

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003526.D
 Acq On : 12 Nov 2020 11:28
 Operator : SY/MD
 Sample : VY1112SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Quant Time: Nov 13 01:57:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	224396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	316108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	287922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	114514	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.72	113	99017	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.18	98	398288	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.48	95	134791	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	39668	22.342	ug/l	100
3) Chloromethane	2.12	50	52564	22.489	ug/l	98
4) Vinyl Chloride	2.26	62	60128	22.917	ug/l	98
5) Bromomethane	2.64	94	43124	19.673	ug/l	99
6) Chloroethane	2.79	64	35609	22.771	ug/l	100
7) Trichlorofluoromethane	3.13	101	72763	21.849	ug/l	99
8) Diethyl Ether	3.54	74	23105	22.624	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	41804	22.712	ug/l	99
10) Methyl Iodide	4.10	142	42353	24.958	ug/l	99
11) Tert butyl alcohol	4.94	59	65442	289.672	ug/l #	87
12) 1,1-Dichloroethene	3.87	96	40018	21.852	ug/l	98
13) Acrolein	3.74	56	17200	90.093	ug/l	97
14) Allyl chloride	4.49	41	72770	21.780	ug/l	99
15) Acrylonitrile	5.17	53	58110	106.598	ug/l	99
16) Acetone	3.96	43	73543	96.909	ug/l	99
17) Carbon Disulfide	4.20	76	121818	20.533	ug/l	97
18) Methyl Acetate	4.48	43	32450	22.627	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	104505	23.040	ug/l	99
20) Methylene Chloride	4.72	84	48159	22.534	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	46533	21.944	ug/l	99
22) Diisopropyl ether	6.13	45	135371	23.100	ug/l	96
23) Vinyl Acetate	6.07	43	483576	109.810	ug/l	98
24) 1,1-Dichloroethane	6.03	63	83829	22.511	ug/l	98
25) 2-Butanone	7.00	43	99294	104.614	ug/l	98
26) 2,2-Dichloropropane	6.99	77	78680	22.679	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	51222	22.292	ug/l	97
28) Bromochloromethane	7.34	49	37866	20.212	ug/l	97
29) Tetrahydrofuran	7.35	42	53270	107.407	ug/l	98
30) Chloroform	7.51	83	83749	22.897	ug/l	96
31) Cyclohexane	7.79	56	73068	21.191	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	77218	22.630	ug/l	99
36) 1,1-Dichloropropene	7.93	75	65890	22.108	ug/l	98
37) Ethyl Acetate	7.08	43	40480	21.873	ug/l	98
38) Carbon Tetrachloride	7.90	117	69516	22.483	ug/l	99

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 Sample : VY1112SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBSD01

Quant Time: Nov 13 01:57:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	73707	22.210	ug/l	95
40) Benzene	8.16	78	187073	22.555	ug/l	97
41) Methacrylonitrile	7.35	41	52723	53.348	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	58832	22.638	ug/l	99
43) Isopropyl Acetate	8.27	43	73832	22.198	ug/l	99
44) Trichloroethene	8.94	130	54126	23.246	ug/l	97
45) 1,2-Dichloropropane	9.22	63	48332	23.075	ug/l	100
46) Dibromomethane	9.31	93	26246	22.776	ug/l	98
47) Bromodichloromethane	9.50	83	66662	23.635	ug/l	100
48) Methyl methacrylate	9.29	41	34258	21.865	ug/l	96
49) 1,4-Dioxane	9.30	88	6595	458.671	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	198068	111.770	ug/l	99
52) Toluene	10.24	92	117855	22.718	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	68592	22.852	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	77913	23.067	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	37435	22.885	ug/l	98
56) Ethyl methacrylate	10.51	69	49450	22.569	ug/l	99
57) 1,3-Dichloropropane	10.79	76	64947	22.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	130079	117.110	ug/l	99
59) 2-Hexanone	10.83	43	142207	108.383	ug/l	100
60) Dibromochloromethane	10.99	129	47199	23.476	ug/l	100
61) 1,2-Dibromoethane	11.09	107	35411	22.423	ug/l	99
64) Tetrachloroethene	10.72	164	51405	23.907	ug/l	97
65) Chlorobenzene	11.52	112	127506	22.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	49415	23.425	ug/l	99
67) Ethyl Benzene	11.59	91	231927	22.866	ug/l	100
68) m/p-Xylenes	11.70	106	173292	45.085	ug/l	99
69) o-Xylene	12.03	106	79696	22.540	ug/l	97
70) Styrene	12.04	104	138539	23.077	ug/l	100
71) Bromoform	12.20	173	31939	22.715	ug/l	99
73) Isopropylbenzene	12.33	105	223835	22.030	ug/l	100
74) N-amyl acetate	12.14	43	63285	21.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	46487	21.421	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	62379	37.904	ug/l #	100
77) Bromobenzene	12.61	156	58013	22.473	ug/l	99
78) n-propylbenzene	12.67	91	264311	22.085	ug/l	99
79) 2-Chlorotoluene	12.75	91	148233	22.170	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	189890	22.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16504	20.931	ug/l	98
82) 4-Chlorotoluene	12.85	91	157601	22.555	ug/l	100
83) tert-Butylbenzene	13.07	119	165533	22.171	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	190016	22.585	ug/l	99
85) sec-Butylbenzene	13.25	105	226652	22.420	ug/l	99
86) p-Isopropyltoluene	13.36	119	210210	22.421	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	110098	22.895	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	108348	22.658	ug/l	98
89) n-Butylbenzene	13.69	91	192605	22.492	ug/l	99
90) Hexachloroethane	13.95	117	35446	22.464	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	97317	22.780	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8409	21.405	ug/l	98

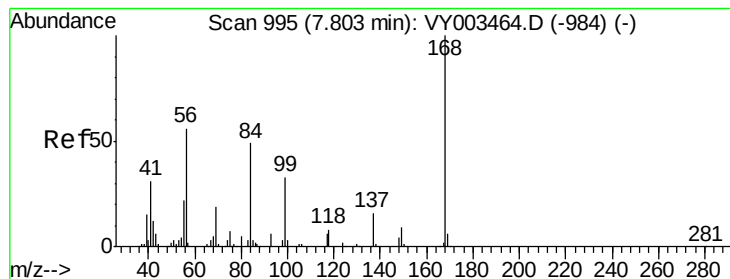
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
Data File : VY003526.D
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Sample : VY1112SBSD01
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Instrument :
MSVOA_Y
ClientSampleId :
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Quant Time: Nov 13 01:57:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	72011	23.831	ug/l	99
94) Hexachlorobutadiene	15.11	225	46153	23.743	ug/l	98
95) Naphthalene	15.23	128	134730	22.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62912	23.145	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

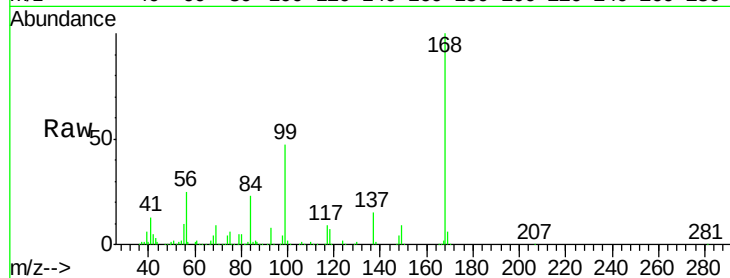
VY1112SBS01

Tot Ion:168 Resp: 224396

Ion Ratio Lower Upper

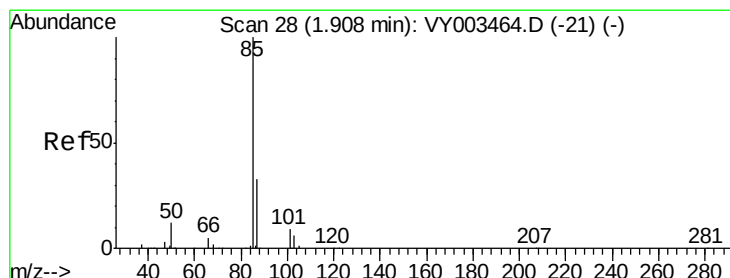
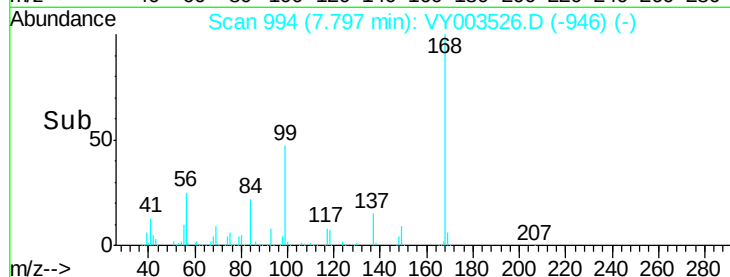
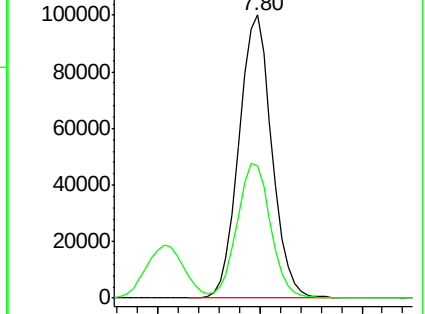
168 100

99 46.5 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: 22.342 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY003526.D

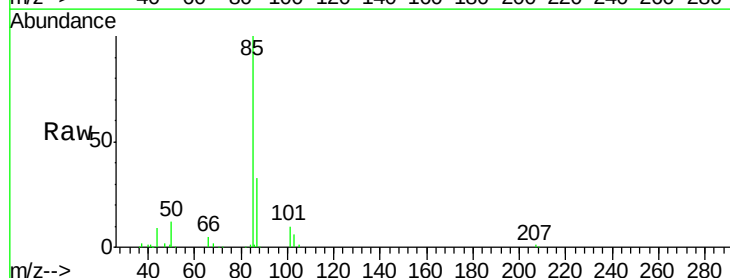
Acq: 12 Nov 2020 11:28

Tgt Ion: 85 Resp: 39668

Ion Ratio Lower Upper

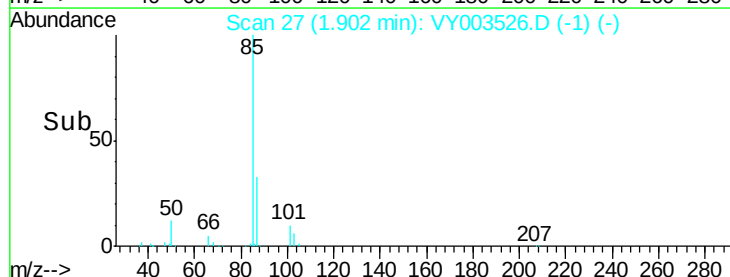
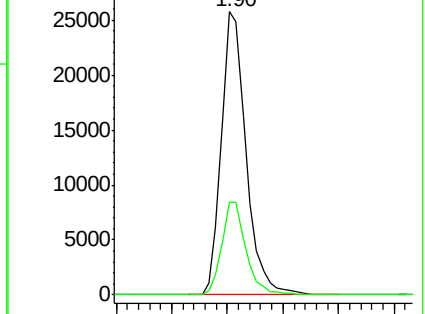
85 100

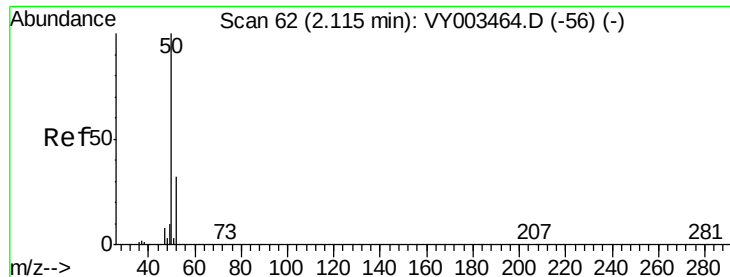
87 32.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)





#3

Chloromethane

Concen: 22.489 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

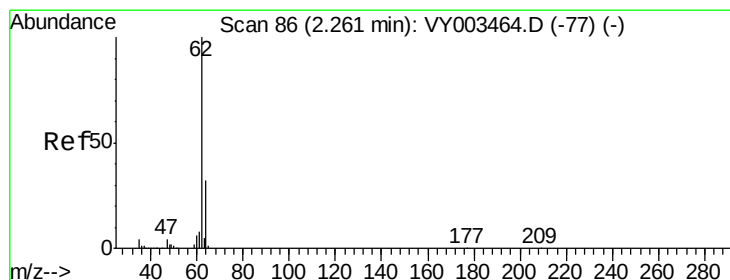
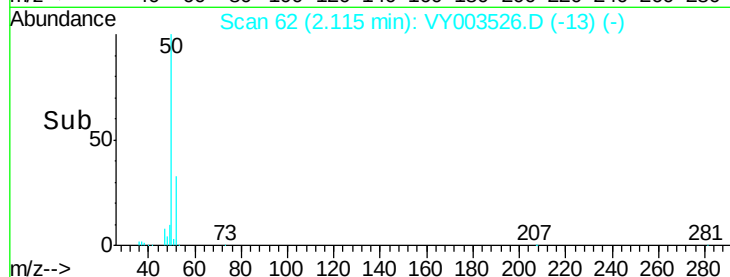
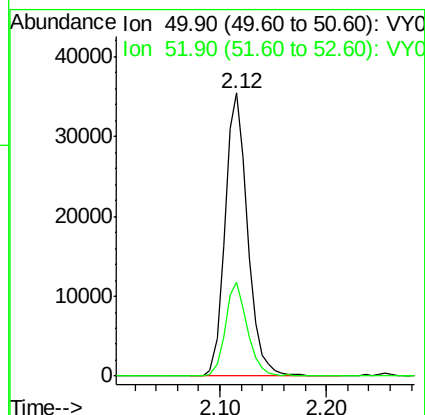
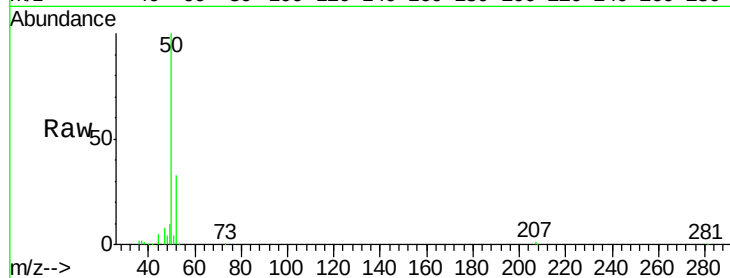
VY1112SBSD01

Tot Ion: 50 Resp: 52564

Ion Ratio Lower Upper

50 100

52 33.0 25.6 38.4



#4

Vinyl Chloride

Concen: 22.917 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003526.D

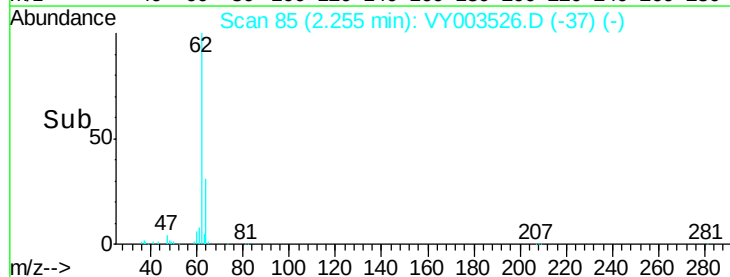
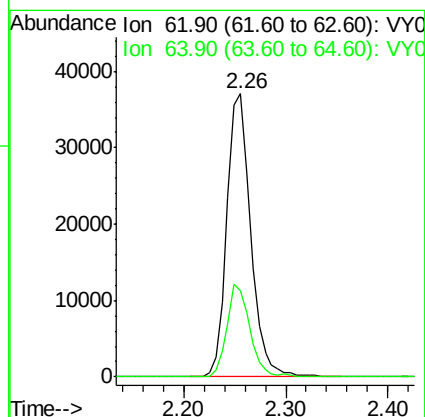
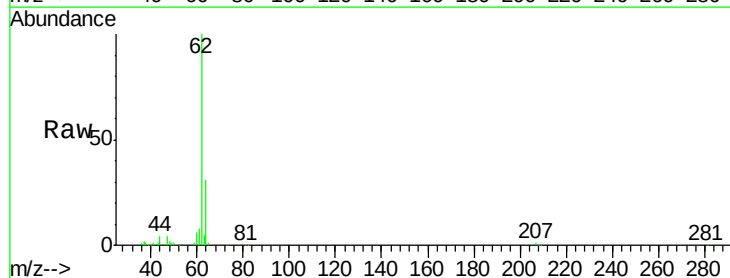
Acq: 12 Nov 2020 11:28

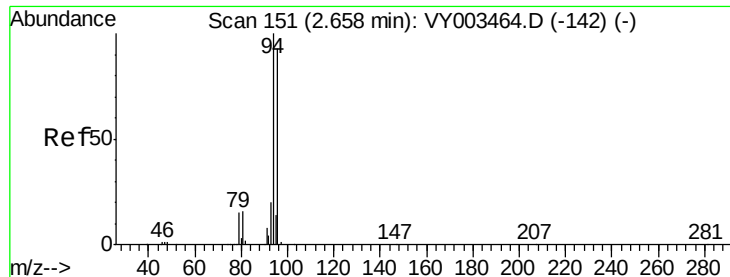
Tgt Ion: 62 Resp: 60128

Ion Ratio Lower Upper

62 100

64 30.7 25.5 38.3





#5

Bromomethane

Concen: 19.673 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

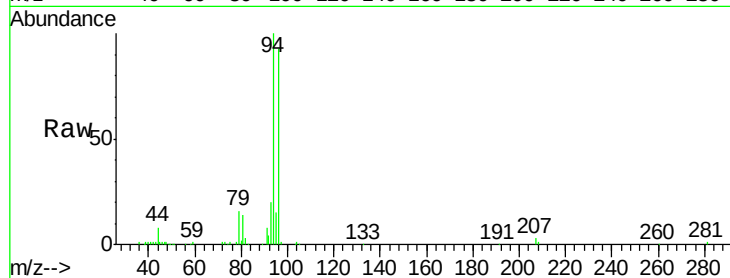
VY1112SBS01

Tot Ion: 94 Resp: 43124

Ion Ratio Lower Upper

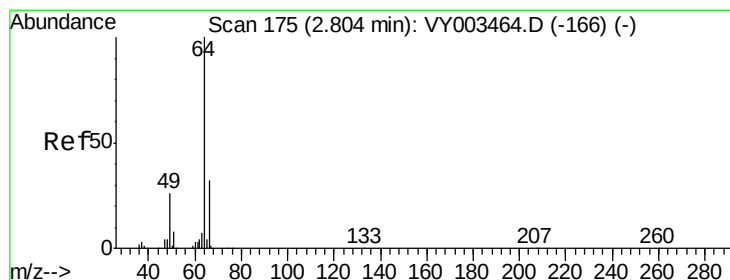
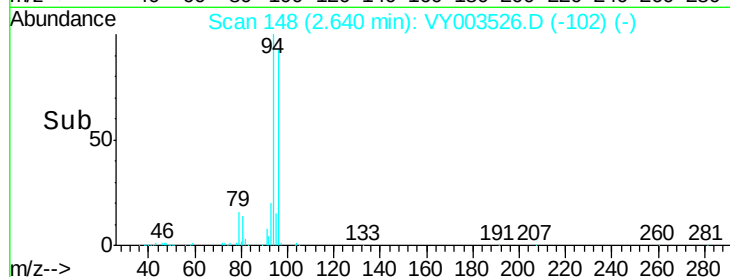
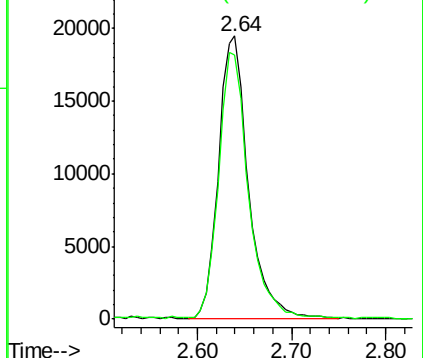
94 100

96 92.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 22.771 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003526.D

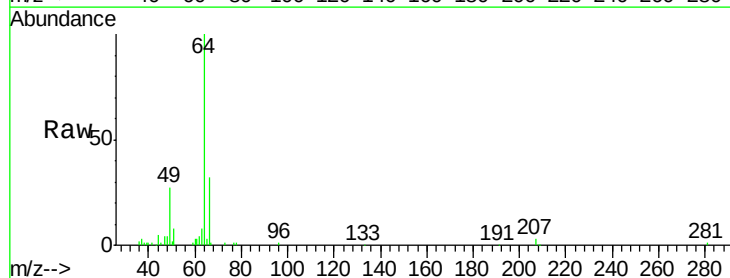
Acq: 12 Nov 2020 11:28

Tgt Ion: 64 Resp: 35609

Ion Ratio Lower Upper

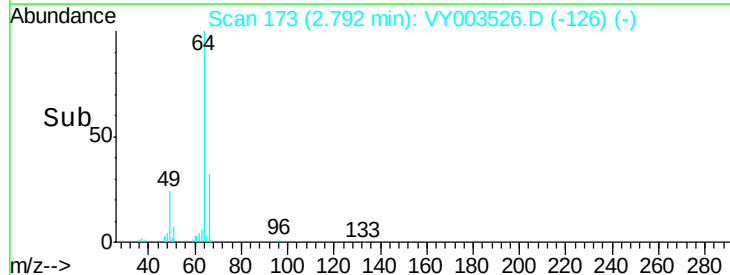
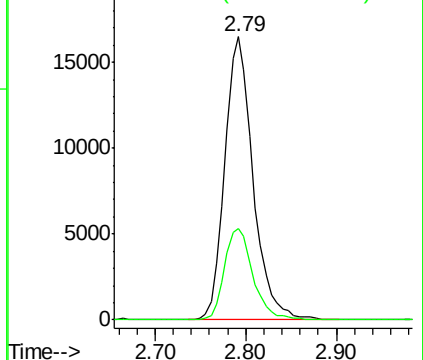
64 100

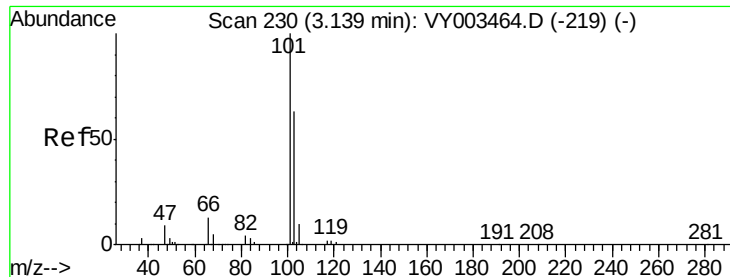
66 32.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



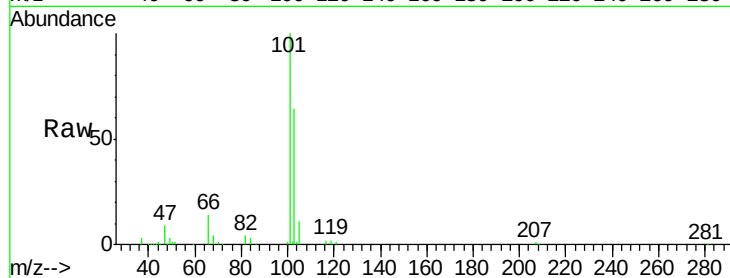


#7

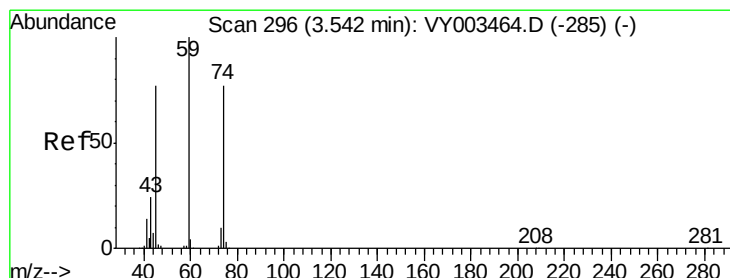
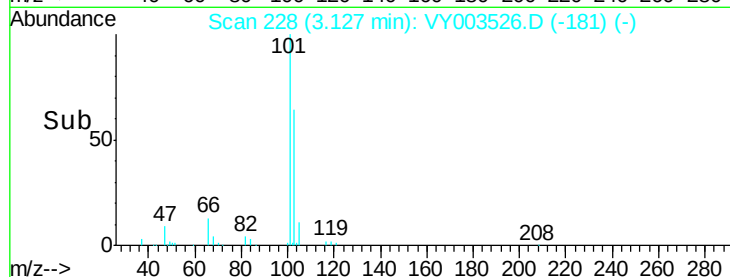
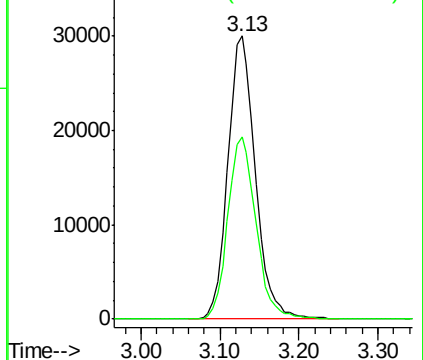
Trichlorofluoromethane
Concen: 21.849 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

Tot Ion:101 Resp: 72763
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1



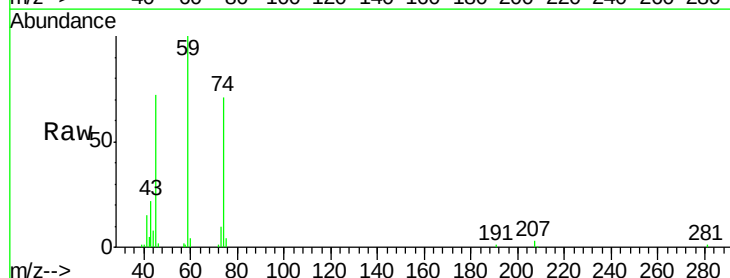
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



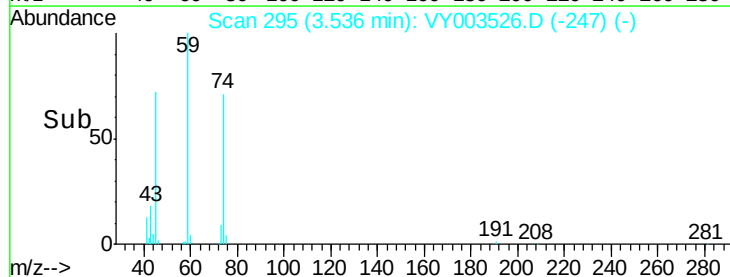
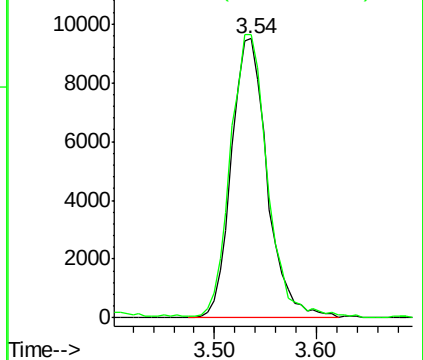
#8

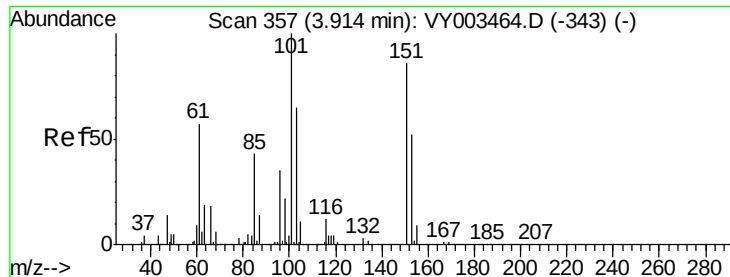
Diethyl Ether
Concen: 22.624 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 74 Resp: 23105
Ion Ratio Lower Upper
74 100
45 105.7 50.7 152.3



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.712 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

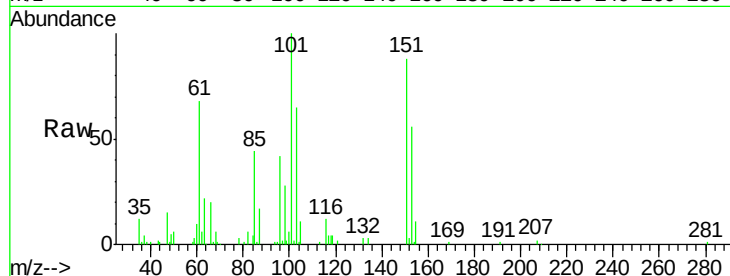
Tot Ion:101 Resp: 41804

Ion Ratio Lower Upper

101 100

85 44.5 35.8 53.8

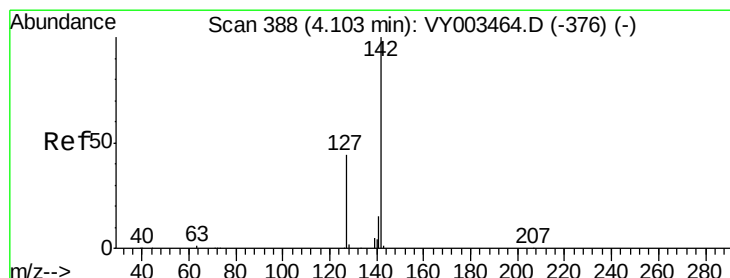
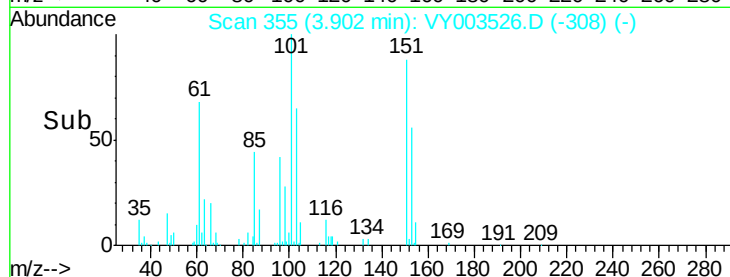
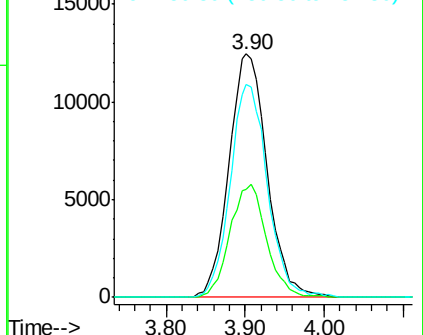
151 85.6 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 24.958 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

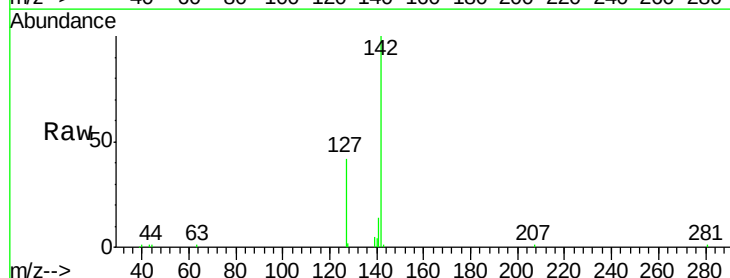
Tgt Ion:142 Resp: 42353

Ion Ratio Lower Upper

142 100

127 43.9 34.5 51.7

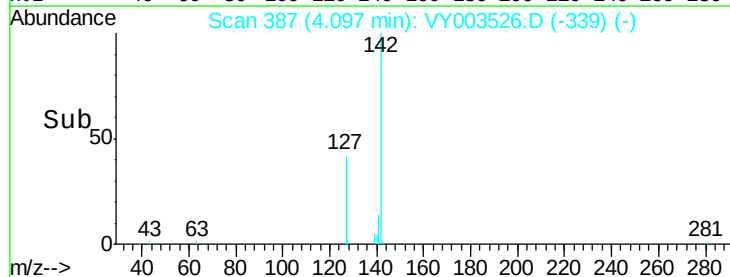
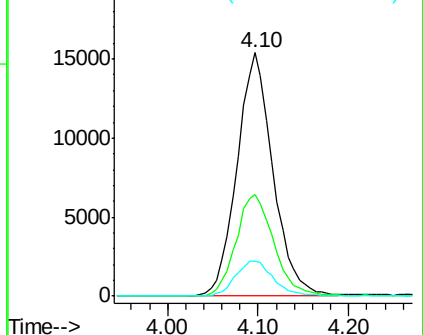
141 15.0 11.8 17.8

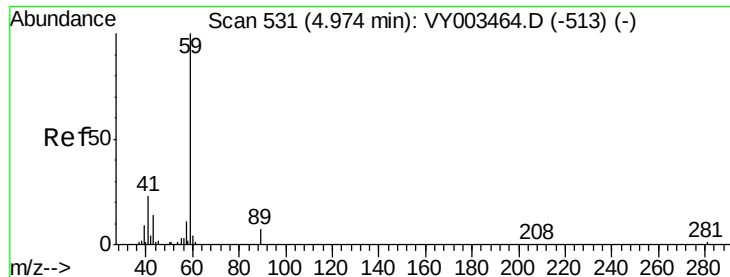


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



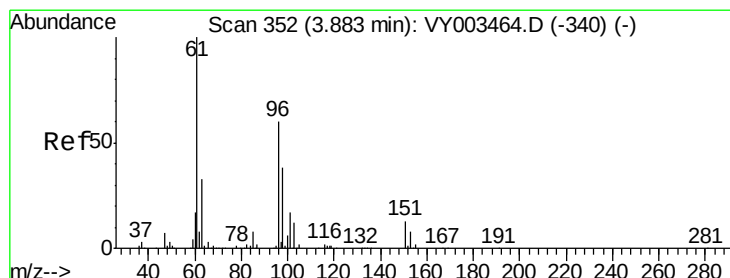
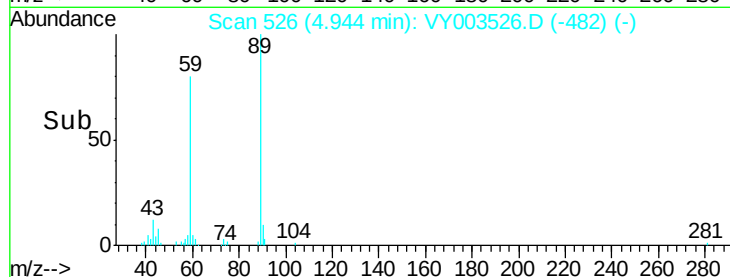
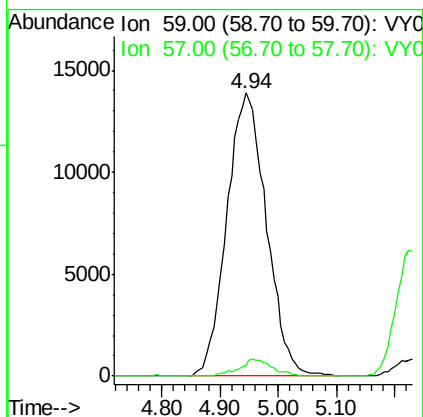
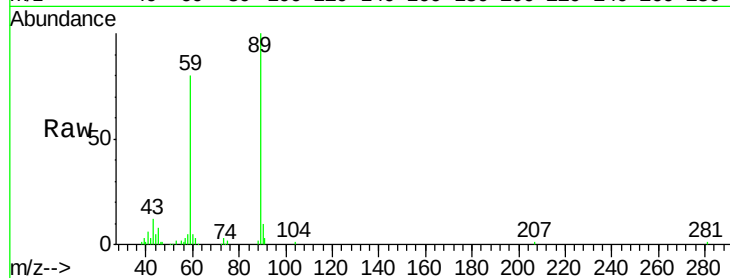


#11

Tert butyl alcohol
 Concen: 289.672 ug/l
 RT: 4.94 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

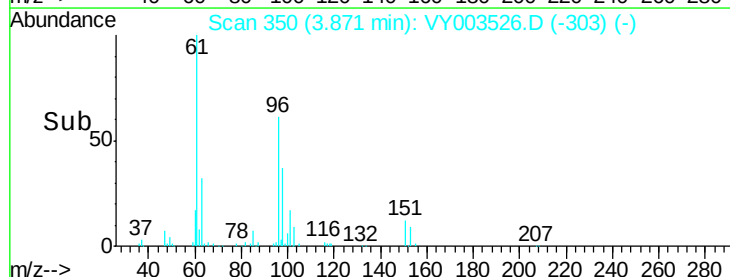
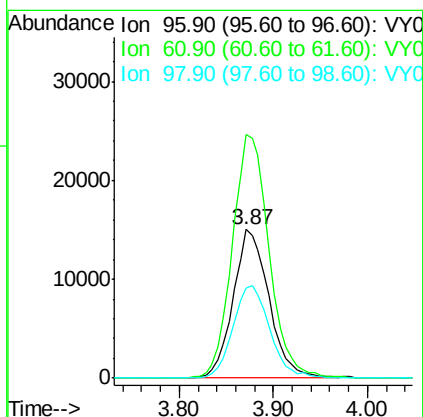
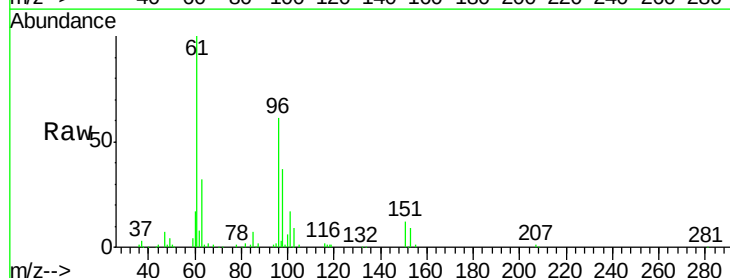
Tot Ion: 59 Resp: 65442
 Ion Ratio Lower Upper
 59 100
 57 4.9 7.9 11.9#

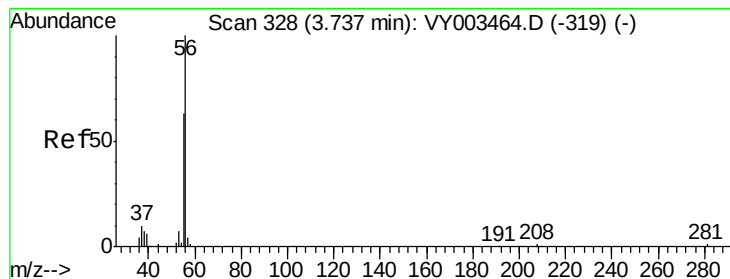


#12

1,1-Dichloroethene
 Concen: 21.852 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion: 96 Resp: 40018
 Ion Ratio Lower Upper
 96 100
 61 164.2 133.6 200.4
 98 60.4 50.2 75.2





#13

Acrolein

Concen: 90.093 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

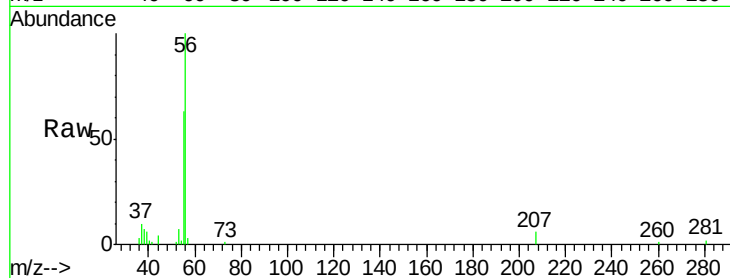
VY1112SBSD01

Tot Ion: 56 Resp: 17200

Ion Ratio Lower Upper

56 100

55 68.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

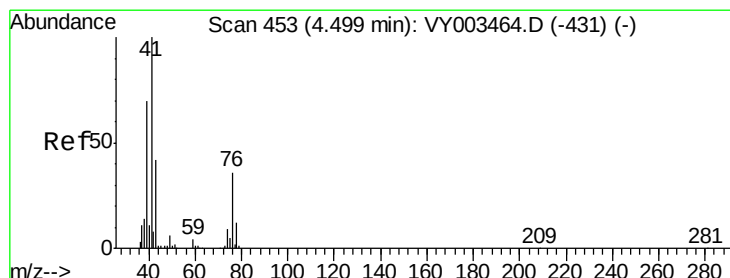
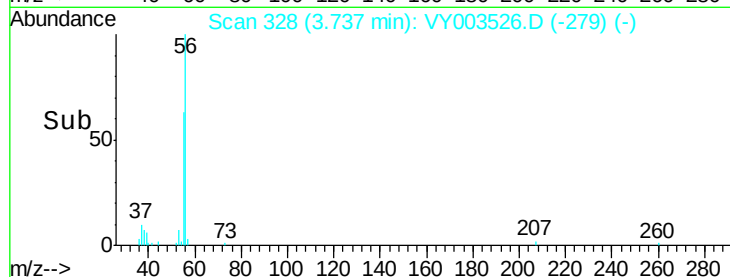
6000

4000

2000

0

Time--> 3.60 3.70 3.80



#14

Allyl chloride

Concen: 21.780 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

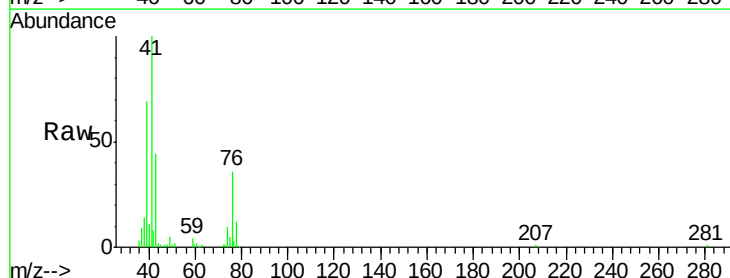
Tgt Ion: 41 Resp: 72770

Ion Ratio Lower Upper

41 100

39 67.5 54.4 81.6

76 34.2 27.6 41.4



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

25000

20000

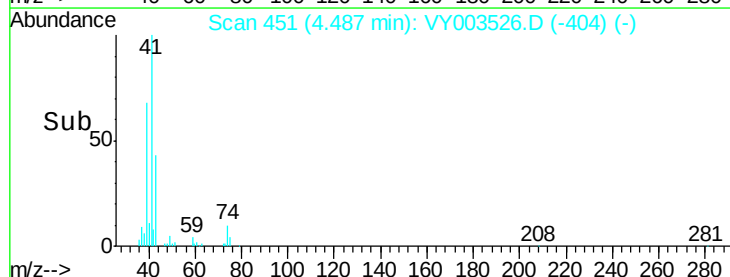
15000

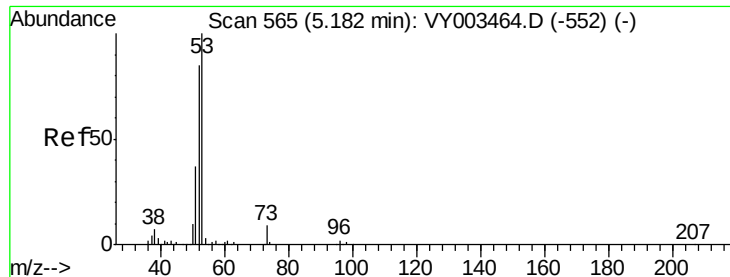
10000

5000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 106.598 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

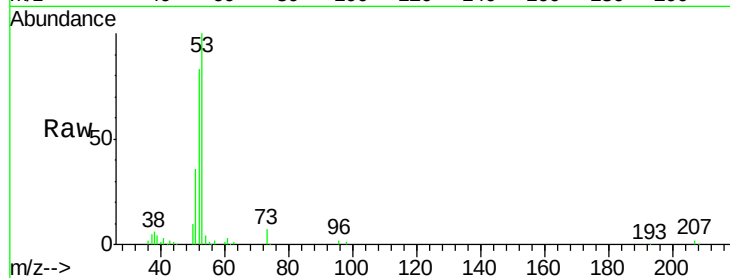
Tot Ion: 53 Resp: 58110

Ion Ratio Lower Upper

53 100

52 83.7 66.9 100.3

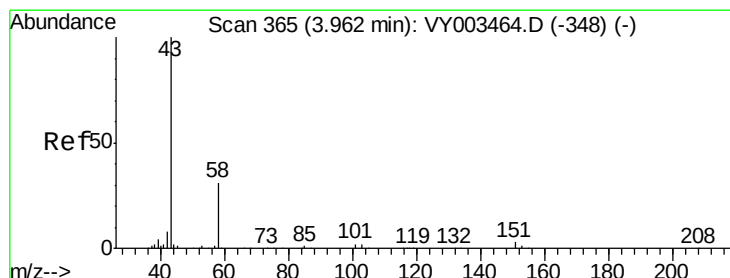
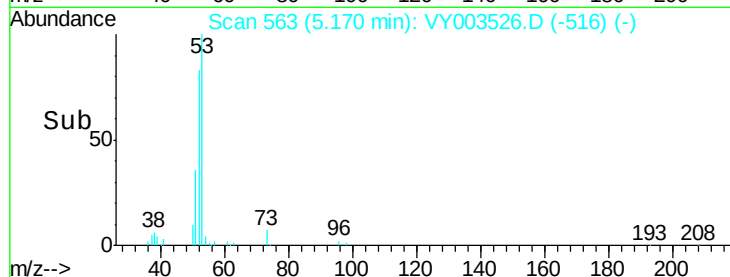
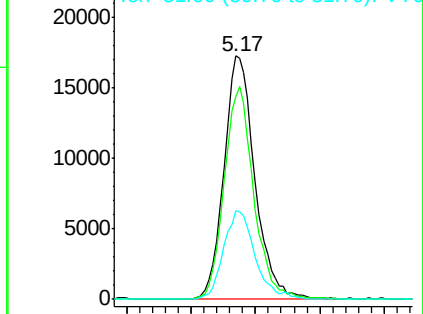
51 37.5 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 96.909 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY003526.D

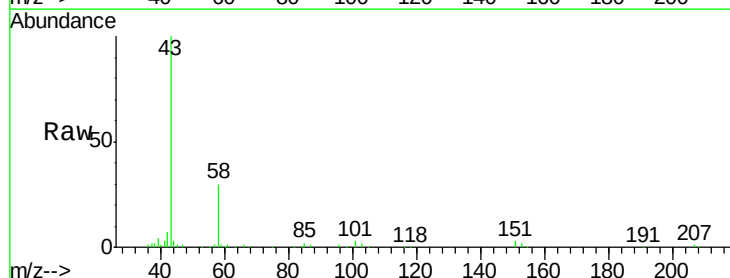
Acq: 12 Nov 2020 11:28

Tgt Ion: 43 Resp: 73543

Ion Ratio Lower Upper

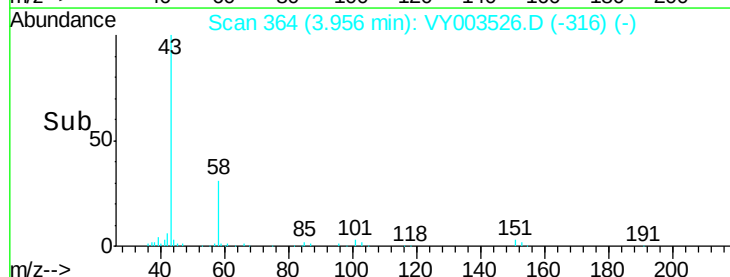
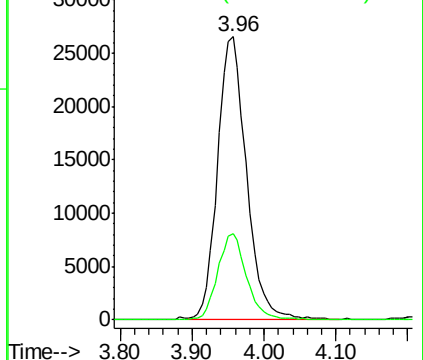
43 100

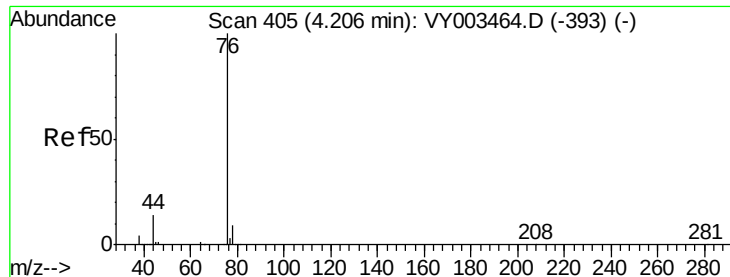
58 30.5 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.533 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

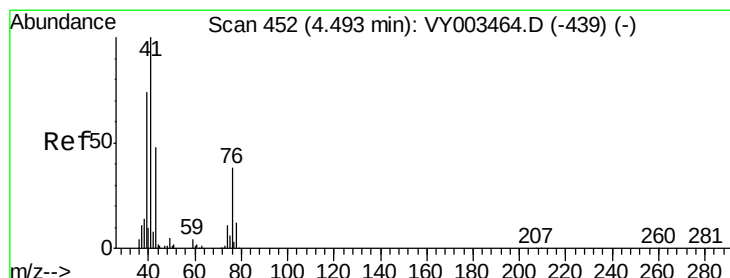
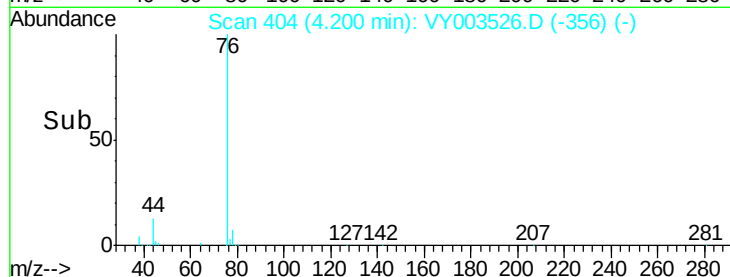
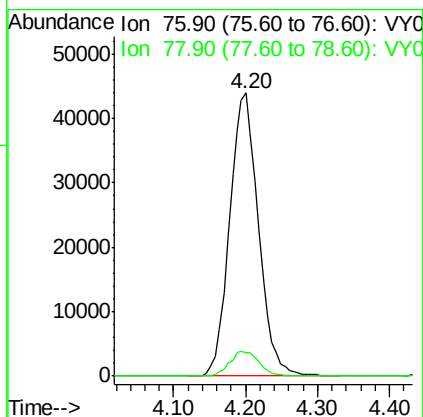
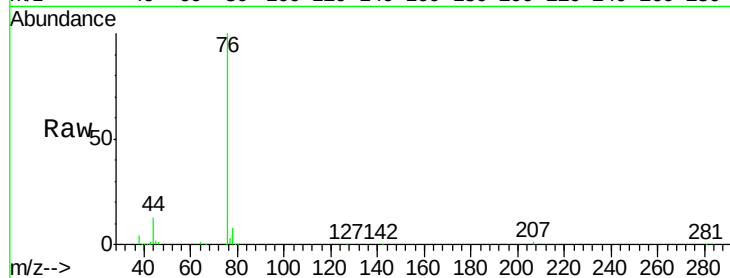
VY1112SBS01

Tot Ion: 76 Resp: 121818

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.2



#18

Methyl Acetate

Concen: 22.627 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003526.D

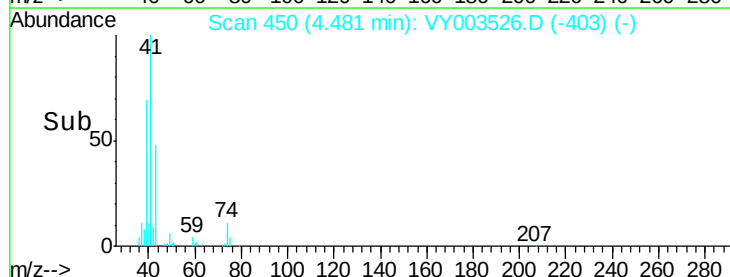
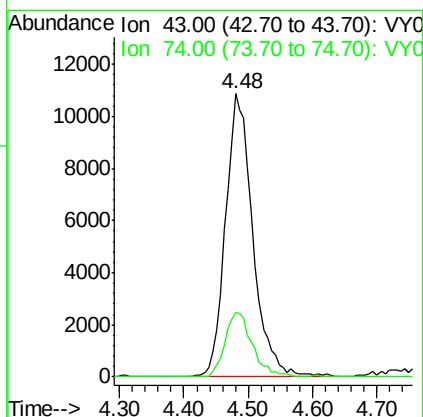
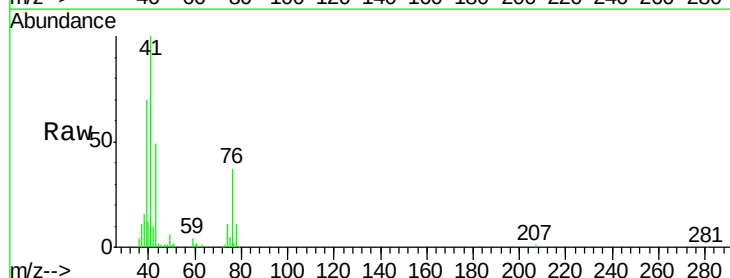
Acq: 12 Nov 2020 11:28

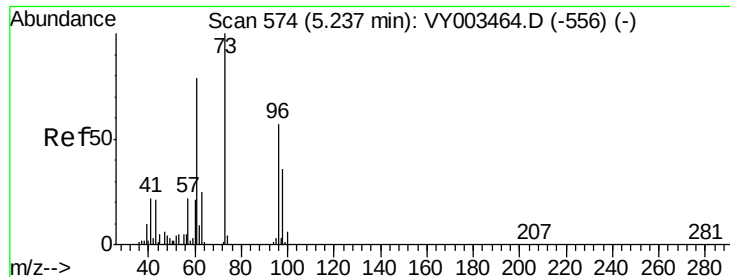
Tgt Ion: 43 Resp: 32450

Ion Ratio Lower Upper

43 100

74 22.7 18.4 27.6

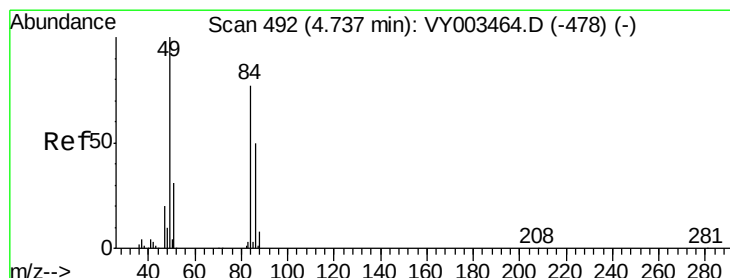
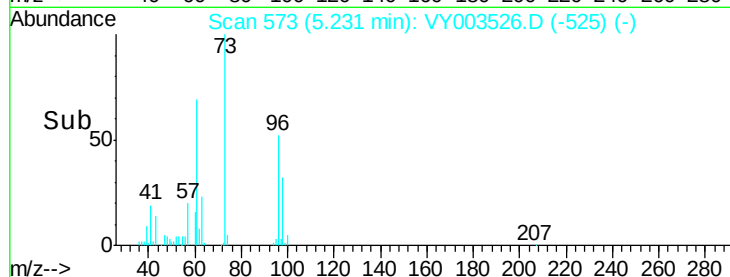
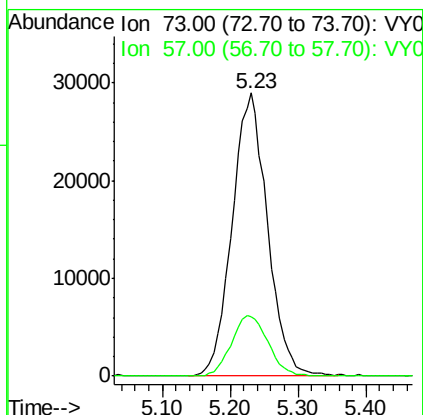
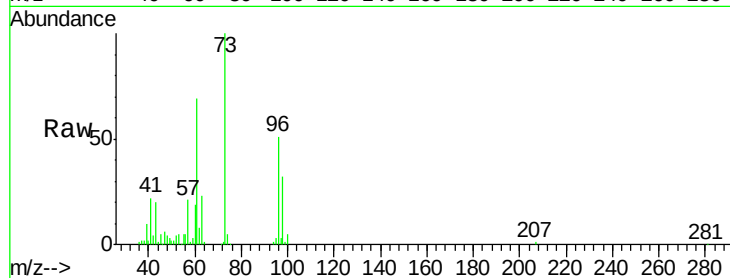




#19
Methyl tert-butyl Ether
Concen: 23.040 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

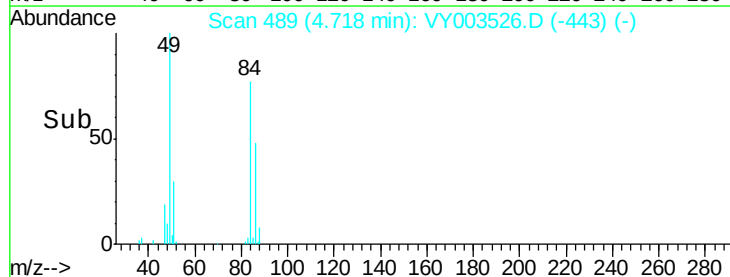
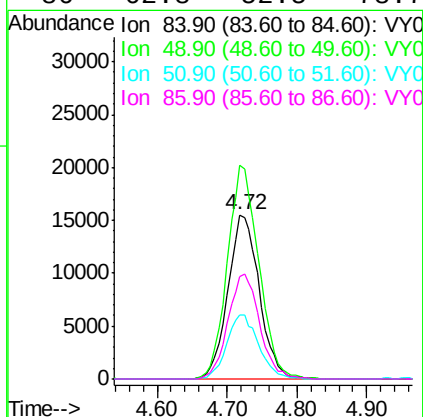
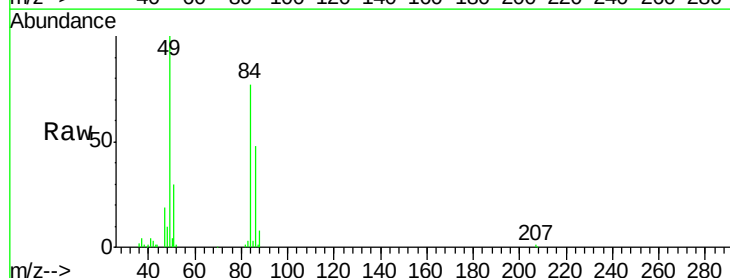
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

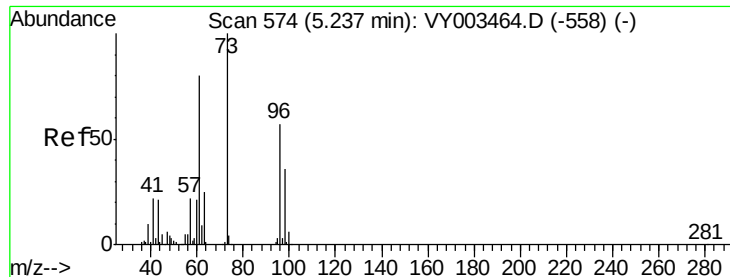
Tot Ion: 73 Resp: 104505
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 22.534 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.02 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 84 Resp: 48159
Ion Ratio Lower Upper
84 100
49 130.2 104.3 156.5
51 38.7 32.5 48.7
86 62.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.944 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

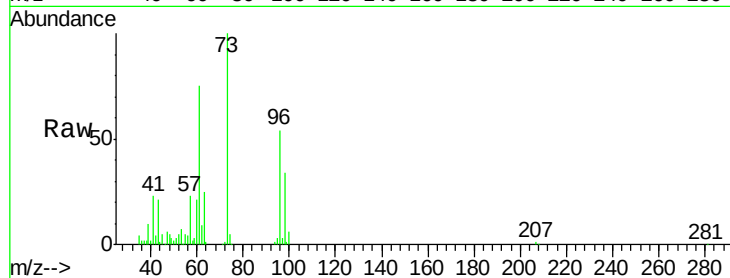
Tot Ion: 96 Resp: 46533

Ion Ratio Lower Upper

96 100

61 138.4 111.3 166.9

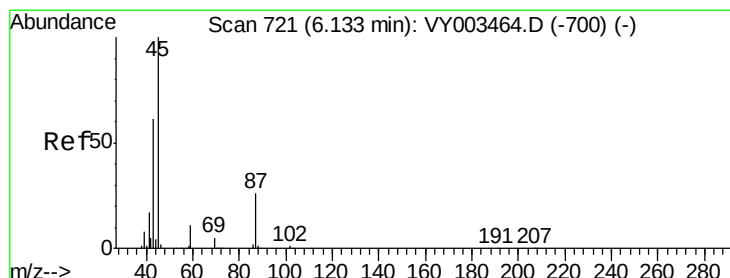
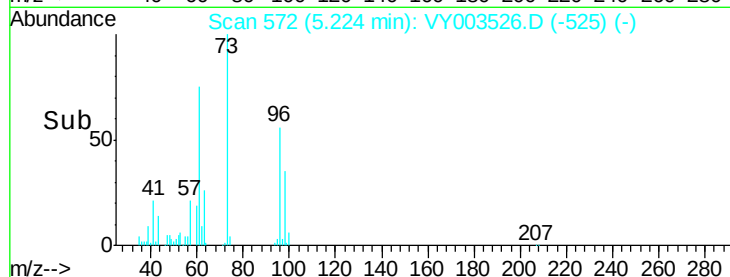
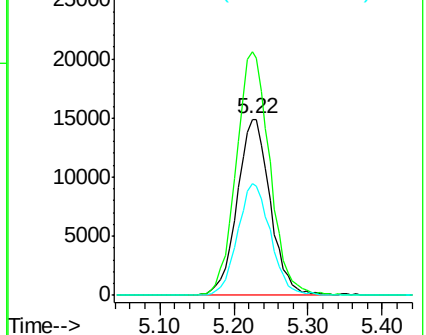
98 63.3 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 23.100 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Tgt Ion: 45 Resp: 135371

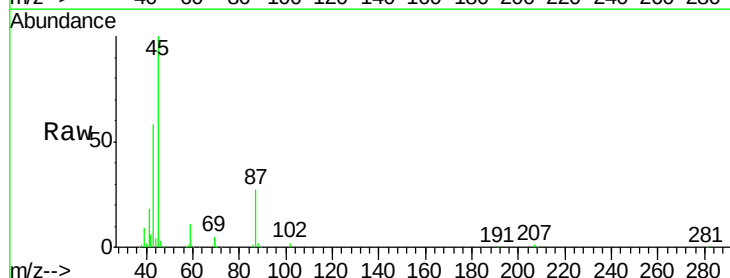
Ion Ratio Lower Upper

45 100

43 57.2 48.8 73.2

87 27.1 20.6 31.0

59 11.4 9.0 13.4

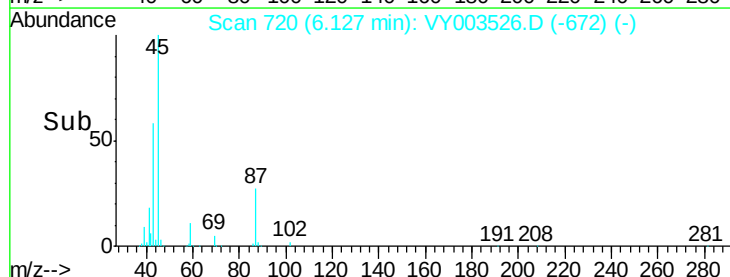
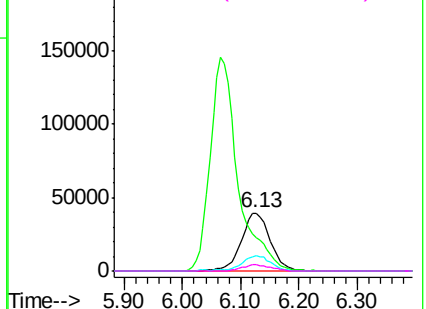


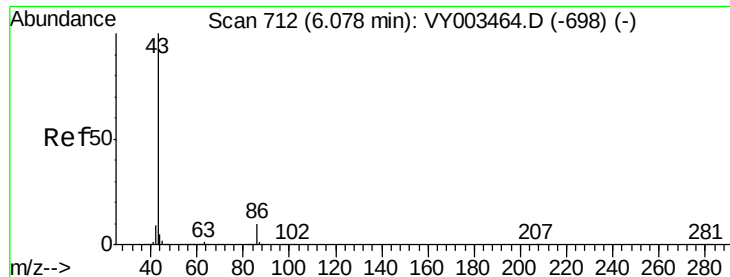
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 109.810 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

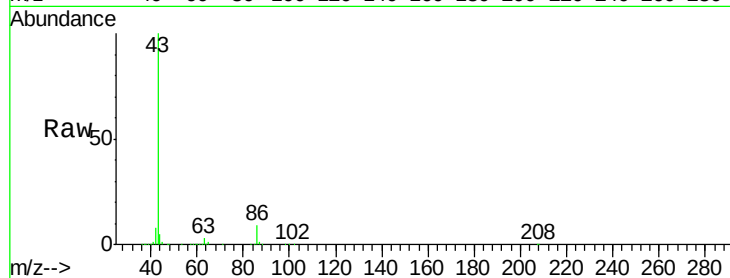
VY1112SBS01

Tot Ion: 43 Resp: 483576

Ion Ratio Lower Upper

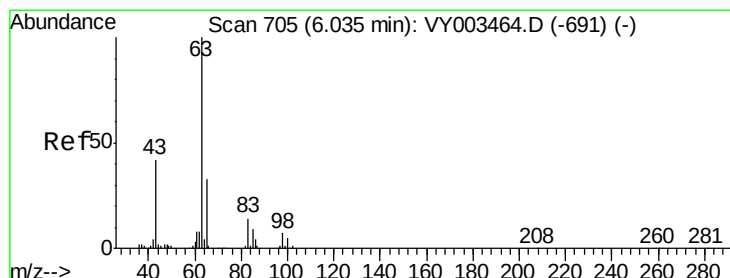
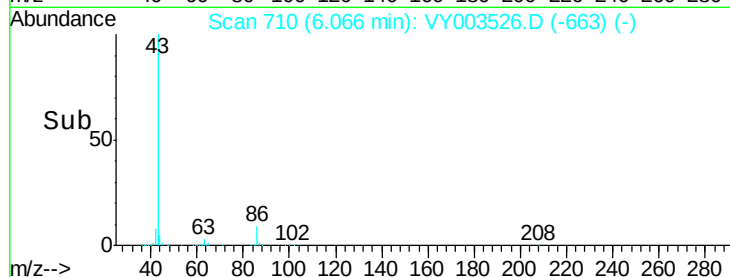
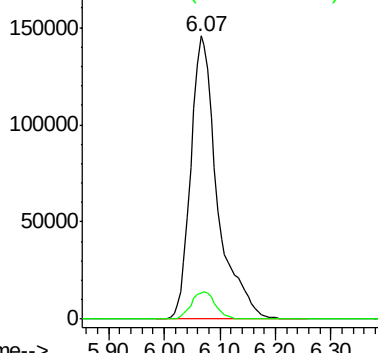
43 100

86 9.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.511 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

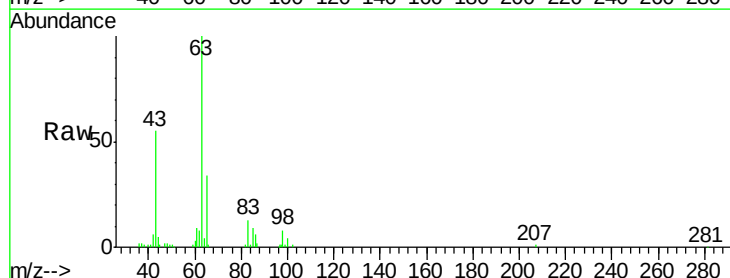
Tgt Ion: 63 Resp: 83829

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

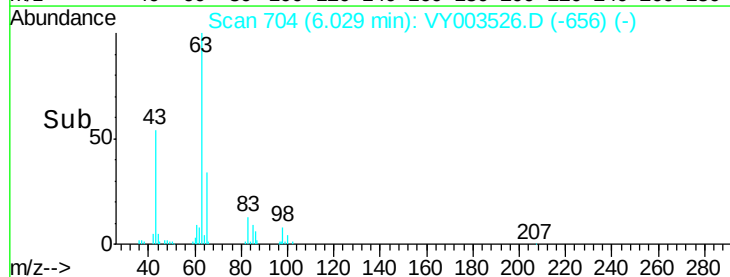
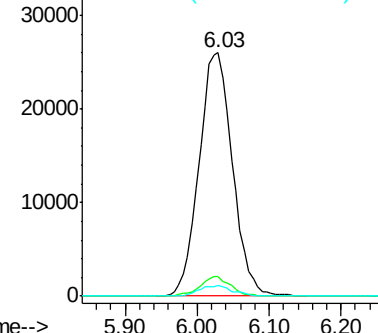
100 4.4 2.3 6.9

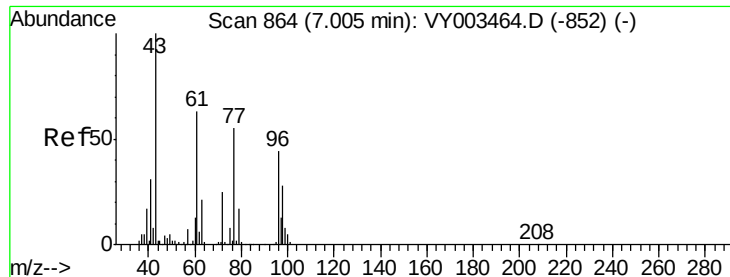


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 104.614 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

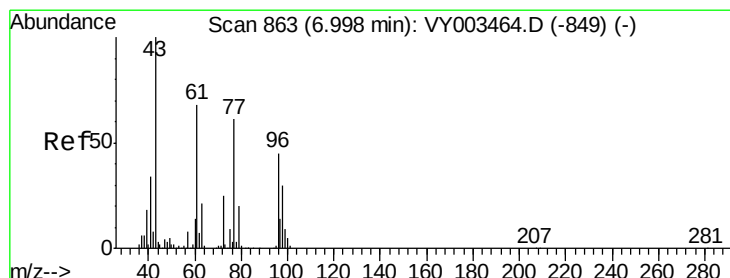
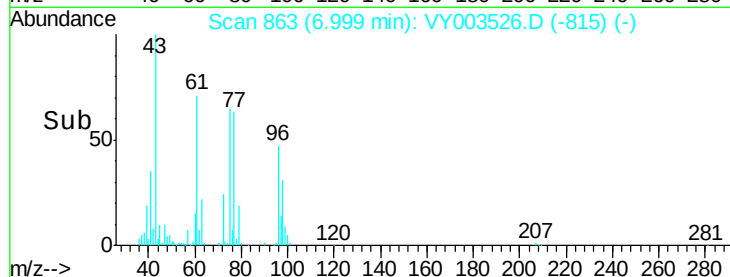
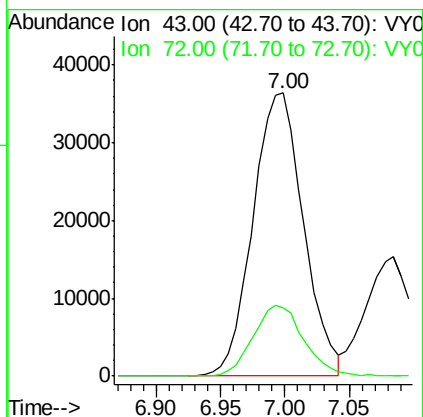
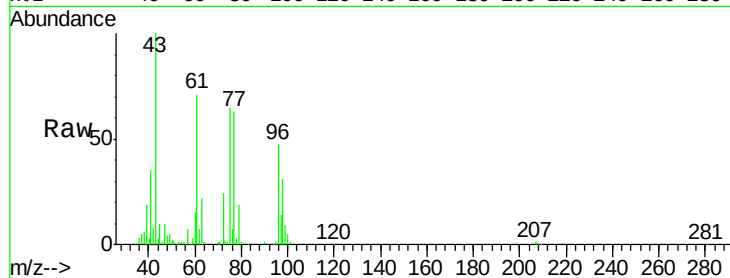
VY1112SBS01

Tot Ion: 43 Resp: 99294

Ion Ratio Lower Upper

43 100

72 24.1 20.1 30.1



#26

2,2-Dichloropropane

Concen: 22.679 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003526.D

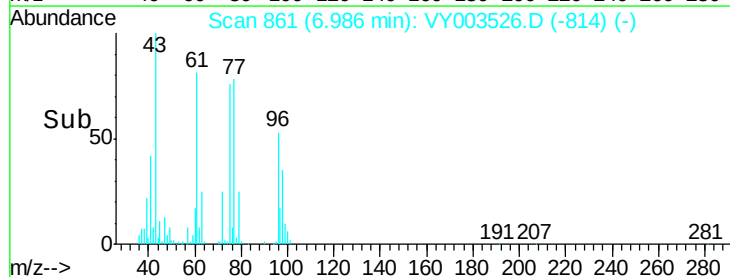
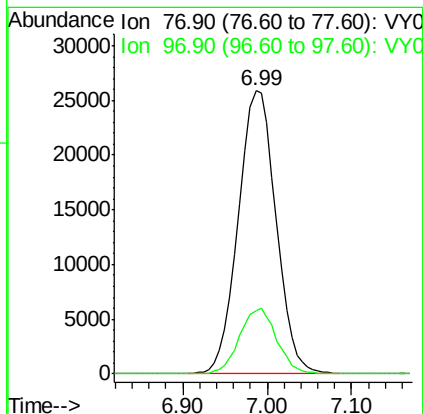
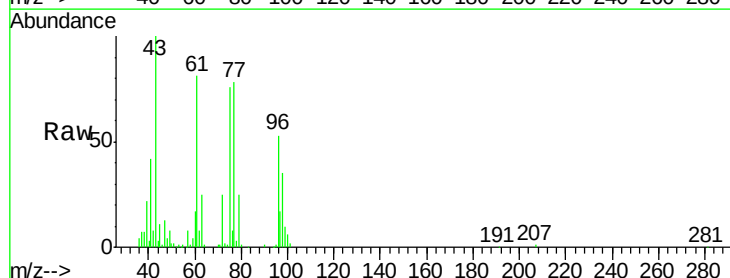
Acq: 12 Nov 2020 11:28

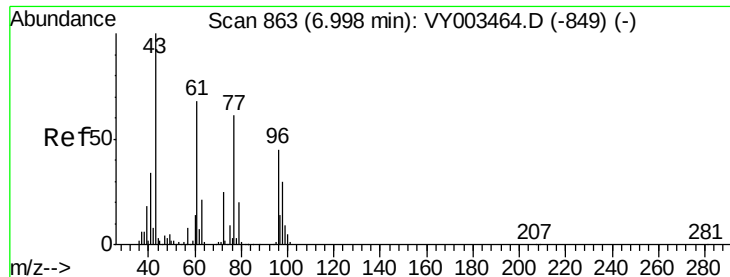
Tgt Ion: 77 Resp: 78680

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6



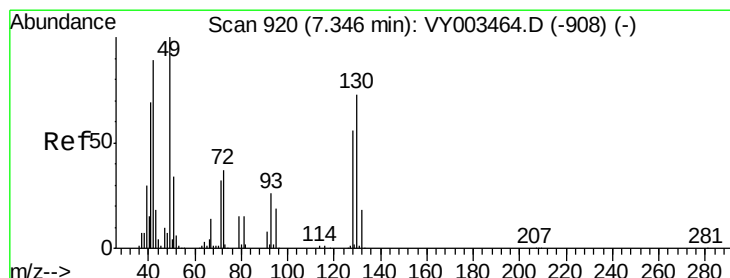
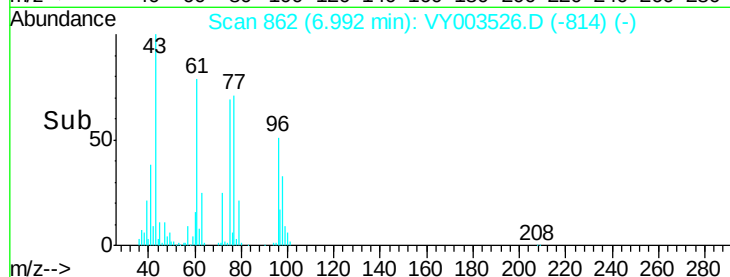
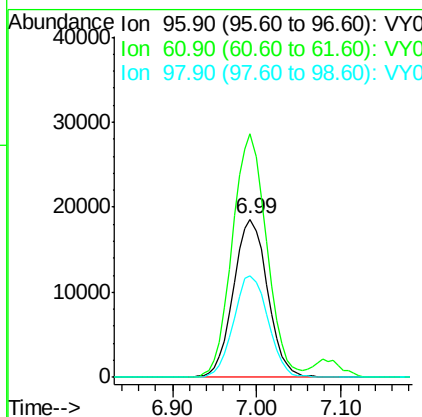
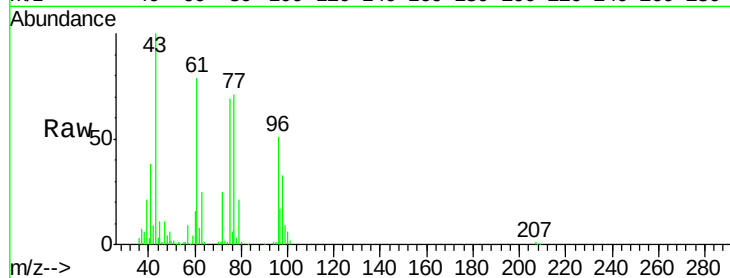


#27

cis-1,2-Dichloroethene
 Concen: 22.292 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

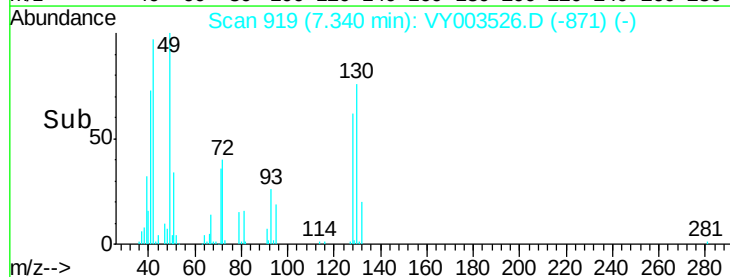
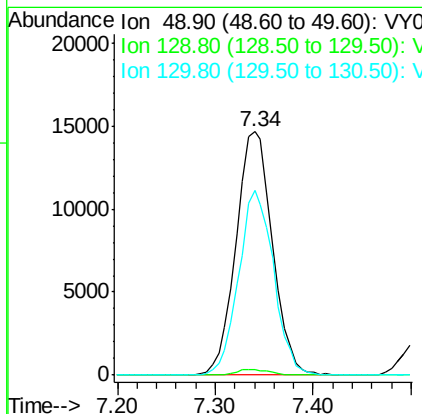
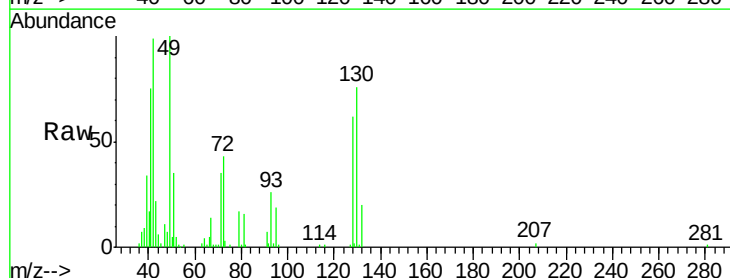
Tot Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	299.2
98	64.6	0.0	128.6

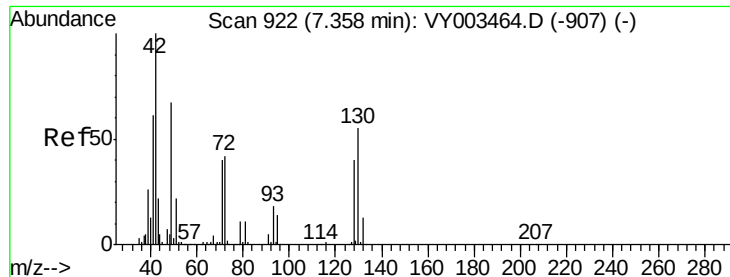


#28

Bromochloromethane
 Concen: 20.212 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	72.8	60.0	90.0

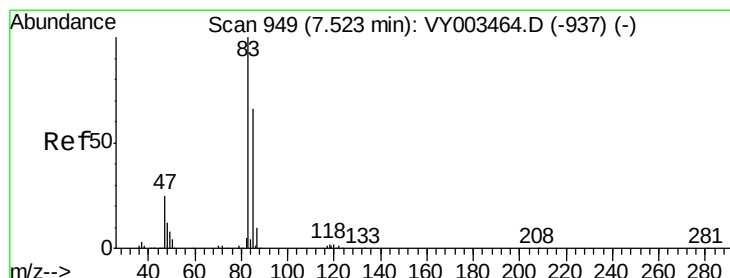
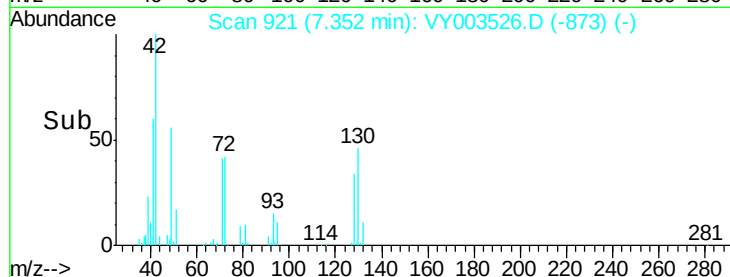
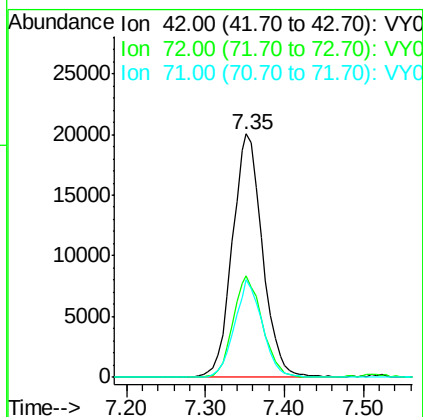
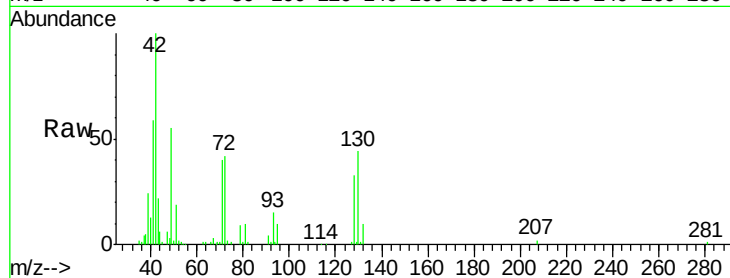




#29
Tetrahydrofuran
Concen: 107.407 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

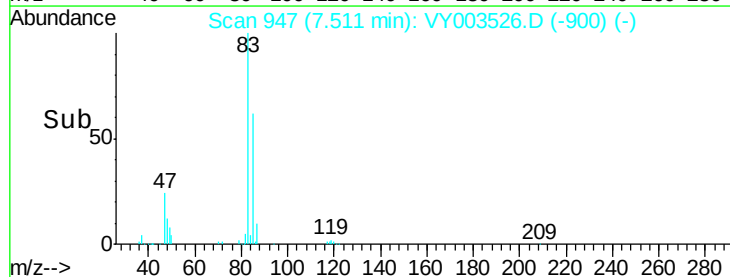
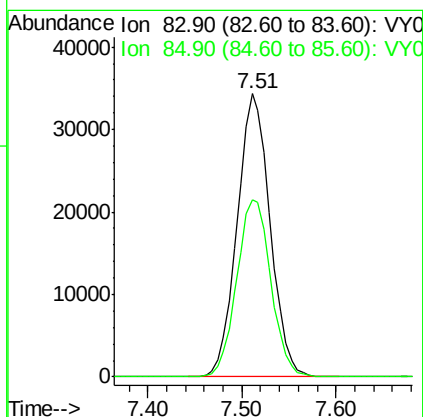
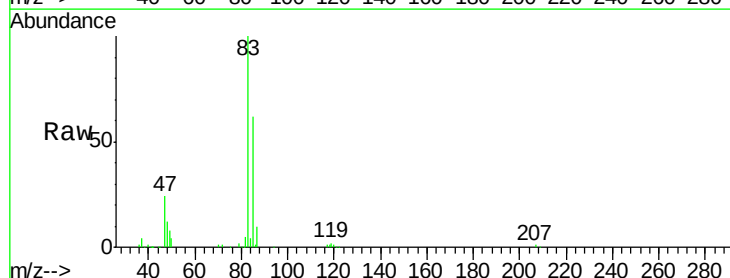
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

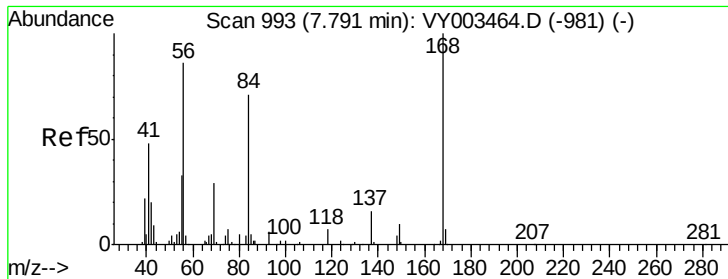
Tot Ion: 42 Resp: 53270
Ion Ratio Lower Upper
42 100
72 40.3 32.8 49.2
71 37.0 30.7 46.1



#30
Chloroform
Concen: 22.897 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 83 Resp: 83749
Ion Ratio Lower Upper
83 100
85 62.4 52.6 79.0

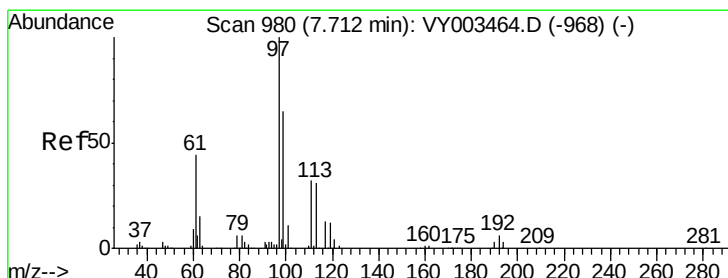
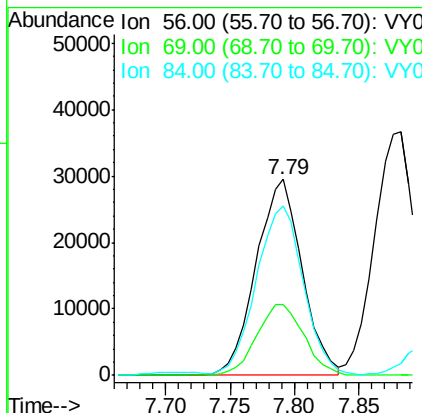
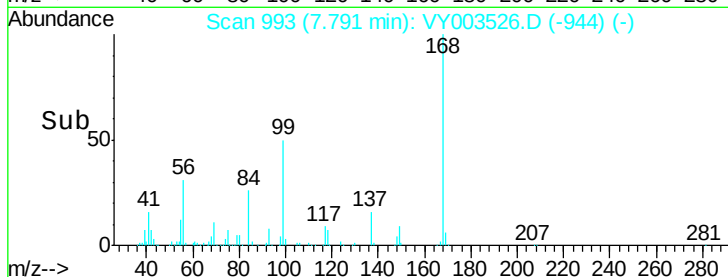
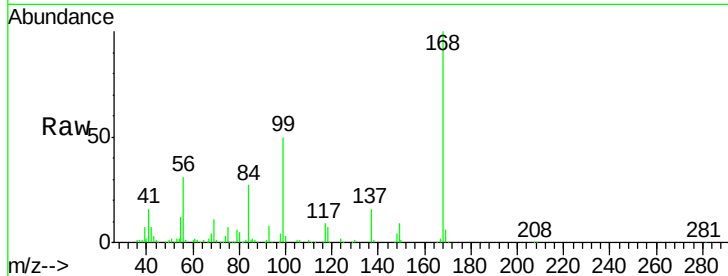




#31
Cyclohexane
Concen: 21.191 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

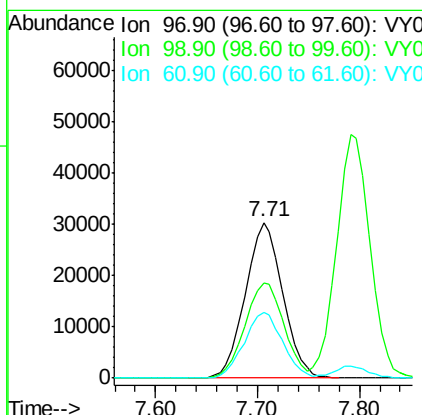
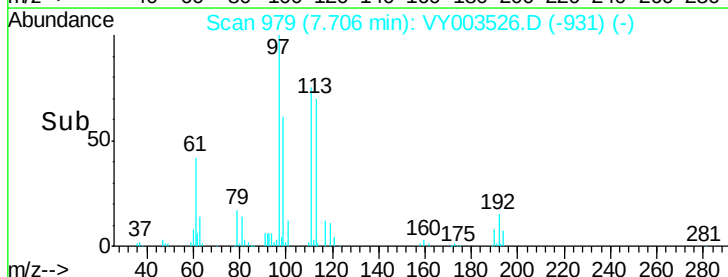
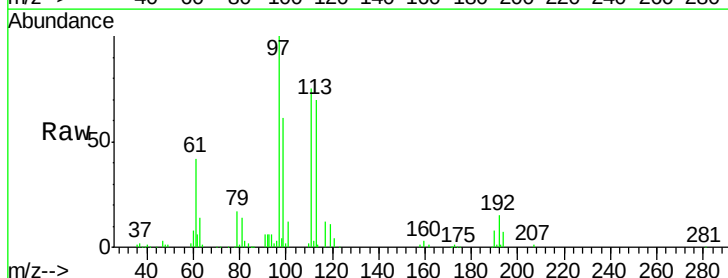
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

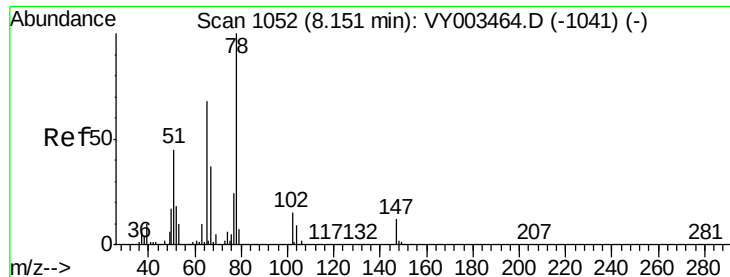
Tot Ion: 56 Resp: 73068
Ion Ratio Lower Upper
56 100
69 36.1 26.6 39.8
84 85.0 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 22.630 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 97 Resp: 77218
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 43.6 35.1 52.7

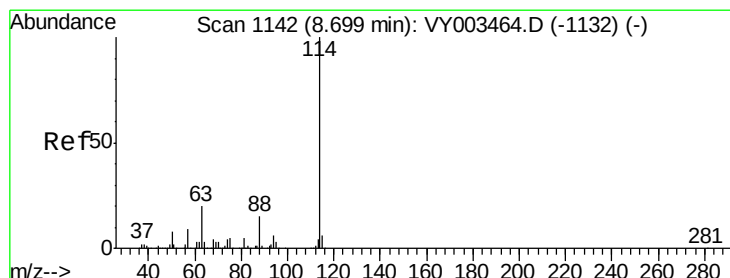
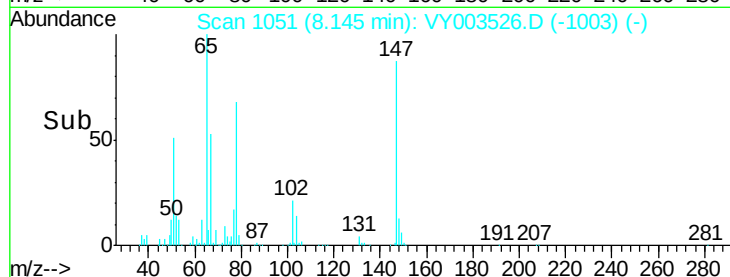
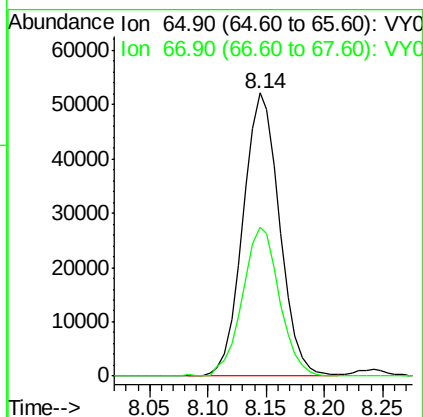
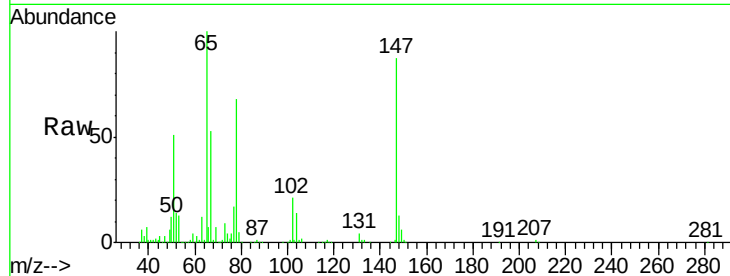




#33
 1,2-Dichloroethane-d4
 Concen: 49.778 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

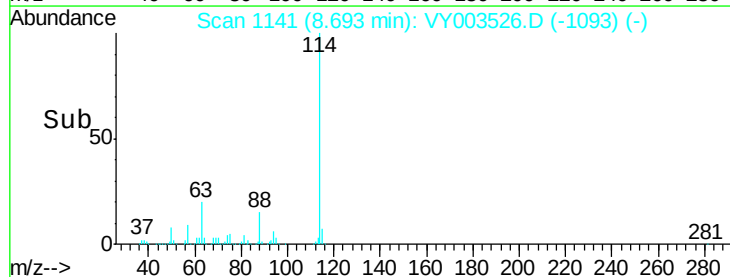
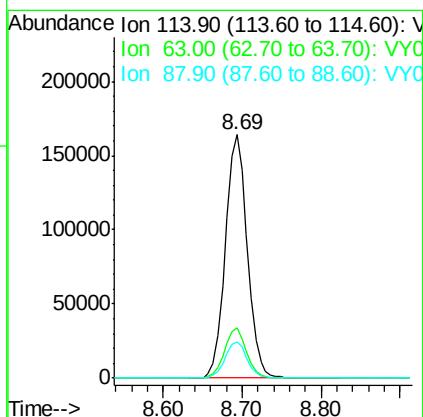
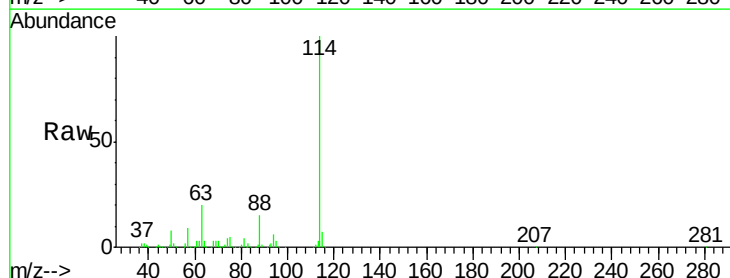
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

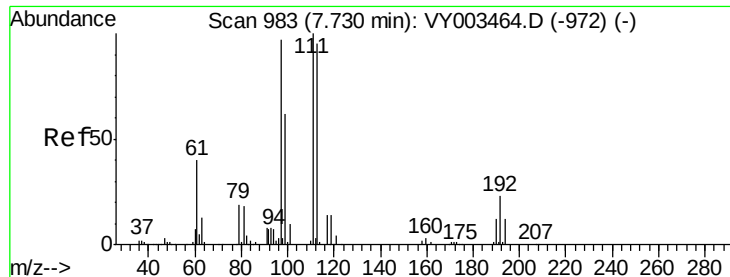
Tot Ion: 65 Resp: 114514
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion: 114 Resp: 316108
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 14.7 0.0 29.4

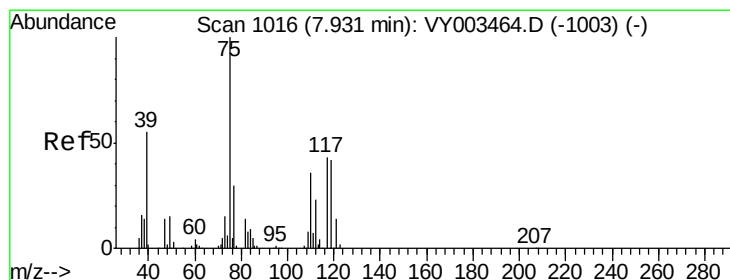
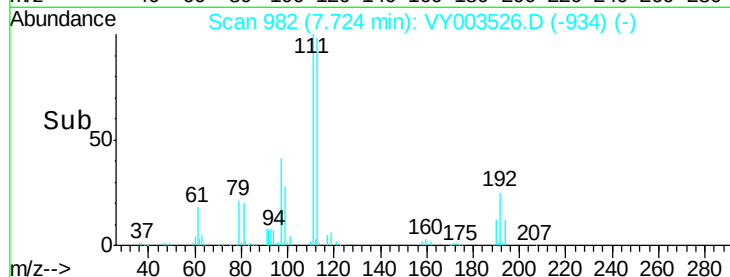
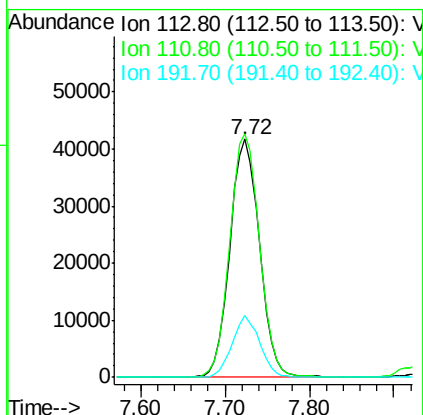
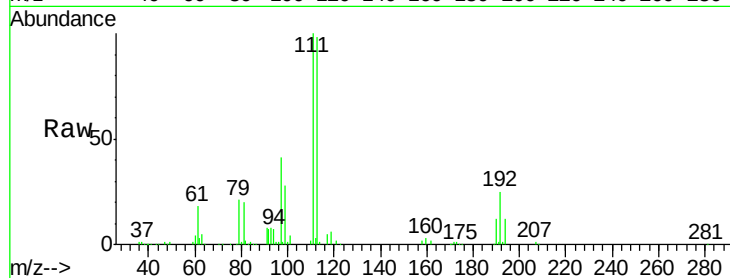




#35
 Dibromofluoromethane
 Concen: 51.475 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

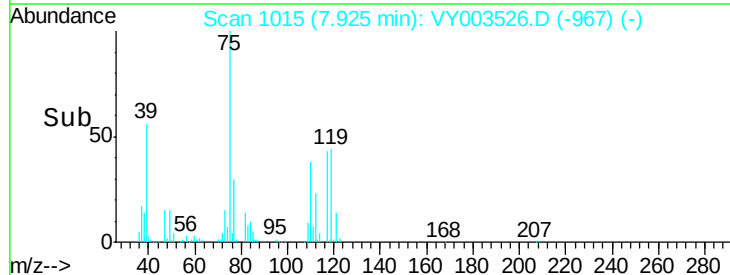
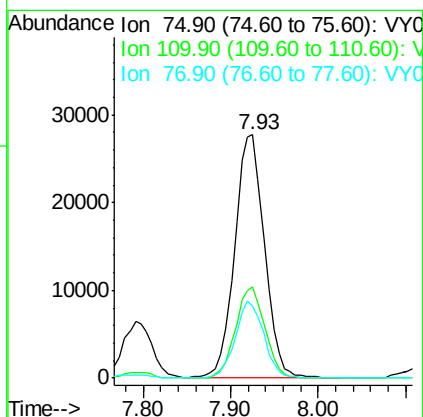
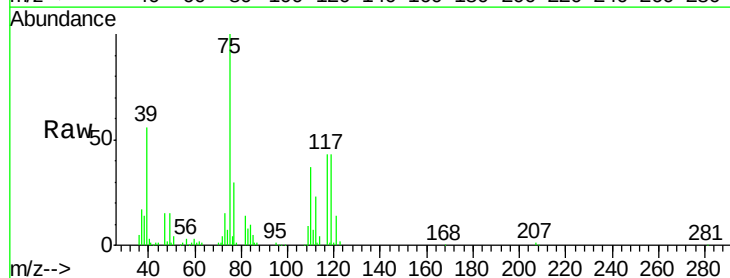
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBSD01

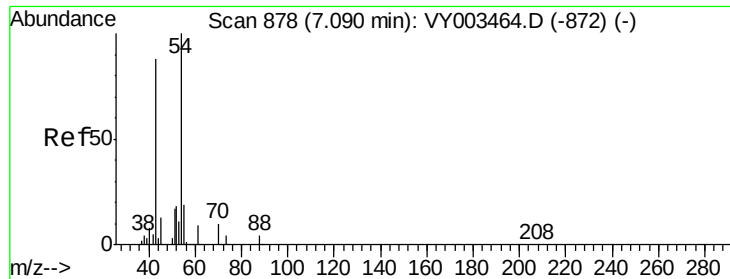
Tot Ion:113 Resp: 99017
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 24.1 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 22.108 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion: 75 Resp: 65890
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.6 52.9
 77 30.2 24.7 37.1

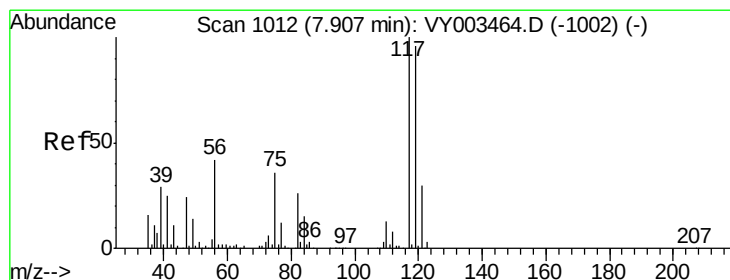
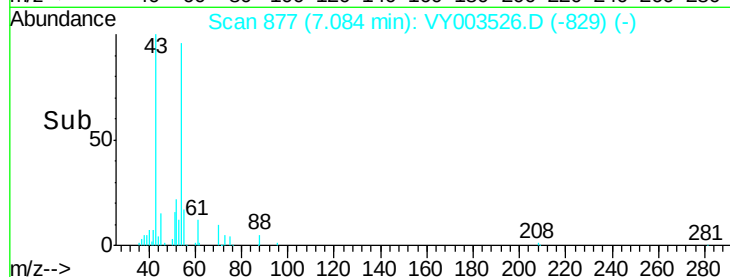
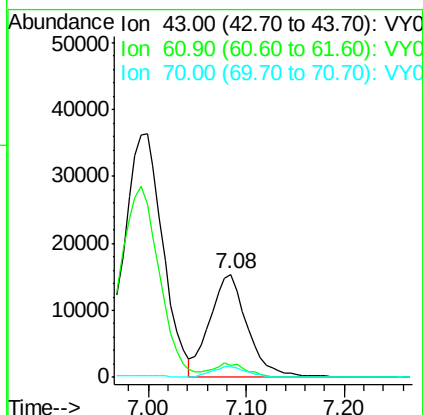
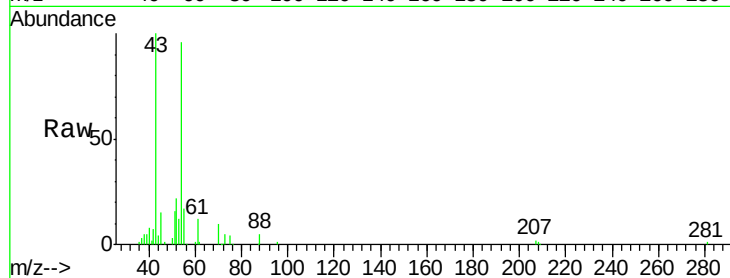




#37
Ethyl Acetate
Concen: 21.873 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

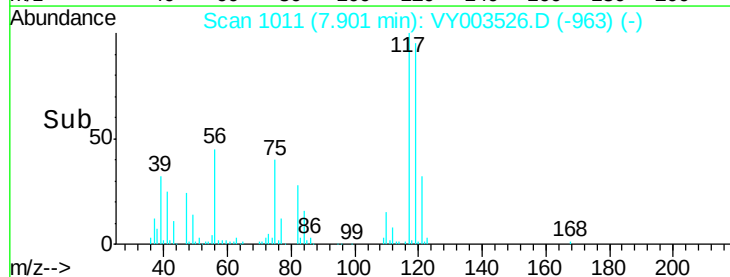
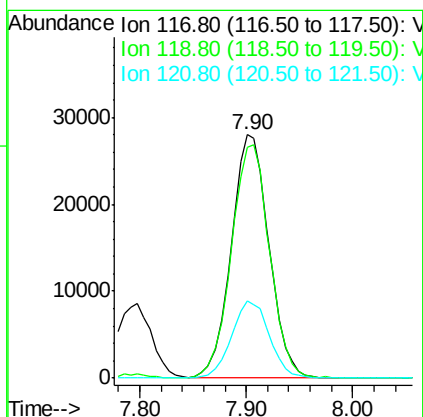
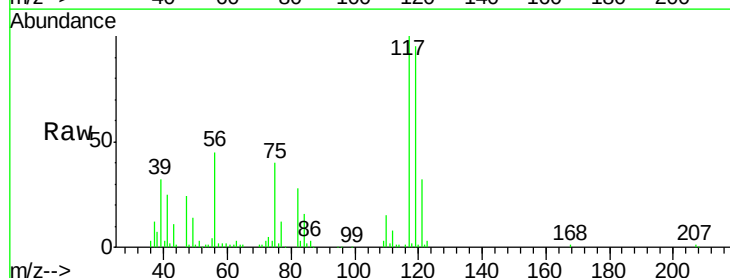
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

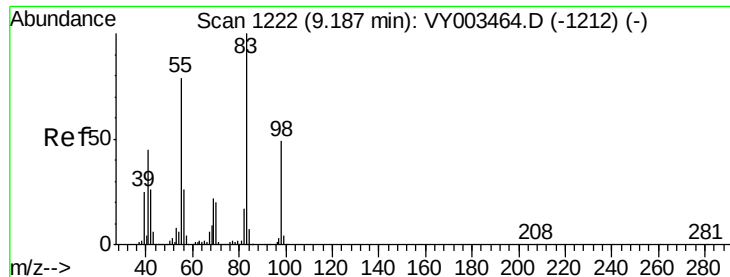
Tot Ion: 43 Resp: 40480
Ion Ratio Lower Upper
43 100
61 12.6 11.0 16.6
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 22.483 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 117 Resp: 69516
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4
121 31.9 24.2 36.4

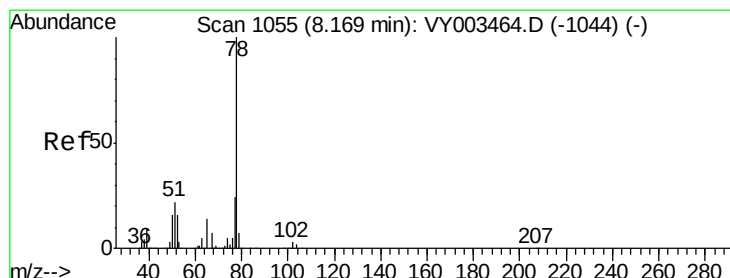
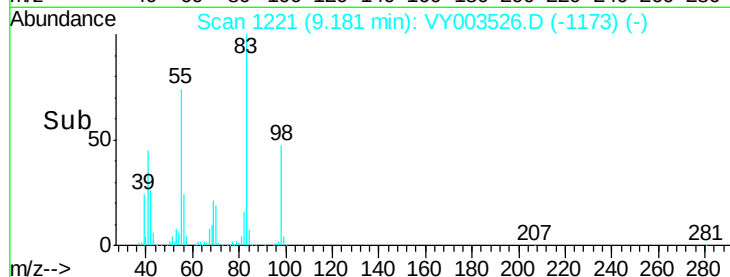
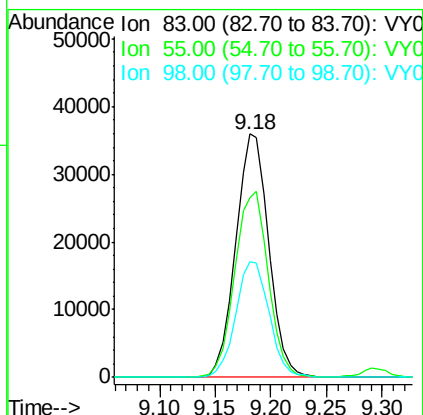
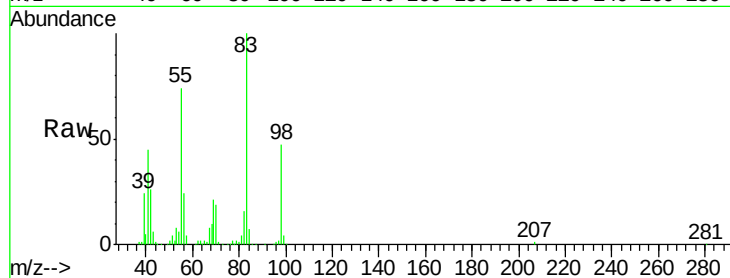




#39
Methylcyclohexane
Concen: 22.210 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

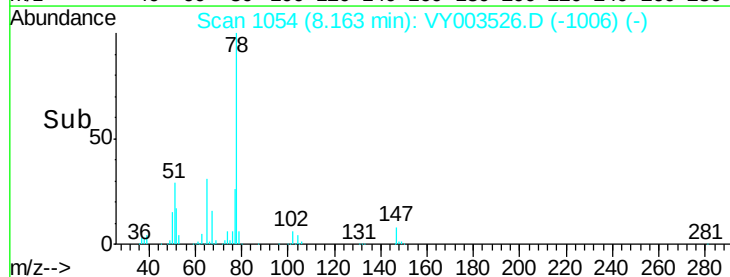
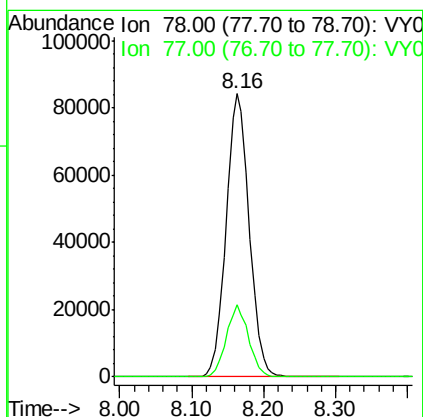
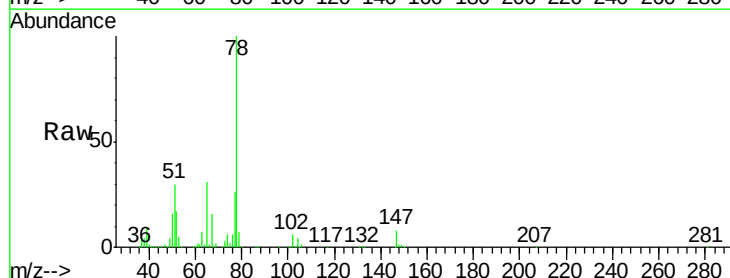
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

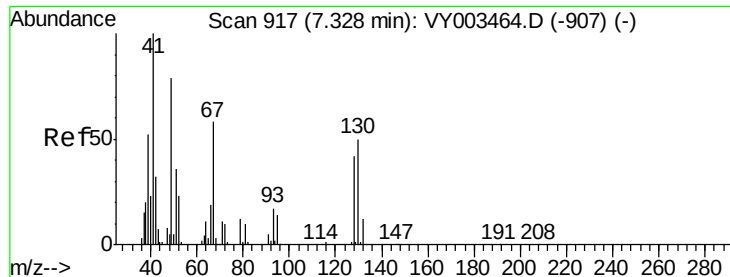
Ion	Ratio	Lower	Upper
83	100		
55	73.9	63.5	95.3
98	47.5	39.4	59.2



#40
Benzene
Concen: 22.555 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.7	19.4	29.0

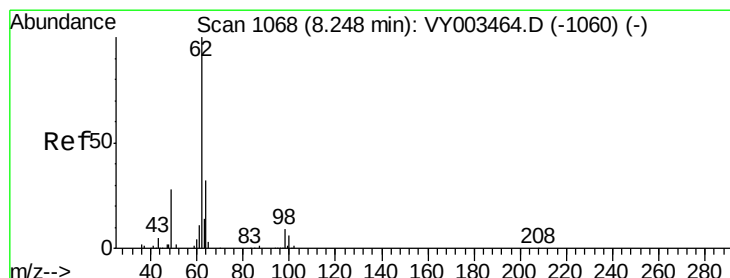
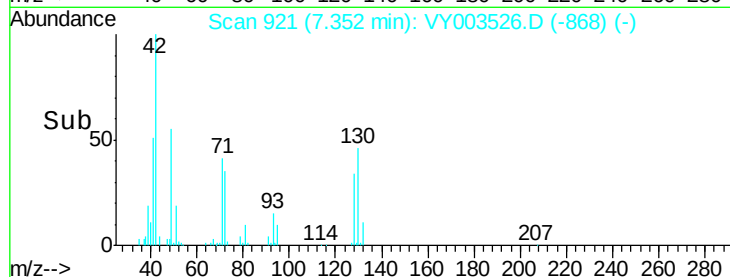
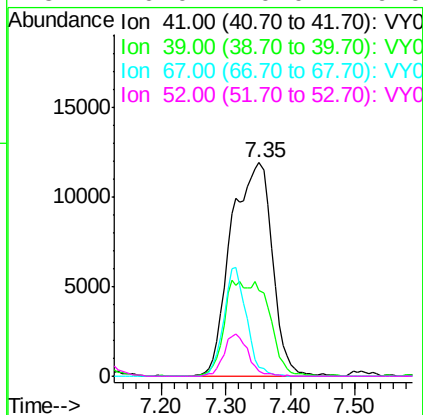
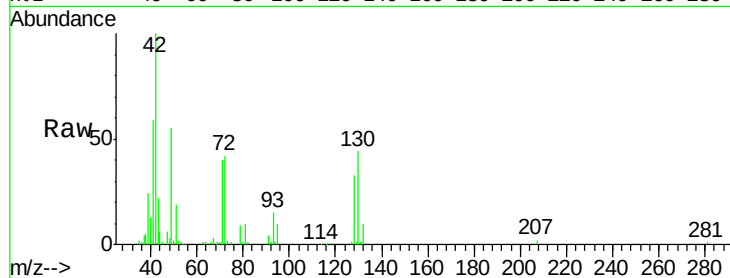




#41
Methacrylonitrile
Concen: 53.348 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

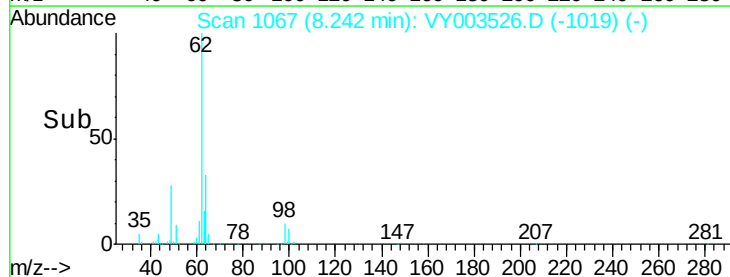
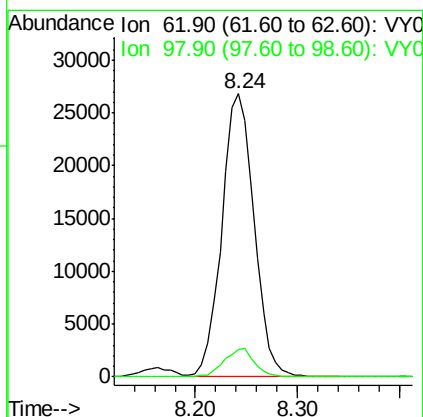
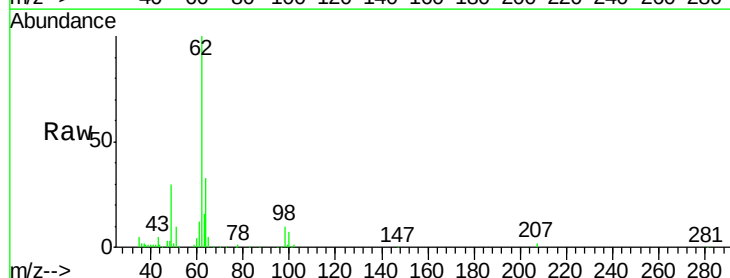
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

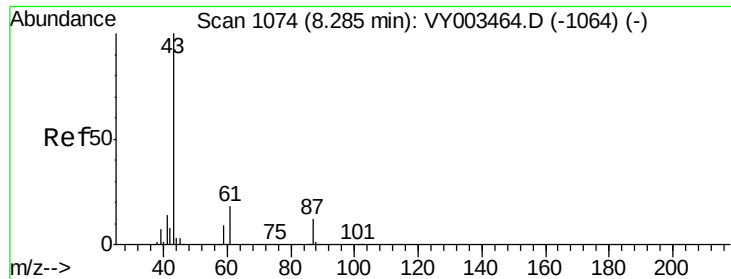
Tot Ion:	41	Resp:	52723
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 22.638 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion:	62	Resp:	58832
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





#43

Isopropyl Acetate

Concen: 22.198 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

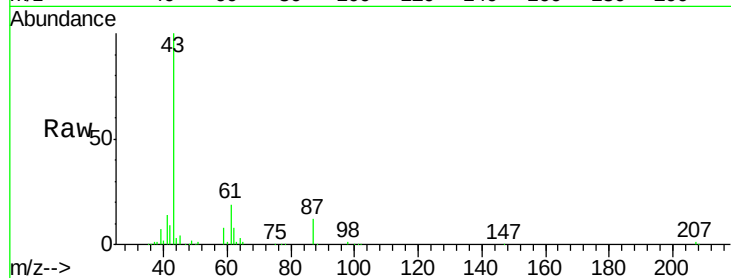
Tot Ion: 43 Resp: 73832

Ion Ratio Lower Upper

43 100

61 28.1 21.9 32.9

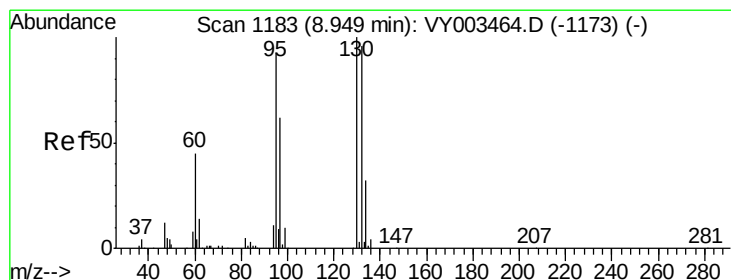
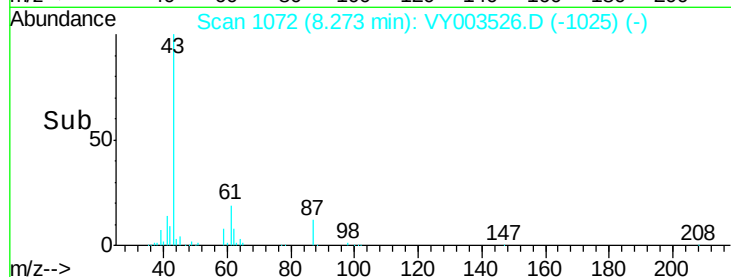
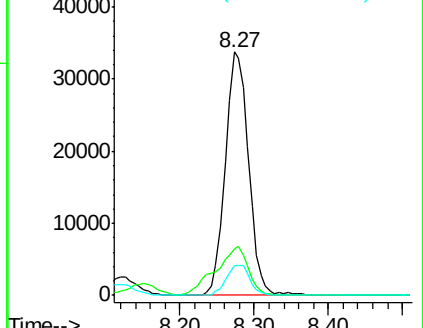
87 12.8 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003526.D (-1072) (-)

Ion 61.00 (60.70 to 61.70): VY003526.D (-1072) (-)

Ion 87.00 (86.70 to 87.70): VY003526.D (-1072) (-)



#44

Trichloroethene

Concen: 23.246 ug/l

RT: 8.94 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VY003526.D

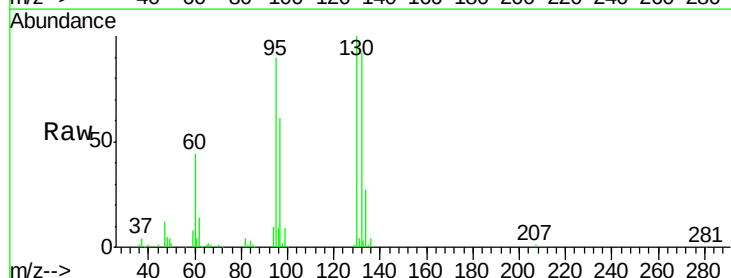
Acq: 12 Nov 2020 11:28

Tgt Ion:130 Resp: 54126

Ion Ratio Lower Upper

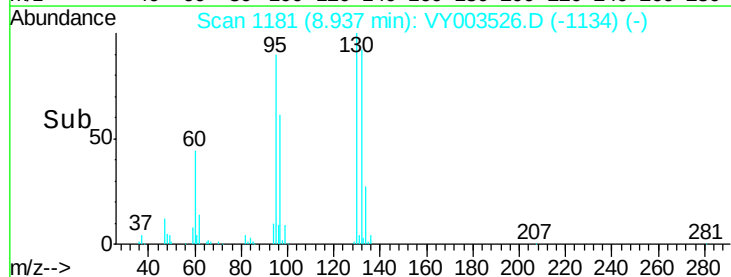
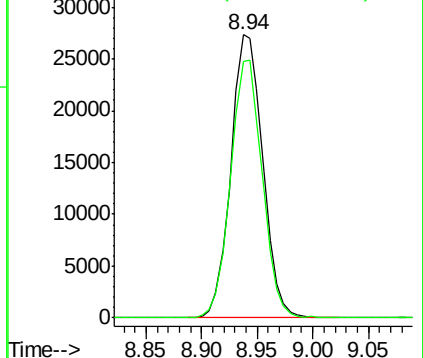
130 100

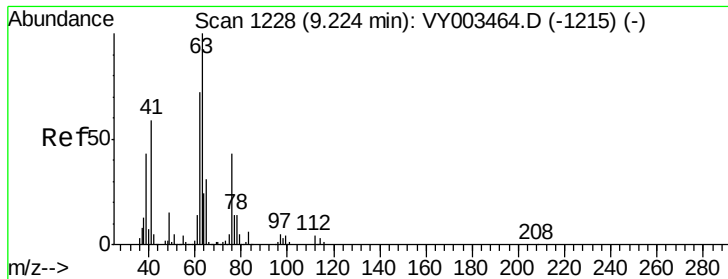
95 90.5 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003526.D (-1181) (-)

Ion 94.90 (94.60 to 95.60): VY003526.D (-1181) (-)

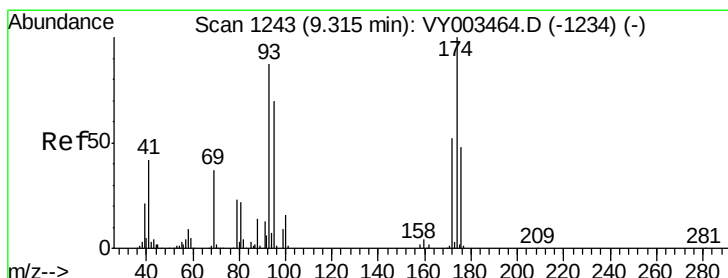
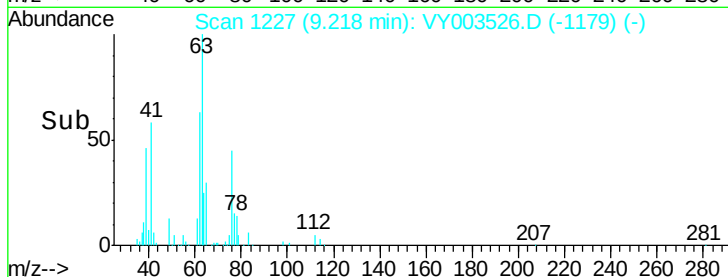
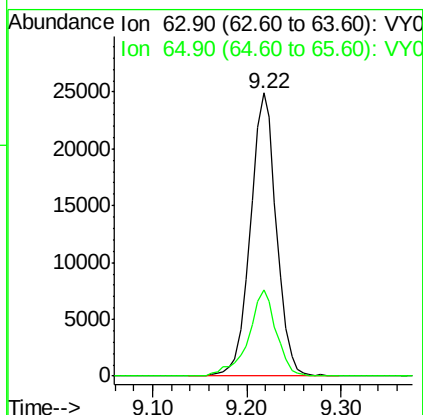
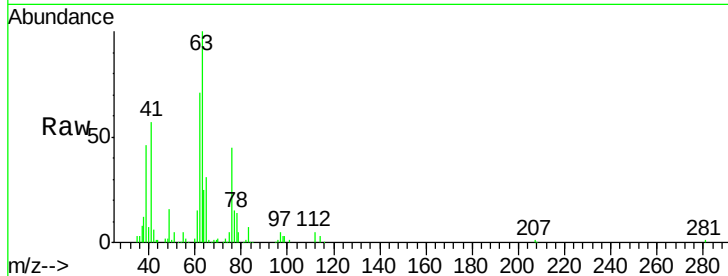




#45
 1,2-Dichloropropane
 Concen: 23.075 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

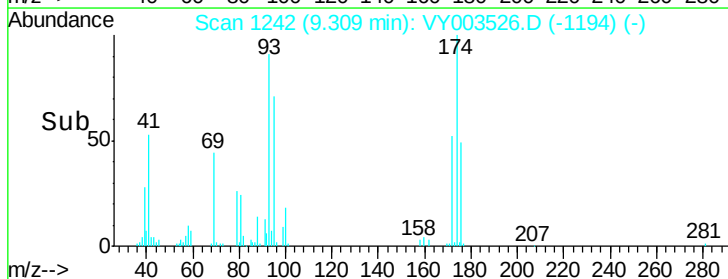
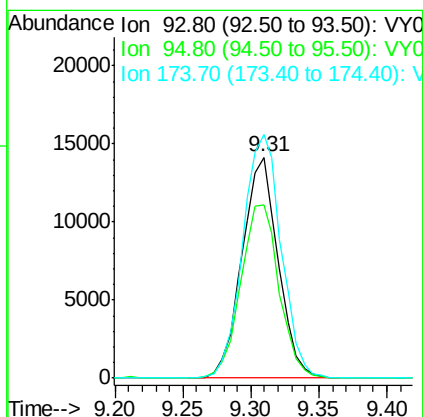
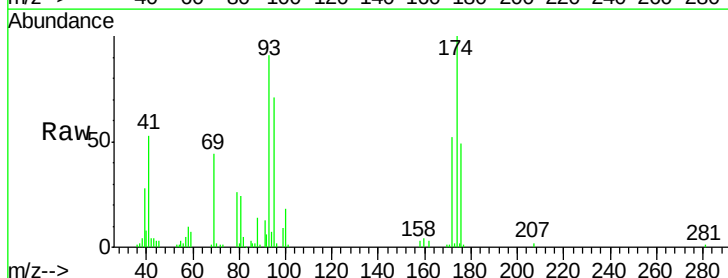
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBSD01

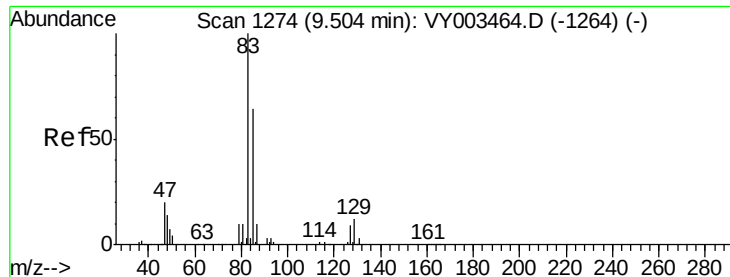
Tot Ion: 63 Resp: 48332
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#46
 Dibromomethane
 Concen: 22.776 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion: 93 Resp: 26246
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.0 97.6
 174 117.2 91.8 137.6





#47

Bromodichloromethane

Concen: 23.635 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

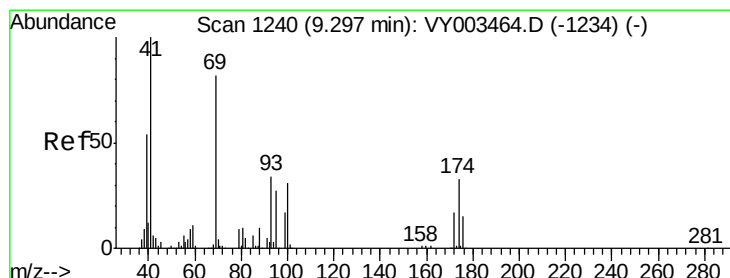
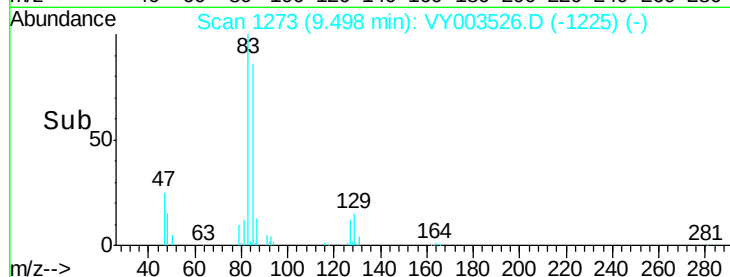
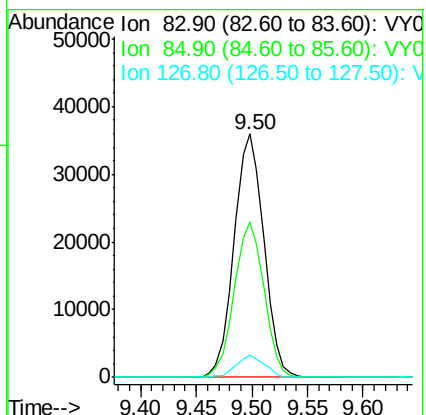
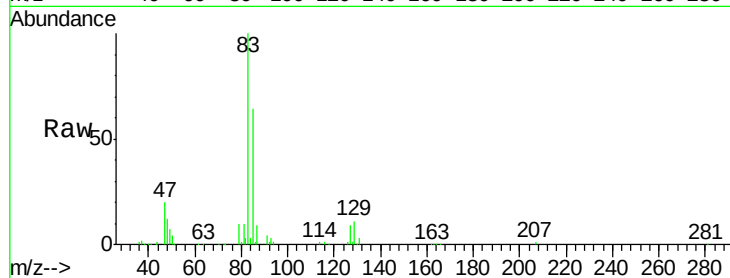
Tot Ion: 83 Resp: 66662

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.6

127 9.0 7.1 10.7



#48

Methyl methacrylate

Concen: 21.865 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

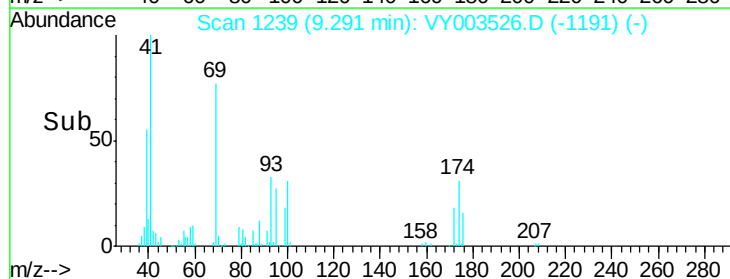
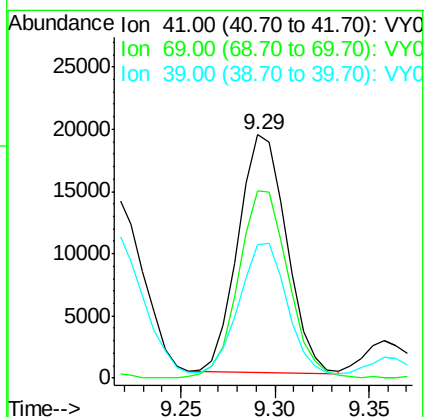
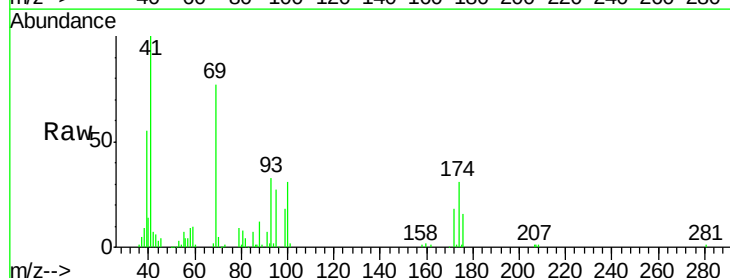
Tgt Ion: 41 Resp: 34258

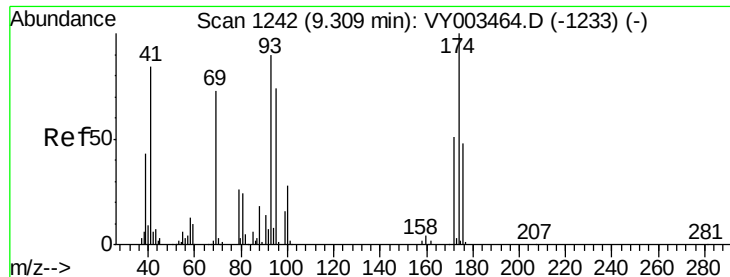
Ion Ratio Lower Upper

41 100

69 80.6 65.9 98.9

39 58.5 43.2 64.8





#49

1,4-Dioxane

Concen: 458.671 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

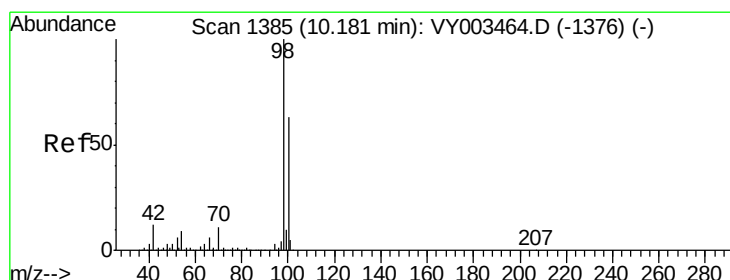
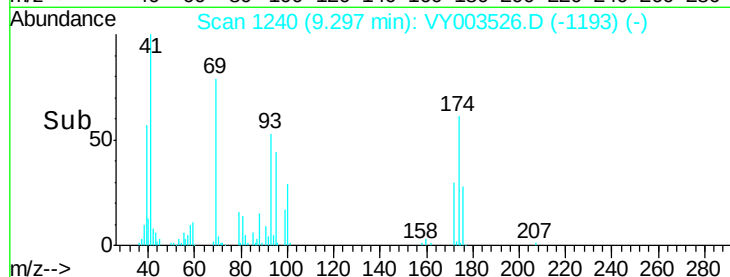
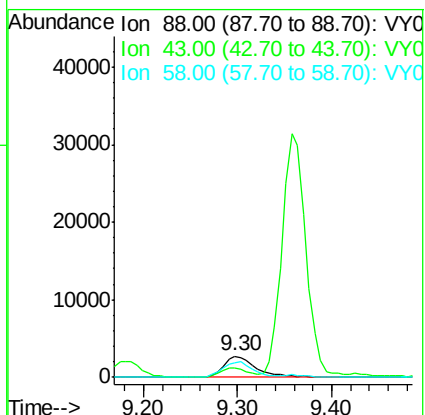
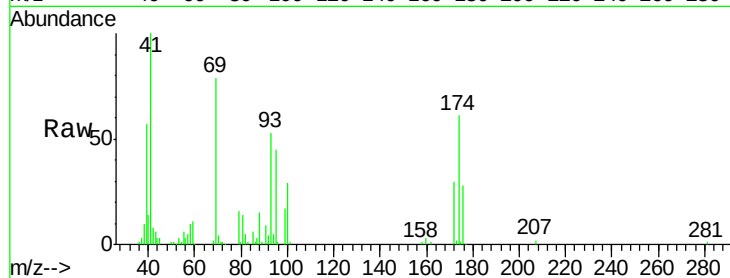
Tot Ion: 88 Resp: 6595

Ion Ratio Lower Upper

88 100

43 36.8 27.6 41.4

58 67.4 54.2 81.2



#50

Toluene-d8

Concen: 49.772 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003526.D

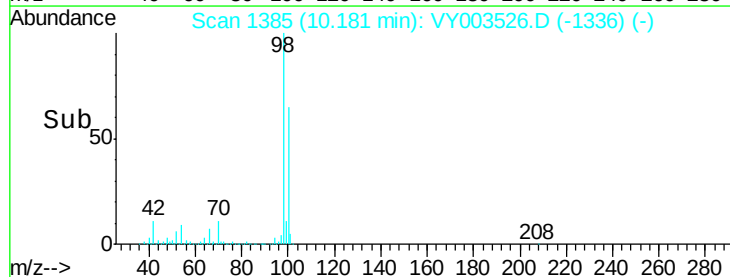
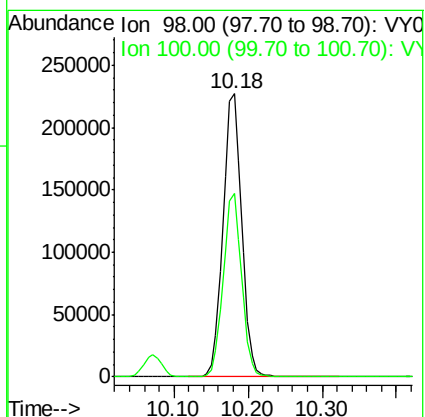
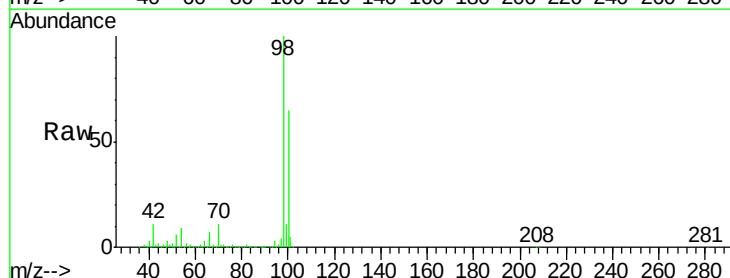
Acq: 12 Nov 2020 11:28

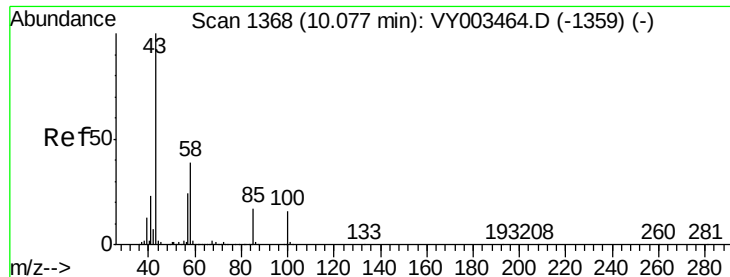
Tgt Ion: 98 Resp: 398288

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

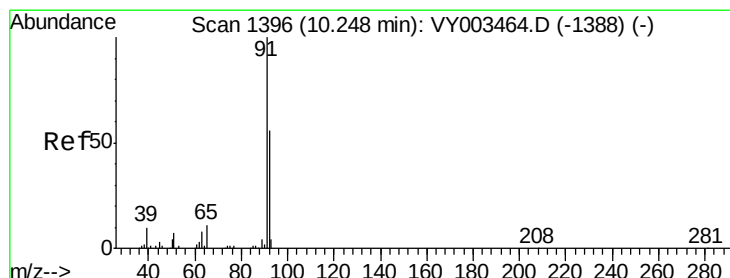
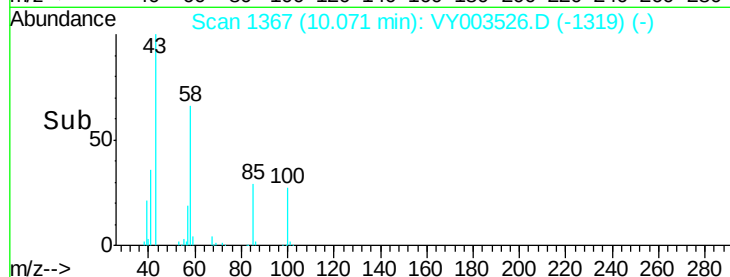
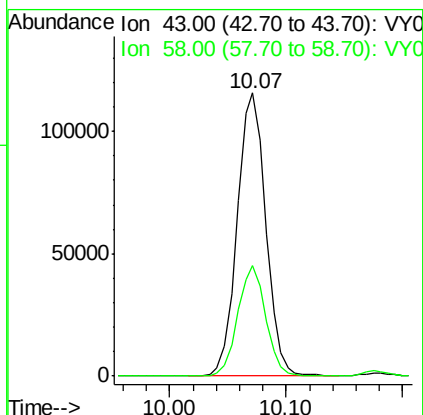
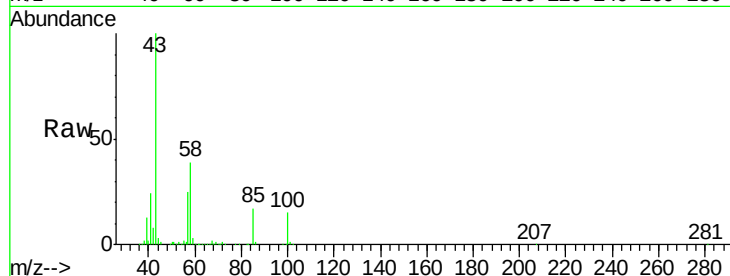




#51
4-Methyl-2-Pentanone
Concen: 111.770 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

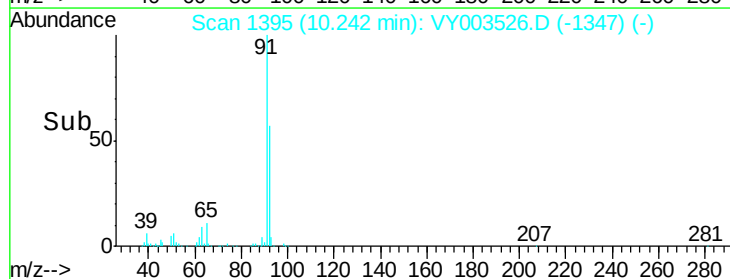
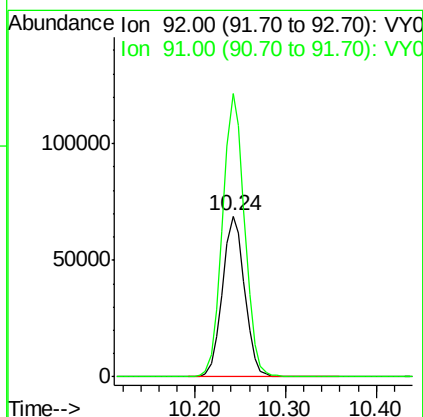
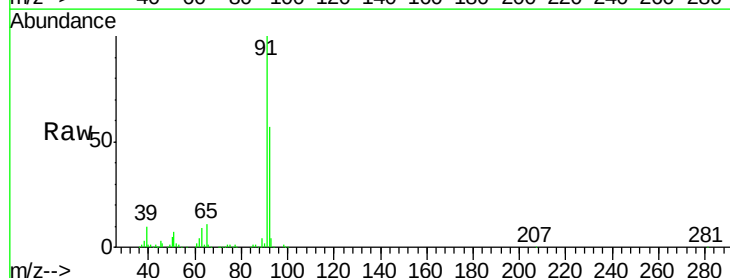
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

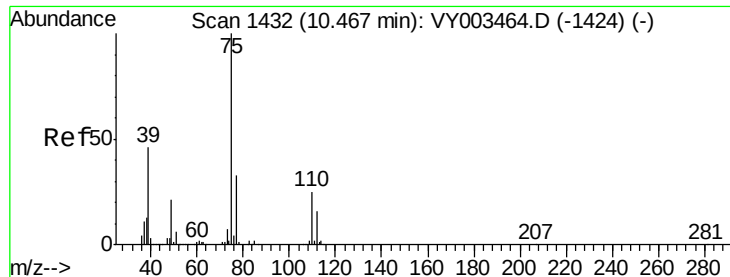
Tot Ion: 43 Resp: 198068
Ion Ratio Lower Upper
43 100
58 38.1 31.0 46.4



#52
Toluene
Concen: 22.718 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 92 Resp: 117855
Ion Ratio Lower Upper
92 100
91 175.2 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 22.852 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

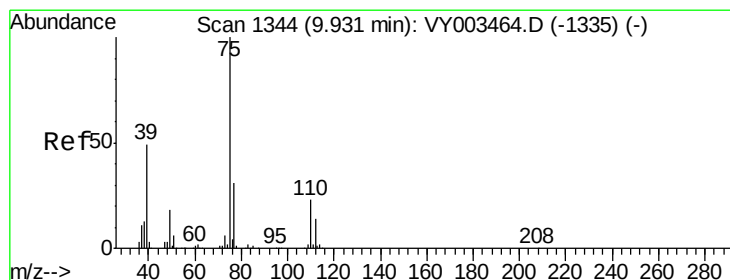
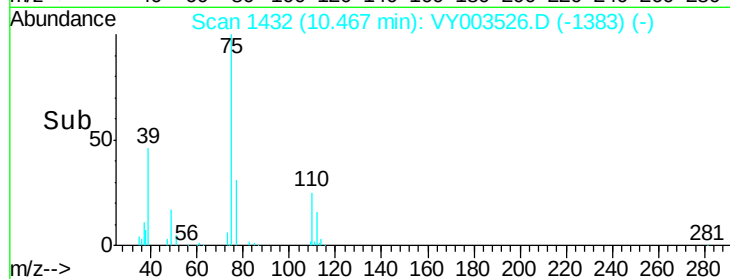
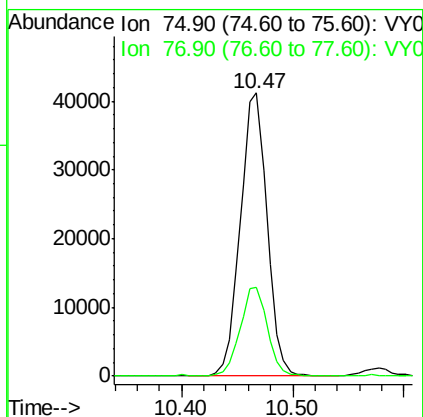
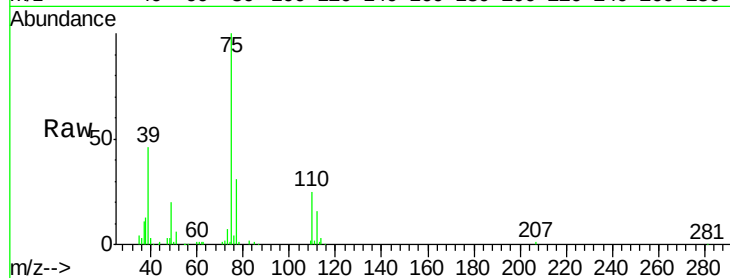
VY1112SBS01

Tot Ion: 75 Resp: 68592

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 23.067 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

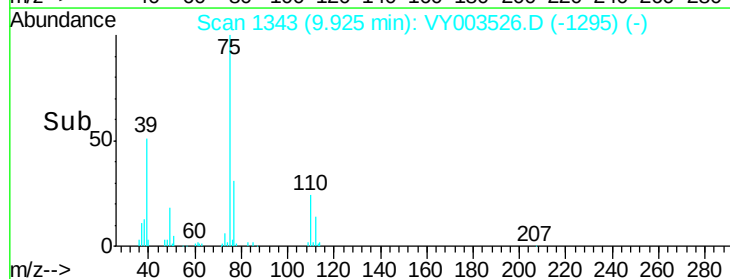
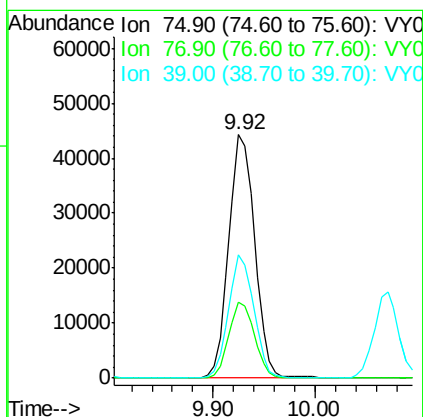
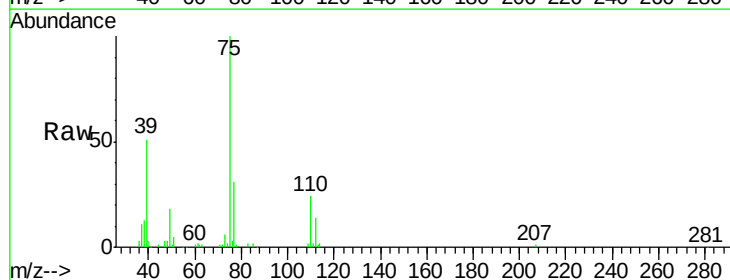
Tgt Ion: 75 Resp: 77913

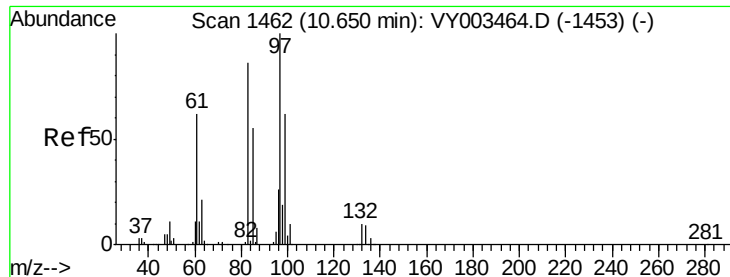
Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7

39 50.7 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 22.885 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

Tot Ion: 97 Resp: 37435

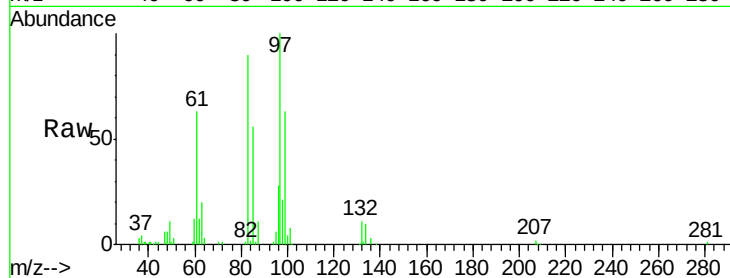
Ion Ratio Lower Upper

97 100

83 90.1 68.6 102.8

85 55.7 43.8 65.6

99 62.6 49.9 74.9

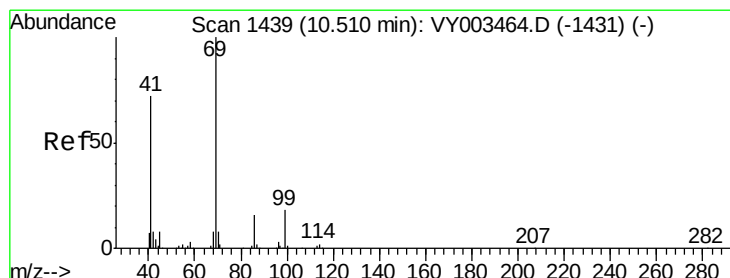
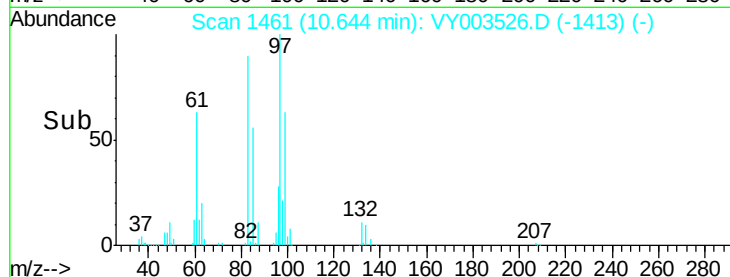
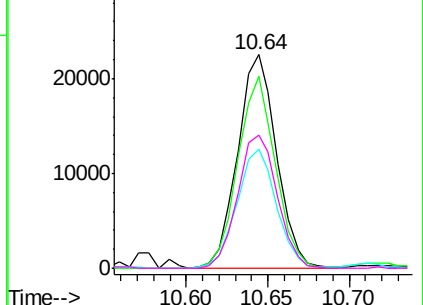


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 22.569 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

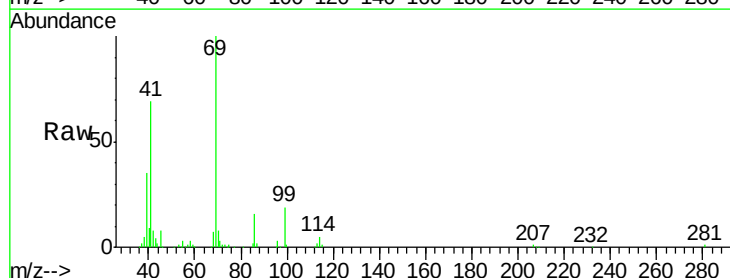
Tgt Ion: 69 Resp: 49450

Ion Ratio Lower Upper

69 100

41 70.1 55.4 83.2

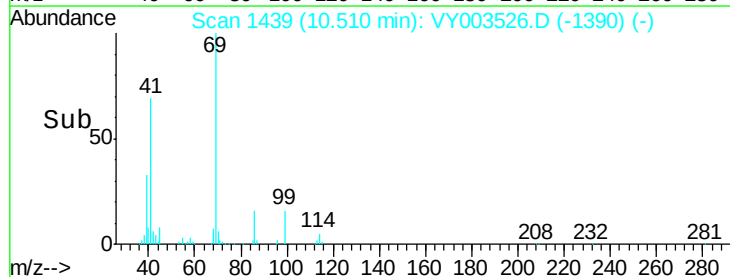
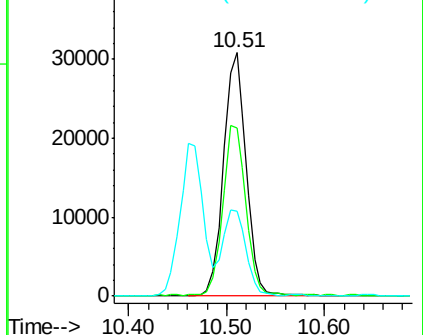
39 36.0 28.7 43.1

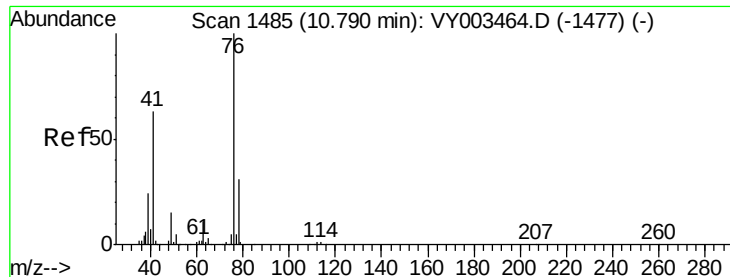


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 22.833 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

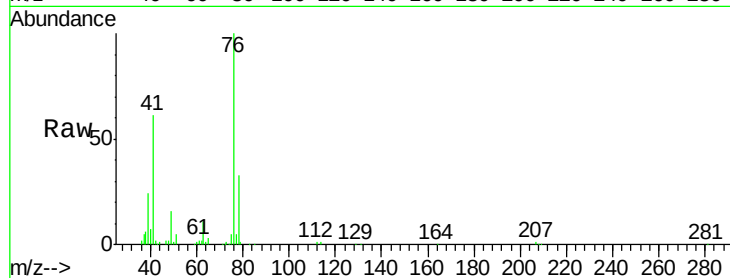
VY1112SBS01

Tot Ion: 76 Resp: 64947

Ion Ratio Lower Upper

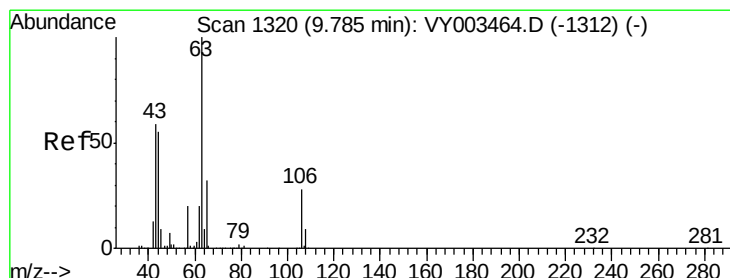
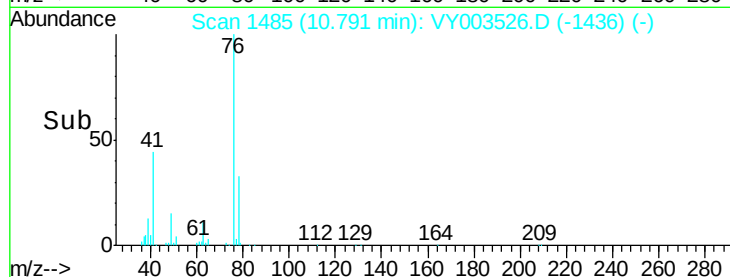
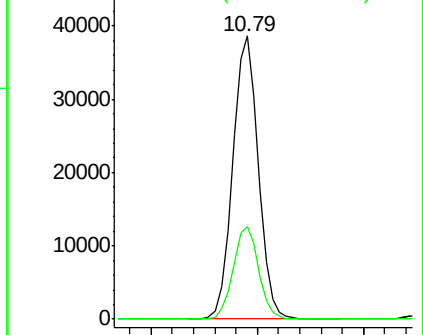
76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 117.110 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003526.D

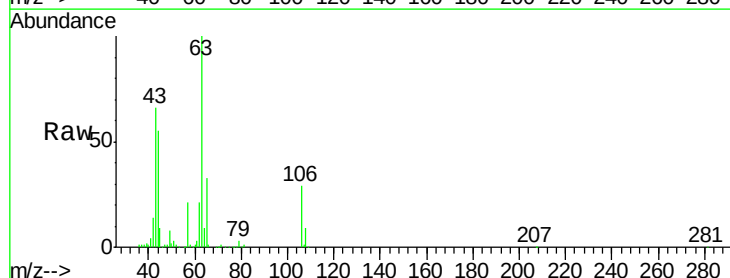
Acq: 12 Nov 2020 11:28

Tgt Ion: 63 Resp: 130079

Ion Ratio Lower Upper

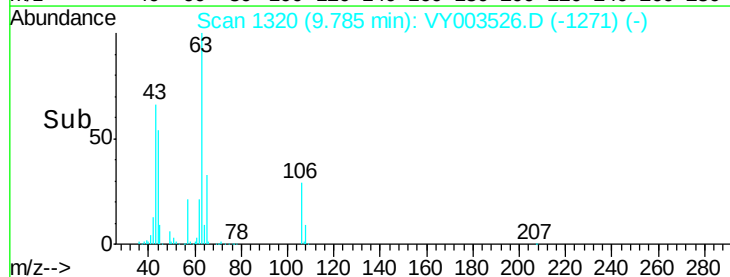
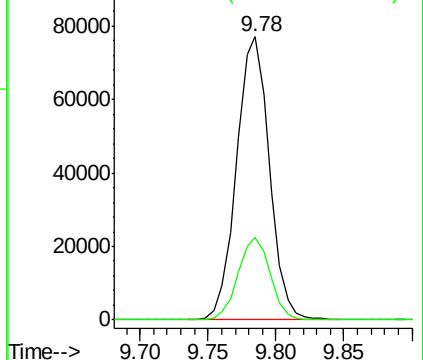
63 100

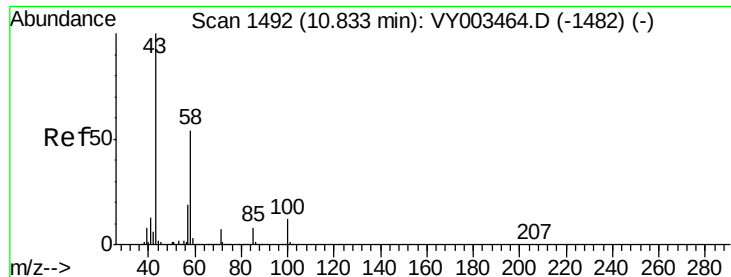
106 28.4 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

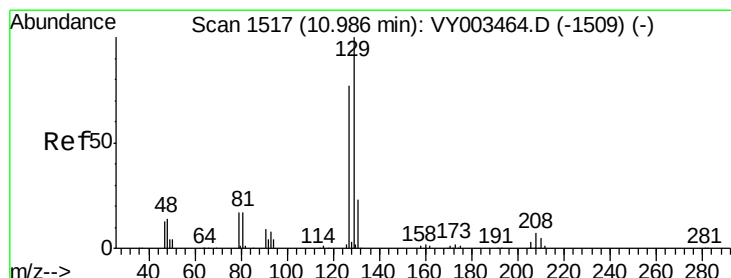
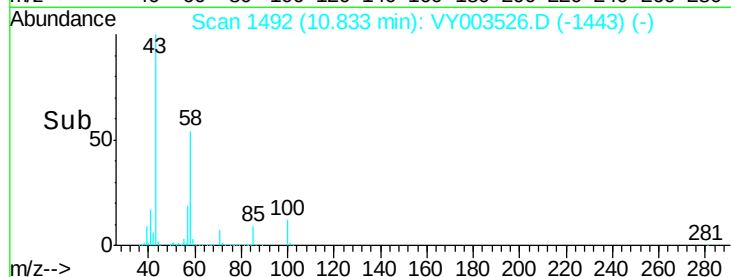
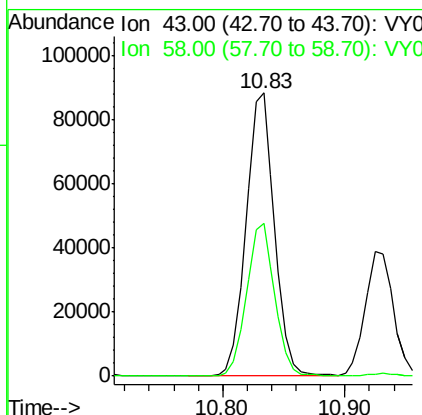
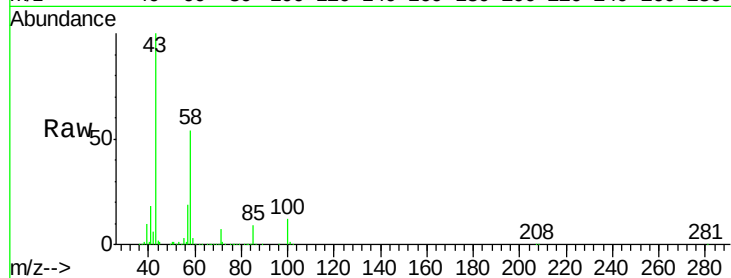




#59
2-Hexanone
Concen: 108.383 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

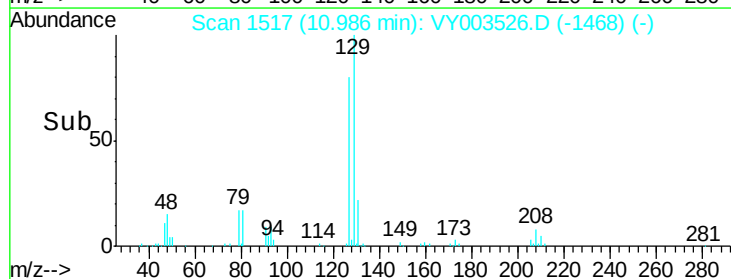
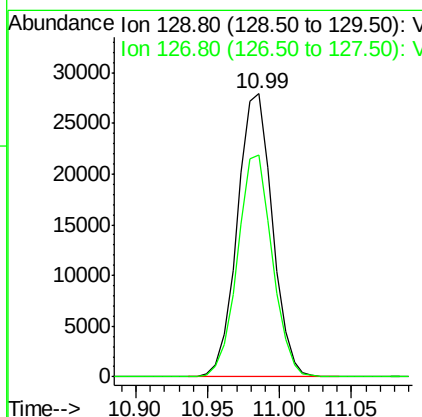
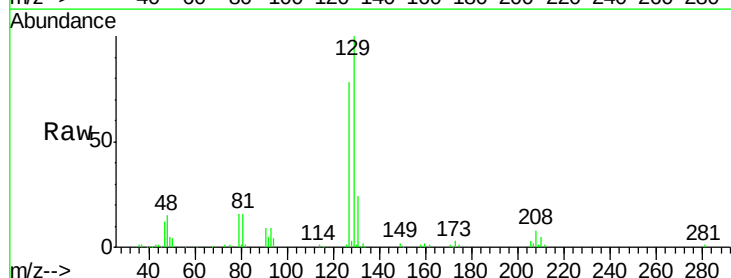
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

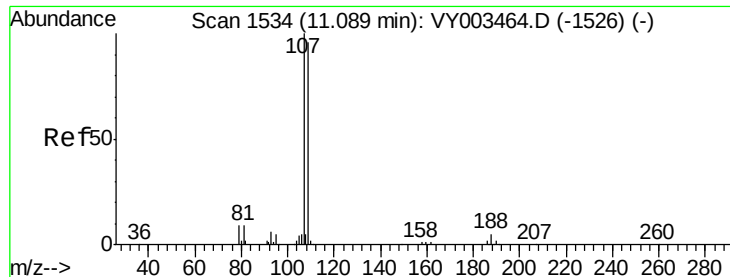
Tot Ion: 43 Resp: 142207
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.3



#60
Dibromochloromethane
Concen: 23.476 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 129 Resp: 47199
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 22.423 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

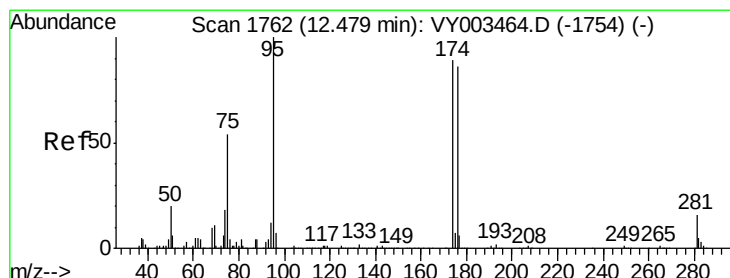
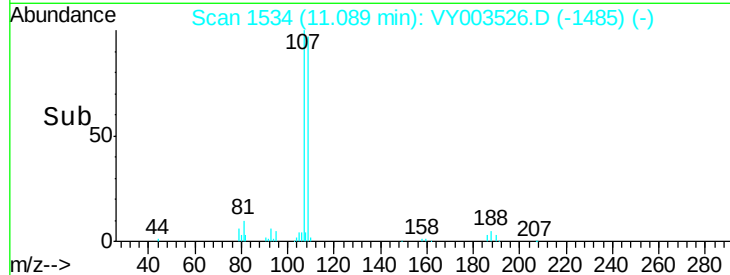
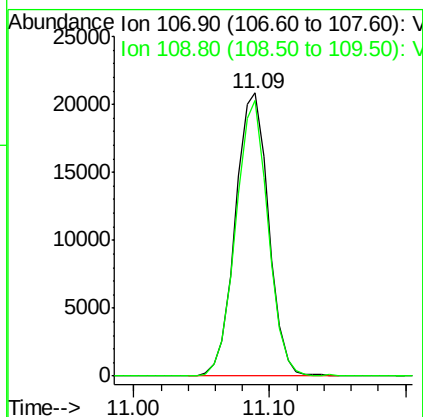
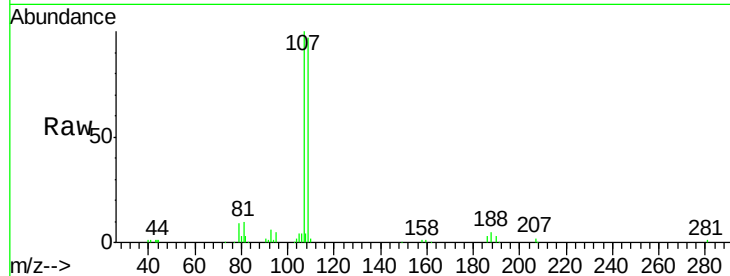
VY1112SBSD01

Tot Ion:107 Resp: 35411

Ion Ratio Lower Upper

107 100

109 95.0 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 50.838 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

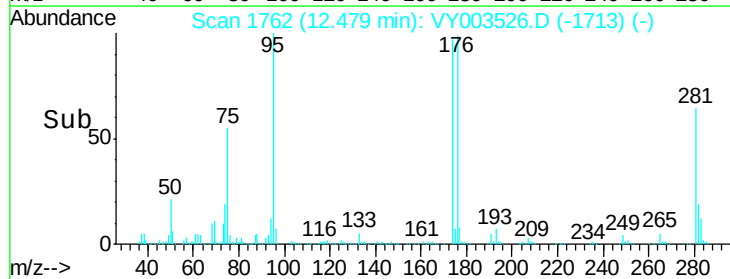
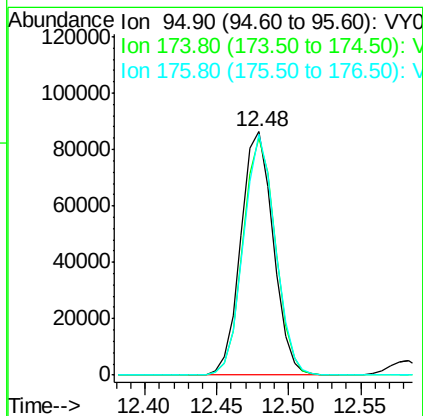
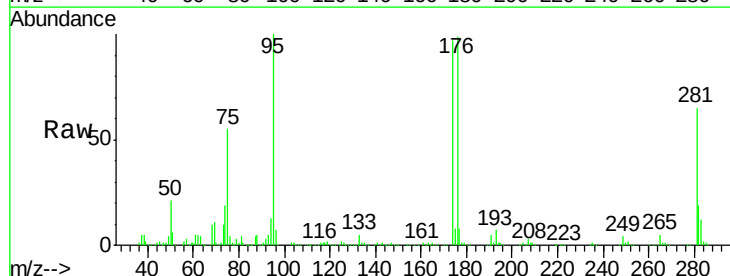
Tgt Ion: 95 Resp: 134791

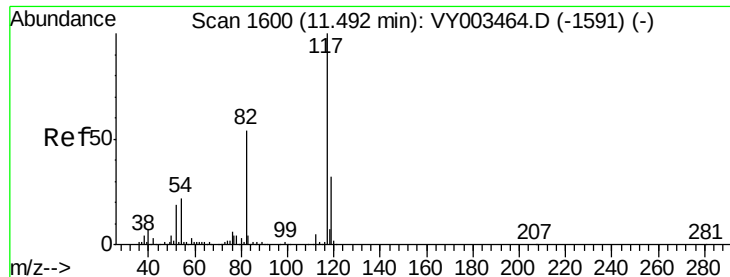
Ion Ratio Lower Upper

95 100

174 97.0 0.0 193.0

176 96.6 0.0 187.4

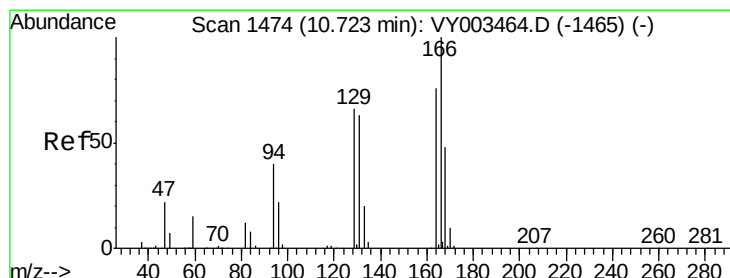
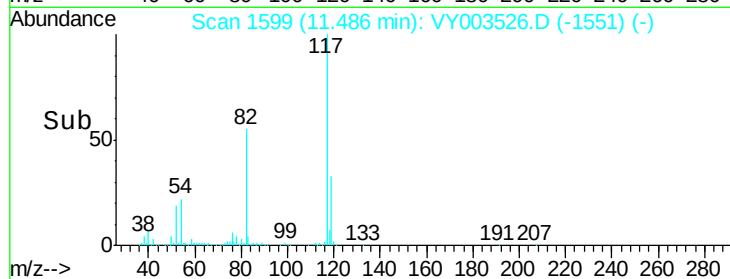
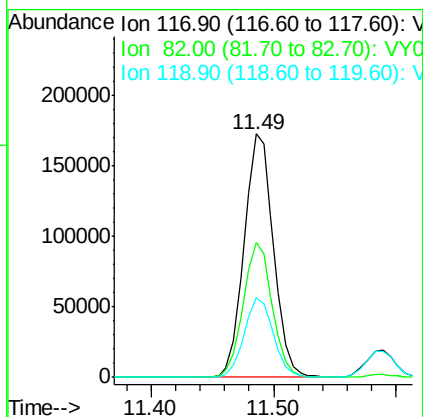
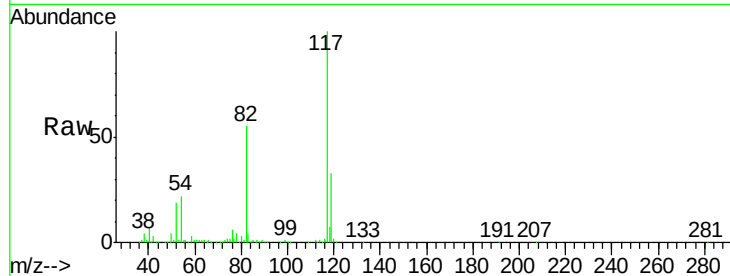




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

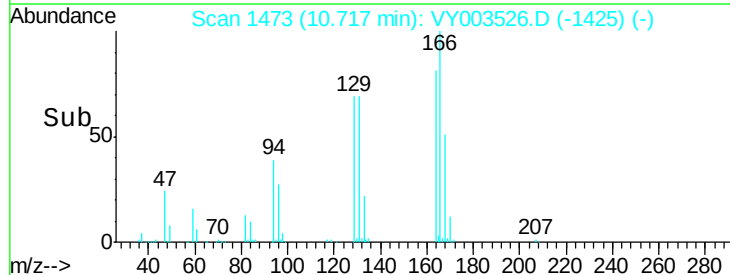
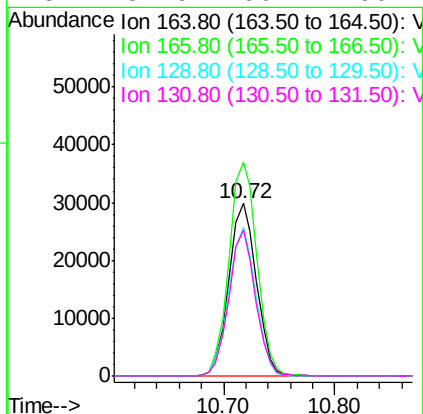
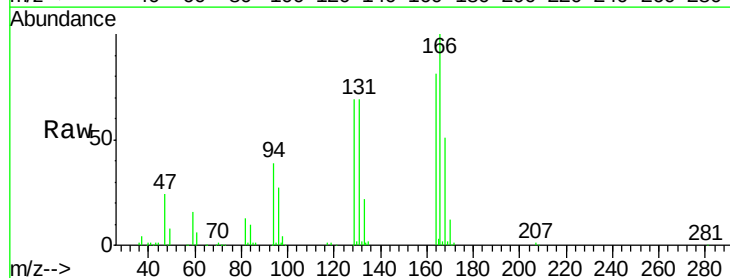
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

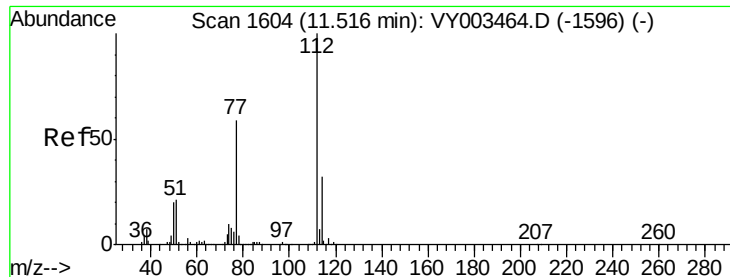
Tot Ion:117 Resp: 287922
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.2
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 23.907 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion:164 Resp: 51405
Ion Ratio Lower Upper
164 100
166 123.8 104.9 157.3
129 86.0 68.9 103.3
131 84.9 66.2 99.2

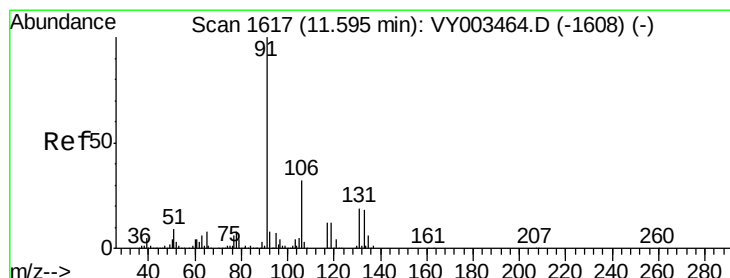
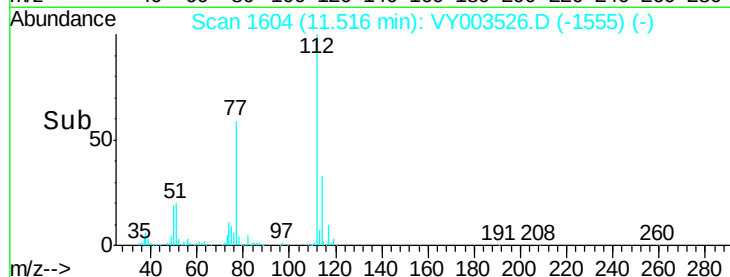
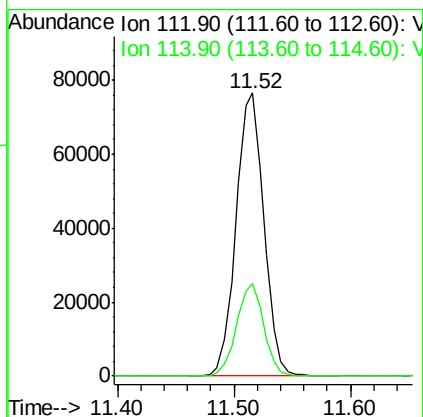
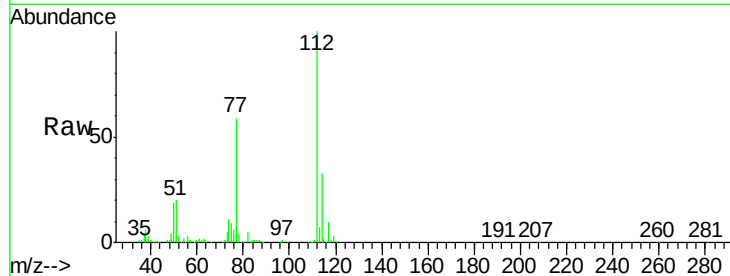




#65
Chlorobenzene
Concen: 22.795 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

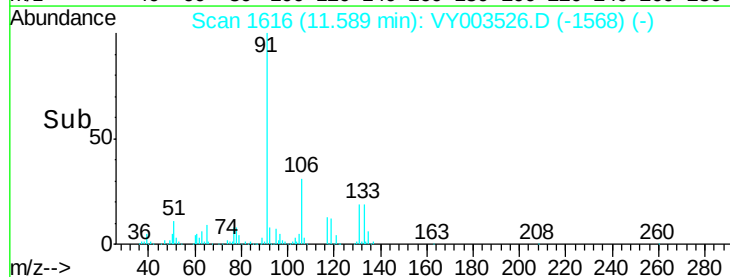
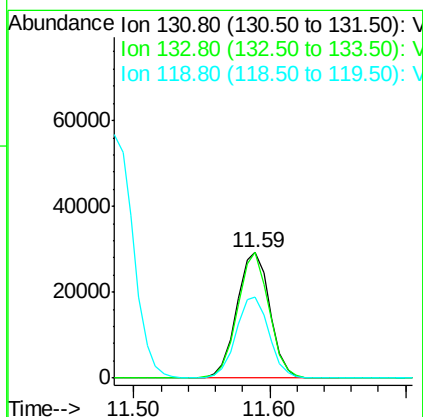
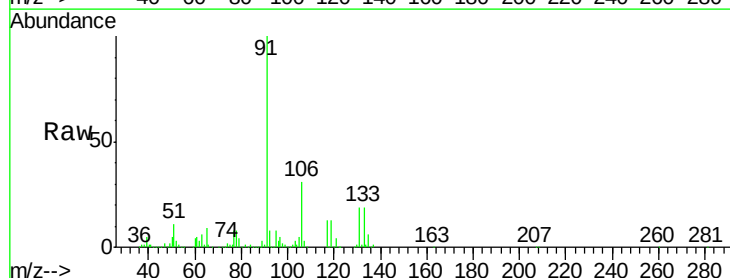
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

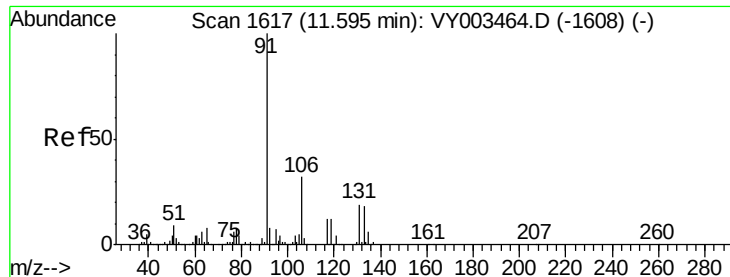
Tot Ion:112 Resp: 127506
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.425 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion:131 Resp: 49415
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.2
119 64.5 31.6 95.0





#67

Ethyl Benzene

Concen: 22.866 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

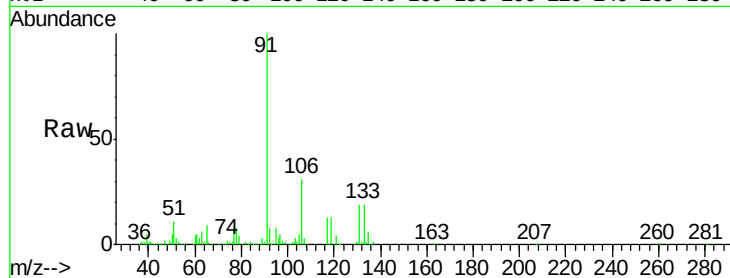
VY1112SBS01

Tot Ion: 91 Resp: 231927

Ion Ratio Lower Upper

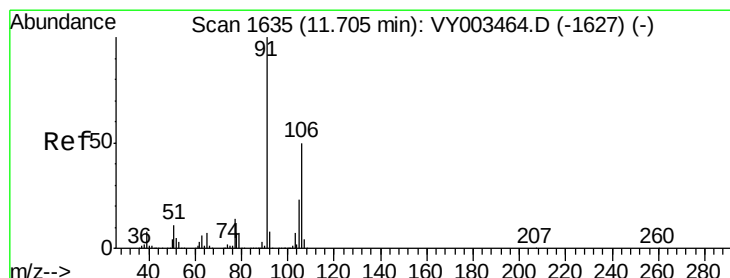
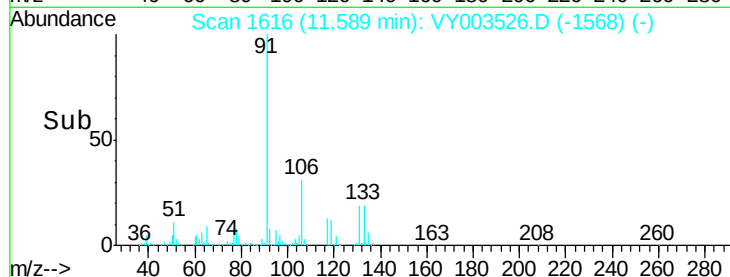
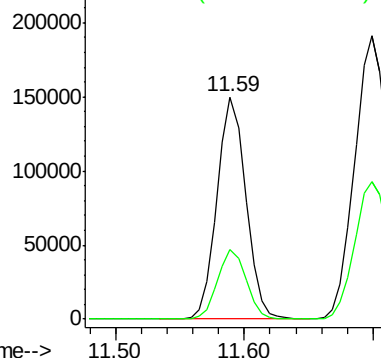
91 100

106 31.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 45.085 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003526.D

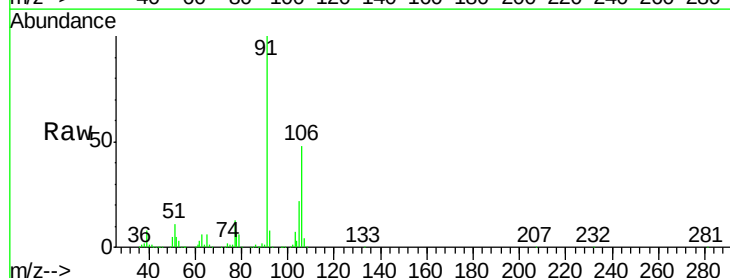
Acq: 12 Nov 2020 11:28

Tgt Ion: 106 Resp: 173292

Ion Ratio Lower Upper

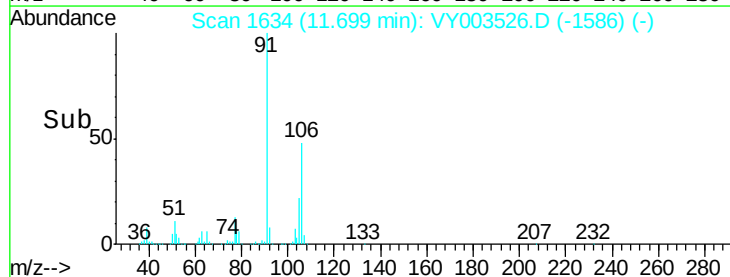
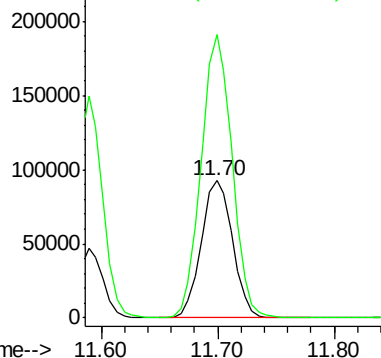
106 100

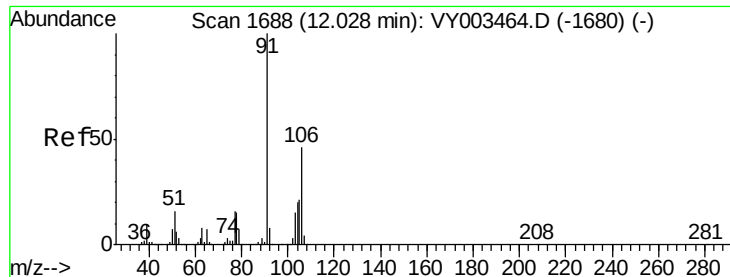
91 203.6 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

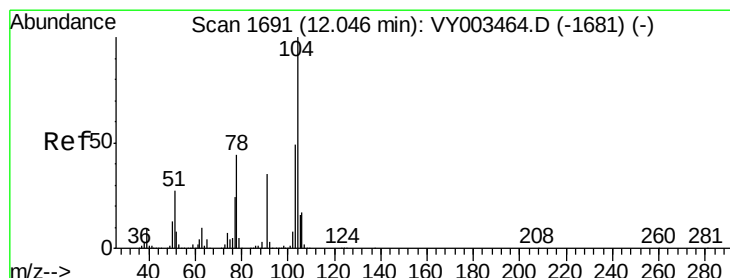
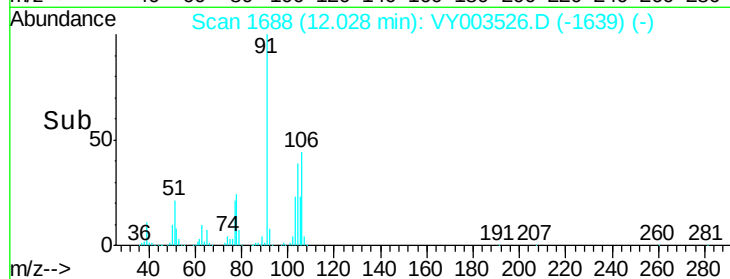
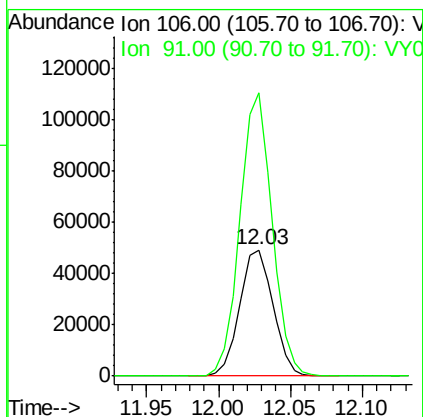
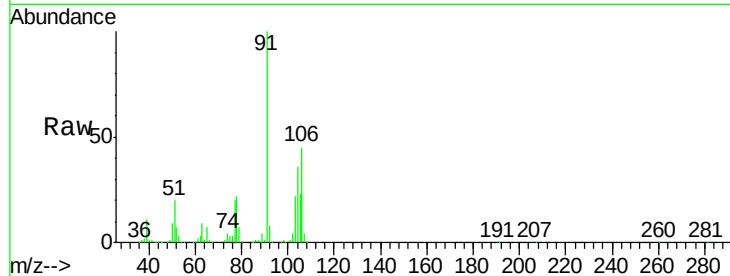




#69
o-Xylene
Concen: 22.540 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

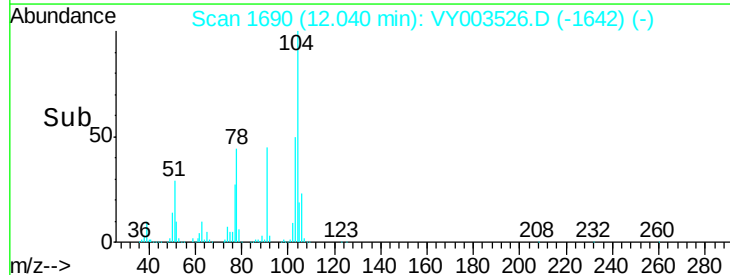
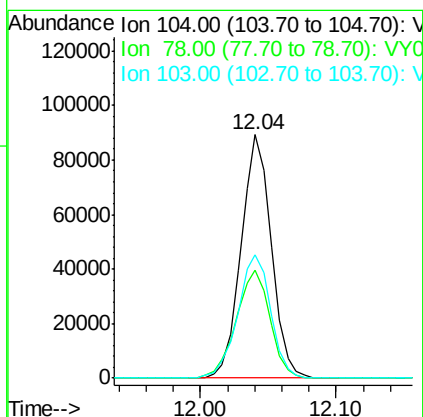
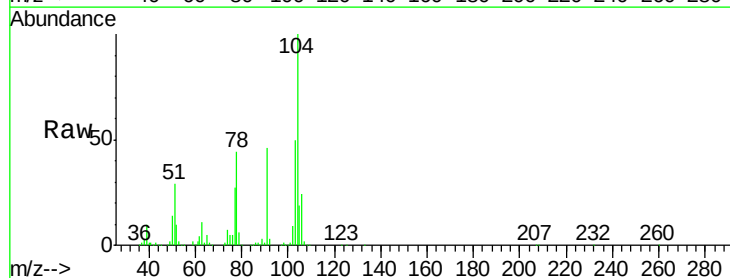
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

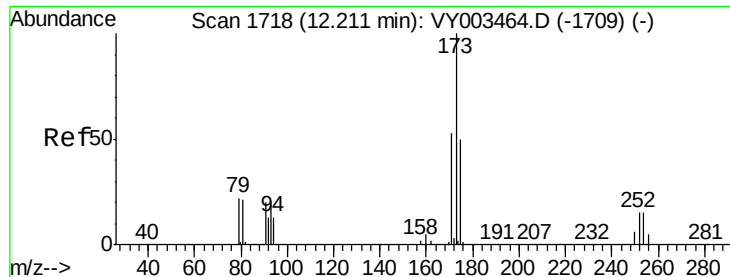
Tot Ion:106 Resp: 79696
Ion Ratio Lower Upper
106 100
91 215.3 105.5 316.5



#70
Styrene
Concen: 23.077 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion:104 Resp: 138539
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.1 44.2 66.2





#71

Bromoform

Concen: 22.715 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

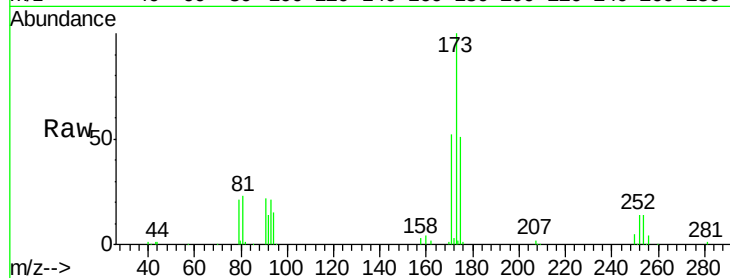
Tot Ion:173 Resp: 31939

Ion Ratio Lower Upper

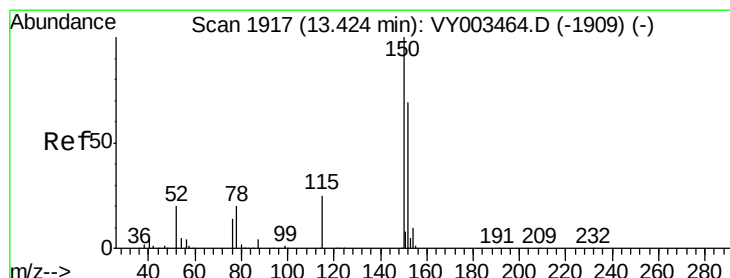
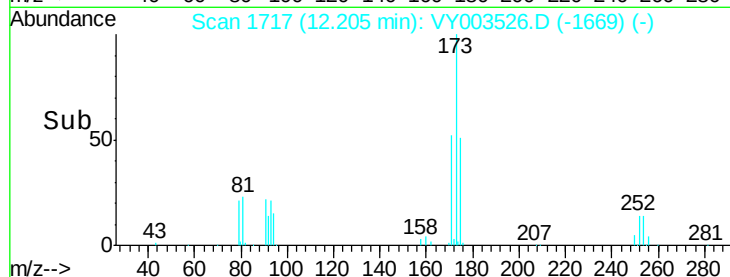
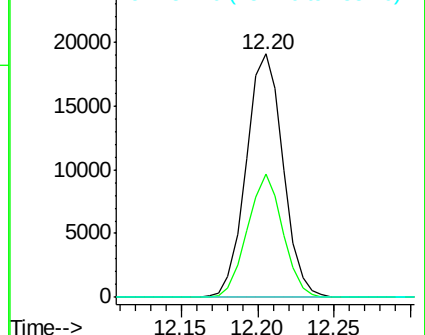
173 100

175 48.6 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

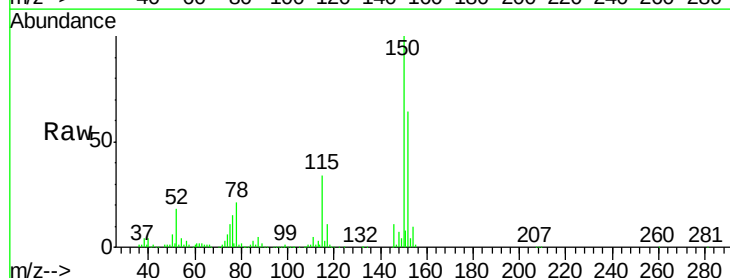
Tgt Ion:152 Resp: 155538

Ion Ratio Lower Upper

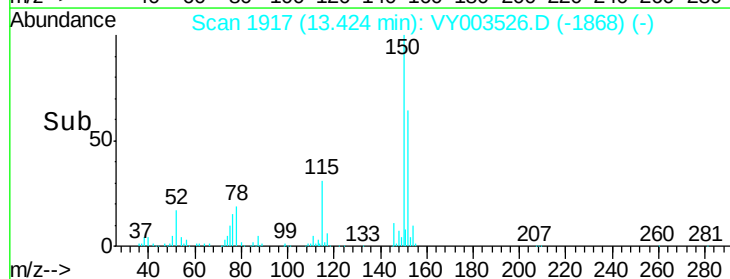
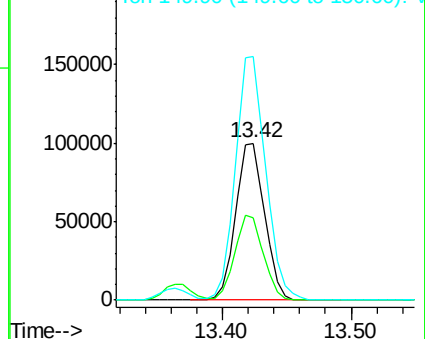
152 100

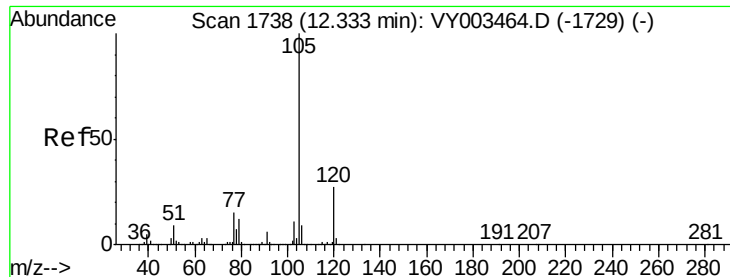
115 53.8 27.5 82.4

150 162.6 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.030 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

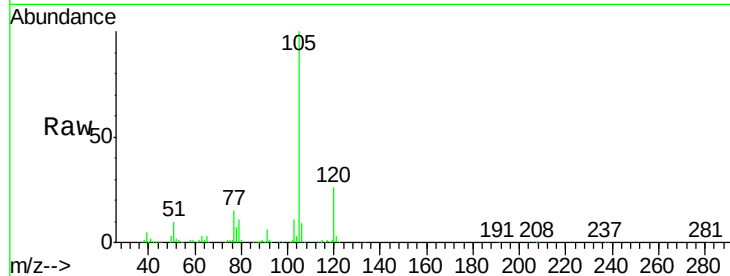
VY1112SBS01

Tot Ion:105 Resp: 223835

Ion Ratio Lower Upper

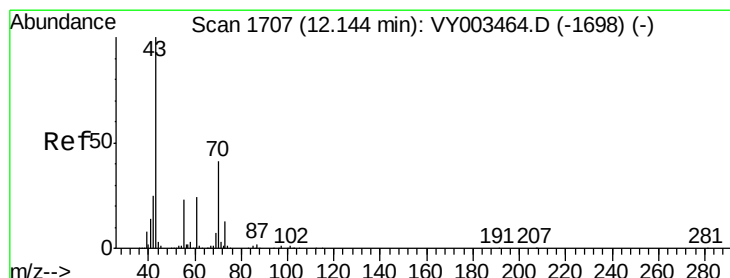
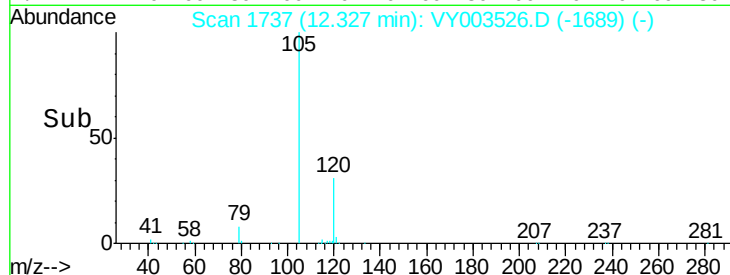
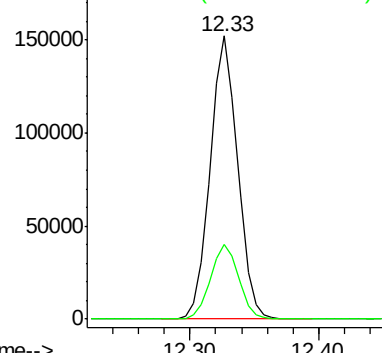
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.989 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Tgt Ion: 43 Resp: 63285

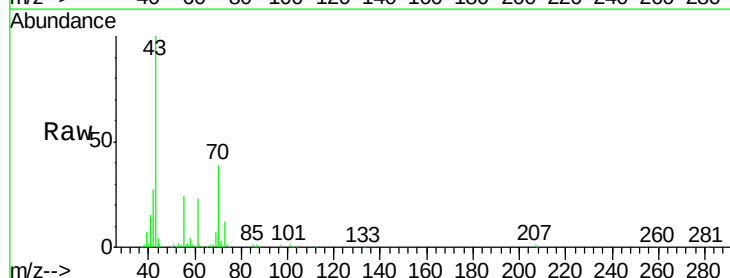
Ion Ratio Lower Upper

43 100

70 40.9 33.1 49.7

55 24.8 19.2 28.8

61 23.5 19.0 28.6

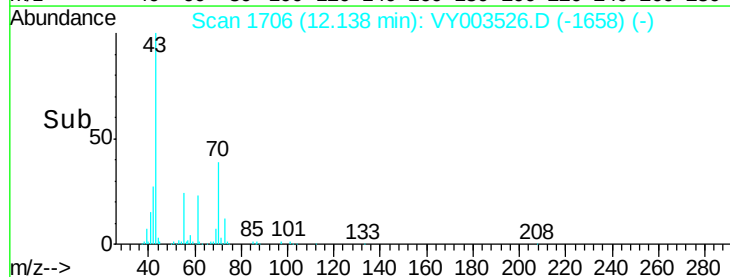
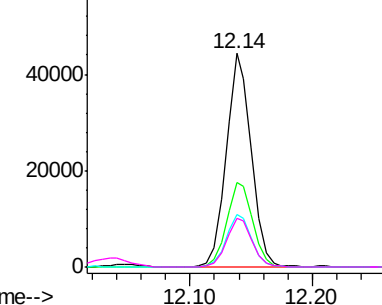


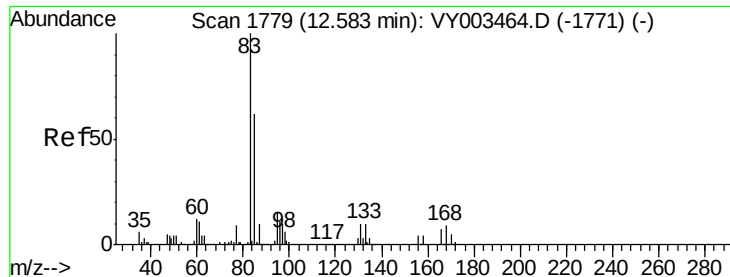
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.421 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

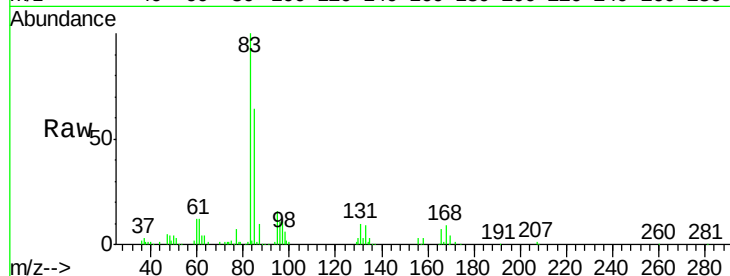
Tot Ion: 83 Resp: 46487

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

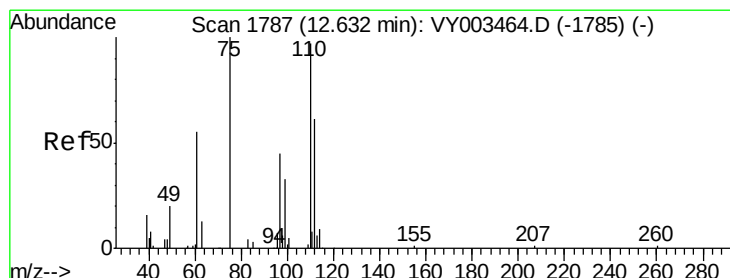
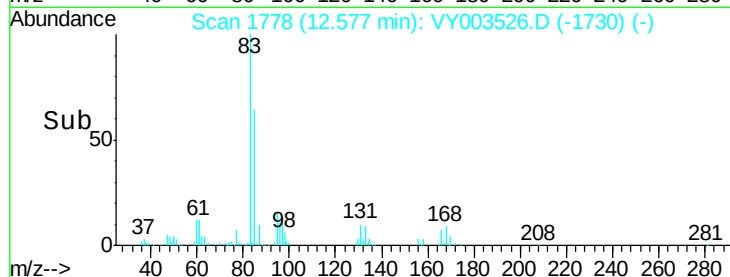
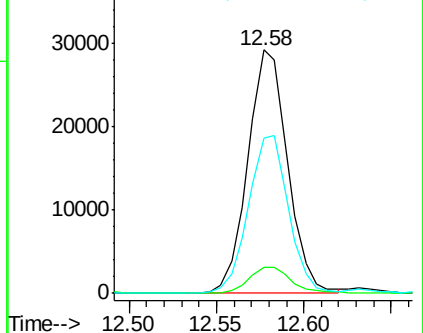
85 65.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY003526.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003526.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003526.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 37.904 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VY003526.D

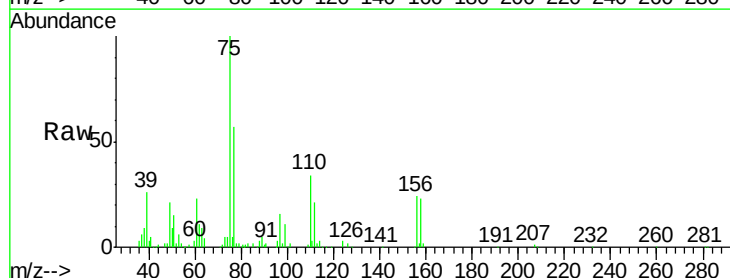
Acq: 12 Nov 2020 11:28

Tgt Ion: 75 Resp: 62379

Ion Ratio Lower Upper

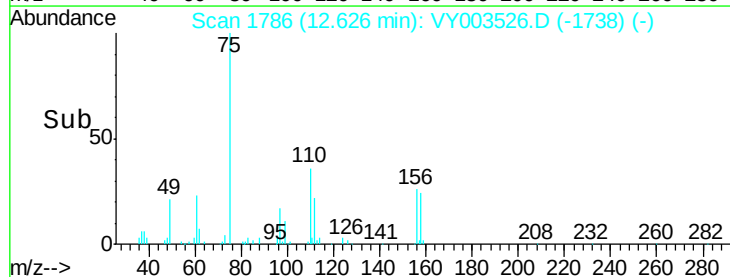
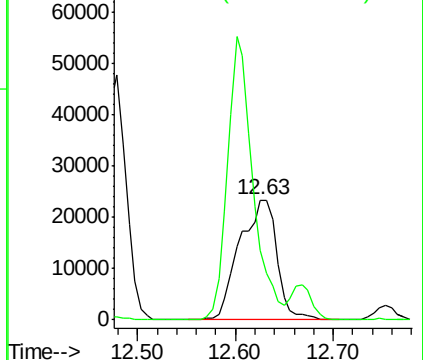
75 100

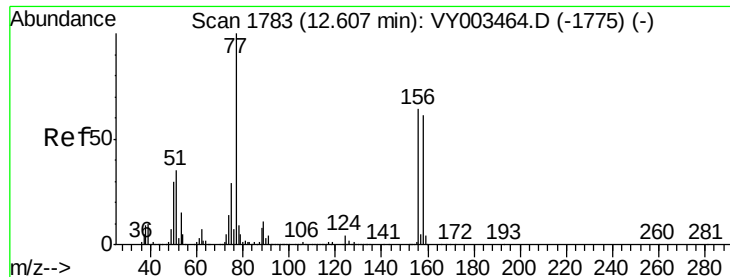
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003526.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003526.D (-1738) (-)





#77

Bromobenzene

Concen: 22.473 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

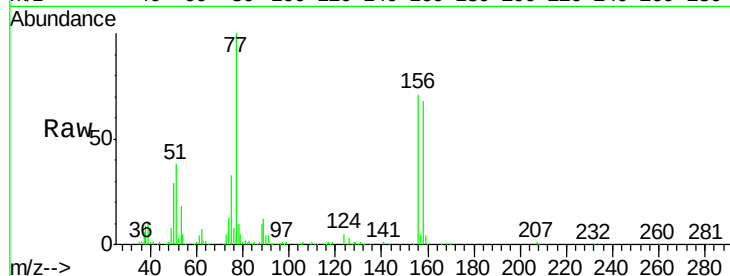
Tot Ion:156 Resp: 58013

Ion Ratio Lower Upper

156 100

77 172.1 87.0 260.9

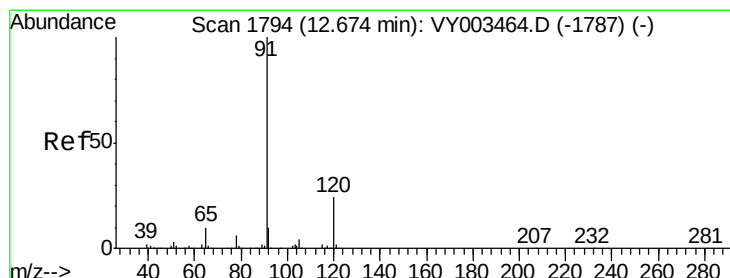
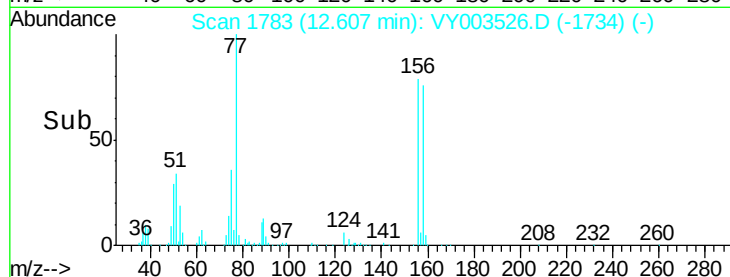
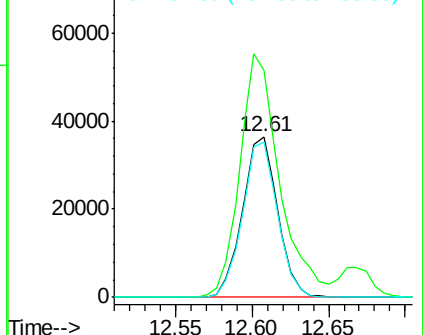
158 96.6 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.085 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003526.D

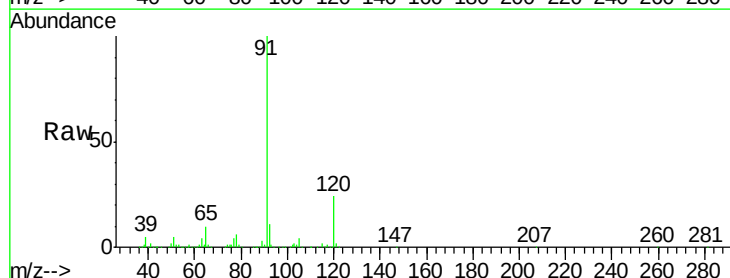
Acq: 12 Nov 2020 11:28

Tgt Ion: 91 Resp: 264311

Ion Ratio Lower Upper

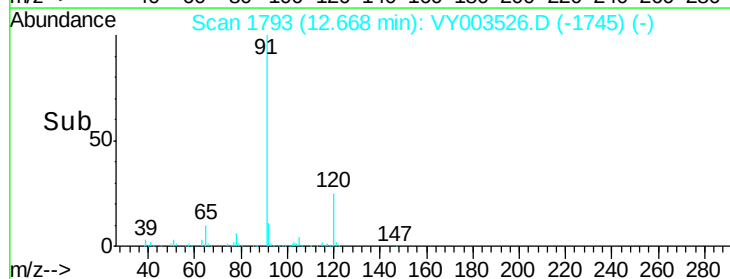
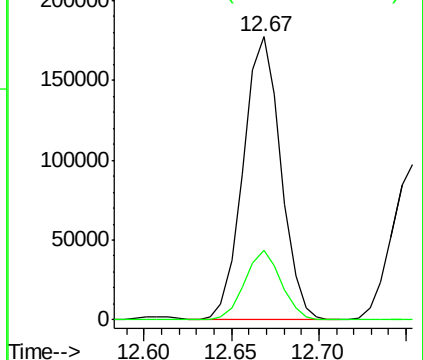
91 100

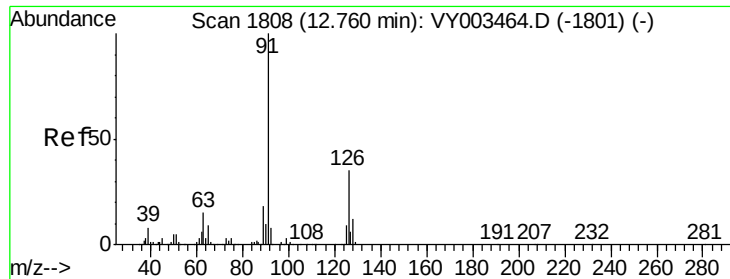
120 23.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.170 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

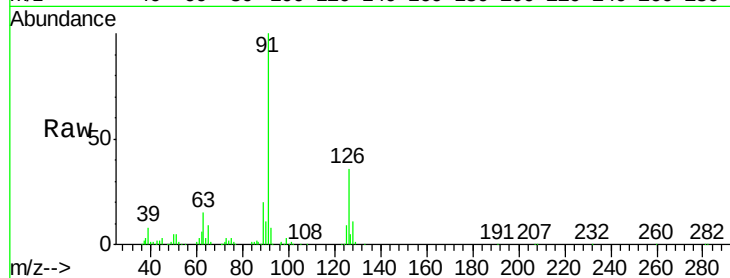
VY1112SBSD01

Tot Ion: 91 Resp: 148233

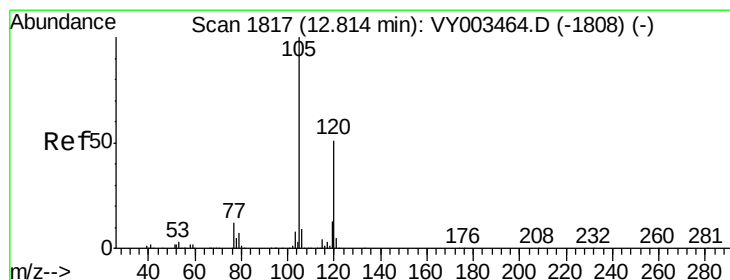
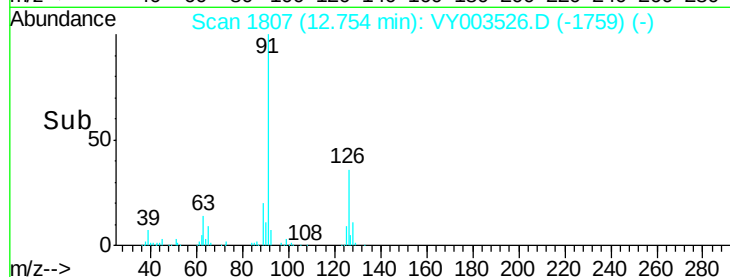
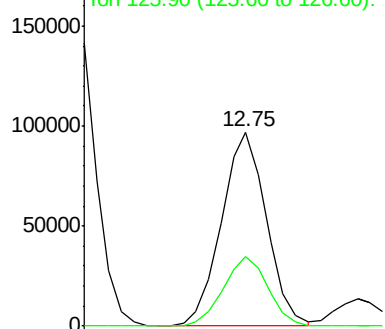
Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.557 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY003526.D

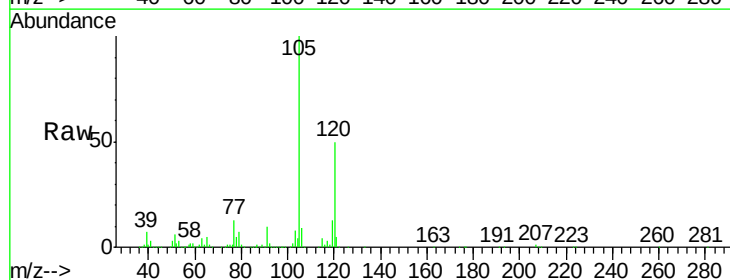
Acq: 12 Nov 2020 11:28

Tgt Ion: 105 Resp: 189890

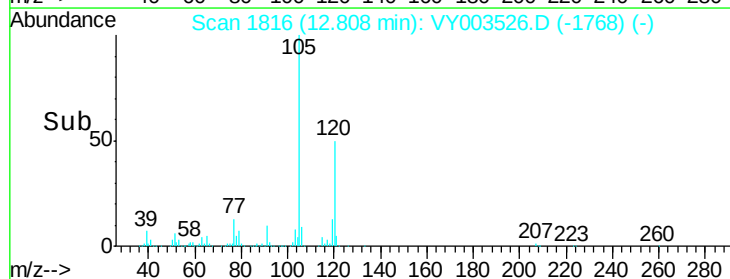
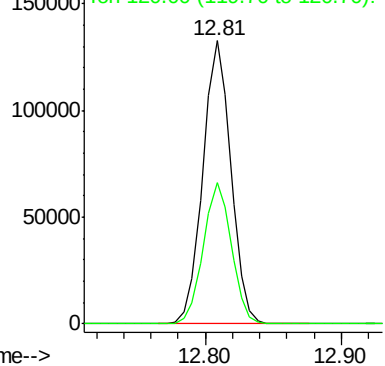
Ion Ratio Lower Upper

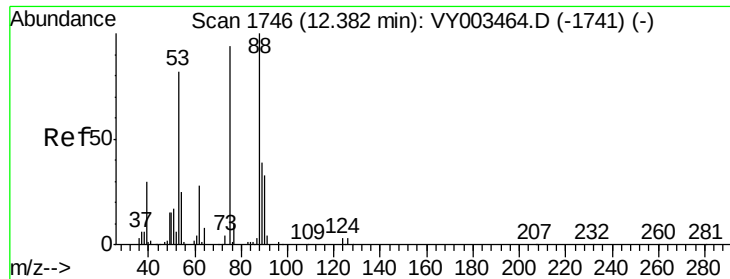
105 100

120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003464.D (-1808) (-)

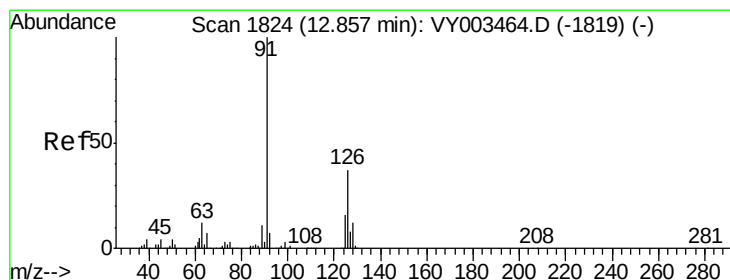
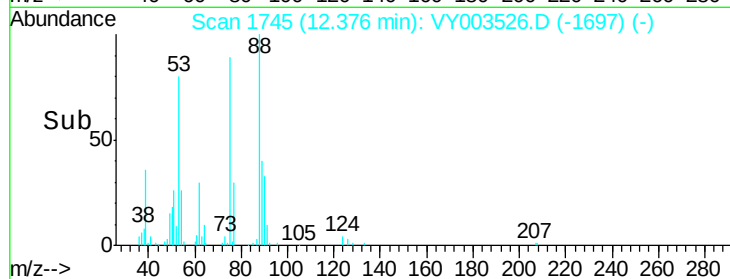
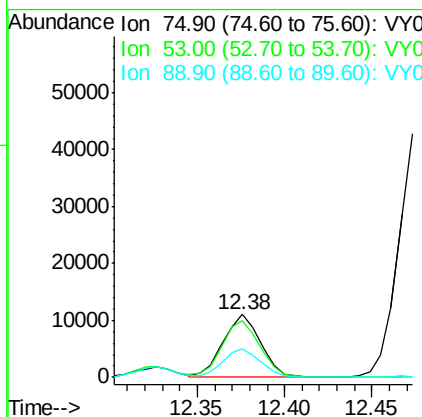
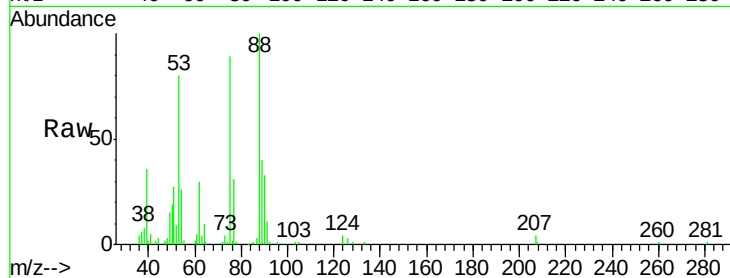




#81
trans-1,4-Dichloro-2-butene
Concen: 20.931 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

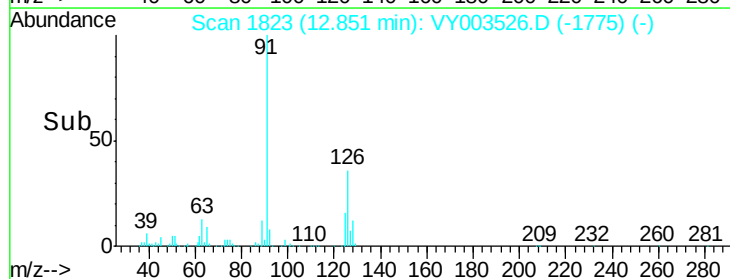
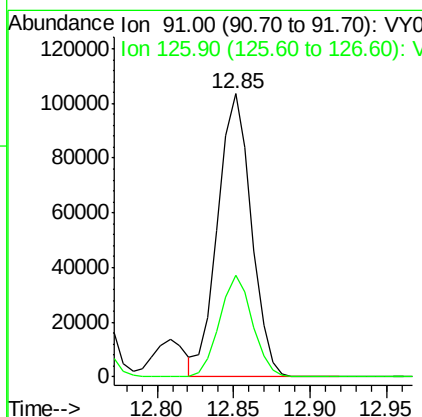
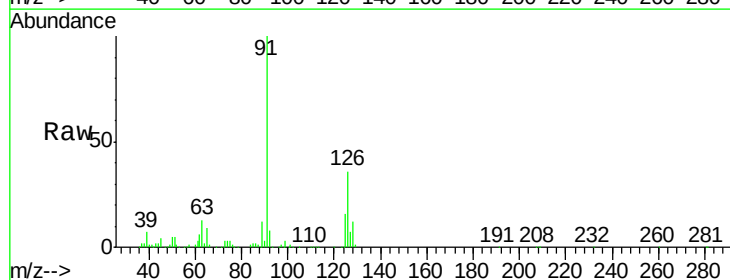
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

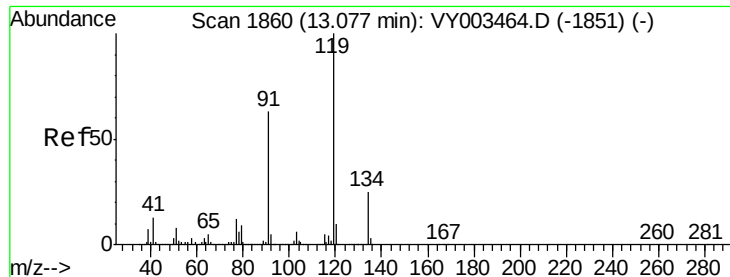
Tot Ion: 75 Resp: 16504
Ion Ratio Lower Upper
75 100
53 91.2 74.7 112.1
89 45.8 35.8 53.8



#82
4-Chlorotoluene
Concen: 22.555 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 91 Resp: 157601
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.8

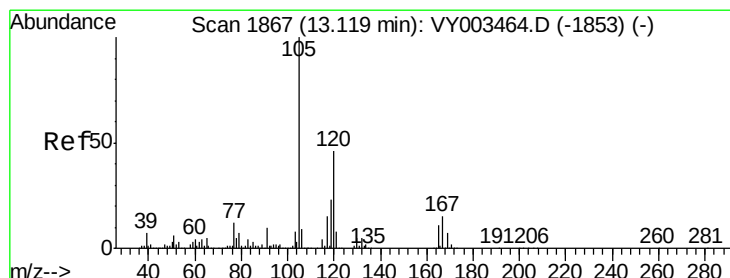
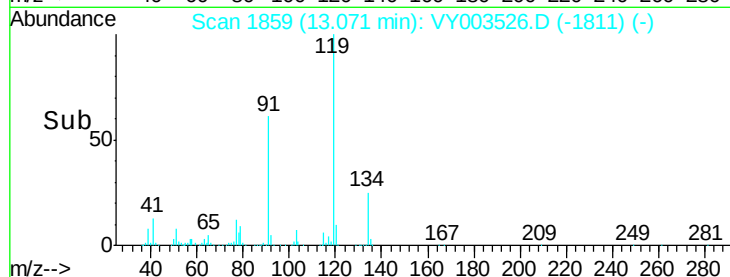
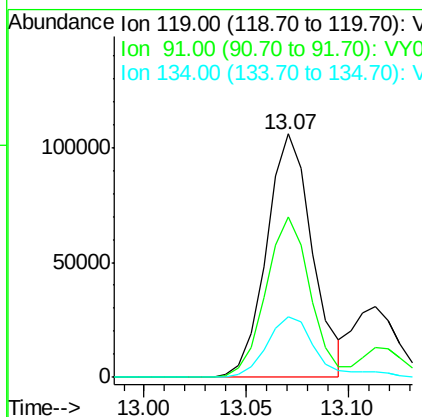
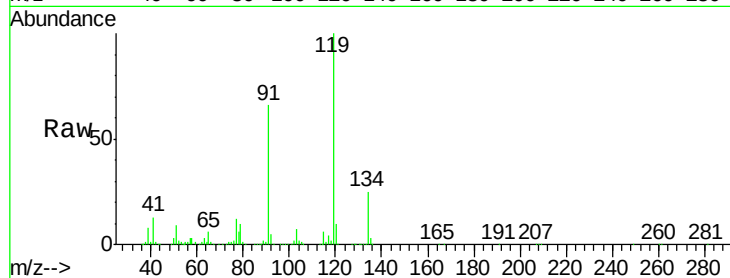




#83
tert-Butylbenzene
Concen: 22.171 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

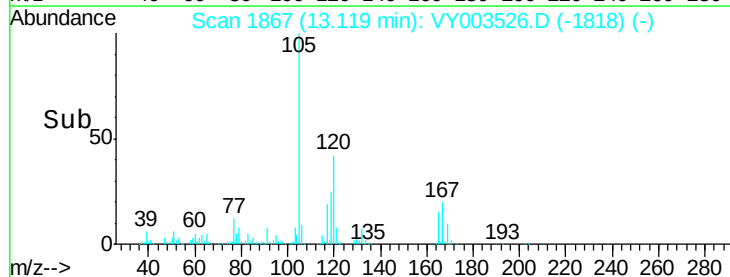
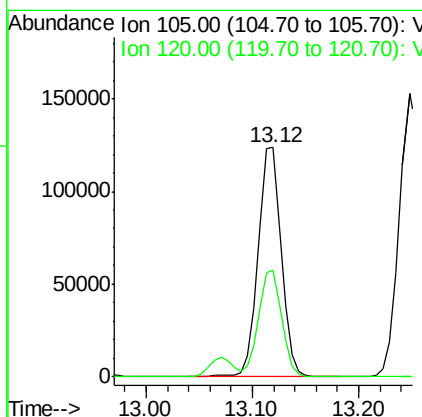
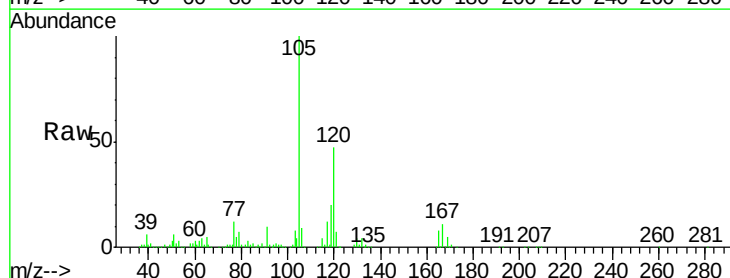
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

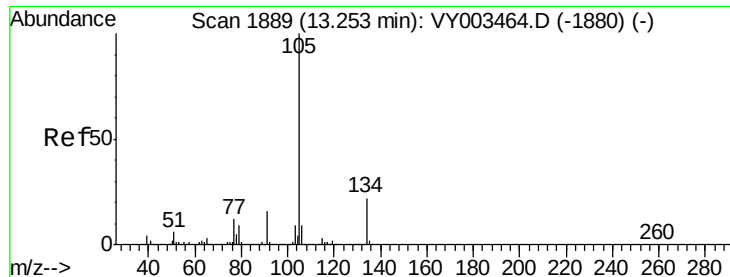
Tot Ion:119 Resp: 165533
Ion Ratio Lower Upper
119 100
91 64.7 31.1 93.2
134 27.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 22.585 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion:105 Resp: 190016
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 22.420 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

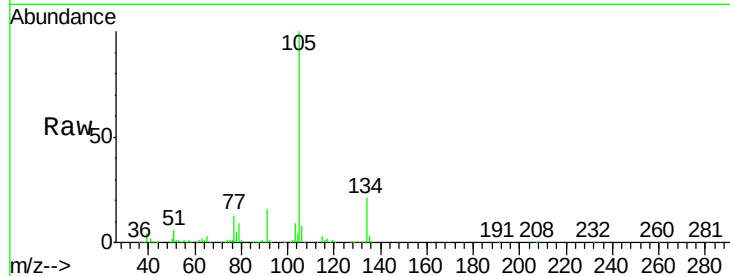
VY1112SBS01

Tot Ion:105 Resp: 226652

Ion Ratio Lower Upper

105 100

134 21.5 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

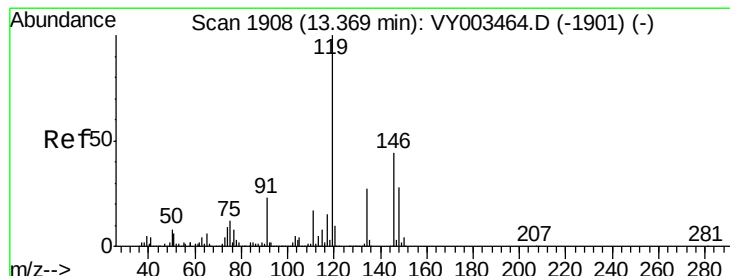
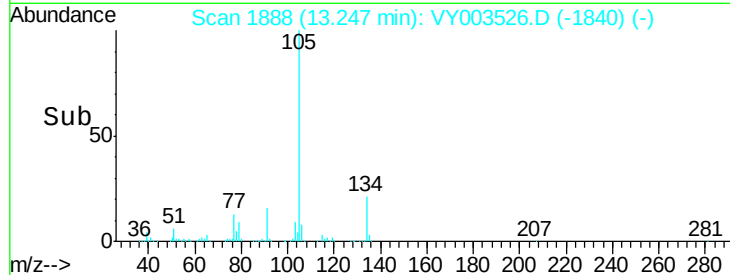
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 22.421 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

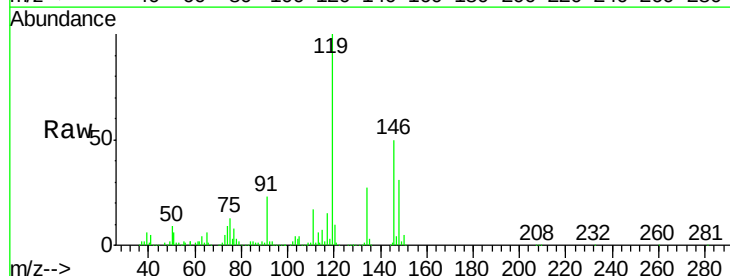
Tgt Ion:119 Resp: 210210

Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.7

91 22.7 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

200000

150000

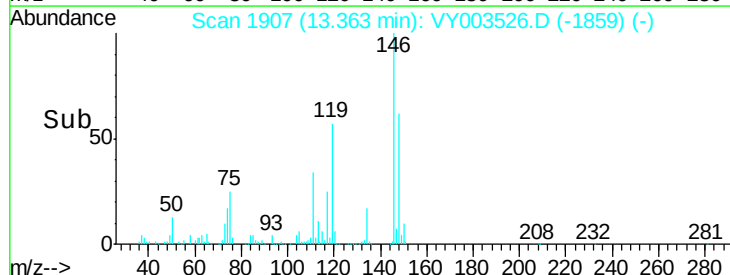
100000

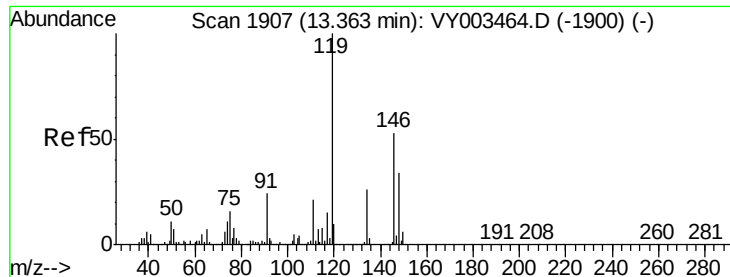
50000

0

13.30 13.35 13.40 13.45

Time-->





#87

1,3-Dichlorobenzene

Concen: 22.895 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

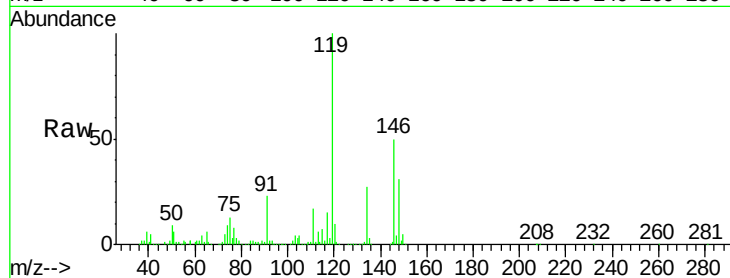
Tot Ion:146 Resp: 110098

Ion Ratio Lower Upper

146 100

111 36.2 19.1 57.1

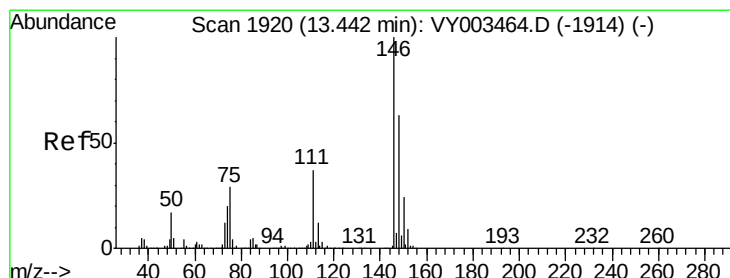
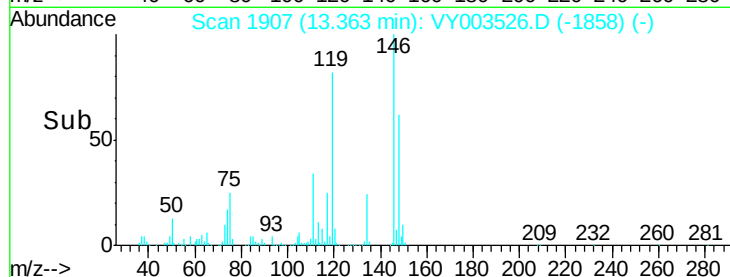
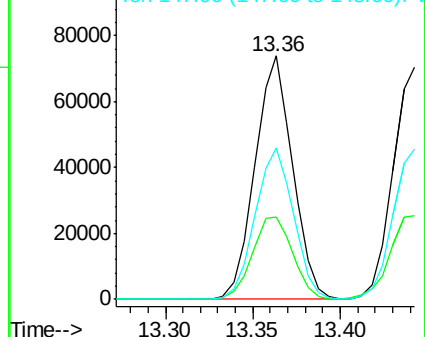
148 63.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 22.658 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

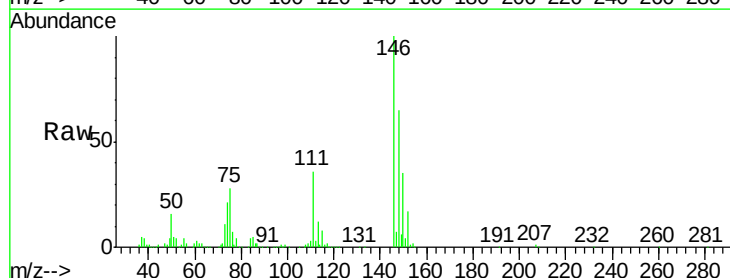
Tgt Ion:146 Resp: 108348

Ion Ratio Lower Upper

146 100

111 38.0 18.3 54.8

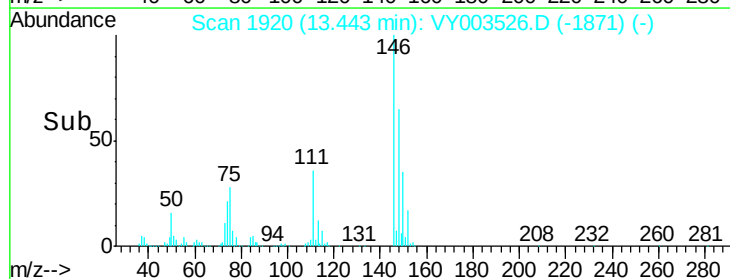
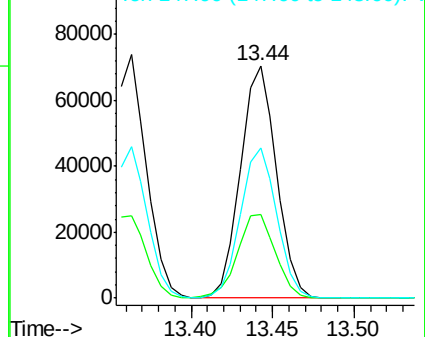
148 65.3 32.0 96.0

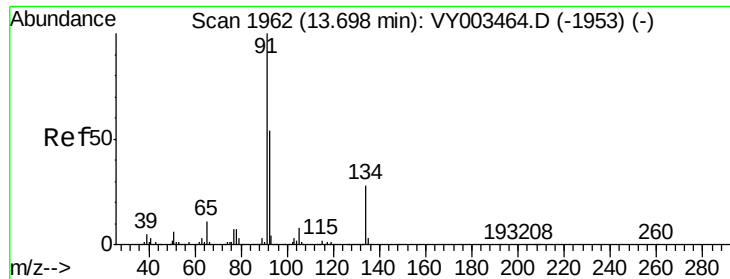


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

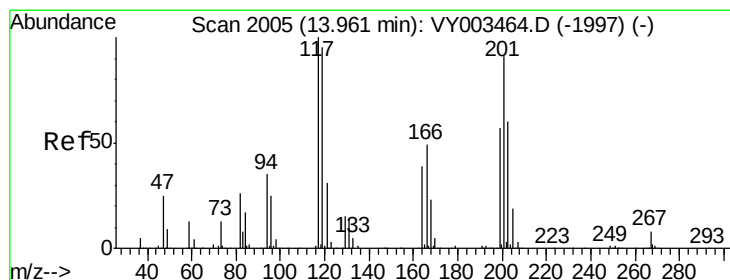
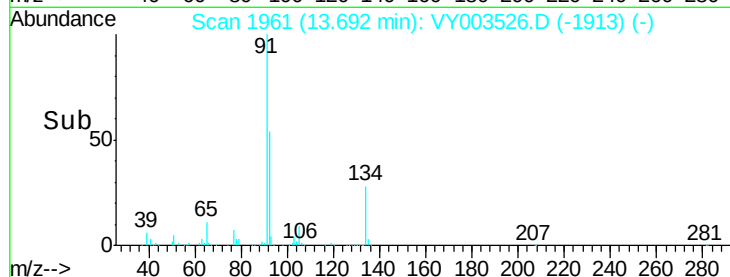
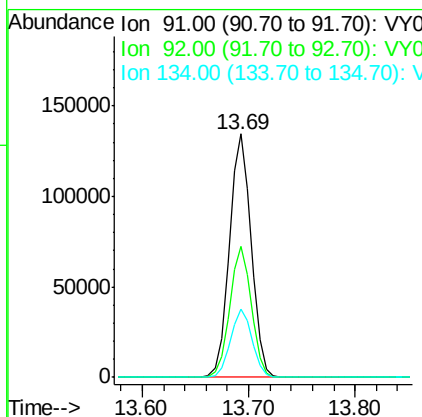
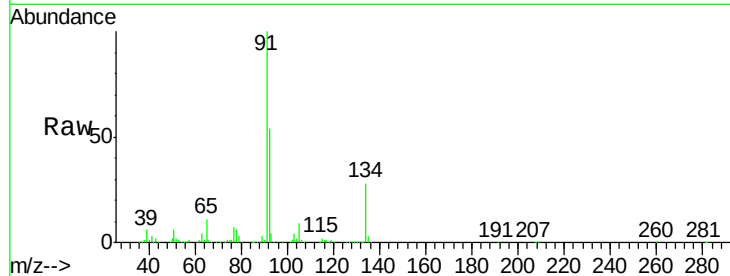




#89
n-Butylbenzene
Concen: 22.492 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

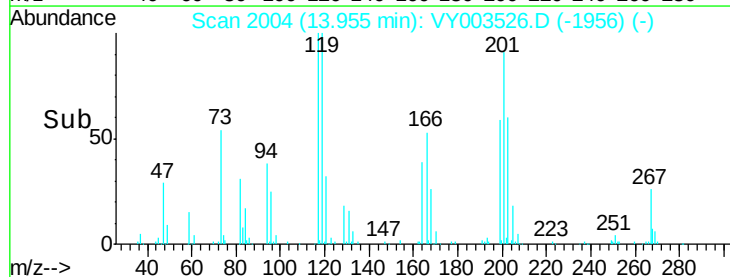
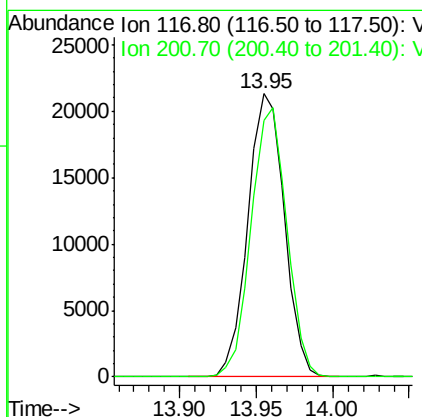
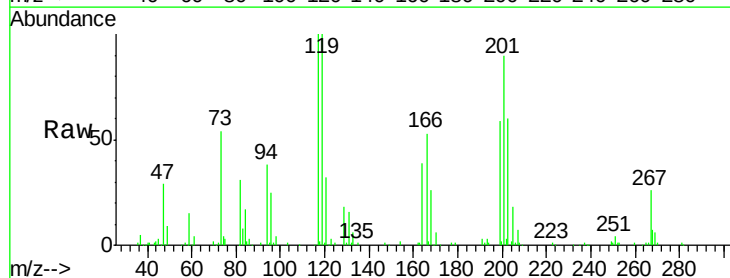
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

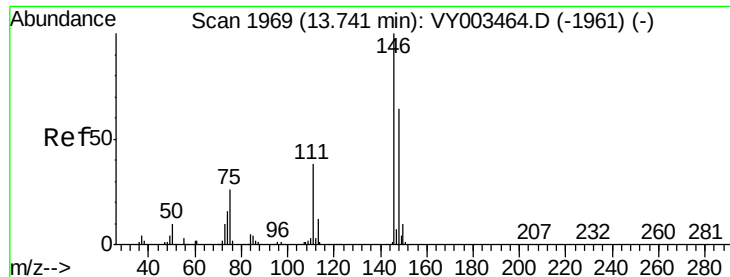
Tot Ion: 91 Resp: 192605
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 28.1 13.8 41.3



#90
Hexachloroethane
Concen: 22.464 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 117 Resp: 35446
Ion Ratio Lower Upper
117 100
201 92.9 46.6 139.8





#91

1,2-Dichlorobenzene

Concen: 22.780 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

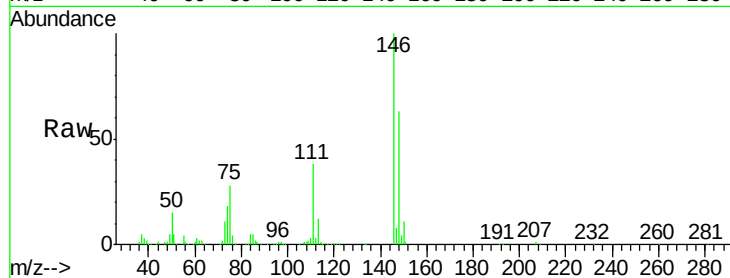
MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion:146 Resp: 97317

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.8
148	64.0	32.3	96.8

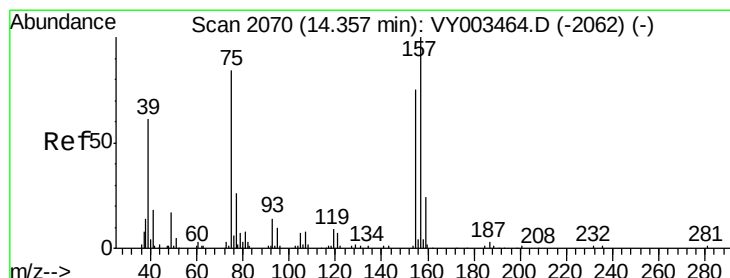
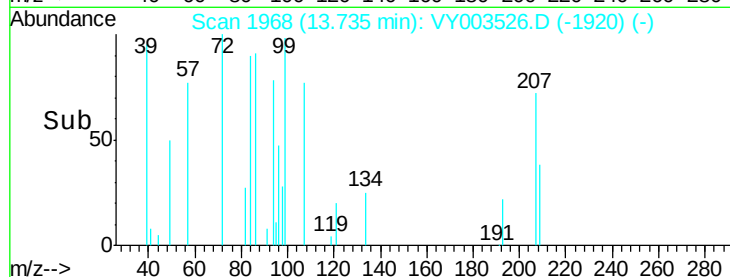
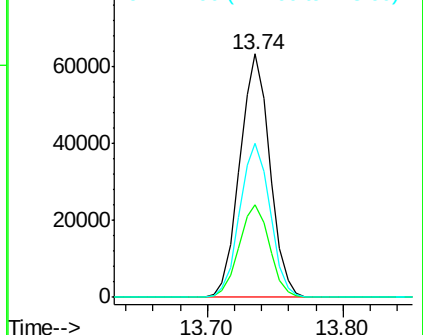


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.405 ug/l

RT: 14.35 min Scan# 2069

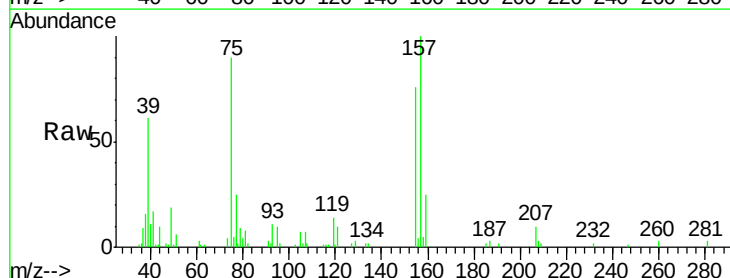
Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Tgt Ion: 75 Resp: 8409

Ion	Ratio	Lower	Upper
75	100		
155	90.6	45.6	136.7
157	117.1	60.3	180.8

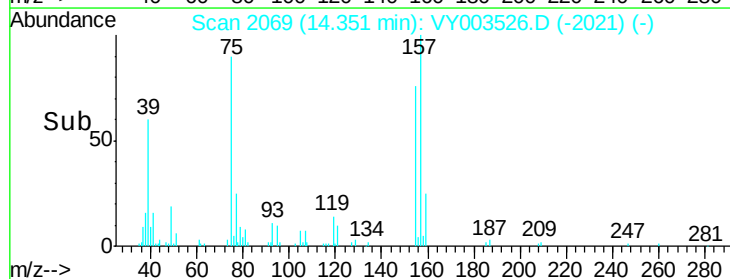
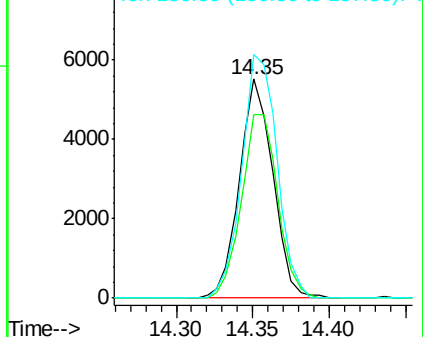


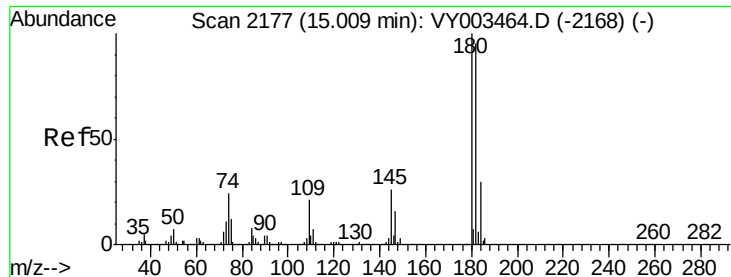
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

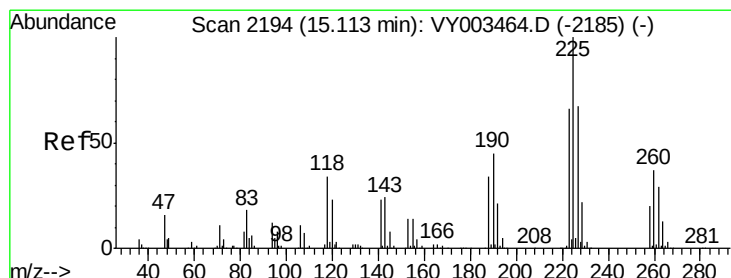
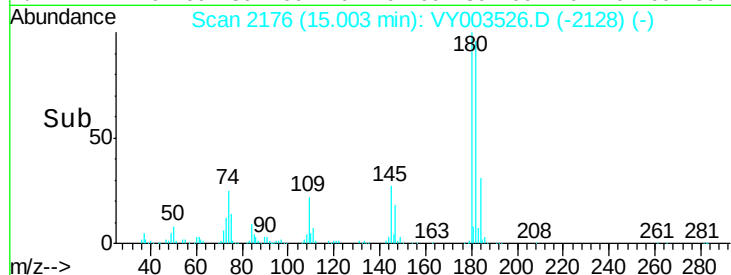
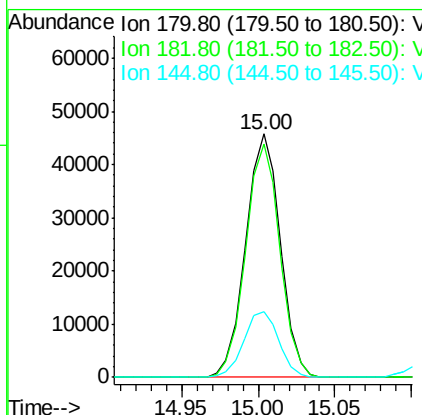
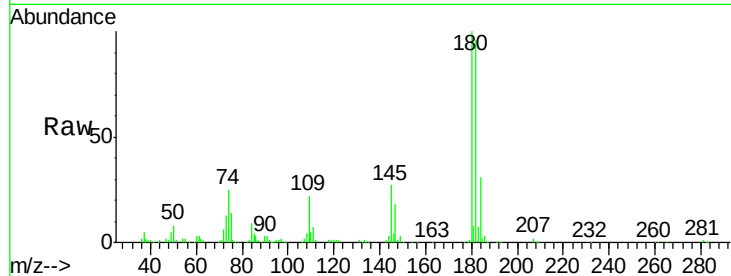




#93
 1,2,4-Trichlorobenzene
 Concen: 23.831 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

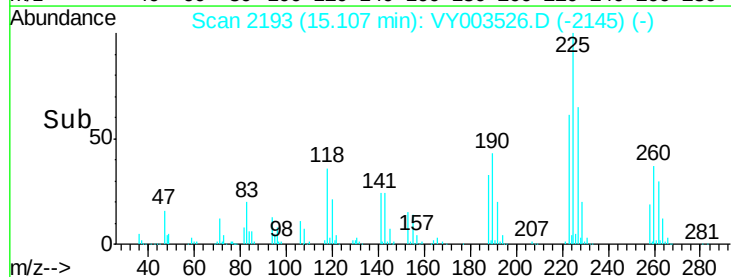
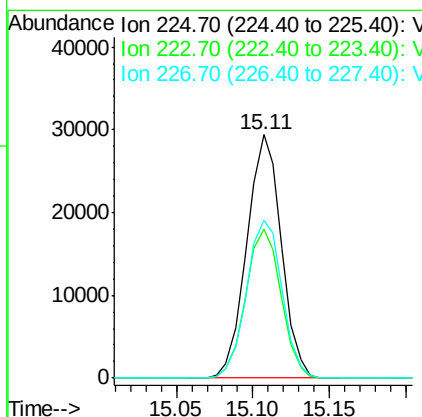
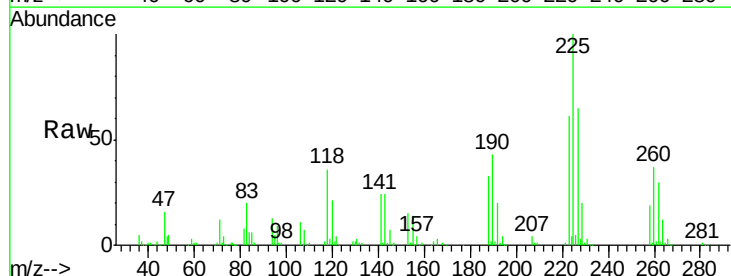
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

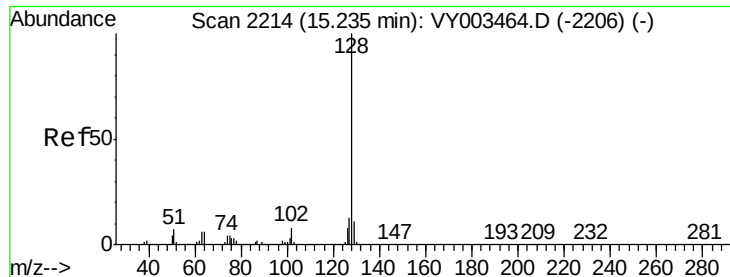
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.1	144.3
145	27.5	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 23.743 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.1	96.3
227	66.5	32.4	97.2





#95

Naphthalene

Concen: 22.266 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

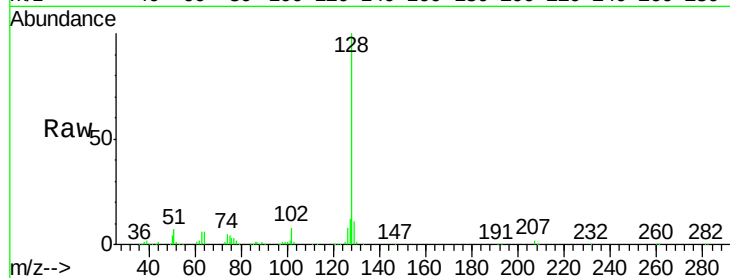
Tot Ion:128 Resp: 134730

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

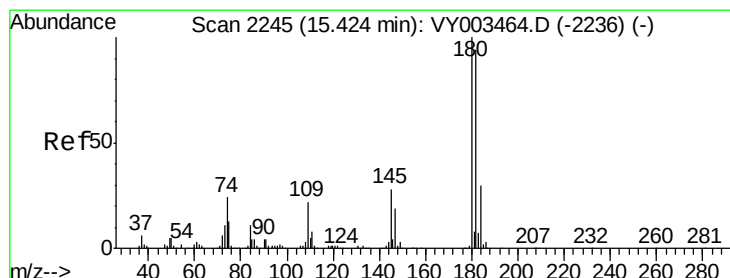
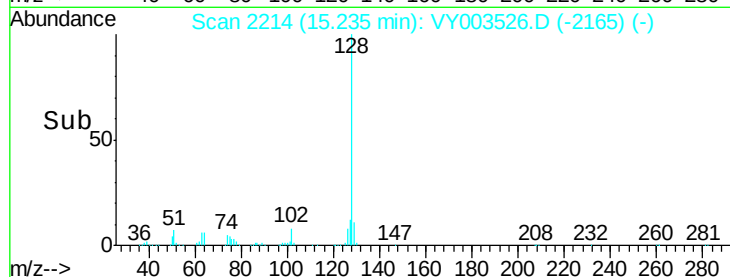
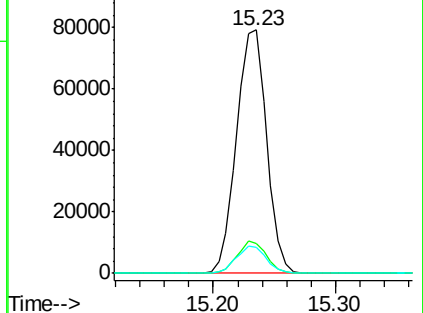
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.145 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

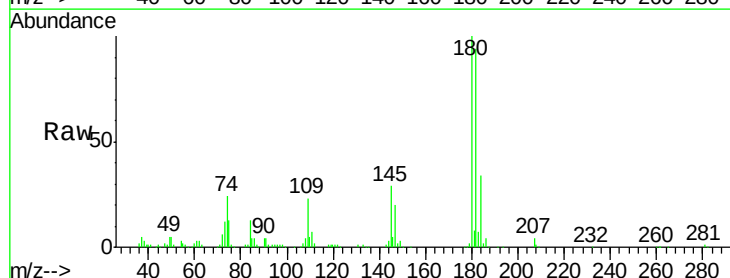
Tgt Ion:180 Resp: 62912

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.7

145 28.7 14.4 43.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

