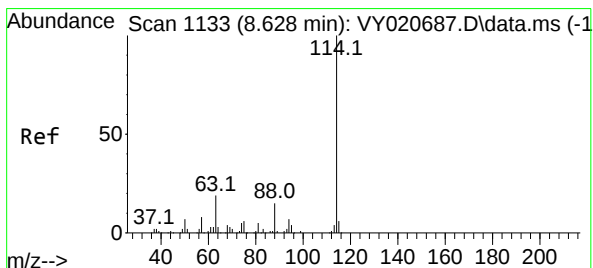
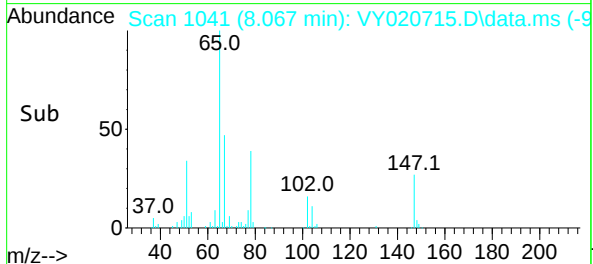
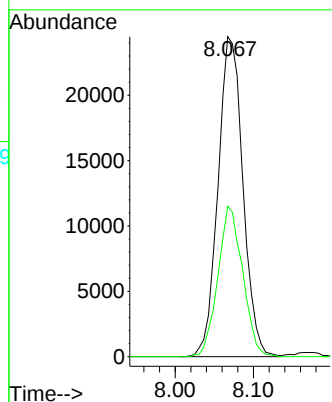
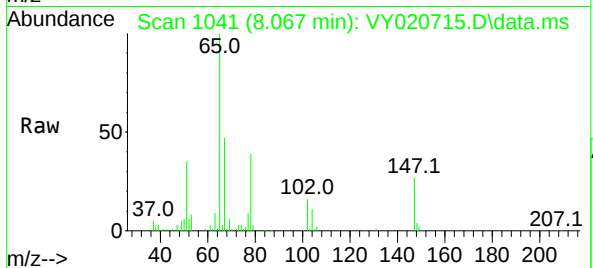
VY1226SBS01

Tgt Ion: 65 Resp: 54084

Ion Ratio Lower Upper

65 100

67 46.8 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

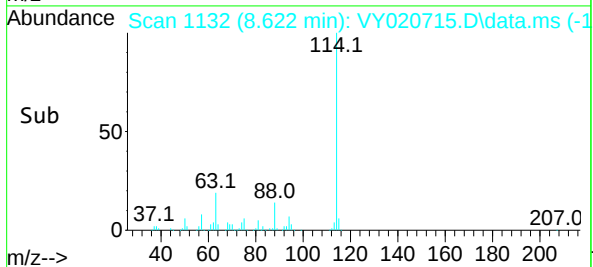
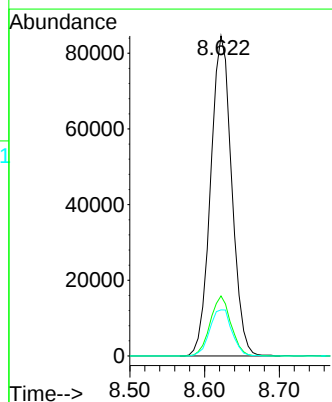
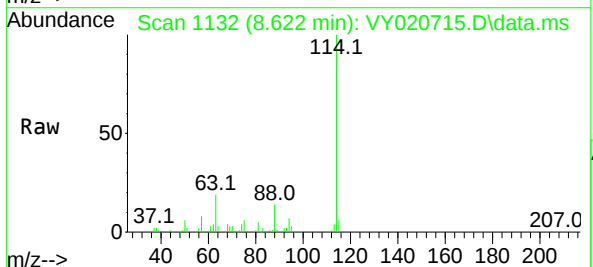
Tgt Ion: 114 Resp: 165739

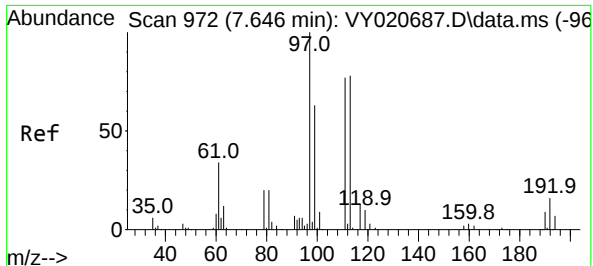
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

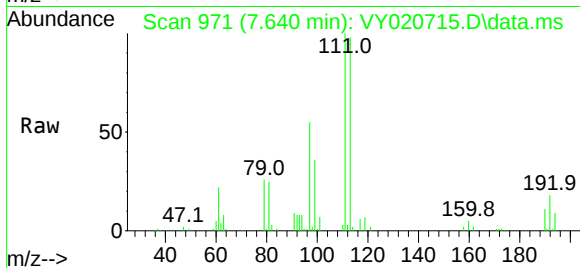
88 14.4 0.0 30.4



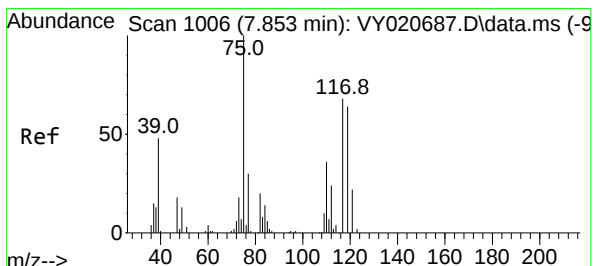
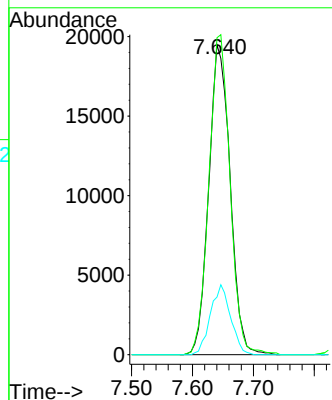
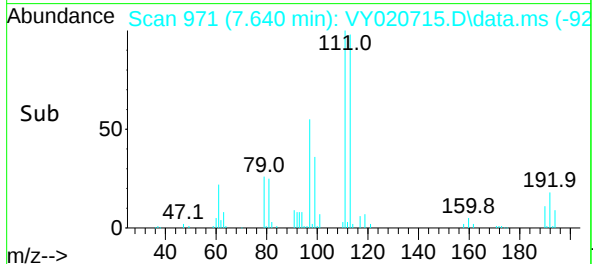


#35
Dibromofluoromethane
Concen: 52.103 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

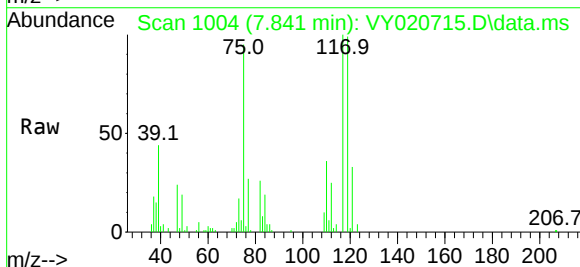
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01



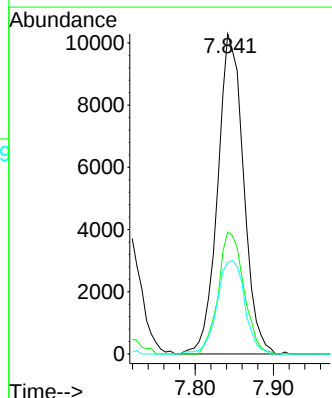
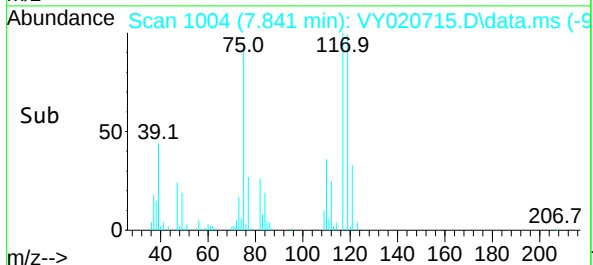
Tgt Ion:113 Resp: 47566
Ion Ratio Lower Upper
113 100
111 101.7 79.8 119.8
192 21.3 17.0 25.6

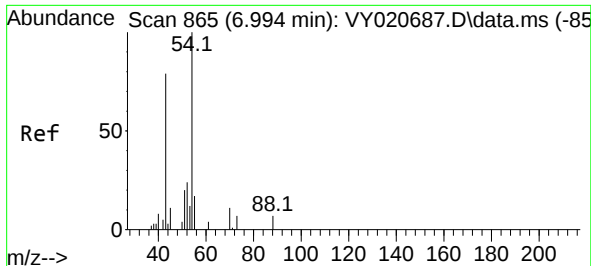


#36
1,1-Dichloropropene
Concen: 19.569 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32



Tgt Ion: 75 Resp: 23598
Ion Ratio Lower Upper
75 100
110 37.5 19.6 58.7
77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 21.556 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

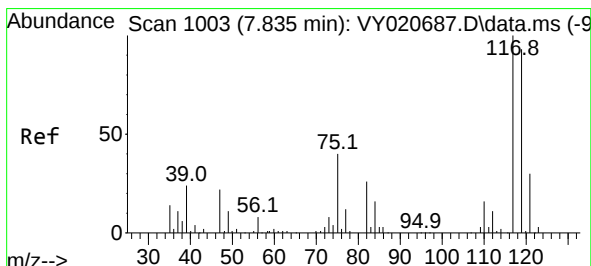
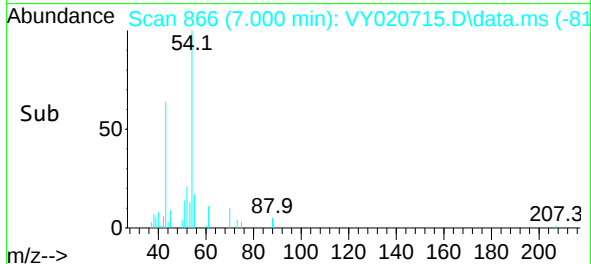
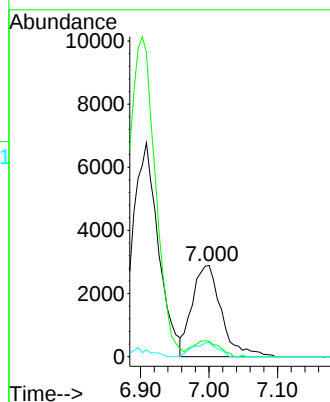
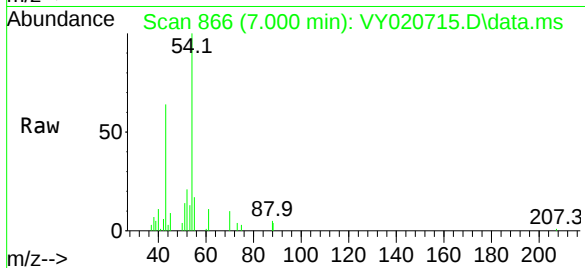
Tgt Ion: 43 Resp: 8566

Ion Ratio Lower Upper

43 100

61 15.9 11.7 17.5

70 13.2 11.0 16.4



#38

Carbon Tetrachloride

Concen: 19.734 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.012 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

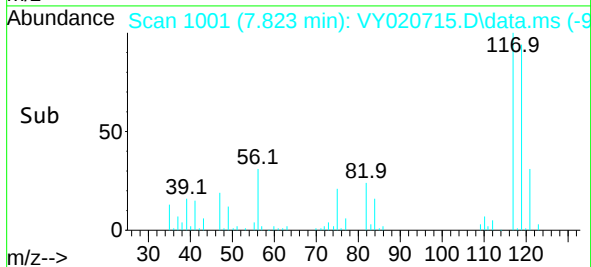
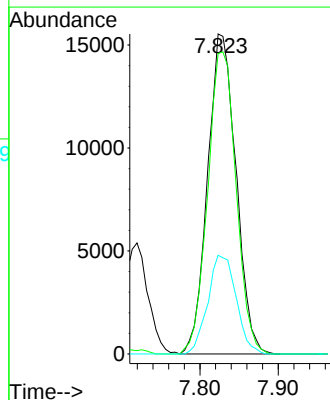
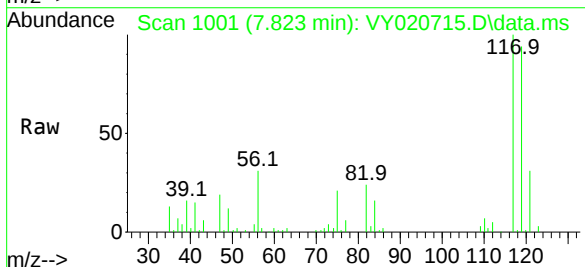
Tgt Ion: 117 Resp: 39187

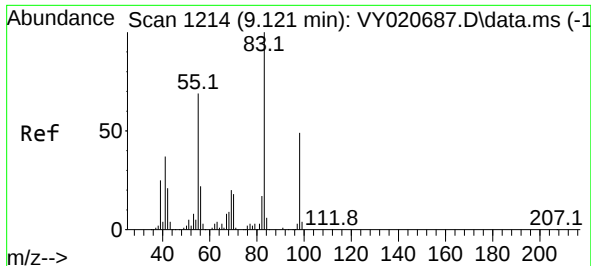
Ion Ratio Lower Upper

117 100

119 93.9 74.4 111.6

121 30.9 24.2 36.2





#39

Methylcyclohexane

Concen: 19.742 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.005 min

Lab File: VY020715.D

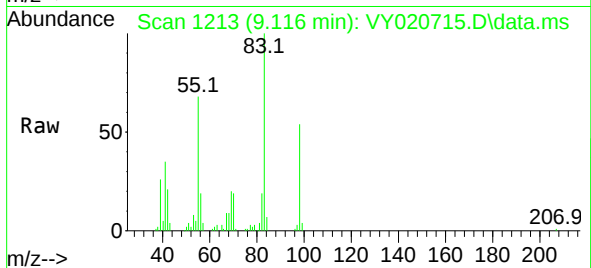
Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

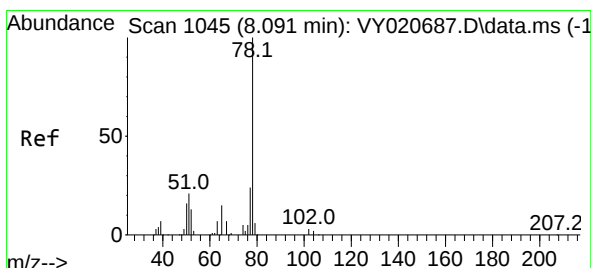
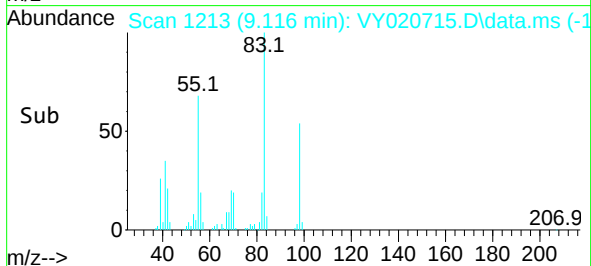
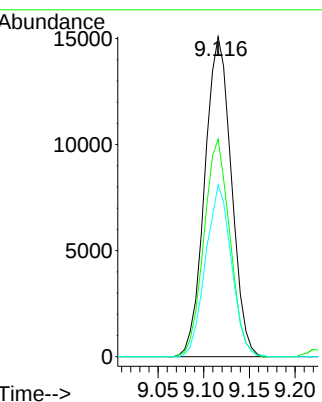
ClientSampleId :

VY1226SBS01



Tgt Ion: 83 Resp: 30514

Ion	Ratio	Lower	Upper
83	100		
55	68.0	55.0	82.4
98	53.7	39.0	58.6



#40

Benzene

Concen: 19.987 ug/l

RT: 8.091 min Scan# 1045

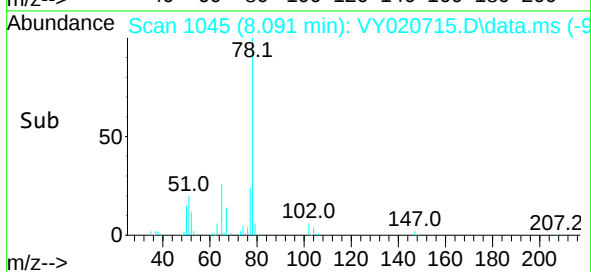
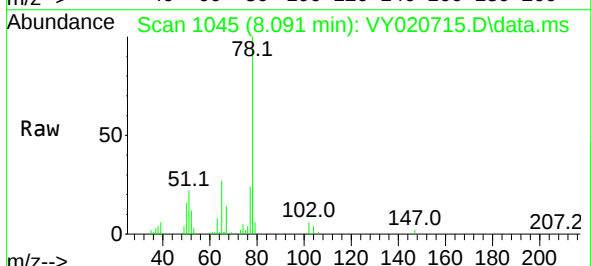
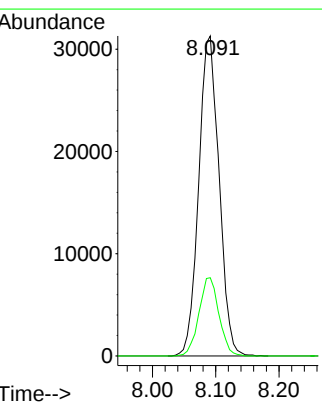
Delta R.T. 0.000 min

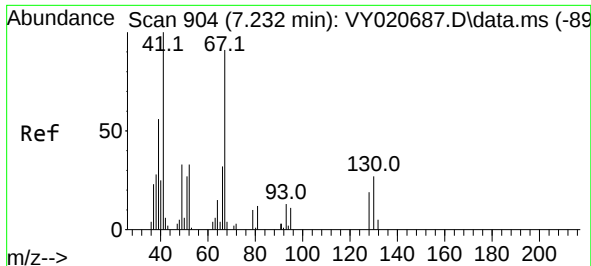
Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Tgt Ion: 78 Resp: 69851

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.2	28.8

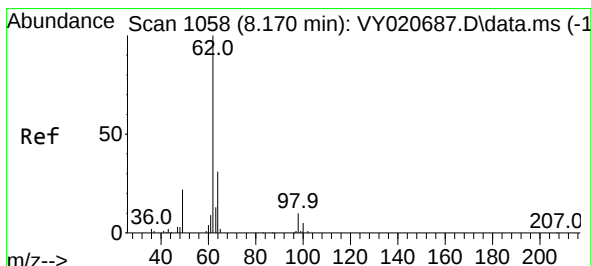
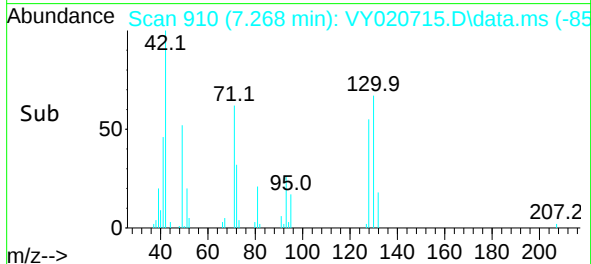
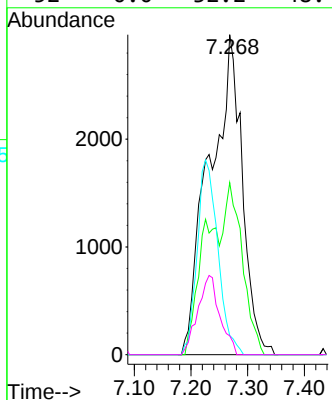
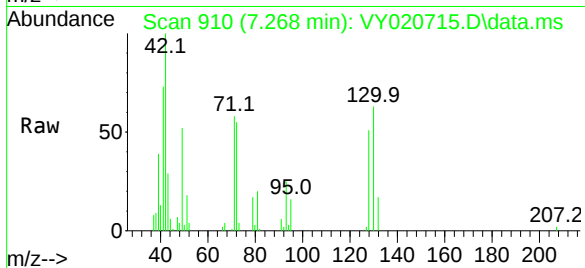




#41
Methacrylonitrile
Concen: 59.194 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.036 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

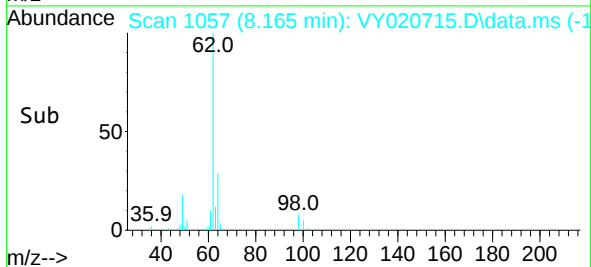
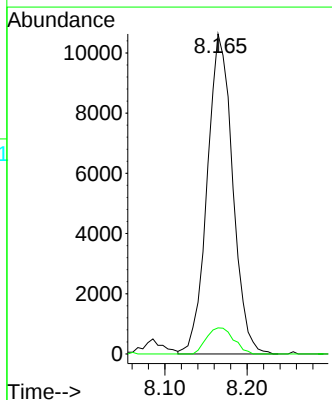
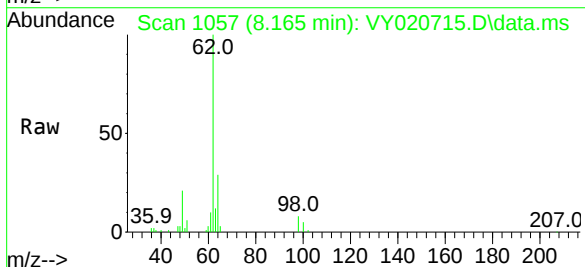
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

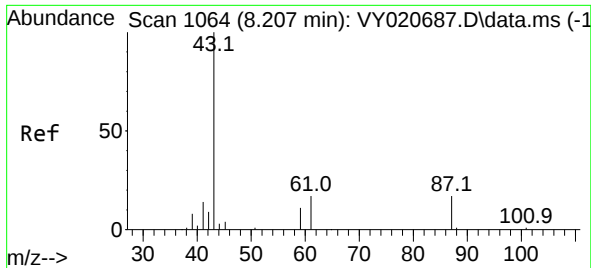
Tgt Ion: 41 Resp: 11882
Ion Ratio Lower Upper
41 100
39 31.3 46.6 70.0#
67 0.0 74.7 112.1#
52 0.0 32.2 48.4#



#42
1,2-Dichloroethane
Concen: 20.396 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 62 Resp: 22857
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.6

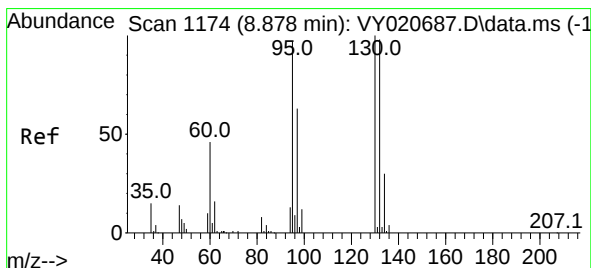
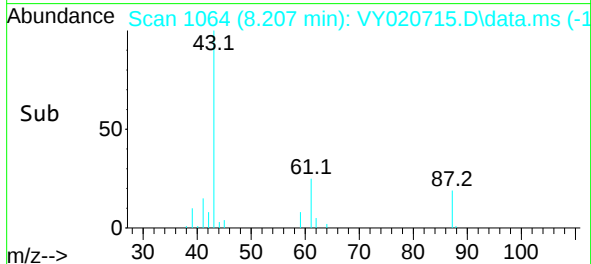
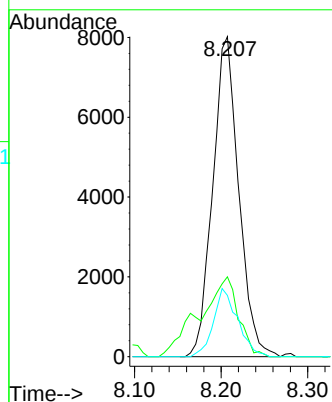
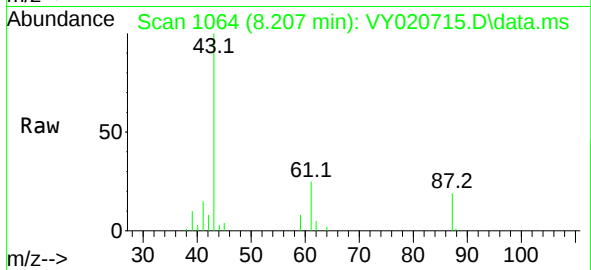




#43
Isopropyl Acetate
Concen: 19.754 ug/l
RT: 8.207 min Scan# 11685
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

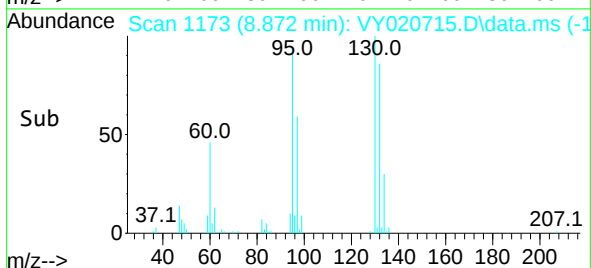
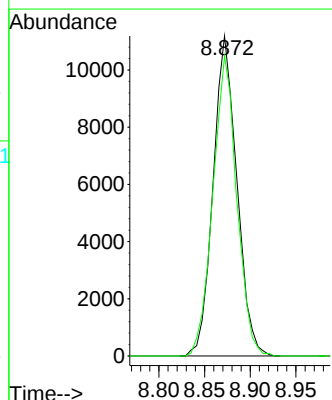
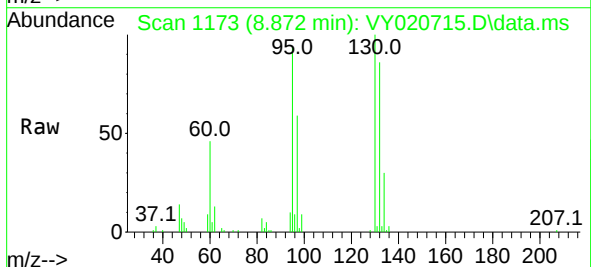
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

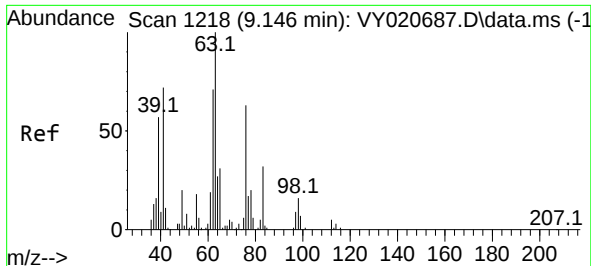
Tgt Ion: 43 Resp: 16685
Ion Ratio Lower Upper
43 100
61 26.3 27.0 40.4#
87 19.9 14.2 21.4



#44
Trichloroethene
Concen: 19.365 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:130 Resp: 20214
Ion Ratio Lower Upper
130 100
95 93.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.891 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

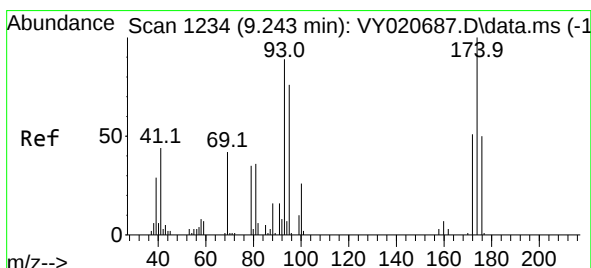
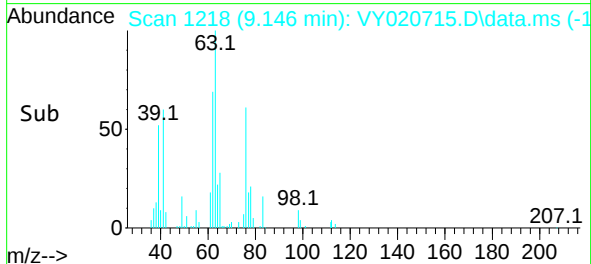
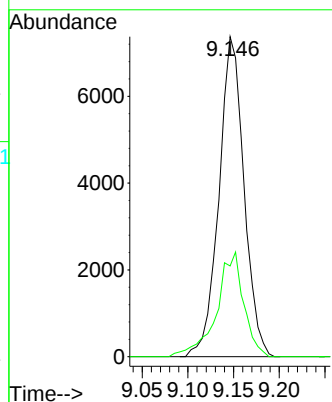
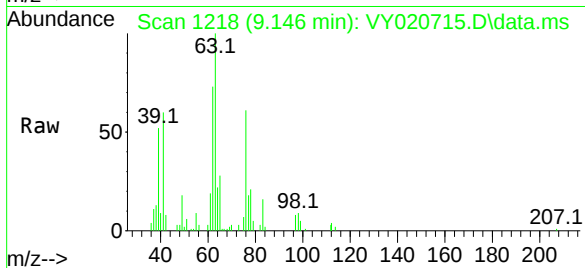
VY1226SBS01

Tgt Ion: 63 Resp: 14072

Ion Ratio Lower Upper

63 100

65 28.3 24.6 36.8



#46

Dibromomethane

Concen: 20.339 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.005 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

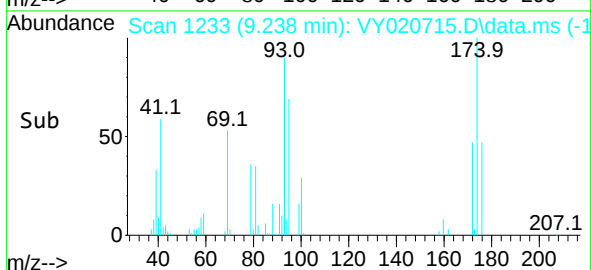
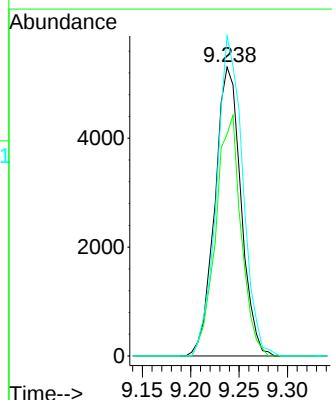
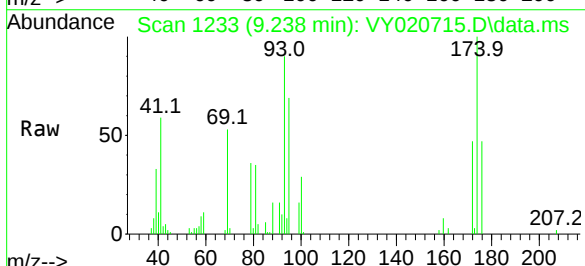
Tgt Ion: 93 Resp: 9956

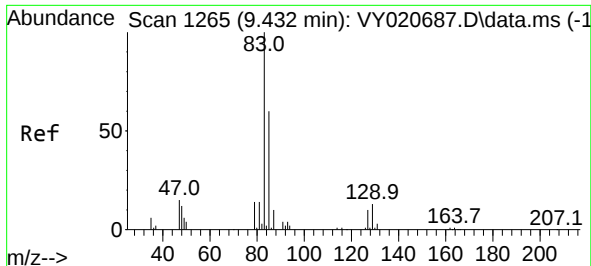
Ion Ratio Lower Upper

93 100

95 80.6 67.8 101.8

174 110.8 89.4 134.0

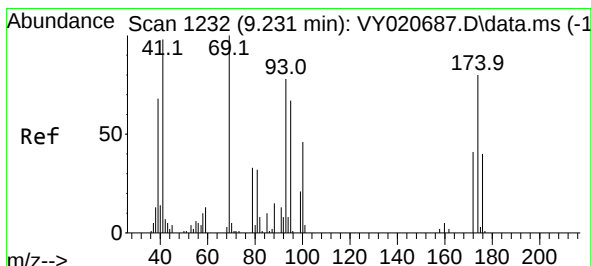
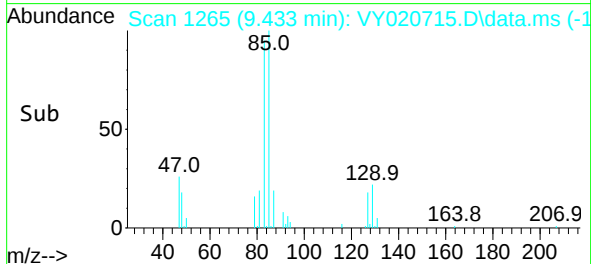
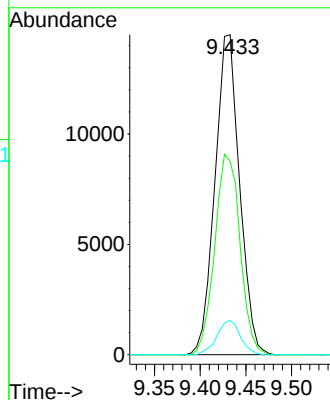
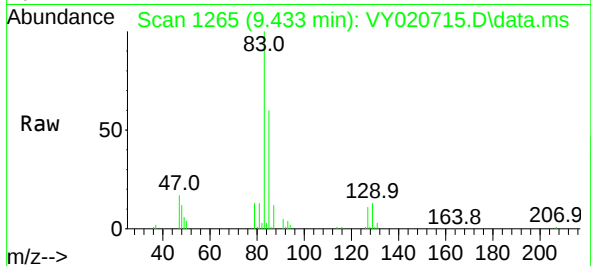




#47
Bromodichloromethane
Concen: 19.608 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

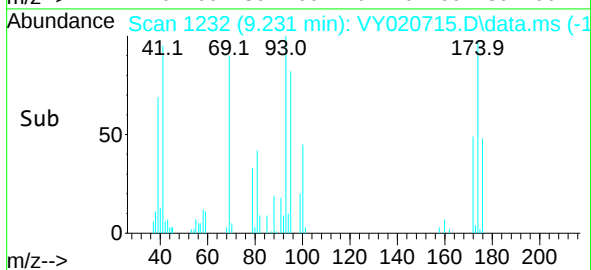
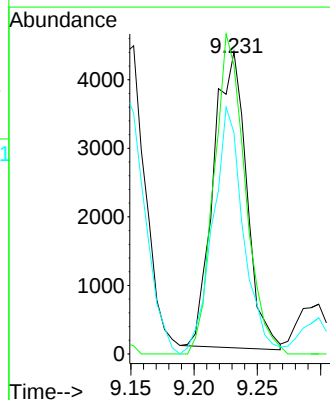
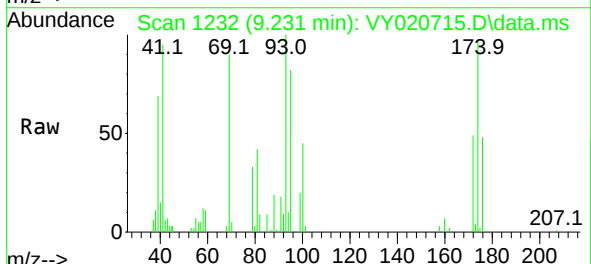
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

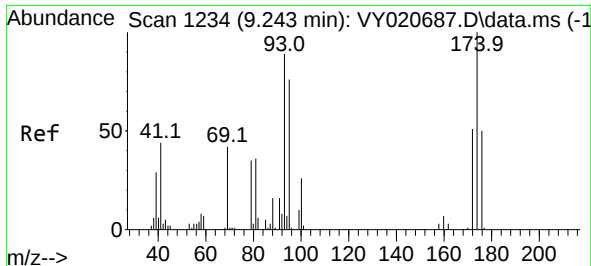
Tgt Ion: 83	Resp:	27211
Ion Ratio	Lower	Upper
83	100	
85	60.4	47.6 71.4
127	10.7	7.9 11.9



#48
Methyl methacrylate
Concen: 19.912 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 41	Resp:	7854	
Ion	Ratio	Lower	Upper
41	100		
69	101.9	83.1	124.7
39	76.9	57.3	85.9

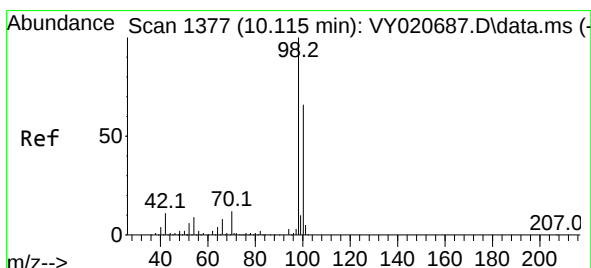
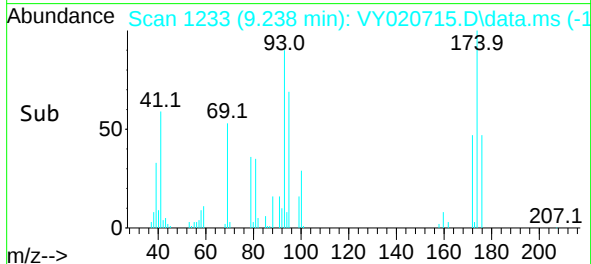
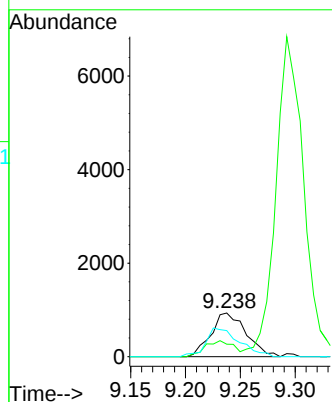
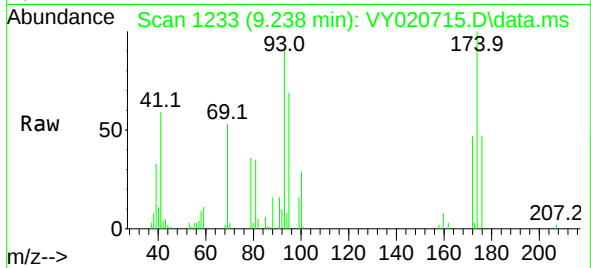




#49
1,4-Dioxane
Concen: 445.671 ug/l
RT: 9.238 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

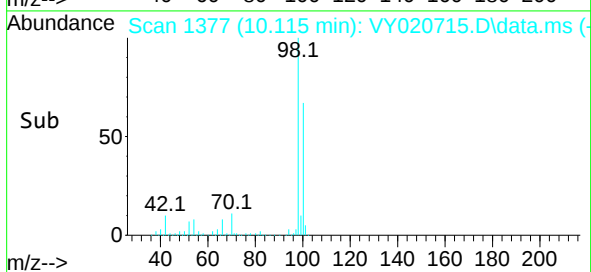
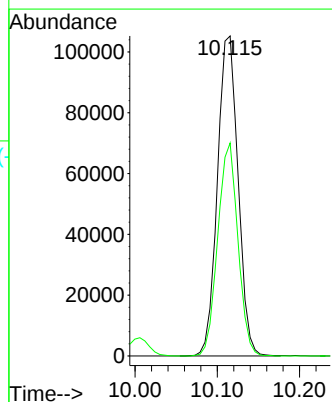
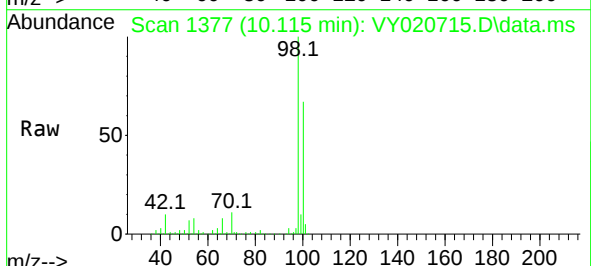
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

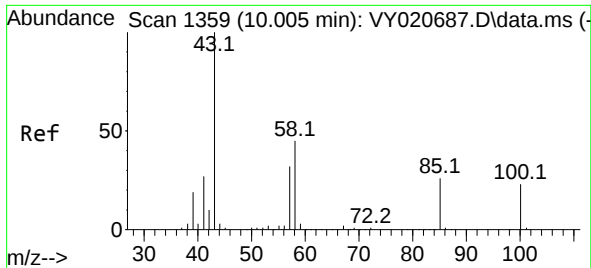
Tgt Ion: 88 Resp: 2078
Ion Ratio Lower Upper
88 100
43 29.7 22.1 33.1
58 62.4 46.7 70.1



#50
Toluene-d8
Concen: 50.606 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 98 Resp: 183793
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

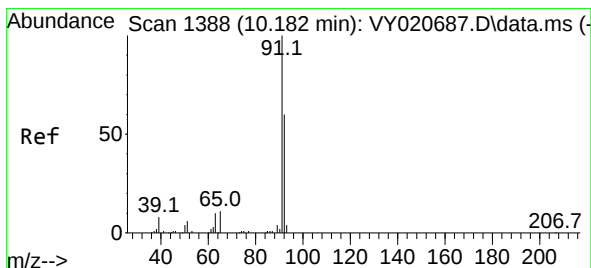
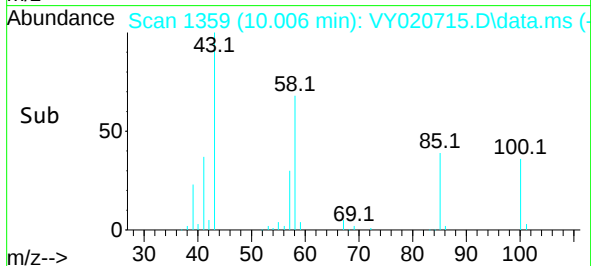
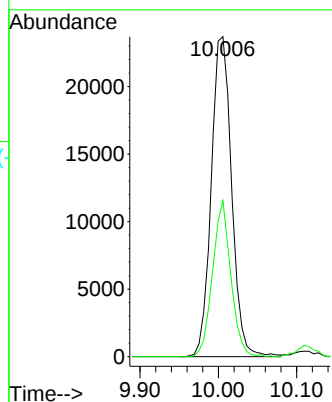
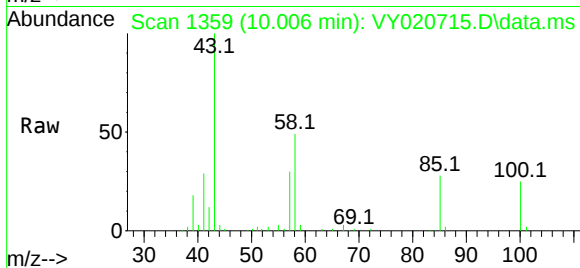




#51
4-Methyl-2-Pentanone
Concen: 105.031 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

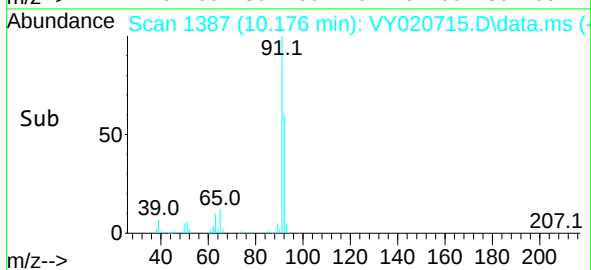
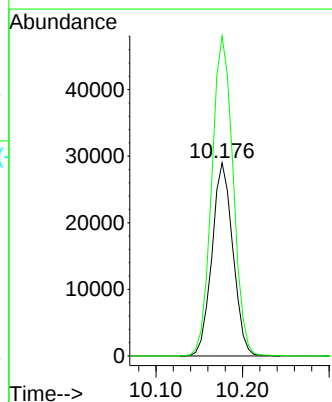
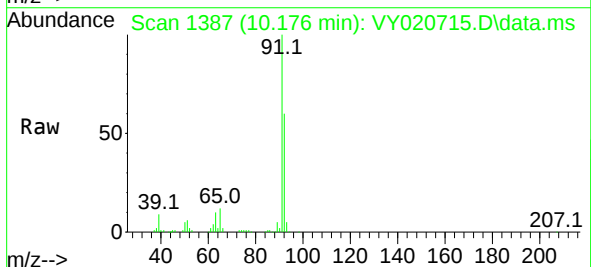
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

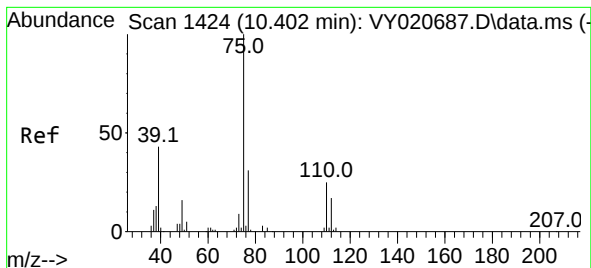
Tgt Ion: 43 Resp: 42819
Ion Ratio Lower Upper
43 100
58 43.7 35.1 52.7



#52
Toluene
Concen: 20.266 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 92 Resp: 48544
Ion Ratio Lower Upper
92 100
91 169.4 137.7 206.5

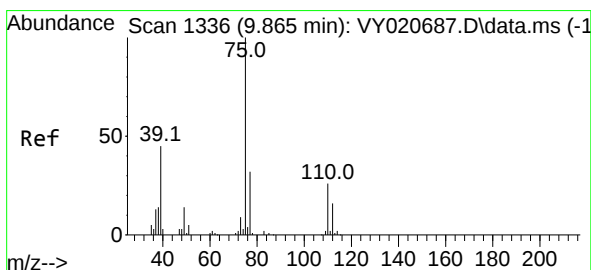
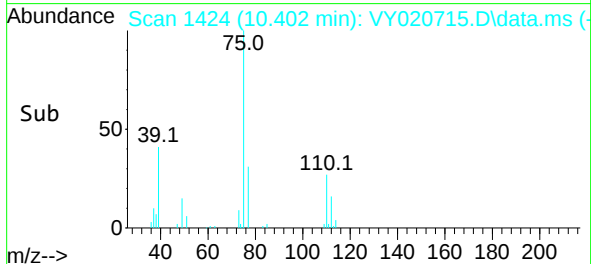
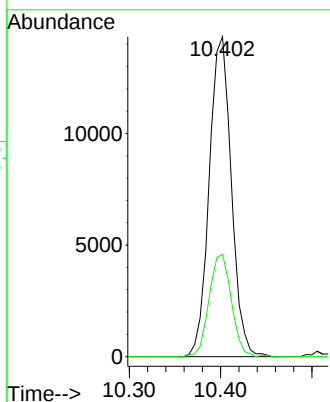
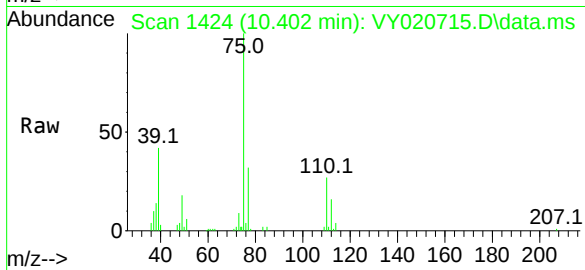




#53
t-1,3-Dichloropropene
Concen: 19.744 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

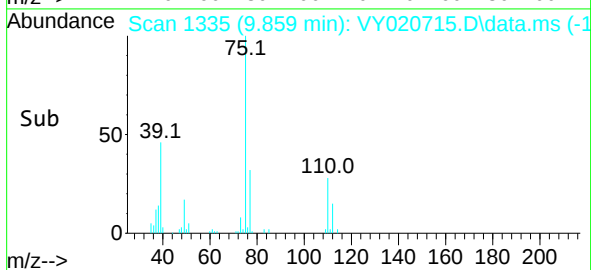
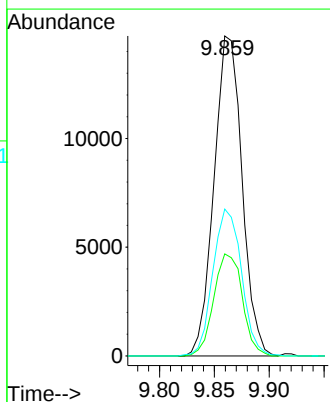
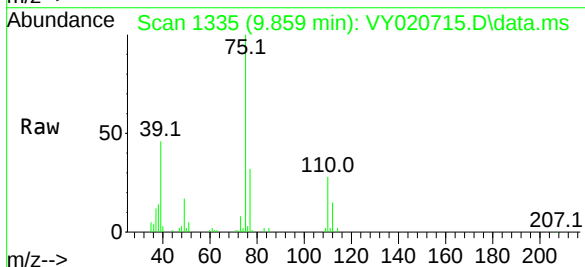
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

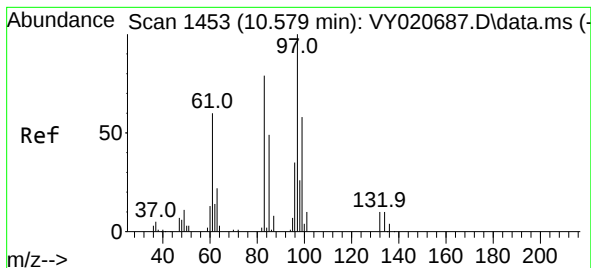
Tgt Ion: 75 Resp: 24065
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.616 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 75 Resp: 26207
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 45.9 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 20.014 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tgt Ion: 97 Resp: 12505

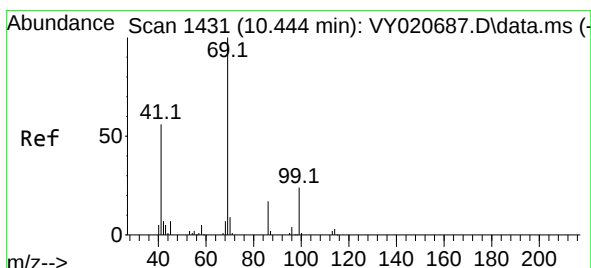
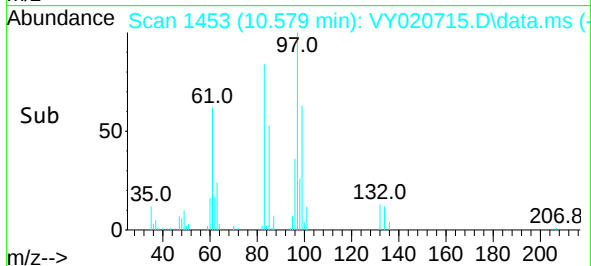
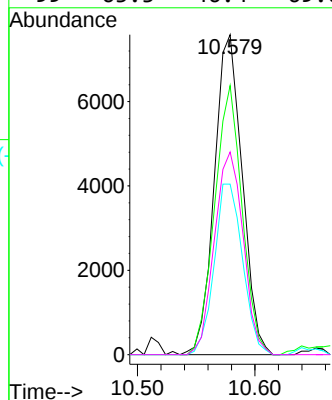
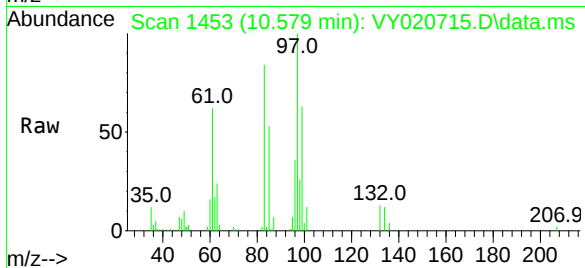
Ion Ratio Lower Upper

97 100

83 84.1 63.1 94.7

85 53.3 39.5 59.3

99 63.3 46.4 69.6



#56

Ethyl methacrylate

Concen: 19.708 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.001 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

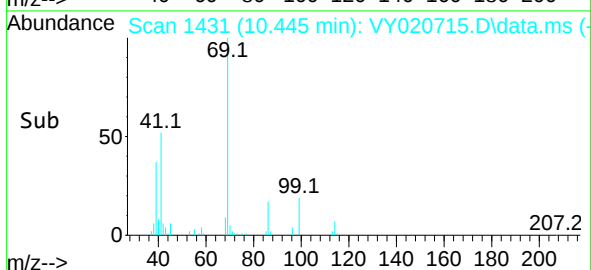
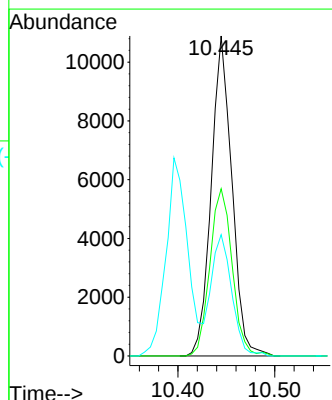
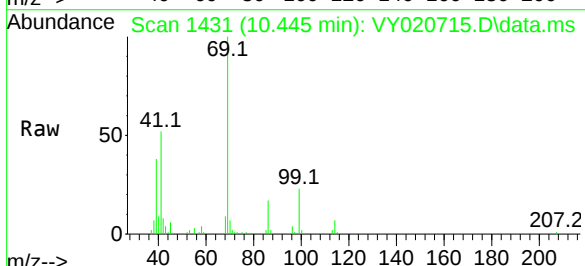
Tgt Ion: 69 Resp: 16177

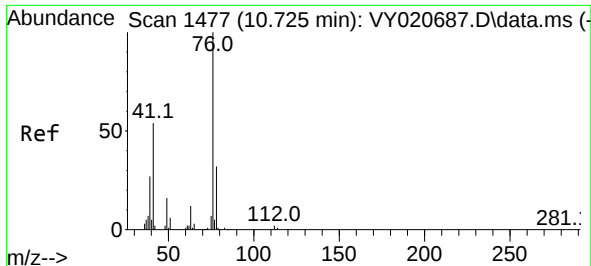
Ion Ratio Lower Upper

69 100

41 56.5 43.8 65.6

39 37.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 21.046 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

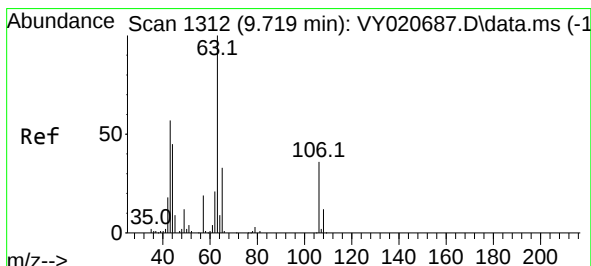
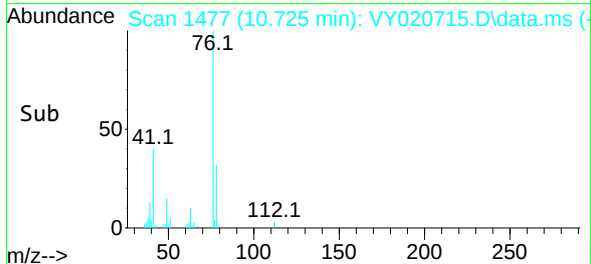
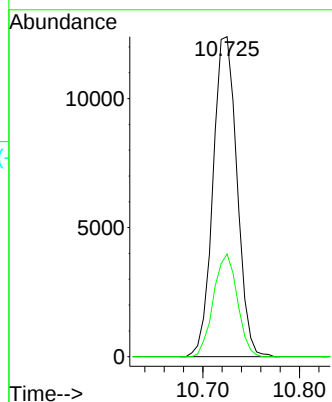
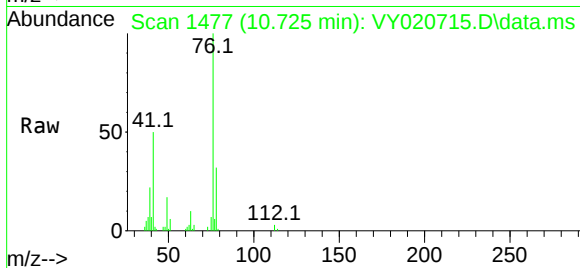
VY1226SBS01

Tgt Ion: 76 Resp: 21343

Ion Ratio Lower Upper

76 100

78 31.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.265 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020715.D

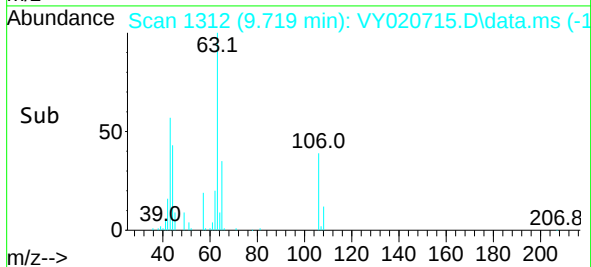
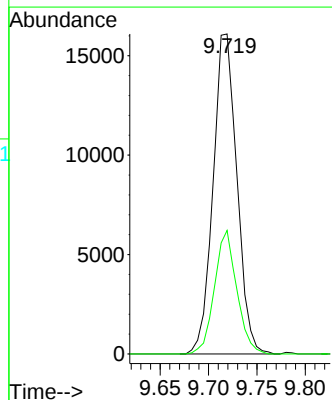
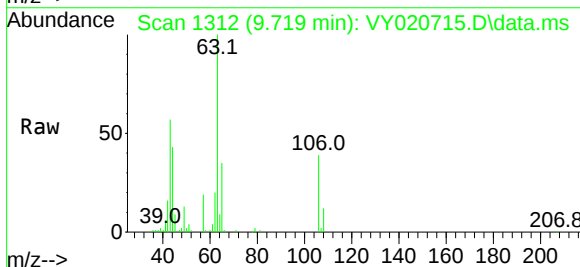
Acq: 26 Dec 2024 14:32

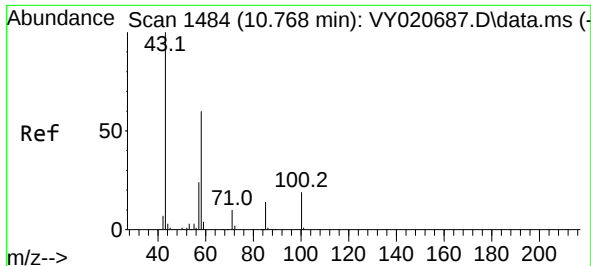
Tgt Ion: 63 Resp: 27555

Ion Ratio Lower Upper

63 100

106 36.1 29.1 43.7

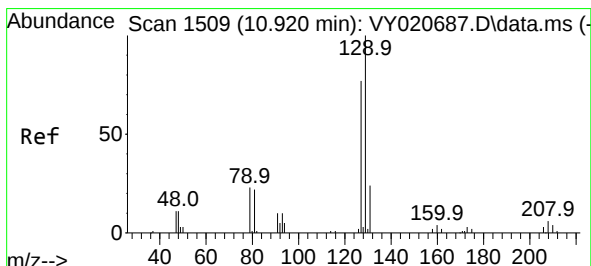
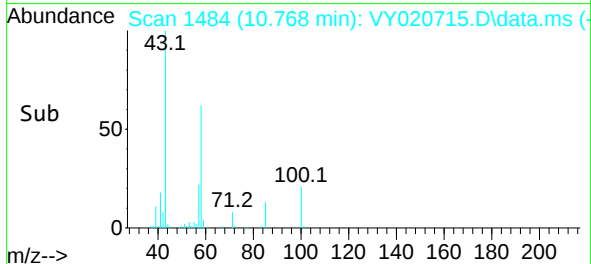
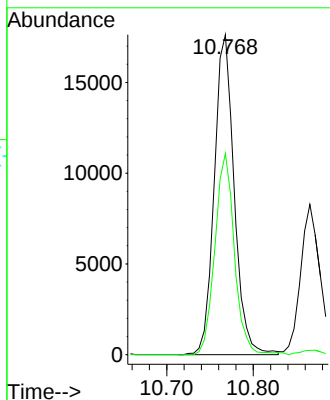
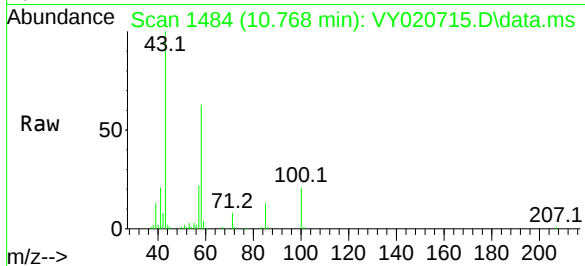




#59
2-Hexanone
Concen: 104.703 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

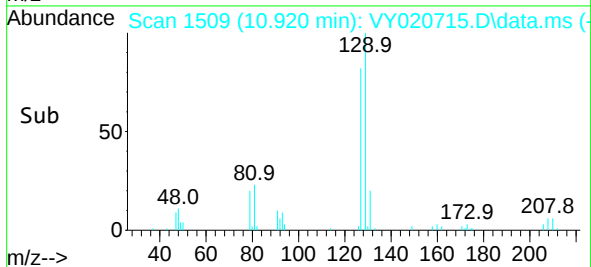
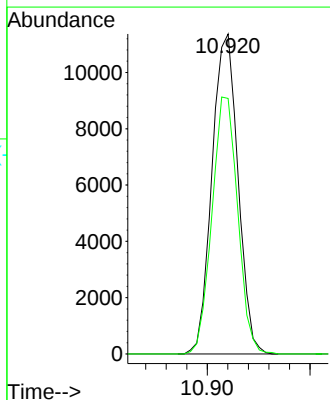
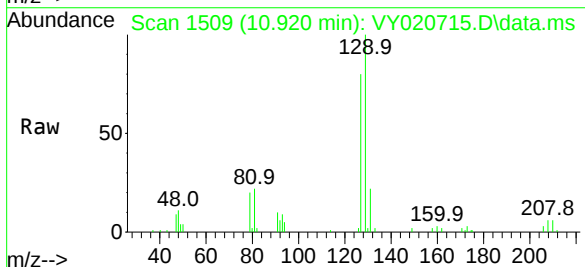
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

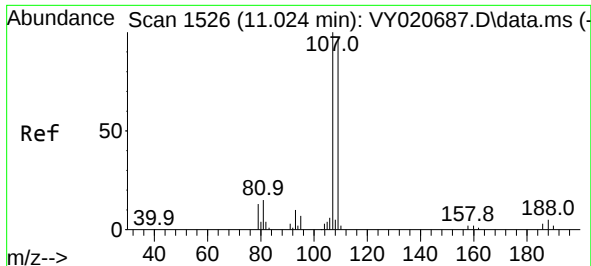
Tgt Ion: 43 Resp: 28183
Ion Ratio Lower Upper
43 100
58 61.5 30.1 90.5



#60
Dibromochloromethane
Concen: 19.763 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 129 Resp: 19953
Ion Ratio Lower Upper
129 100
127 79.5 38.5 115.5

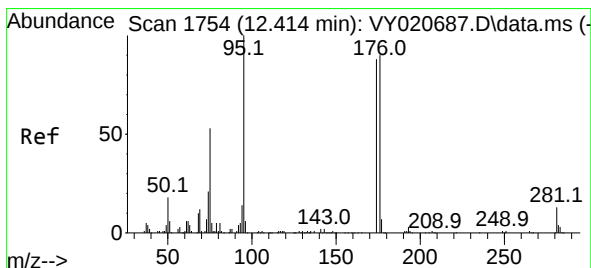
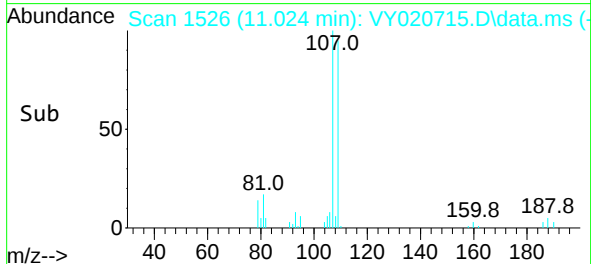
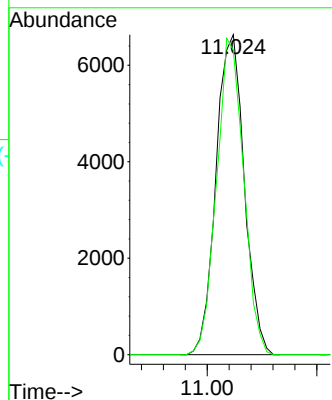
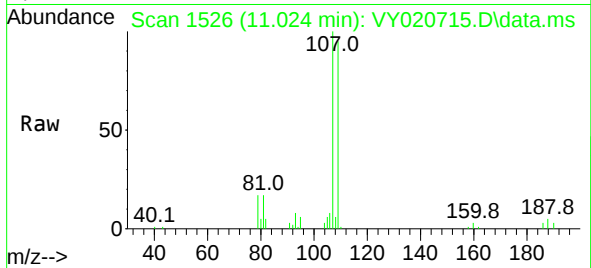




#61
1,2-Dibromoethane
Concen: 20.222 ug/l
RT: 11.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

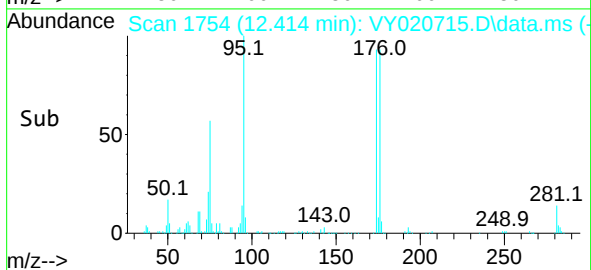
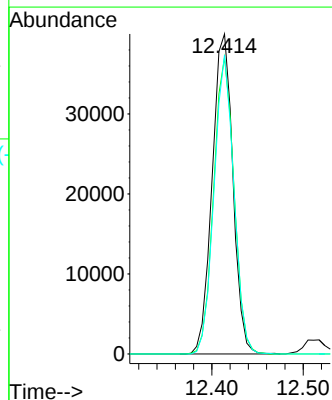
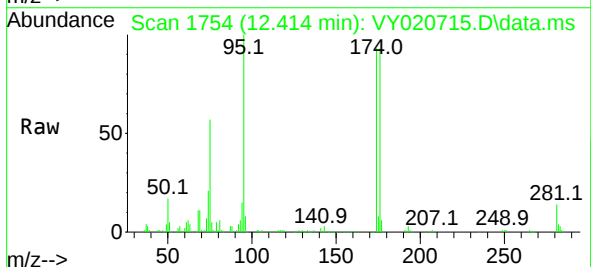
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

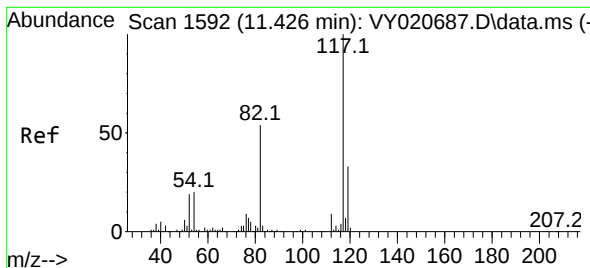
Tgt Ion:107 Resp: 11889
Ion Ratio Lower Upper
107 100
109 94.5 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 51.825 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 95 Resp: 62876
Ion Ratio Lower Upper
95 100
174 91.0 0.0 179.2
176 89.4 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

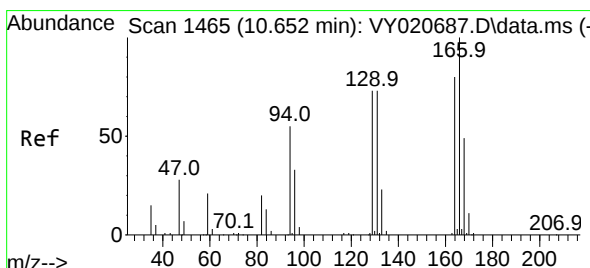
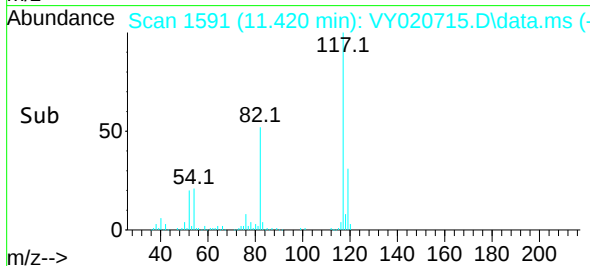
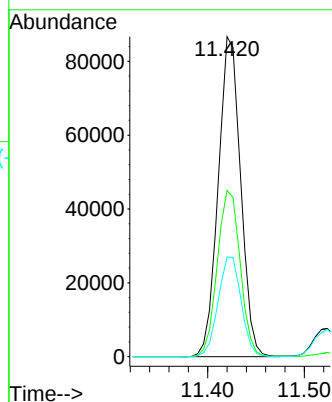
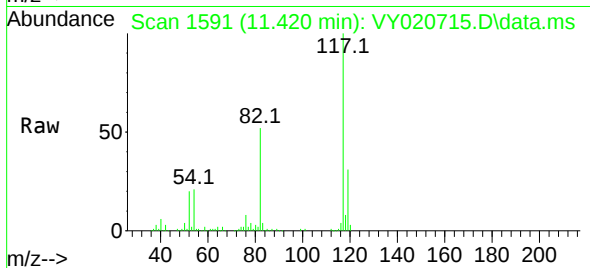
Tgt Ion:117 Resp: 139363

Ion Ratio Lower Upper

117 100

82 52.0 43.4 65.2

119 31.2 26.6 39.8



#64

Tetrachloroethene

Concen: 20.877 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Tgt Ion:164 Resp: 19878

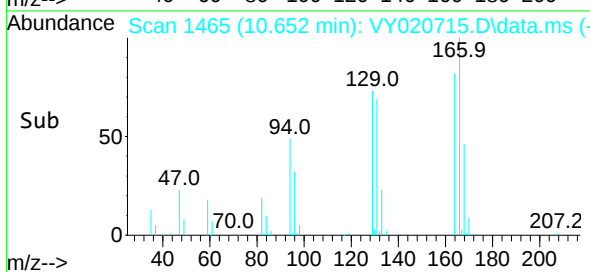
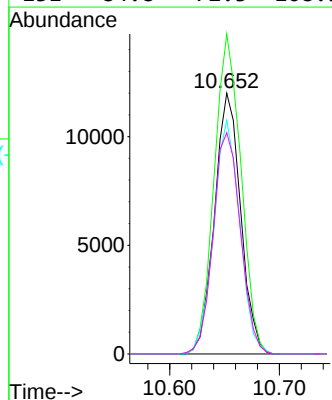
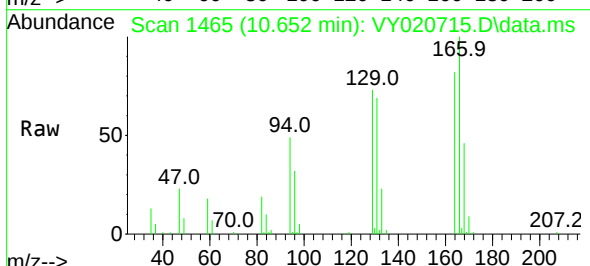
Ion Ratio Lower Upper

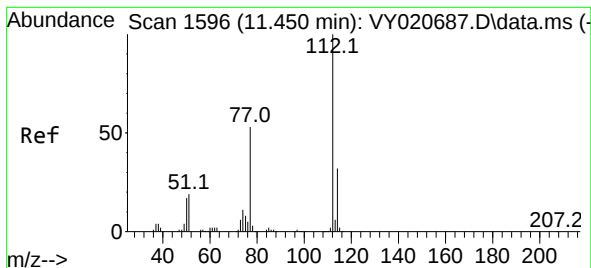
164 100

166 122.7 99.6 149.4

129 89.6 73.0 109.4

131 84.8 72.3 108.5





#65

Chlorobenzene

Concen: 19.832 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

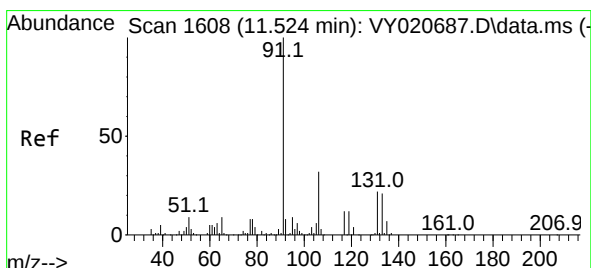
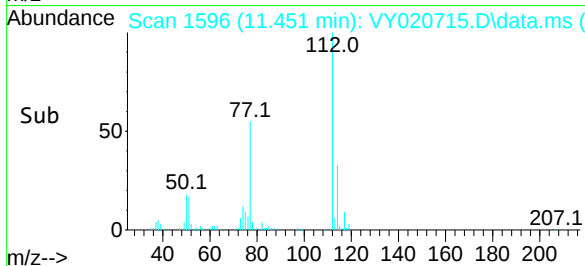
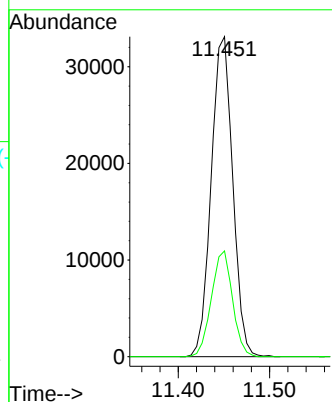
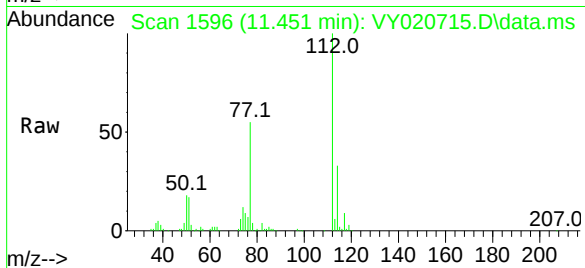
VY1226SBS01

Tgt Ion:112 Resp: 54119

Ion Ratio Lower Upper

112 100

114 33.1 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.493 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

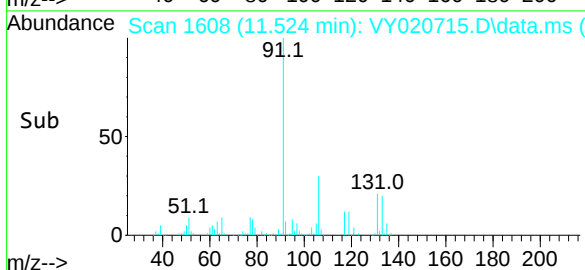
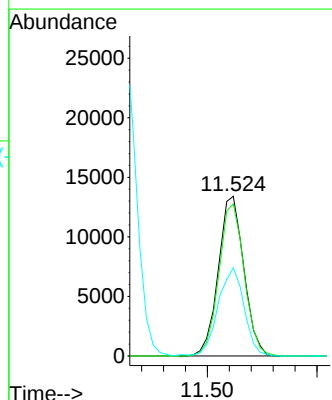
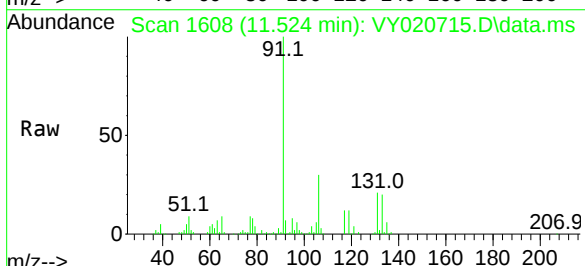
Tgt Ion:131 Resp: 21666

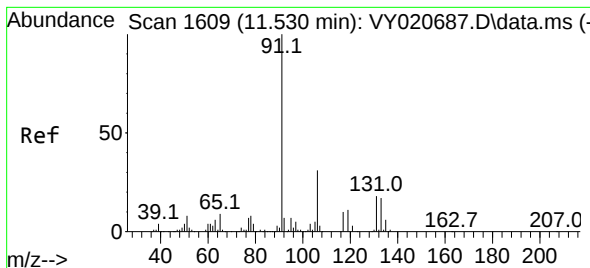
Ion Ratio Lower Upper

131 100

133 94.5 48.6 145.9

119 56.2 28.4 85.3





#67

Ethyl Benzene

Concen: 20.244 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

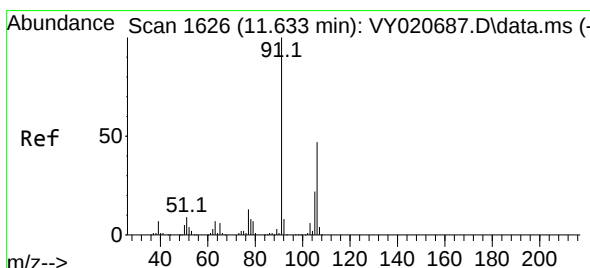
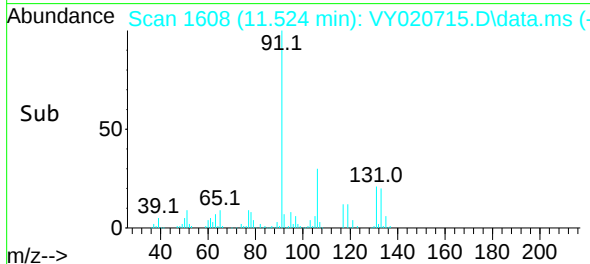
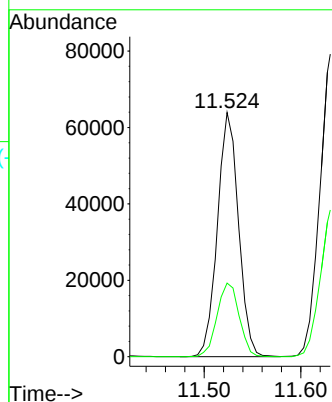
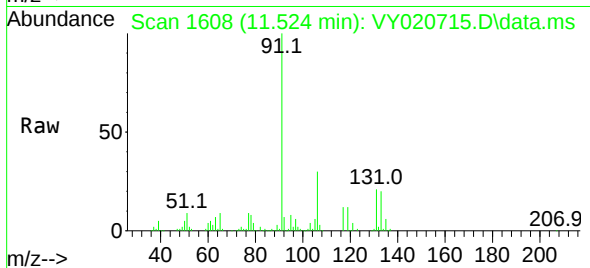
VY1226SBS01

Tgt Ion: 91 Resp: 96550

Ion Ratio Lower Upper

91 100

106 30.2 24.5 36.7



#68

m/p-Xylenes

Concen: 41.573 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020715.D

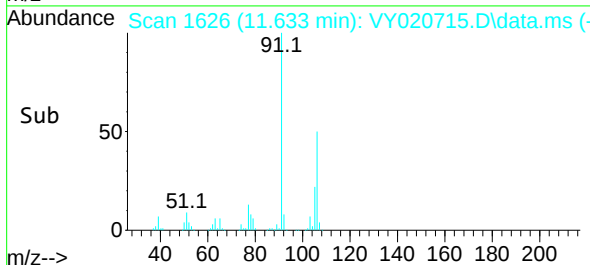
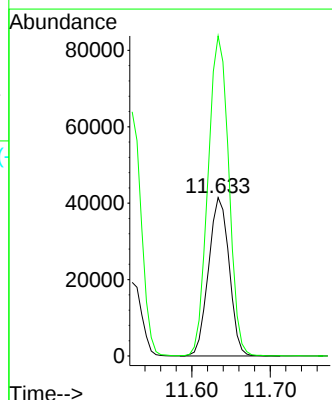
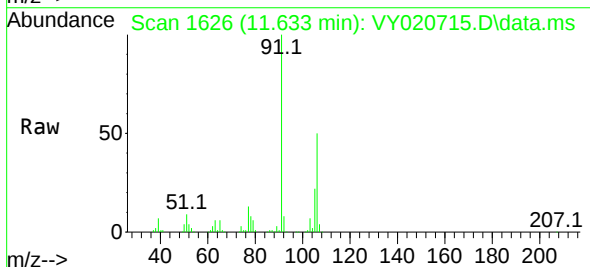
Acq: 26 Dec 2024 14:32

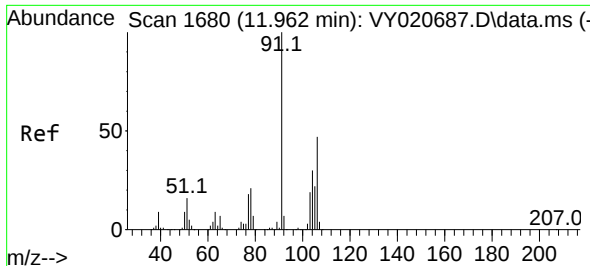
Tgt Ion:106 Resp: 75635

Ion Ratio Lower Upper

106 100

91 204.2 166.6 250.0

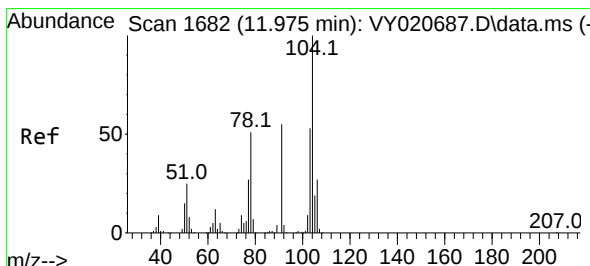
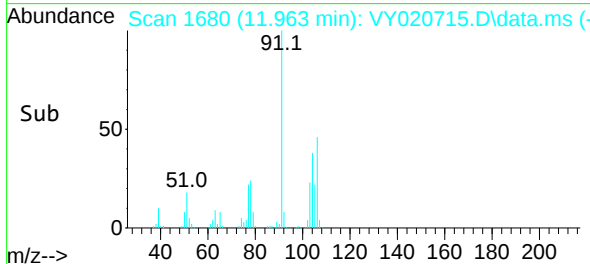
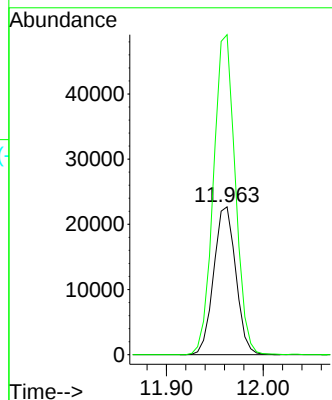
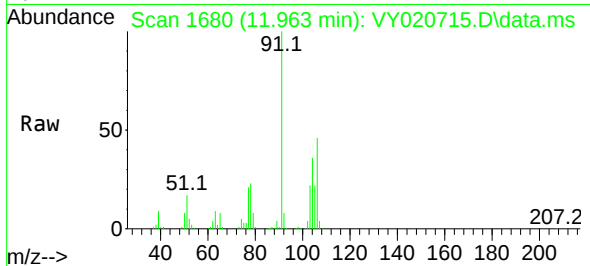




#69
o-Xylene
Concen: 20.693 ug/l
RT: 11.963 min Scan# 1196
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

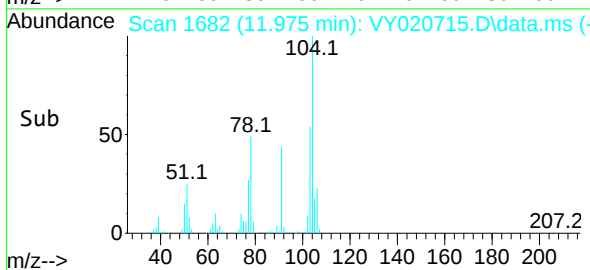
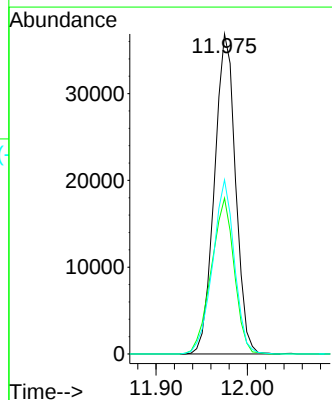
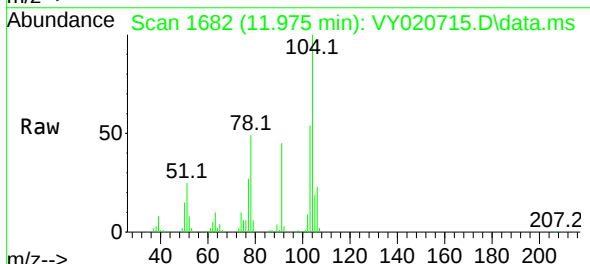
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

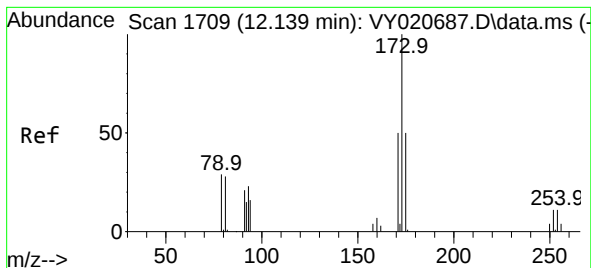
Tgt Ion:106 Resp: 35970
Ion Ratio Lower Upper
106 100
91 213.9 108.6 325.8



#70
Styrene
Concen: 20.228 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:104 Resp: 59026
Ion Ratio Lower Upper
104 100
78 53.0 43.0 64.4
103 56.3 44.4 66.6





#71

Bromoform

Concen: 20.623 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

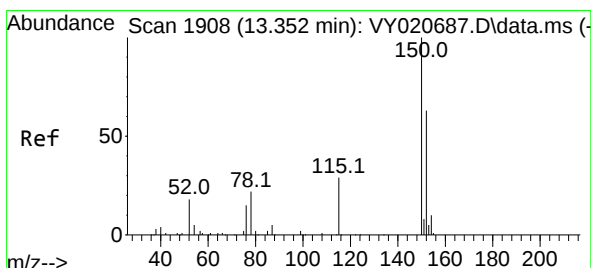
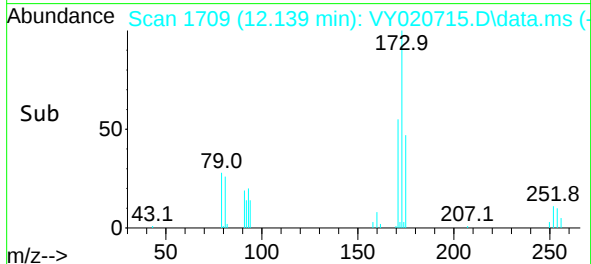
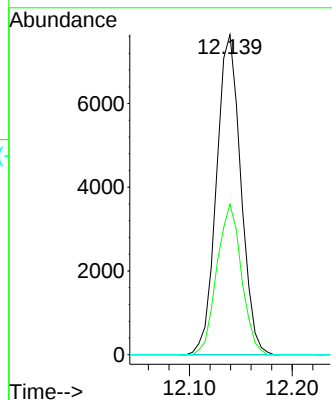
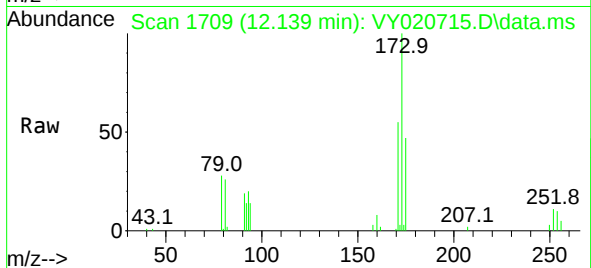
Tgt Ion:173 Resp: 12535

Ion Ratio Lower Upper

173 100

175 47.5 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: VY020715.D

Acq: 26 Dec 2024 14:32

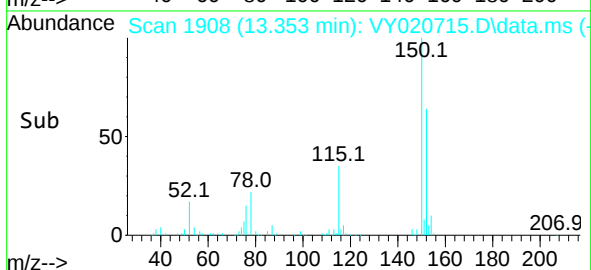
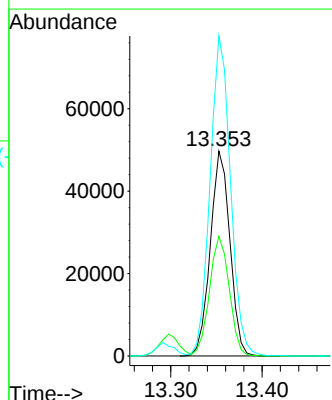
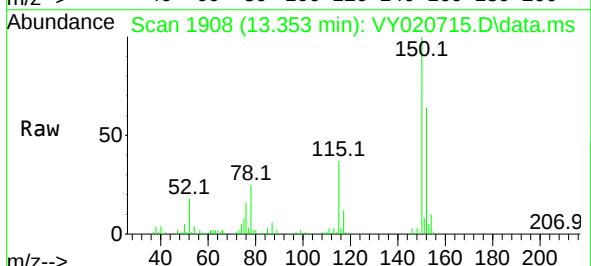
Tgt Ion:152 Resp: 74040

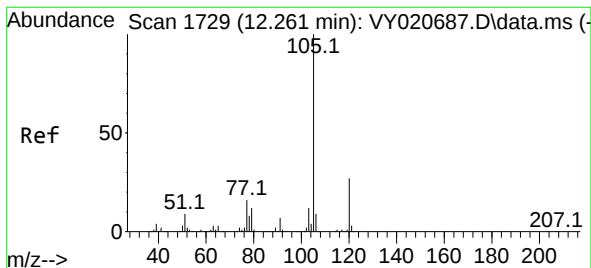
Ion Ratio Lower Upper

152 100

115 58.7 30.3 90.9

150 162.5 0.0 349.0





#73

Isopropylbenzene

Concen: 19.780 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

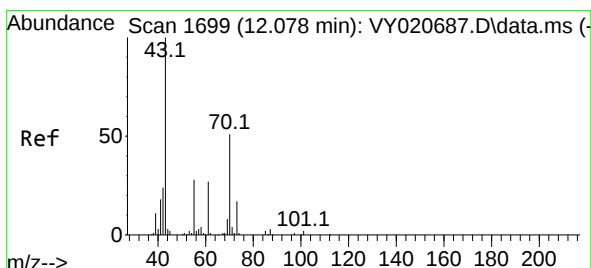
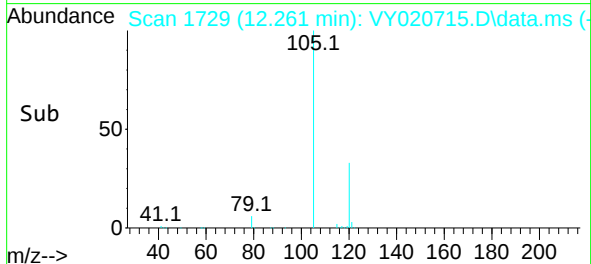
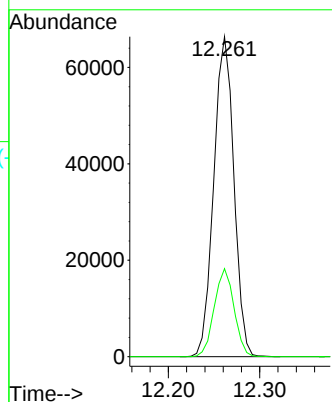
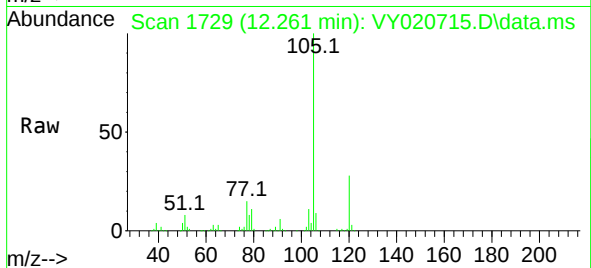
VY1226SBS01

Tgt Ion:105 Resp: 101462

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 20.191 ug/l

RT: 12.079 min Scan# 1699

Delta R.T. 0.001 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 14718

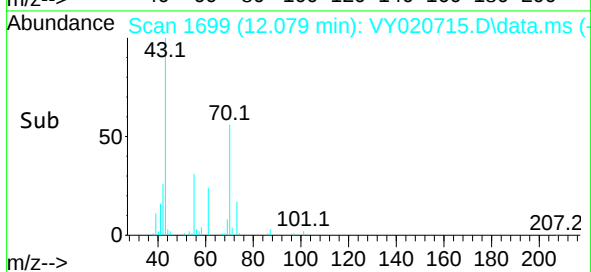
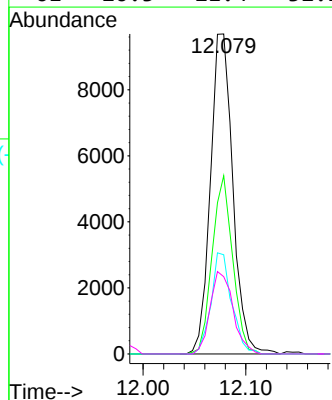
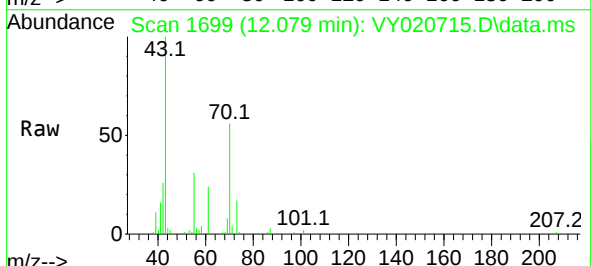
Ion Ratio Lower Upper

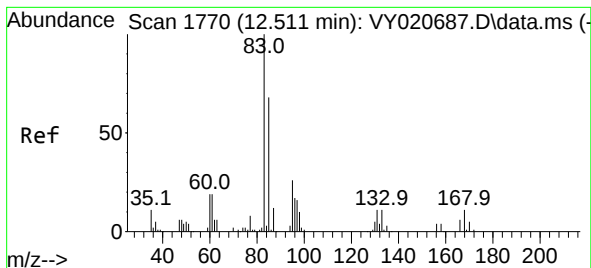
43 100

70 50.8 39.7 59.5

55 29.3 21.5 32.3

61 26.3 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.903 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

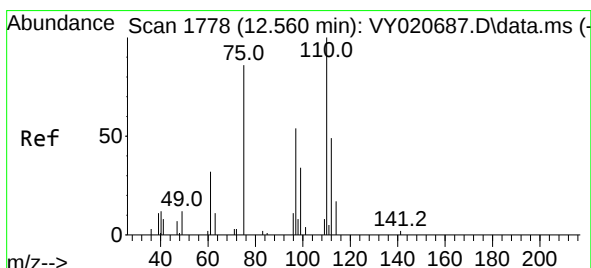
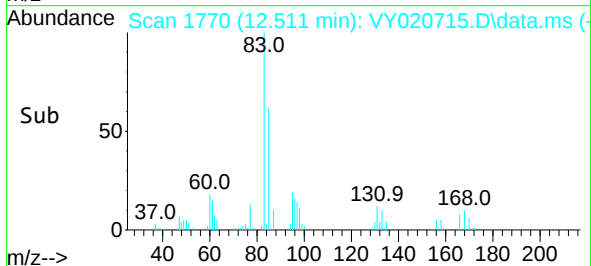
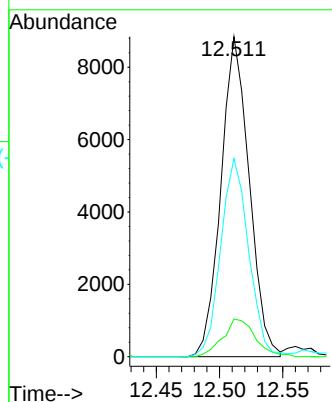
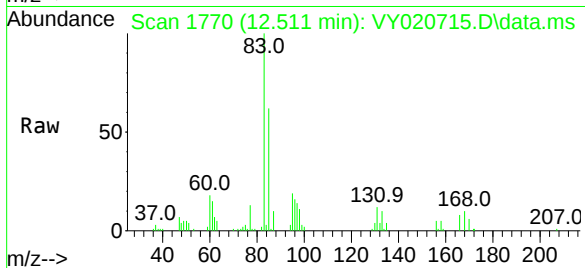
Tgt Ion: 83 Resp: 13746

Ion Ratio Lower Upper

83 100

131 13.5 6.9 20.7

85 61.3 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 40.896 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020715.D

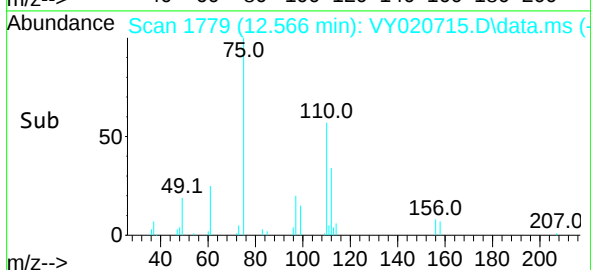
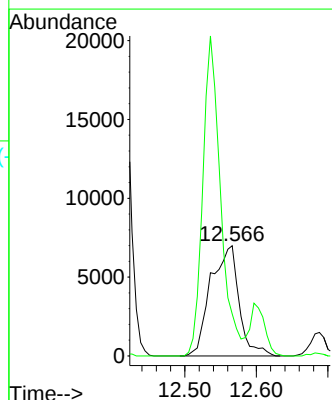
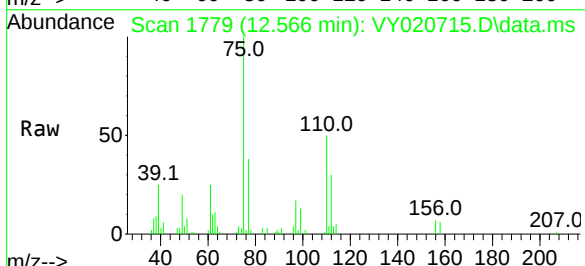
Acq: 26 Dec 2024 14:32

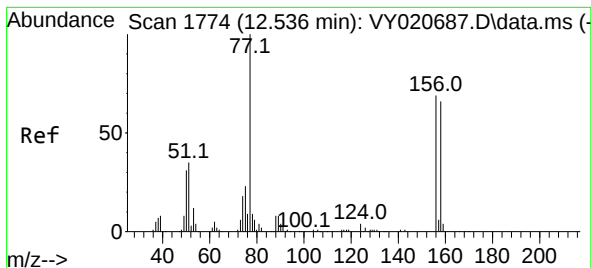
Tgt Ion: 75 Resp: 19258

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.276 ug/l

RT: 12.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

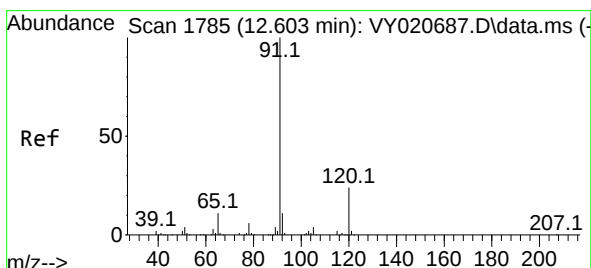
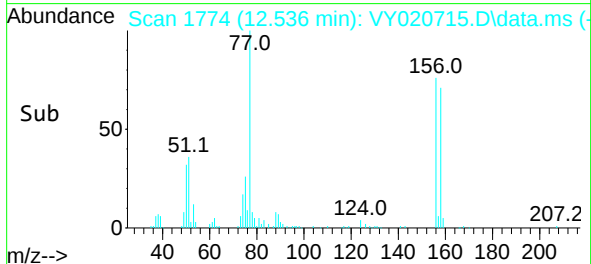
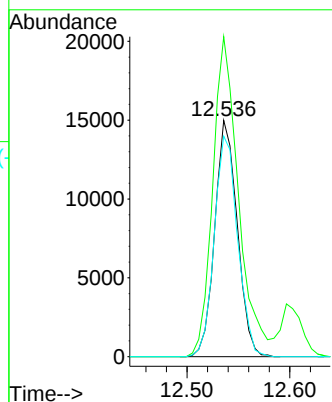
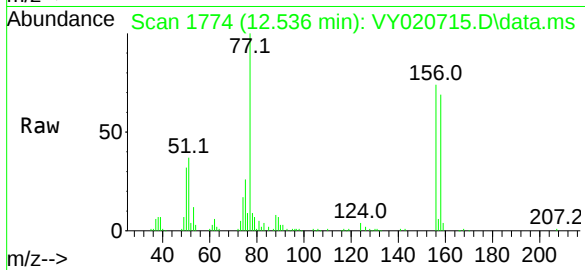
Tgt Ion:156 Resp: 22761

Ion Ratio Lower Upper

156 100

77 154.2 78.3 235.0

158 97.1 48.3 144.9



#78

n-propylbenzene

Concen: 19.993 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020715.D

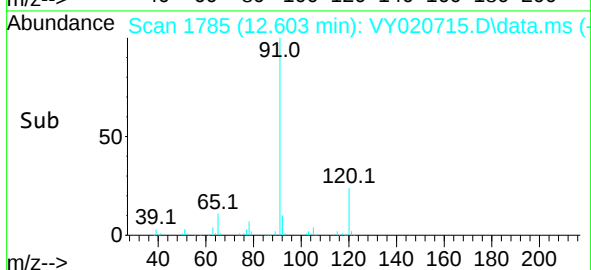
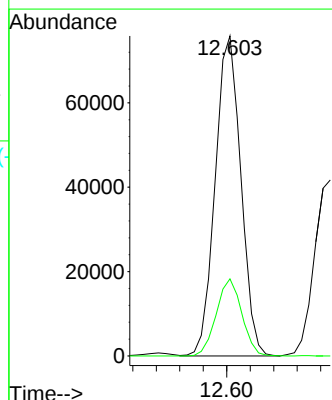
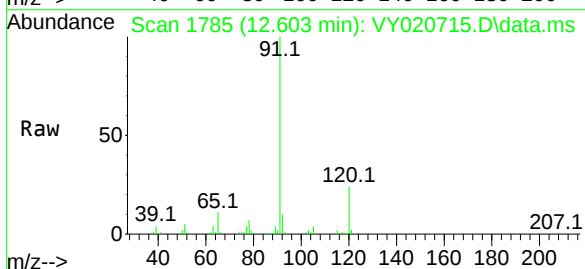
Acq: 26 Dec 2024 14:32

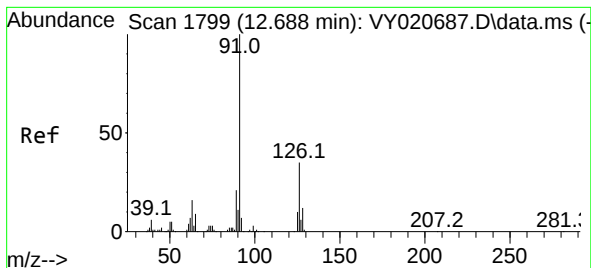
Tgt Ion: 91 Resp: 114949

Ion Ratio Lower Upper

91 100

120 23.9 12.3 36.8

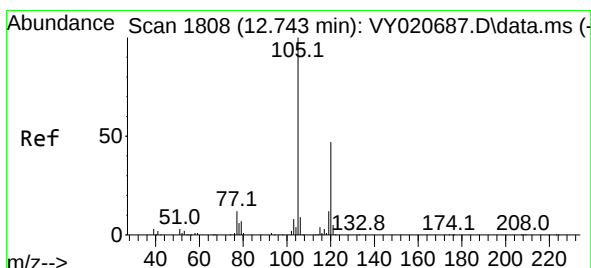
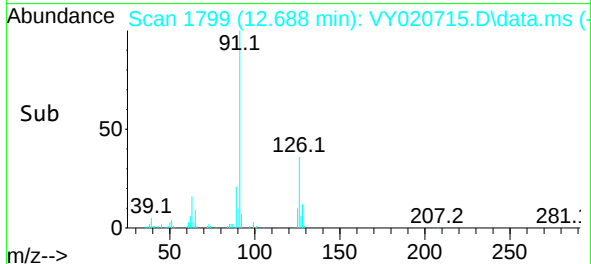
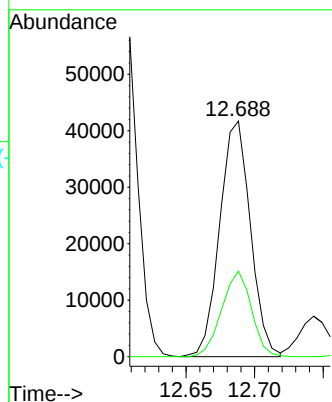
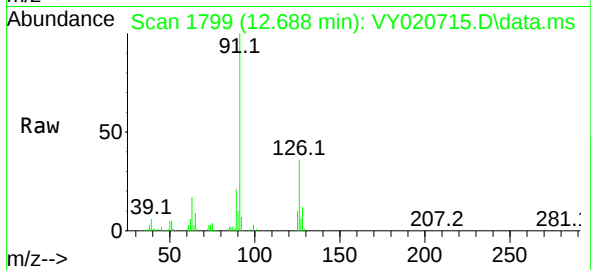




#79
2-Chlorotoluene
Concen: 19.862 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

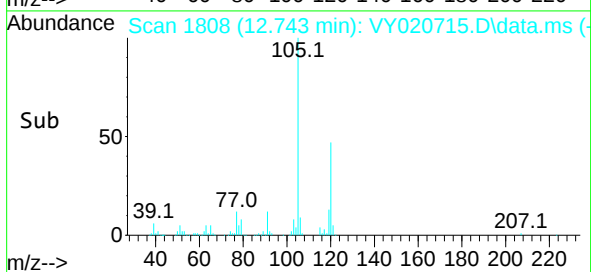
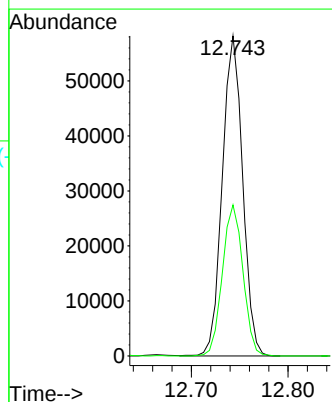
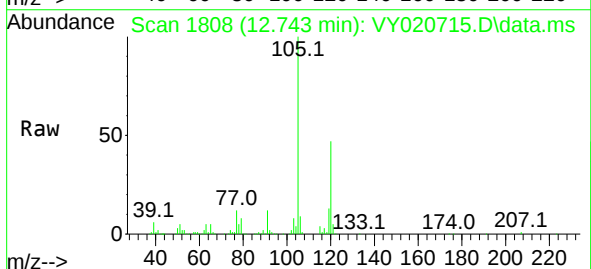
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

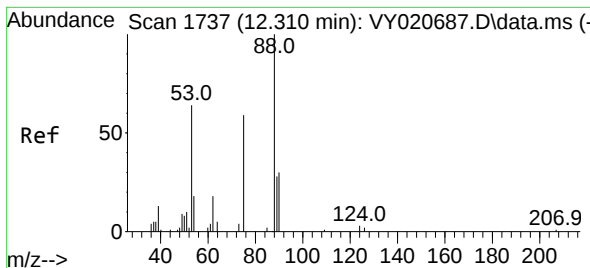
Tgt Ion: 91 Resp: 65099
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 19.855 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 105 Resp: 84854
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.7

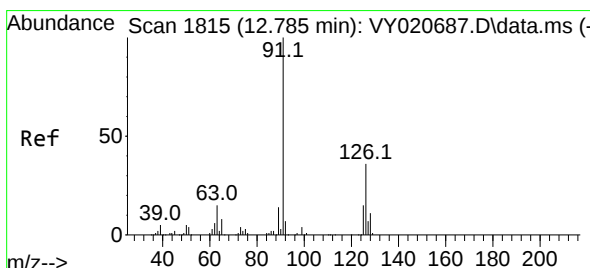
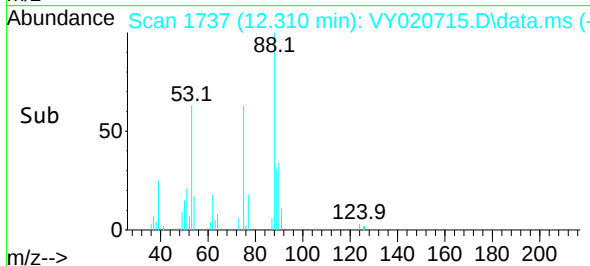
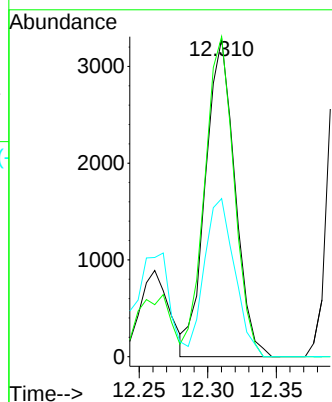
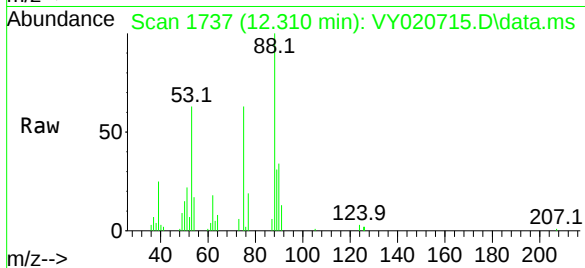




#81
trans-1,4-Dichloro-2-butene
Concen: 20.601 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

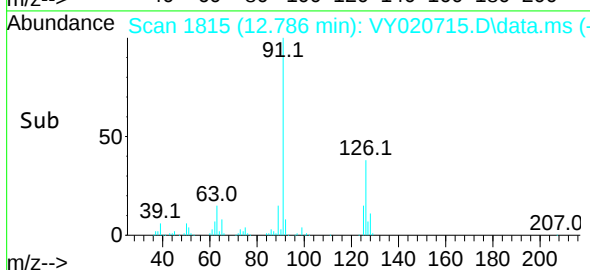
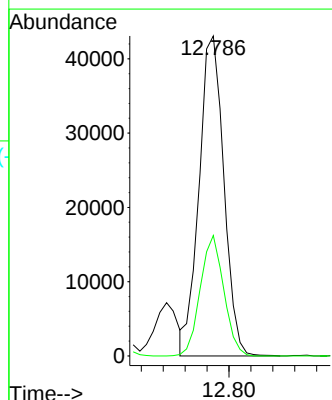
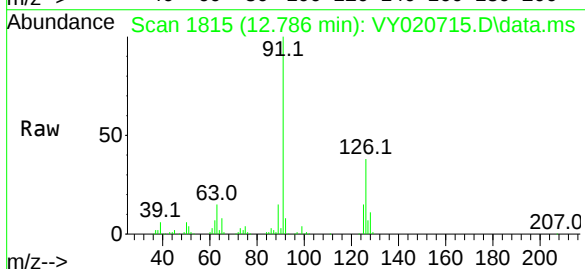
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

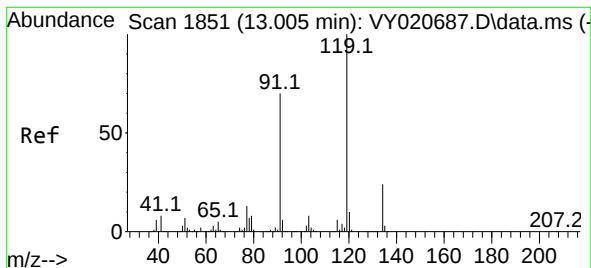
Tgt Ion: 75 Resp: 4908
Ion Ratio Lower Upper
75 100
53 100.3 83.1 124.7
89 50.8 40.6 61.0



#82
4-Chlorotoluene
Concen: 19.951 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 91 Resp: 67579
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.5





#83

tert-Butylbenzene

Concen: 19.784 ug/l

RT: 13.005 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

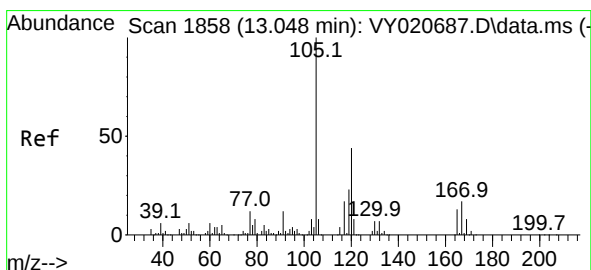
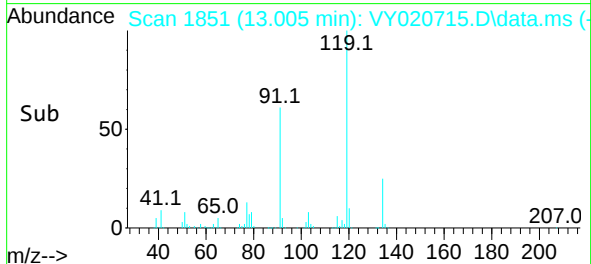
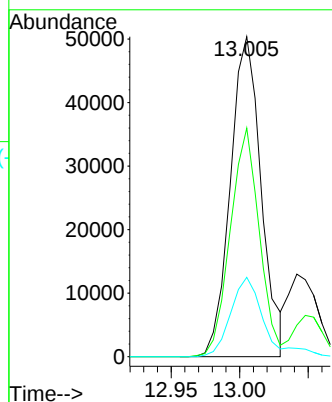
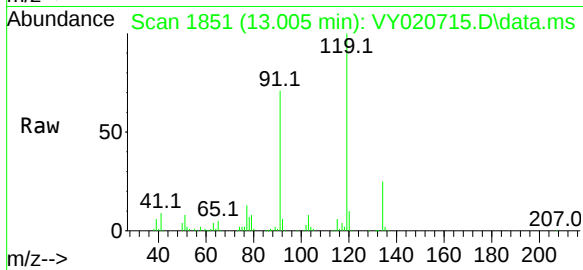
Tgt Ion:119 Resp: 78963

Ion Ratio Lower Upper

119 100

91 67.1 33.6 100.8

134 26.7 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 20.030 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020715.D

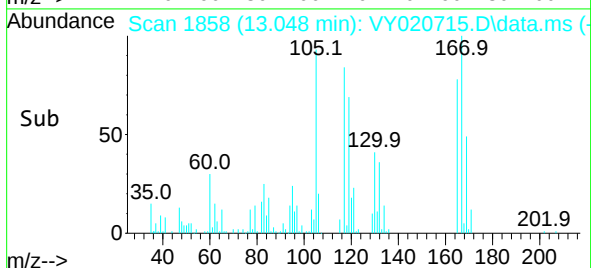
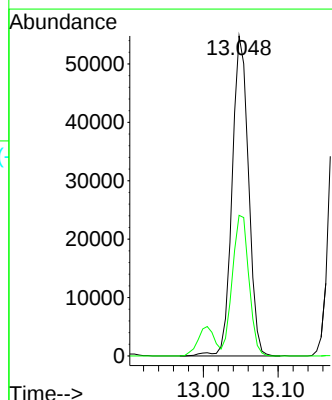
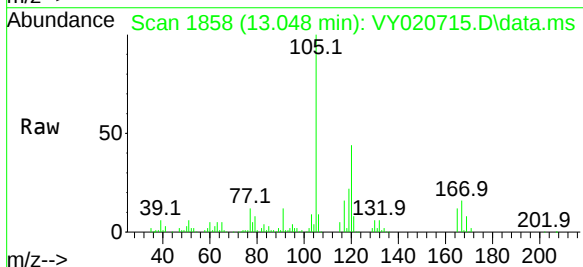
Acq: 26 Dec 2024 14:32

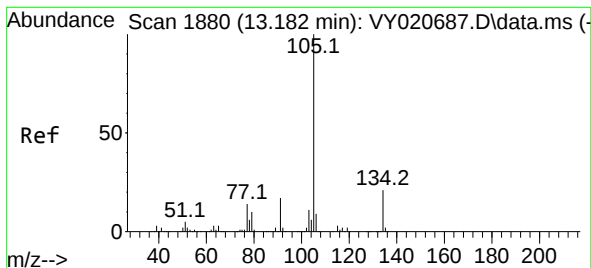
Tgt Ion:105 Resp: 83301

Ion Ratio Lower Upper

105 100

120 44.5 21.8 65.3





#85

sec-Butylbenzene

Concen: 19.960 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

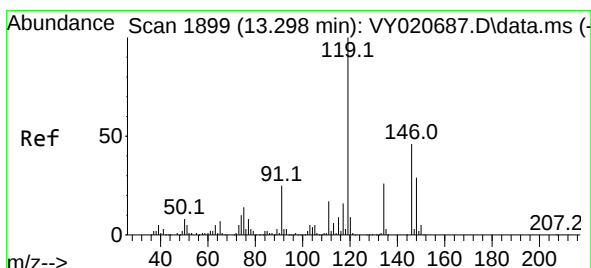
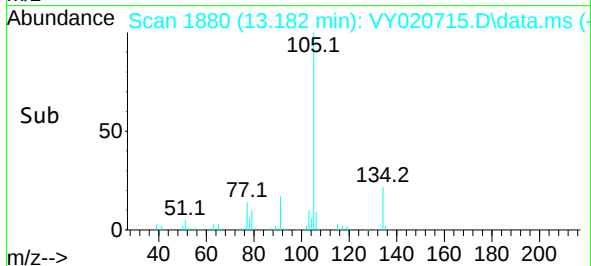
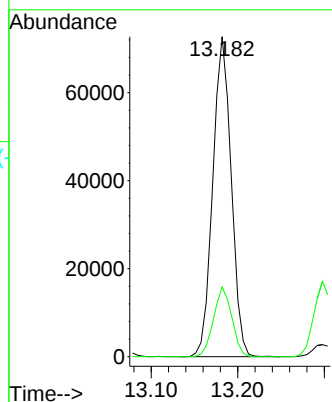
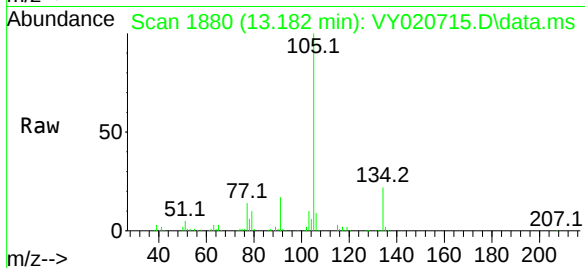
VY1226SBS01

Tgt Ion:105 Resp: 107364

Ion Ratio Lower Upper

105 100

134 21.5 10.7 32.1



#86

p-Isopropyltoluene

Concen: 19.792 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

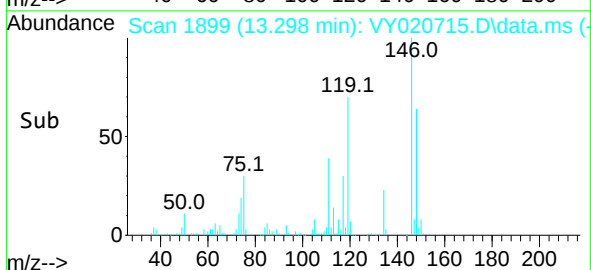
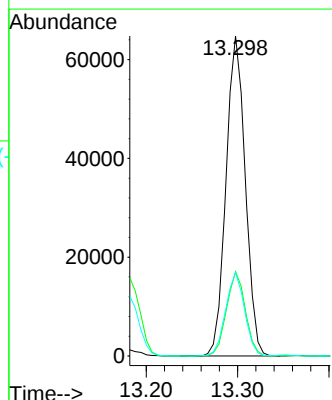
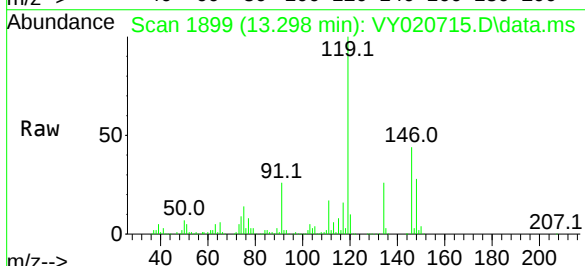
Tgt Ion:119 Resp: 94876

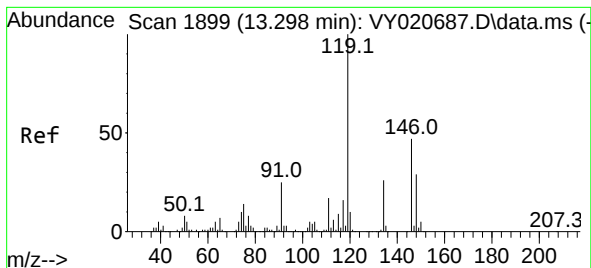
Ion Ratio Lower Upper

119 100

134 25.7 13.4 40.2

91 25.7 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 19.696 ug/l

RT: 13.292 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

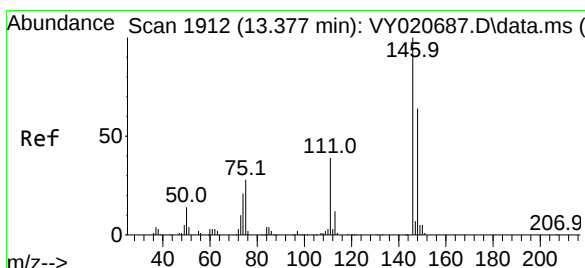
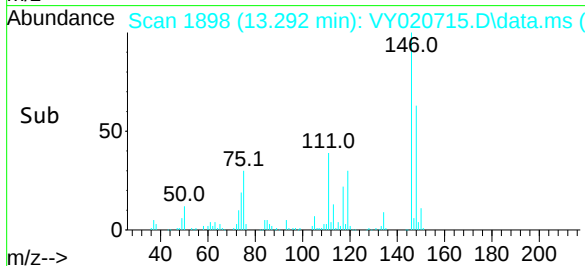
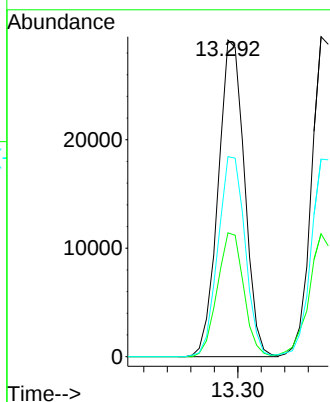
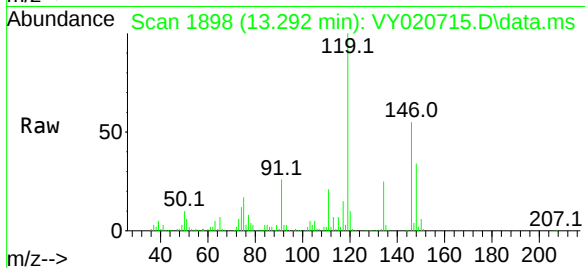
Tgt Ion:146 Resp: 45455

Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.8

148 64.9 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 19.948 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

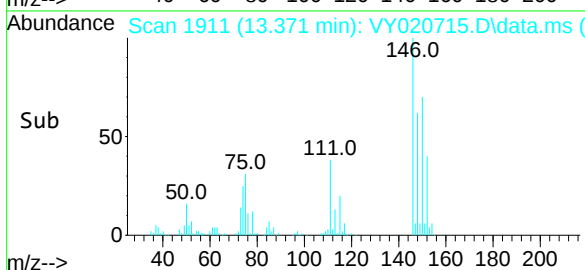
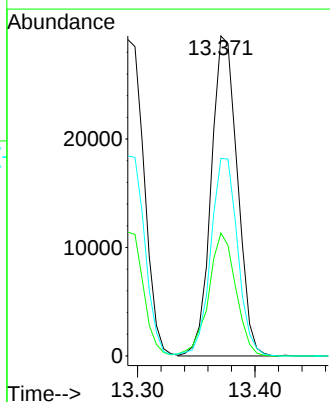
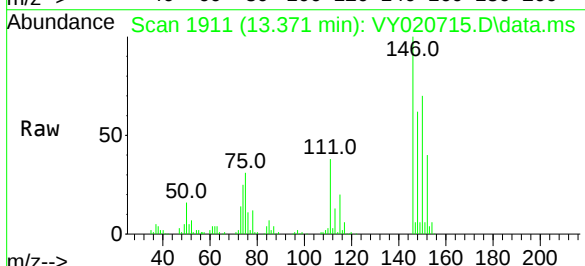
Tgt Ion:146 Resp: 45797

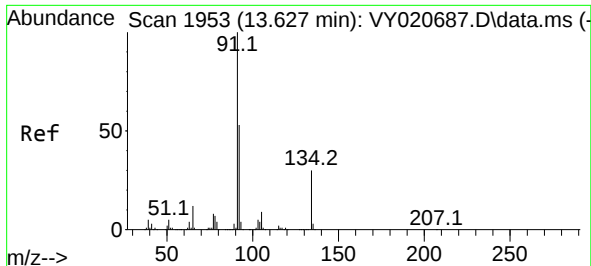
Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 63.3 32.8 98.3

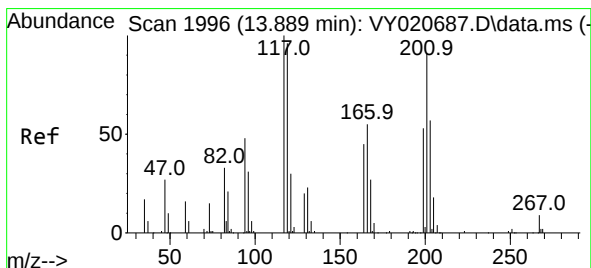
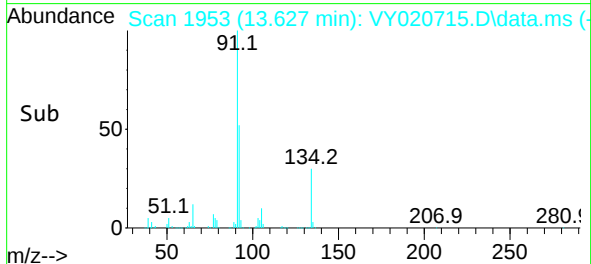
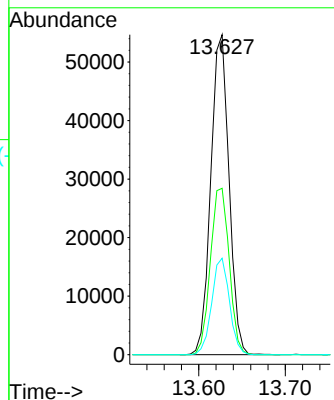
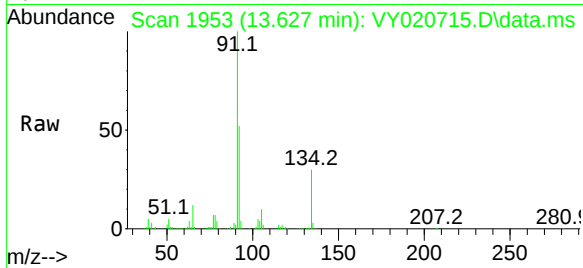




#89
n-Butylbenzene
Concen: 19.949 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

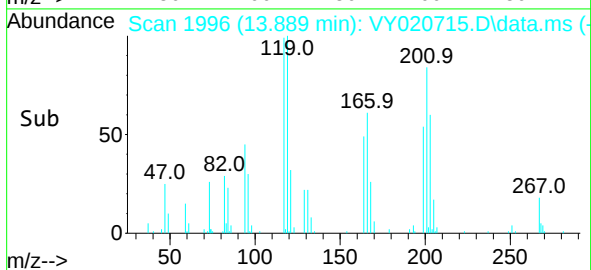
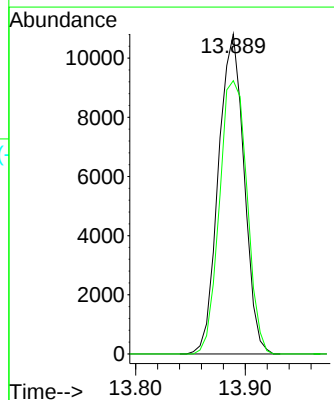
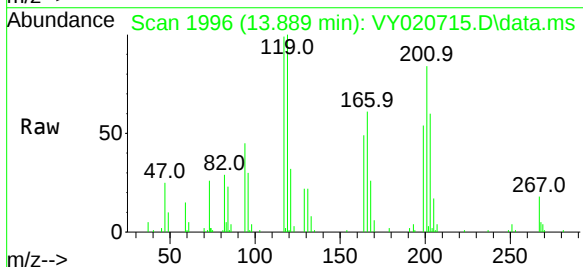
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

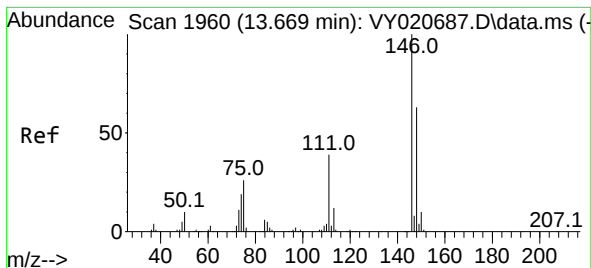
Tgt Ion:	91	Resp:	79827
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.1	78.2
134	29.3	14.8	44.4



#90
Hexachloroethane
Concen: 19.307 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:	117	Resp:	17599
Ion	Ratio	Lower	Upper
117	100		
201	91.6	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 20.294 ug/l

RT: 13.670 min Scan# 1960

Delta R.T. 0.001 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

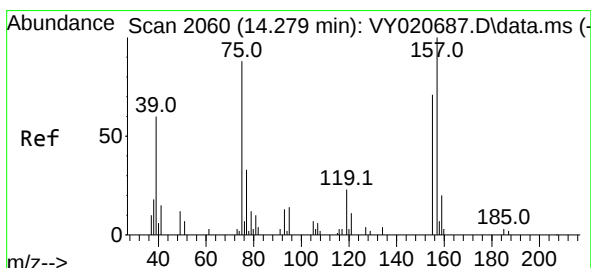
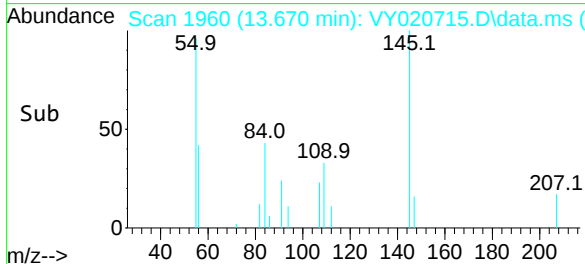
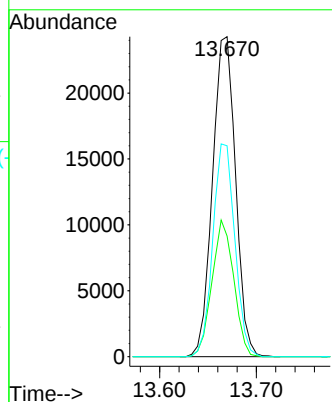
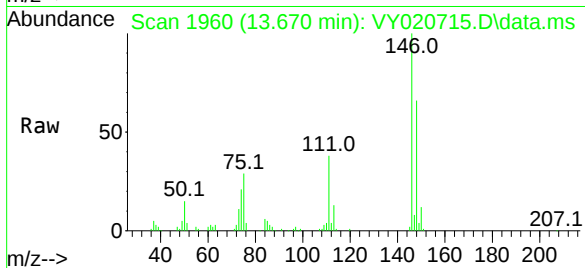
Tgt Ion:146 Resp: 40158

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.8

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.237 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

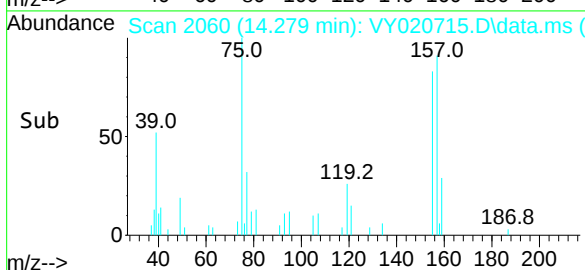
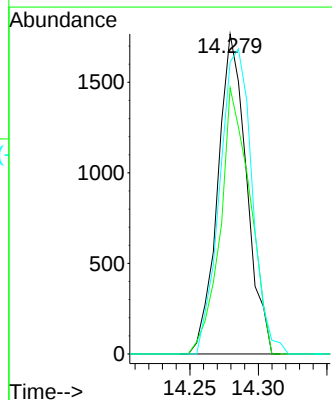
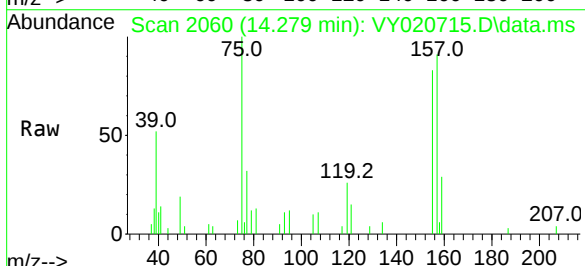
Tgt Ion: 75 Resp: 2581

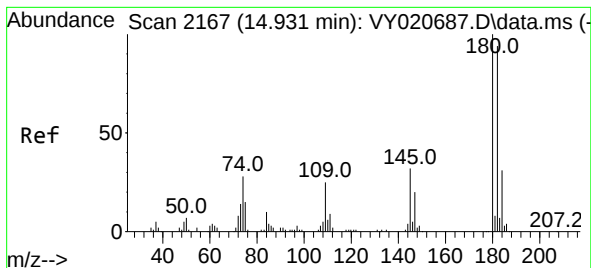
Ion Ratio Lower Upper

75 100

155 85.5 43.4 130.2

157 107.0 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 19.039 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. -0.005 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

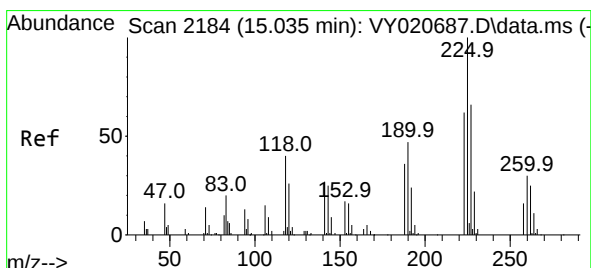
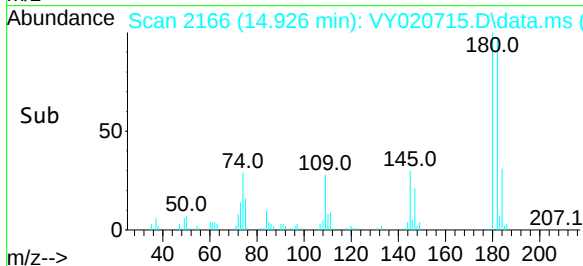
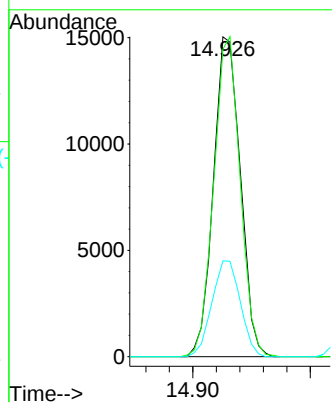
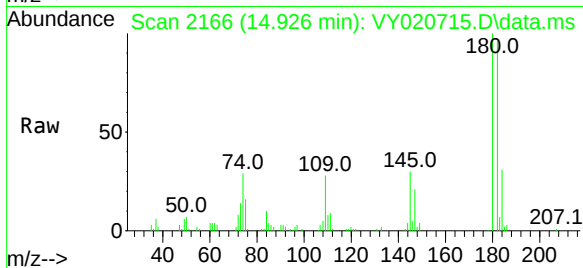
Tgt Ion:180 Resp: 23946

Ion Ratio Lower Upper

180 100

182 97.8 47.9 143.7

145 31.6 15.6 46.8



#94

Hexachlorobutadiene

Concen: 20.177 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

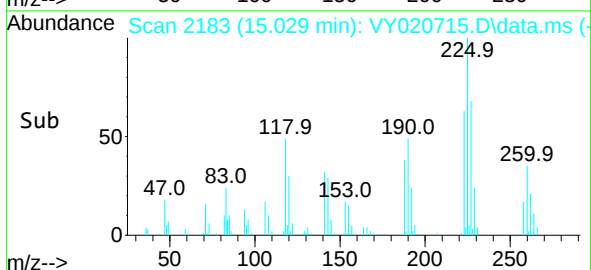
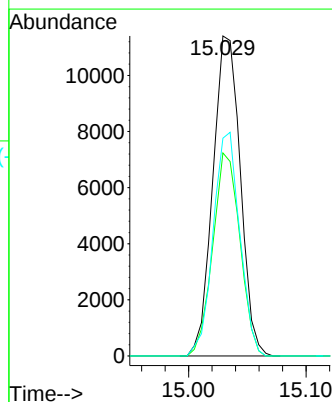
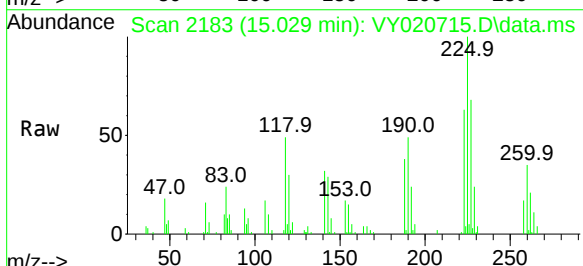
Tgt Ion:225 Resp: 18496

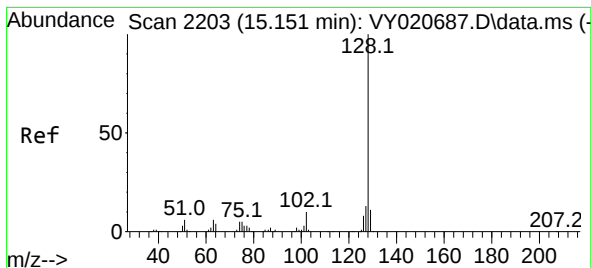
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

227 67.7 32.1 96.5





#95

Naphthalene

Concen: 20.005 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

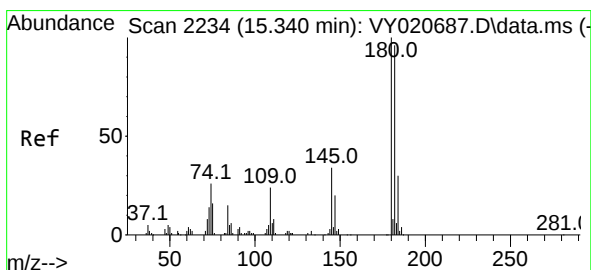
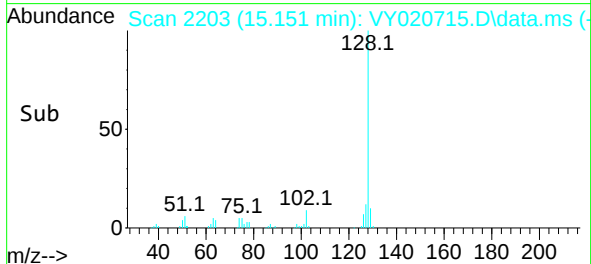
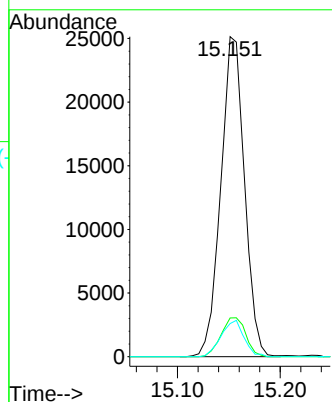
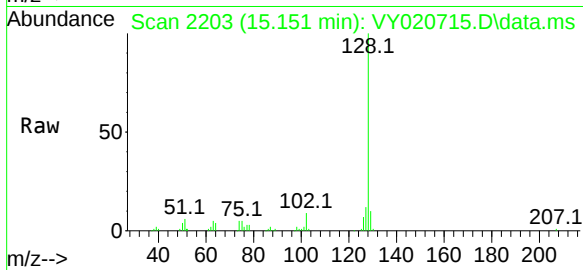
Tgt Ion:128 Resp: 40300

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.151 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020715.D

Acq: 26 Dec 2024 14:32

Tgt Ion:180 Resp: 21103

Ion Ratio Lower Upper

180 100

182 92.6 47.4 142.2

145 33.4 16.7 50.1

