

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002578.D
 Acq On : 05 May 2020 11:44
 Operator : SY/MD
 Sample : VY0505SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 03:17:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	379905	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	569357	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	519656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	270031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	173151	54.21	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.42%	
35) Dibromofluoromethane	7.73	113	180118	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	
50) Toluene-d8	10.18	98	705336	55.47	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.94%	
62) 4-Bromofluorobenzene	12.49	95	241584	55.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.90	85	45564	15.781	ug/l	98
3) Chloromethane	2.12	50	55737	18.109	ug/l	98
4) Vinyl Chloride	2.26	62	65611	18.461	ug/l	98
5) Bromomethane	2.64	94	46451	18.952	ug/l	97
6) Chloroethane	2.79	64	40865	19.257	ug/l	92
7) Trichlorofluoromethane	3.13	101	105367	19.129	ug/l	97
8) Diethyl Ether	3.54	74	37525	20.272	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	66784	19.838	ug/l	99
10) Methyl Iodide	4.10	142	87019	18.973	ug/l	99
11) Tert butyl alcohol	4.97	59	34876	106.122	ug/l	98
12) 1,1-Dichloroethene	3.88	96	63699	19.477	ug/l	97
13) Acrolein	3.74	56	19227	84.605	ug/l	98
14) Allyl chloride	4.49	41	96559	20.264	ug/l	99
15) Acrylonitrile	5.18	53	91973	105.362	ug/l	99
16) Acetone	3.96	43	68765	104.310	ug/l	97
17) Carbon Disulfide	4.20	76	177603	18.051	ug/l	100
18) Methyl Acetate	4.49	43	46141	20.948	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	175904	20.616	ug/l	97
20) Methylene Chloride	4.72	84	77373	20.988	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	71320	19.952	ug/l	98
22) Diisopropyl ether	6.13	45	203956	21.154	ug/l	99
23) Vinyl Acetate	6.07	43	634174	104.589	ug/l	100
24) 1,1-Dichloroethane	6.03	63	118108	20.707	ug/l	98
25) 2-Butanone	6.99	43	113588	105.259	ug/l	95
26) 2,2-Dichloropropane	6.99	77	107650	19.855	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	80921	20.460	ug/l	100
28) Bromochloromethane	7.34	49	49549	21.202	ug/l	100
29) Tetrahydrofuran	7.36	42	77785	108.947	ug/l	100
30) Chloroform	7.52	83	122079	20.584	ug/l	98
31) Cyclohexane	7.79	56	111447	19.411	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	109705	19.901	ug/l	100
36) 1,1-Dichloropropene	7.93	75	95065	19.917	ug/l	100
37) Ethyl Acetate	7.08	43	51336	20.930	ug/l	100
38) Carbon Tetrachloride	7.91	117	101510	19.480	ug/l	99

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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Quant Time: May 06 03:17:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	121991	19.351	ug/l	99
40) Benzene	8.17	78	278147	20.177	ug/l	100
41) Methacrylonitrile	7.36	41	70822	53.704	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	76551	19.797	ug/l	98
43) Isopropyl Acetate	8.28	43	96325	20.949	ug/l	99
44) Trichloroethene	8.94	130	88185	20.469	ug/l	98
45) 1,2-Dichloropropane	9.22	63	68476	20.582	ug/l	98
46) Dibromomethane	9.31	93	37285	19.478	ug/l	97
47) Bromodichloromethane	9.50	83	94284	20.256	ug/l	98
48) Methyl methacrylate	9.30	41	43800	21.048	ug/l	100
49) 1,4-Dioxane	9.30	88	11097	437.835	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	253553	106.982	ug/l	100
52) Toluene	10.25	92	178596	20.159	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	98106	20.117	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	112895	20.025	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	58084	20.807	ug/l	100
56) Ethyl methacrylate	10.51	69	77630	20.905	ug/l	98
57) 1,3-Dichloropropane	10.79	76	96568	20.399	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	210655	107.567	ug/l	99
59) 2-Hexanone	10.83	43	176111	107.962	ug/l	99
60) Dibromochloromethane	10.99	129	72128	20.315	ug/l	99
61) 1,2-Dibromoethane	11.09	107	56216	20.338	ug/l	100
64) Tetrachloroethene	10.72	164	98240	21.277	ug/l	97
65) Chlorobenzene	11.52	112	199027	20.147	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	74240	20.245	ug/l	99
67) Ethyl Benzene	11.60	91	348659	20.093	ug/l	100
68) m/p-Xylenes	11.71	106	269228	40.099	ug/l	100
69) o-Xylene	12.03	106	127078	20.214	ug/l	99
70) Styrene	12.05	104	219086	20.386	ug/l	99
71) Bromoform	12.21	173	46484	20.424	ug/l #	99
73) Isopropylbenzene	12.33	105	350886	20.050	ug/l	99
74) N-amyl acetate	12.14	43	88521	21.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53190	19.111	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	88112	36.718	ug/l #	100
77) Bromobenzene	12.61	156	87005	19.899	ug/l	98
78) n-propylbenzene	12.67	91	406949	20.038	ug/l	100
79) 2-Chlorotoluene	12.76	91	225638	20.057	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	291807	20.115	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23995	20.050	ug/l	97
82) 4-Chlorotoluene	12.86	91	237857	20.128	ug/l	100
83) tert-Butylbenzene	13.08	119	254178	19.983	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	289181	20.002	ug/l	98
85) sec-Butylbenzene	13.25	105	359901	20.391	ug/l	100
86) p-Isopropyltoluene	13.37	119	336898	20.371	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	166950	20.174	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	165479	20.194	ug/l	98
89) n-Butylbenzene	13.70	91	309659	20.568	ug/l	99
90) Hexachloroethane	13.96	117	60749	20.171	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	149397	20.232	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10379	20.005	ug/l	98

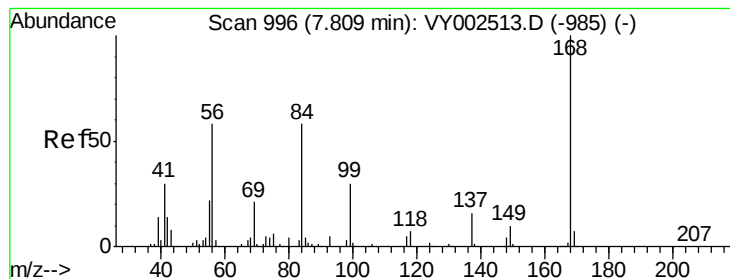
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	110269	20.569	ug/l	100
94) Hexachlorobutadiene	15.11	225	66831	20.768	ug/l	98
95) Naphthalene	15.24	128	204624	20.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	94114	20.679	ug/l	98

(#) = 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: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

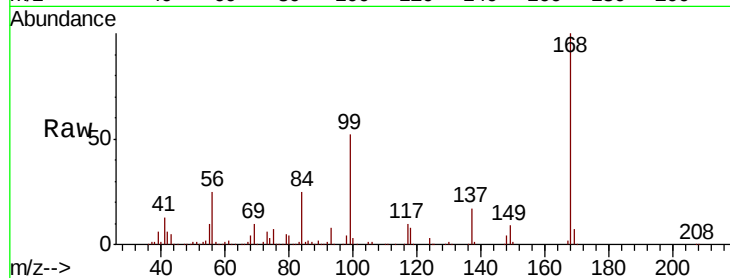
ClientSampled :

Tot Ion:168 Resp: 379905

Ion Ratio Lower Upper

168 100

99 51.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

150000

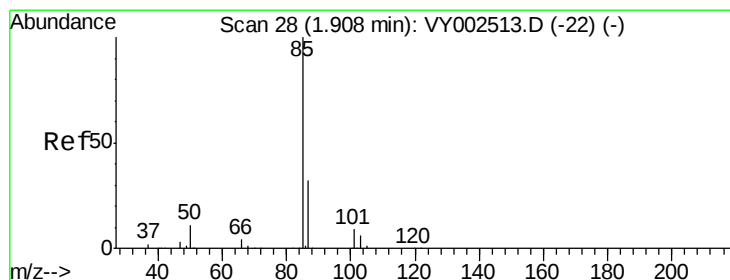
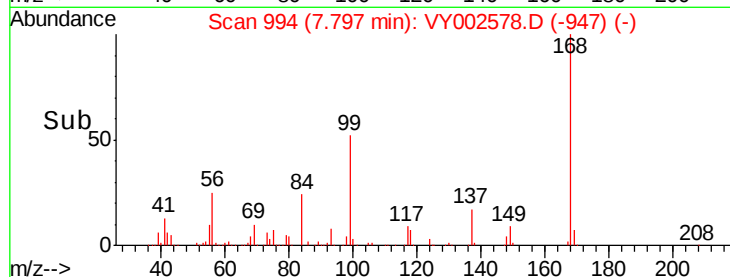
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.781 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002578.D

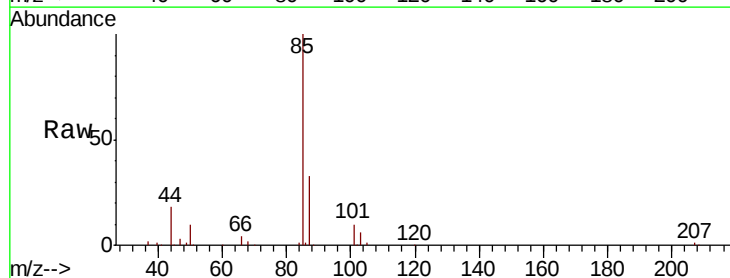
Acq: 05 May 2020 11:44

Tgt Ion: 85 Resp: 45564

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.90

30000

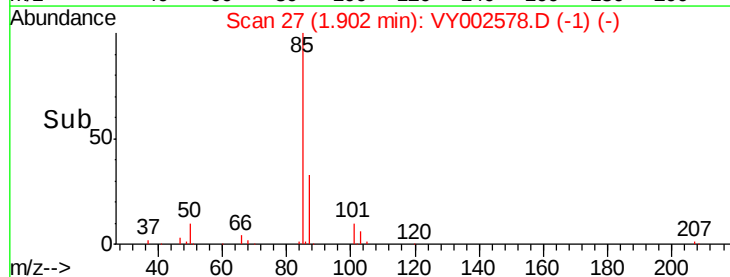
20000

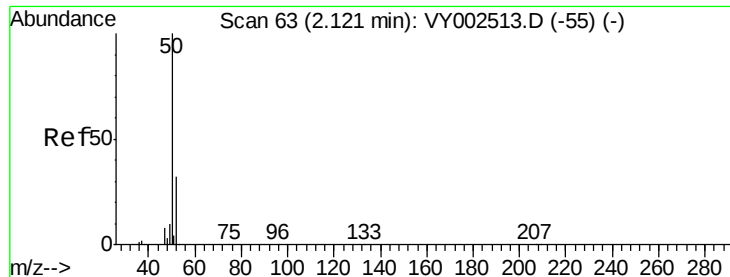
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.109 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

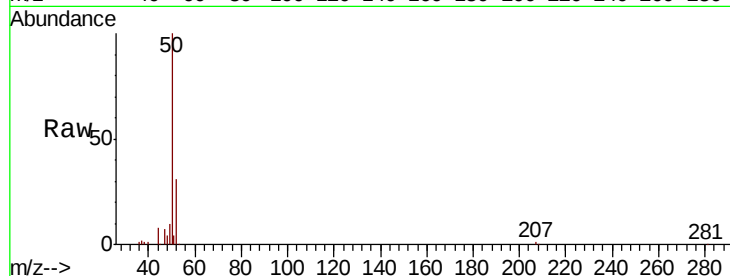
ClientSampleId :

Tot Ion: 50 Resp: 55737

Ion Ratio Lower Upper

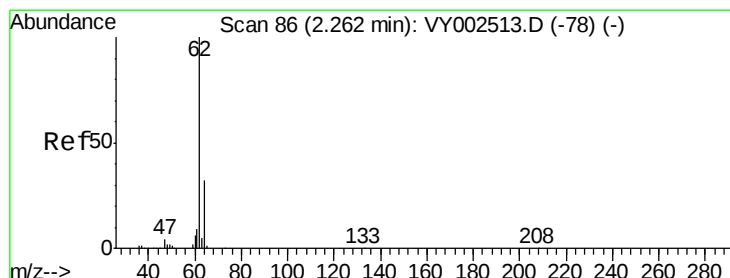
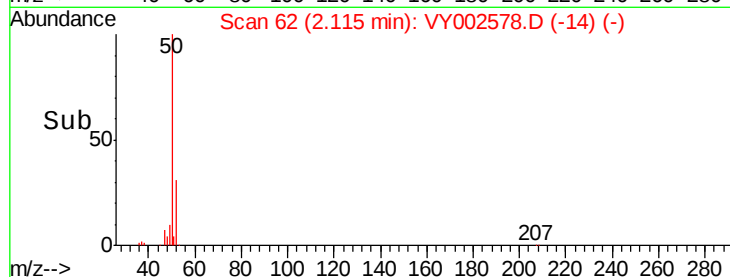
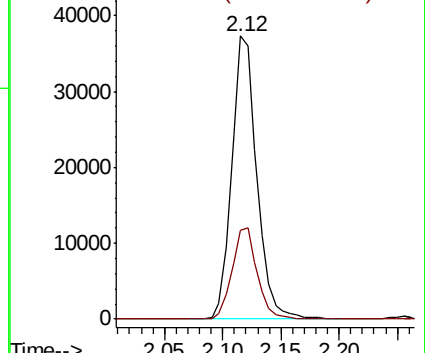
50 100

52 31.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.461 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002578.D

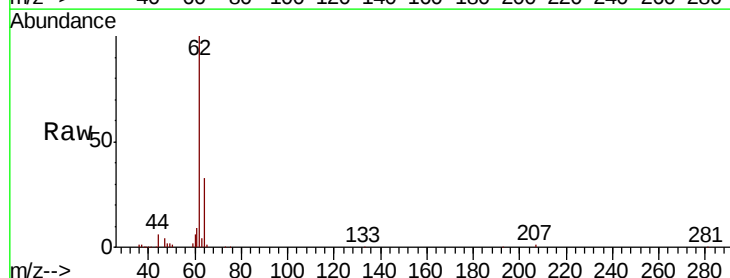
Acq: 05 May 2020 11:44

Tgt Ion: 62 Resp: 65611

Ion Ratio Lower Upper

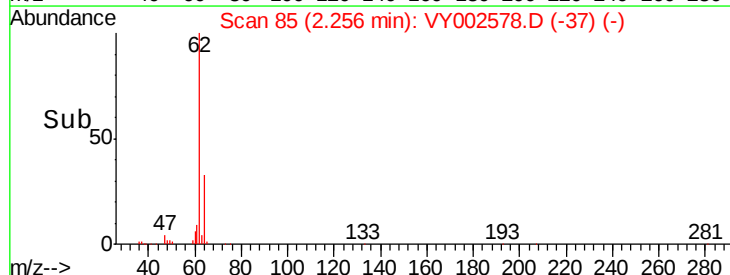
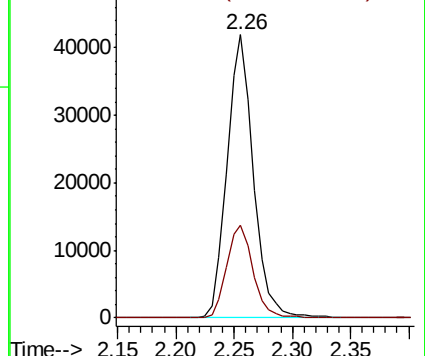
62 100

64 32.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.952 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

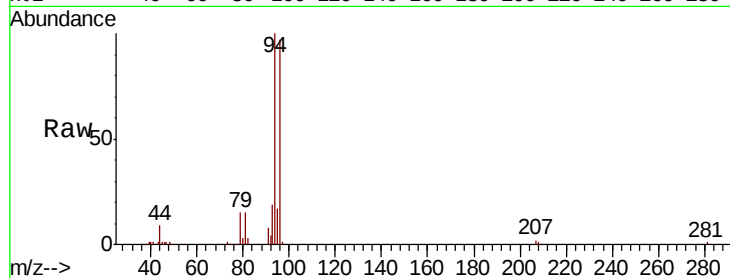
ClientSampleId :

Tot Ion: 94 Resp: 46451

Ion Ratio Lower Upper

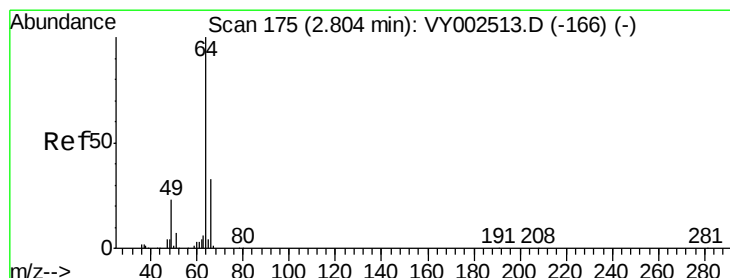
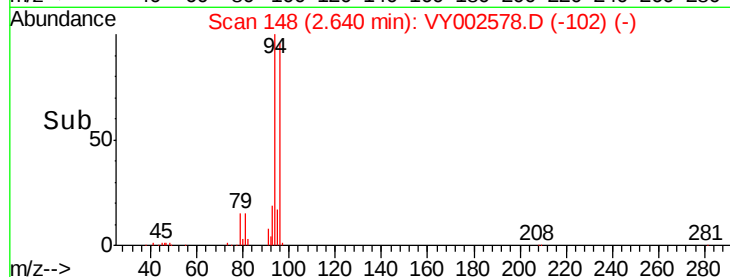
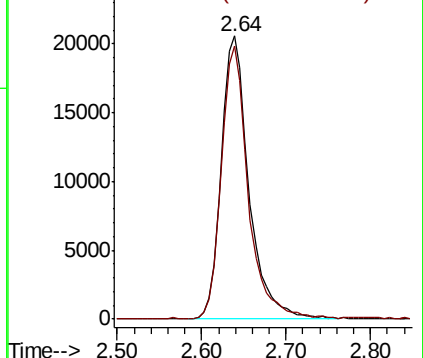
94 100

96 96.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.257 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002578.D

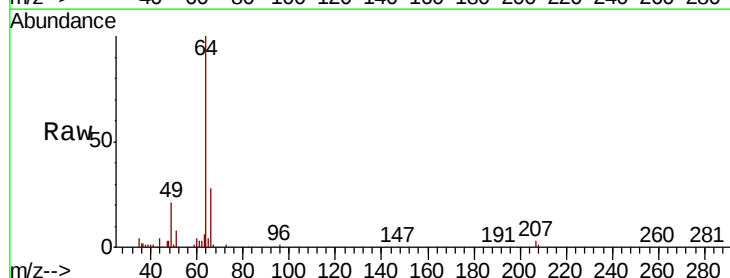
Acq: 05 May 2020 11:44

Tgt Ion: 64 Resp: 40865

Ion Ratio Lower Upper

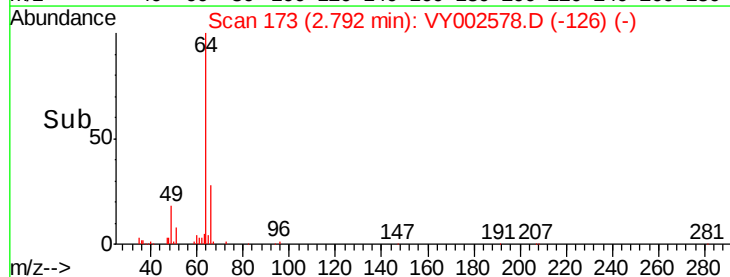
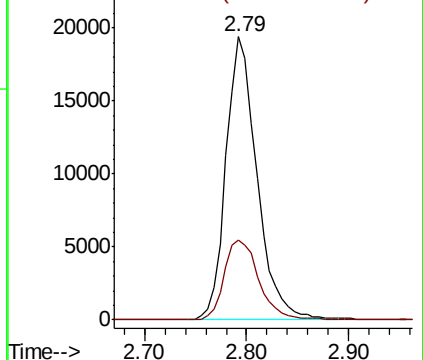
64 100

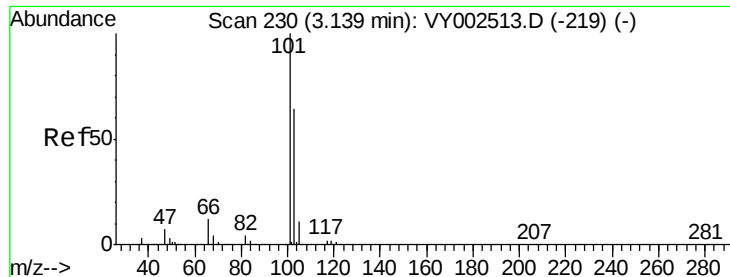
66 28.2 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



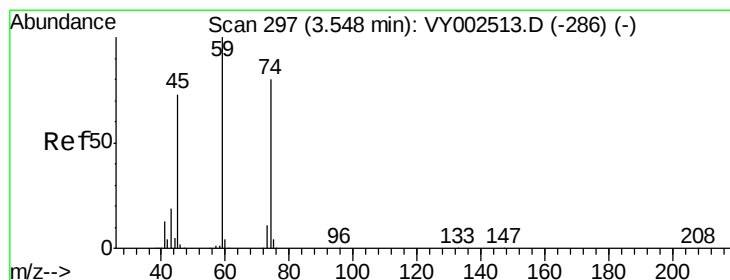
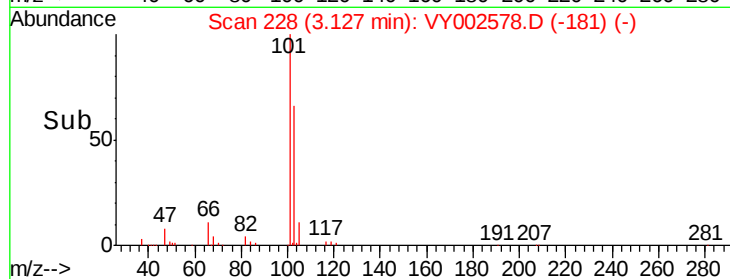
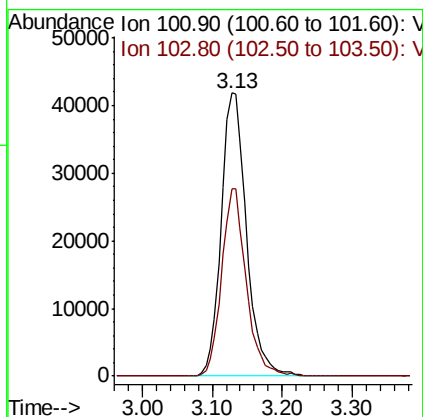
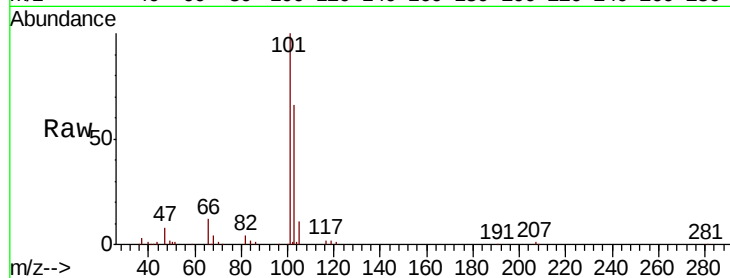


#7

Trichlorofluoromethane
Concen: 19.129 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :

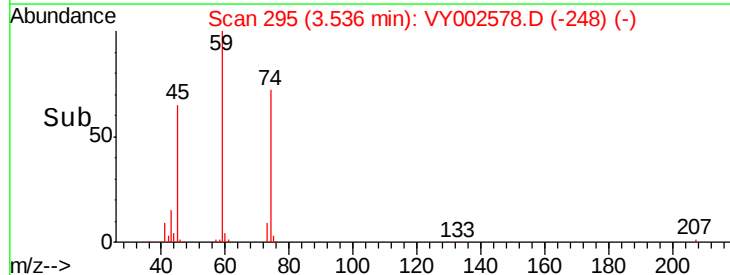
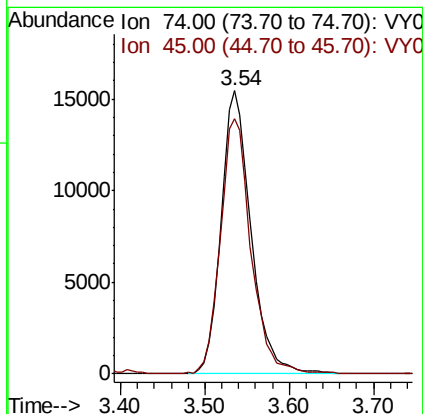
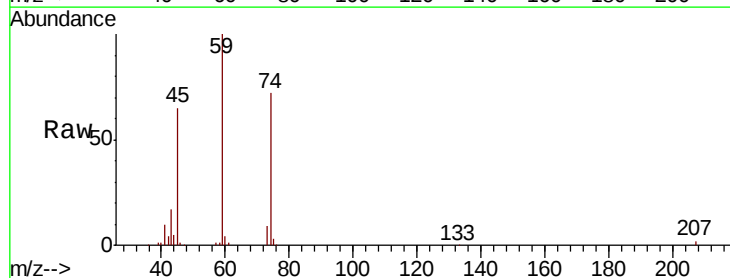
Tot Ion:101 Resp: 105367
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.0

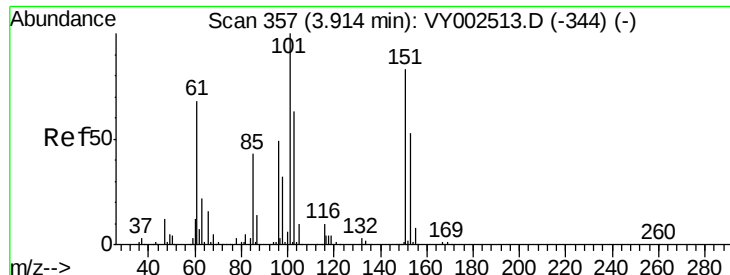


#8

Diethyl Ether
Concen: 20.272 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion: 74 Resp: 37525
Ion Ratio Lower Upper
74 100
45 92.5 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.838 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

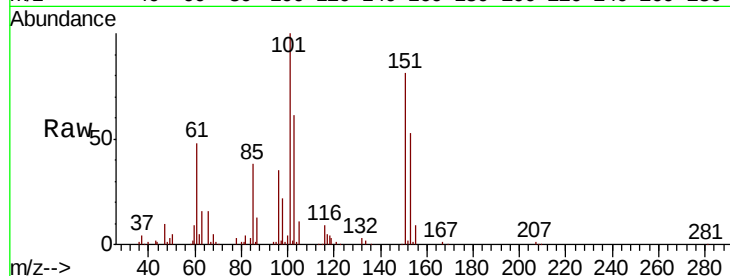
Tot Ion:101 Resp: 66784

Ion Ratio Lower Upper

101 100

85 42.0 33.4 50.2

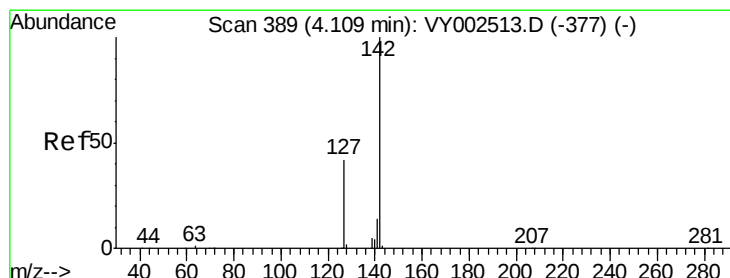
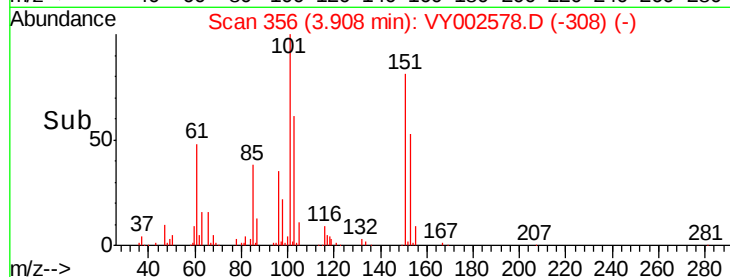
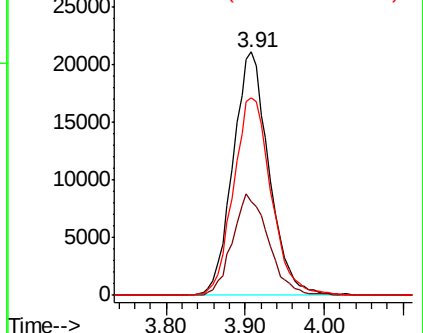
151 85.2 66.8 100.2



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: 18.973 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

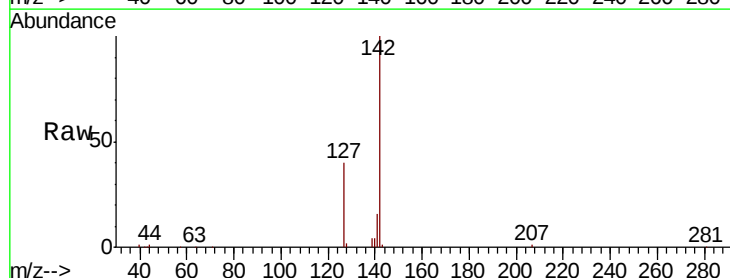
Tgt Ion:142 Resp: 87019

Ion Ratio Lower Upper

142 100

127 41.2 33.7 50.5

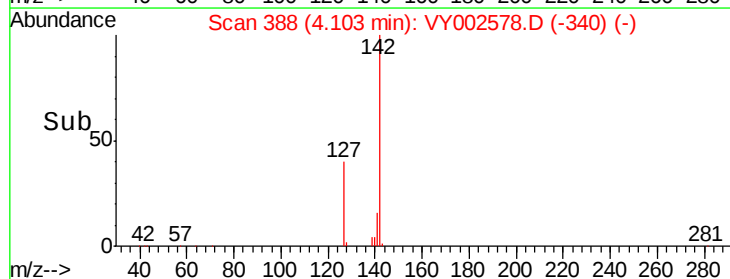
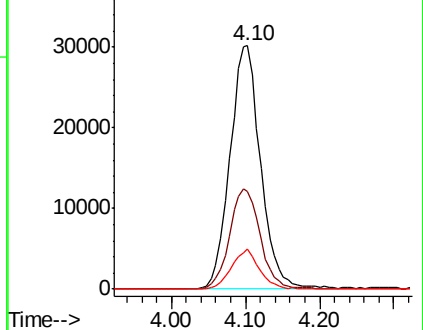
141 14.9 11.4 17.0

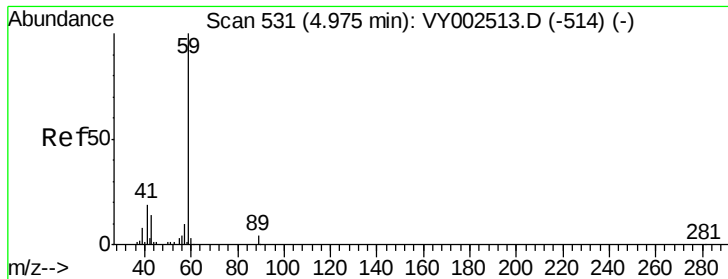


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

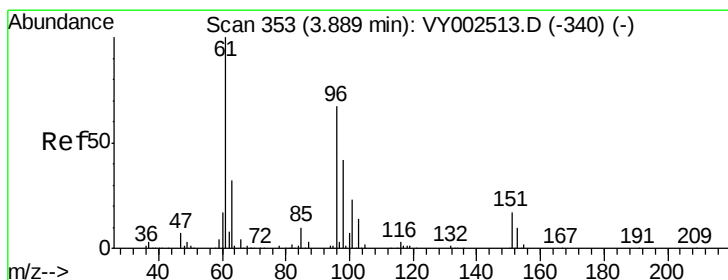
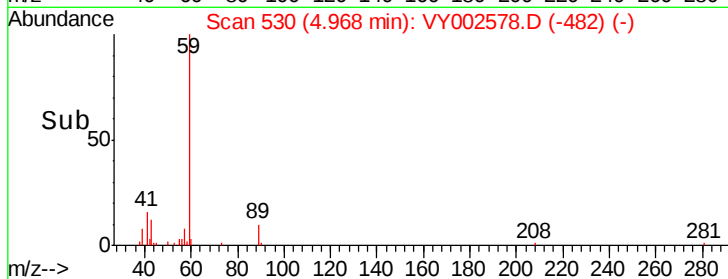
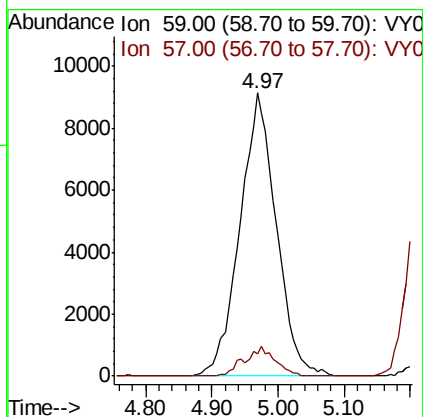
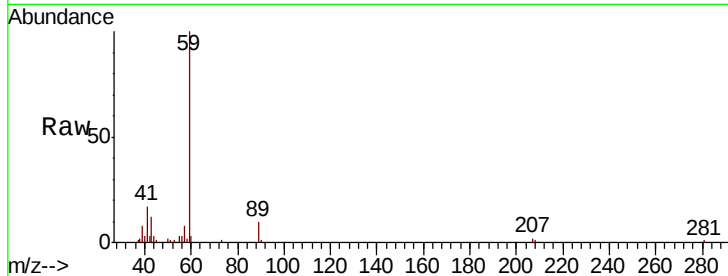




#11
Tert butyl alcohol
Concen: 106.122 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

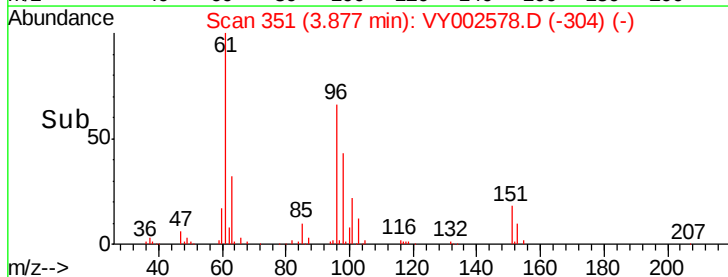
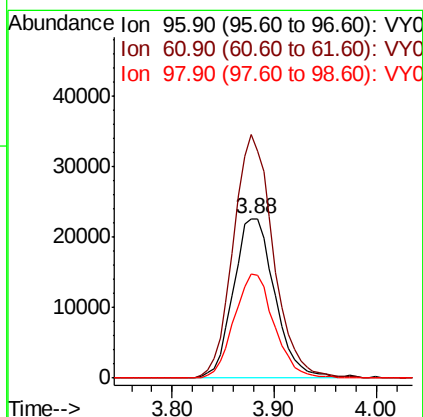
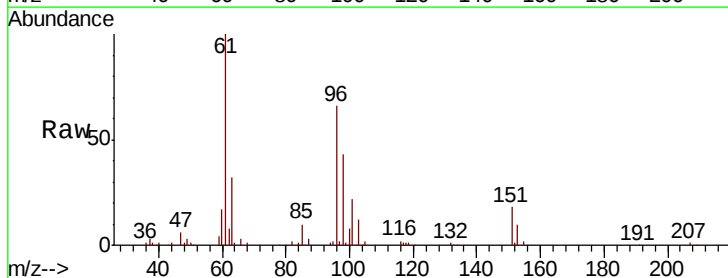
Instrument :
MSVOA_Y
ClientSampled :

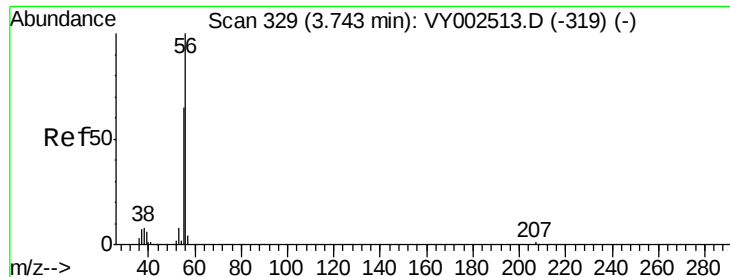
Tot Ion: 59 Resp: 34876
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.6



#12
1,1-Dichloroethene
Concen: 19.477 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion: 96 Resp: 63699
Ion Ratio Lower Upper
96 100
61 152.5 118.8 178.2
98 64.8 49.6 74.4





#13

Acrolein

Concen: 84.605 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

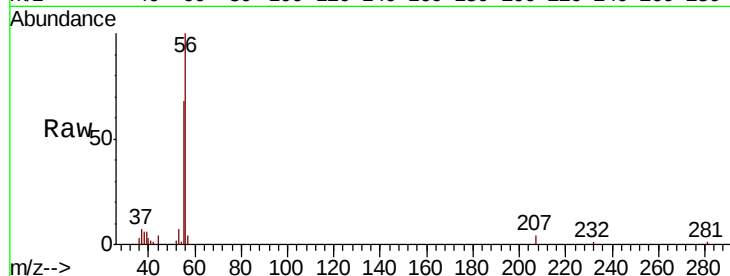
ClientSampleId :

Tot Ion: 56 Resp: 19227

Ion Ratio Lower Upper

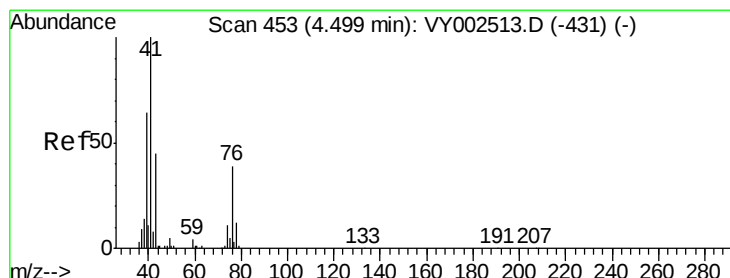
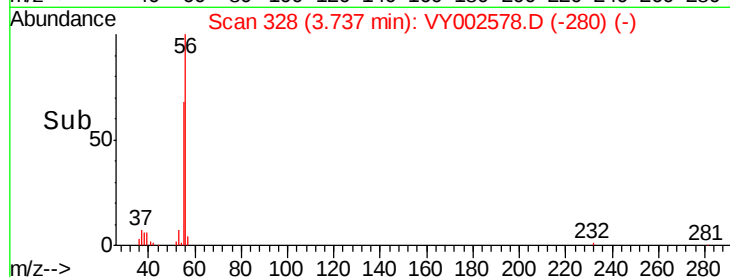
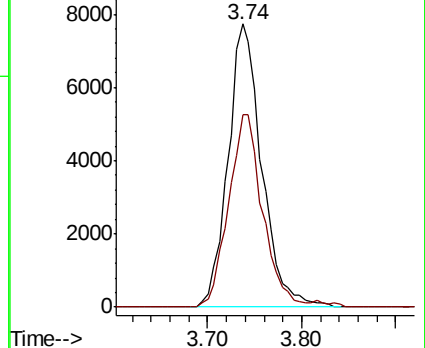
56 100

55 68.5 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.264 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

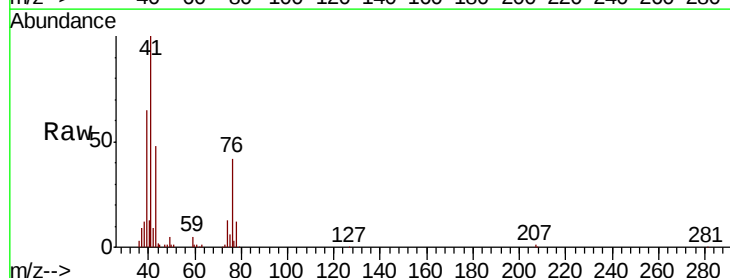
Tgt Ion: 41 Resp: 96559

Ion Ratio Lower Upper

41 100

39 63.6 51.8 77.6

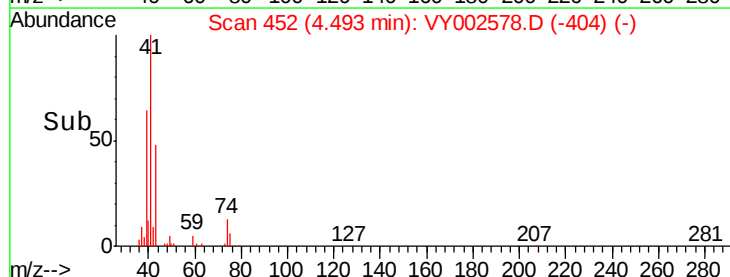
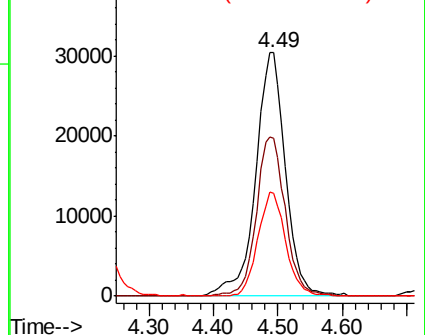
76 39.9 31.7 47.5

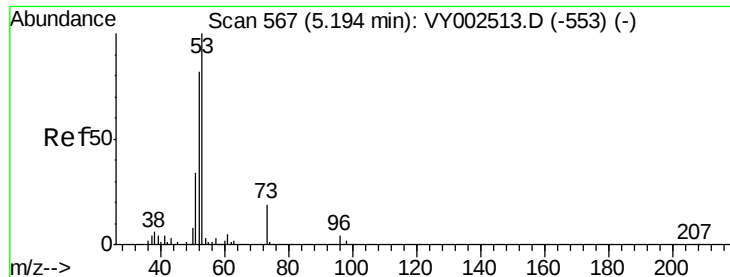


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 105.362 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

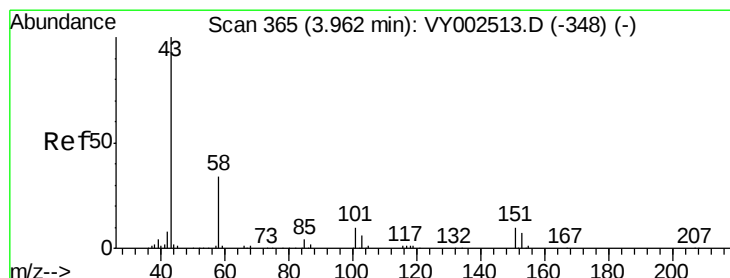
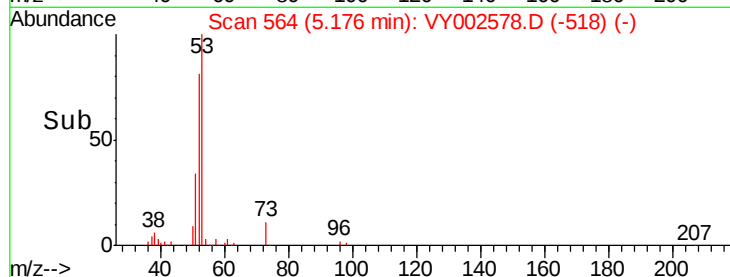
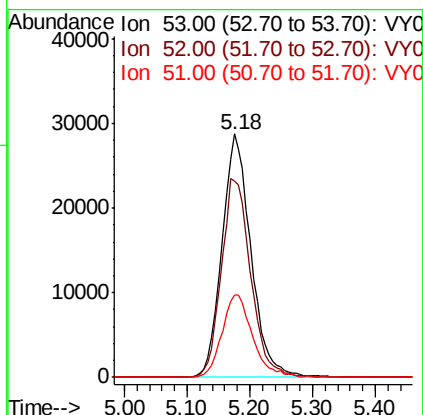
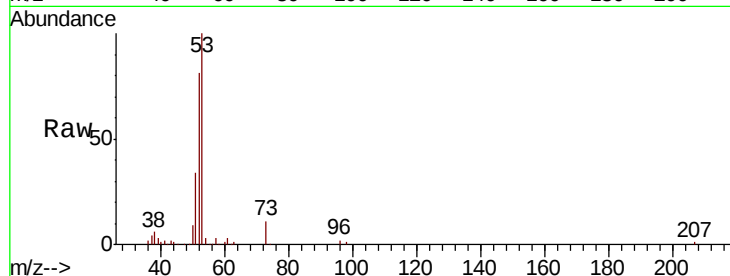
Tot Ion: 53 Resp: 91973

Ion Ratio Lower Upper

53 100

52 83.0 65.4 98.0

51 35.6 28.7 43.1



#16

Acetone

Concen: 104.310 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002578.D

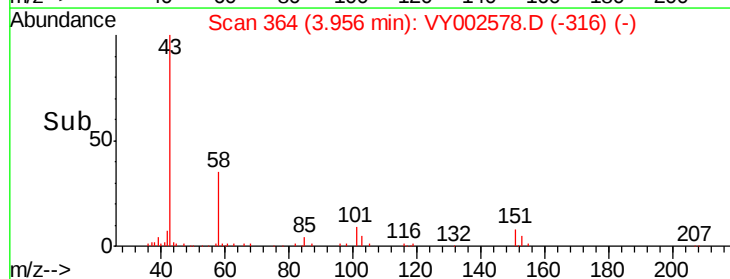
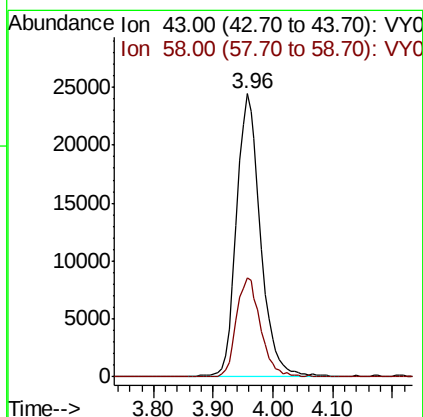
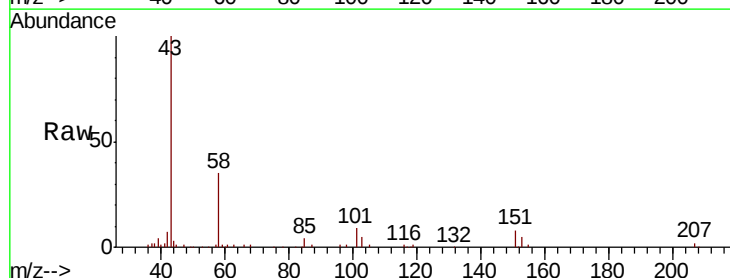
Acq: 05 May 2020 11:44

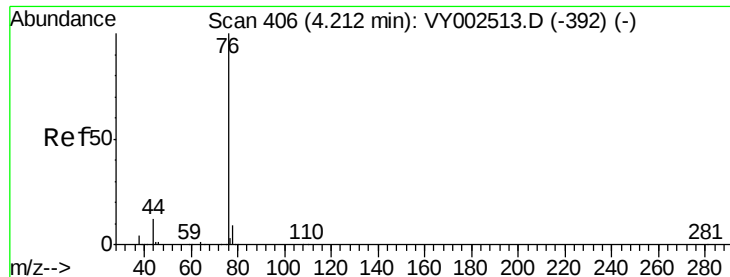
Tgt Ion: 43 Resp: 68765

Ion Ratio Lower Upper

43 100

58 35.1 26.9 40.3

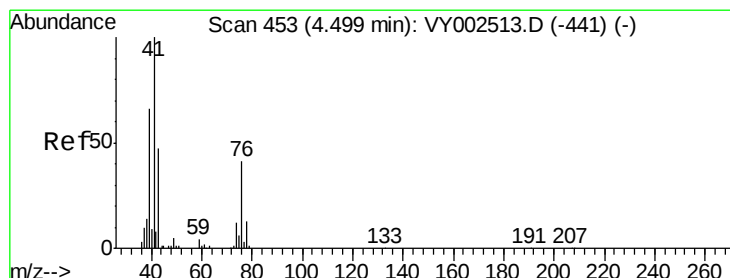
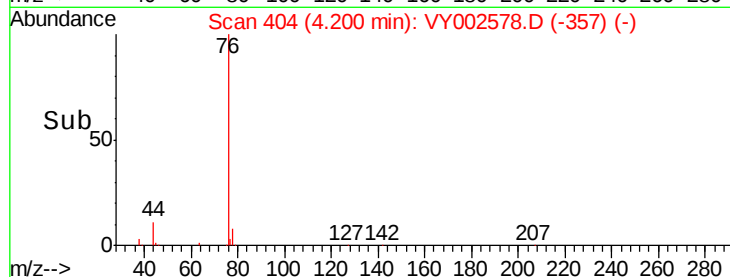
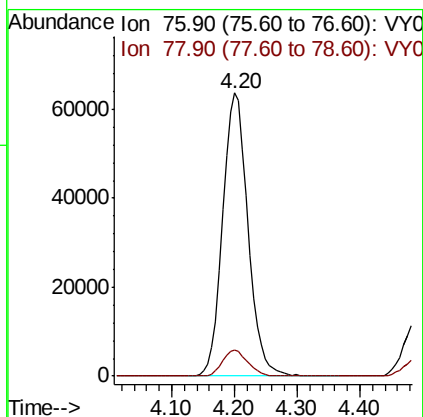
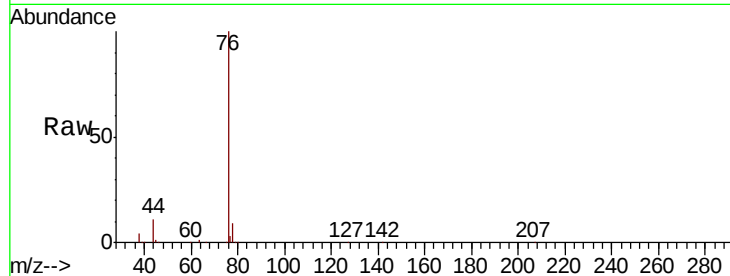




#17
Carbon Disulfide
Concen: 18.051 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

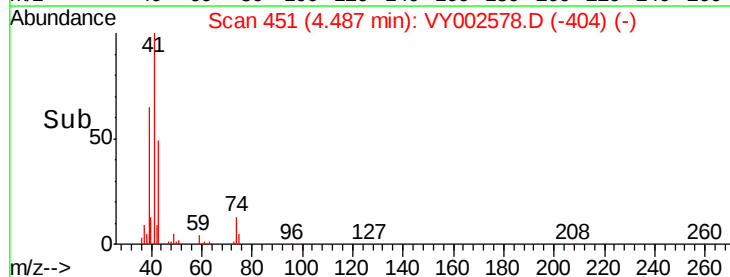
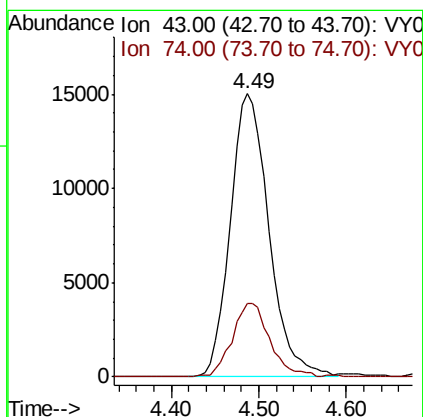
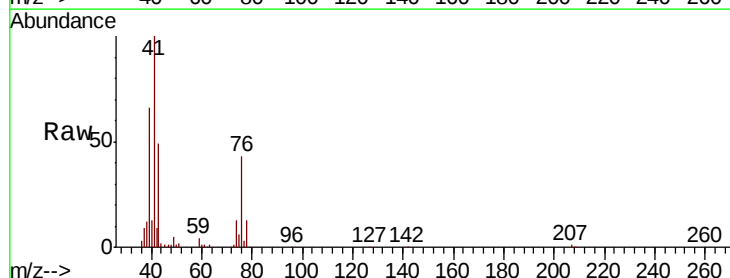
Instrument :
MSVOA_Y
ClientSampleId :

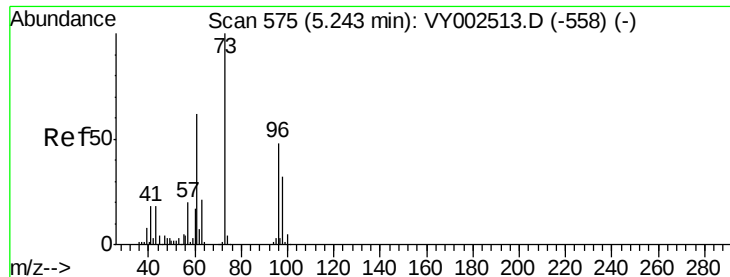
Tot Ion: 76 Resp: 177603
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 20.948 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion: 43 Resp: 46141
Ion Ratio Lower Upper
43 100
74 25.2 21.2 31.8

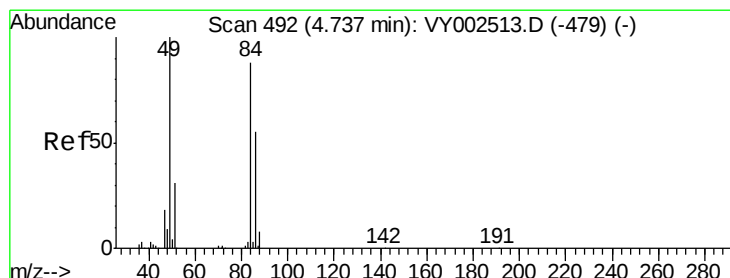
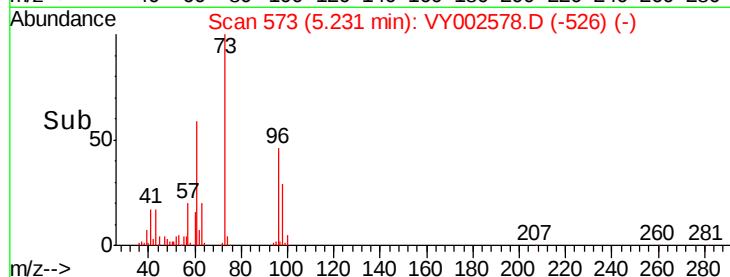
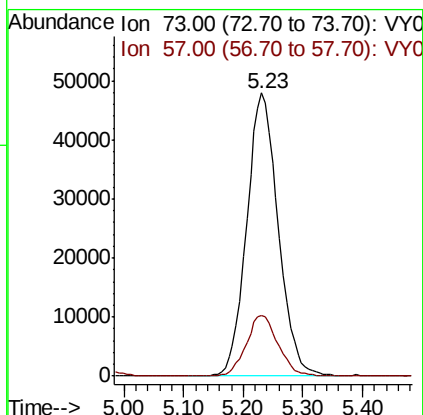
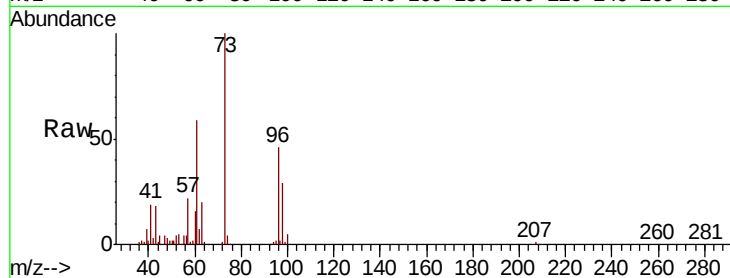




#19
Methvl tert-butvl Ether
Concen: 20.616 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

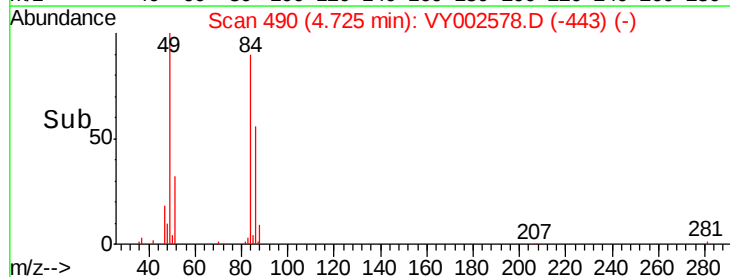
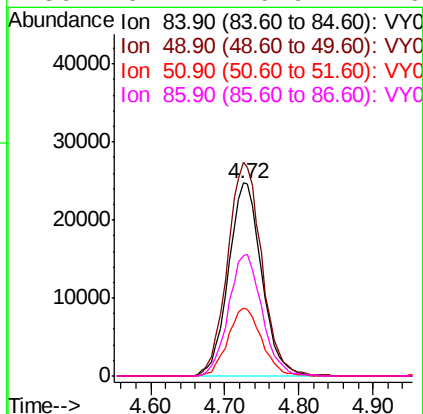
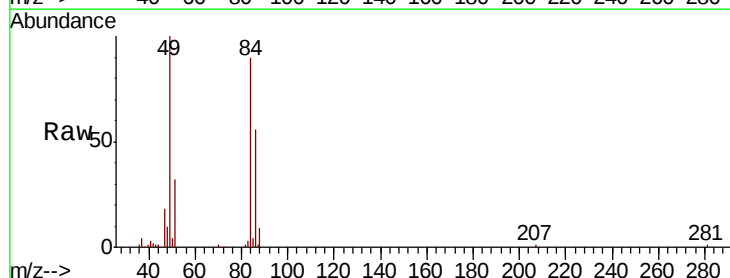
Instrument :
MSVOA_Y
ClientSampleId :

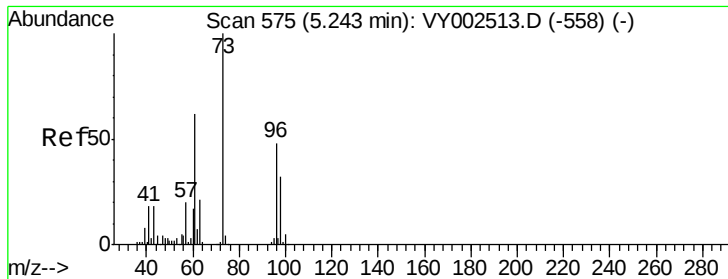
Tot Ion: 73 Resp: 175904
Ion Ratio Lower Upper
73 100
57 21.6 16.3 24.5



#20
Methylene Chloride
Concen: 20.988 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion: 84 Resp: 77373
Ion Ratio Lower Upper
84 100
49 110.7 90.5 135.7
51 35.4 28.3 42.5
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.952 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

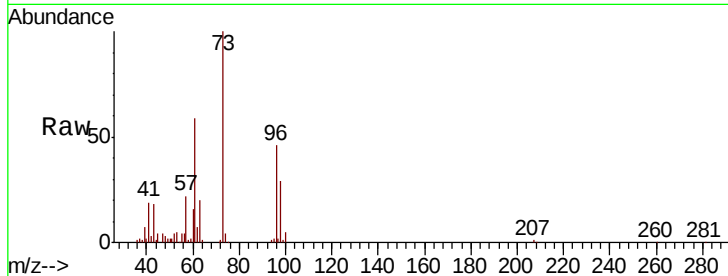
Tot Ion: 96 Resp: 71320

Ion Ratio Lower Upper

96 100

61 127.2 102.0 153.0

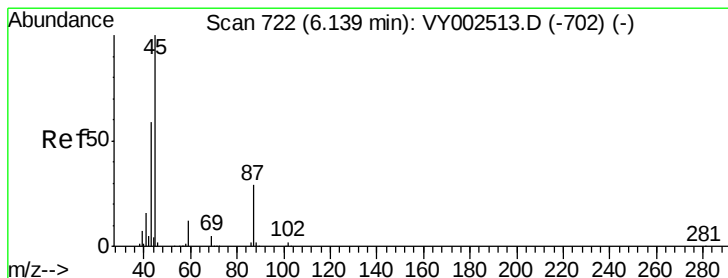
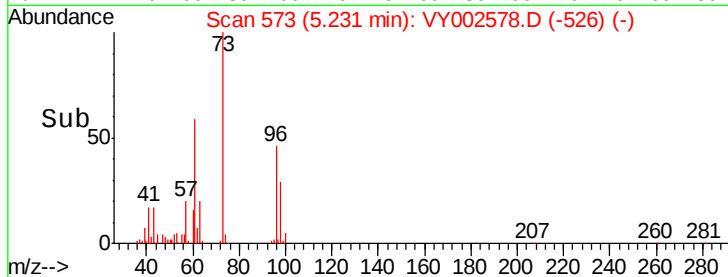
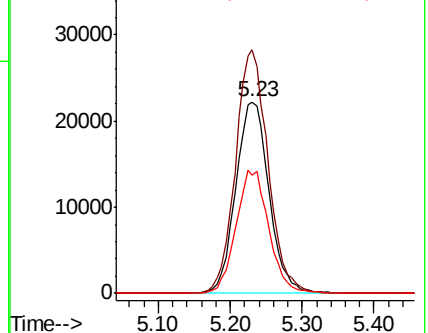
98 62.0 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VY002513.D (-558) (-)

Ion 60.90 (60.60 to 61.60): VY002513.D (-558) (-)

Ion 97.90 (97.60 to 98.60): VY002513.D (-558) (-)



#22

Diisopropyl ether

Concen: 21.154 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Tgt Ion: 45 Resp: 203956

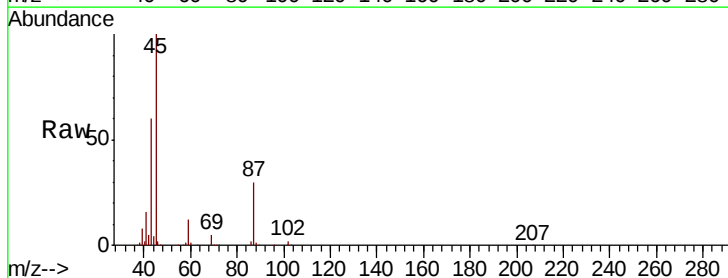
Ion Ratio Lower Upper

45 100

43 59.6 47.4 71.0

87 29.6 24.0 36.0

59 11.8 9.8 14.8

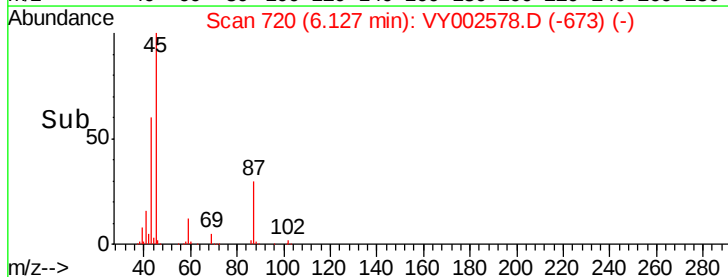
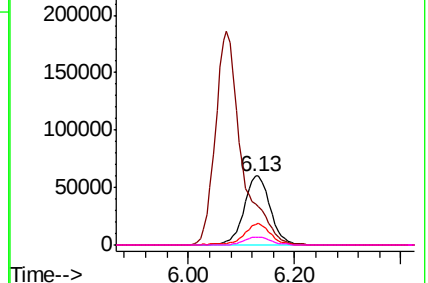


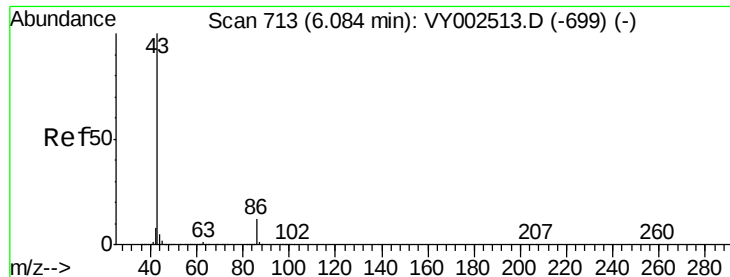
Abundance Ion 45.00 (44.70 to 45.70): VY002513.D (-702) (-)

Ion 43.00 (42.70 to 43.70): VY002513.D (-702) (-)

Ion 87.00 (86.70 to 87.70): VY002513.D (-702) (-)

Ion 59.00 (58.70 to 59.70): VY002513.D (-702) (-)





#23

Vinyl Acetate

Concen: 104.589 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

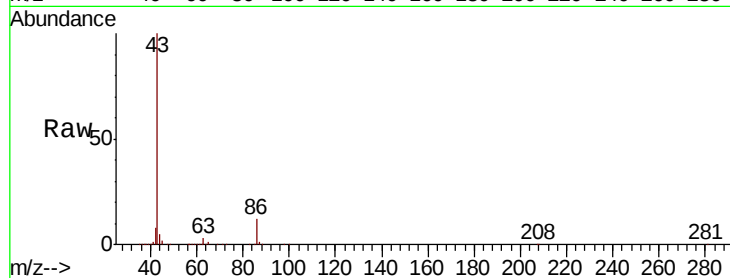
ClientSampleId :

Tot Ion: 43 Resp: 634174

Ion Ratio Lower Upper

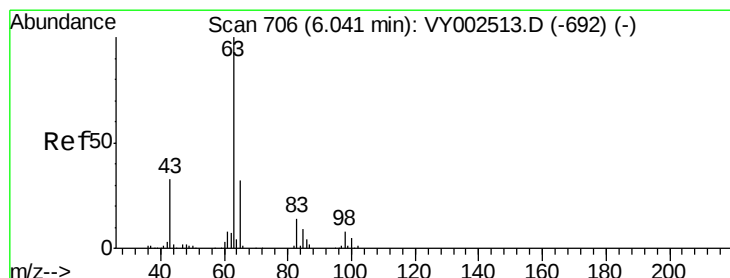
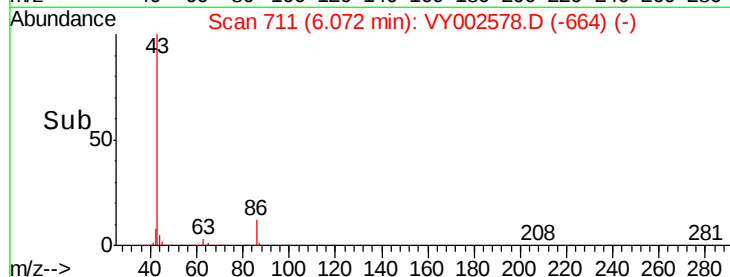
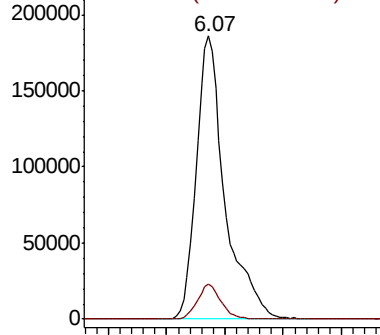
43 100

86 12.4 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.707 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

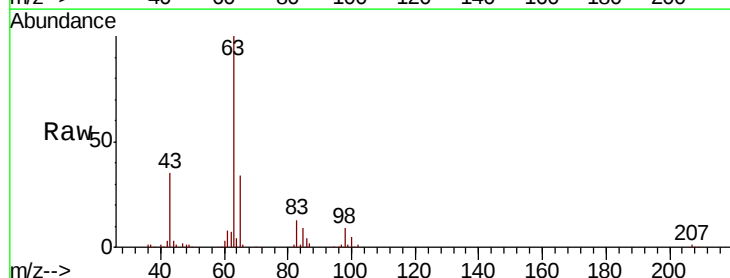
Tgt Ion: 63 Resp: 118108

Ion Ratio Lower Upper

63 100

98 8.7 3.9 11.7

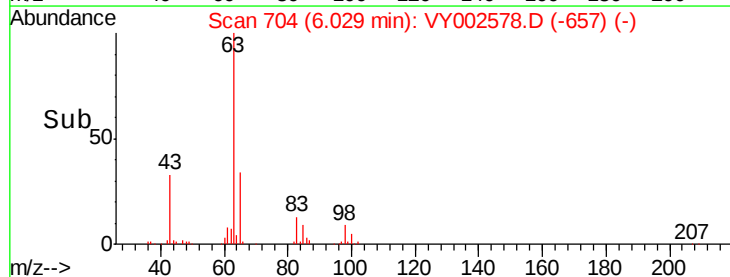
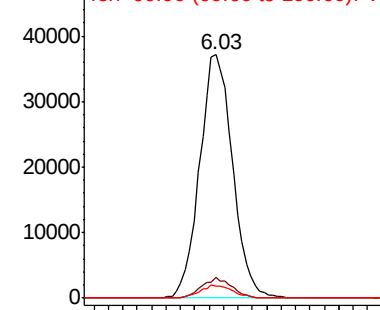
100 4.7 2.4 7.2



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

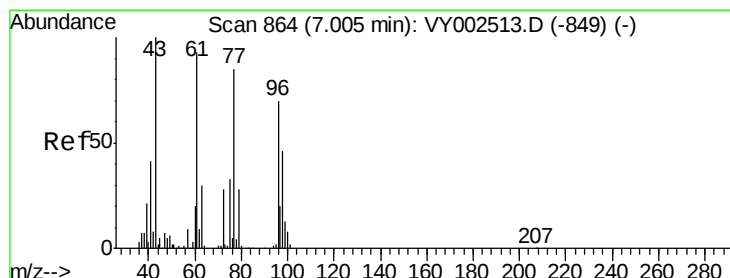
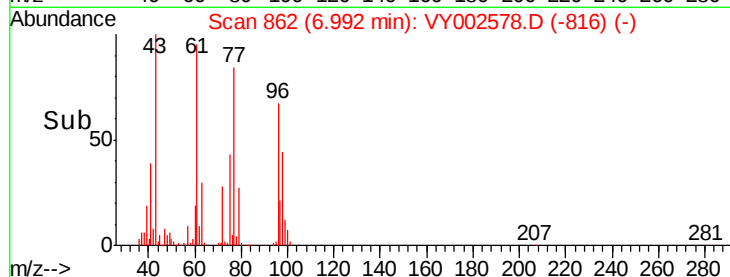
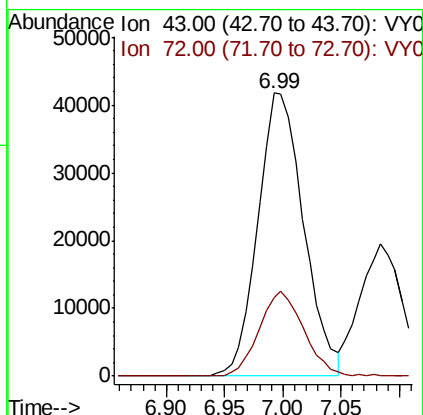
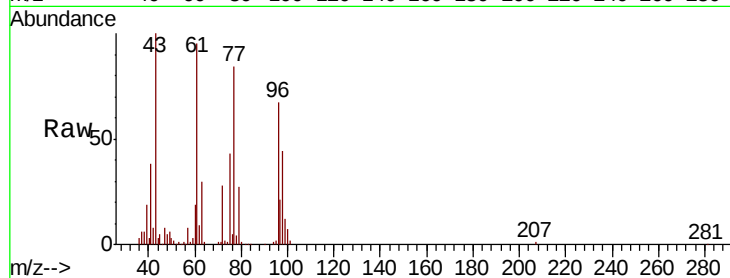




#25
2-Butanone
Concen: 105.259 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

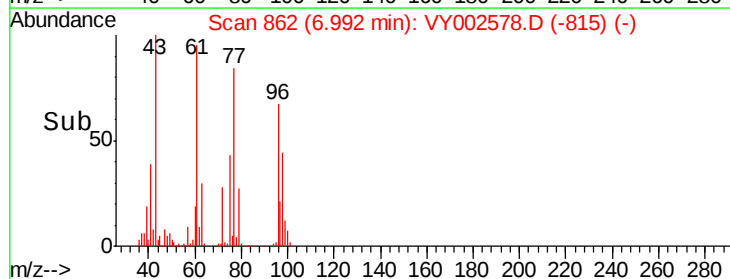
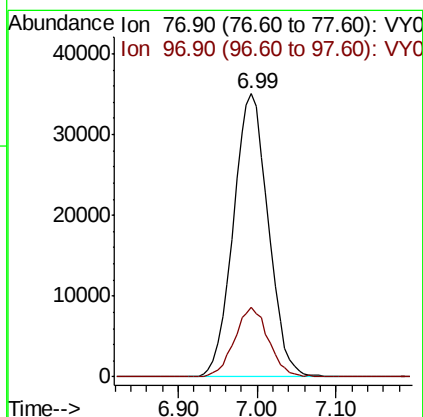
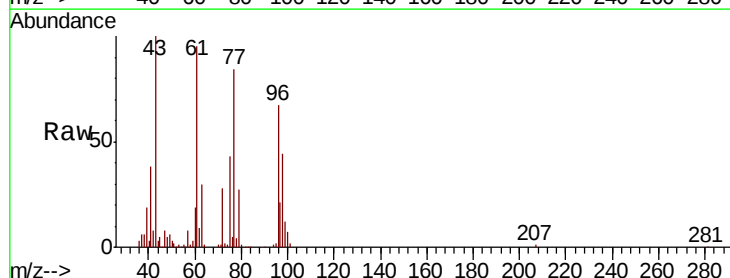
Instrument :
MSVOA_Y
ClientSampled :

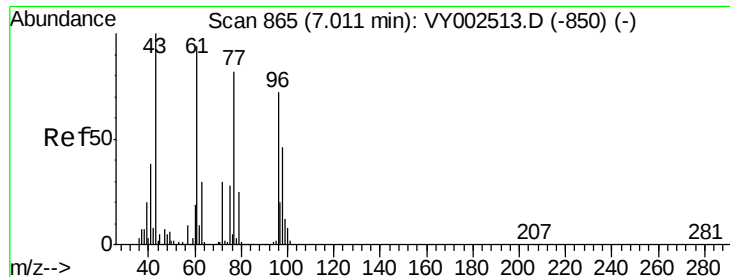
Tot Ion: 43 Resp: 113588
Ion Ratio Lower Upper
43 100
72 27.6 24.1 36.1



#26
2,2-Dichloropropane
Concen: 19.855 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion: 77 Resp: 107650
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.5



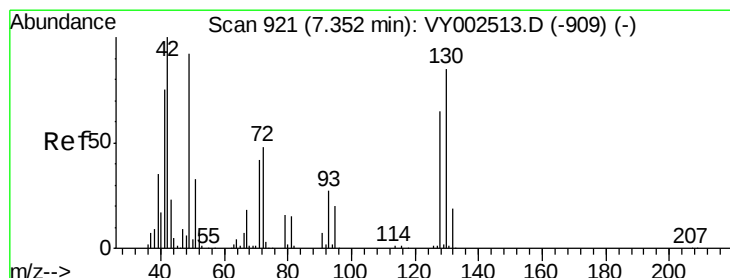
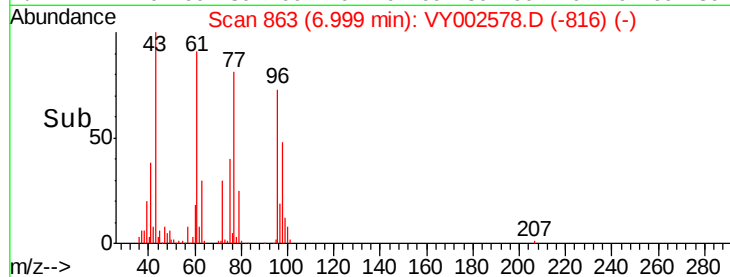
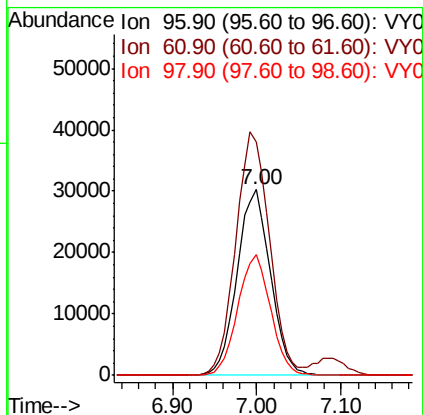
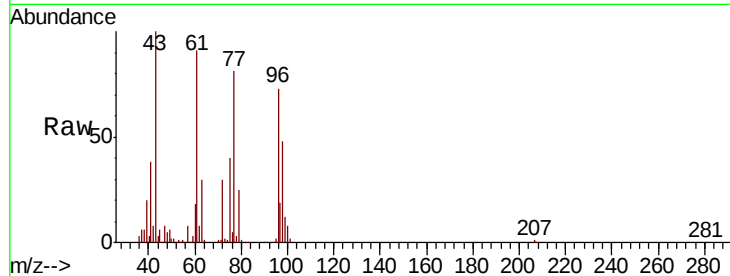


#27

cis-1,2-Dichloroethene
Concen: 20.460 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Instrument :
MSVOA_Y
ClientSampled :

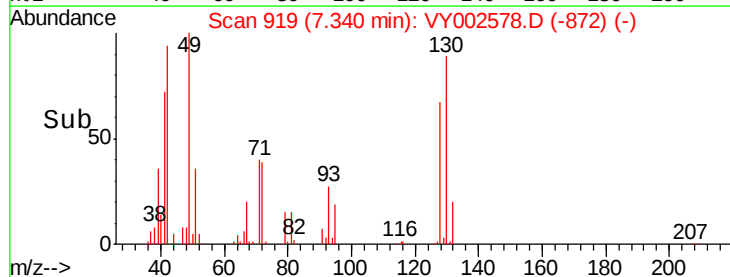
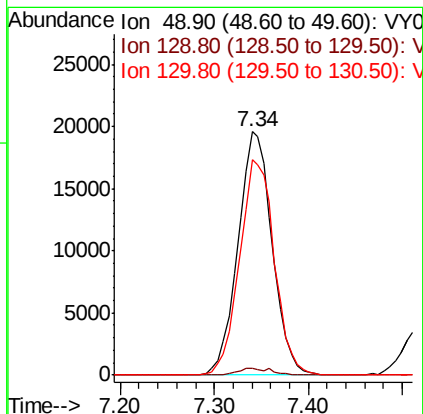
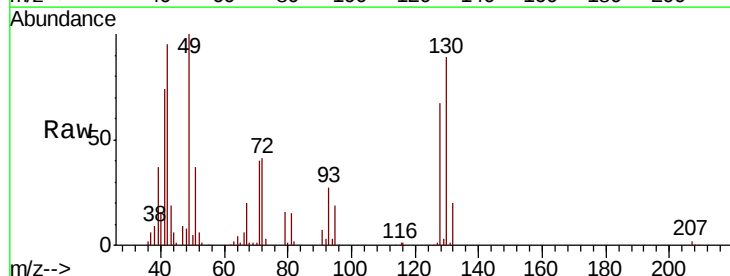
Tot Ion: 96 Resp: 80921
Ion Ratio Lower Upper
96 100
61 132.9 0.0 266.6
98 64.0 0.0 129.2

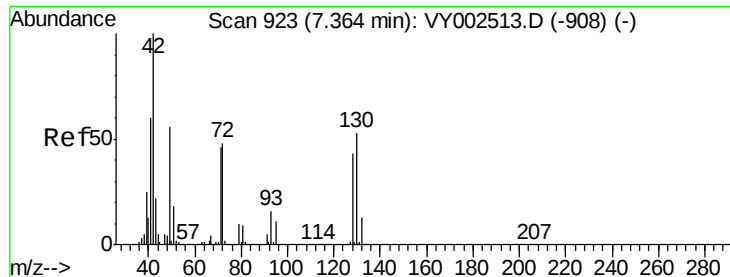


#28

Bromochloromethane
Concen: 21.202 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion: 49 Resp: 49549
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.8
130 90.2 72.5 108.7





#29

Tetrahydrofuran

Concen: 108.947 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

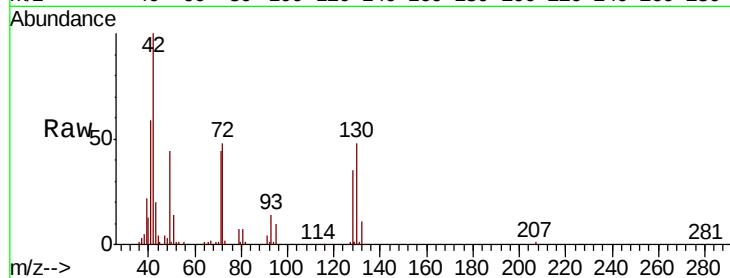
Tot Ion: 42 Resp: 77785

Ion Ratio Lower Upper

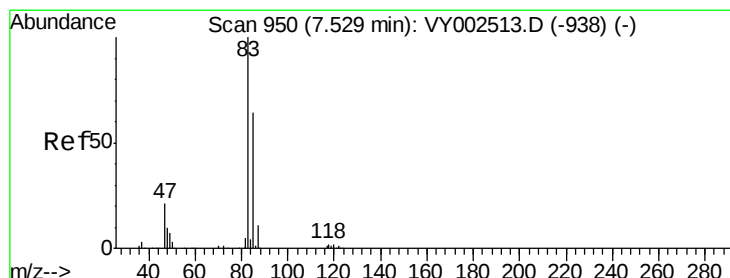
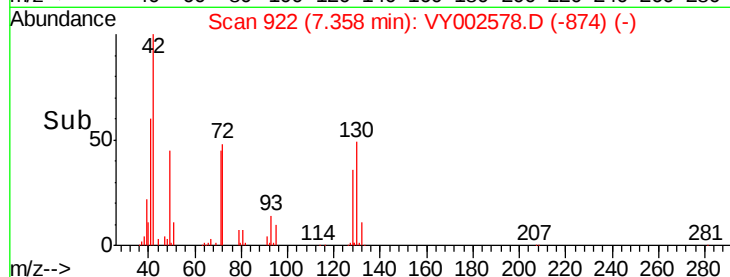
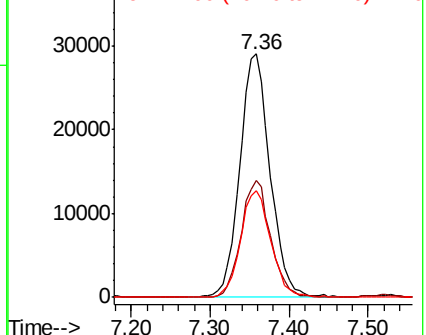
42 100

72 46.6 37.4 56.2

71 43.5 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 20.584 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY002578.D

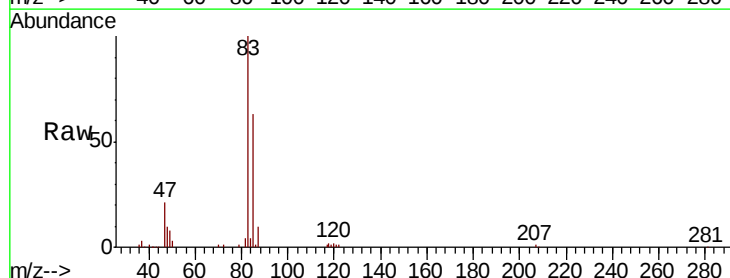
Acq: 05 May 2020 11:44

Tgt Ion: 83 Resp: 122079

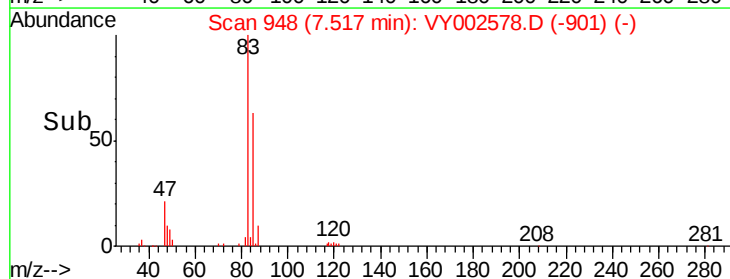
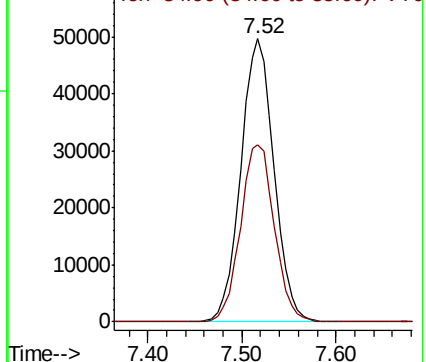
Ion Ratio Lower Upper

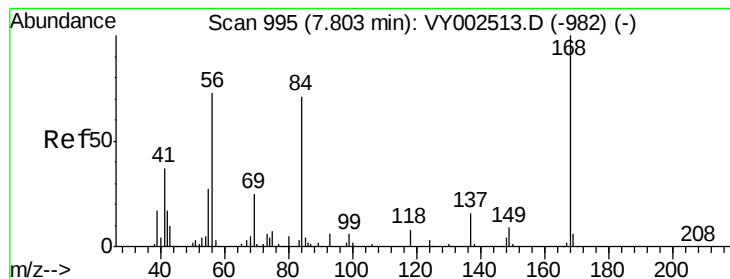
83 100

85 62.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.411 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

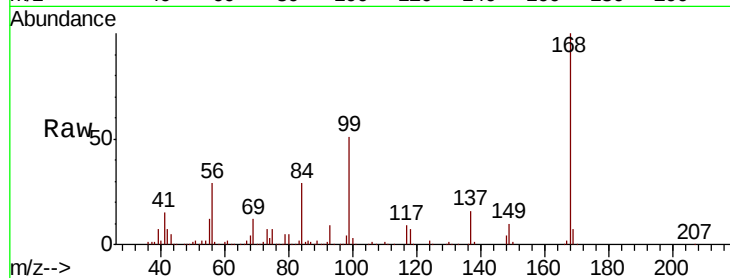
Tot Ion: 56 Resp: 111447

Ion Ratio Lower Upper

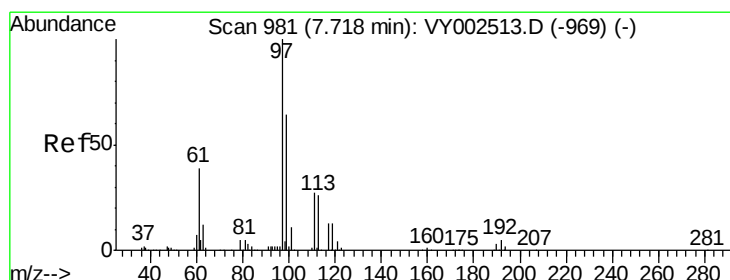
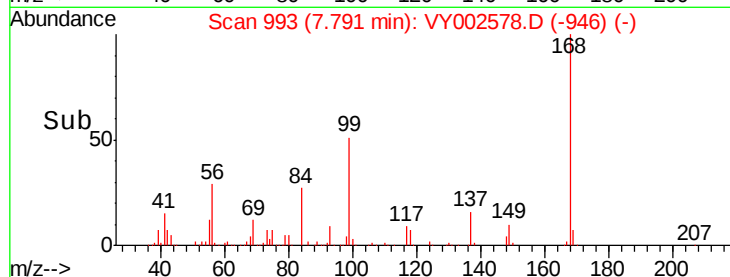
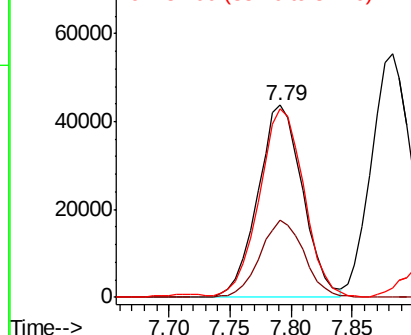
56 100

69 40.5 27.6 41.4

84 96.5 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.901 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

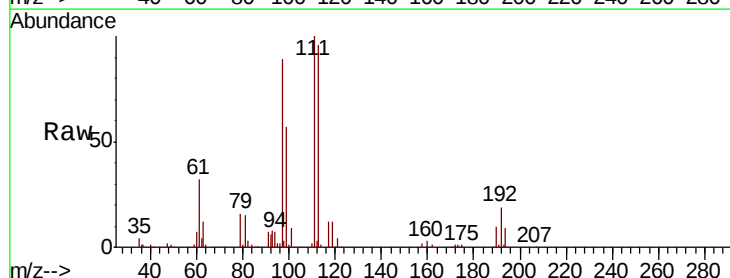
Tgt Ion: 97 Resp: 109705

Ion Ratio Lower Upper

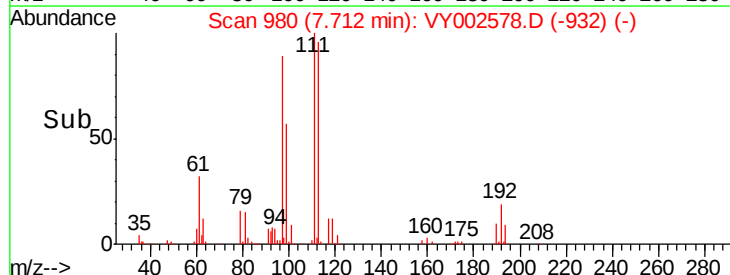
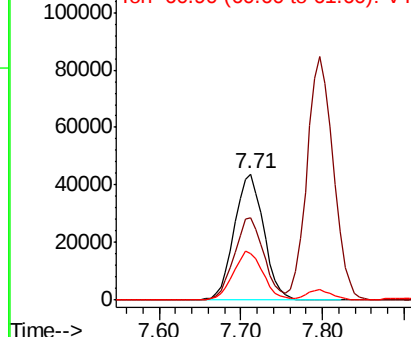
97 100

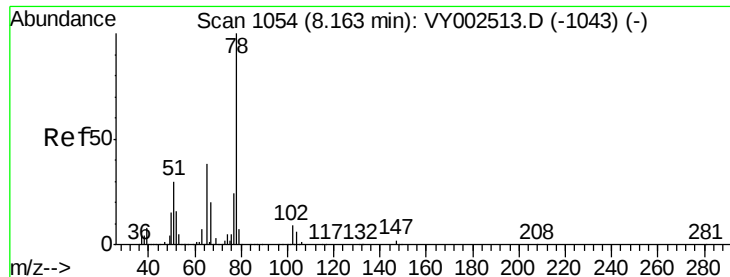
99 65.3 51.9 77.9

61 38.6 31.0 46.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

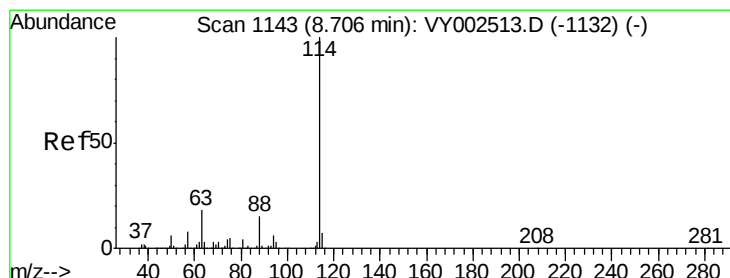
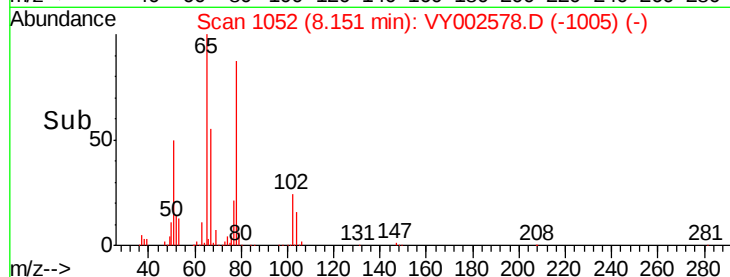
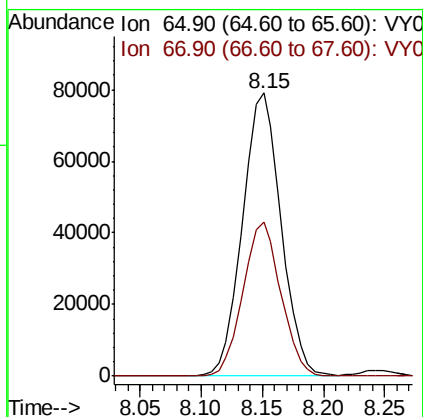
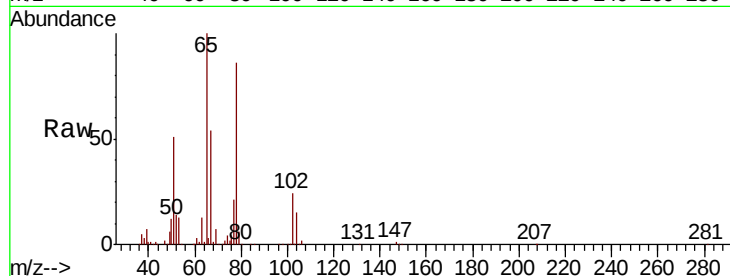




#33
 1,2-Dichloroethane-d4
 Concen: 54.206 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

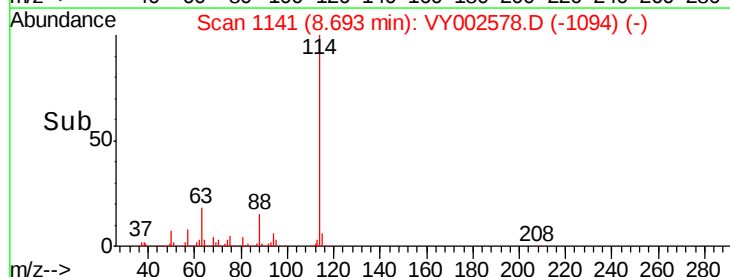
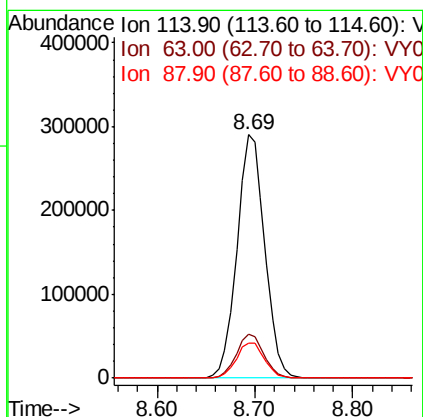
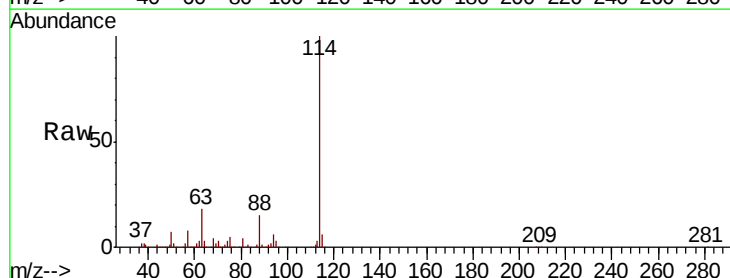
Instrument :
 MSVOA_Y
 ClientSampleId :

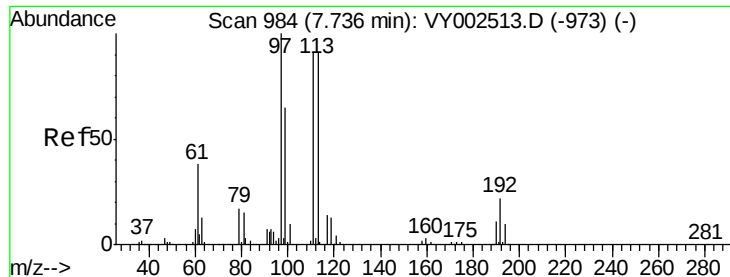
Tot Ion: 65 Resp: 173151
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Tgt Ion: 114 Resp: 569357
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.4
 88 14.5 0.0 29.6

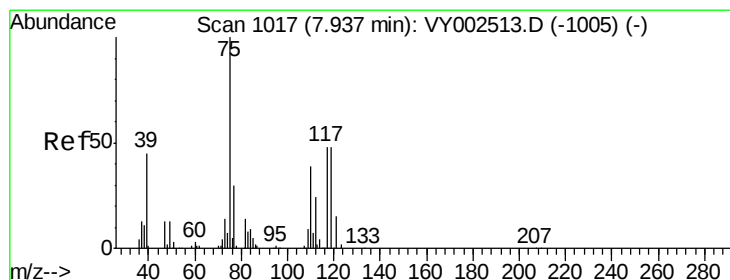
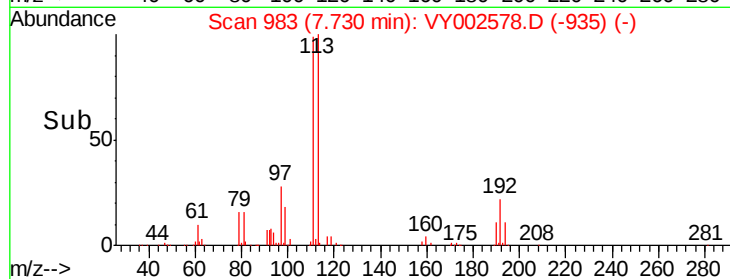
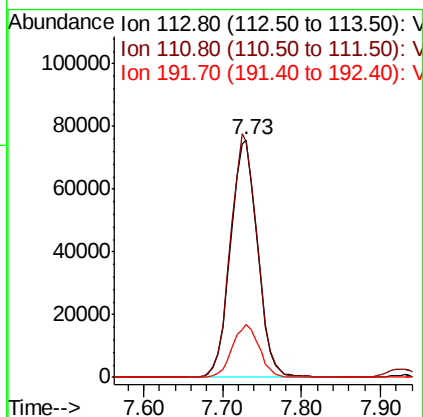
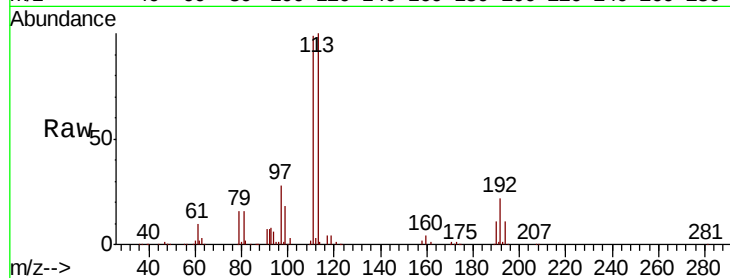




#35
 Dibromofluoromethane
 Concen: 55.316 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

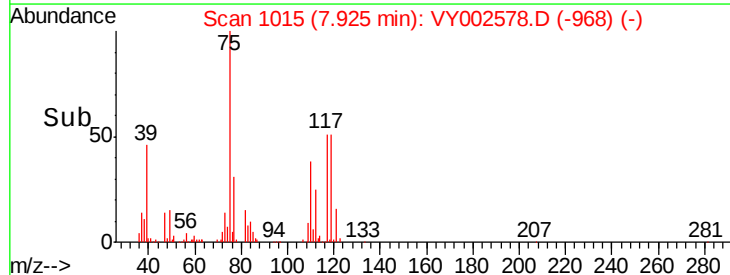
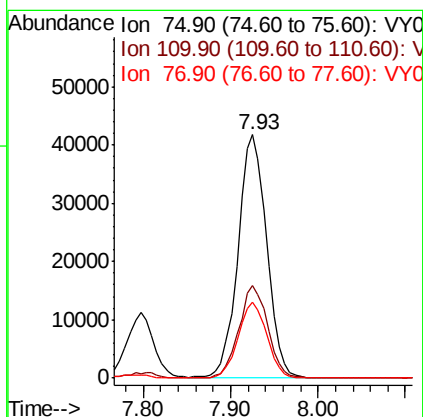
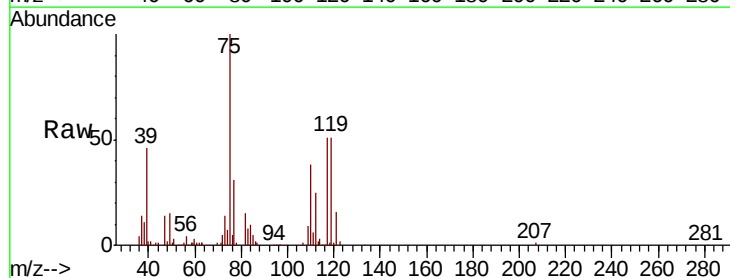
Instrument :
 MSVOA_Y
 ClientSampleId :

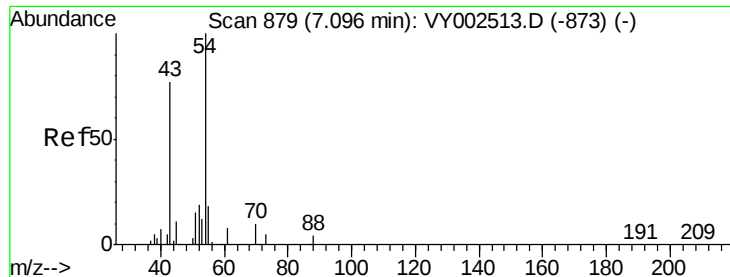
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.6
192	22.1	18.2	27.4



#36
 1,1-Dichloropropene
 Concen: 19.917 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.1	57.3
77	31.1	24.6	37.0

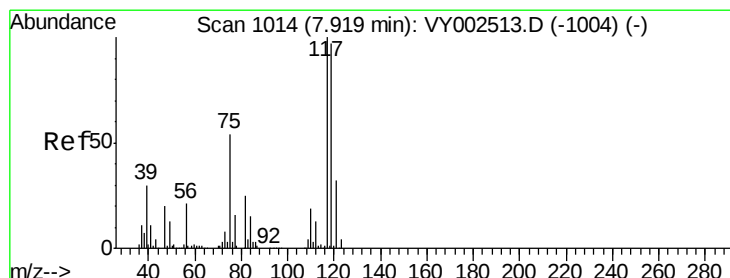
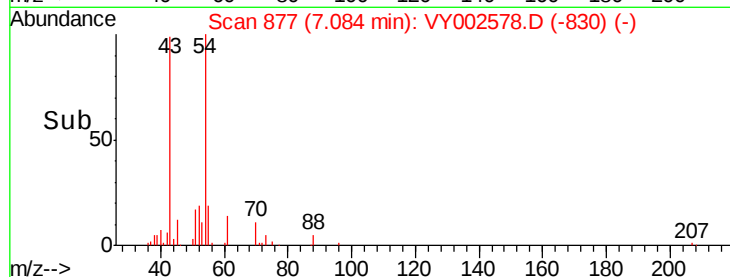
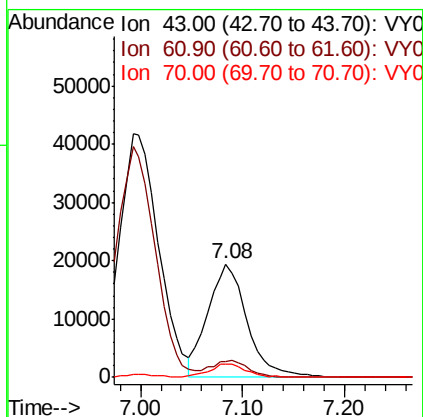
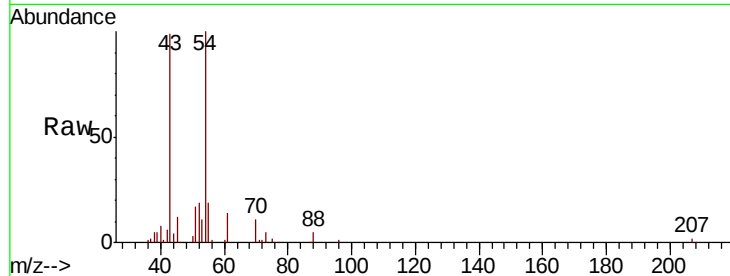




#37
Ethyl Acetate
Concen: 20.930 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

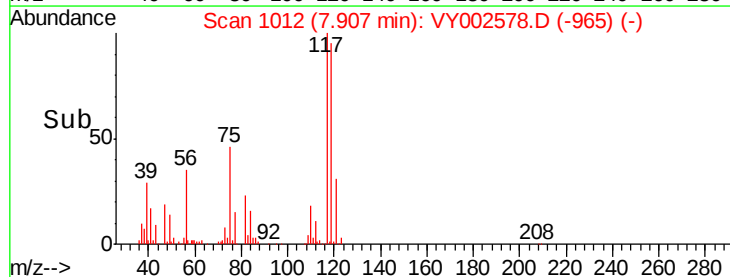
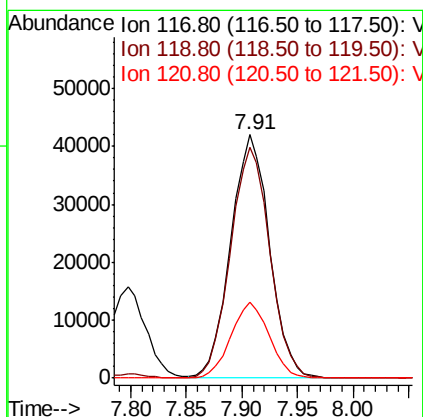
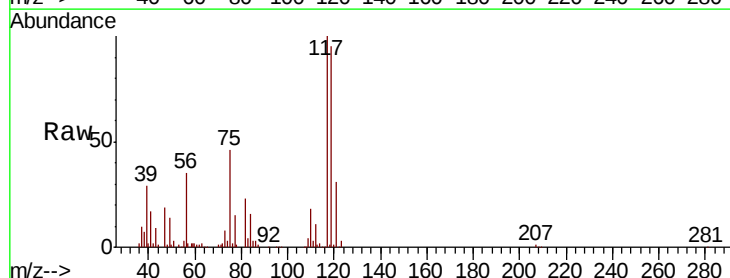
Instrument :
MSVOA_Y
ClientSampled :

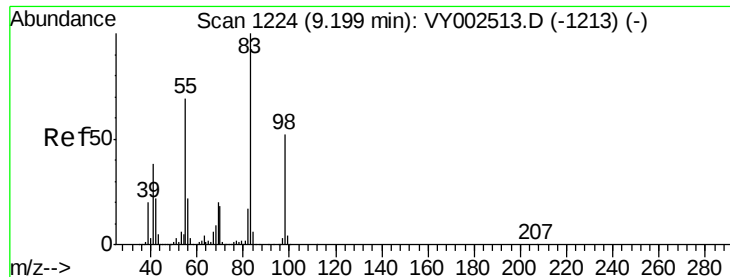
Tot Ion: 43 Resp: 51336
Ion Ratio Lower Upper
43 100
61 14.6 11.6 17.4
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.480 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion: 117 Resp: 101510
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
121 31.2 25.2 37.8

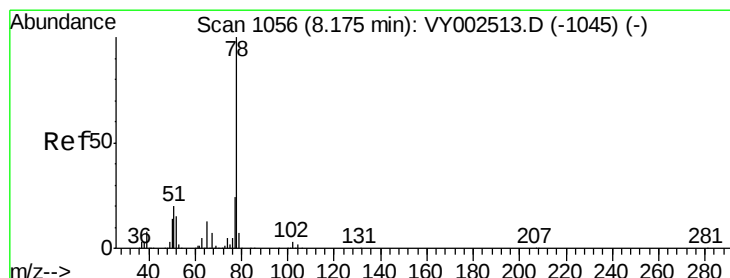
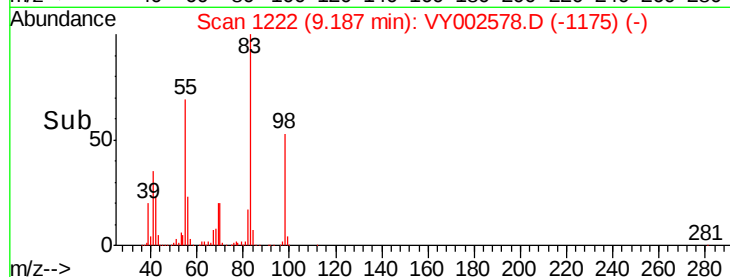
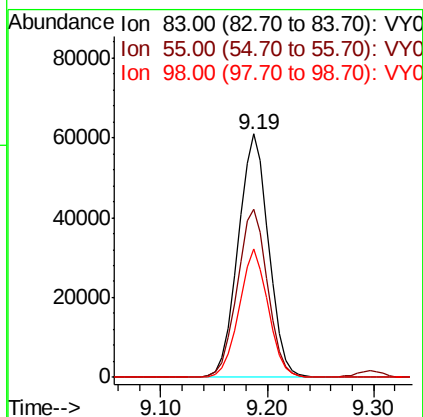
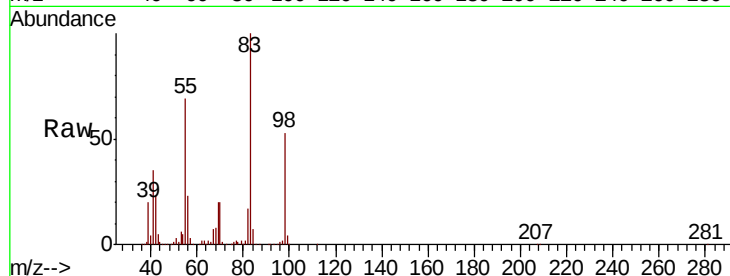




#39
Methvlcvclohexane
Concen: 19.351 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

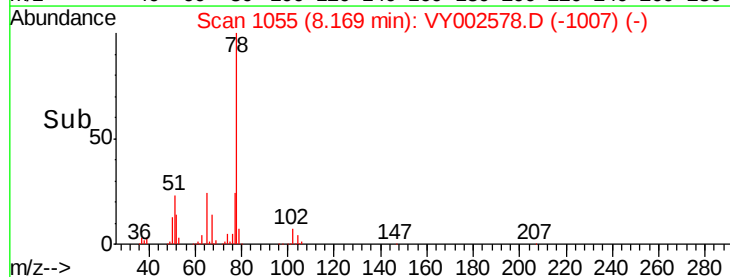
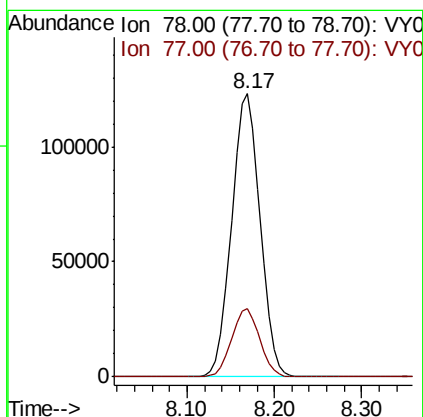
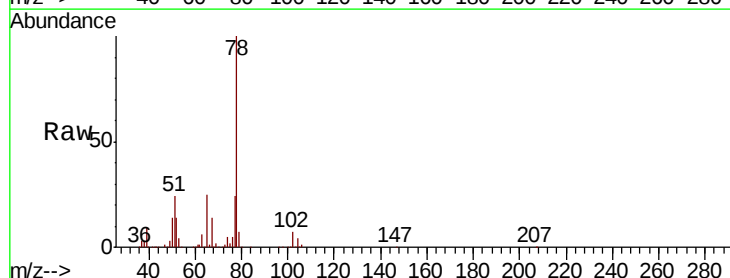
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 121991
Ion Ratio Lower Upper
83 100
55 69.1 55.4 83.0
98 53.0 41.3 61.9



#40
Benzene
Concen: 20.177 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion: 78 Resp: 278147
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8

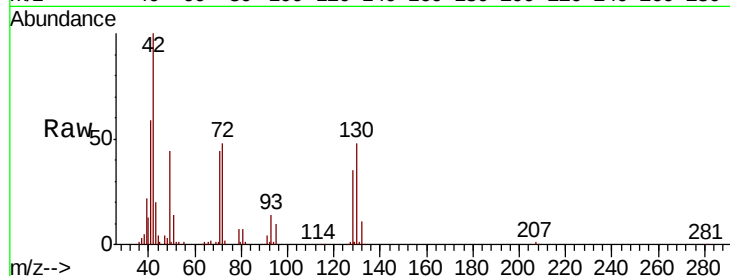




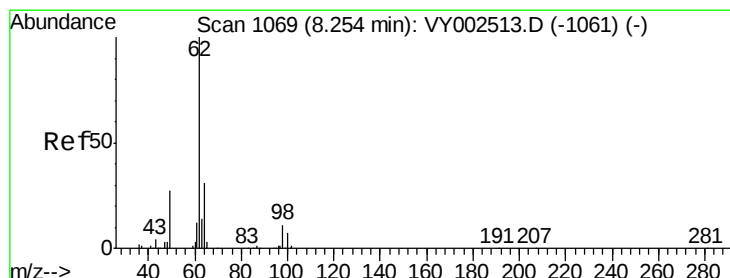
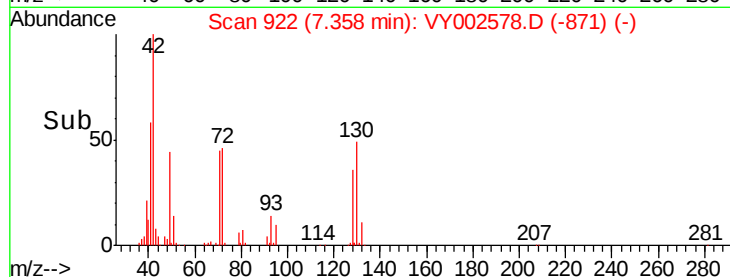
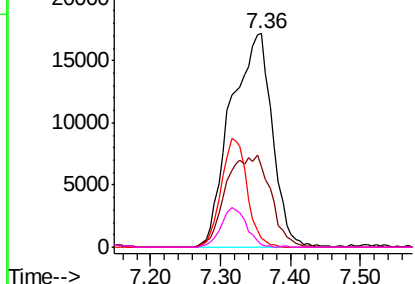
#41
Methacrylonitrile
Concen: 53.704 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	70822
Ion	Ratio	Lower	Upper
41	100		
39	46.1	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

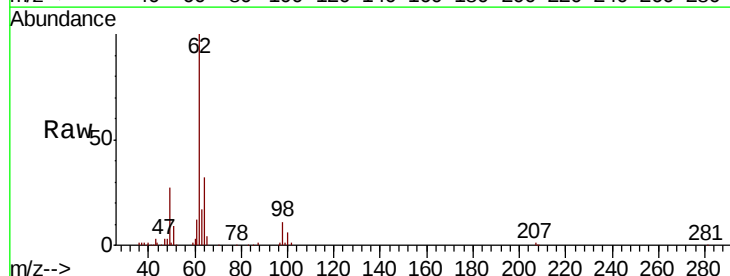


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

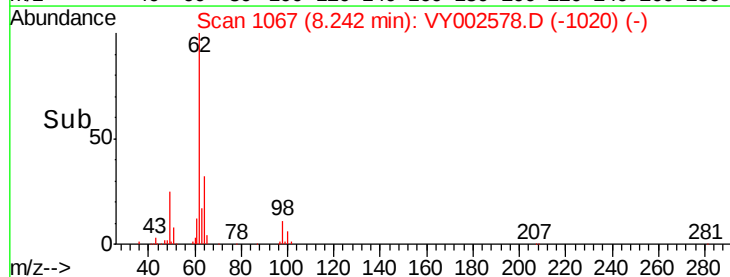
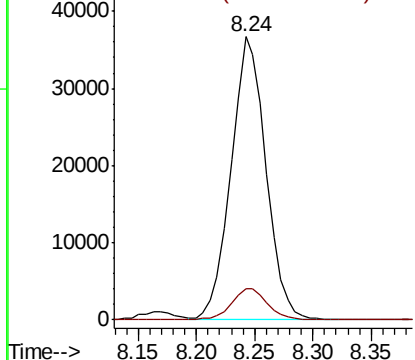


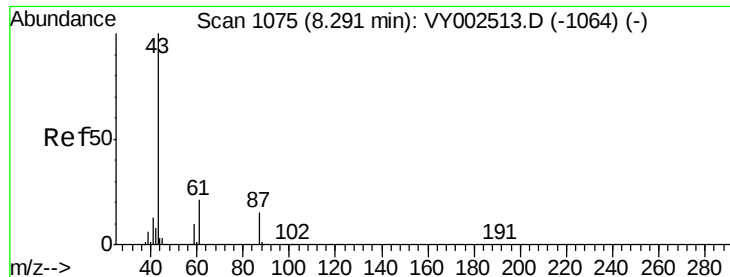
#42
1,2-Dichloroethane
Concen: 19.797 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion:	62	Resp:	76551
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



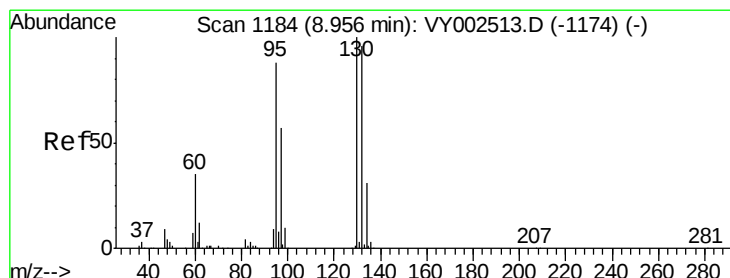
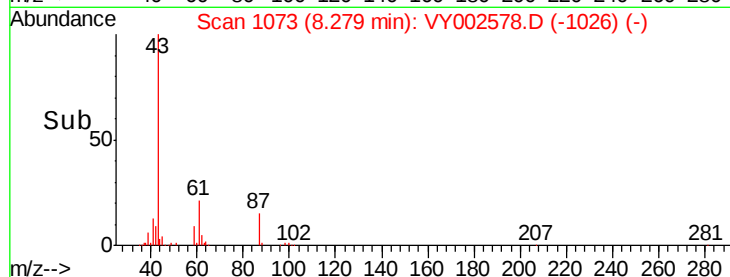
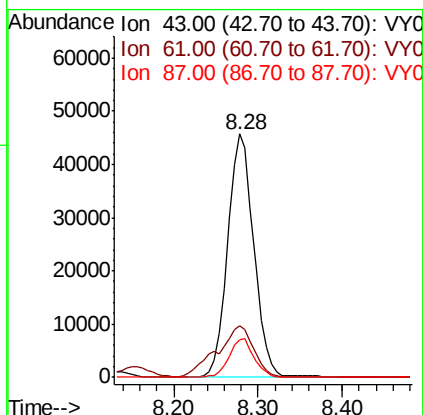
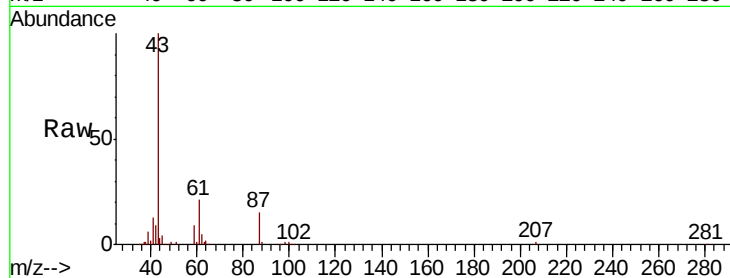


#43

Isopropyl Acetate
 Concen: 20.949 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :

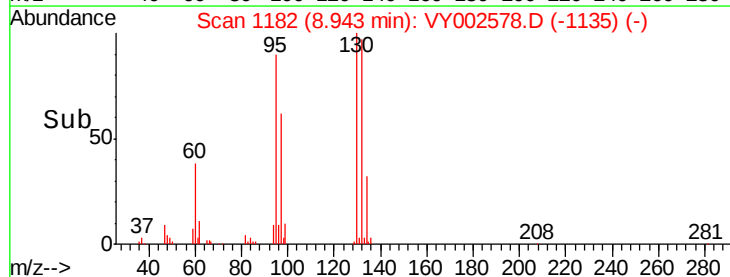
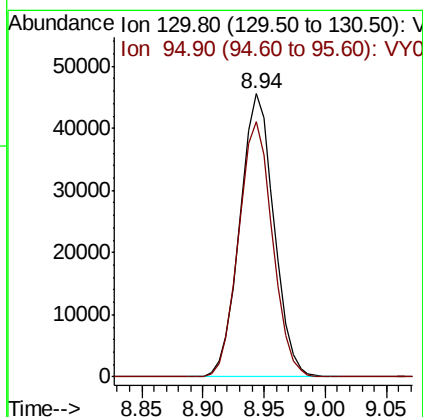
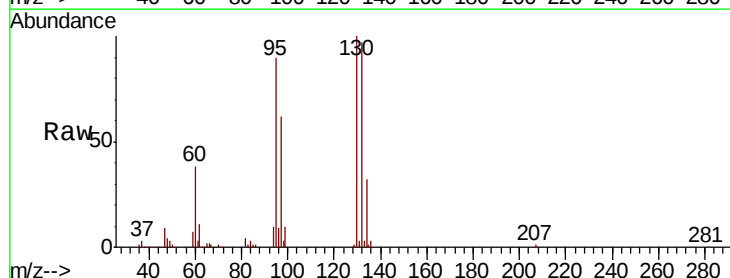
Tot Ion	43	Resp	96325
Ion Ratio	Lower	Upper	
43	100		
61	30.0	24.8	37.2
87	15.3	12.2	18.2

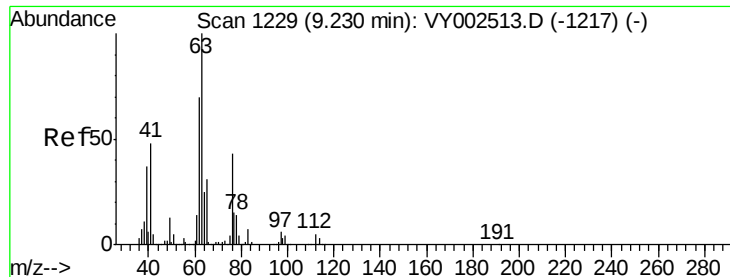


#44

Trichloroethene
 Concen: 20.469 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Tgt Ion	130	Resp	88185
Ion Ratio	Lower	Upper	
130	100		
95	90.2	0.0	175.8

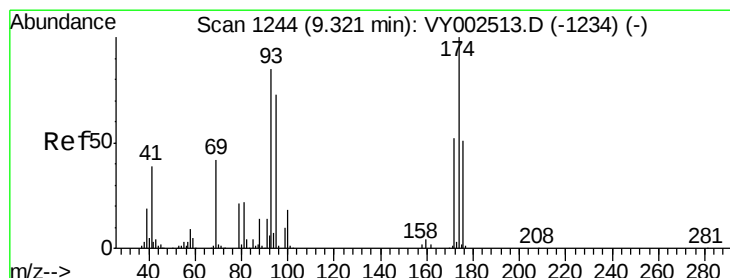
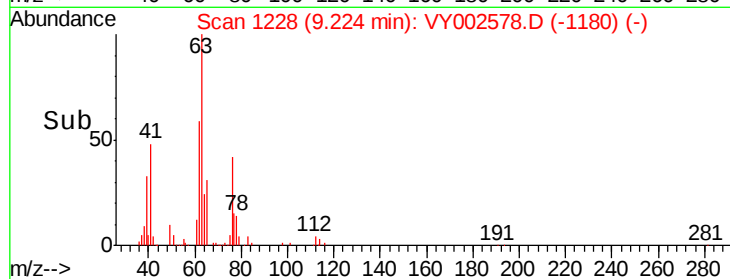
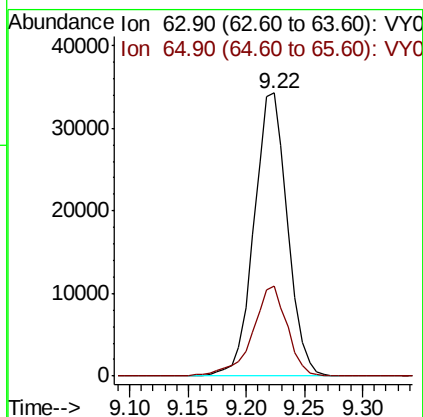
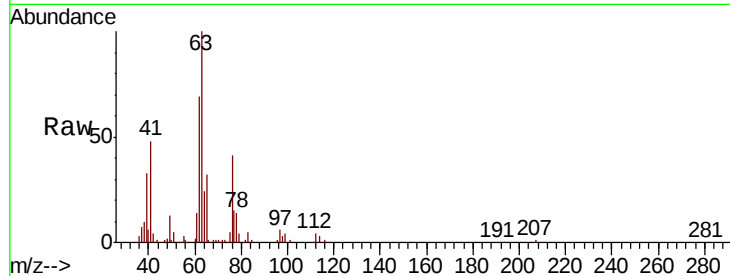




#45
 1,2-Dichloropropane
 Concen: 20.582 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

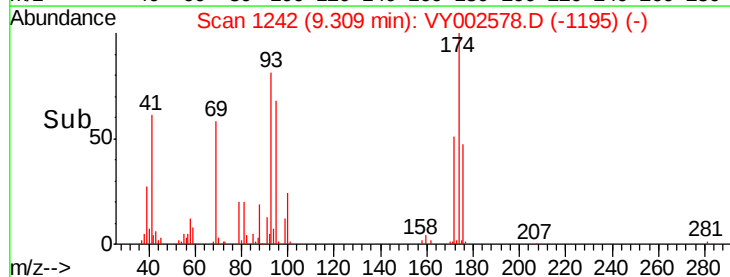
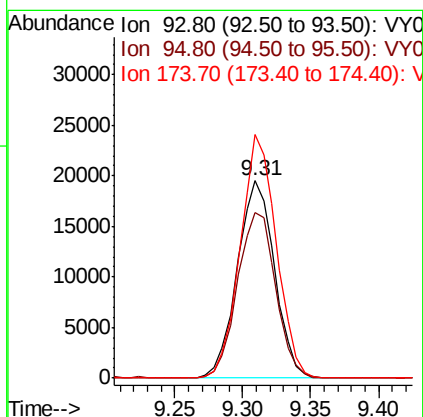
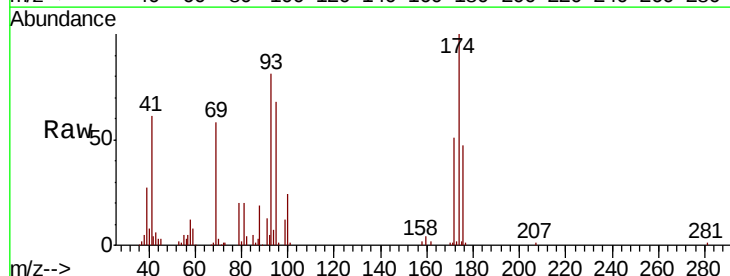
Instrument :
 MSVOA_Y
 ClientSampleId :

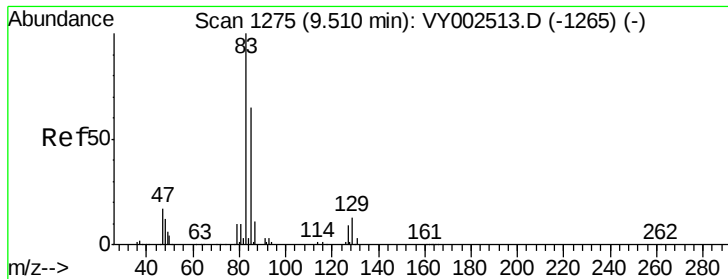
Tot Ion: 63 Resp: 68476
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.5 36.7



#46
 Dibromomethane
 Concen: 19.478 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Tgt Ion: 93 Resp: 37285
 Ion Ratio Lower Upper
 93 100
 95 86.3 67.0 100.4
 174 119.6 92.7 139.1





#47

Bromodichloromethane

Concen: 20.256 ug/l

RT: 9.50 min Scan# 1274

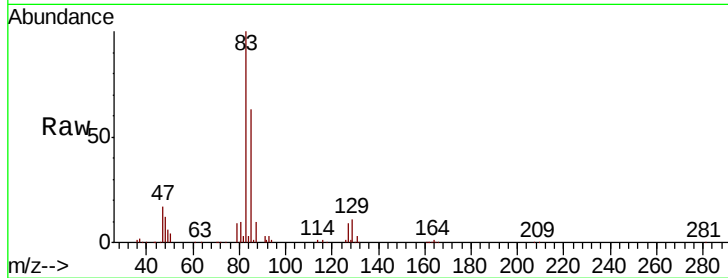
Delta R.T. -0.01 min

Lab File: VY002578.D

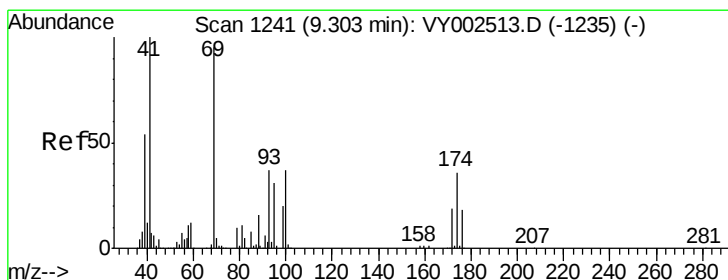
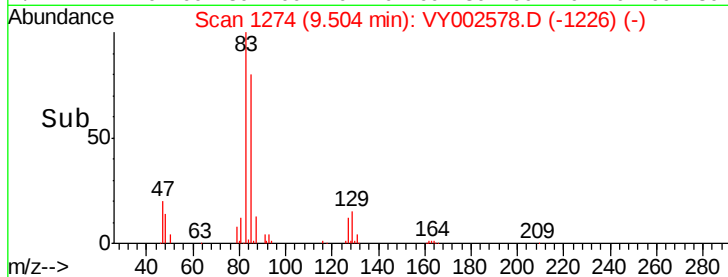
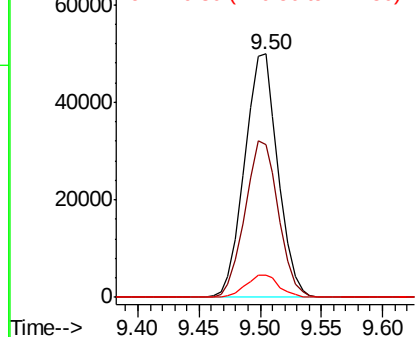
Acq: 05 May 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	83	Resp:	94284
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	9.0	7.4	11.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.048 ug/l

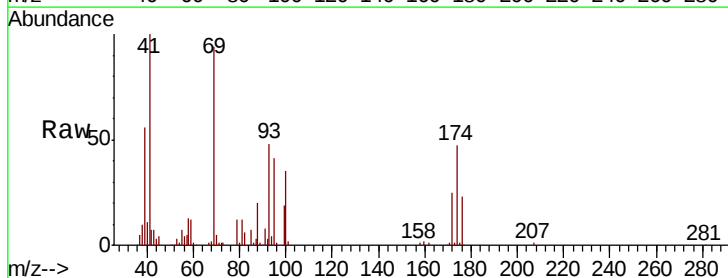
RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

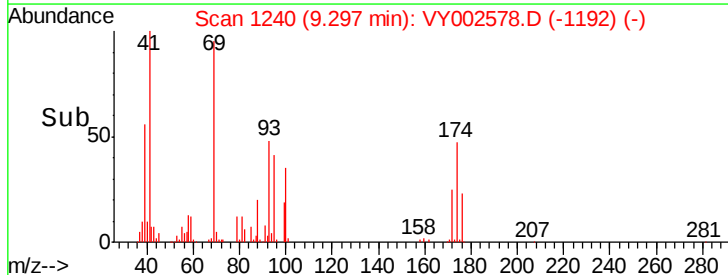
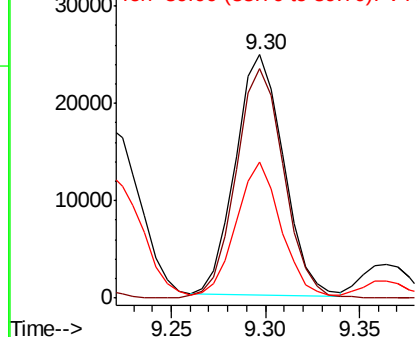
Lab File: VY002578.D

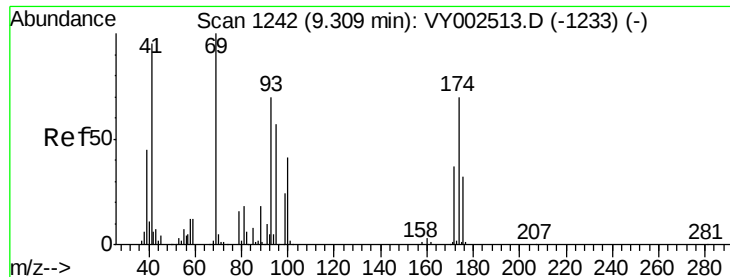
Acq: 05 May 2020 11:44

Tgt Ion:	41	Resp:	43800
Ion	Ratio	Lower	Upper
41	100		
69	94.9	76.2	114.4
39	53.2	42.7	64.1



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

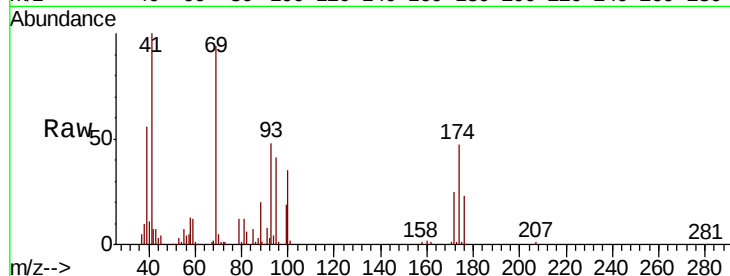




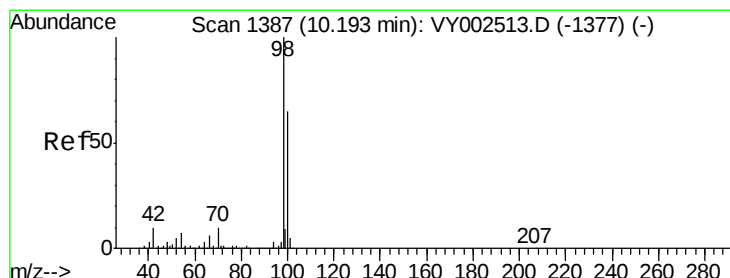
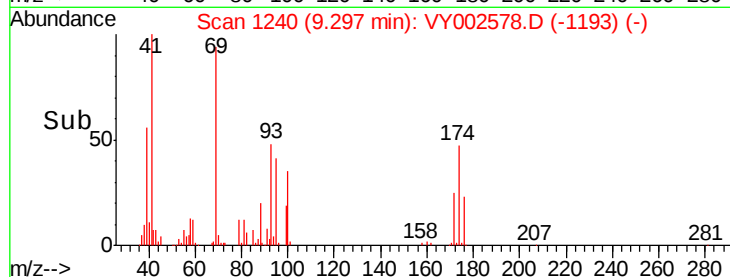
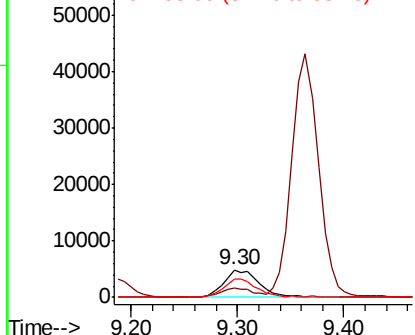
#49
1,4-Dioxane
Concen: 437.835 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 11097
Ion Ratio Lower Upper
88 100
43 32.4 22.8 34.2
58 65.7 51.4 77.2

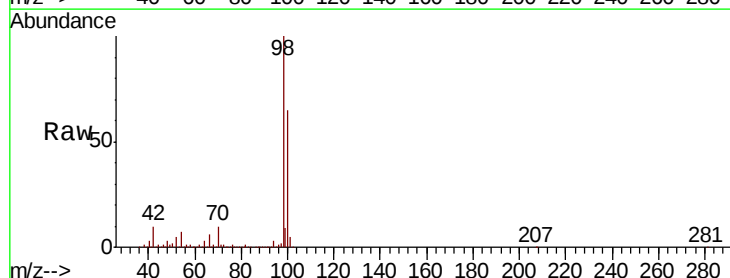


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

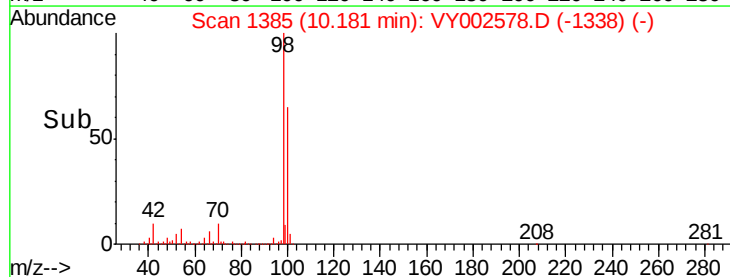
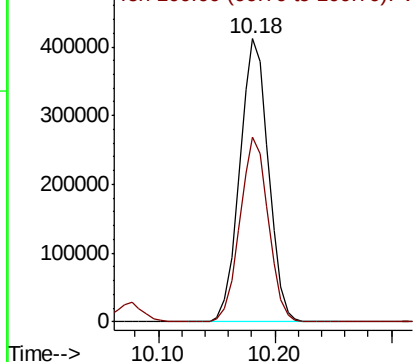


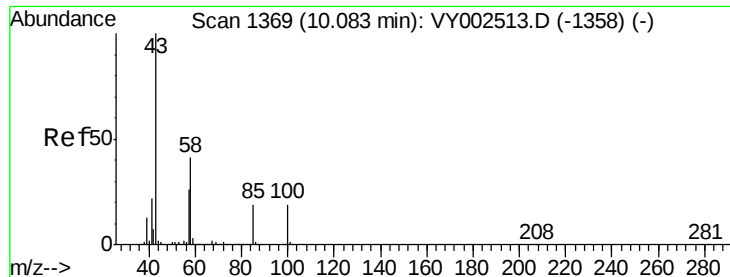
#50
Toluene-d8
Concen: 55.469 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion: 98 Resp: 705336
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 106.982 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

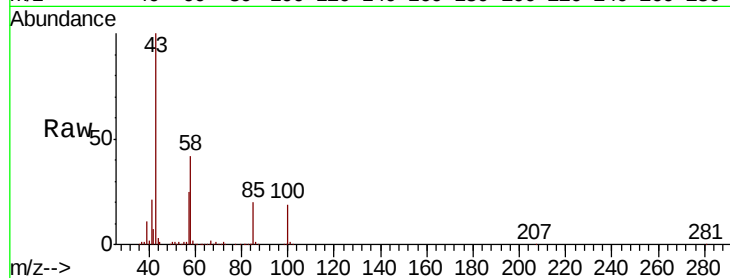
ClientSampleId :

Tot Ion: 43 Resp: 253553

Ion Ratio Lower Upper

43 100

58 41.6 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1358) (-)

10.08

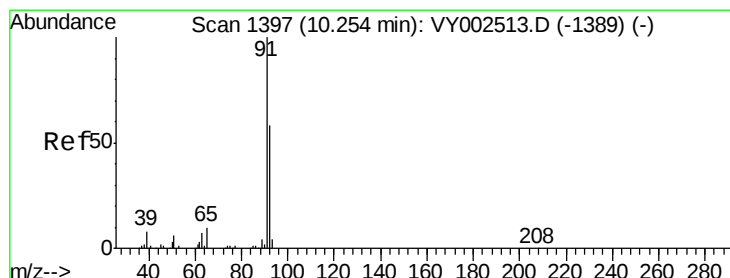
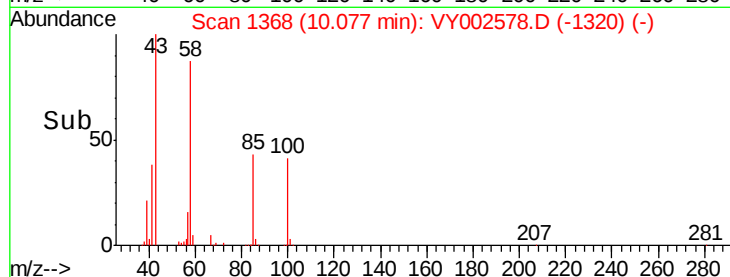
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.159 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002578.D

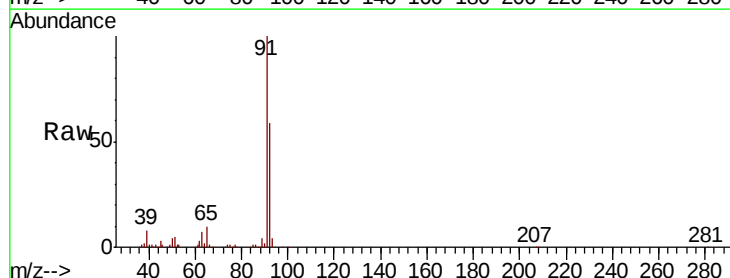
Acq: 05 May 2020 11:44

Tgt Ion: 92 Resp: 178596

Ion Ratio Lower Upper

92 100

91 171.6 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002513.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY002513.D (-1389) (-)

10.25

200000

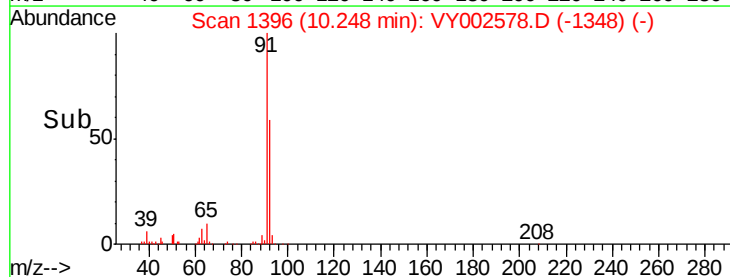
150000

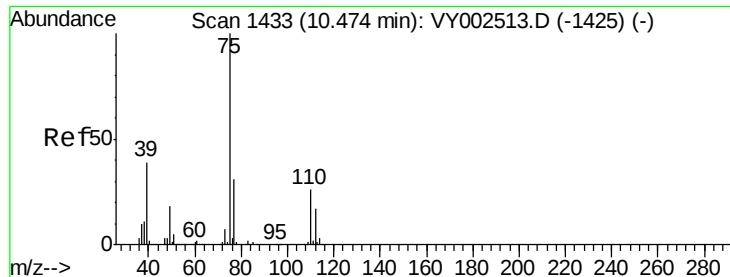
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.117 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

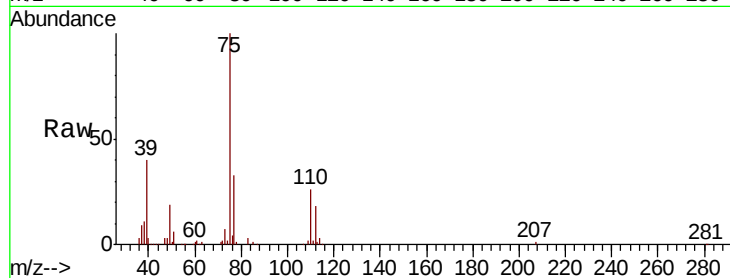
ClientSampleId :

Tot Ion: 75 Resp: 98106

Ion Ratio Lower Upper

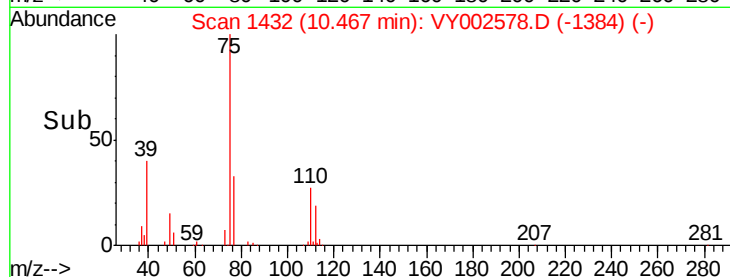
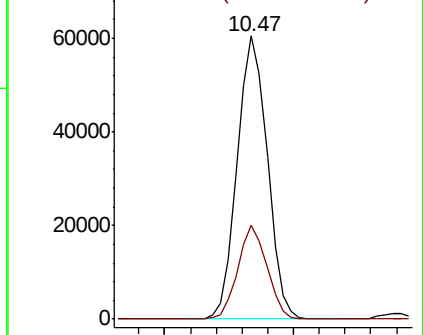
75 100

77 33.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.025 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

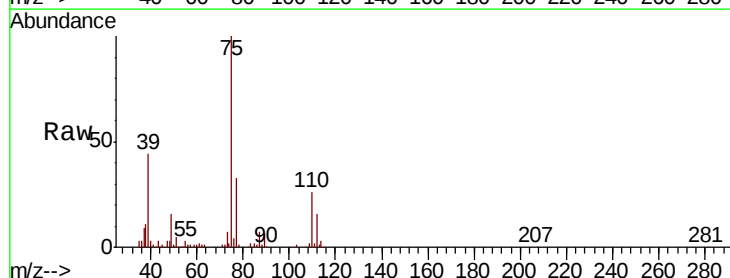
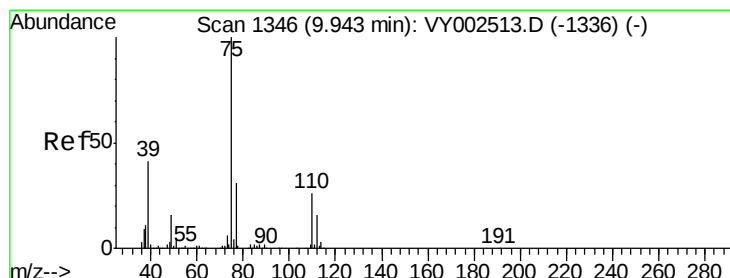
Tgt Ion: 75 Resp: 112895

Ion Ratio Lower Upper

75 100

77 33.5 25.1 37.7

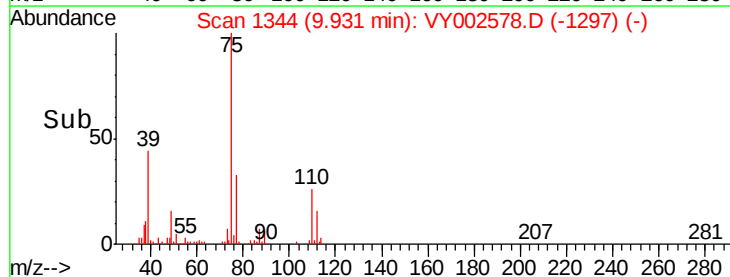
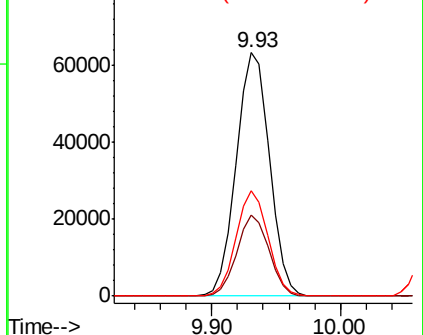
39 43.5 32.7 49.1

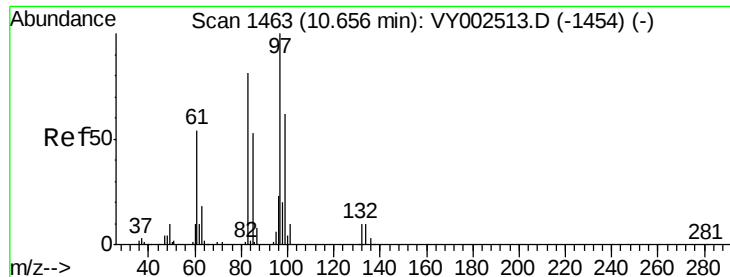


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 20.807 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 97 Resp: 58084

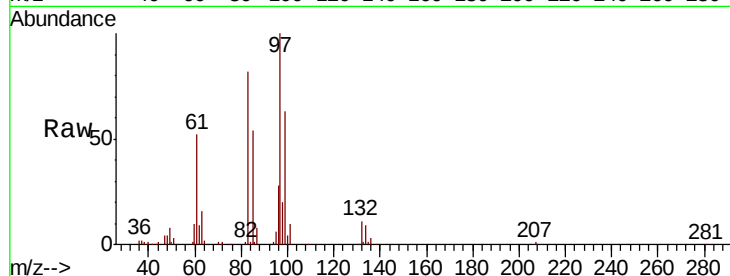
Ion Ratio Lower Upper

97 100

83 81.6 65.1 97.7

85 53.9 42.7 64.1

99 62.6 50.0 75.0

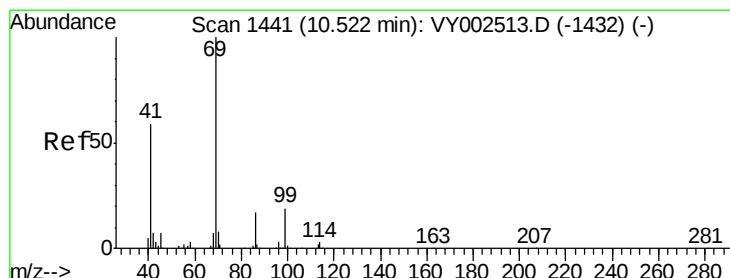
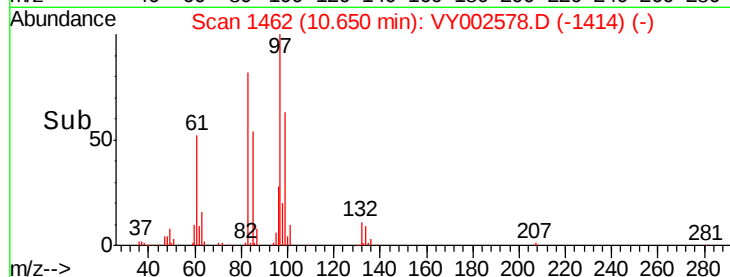
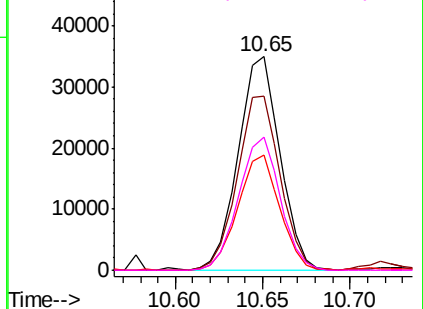


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 20.905 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

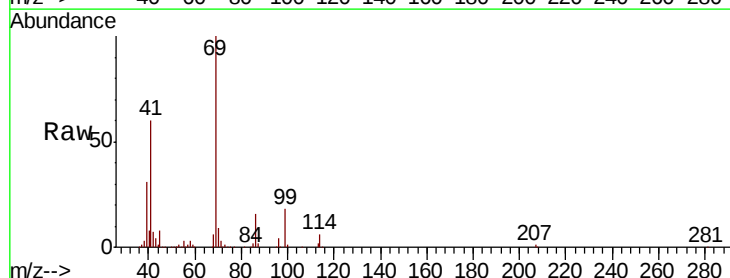
Tgt Ion: 69 Resp: 77630

Ion Ratio Lower Upper

69 100

41 60.0 48.6 73.0

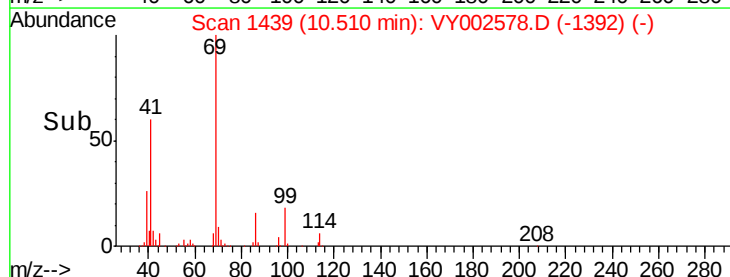
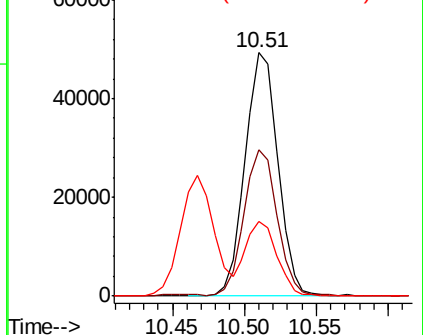
39 29.1 25.0 37.4

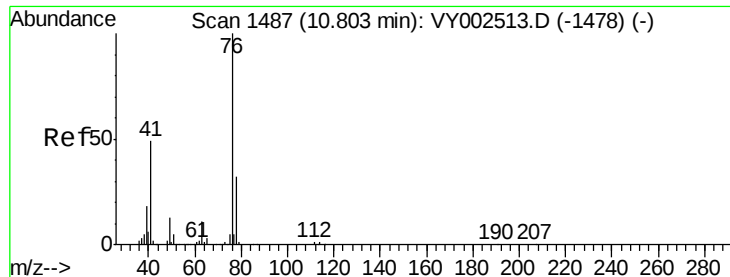


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.399 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

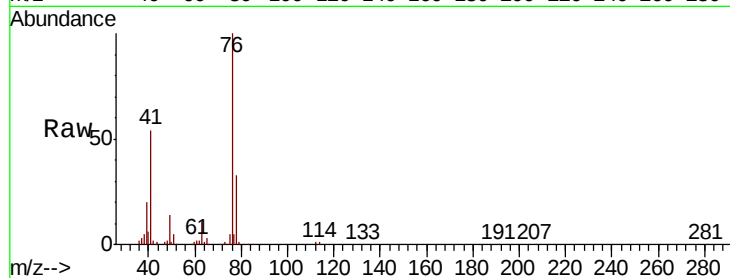
ClientSampleId :

Tot Ion: 76 Resp: 96568

Ion Ratio Lower Upper

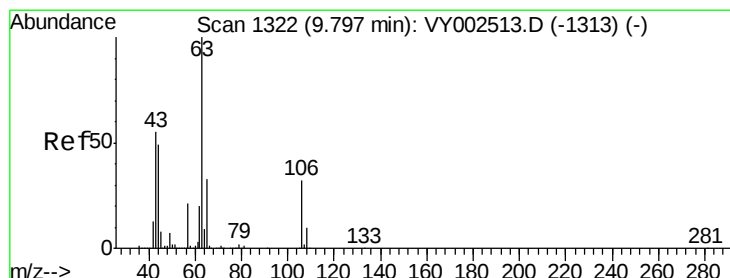
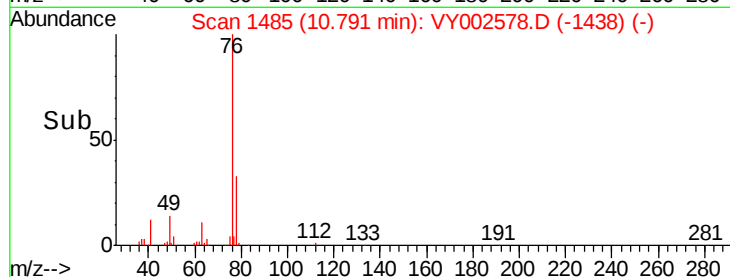
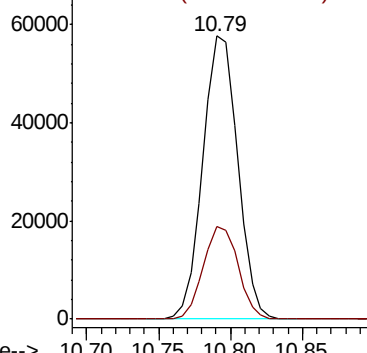
76 100

78 32.8 25.4 38.2



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: 107.567 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002578.D

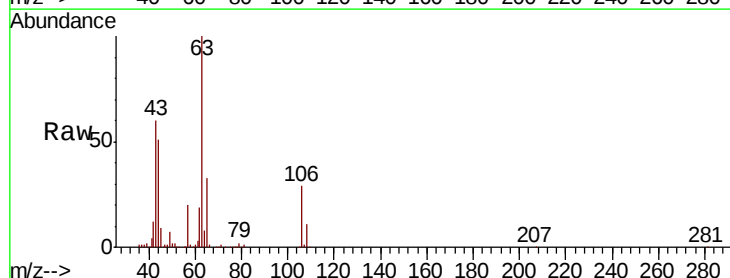
Acq: 05 May 2020 11:44

Tgt Ion: 63 Resp: 210655

Ion Ratio Lower Upper

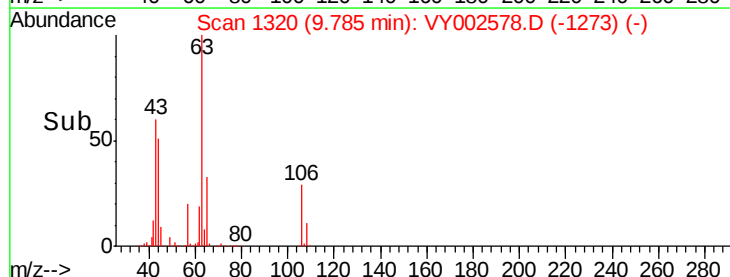
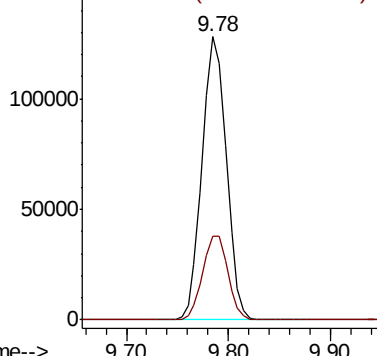
63 100

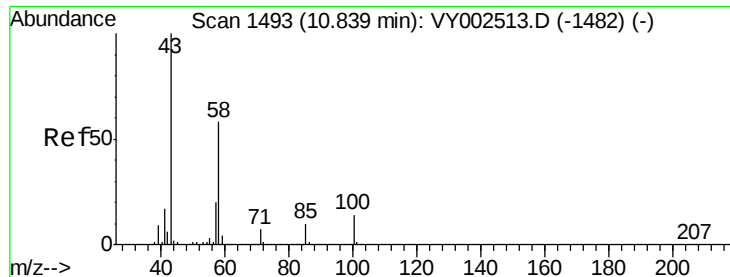
106 30.7 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 107.962 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

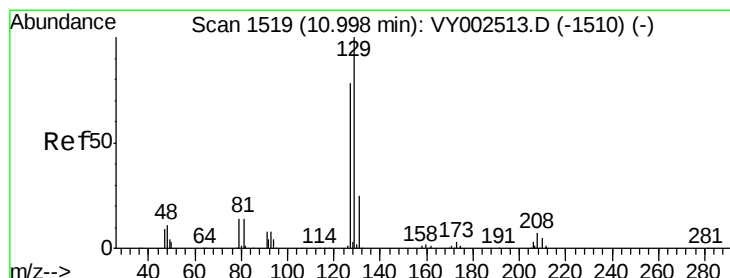
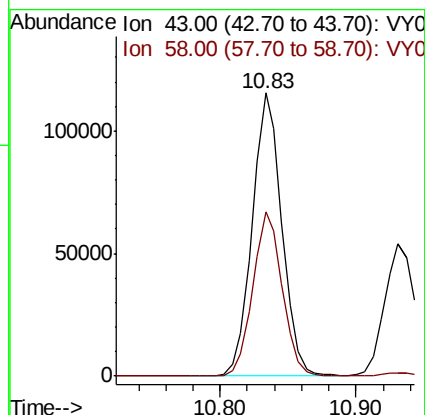
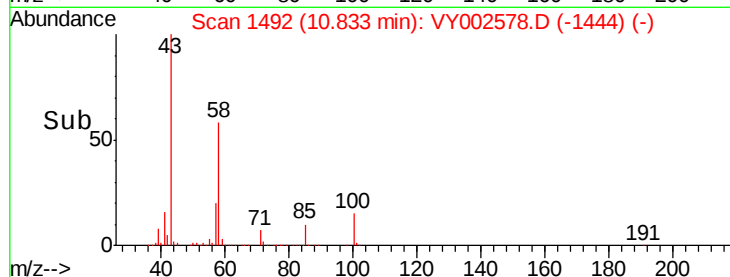
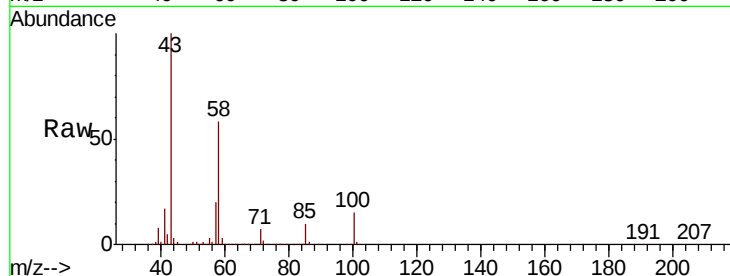
ClientSampleId :

Tot Ion: 43 Resp: 176111

Ion Ratio Lower Upper

43 100

58 57.8 29.1 87.3



#60

Dibromochloromethane

Concen: 20.315 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VY002578.D

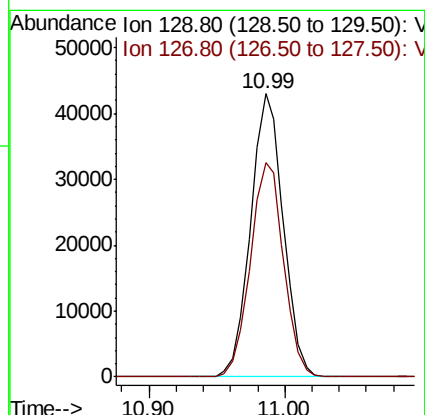
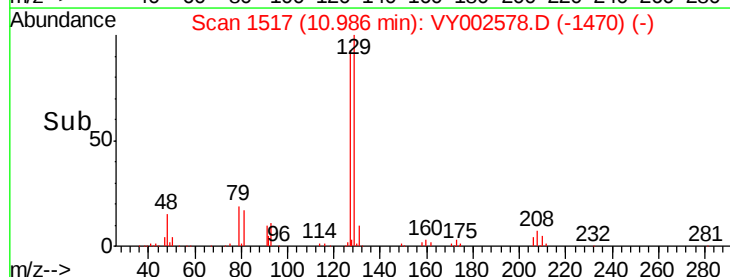
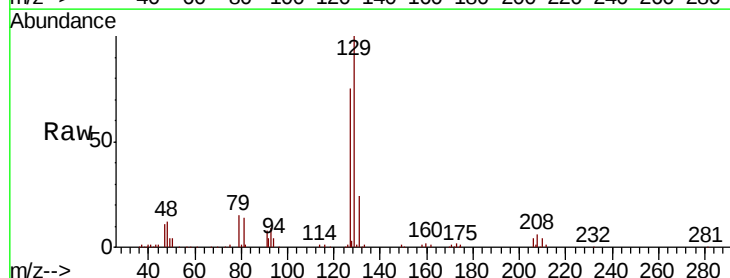
Acq: 05 May 2020 11:44

Tgt Ion: 129 Resp: 72128

Ion Ratio Lower Upper

129 100

127 76.9 39.0 117.0

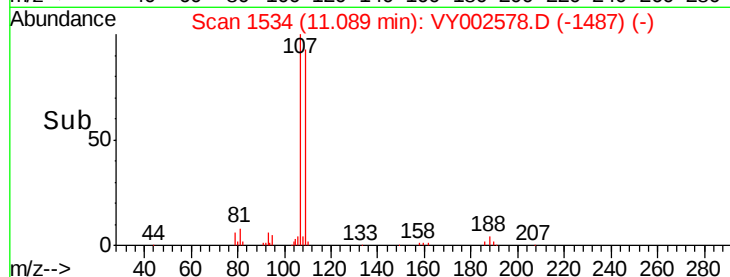
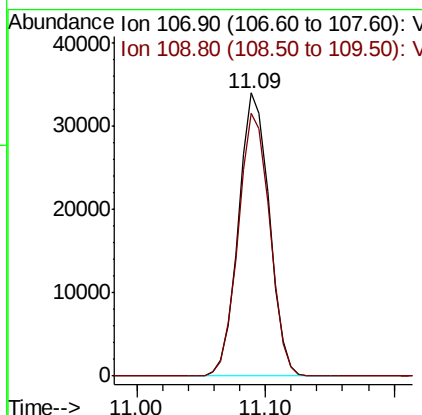
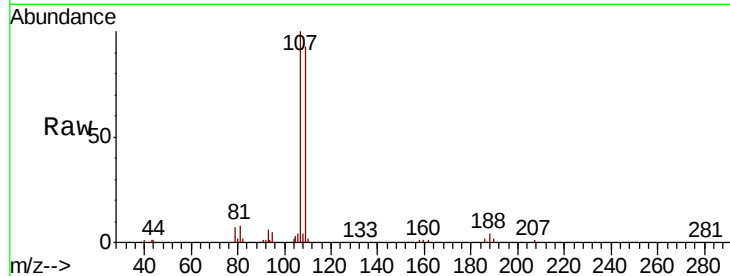




#61
 1,2-Dibromoethane
 Concen: 20.338 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

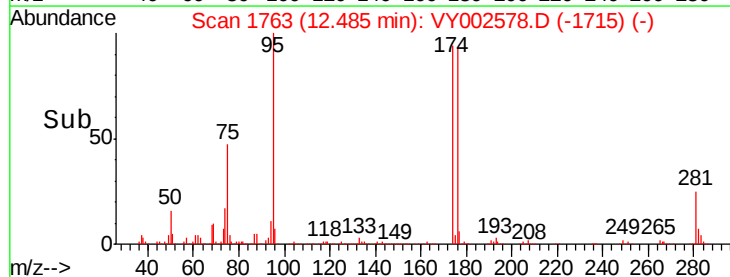
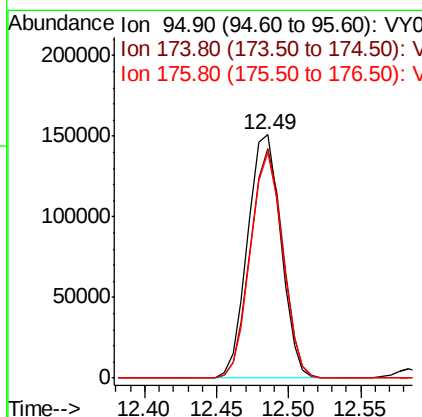
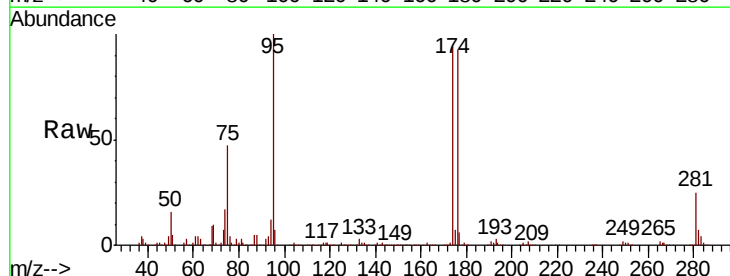
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 107 Resp: 56216
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 55.990 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Tgt Ion: 95 Resp: 241584
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 188.8
 176 89.6 0.0 183.2

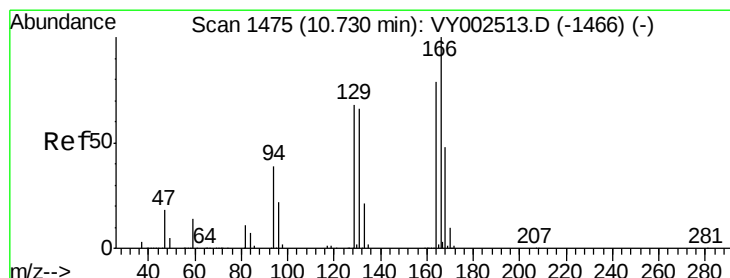
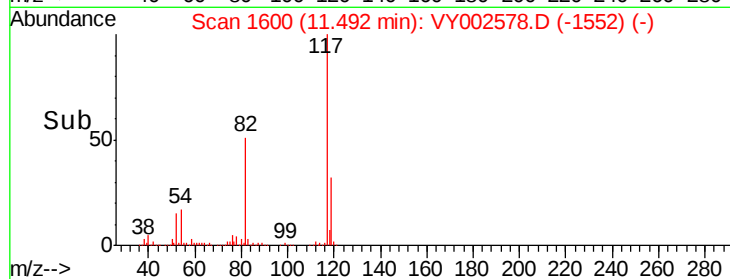
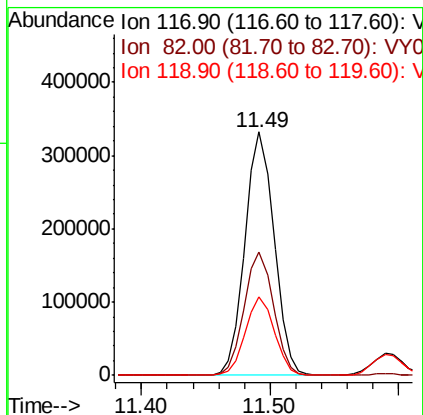
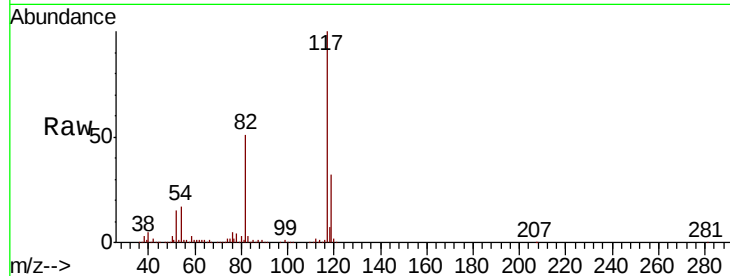




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

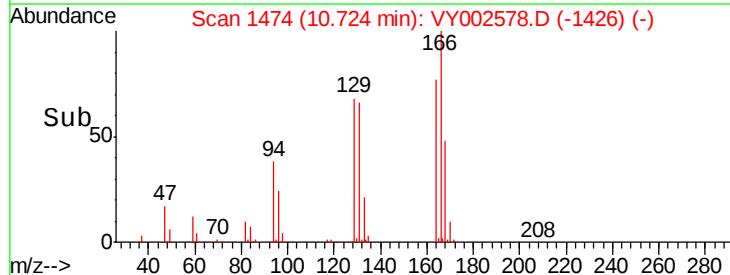
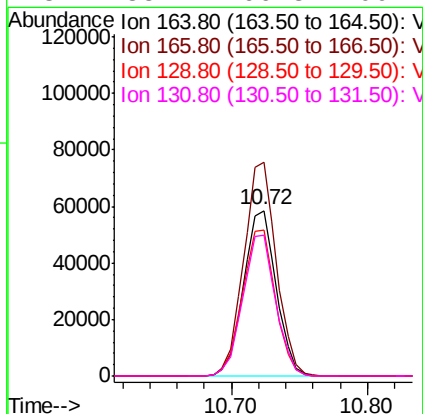
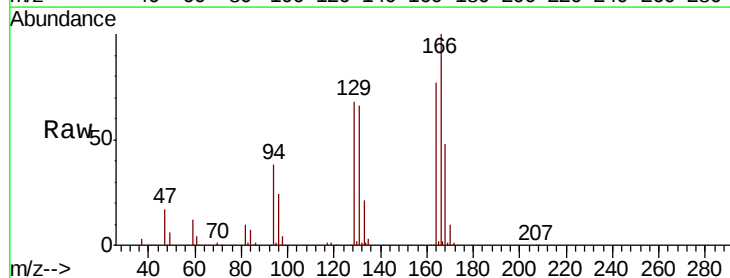
Instrument :
MSVOA_Y
ClientSampled :

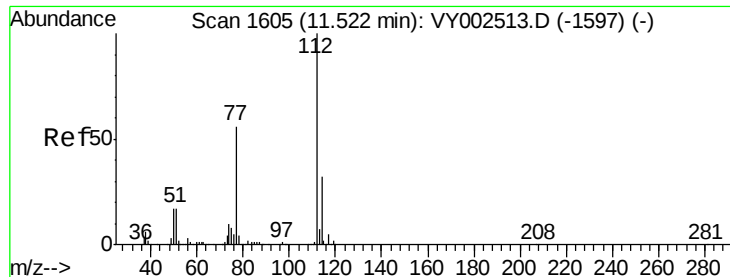
Tot Ion:117 Resp: 519656
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 21.277 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion:164 Resp: 98240
Ion Ratio Lower Upper
164 100
166 129.1 100.7 151.1
129 88.0 68.3 102.5
131 85.1 66.8 100.2

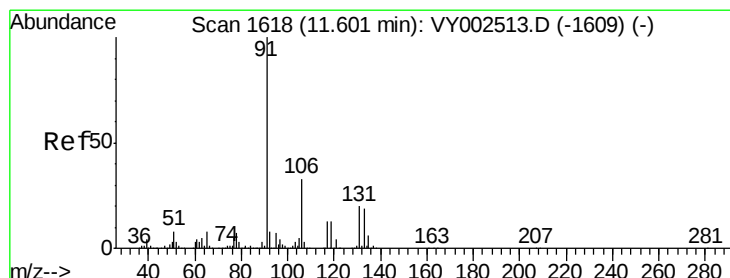
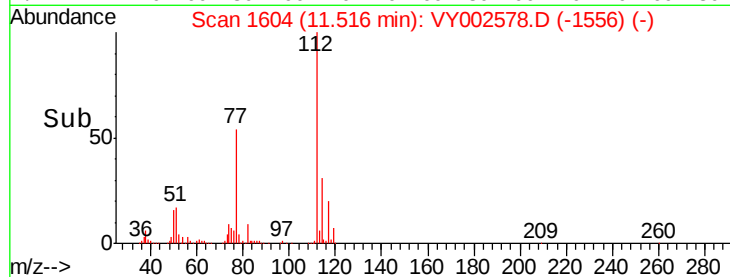
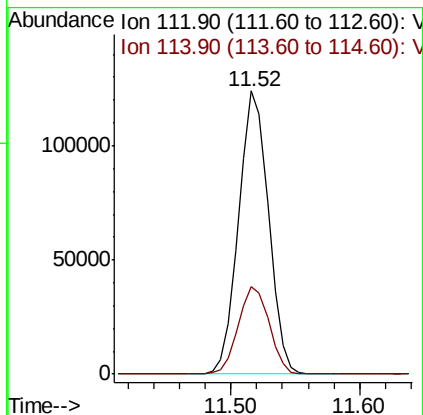
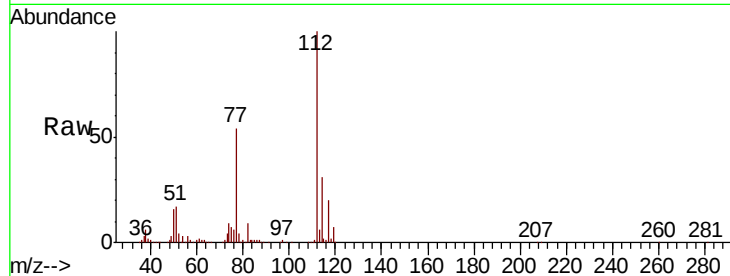




#65
Chlorobenzene
Concen: 20.147 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

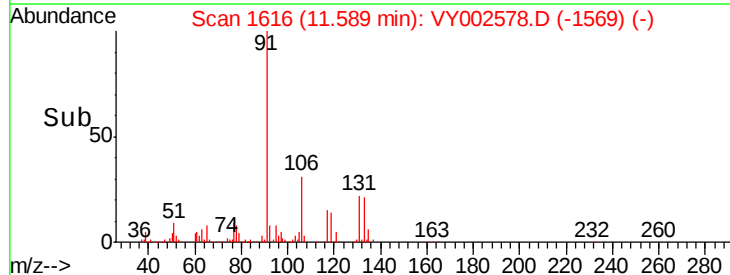
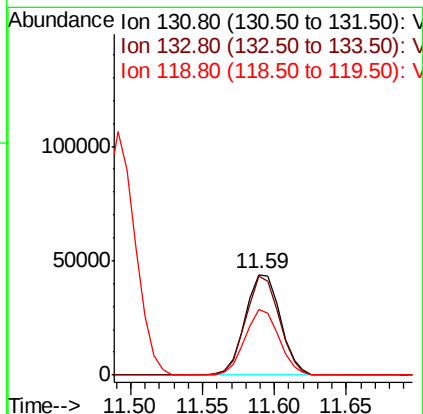
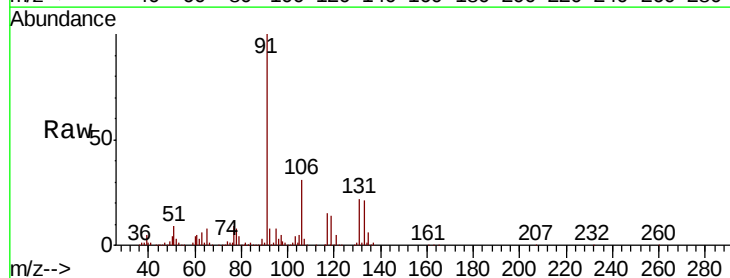
Instrument :
MSVOA_Y
ClientSampled :

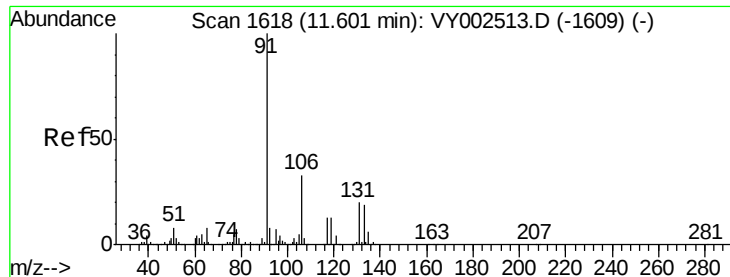
Tot Ion:112 Resp: 199027
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.245 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion:131 Resp: 74240
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.4
119 63.3 31.6 95.0





#67

Ethyl Benzene

Concen: 20.093 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

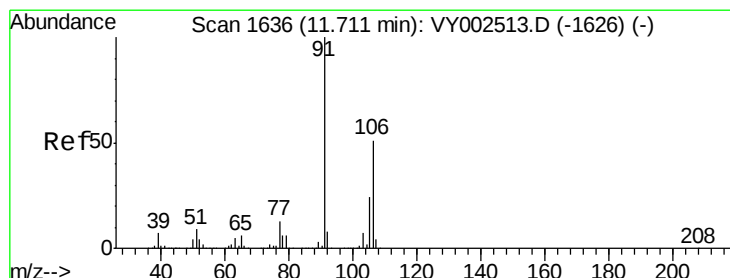
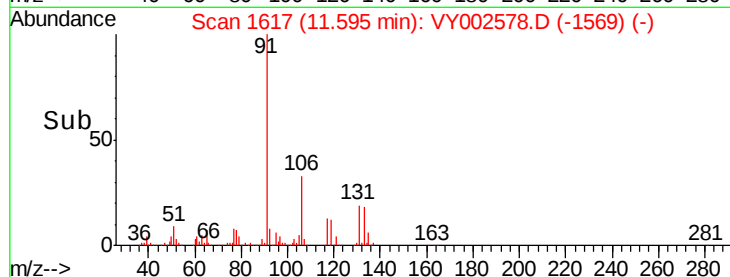
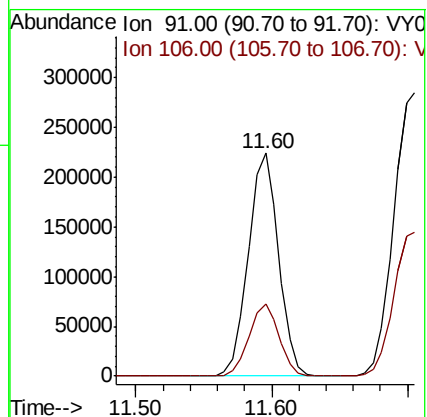
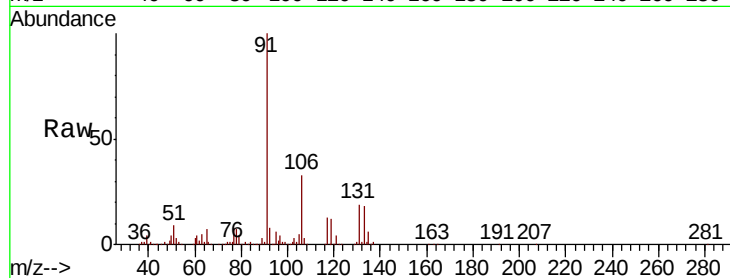
ClientSampleId :

Tot Ion: 91 Resp: 348659

Ion Ratio Lower Upper

91 100

106 32.6 26.1 39.1



#68

m/p-Xylenes

Concen: 40.099 ug/l

RT: 11.71 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002578.D

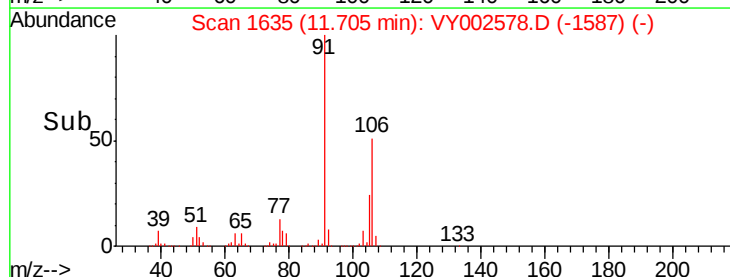
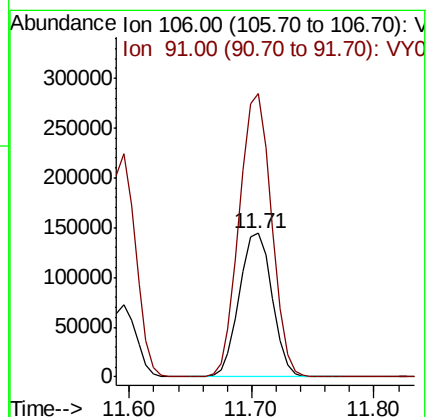
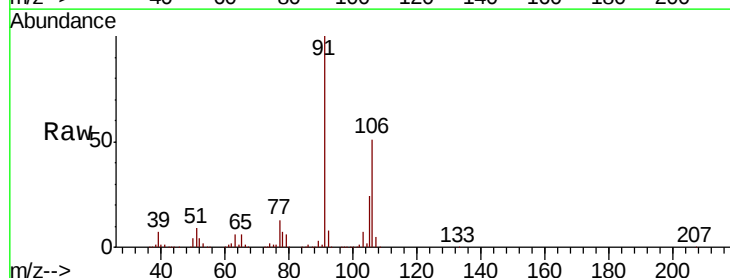
Acq: 05 May 2020 11:44

Tgt Ion: 106 Resp: 269228

Ion Ratio Lower Upper

106 100

91 193.9 155.2 232.8

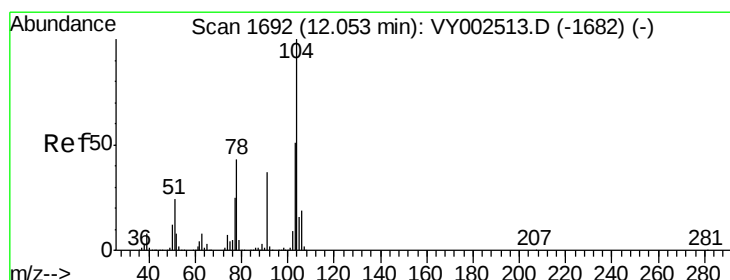
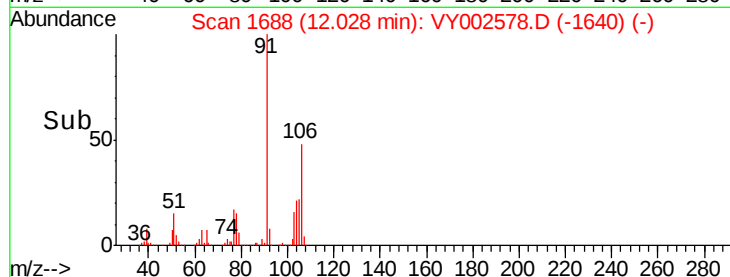
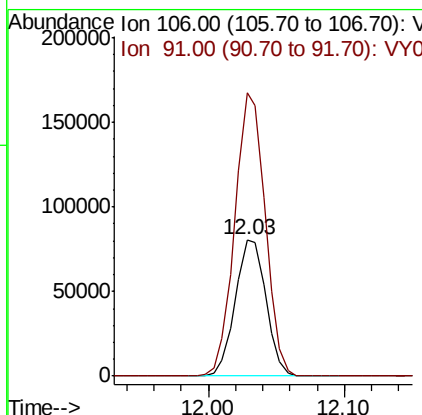
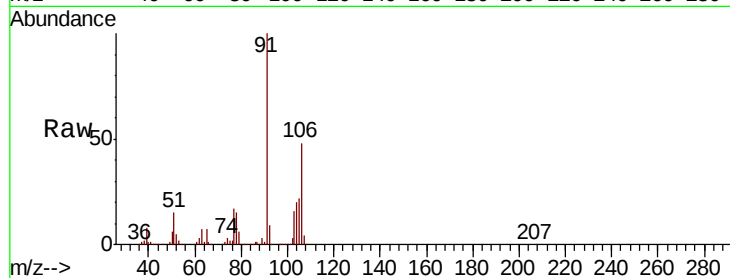




#69
o-Xylene
Concen: 20.214 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

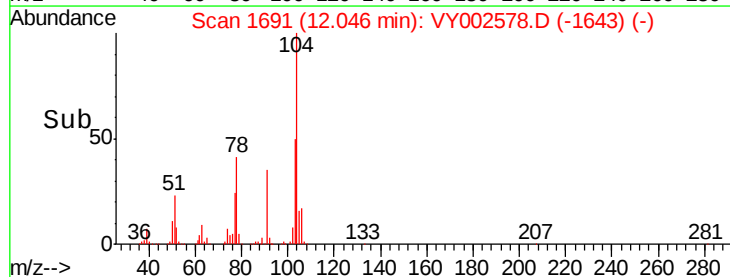
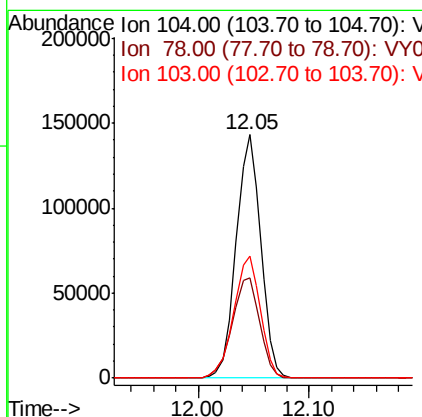
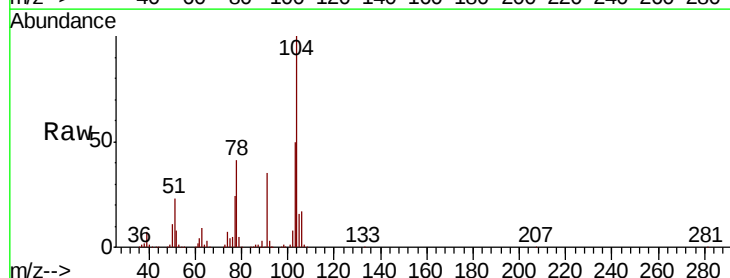
Instrument :
MSVOA_Y
ClientSampleId :

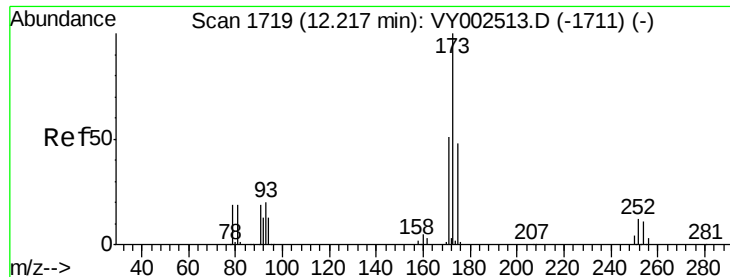
Tot Ion:106 Resp: 127078
Ion Ratio Lower Upper
106 100
91 205.3 103.8 311.3



#70
Styrene
Concen: 20.386 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion:104 Resp: 219086
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.0
103 54.3 43.9 65.9





#71

Bromoform

Concen: 20.424 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

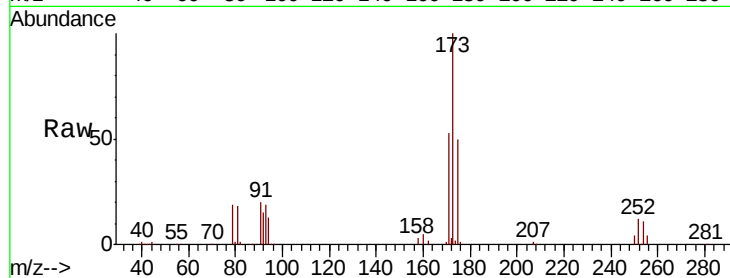
Tot Ion:173 Resp: 46484

Ion Ratio Lower Upper

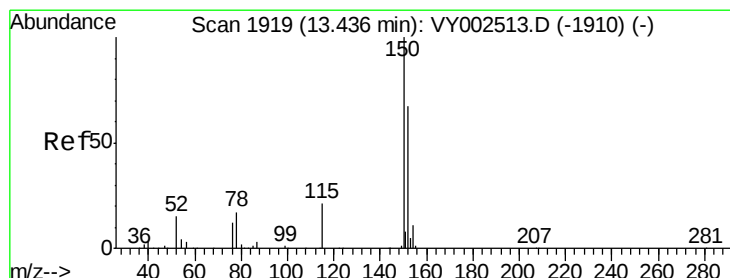
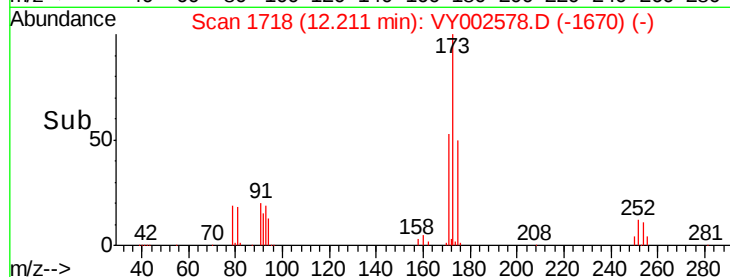
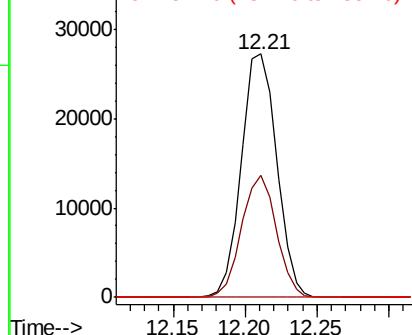
173 100

175 49.3 24.3 72.8

254 0.0 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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

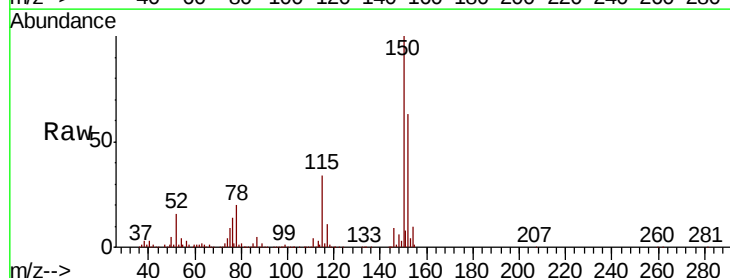
Tgt Ion:152 Resp: 270031

Ion Ratio Lower Upper

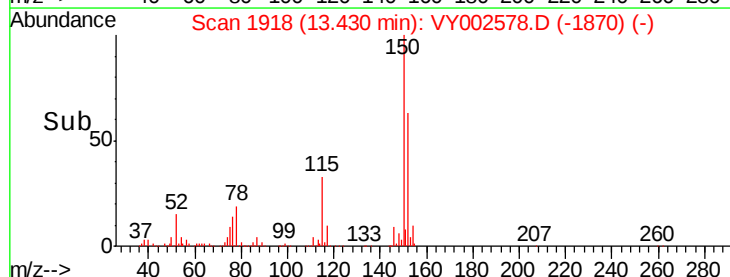
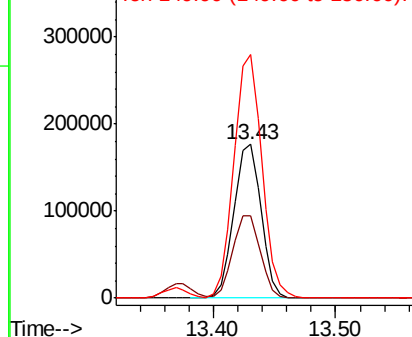
152 100

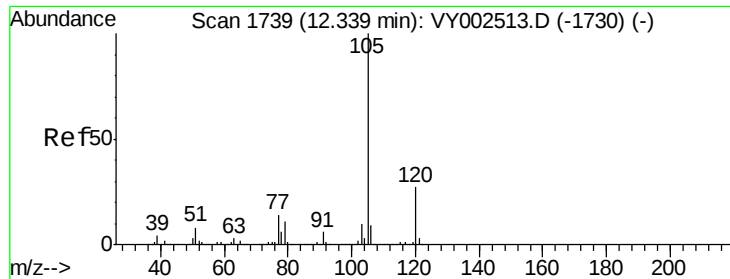
115 54.5 27.5 82.4

150 163.1 0.0 346.4



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: 20.050 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

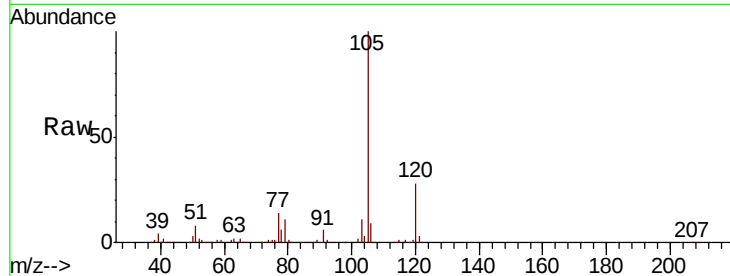
ClientSampled :

Tot Ion:105 Resp: 350886

Ion Ratio Lower Upper

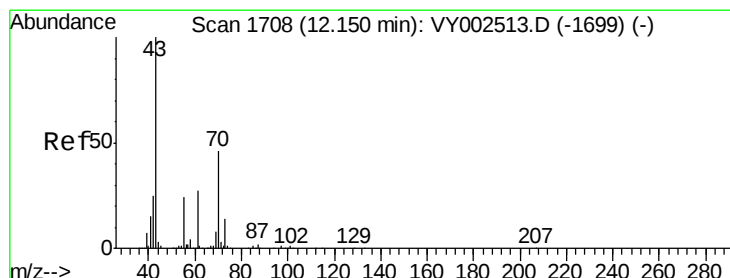
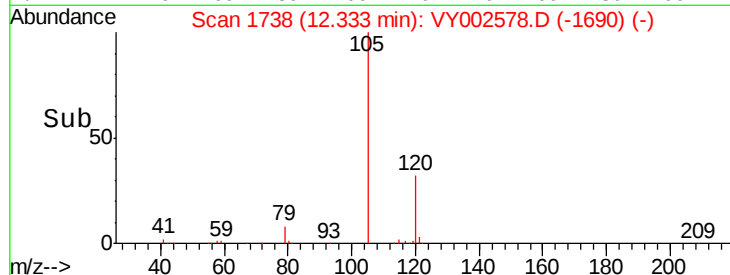
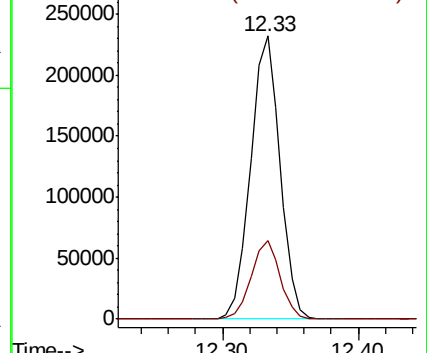
105 100

120 27.1 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.027 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Tgt Ion: 43 Resp: 88521

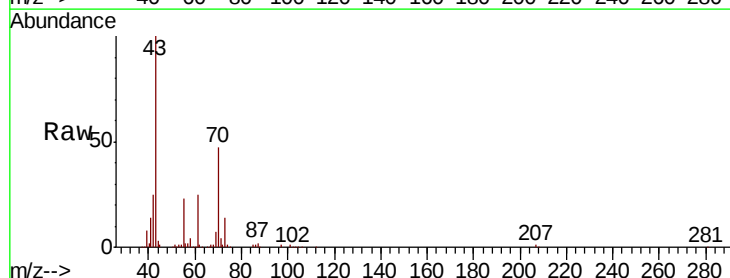
Ion Ratio Lower Upper

43 100

70 47.0 36.7 55.1

55 24.7 19.2 28.8

61 26.4 21.1 31.7

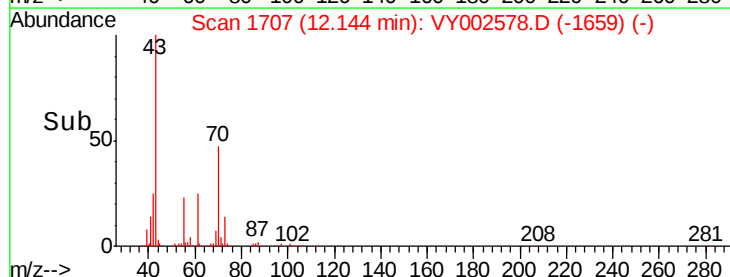
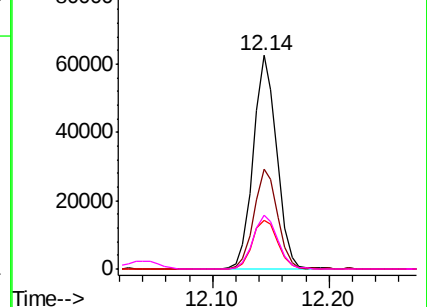


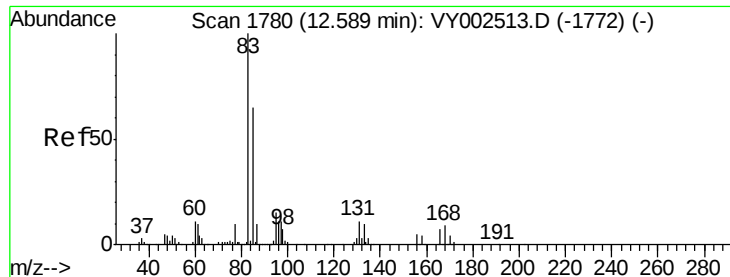
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 19.111 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

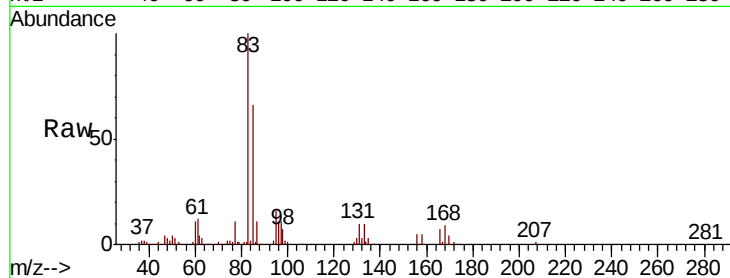
Tot Ion: 83 Resp: 53190

Ion Ratio Lower Upper

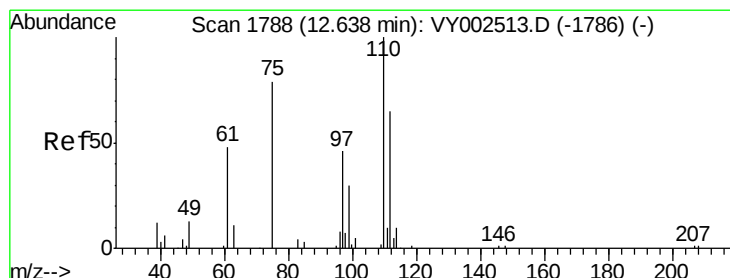
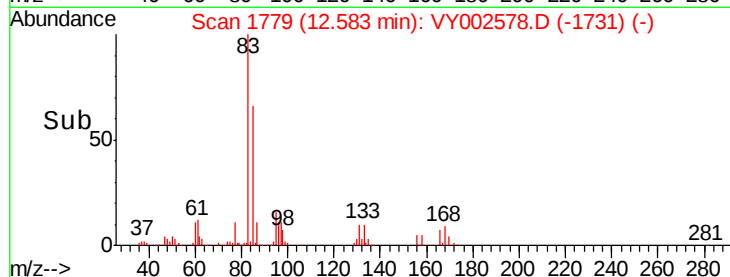
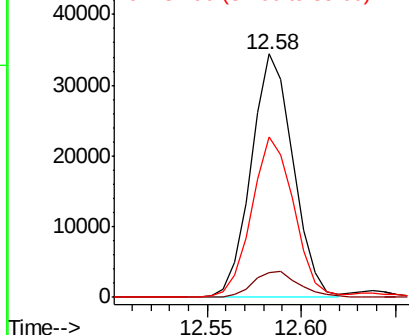
83 100

131 11.6 5.9 17.8

85 66.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 36.718 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002578.D

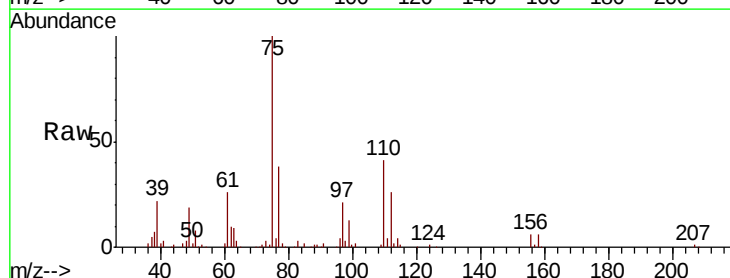
Acq: 05 May 2020 11:44

Tgt Ion: 75 Resp: 88112

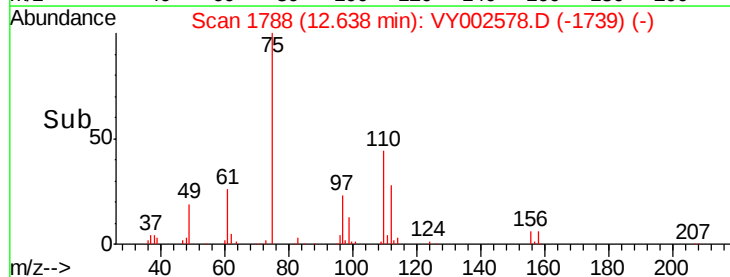
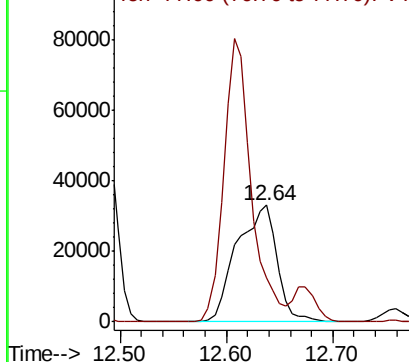
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0

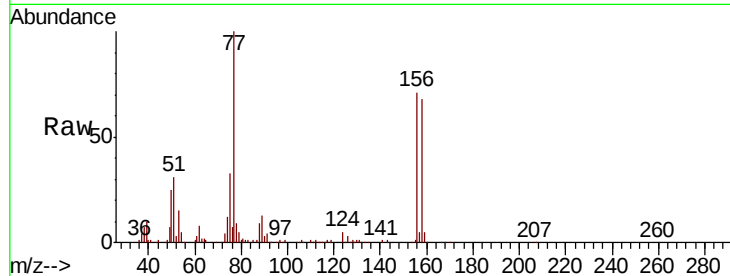




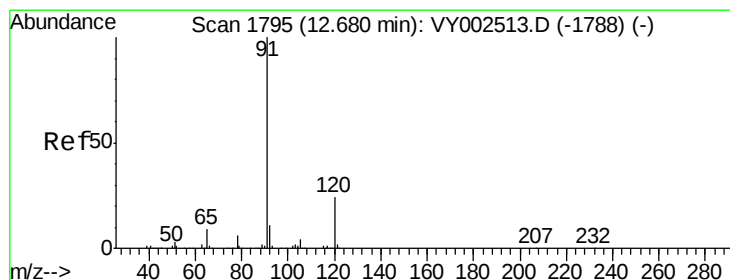
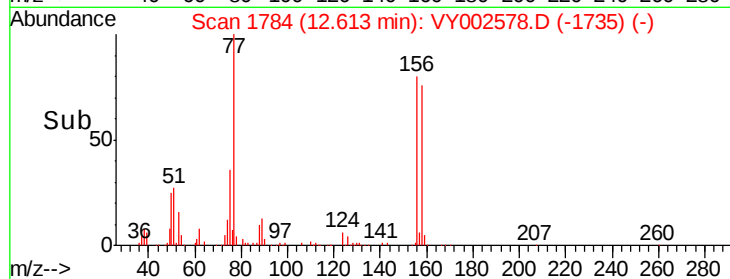
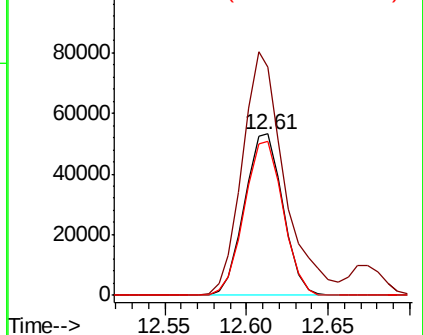
#77
Bromobenzene
Concen: 19.899 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:156 Resp: 87005
Ion Ratio Lower Upper
156 100
77 166.9 82.0 245.8
158 96.7 48.5 145.6

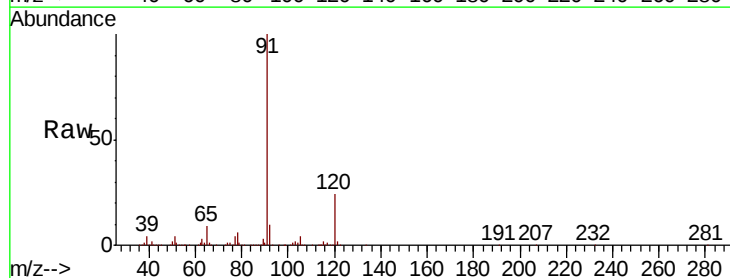


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

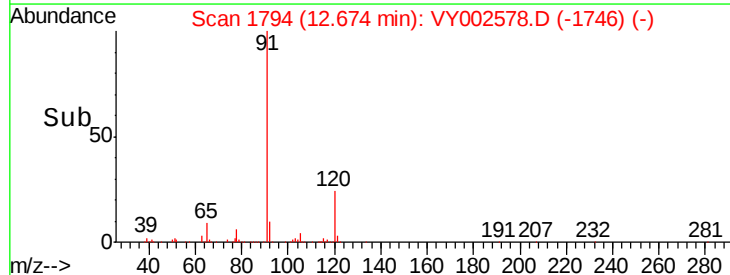
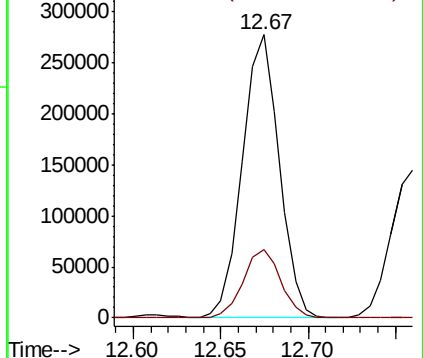


#78
n-propylbenzene
Concen: 20.038 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion: 91 Resp: 406949
Ion Ratio Lower Upper
91 100
120 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

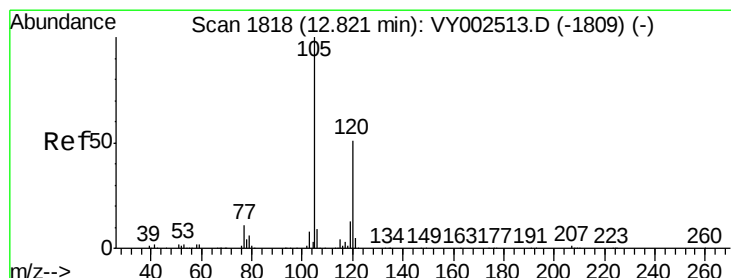
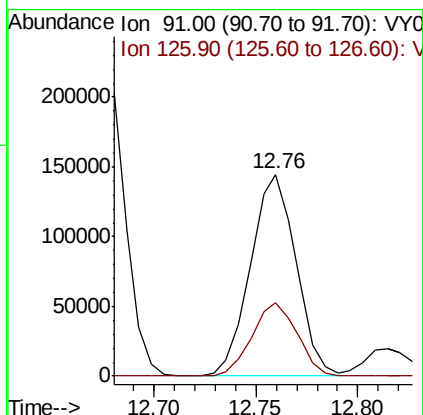
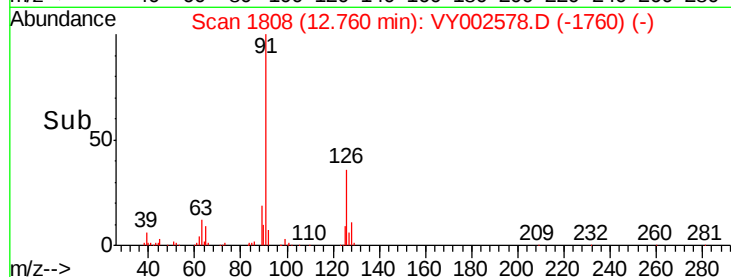
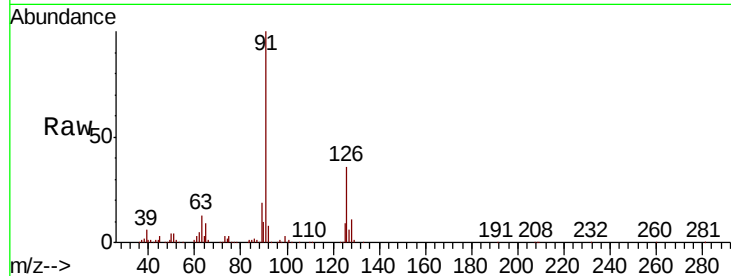




#79
 2-Chlorotoluene
 Concen: 20.057 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

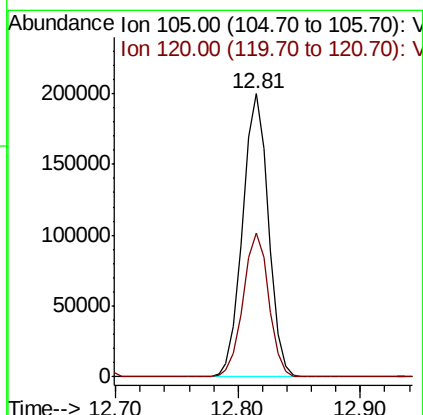
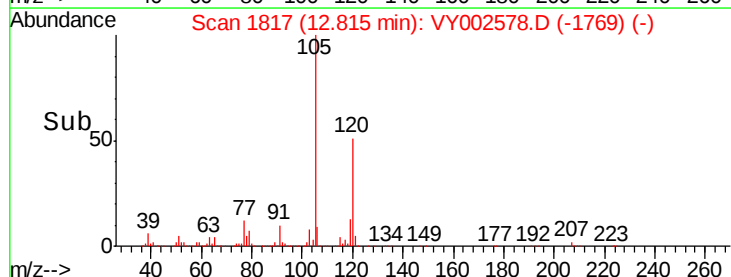
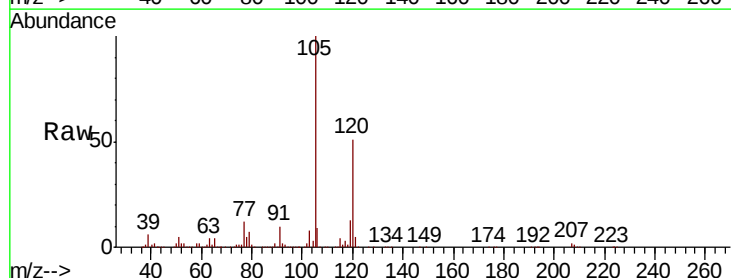
Instrument :
 MSVOA_Y
 ClientSampleId :

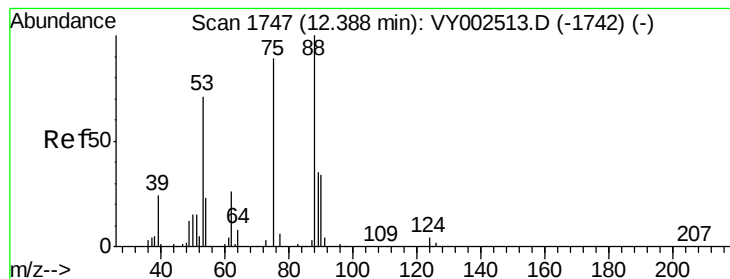
Tot Ion: 91 Resp: 225638
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.115 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Tgt Ion: 105 Resp: 291807
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.050 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

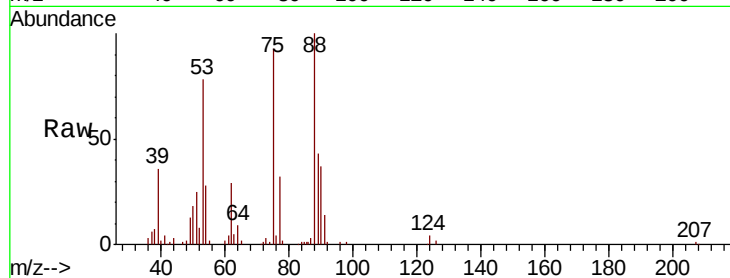
Tot Ion: 75 Resp: 23995

Ion Ratio Lower Upper

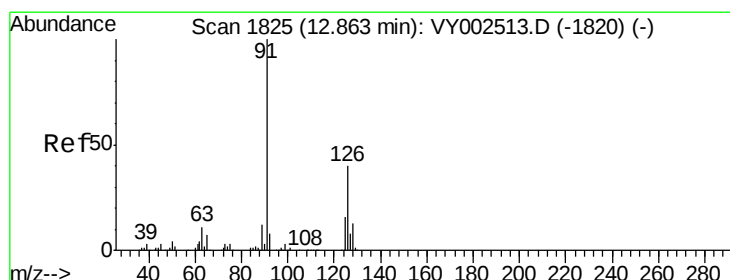
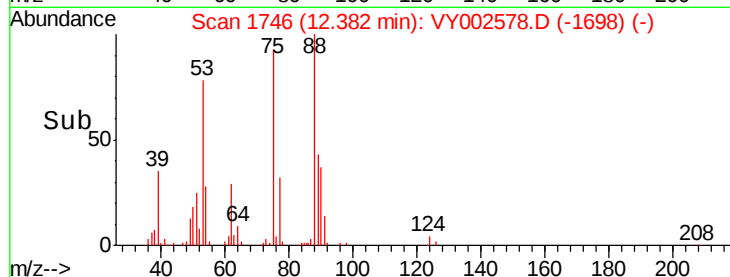
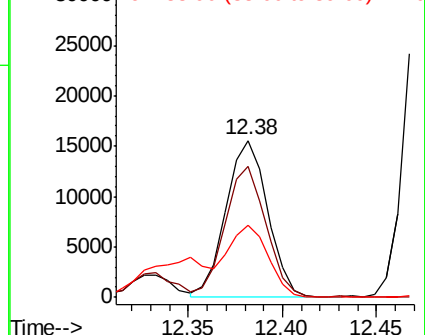
75 100

53 82.3 67.4 101.0

89 43.8 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.128 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002578.D

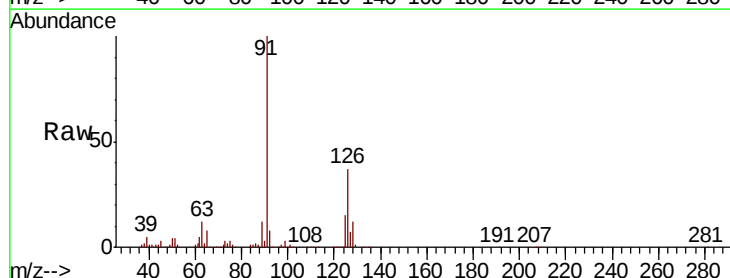
Acq: 05 May 2020 11:44

Tgt Ion: 91 Resp: 237857

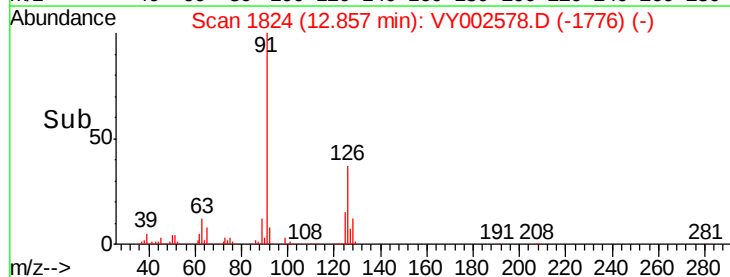
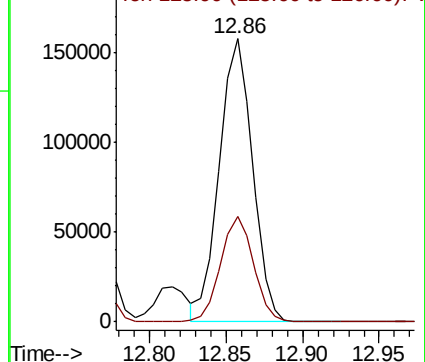
Ion Ratio Lower Upper

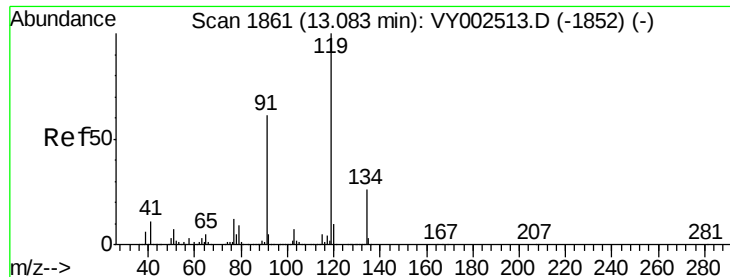
91 100

126 36.8 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.983 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampled :

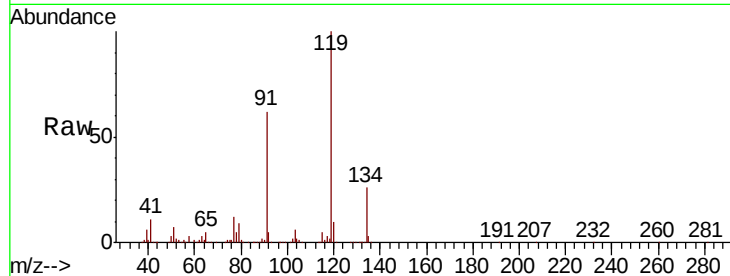
Tot Ion:119 Resp: 254178

Ion Ratio Lower Upper

119 100

91 62.1 30.6 91.6

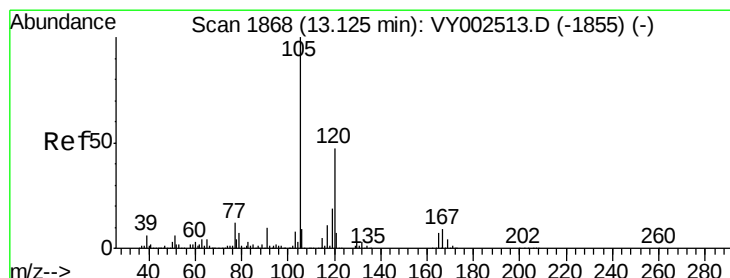
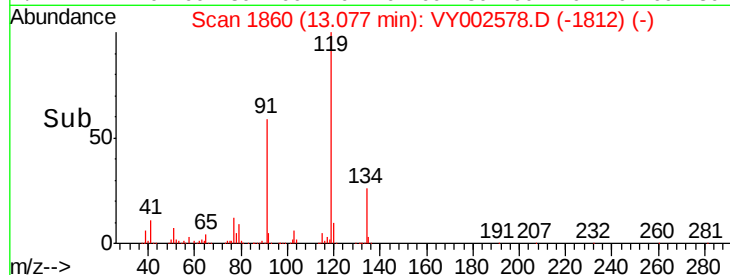
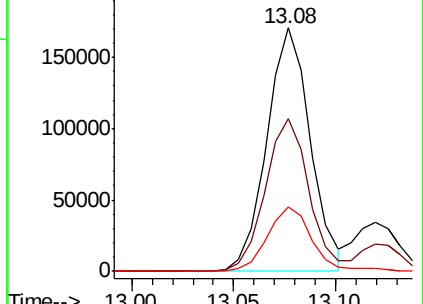
134 27.1 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.002 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.01 min

Lab File: VY002578.D

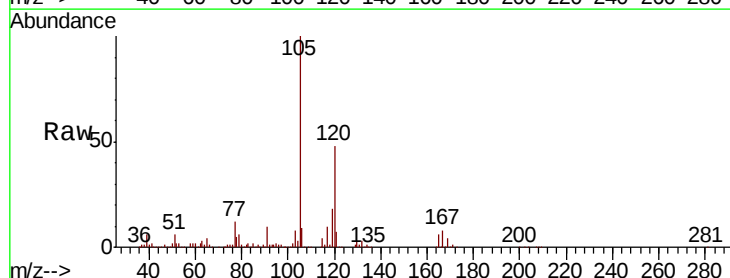
Acq: 05 May 2020 11:44

Tgt Ion:105 Resp: 289181

Ion Ratio Lower Upper

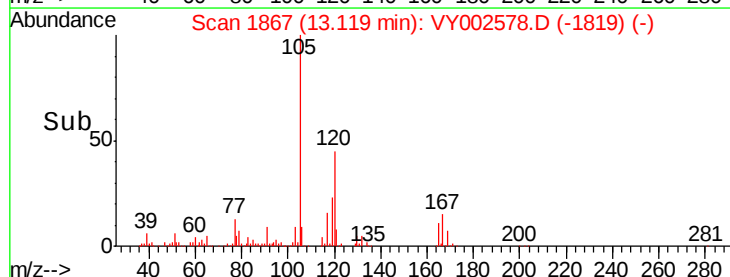
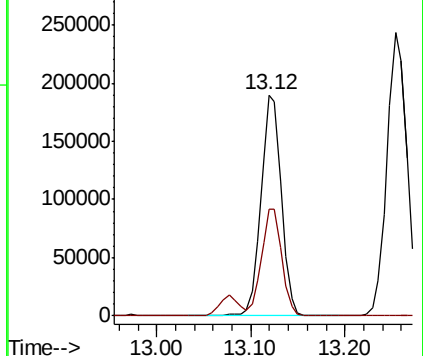
105 100

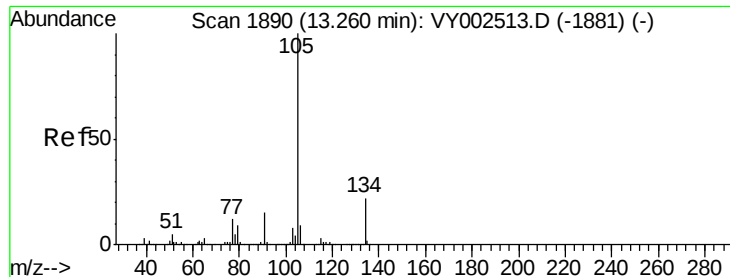
120 48.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.391 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

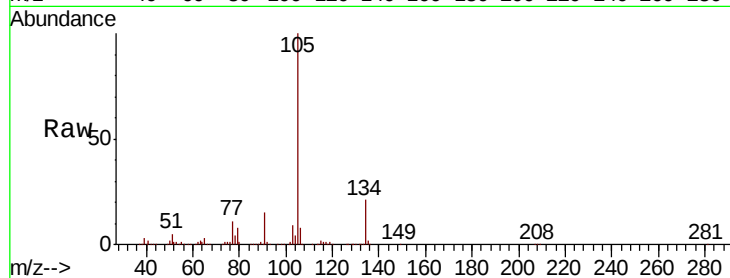
ClientSampled :

Tot Ion:105 Resp: 359901

Ion Ratio Lower Upper

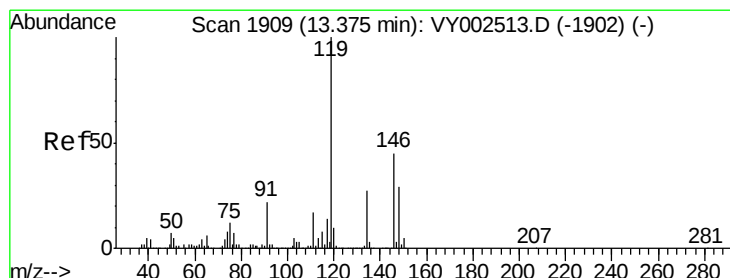
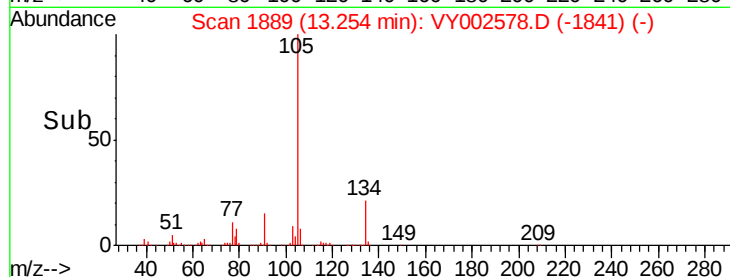
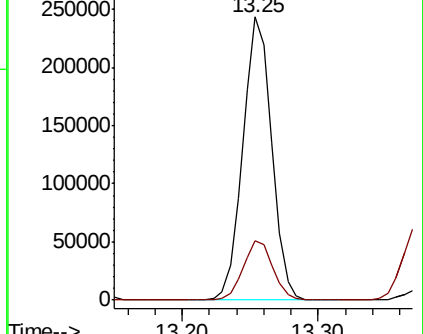
105 100

134 21.7 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.371 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

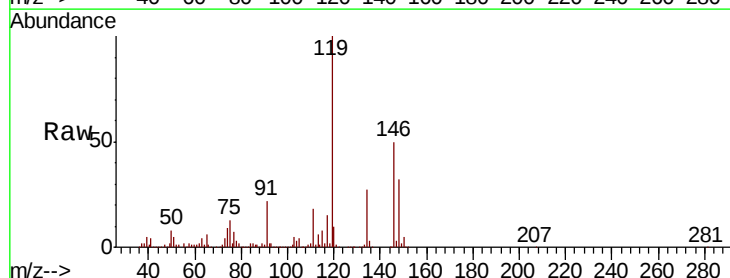
Tgt Ion:119 Resp: 336898

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

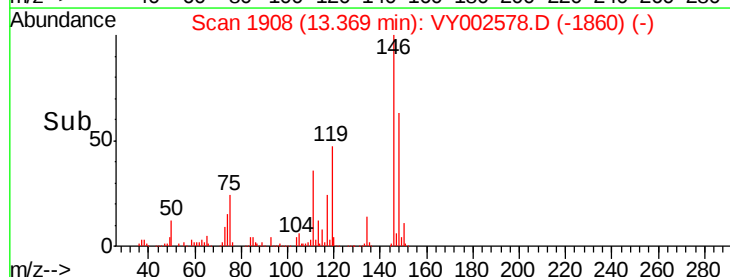
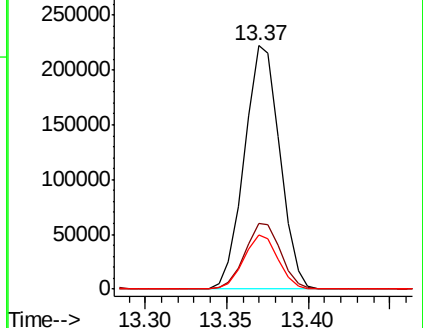
91 21.6 10.9 32.9



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





#87

1,3-Dichlorobenzene

Concen: 20.174 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

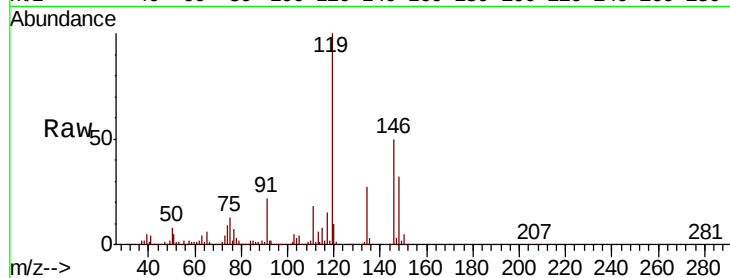
Tot Ion:146 Resp: 166950

Ion Ratio Lower Upper

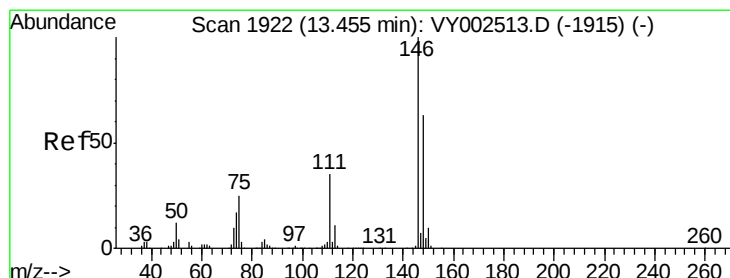
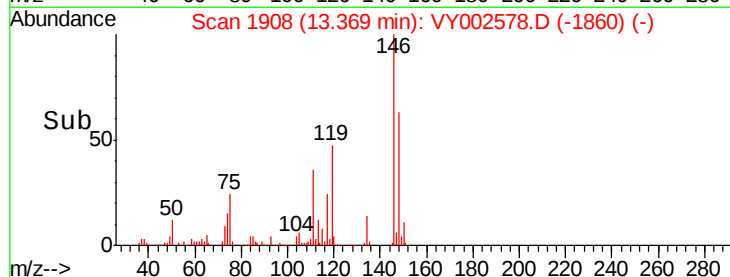
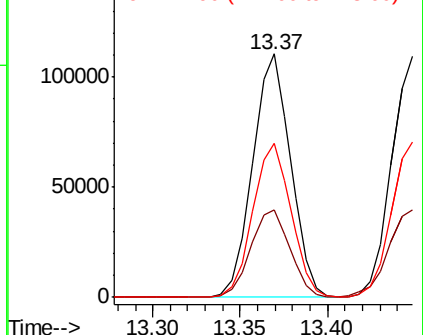
146 100

111 37.0 18.8 56.3

148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
150000 Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.194 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

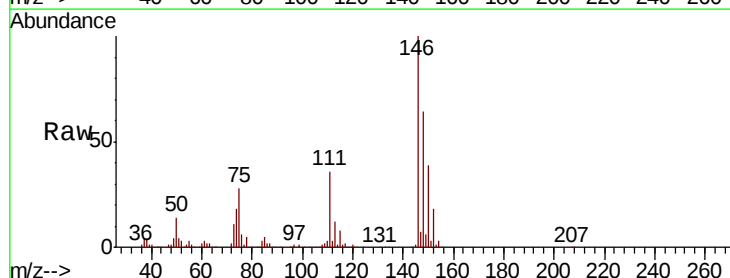
Tgt Ion:146 Resp: 165479

Ion Ratio Lower Upper

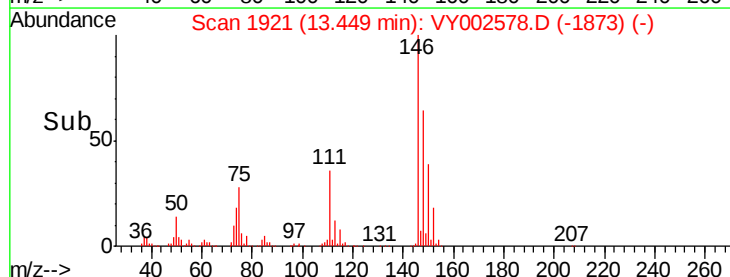
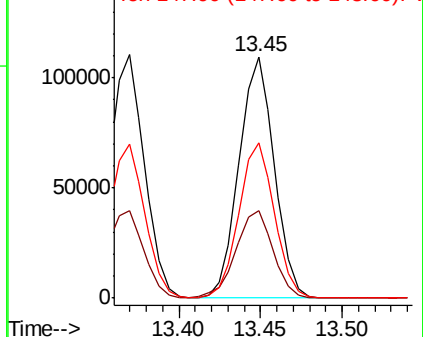
146 100

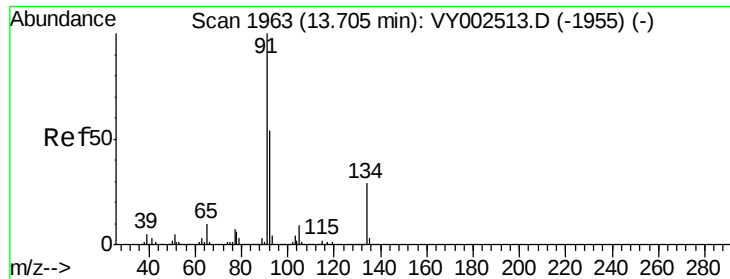
111 38.1 18.1 54.1

148 64.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
150000 Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.568 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002578.D

Acq: 05 May 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

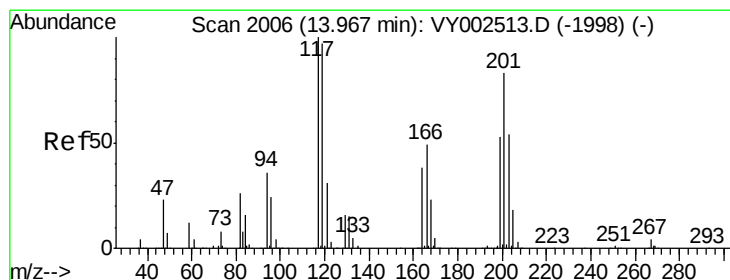
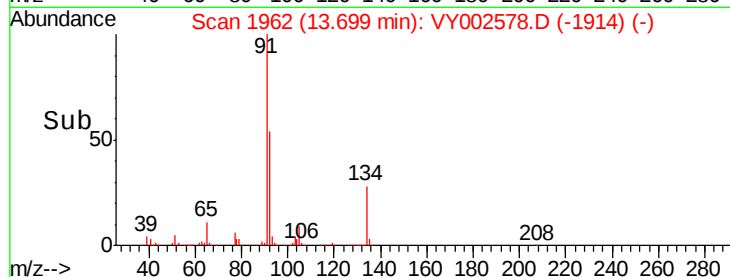
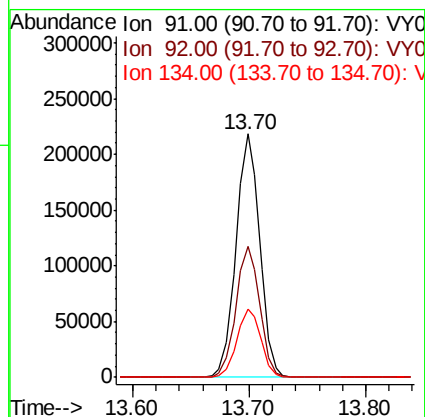
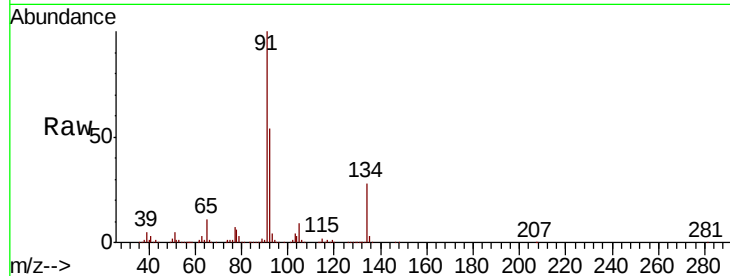
Tot Ion: 91 Resp: 309659

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.3

134 28.3 14.4 43.0



#90

Hexachloroethane

Concen: 20.171 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY002578.D

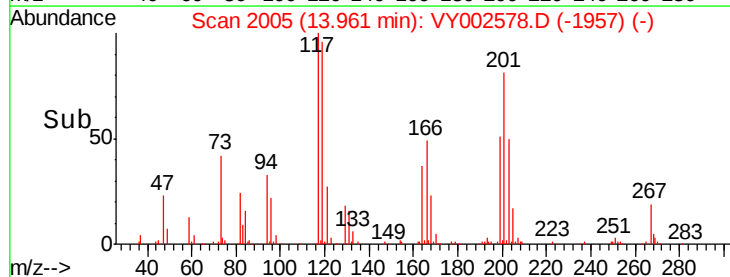
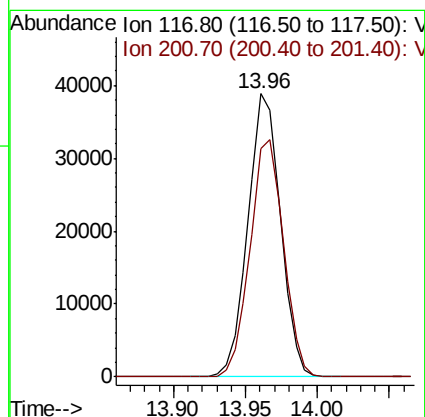
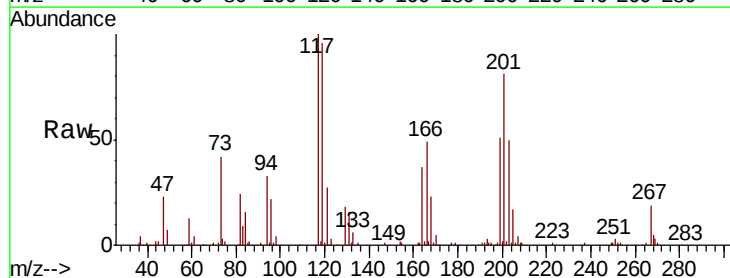
Acq: 05 May 2020 11:44

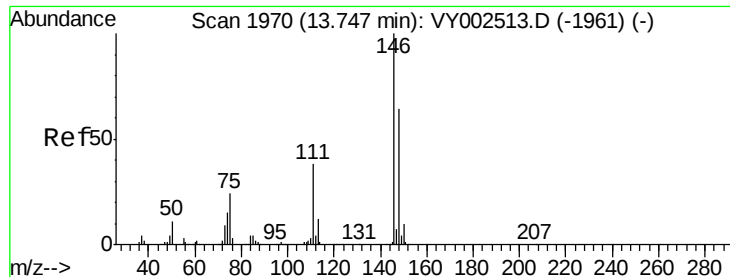
Tgt Ion: 117 Resp: 60749

Ion Ratio Lower Upper

117 100

201 86.1 44.4 133.2

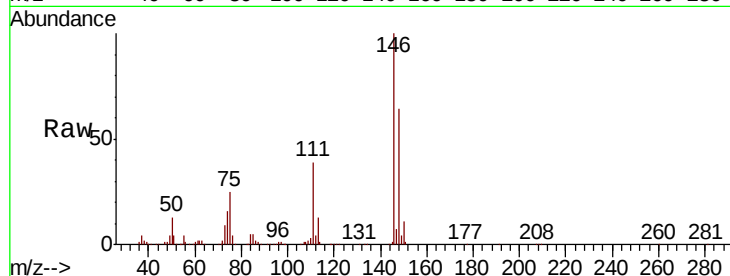




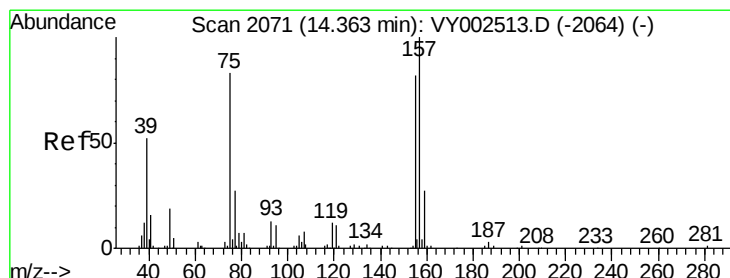
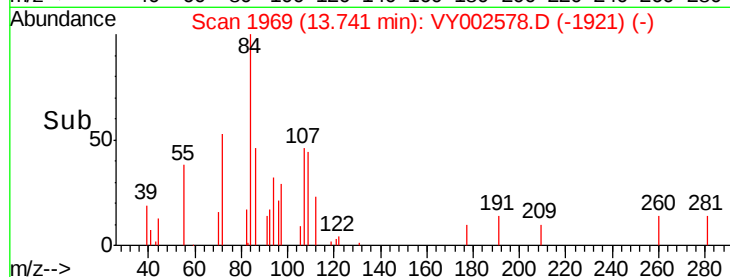
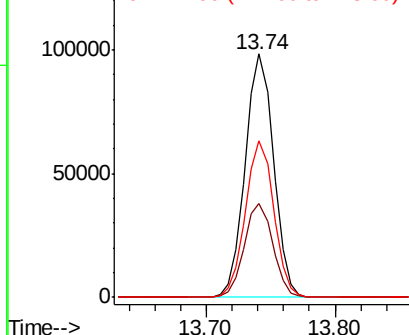
#91
 1,2-Dichlorobenzene
 Concen: 20.232 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.5
148	64.4	31.9	95.7

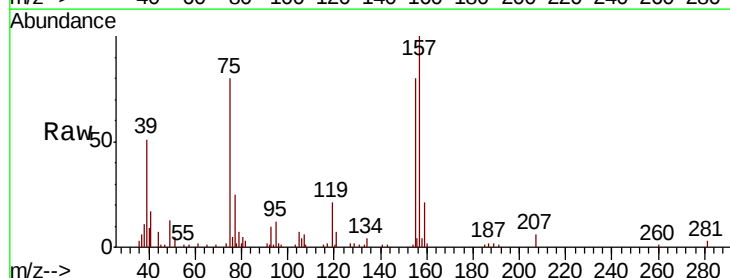


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

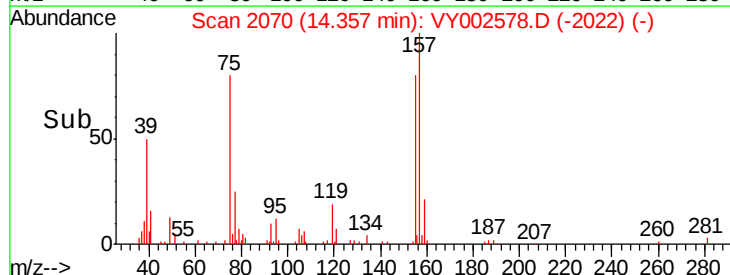
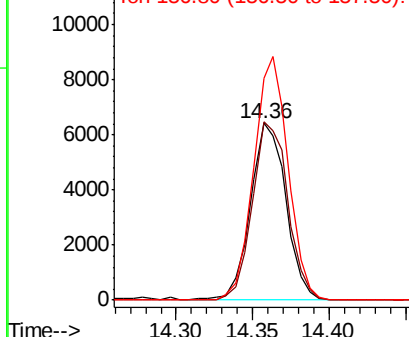


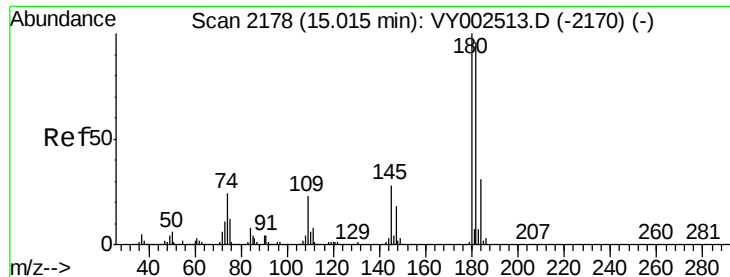
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.005 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	51.3	153.9
157	132.6	65.0	195.0



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

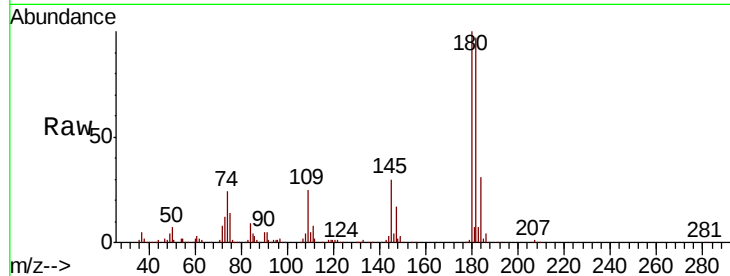




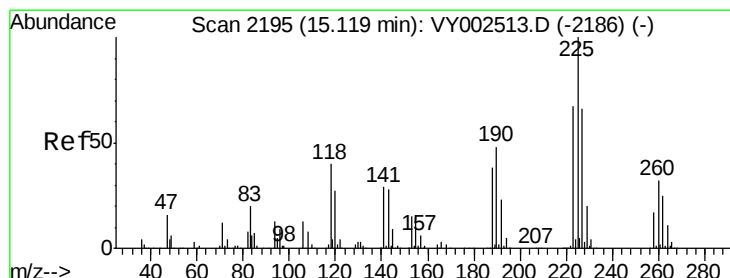
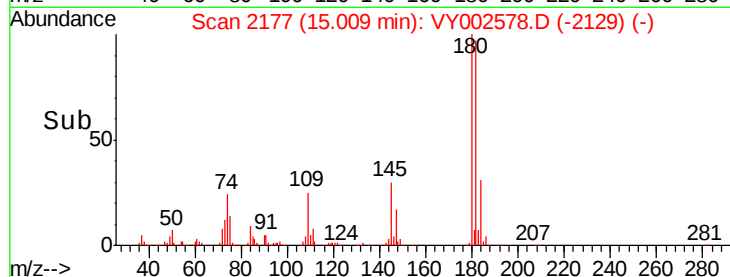
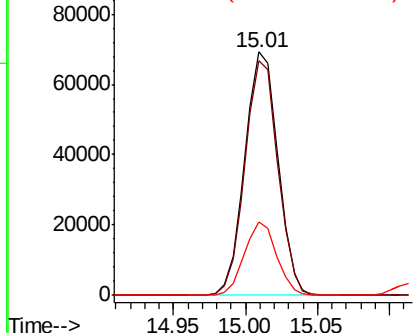
#93
 1,2,4-Trichlorobenzene
 Concen: 20.569 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	29.4	14.4	43.0

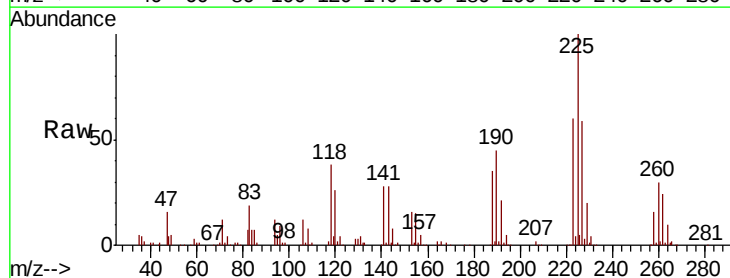


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

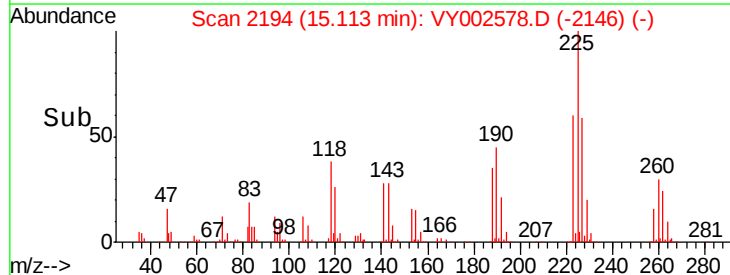
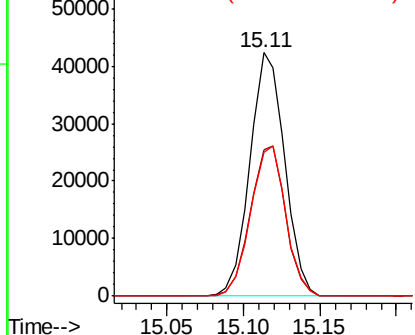


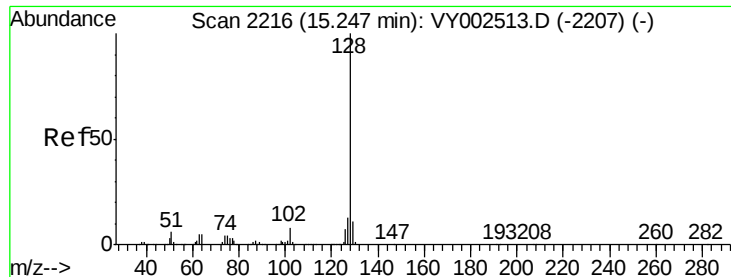
#94
 Hexachlorobutadiene
 Concen: 20.768 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002578.D
 Acq: 05 May 2020 11:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.1	96.5
227	62.3	32.0	96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

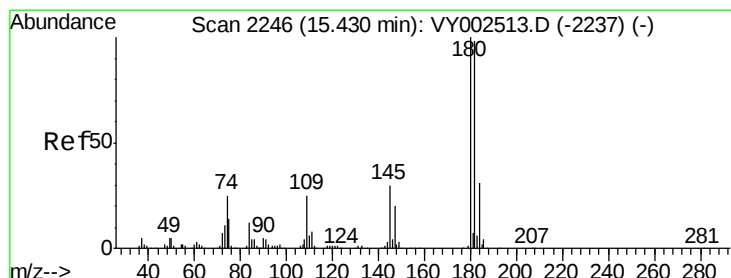
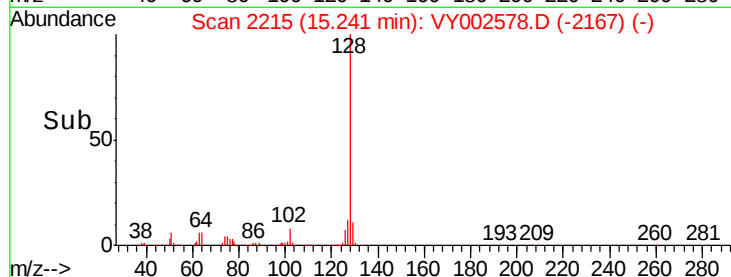
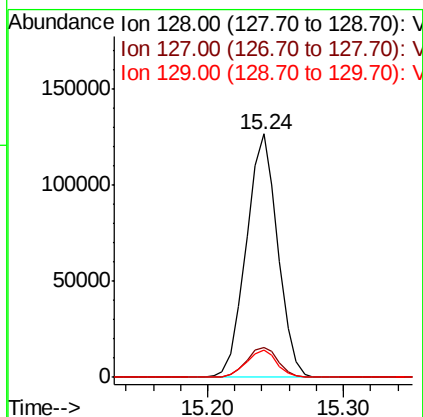
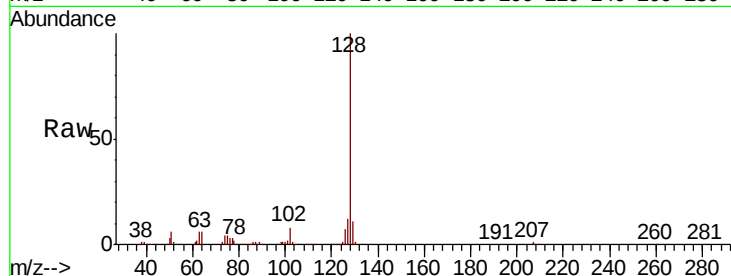




#95
Naphthalene
Concen: 20.923 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 204624
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.679 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY002578.D
Acq: 05 May 2020 11:44

Tgt Ion:180 Resp: 94114
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.8
145 30.8 15.0 45.1

