

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002211.D
 Acq On : 03 Apr 2020 11:53
 Operator : SY/MD
 Sample : VY0403SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Quant Time: Apr 04 00:17:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	150932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	275121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	248731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	111542	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	81603	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	7.74	113	76621	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	10.19	98	319350	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.49	95	110037	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	29917	27.373	ug/l	98
3) Chloromethane	2.13	50	38815	22.006	ug/l	99
4) Vinyl Chloride	2.27	62	40119	22.364	ug/l	99
5) Bromomethane	2.66	94	26849	22.934	ug/l	96
6) Chloroethane	2.81	64	24566	21.327	ug/l	96
7) Trichlorofluoromethane	3.15	101	52490	21.352	ug/l	98
8) Diethyl Ether	3.55	74	22277	21.395	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	34752	21.547	ug/l	98
10) Methyl Iodide	4.11	142	37667	19.640	ug/l	98
11) Tert butyl alcohol	4.99	59	29532	150.195	ug/l #	85
12) 1,1-Dichloroethene	3.90	96	34869	21.291	ug/l	92
13) Acrolein	3.76	56	21075	85.758	ug/l	99
14) Allyl chloride	4.51	41	61261	20.433	ug/l	99
15) Acrylonitrile	5.20	53	58404	107.019	ug/l	99
16) Acetone	3.97	43	49137	104.822	ug/l	98
17) Carbon Disulfide	4.22	76	113690	20.918	ug/l	100
18) Methyl Acetate	4.51	43	28009	23.010	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	96287	21.075	ug/l	98
20) Methylene Chloride	4.74	84	46842	21.183	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	38993	20.911	ug/l	90
22) Diisopropyl ether	6.15	45	125346	20.429	ug/l	91
23) Vinyl Acetate	6.09	43	413975	102.892	ug/l	97
24) 1,1-Dichloroethane	6.05	63	67564	20.711	ug/l	99
25) 2-Butanone	7.01	43	75647	105.095	ug/l	99
26) 2,2-Dichloropropane	7.01	77	57444	21.380	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	42114	20.529	ug/l	96
28) Bromochloromethane	7.35	49	28705	19.274	ug/l	97
29) Tetrahydrofuran	7.37	42	48930	103.682	ug/l	97
30) Chloroform	7.53	83	63358	20.490	ug/l	98
31) Cyclohexane	7.80	56	71516	20.573	ug/l #	89
32) 1,1,1-Trichloroethane	7.72	97	52985	20.523	ug/l	100
36) 1,1-Dichloropropene	7.94	75	54220	20.836	ug/l	98
37) Ethyl Acetate	7.10	43	33015	20.994	ug/l	97
38) Carbon Tetrachloride	7.92	117	46228	20.938	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	70998	20.800	ug/l	96
40) Benzene	8.18	78	160761	20.856	ug/l	99
41) Methacrylonitrile	7.36	41	43952	55.255	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	42168	20.605	ug/l	100
43) Isopropyl Acetate	8.29	43	58952	20.198	ug/l	99
44) Trichloroethene	8.96	130	40202	21.636	ug/l	99
45) 1,2-Dichloropropane	9.23	63	41314	21.050	ug/l	94
46) Dibromomethane	9.32	93	21251	21.083	ug/l	98
47) Bromodichloromethane	9.51	83	48943	20.858	ug/l	98
48) Methyl methacrylate	9.30	41	26158	19.999	ug/l	97
49) 1,4-Dioxane	9.32	88	5813	420.271	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	166673	110.900	ug/l	98
52) Toluene	10.25	92	98421	21.111	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	52802	20.274	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	63424	20.684	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	30378	20.363	ug/l	92
56) Ethyl methacrylate	10.52	69	45497	20.881	ug/l	95
57) 1,3-Dichloropropane	10.80	76	55508	21.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	115688	103.329	ug/l	99
59) 2-Hexanone	10.85	43	111538	105.356	ug/l	100
60) Dibromochloromethane	11.00	129	32280	20.678	ug/l	99
61) 1,2-Dibromoethane	11.10	107	29207	20.917	ug/l	98
64) Tetrachloroethene	10.73	164	34094	22.404	ug/l	98
65) Chlorobenzene	11.53	112	102469	21.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	33906	21.108	ug/l	99
67) Ethyl Benzene	11.60	91	189034	21.199	ug/l	100
68) m/p-Xylenes	11.71	106	139790	42.398	ug/l	98
69) o-Xylene	12.04	106	65686	21.002	ug/l	98
70) Styrene	12.05	104	114086	21.051	ug/l	100
71) Bromoform	12.22	173	18200	20.687	ug/l #	99
73) Isopropylbenzene	12.34	105	177474	21.449	ug/l	100
74) N-amyl acetate	12.16	43	52401	20.080	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	38258	21.487	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	50759	40.682	ug/l #	100
77) Bromobenzene	12.62	156	37782	21.390	ug/l	99
78) n-propylbenzene	12.68	91	219534	21.380	ug/l	100
79) 2-Chlorotoluene	12.77	91	119817	21.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	146812	21.506	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	13824	21.465	ug/l	98
82) 4-Chlorotoluene	12.86	91	125407	21.109	ug/l	99
83) tert-Butylbenzene	13.08	119	127328	22.345	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	148655	21.826	ug/l	99
85) sec-Butylbenzene	13.27	105	183109	21.695	ug/l	100
86) p-Isopropyltoluene	13.38	119	158212	21.829	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	74671	21.610	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	75150	21.613	ug/l	98
89) n-Butylbenzene	13.70	91	161175	21.343	ug/l	100
90) Hexachloroethane	13.97	117	29245	21.414	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	69045	21.637	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6140	21.528	ug/l	96

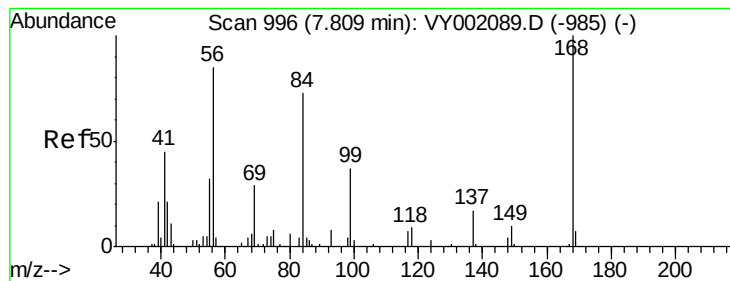
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	43980	21.383	ug/l	96
94) Hexachlorobutadiene	15.13	225	20910	20.596	ug/l	99
95) Naphthalene	15.25	128	102532	20.989	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	38971	20.895	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

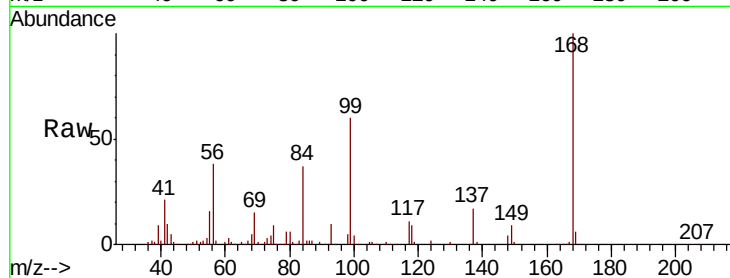
VY0403SBS01

Tot Ion:168 Resp: 150932

Ion Ratio Lower Upper

168 100

99 59.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.81

60000

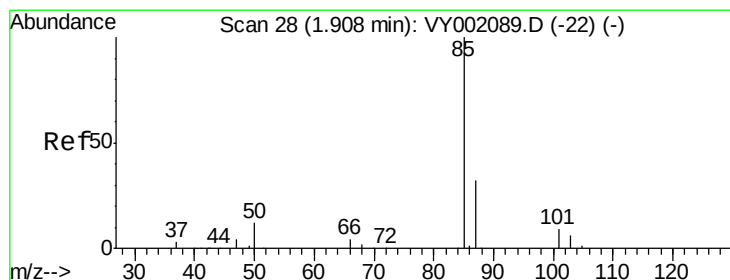
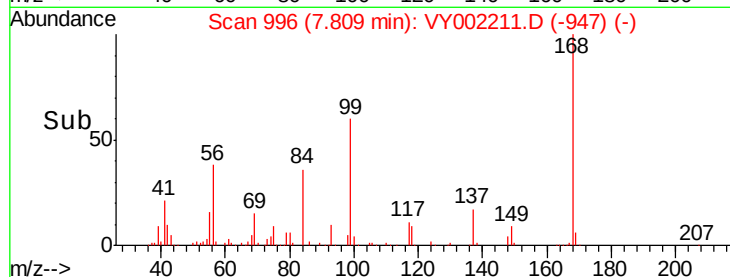
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 27.373 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002211.D

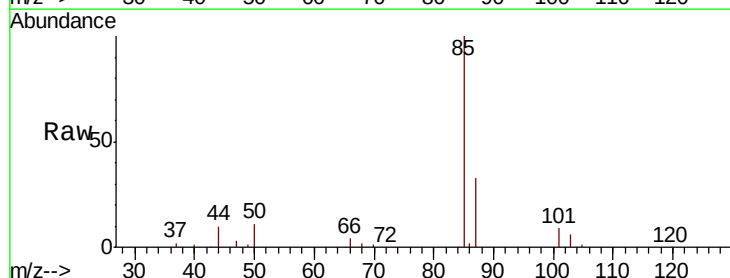
Acq: 03 Apr 2020 11:53

Tgt Ion: 85 Resp: 29917

Ion Ratio Lower Upper

85 100

87 33.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)

1.91

25000

20000

15000

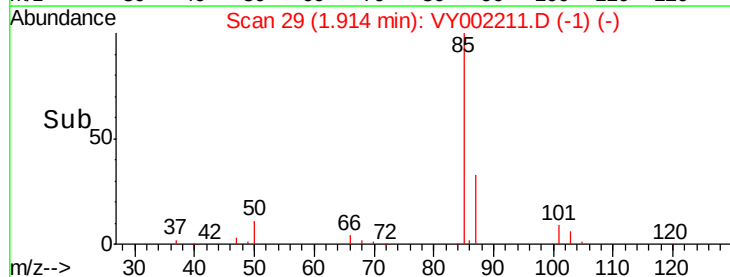
10000

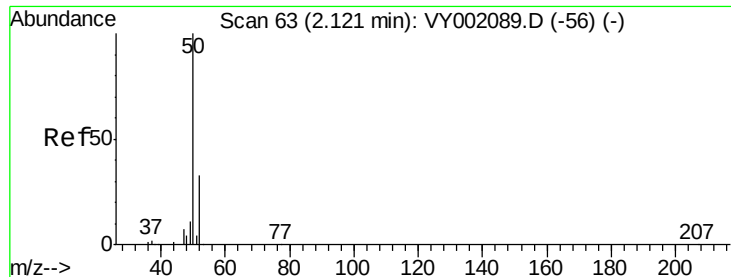
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.006 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

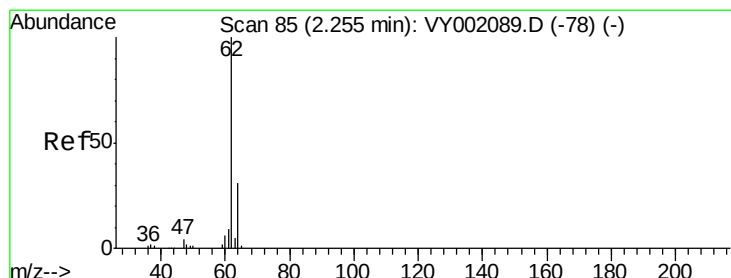
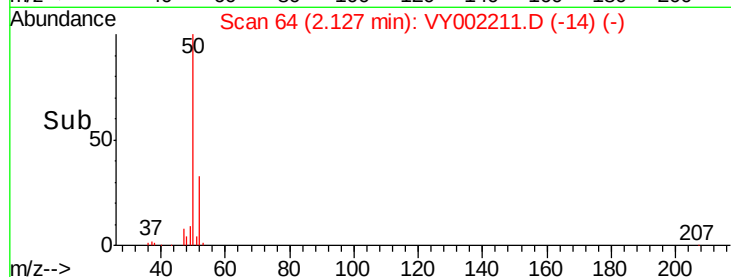
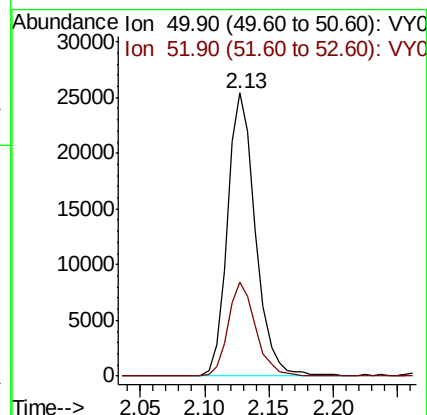
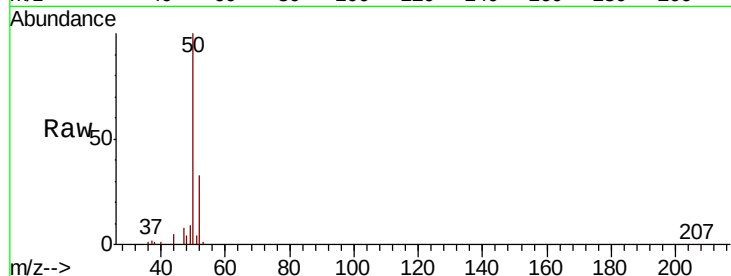
VY0403SBS01

Tot Ion: 50 Resp: 38815

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 22.364 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002211.D

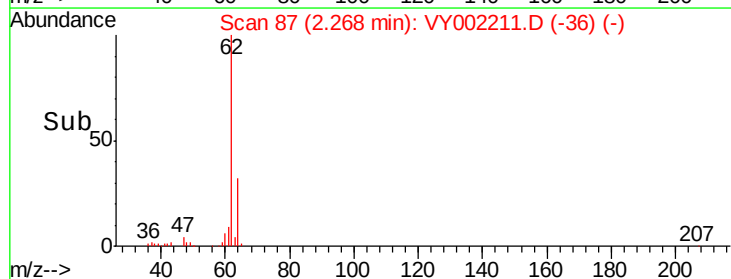
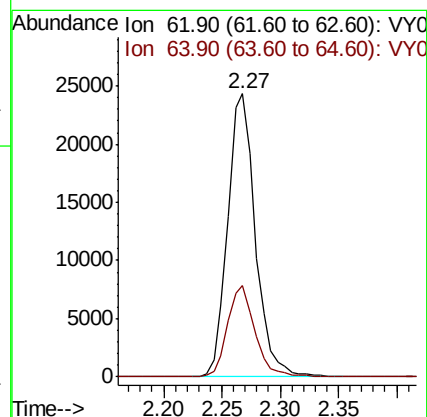
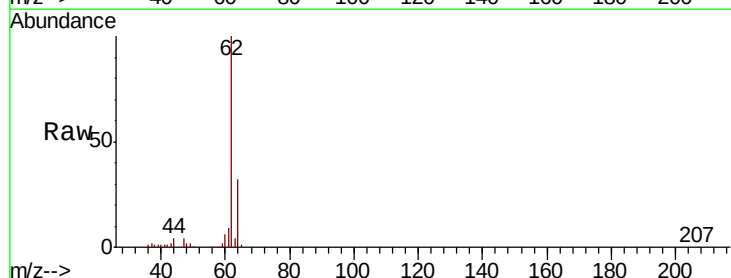
Acq: 03 Apr 2020 11:53

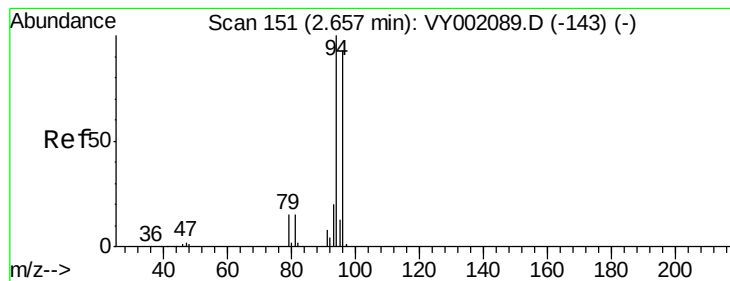
Tgt Ion: 62 Resp: 40119

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8





#5

Bromomethane

Concen: 22.934 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

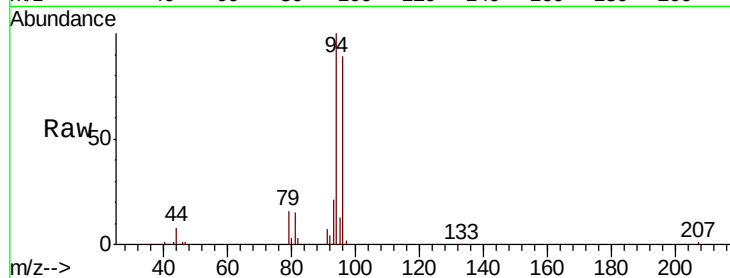
VY0403SBS01

Tot Ion: 94 Resp: 26849

Ion Ratio Lower Upper

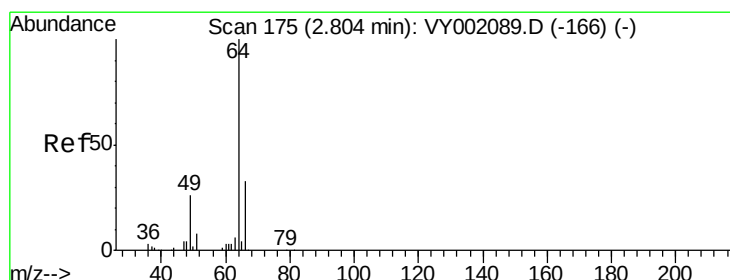
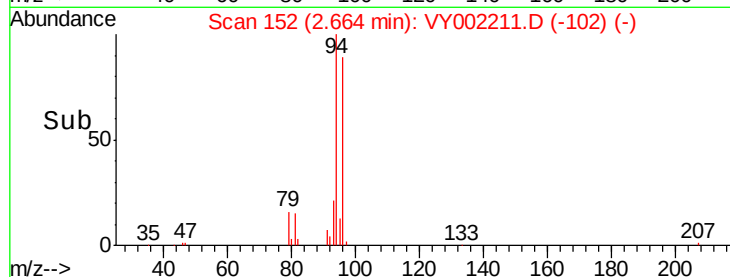
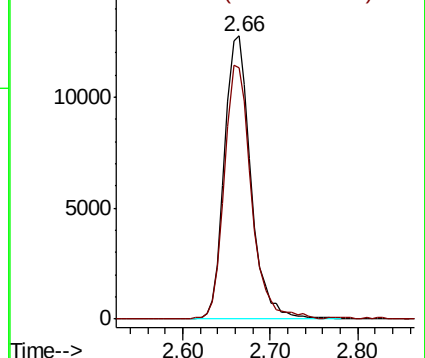
94 100

96 88.8 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.327 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002211.D

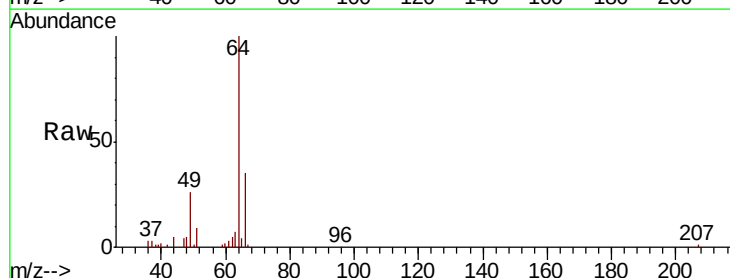
Acq: 03 Apr 2020 11:53

Tgt Ion: 64 Resp: 24566

Ion Ratio Lower Upper

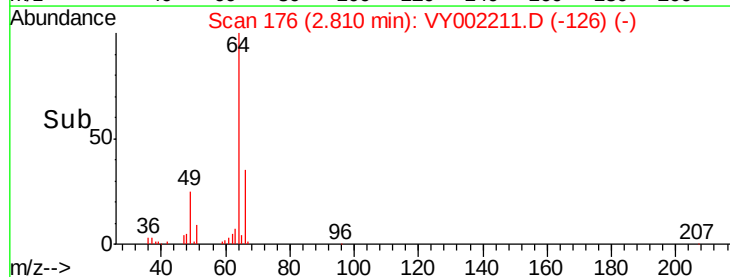
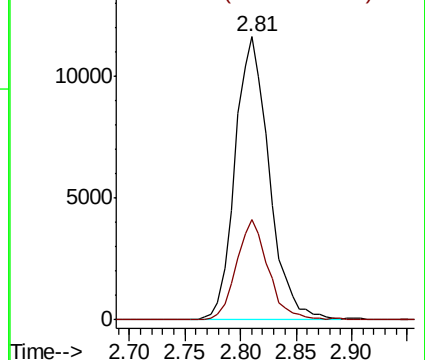
64 100

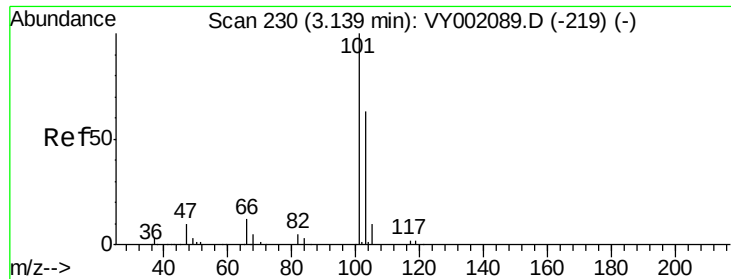
66 35.4 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



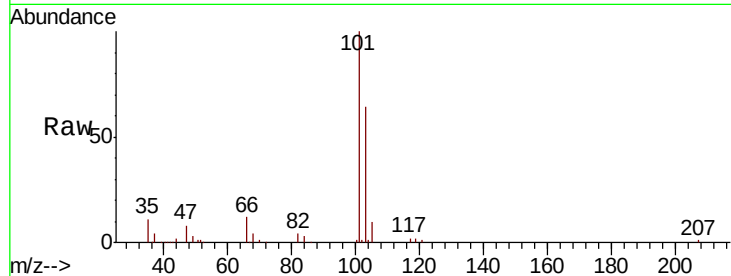


#7

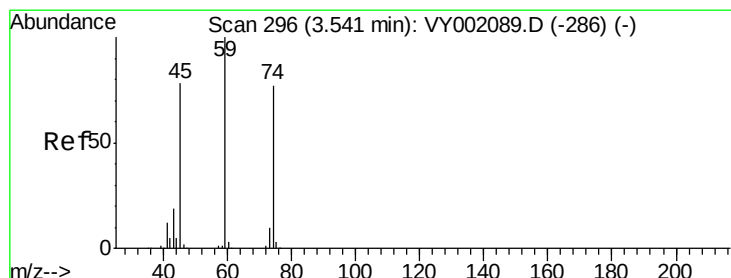
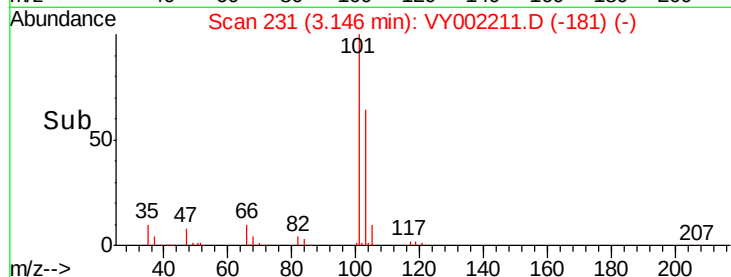
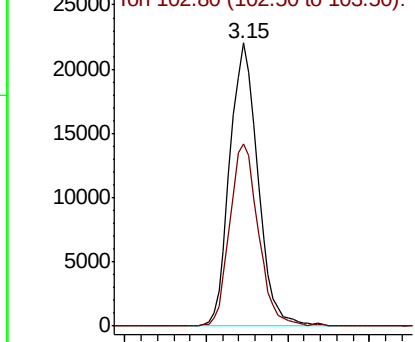
Trichlorofluoromethane
 Concen: 21.352 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Tot Ion:101 Resp: 52490
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.6 76.0



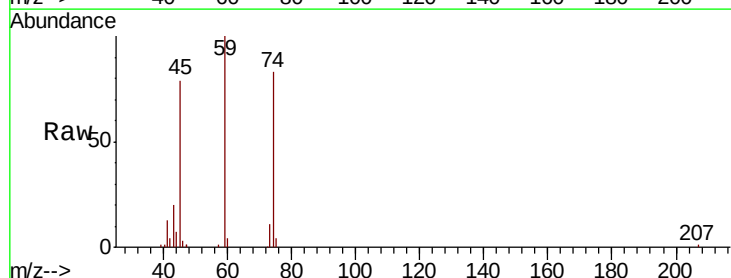
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



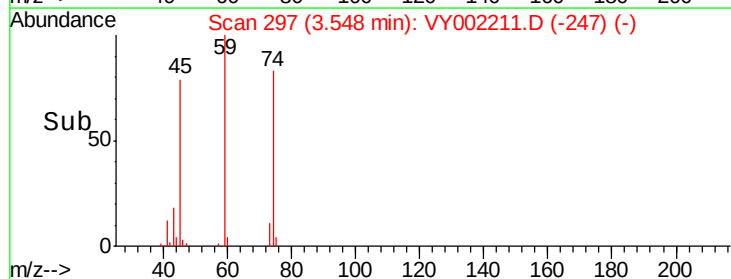
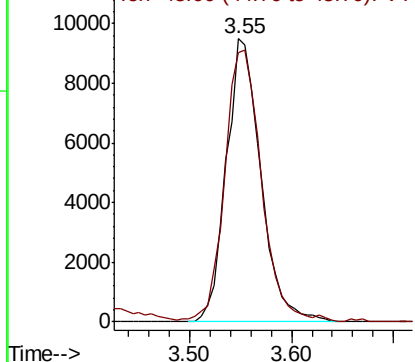
#8

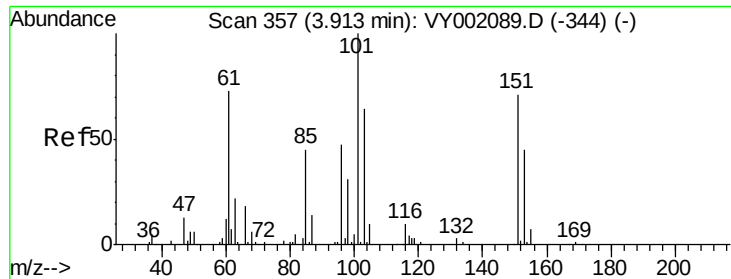
Diethyl Ether
 Concen: 21.395 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Tgt Ion: 74 Resp: 22277
 Ion Ratio Lower Upper
 74 100
 45 102.4 51.0 153.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.547 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

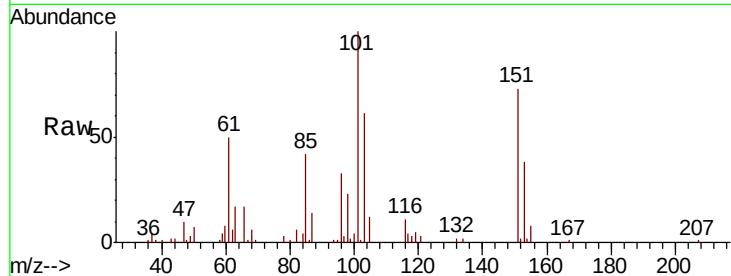
Tot Ion:101 Resp: 34752

Ion Ratio Lower Upper

101 100

85 43.6 35.9 53.9

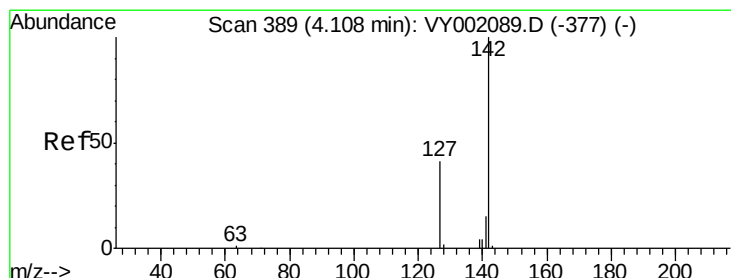
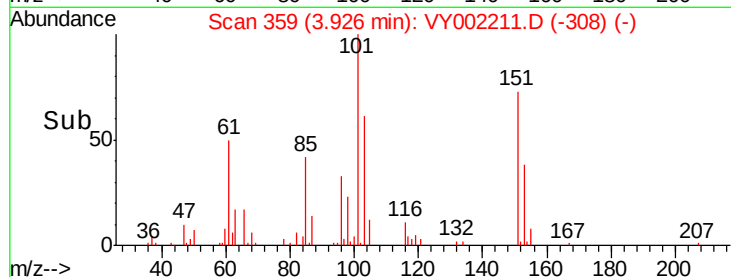
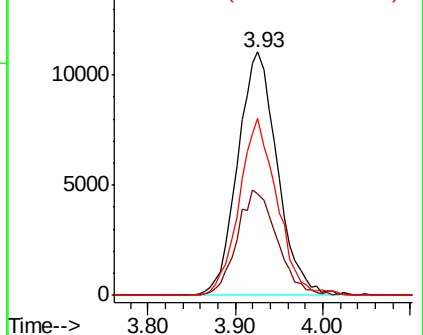
151 69.7 57.5 86.3



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: 19.640 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

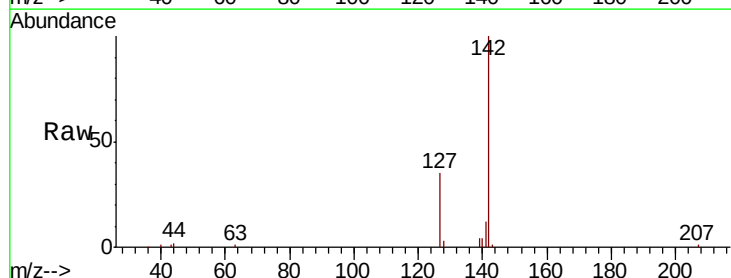
Tgt Ion:142 Resp: 37667

Ion Ratio Lower Upper

142 100

127 39.0 32.6 49.0

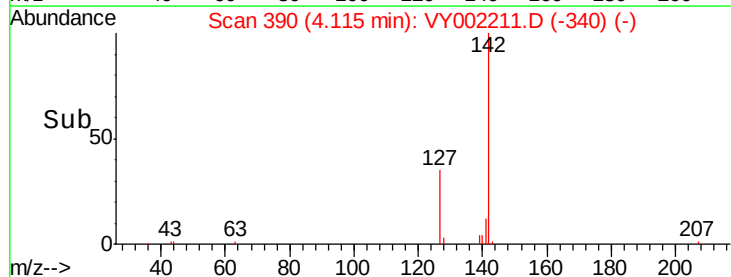
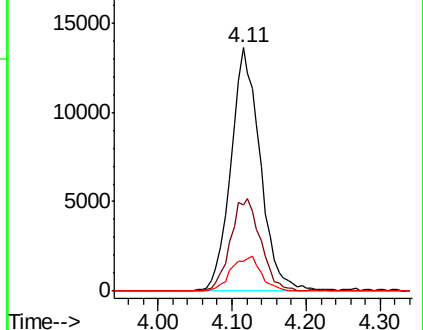
141 14.4 11.4 17.0

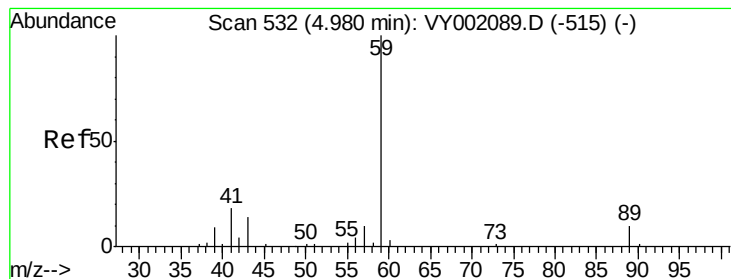


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



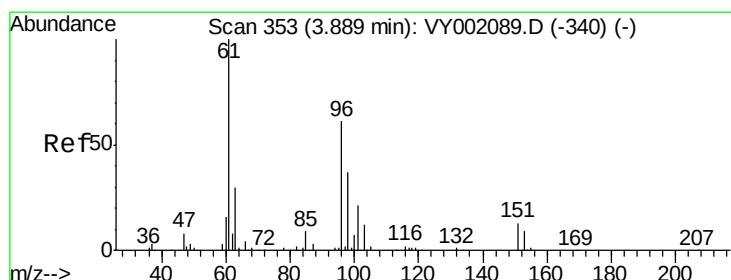
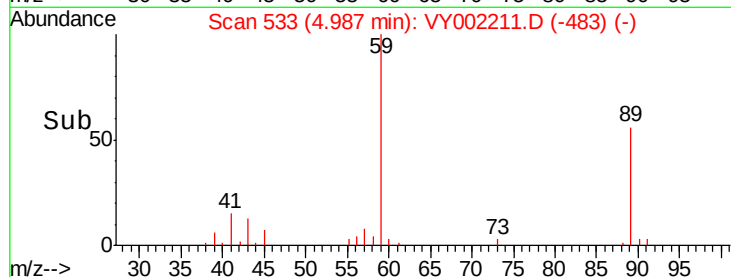
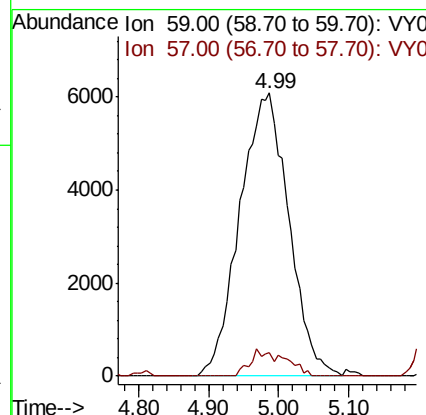
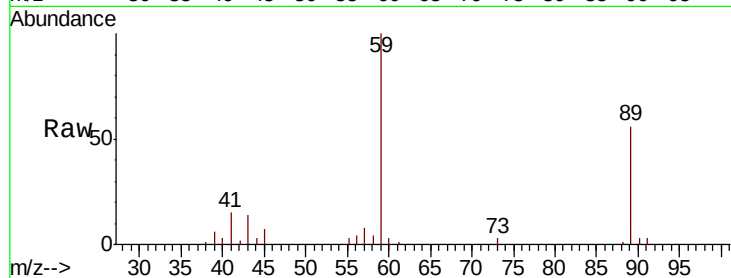


#11

Tert butyl alcohol
 Concen: 150.195 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

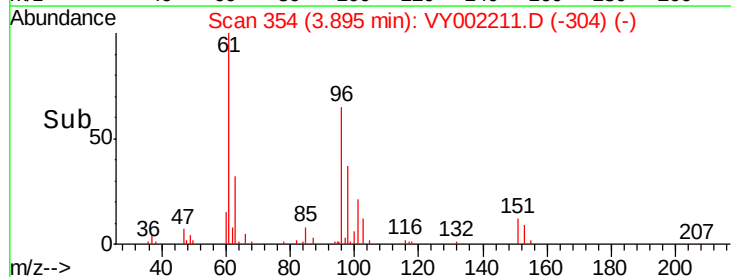
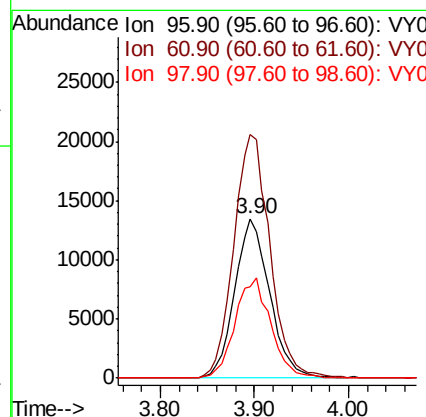
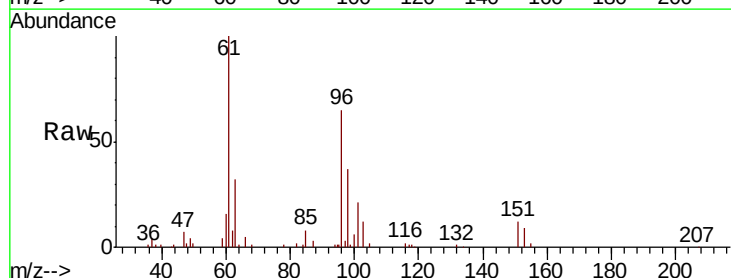
Tot Ion: 59 Resp: 29532
 Ion Ratio Lower Upper
 59 100
 57 4.0 7.7 11.5#

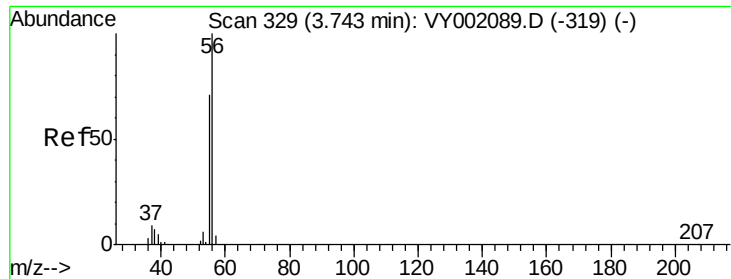


#12

1,1-Dichloroethene
 Concen: 21.291 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Tgt Ion: 96 Resp: 34869
 Ion Ratio Lower Upper
 96 100
 61 153.0 132.0 198.0
 98 57.3 49.4 74.0





#13

Acrolein

Concen: 85.758 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

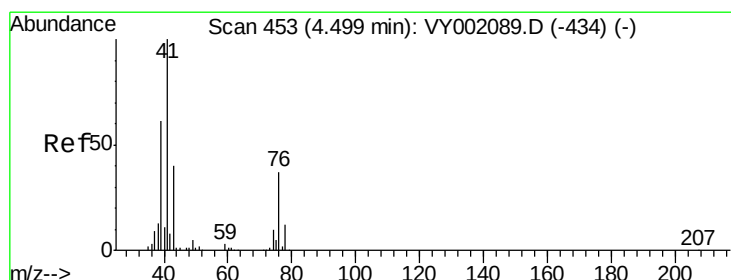
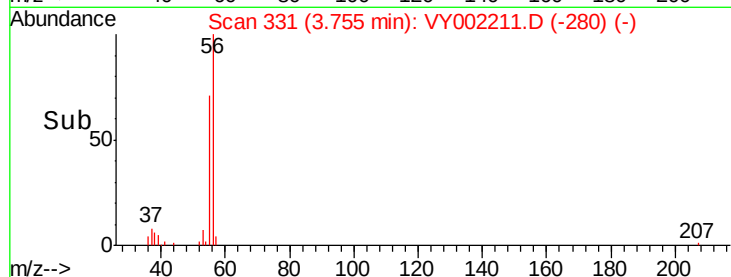
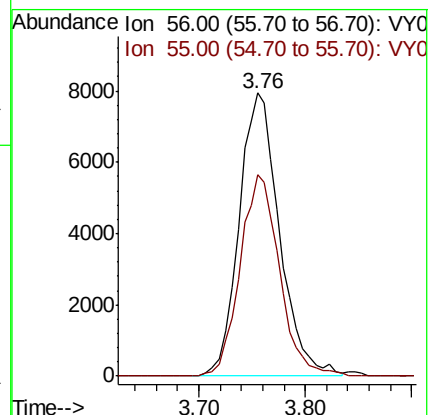
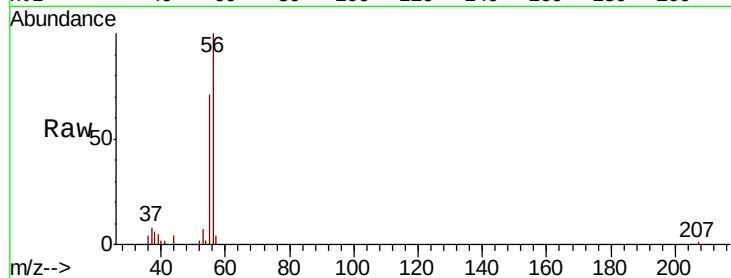
VY0403SBS01

Tot Ion: 56 Resp: 21075

Ion Ratio Lower Upper

56 100

55 69.4 56.5 84.7



#14

Allyl chloride

Concen: 20.433 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

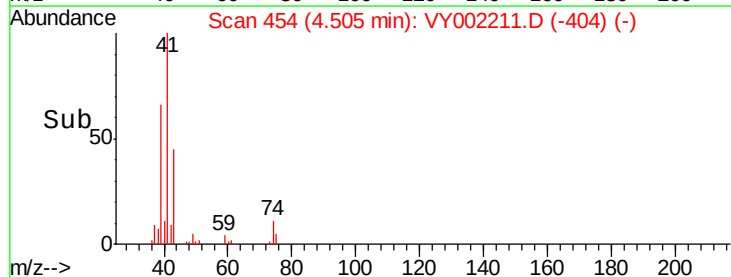
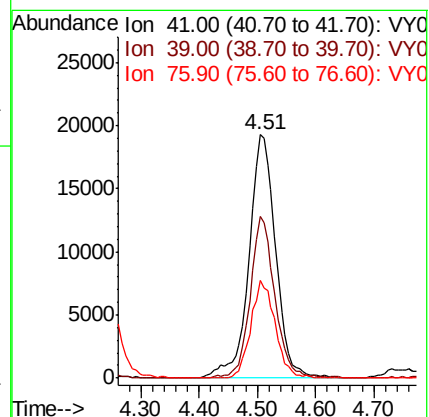
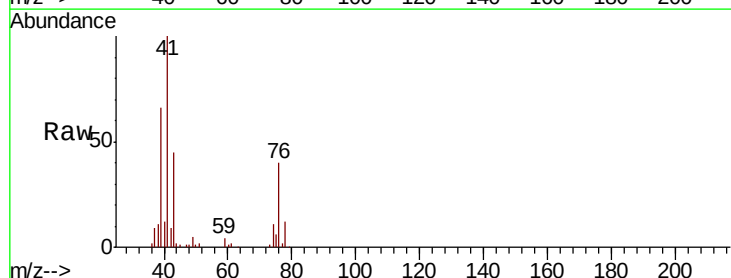
Tgt Ion: 41 Resp: 61261

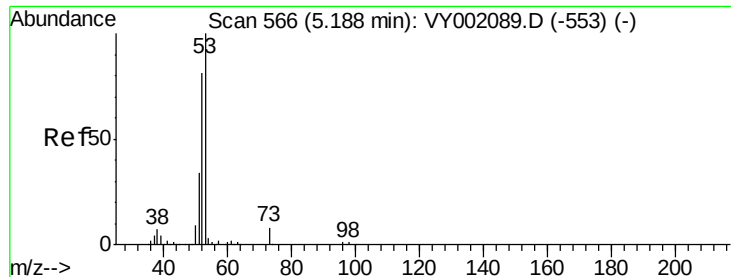
Ion Ratio Lower Upper

41 100

39 60.9 49.0 73.4

76 36.3 27.8 41.8





#15

Acrylonitrile

Concen: 107.019 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

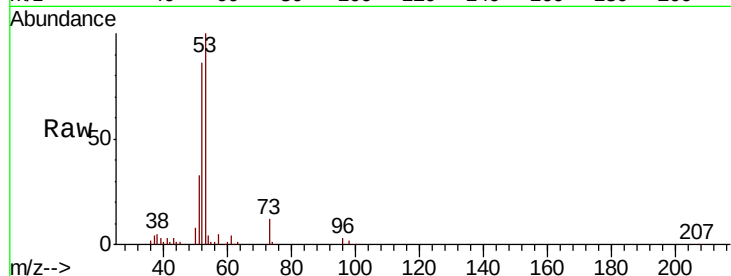
Tot Ion: 53 Resp: 58404

Ion Ratio Lower Upper

53 100

52 81.3 64.6 97.0

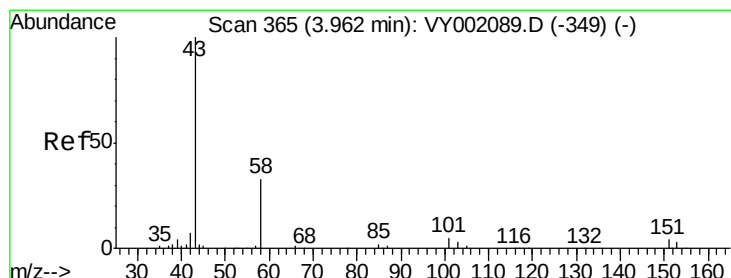
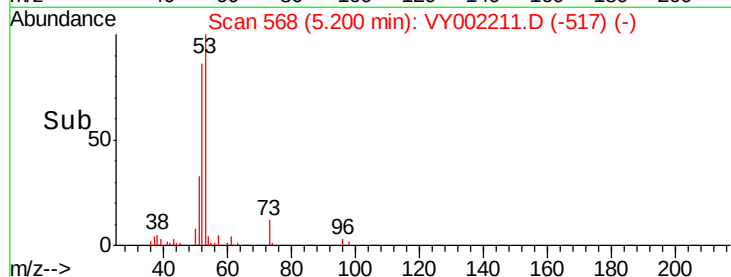
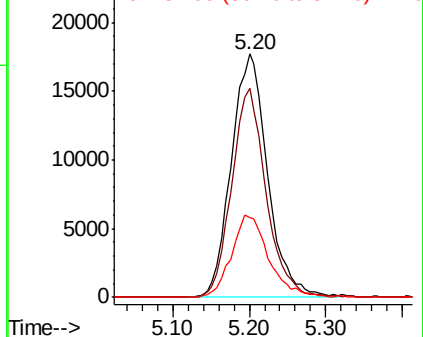
51 34.3 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 104.822 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002211.D

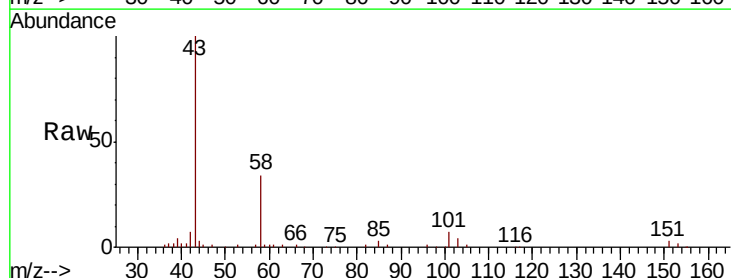
Acq: 03 Apr 2020 11:53

Tgt Ion: 43 Resp: 49137

Ion Ratio Lower Upper

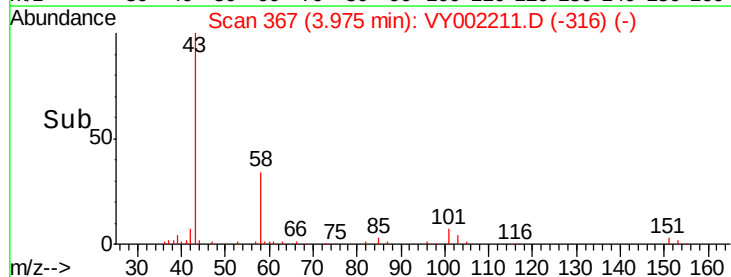
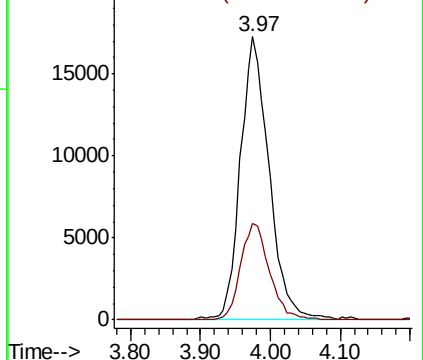
43 100

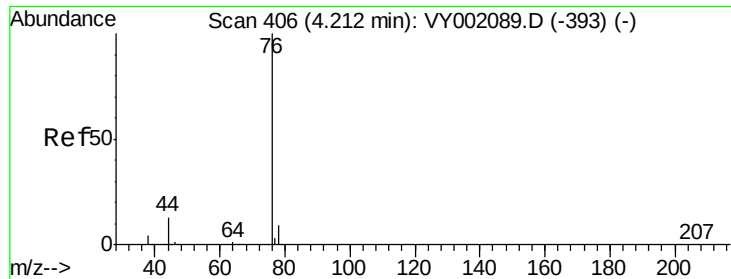
58 33.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

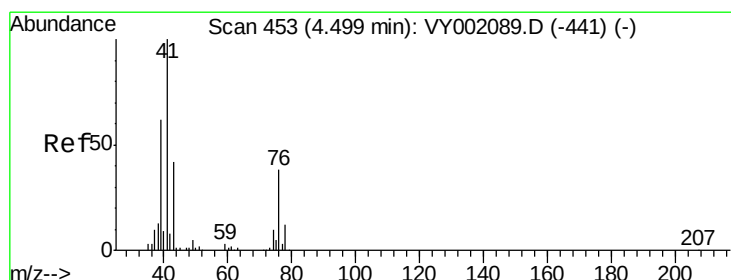
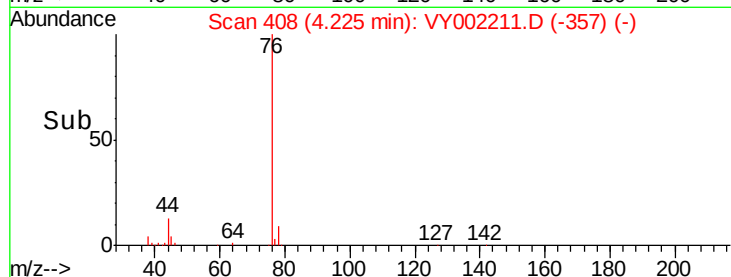
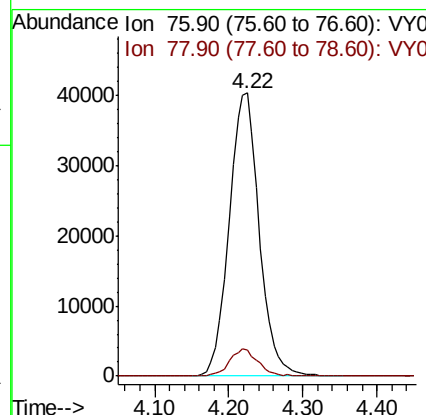
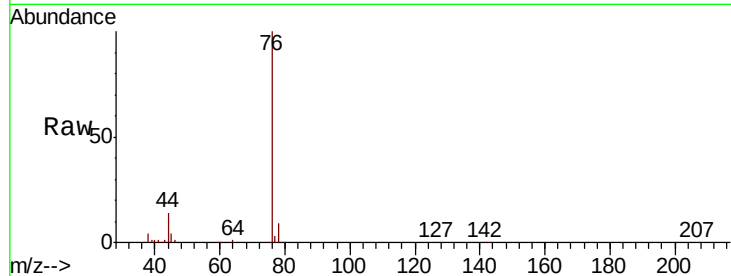




#17
Carbon Disulfide
Concen: 20.918 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

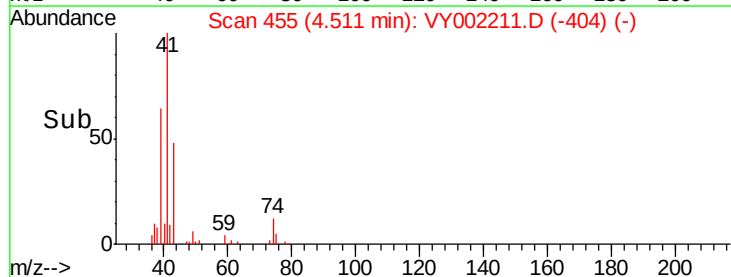
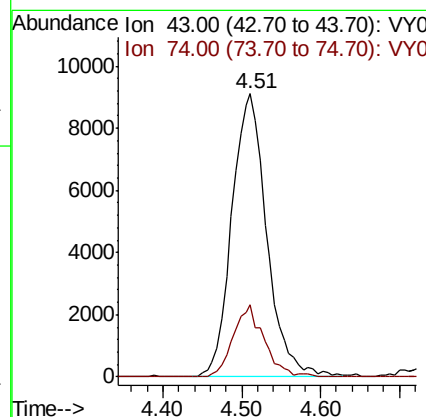
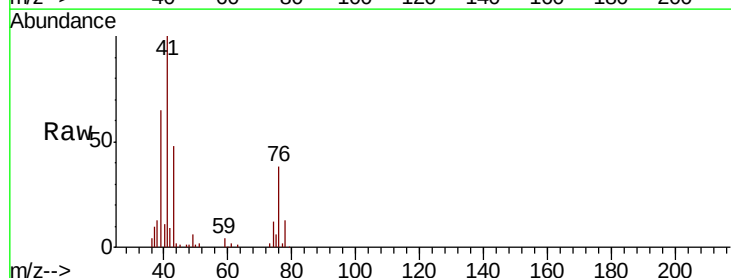
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

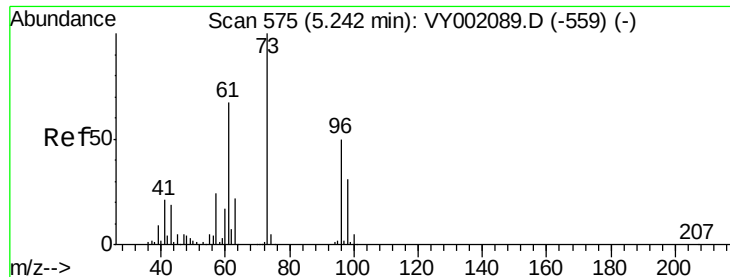
Tot Ion: 76 Resp: 113690
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 23.010 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion: 43 Resp: 28009
Ion Ratio Lower Upper
43 100
74 22.3 18.3 27.5

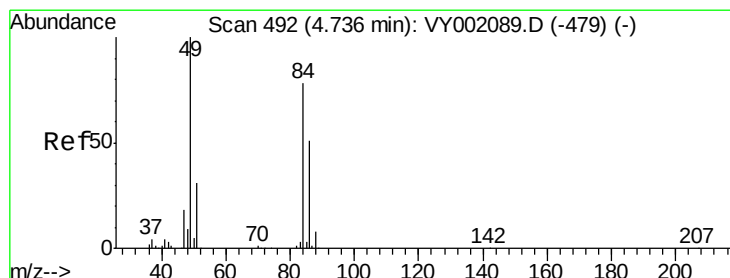
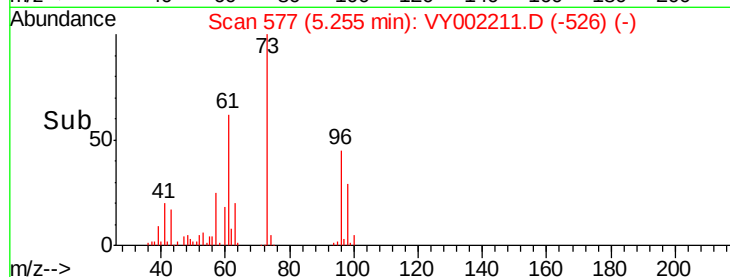
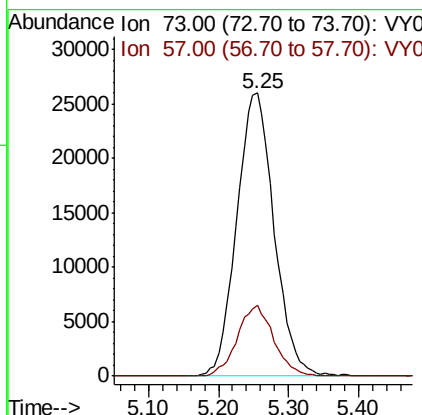
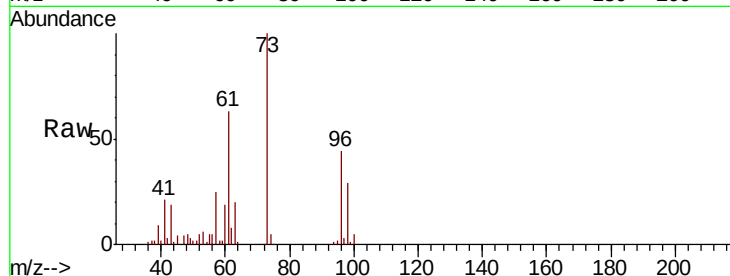




#19
Methyl tert-butyl Ether
Concen: 21.075 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

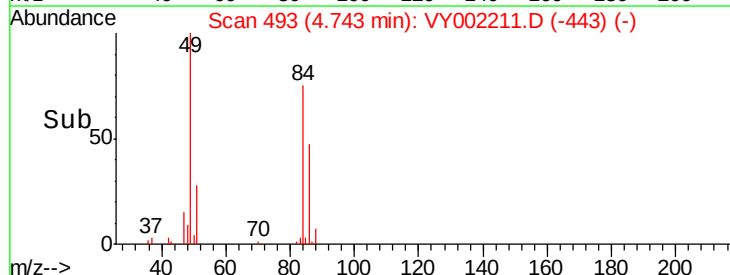
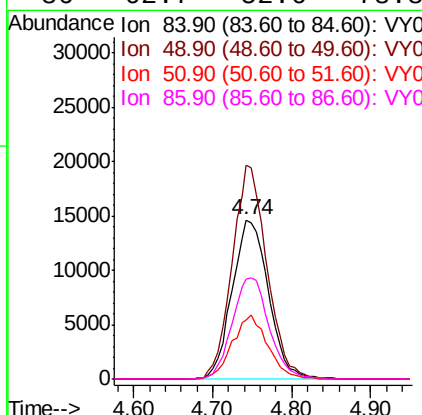
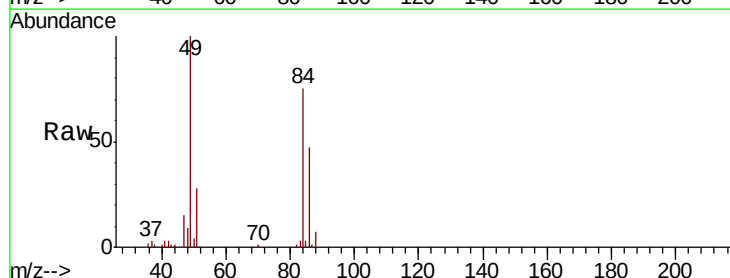
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

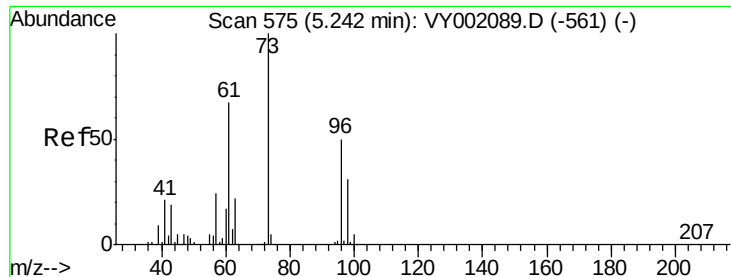
Tot Ion: 73 Resp: 96287
Ion Ratio Lower Upper
73 100
57 24.9 19.0 28.6



#20
Methylene Chloride
Concen: 21.183 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion: 84 Resp: 46842
Ion Ratio Lower Upper
84 100
49 134.1 102.2 153.4
51 37.1 31.2 46.8
86 62.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.911 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

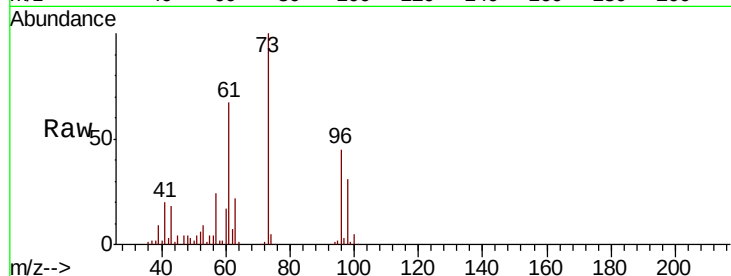
Tot Ion: 96 Resp: 38993

Ion Ratio Lower Upper

96 100

61 148.5 107.7 161.5

98 68.7 50.5 75.7

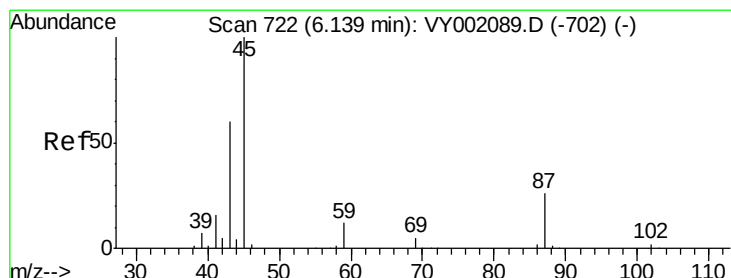
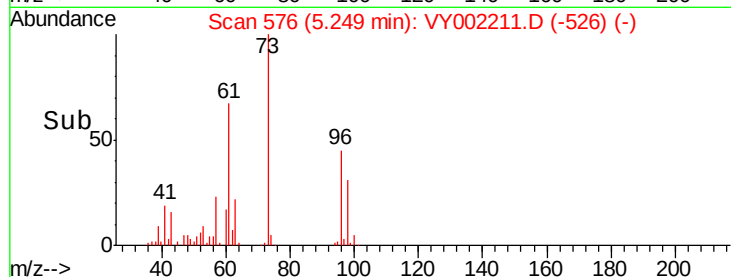
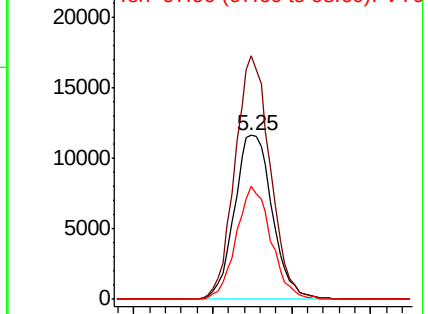


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.429 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Tgt Ion: 45 Resp: 125346

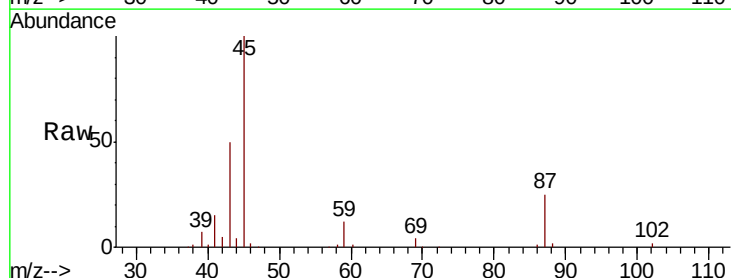
Ion Ratio Lower Upper

45 100

43 50.0 48.1 72.1

87 25.3 21.1 31.7

59 11.8 9.2 13.8



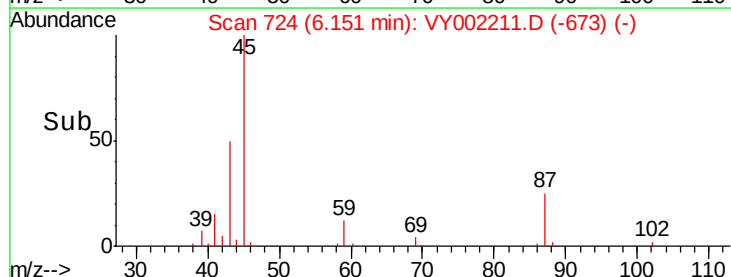
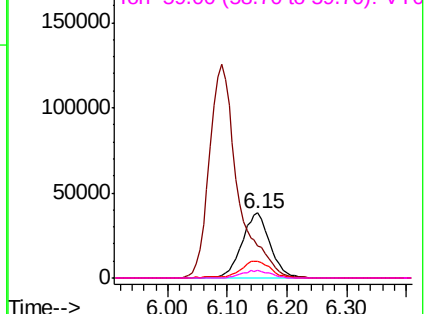
Abundance

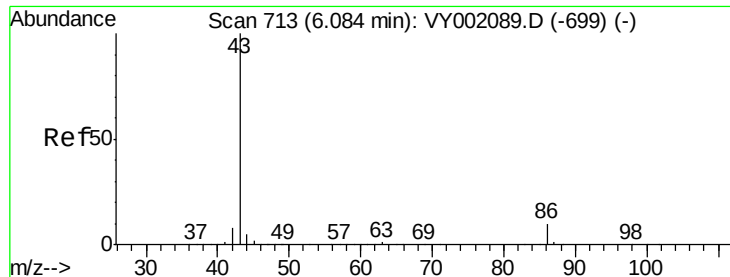
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 102.892 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampled :

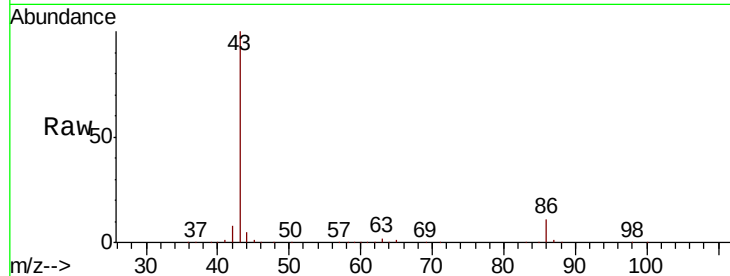
VY0403SBS01

Tot Ion: 43 Resp: 413975

Ion Ratio Lower Upper

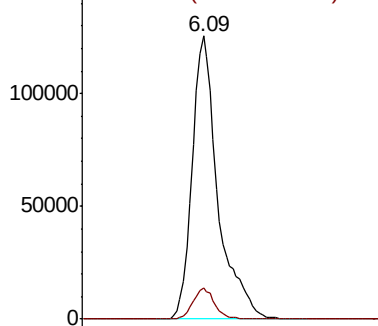
43 100

86 11.1 7.9 11.9

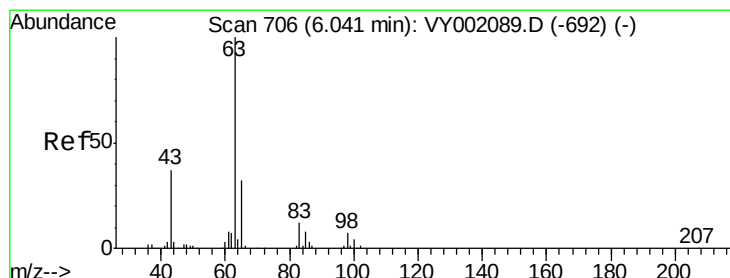
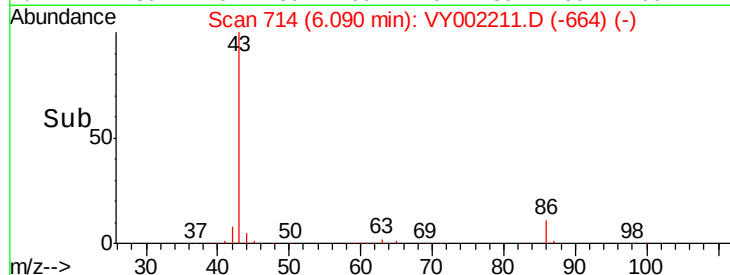


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 20.711 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

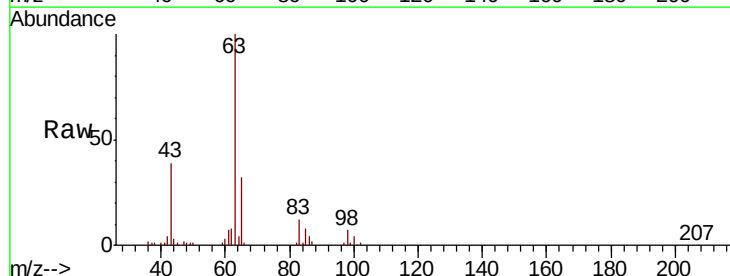
Tgt Ion: 63 Resp: 67564

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

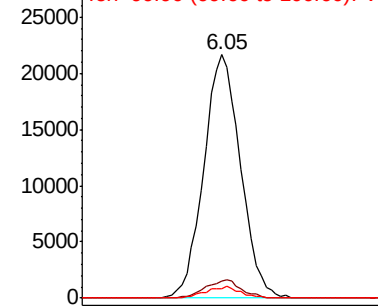
100 4.1 1.8 5.5



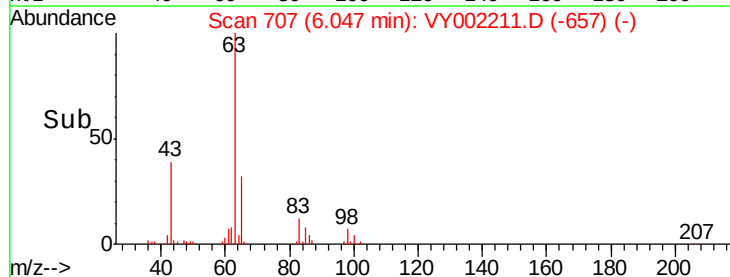
Abundance Ion 62.90 (62.60 to 63.60): VY0

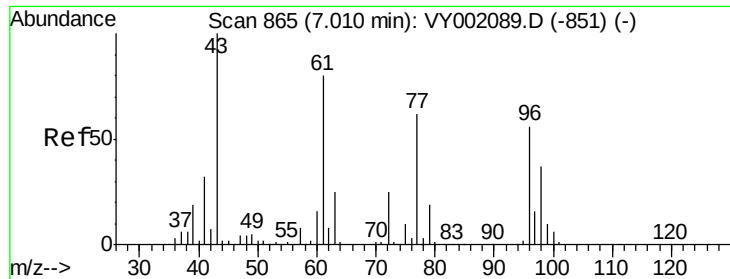
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->

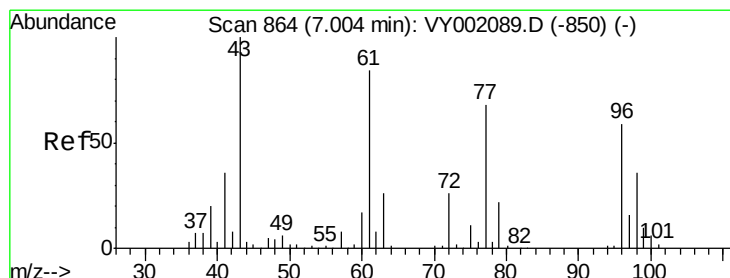
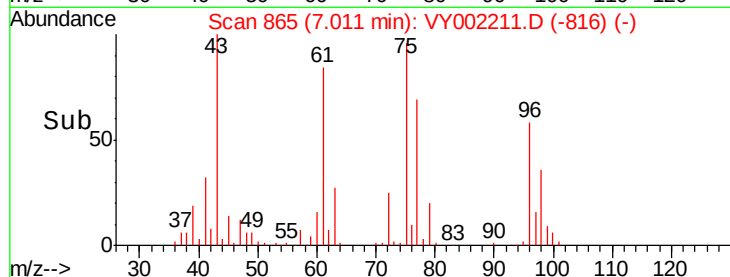
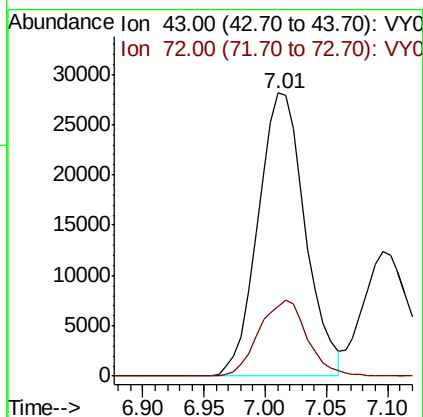
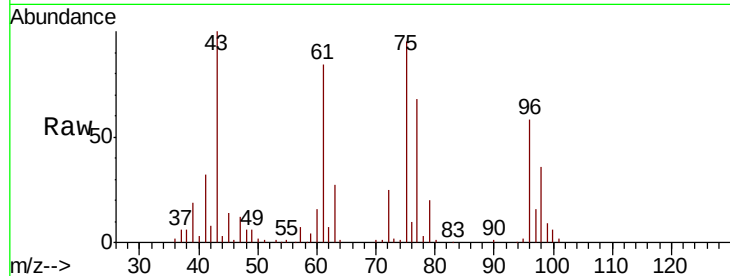




#25
2-Butanone
Concen: 105.095 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

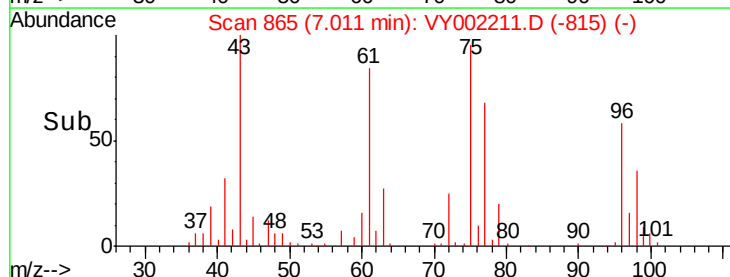
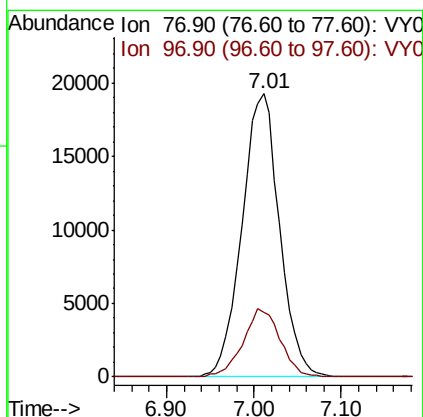
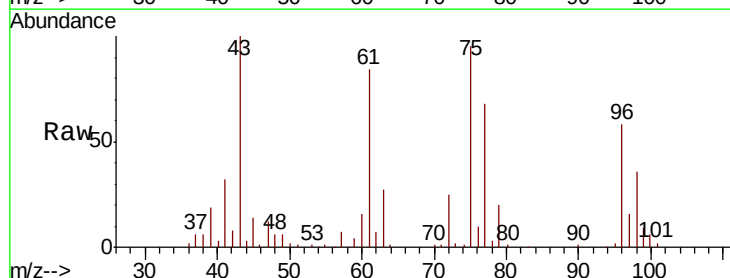
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

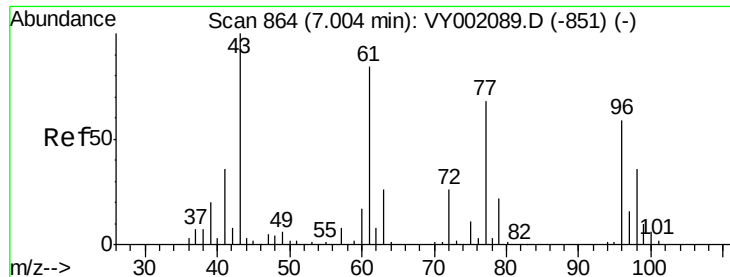
Tot Ion: 43 Resp: 75647
Ion Ratio Lower Upper
43 100
72 24.6 20.2 30.2



#26
2,2-Dichloropropane
Concen: 21.380 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion: 77 Resp: 57444
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.1



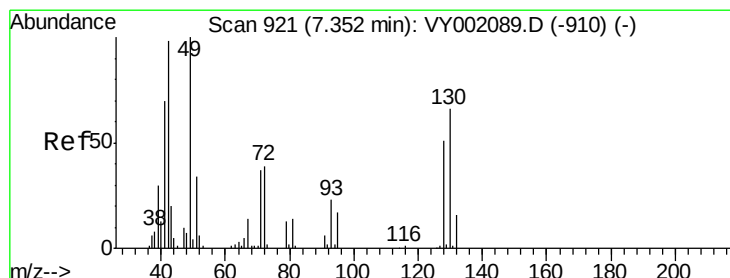
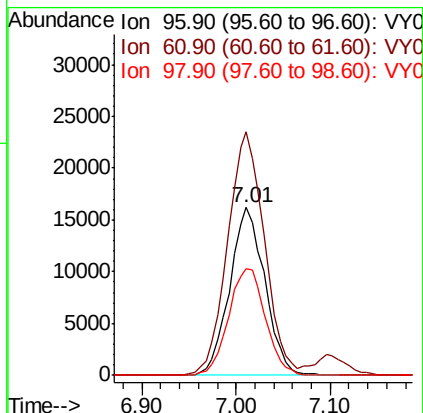
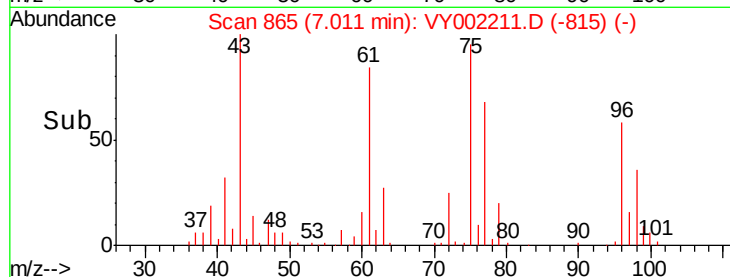
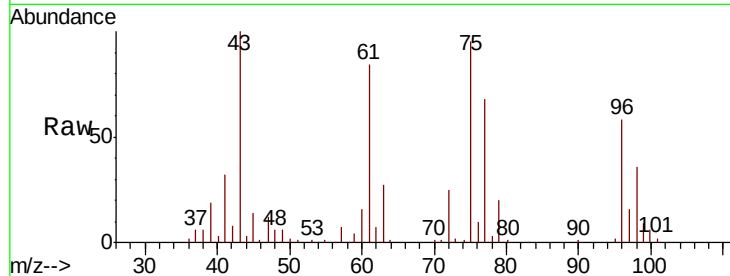


#27

cis-1,2-Dichloroethene
Concen: 20.529 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

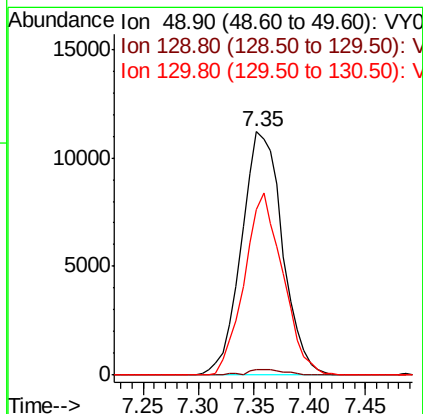
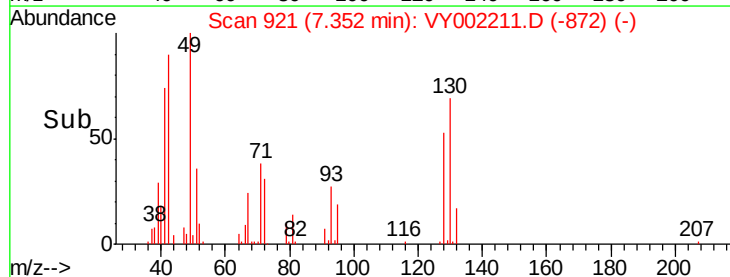
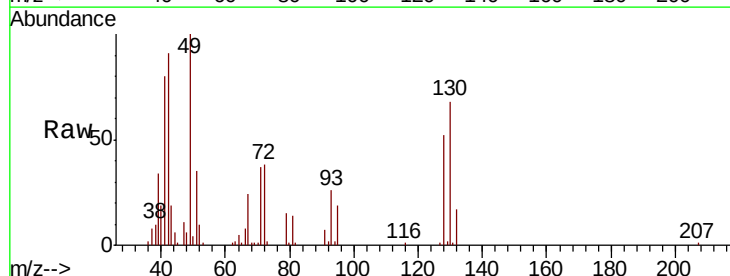
Tot Ion: 96 Resp: 42114
Ion Ratio Lower Upper
96 100
61 151.1 0.0 290.6
98 66.5 0.0 128.0

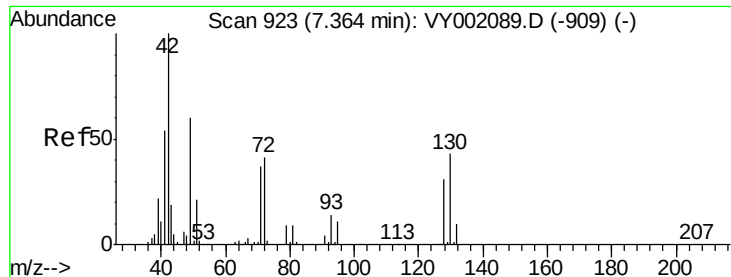


#28

Bromochloromethane
Concen: 19.274 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion: 49 Resp: 28705
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.4
130 70.2 54.1 81.1

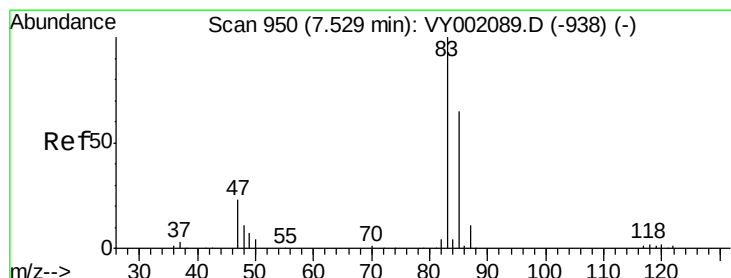
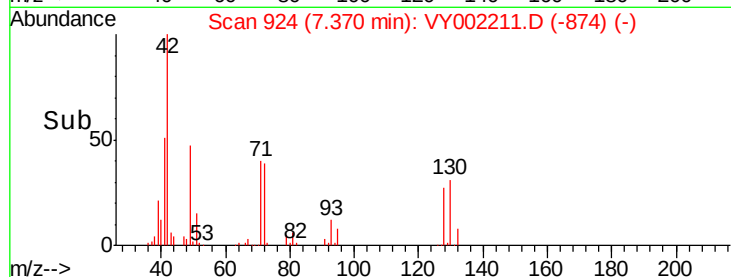
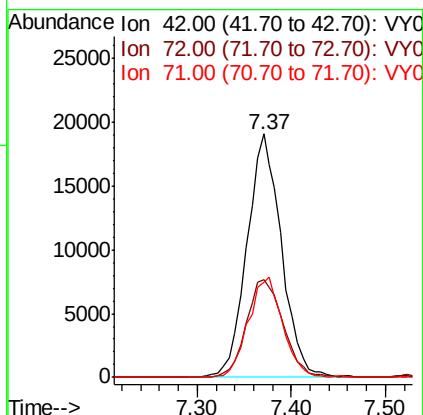
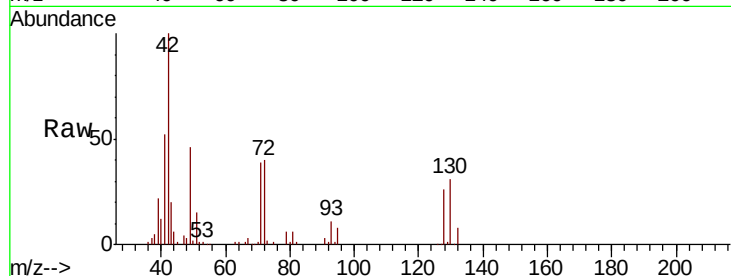




#29
Tetrahydrofuran
Concen: 103.682 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

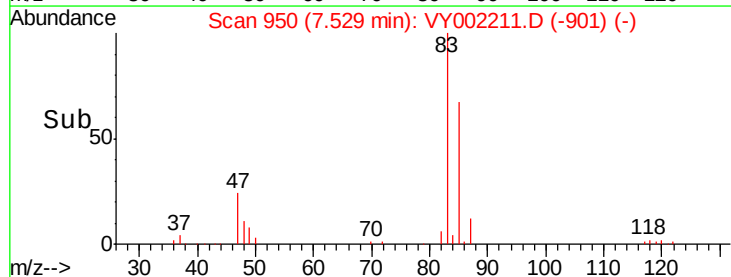
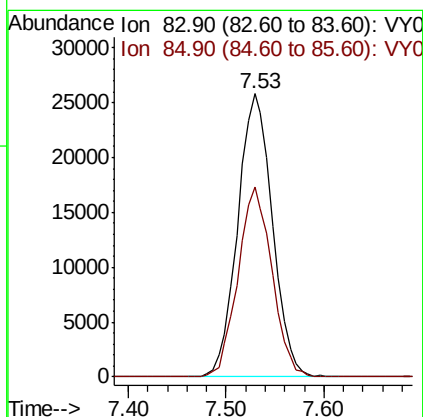
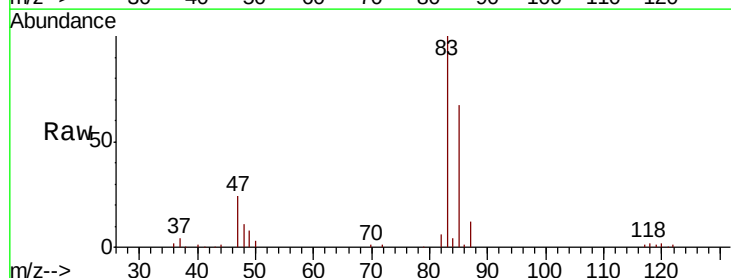
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

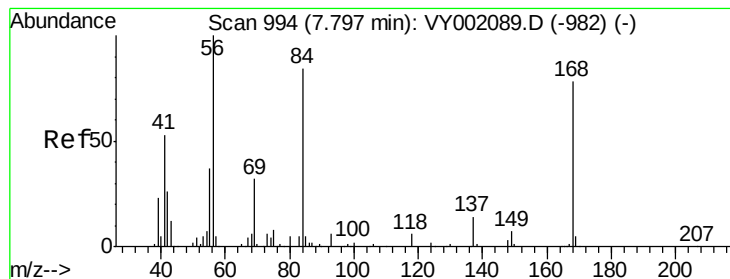
Tot Ion: 42 Resp: 48930
Ion Ratio Lower Upper
42 100
72 42.9 33.0 49.4
71 40.9 31.2 46.8



#30
Chloroform
Concen: 20.490 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion: 83 Resp: 63358
Ion Ratio Lower Upper
83 100
85 67.0 52.4 78.6





#31

Cyclohexane

Concen: 20.573 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

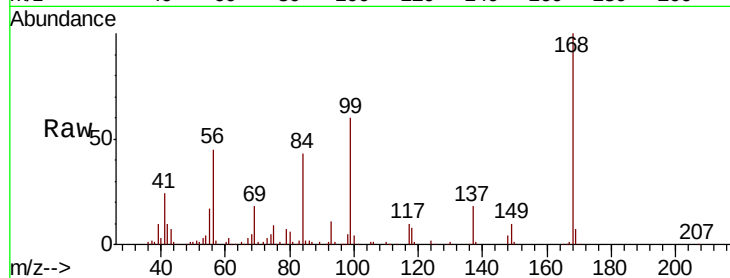
Tot Ion: 56 Resp: 71516

Ion Ratio Lower Upper

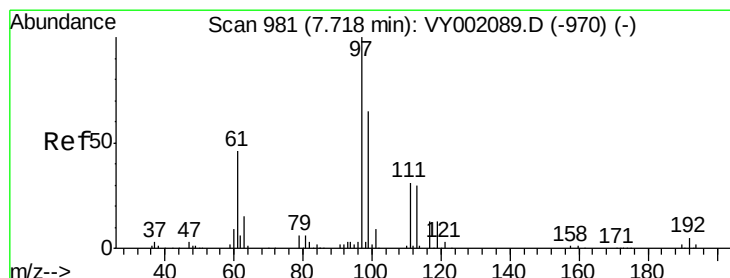
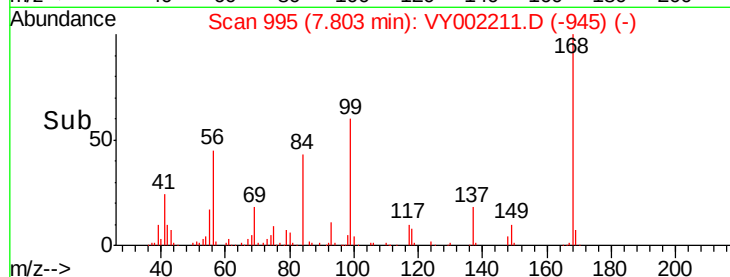
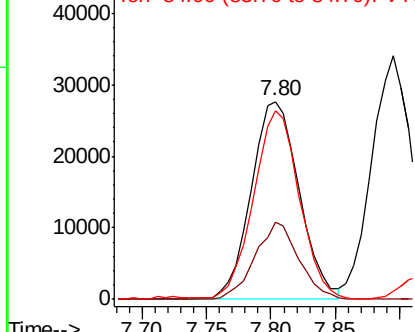
56 100

69 39.0 25.8 38.8#

84 94.0 67.1 100.7



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: 20.523 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

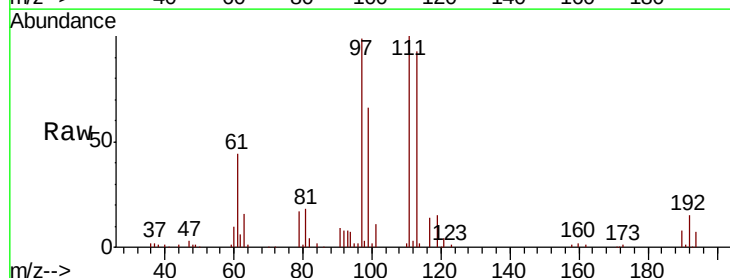
Tgt Ion: 97 Resp: 52985

Ion Ratio Lower Upper

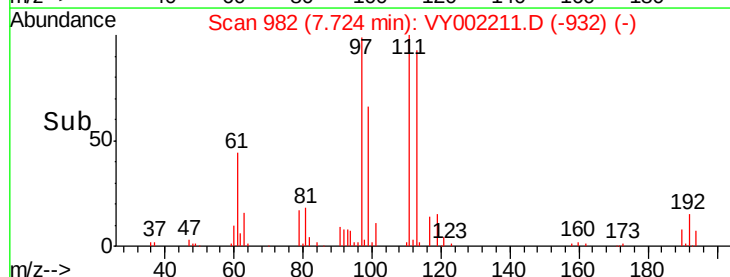
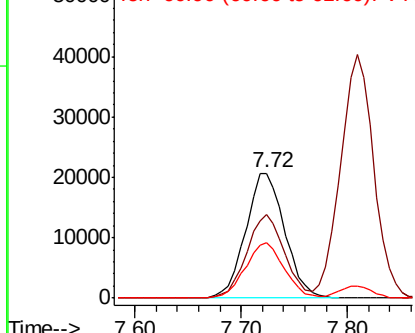
97 100

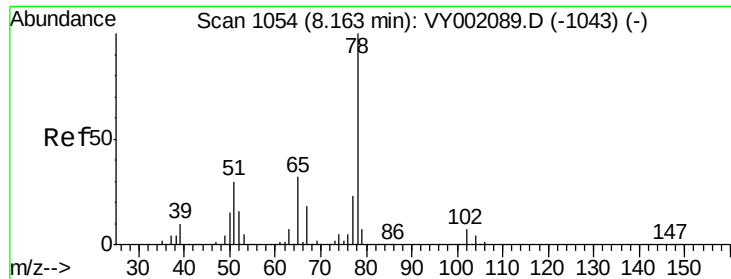
99 65.1 52.0 78.0

61 44.2 35.7 53.5



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

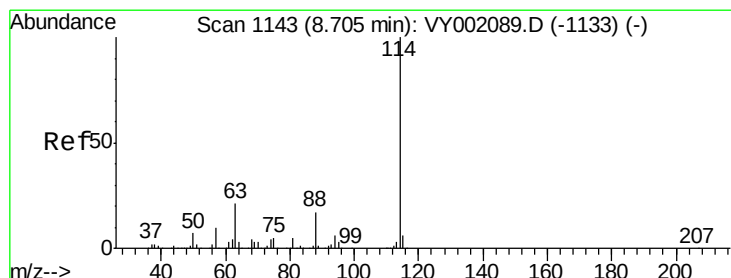
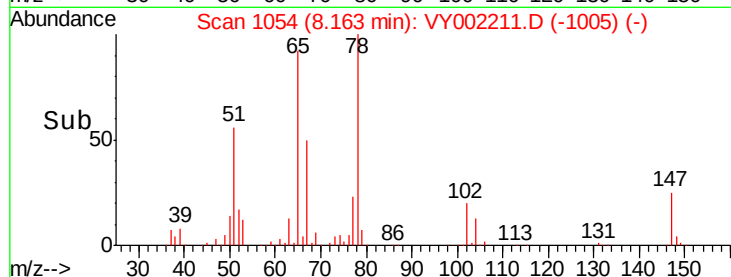
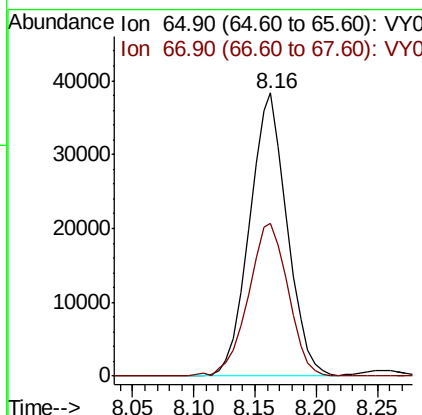
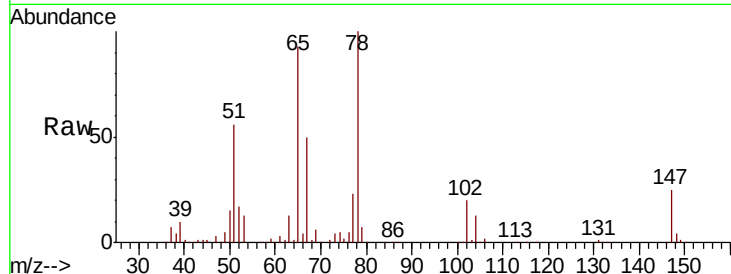




#33
 1,2-Dichloroethane-d4
 Concen: 48.908 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

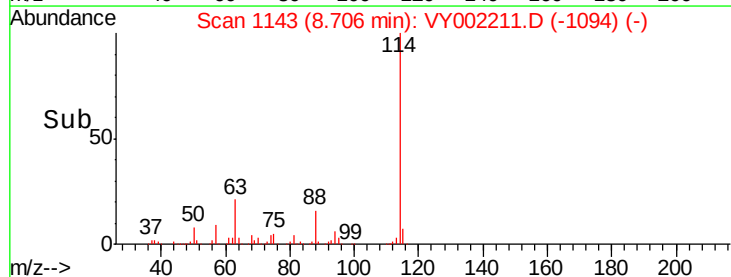
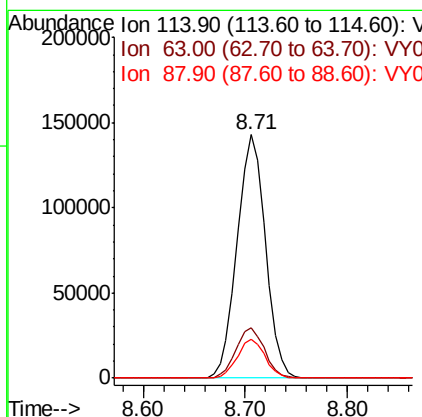
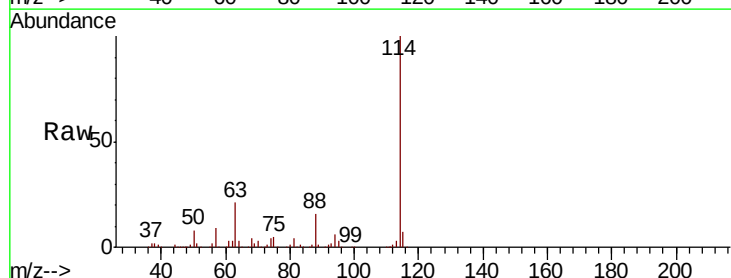
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

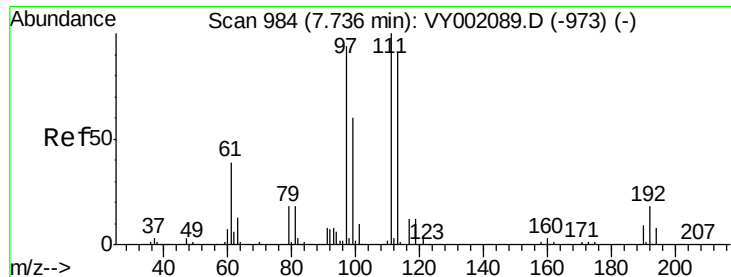
Tot Ion: 65 Resp: 81603
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Tgt Ion: 114 Resp: 275121
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.7 0.0 33.0

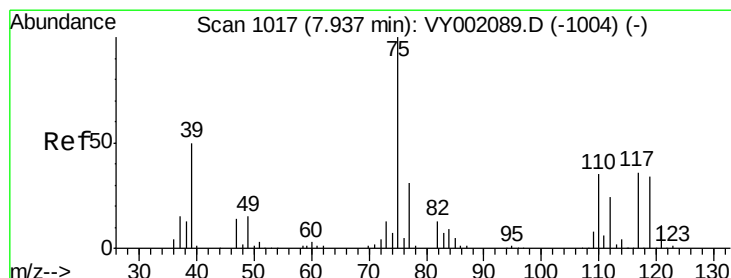
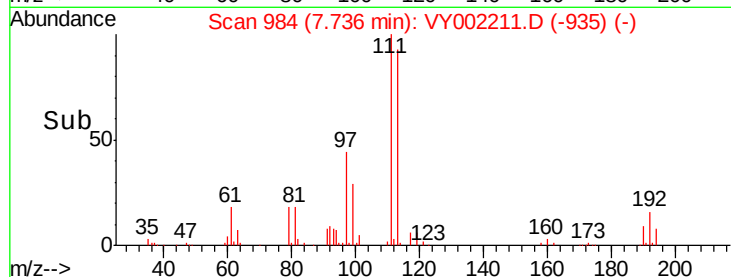
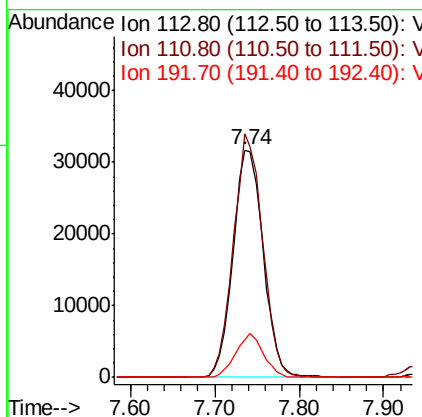
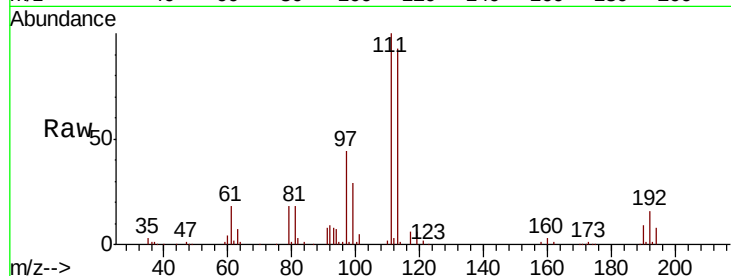




#35
 Dibromofluoromethane
 Concen: 49.704 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

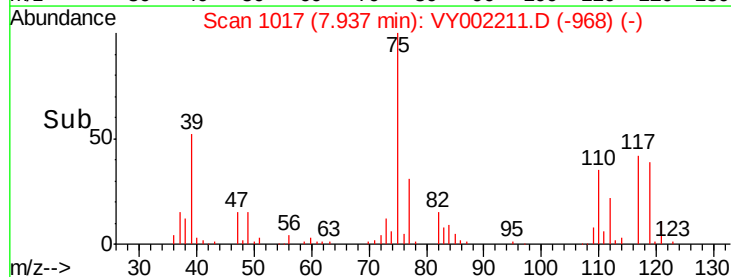
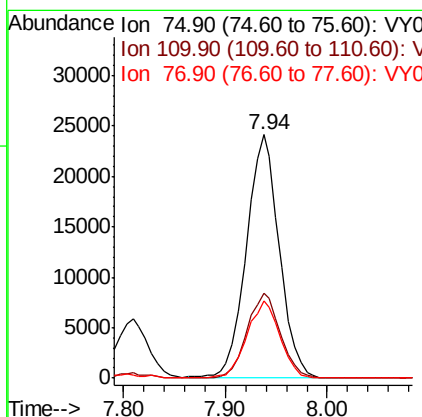
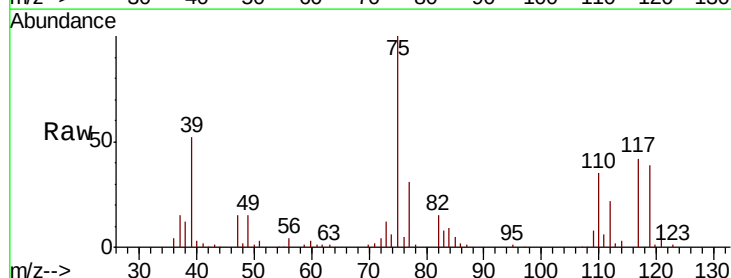
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

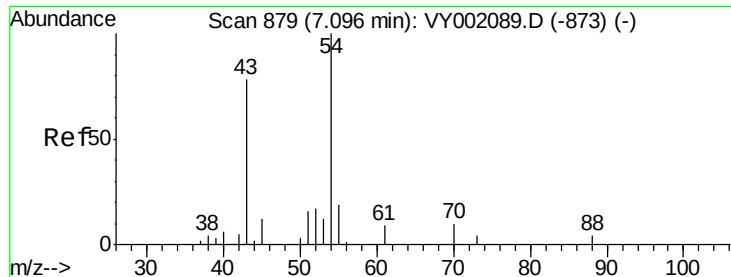
Tot Ion:113 Resp: 76621
 Ion Ratio Lower Upper
 113 100
 111 103.7 84.4 126.6
 192 17.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 20.836 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Tgt Ion: 75 Resp: 54220
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.2 51.6
 77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 20.994 ug/l

RT: 7.10 min Scan# 879

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

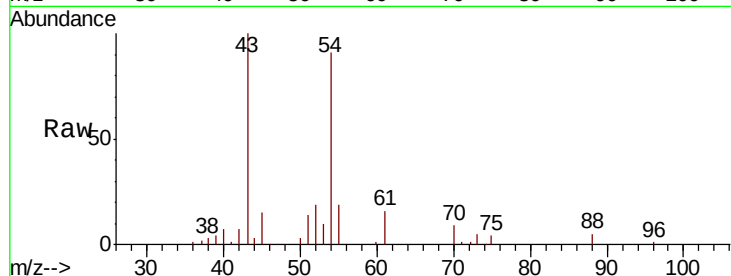
Tot Ion: 43 Resp: 33015

Ion Ratio Lower Upper

43 100

61 12.7 11.2 16.8

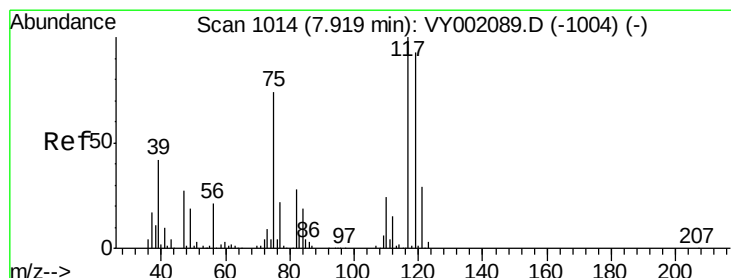
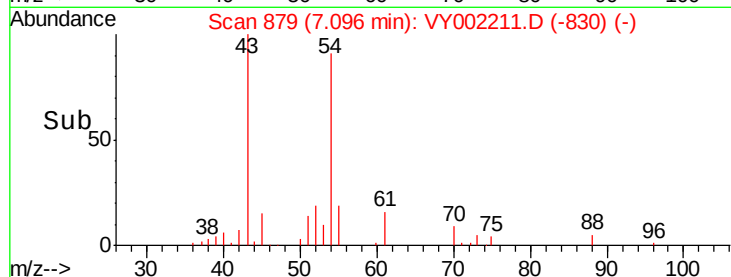
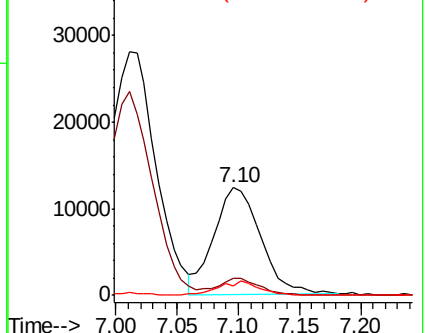
70 11.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VY002211.D (-830) (-)

Ion 60.90 (60.60 to 61.60): VY002211.D (-830) (-)

Ion 70.00 (69.70 to 70.70): VY002211.D (-830) (-)



#38

Carbon Tetrachloride

Concen: 20.938 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

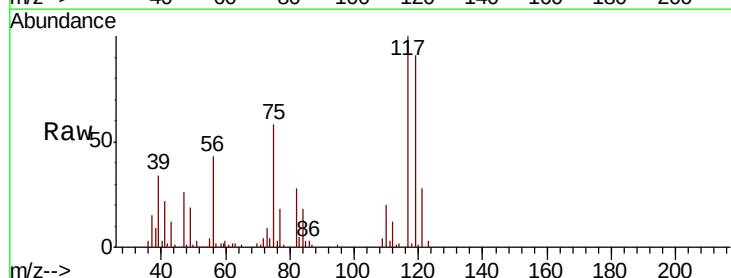
Tgt Ion: 117 Resp: 46228

Ion Ratio Lower Upper

117 100

119 91.3 74.3 111.5

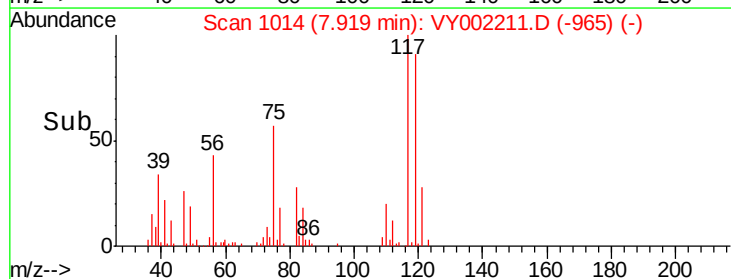
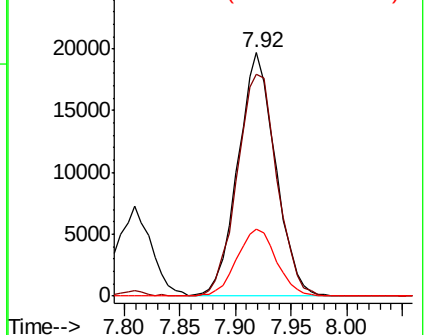
121 27.7 23.3 34.9

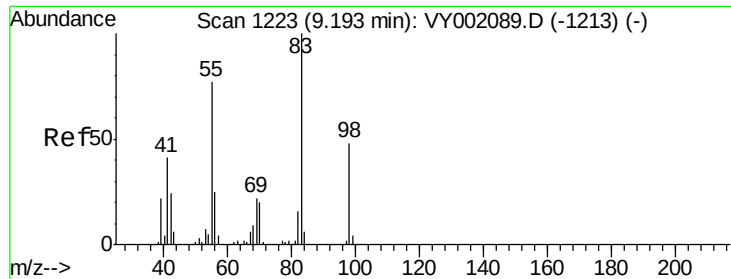


Abundance Ion 116.80 (116.50 to 117.50): VY002211.D (-965) (-)

Ion 118.80 (118.50 to 119.50): VY002211.D (-965) (-)

Ion 120.80 (120.50 to 121.50): VY002211.D (-965) (-)

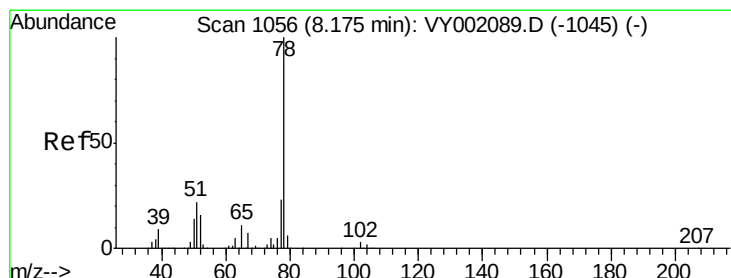
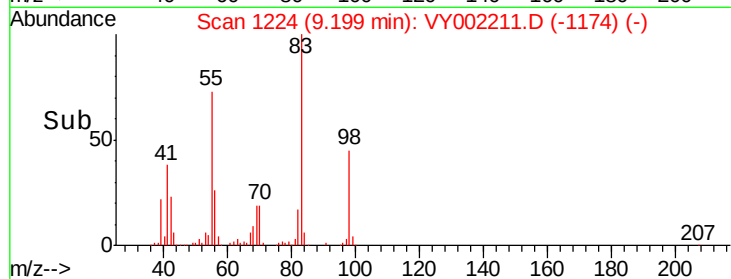
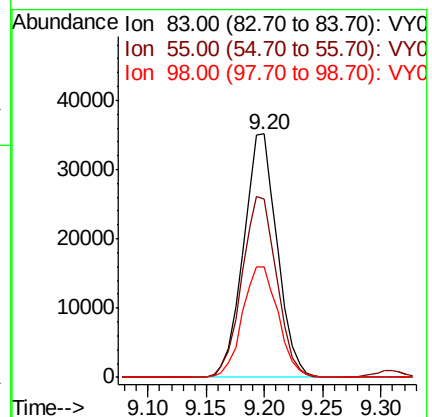
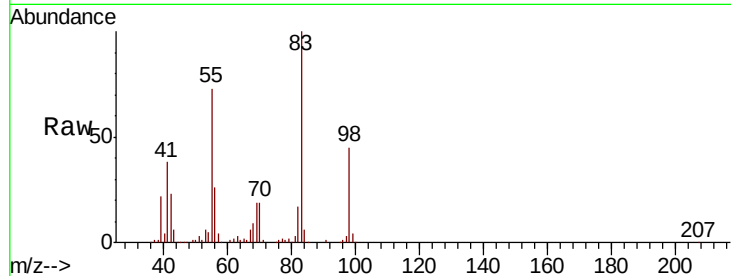




#39
Methylvlcyclohexane
Concen: 20.800 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

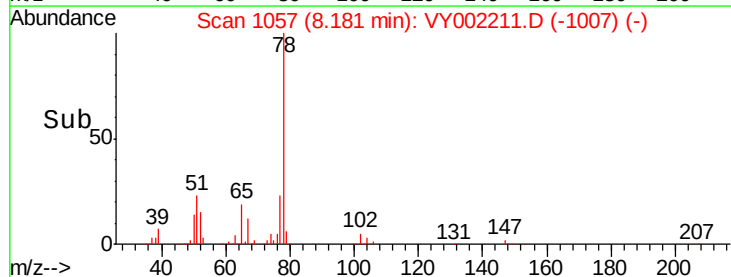
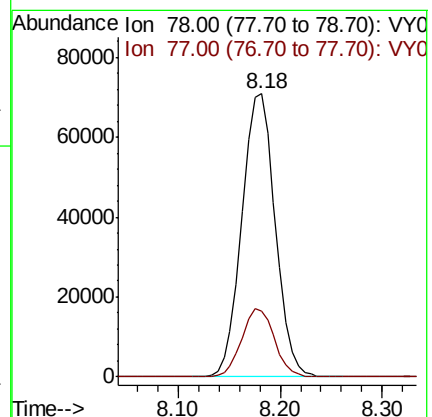
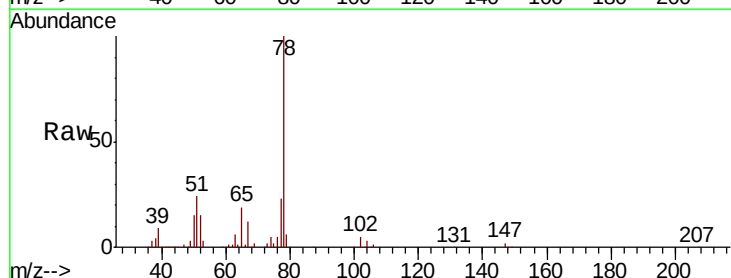
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

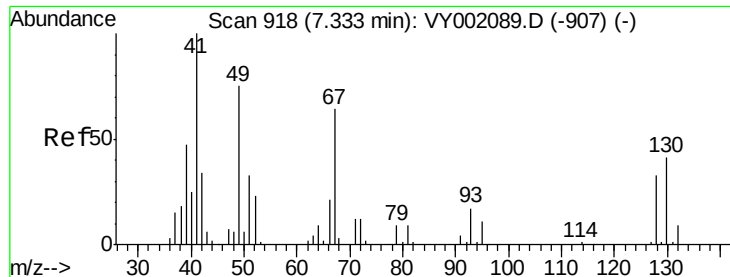
Tot Ion: 83 Resp: 70998
Ion Ratio Lower Upper
83 100
55 73.1 61.2 91.8
98 45.5 38.2 57.2



#40
Benzene
Concen: 20.856 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion: 78 Resp: 160761
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4

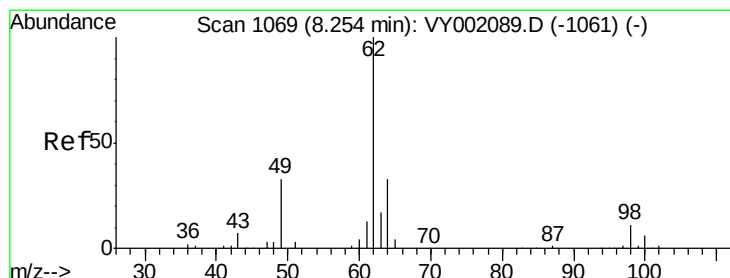
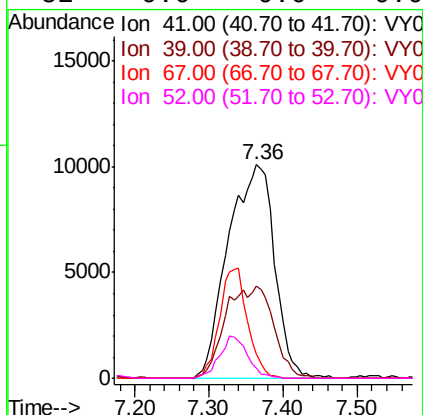
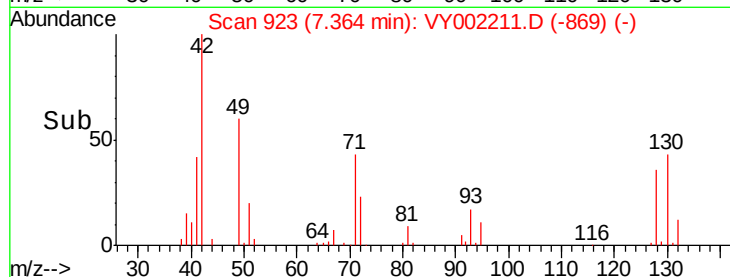
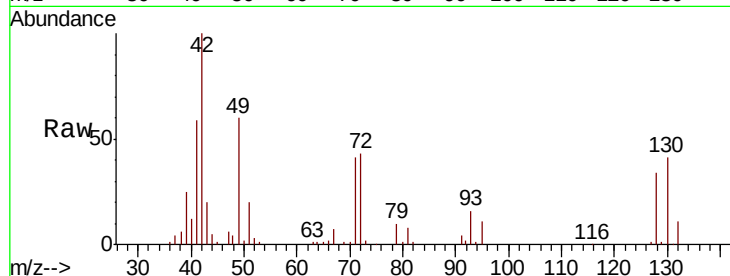




#41
Methacrylonitrile
Concen: 55.255 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

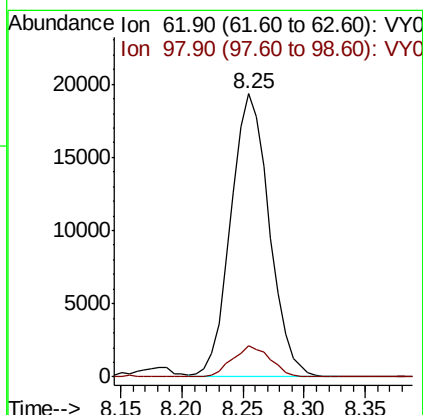
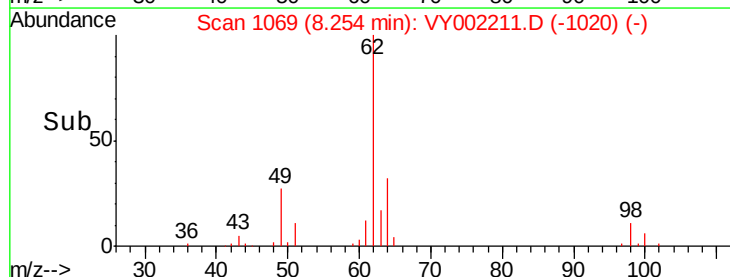
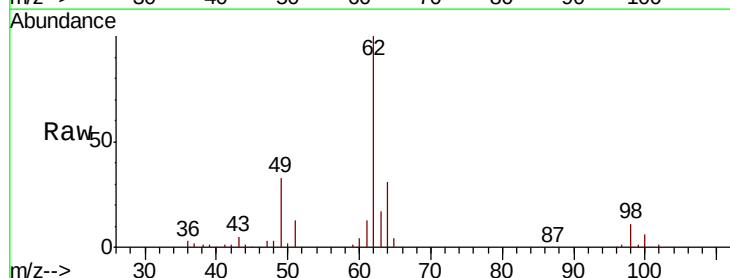
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

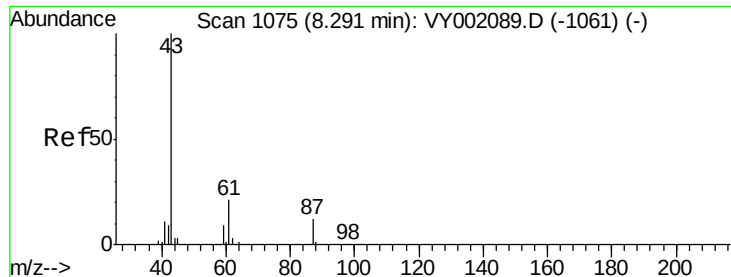
Tot Ion:	41	Resp:	43952
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.605 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion:	62	Resp:	42168
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.2



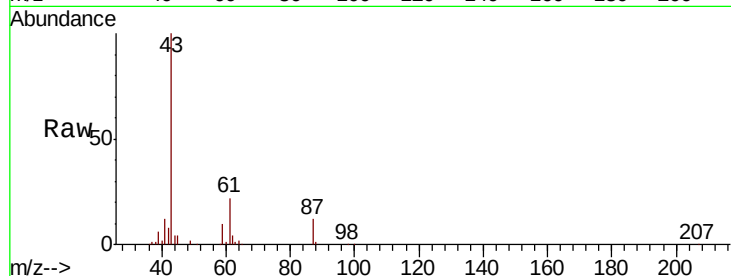


#43

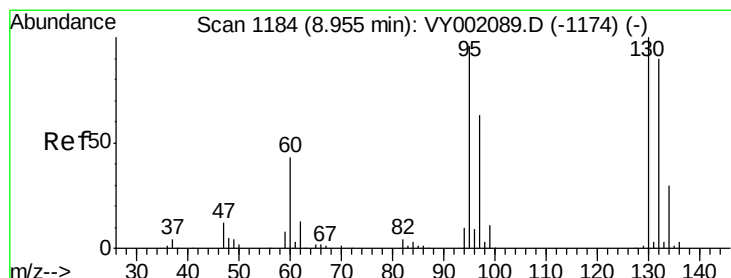
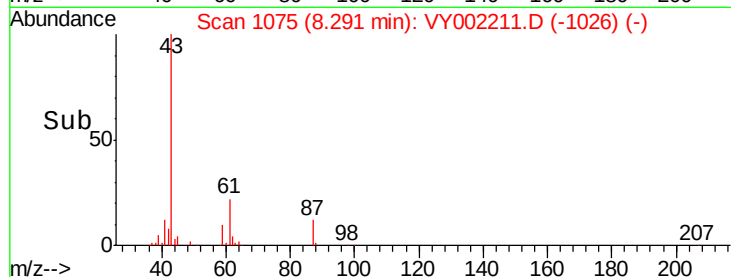
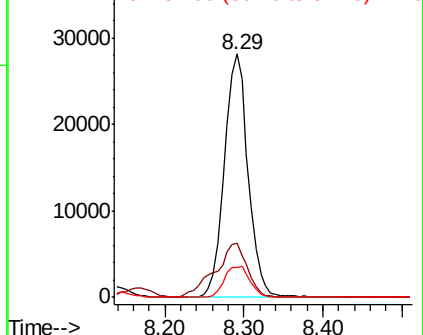
Isopropyl Acetate
 Concen: 20.198 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Tot Ion	43	Resp	58952
Ion Ratio	Lower	Upper	
43	100		
61	29.8	23.4	35.2
87	13.6	10.2	15.4



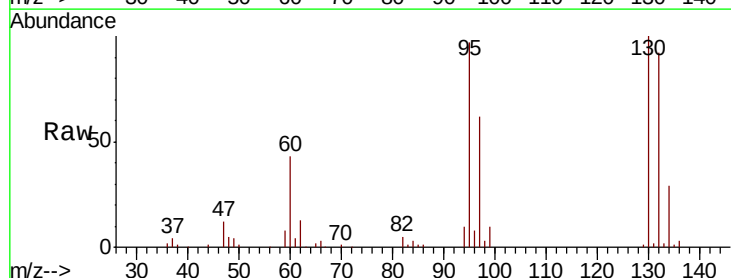
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



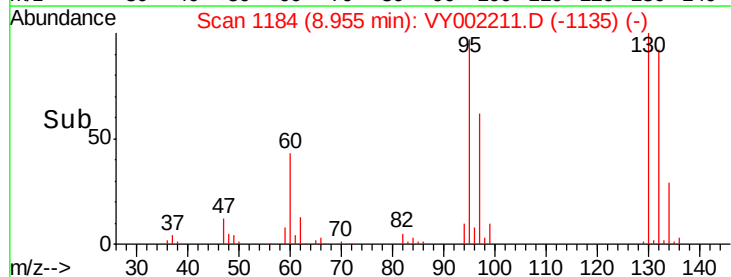
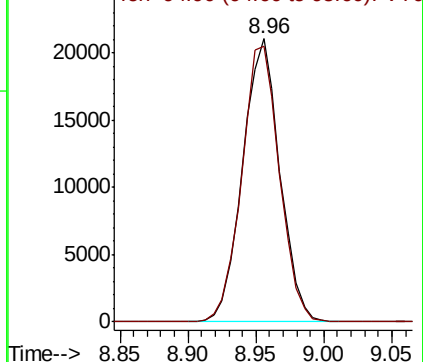
#44

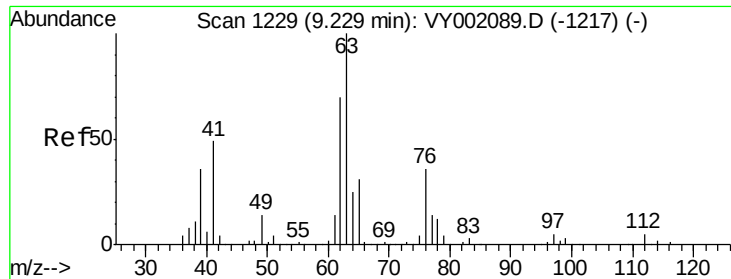
Trichloroethene
 Concen: 21.636 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Tgt Ion	130	Resp	40202
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
130	100		
95	97.2	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0

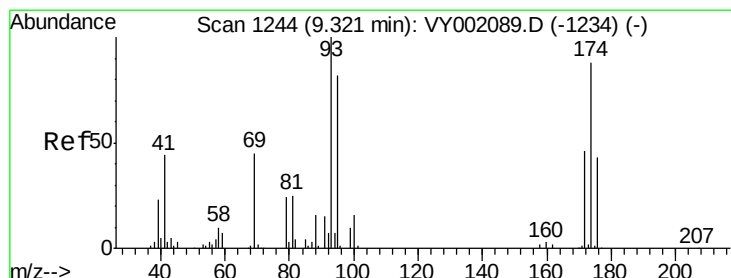
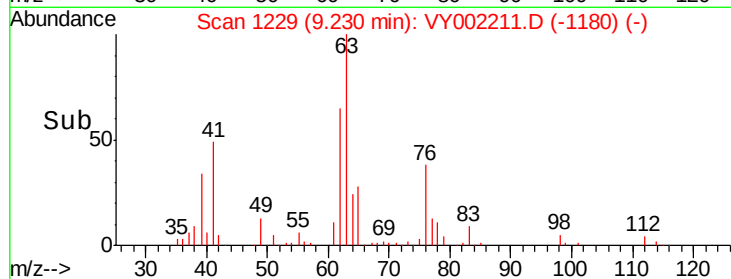
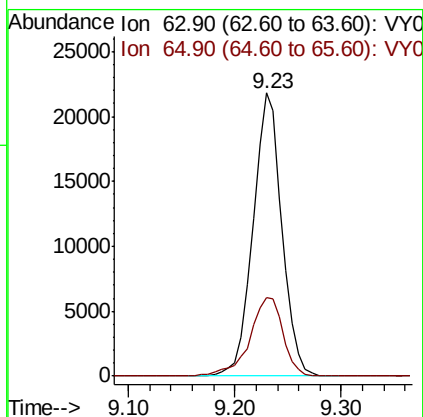
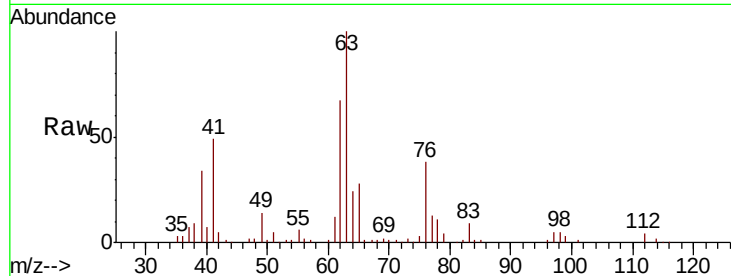




#45
 1,2-Dichloropropane
 Concen: 21.050 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

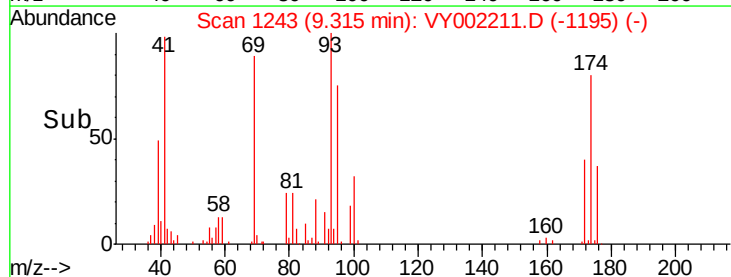
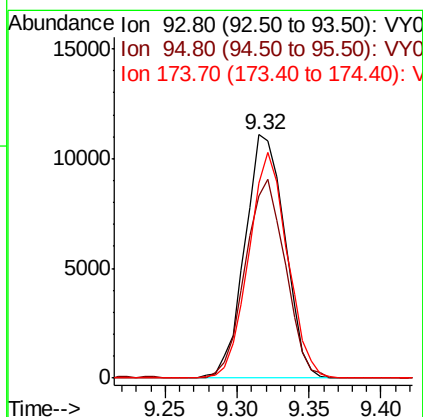
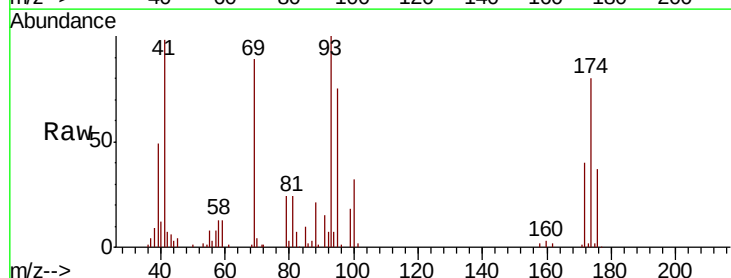
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

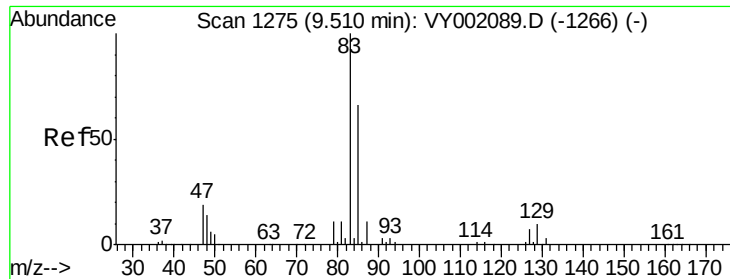
Tot Ion: 63 Resp: 41314
 Ion Ratio Lower Upper
 63 100
 65 27.9 25.0 37.6



#46
 Dibromomethane
 Concen: 21.083 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Tgt Ion: 93 Resp: 21251
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.0 99.0
 174 89.8 69.8 104.8





#47

Bromodichloromethane

Concen: 20.858 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

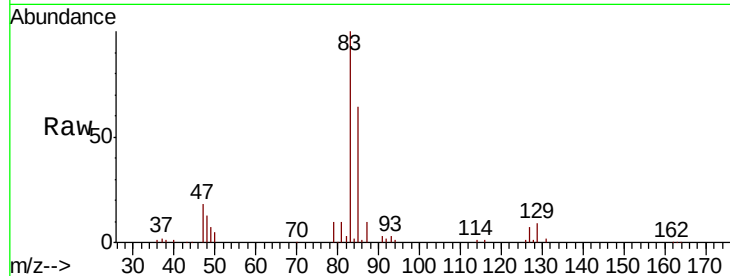
Tot Ion: 83 Resp: 48943

Ion Ratio Lower Upper

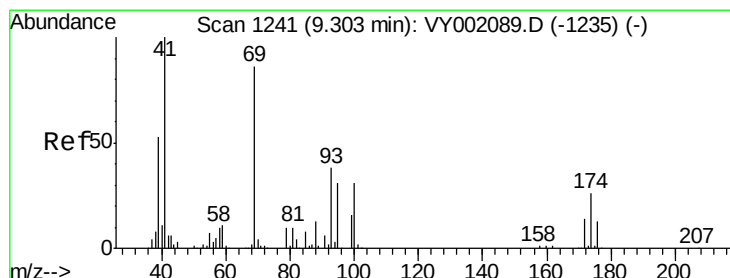
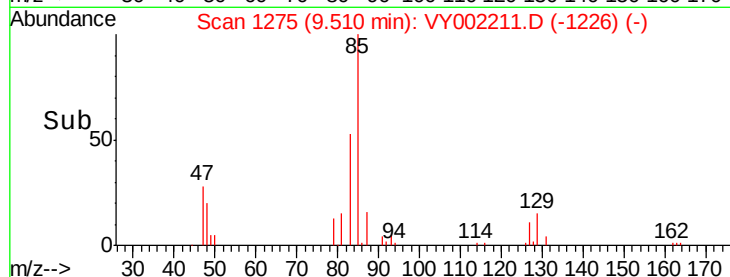
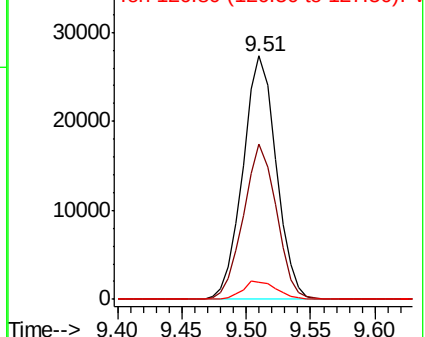
83 100

85 64.0 52.6 79.0

127 7.2 5.9 8.9



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): VY0



#48

Methyl methacrylate

Concen: 19.999 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

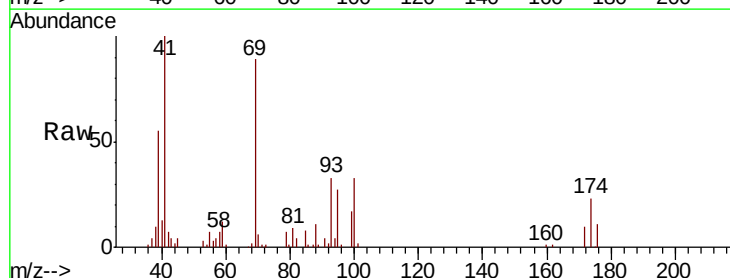
Tgt Ion: 41 Resp: 26158

Ion Ratio Lower Upper

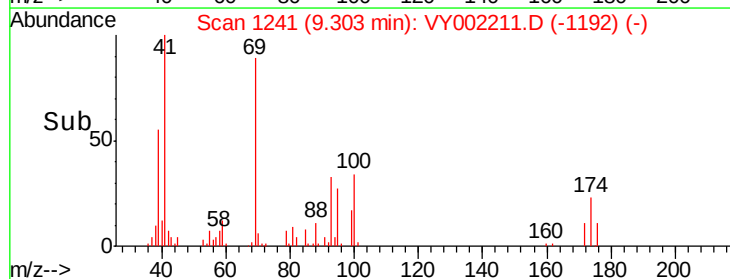
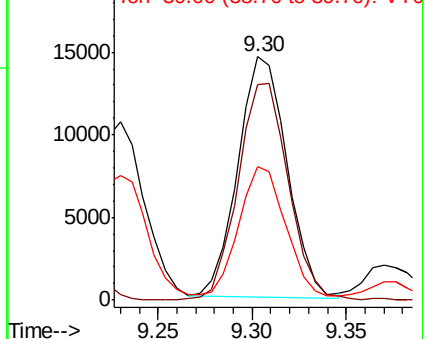
41 100

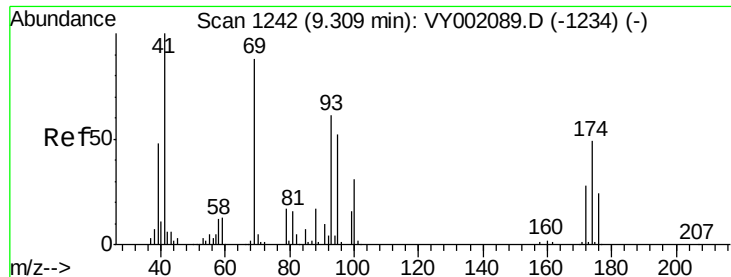
69 92.8 71.4 107.0

39 51.5 41.0 61.4



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

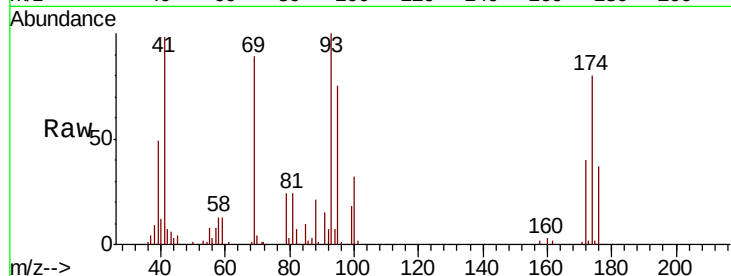




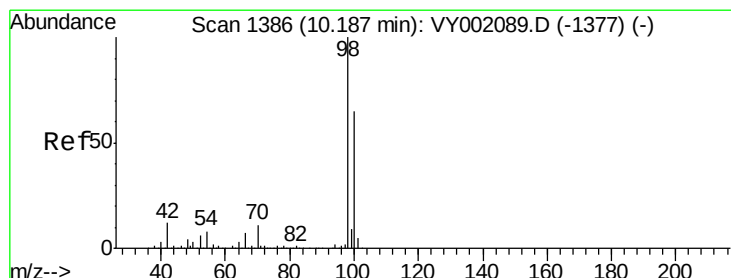
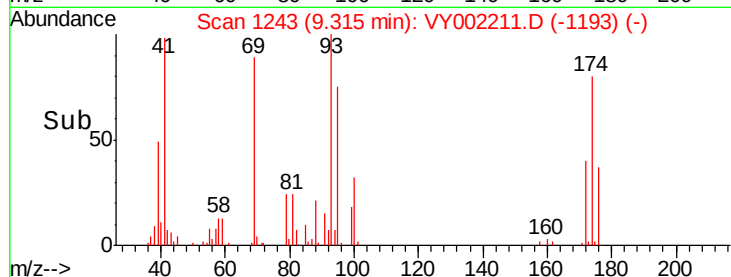
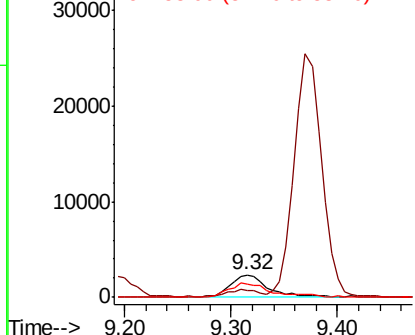
#49
1,4-Dioxane
Concen: 420.271 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

Tot Ion: 88 Resp: 5813
Ion Ratio Lower Upper
88 100
43 29.3 27.2 40.8
58 72.5 59.8 89.8

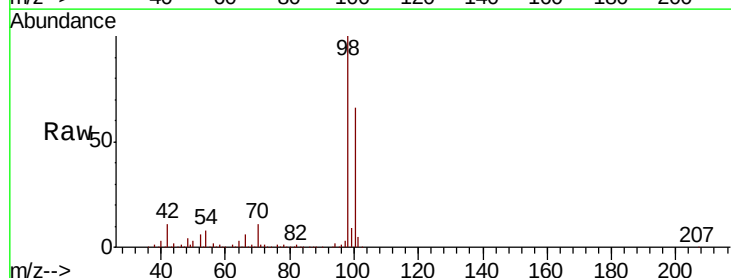


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

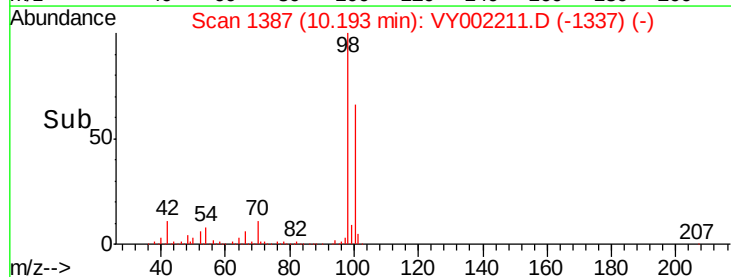
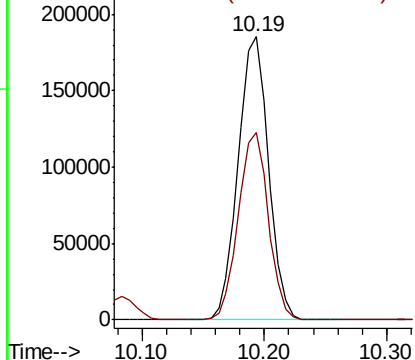


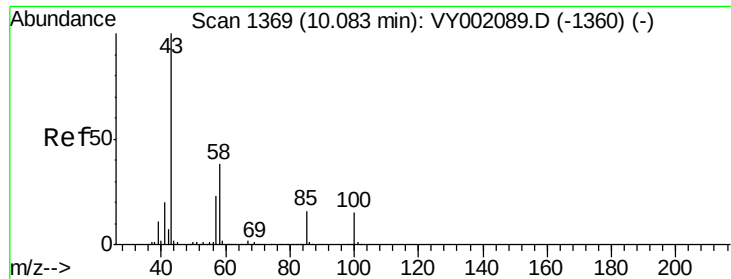
#50
Toluene-d8
Concen: 49.868 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion: 98 Resp: 319350
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4



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

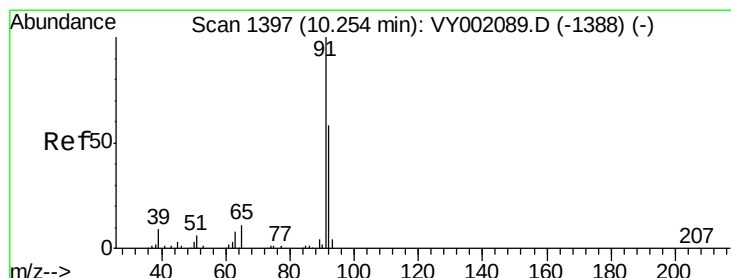
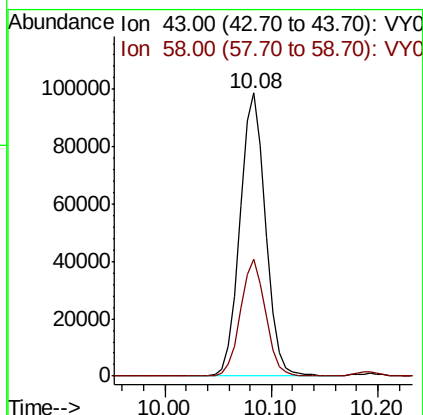
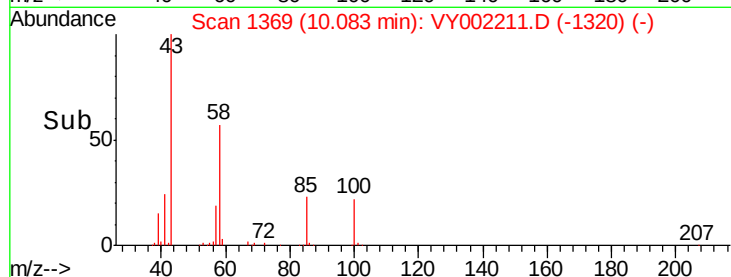
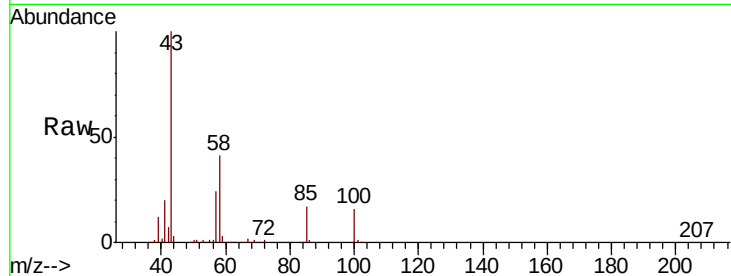




#51
 4-Methyl-2-Pentanone
 Concen: 110.900 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

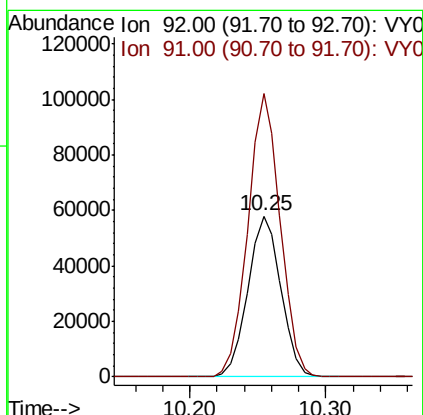
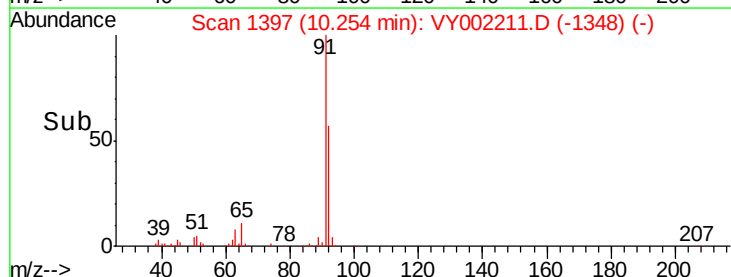
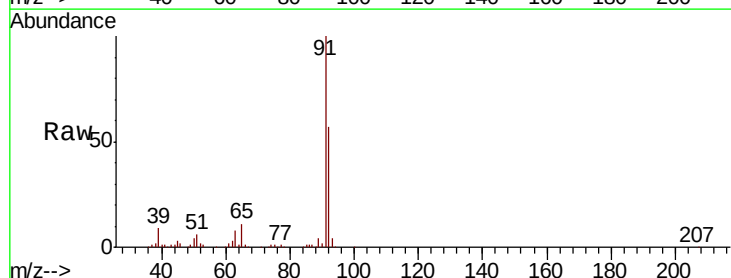
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

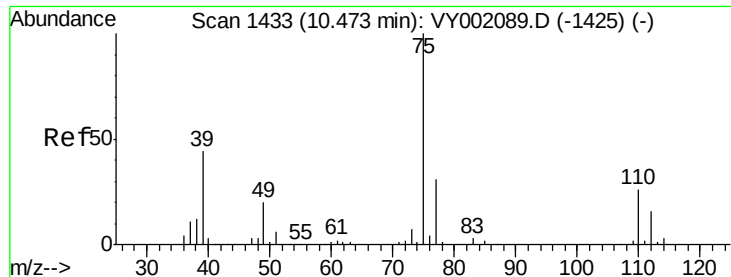
Tot Ion: 43 Resp: 166673
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.6 47.4



#52
 Toluene
 Concen: 21.111 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Tgt Ion: 92 Resp: 98421
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 20.274 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

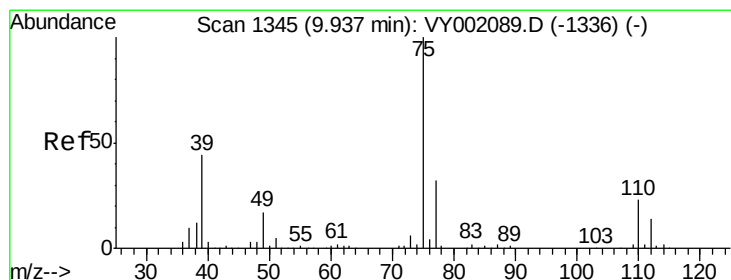
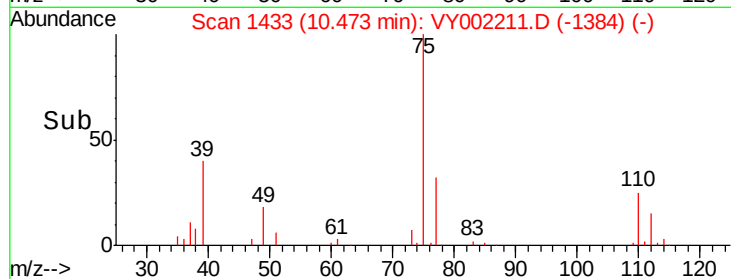
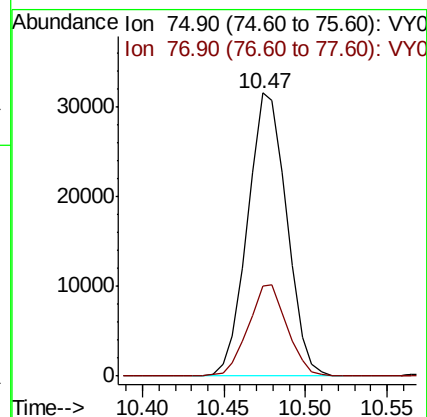
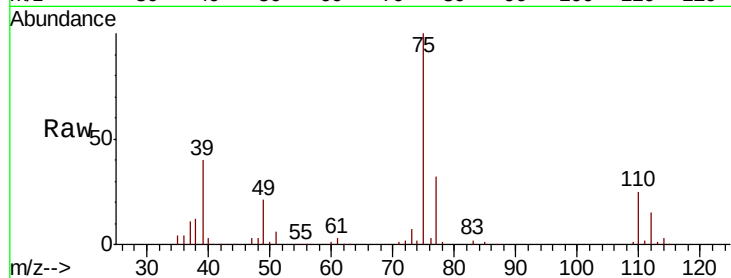
VY0403SBS01

Tot Ion: 75 Resp: 52802

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.684 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

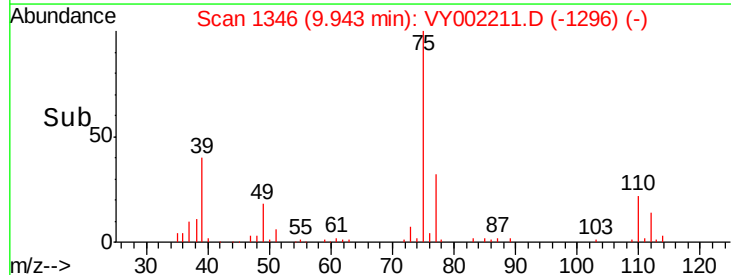
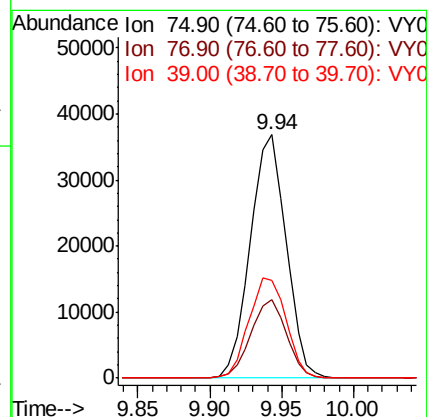
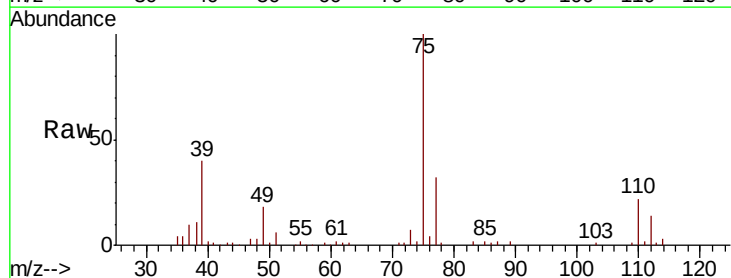
Tgt Ion: 75 Resp: 63424

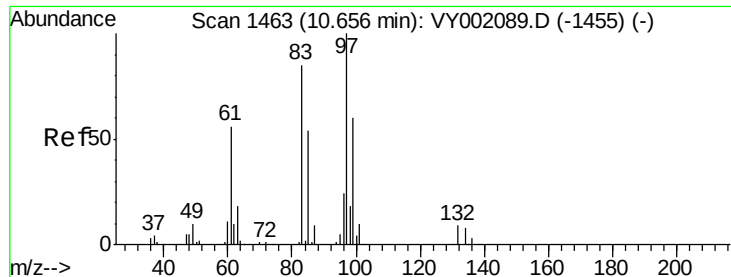
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 40.2 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 20.363 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

Tot Ion: 97 Resp: 30378

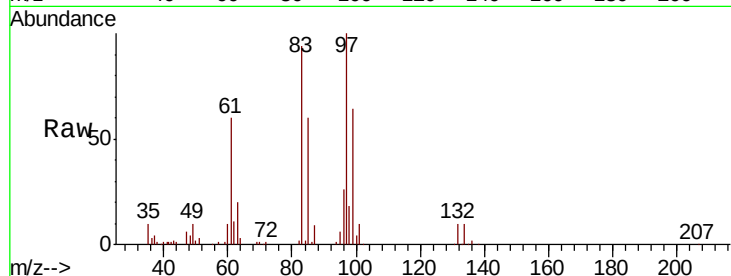
Ion Ratio Lower Upper

97 100

83 93.8 68.2 102.2

85 59.5 42.9 64.3

99 63.8 47.9 71.9

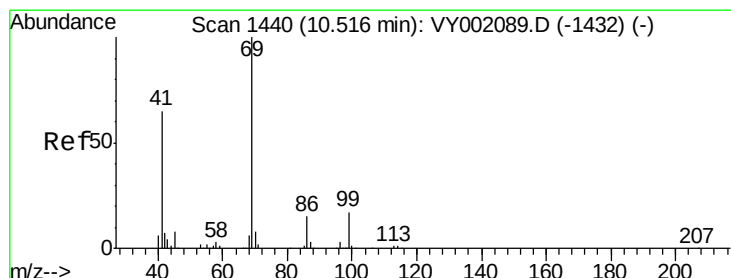
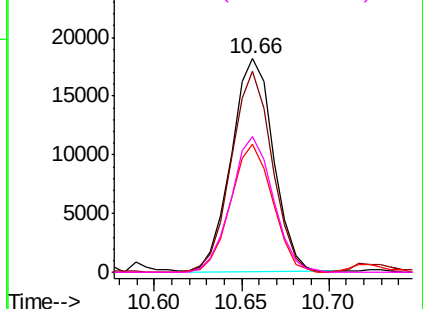
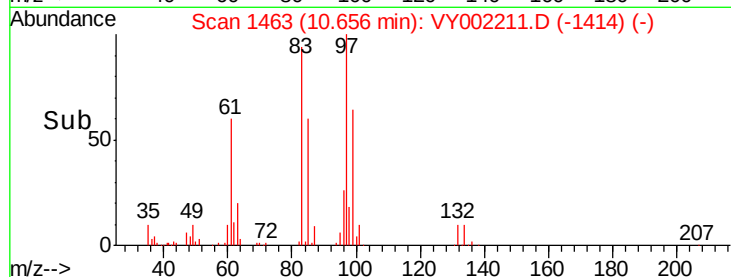


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.881 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

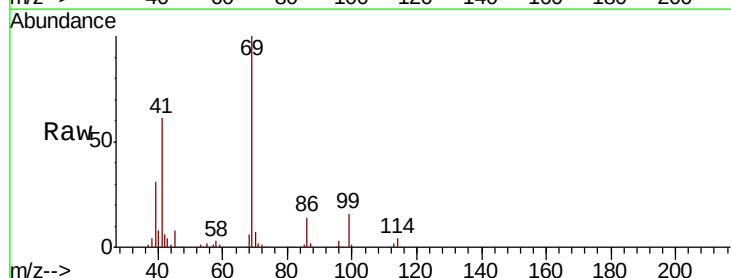
Tgt Ion: 69 Resp: 45497

Ion Ratio Lower Upper

69 100

41 60.8 52.8 79.2

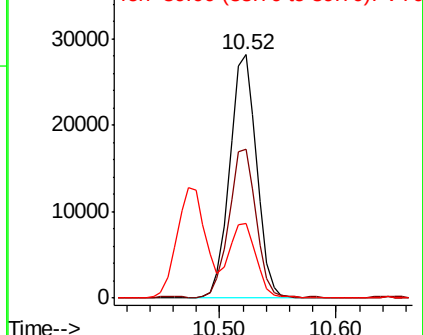
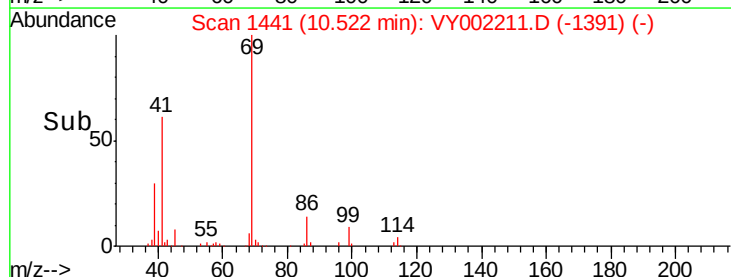
39 31.1 25.0 37.6

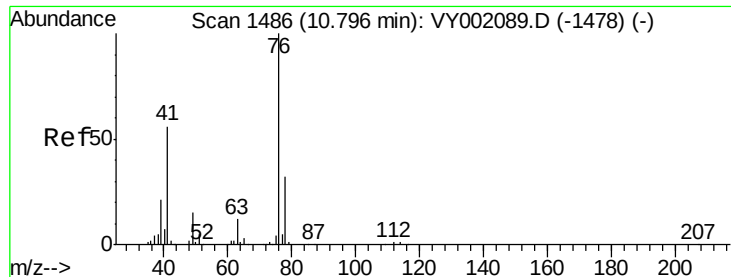


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 21.060 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

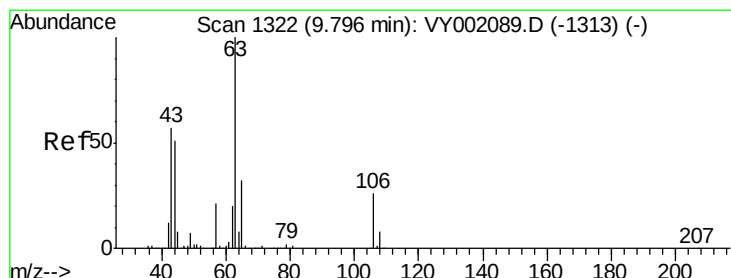
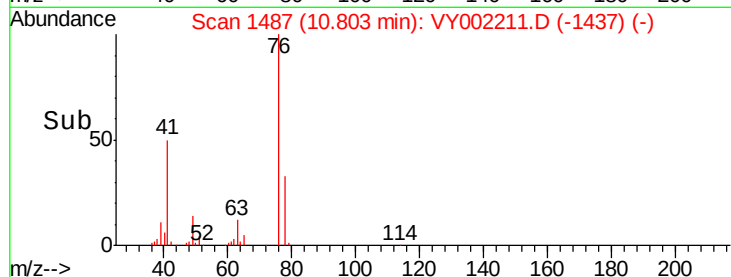
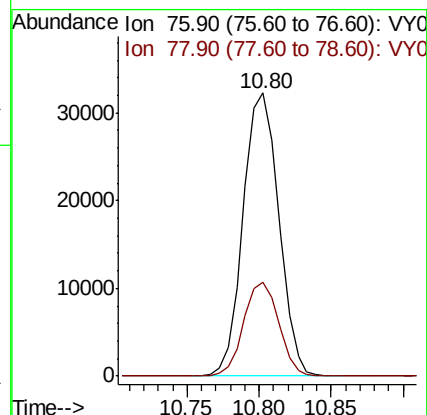
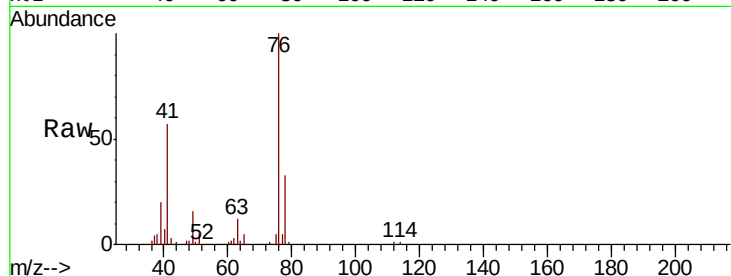
VY0403SBS01

Tot Ion: 76 Resp: 55508

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 103.329 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002211.D

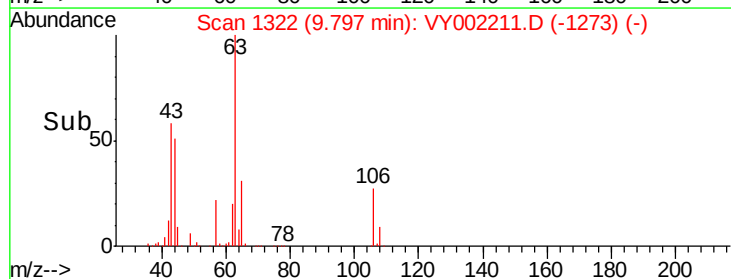
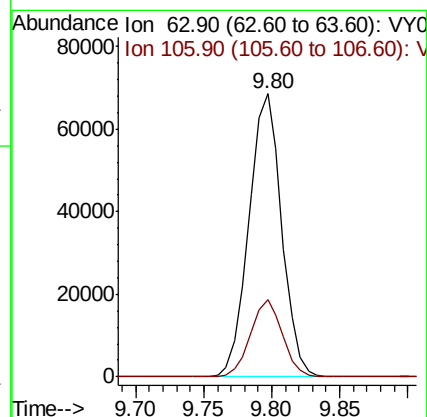
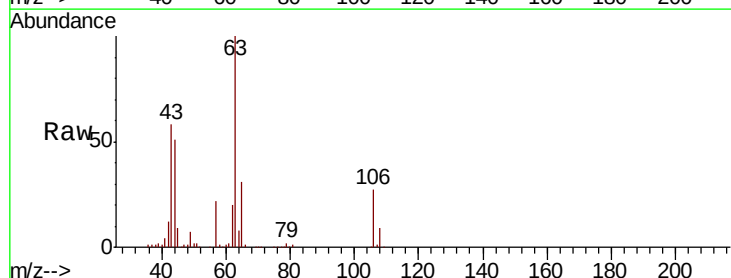
Acq: 03 Apr 2020 11:53

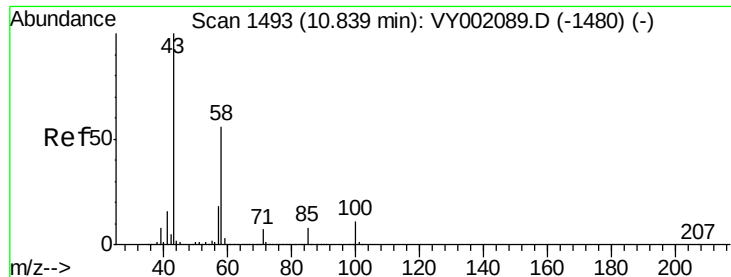
Tgt Ion: 63 Resp: 115688

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.4

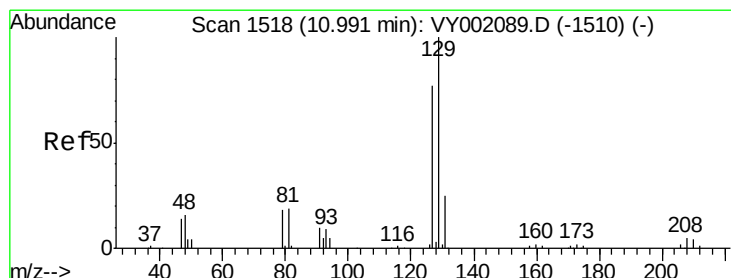
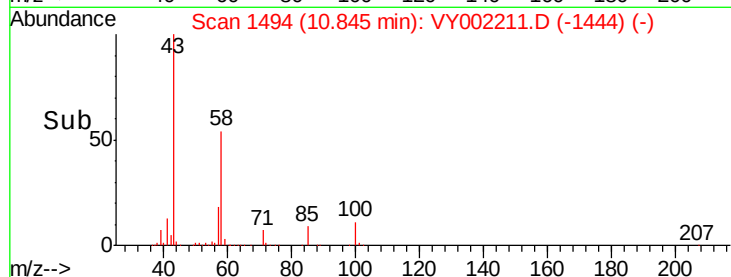
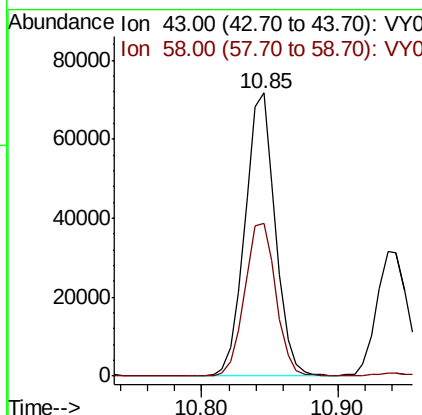
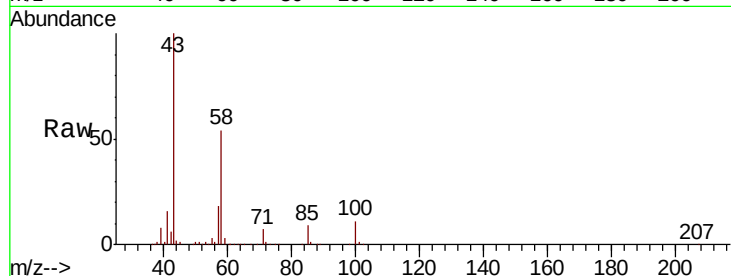




#59
2-Hexanone
Concen: 105.356 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

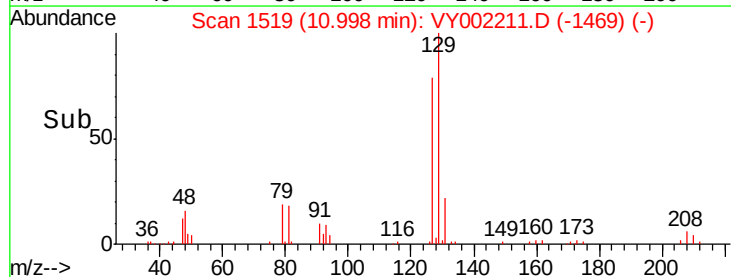
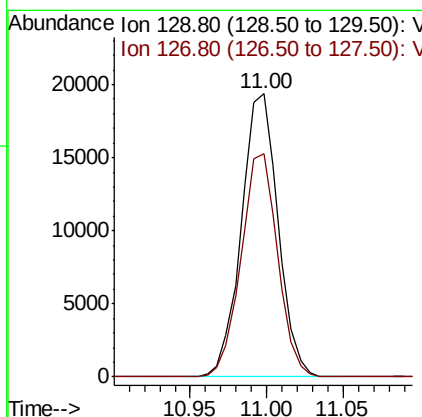
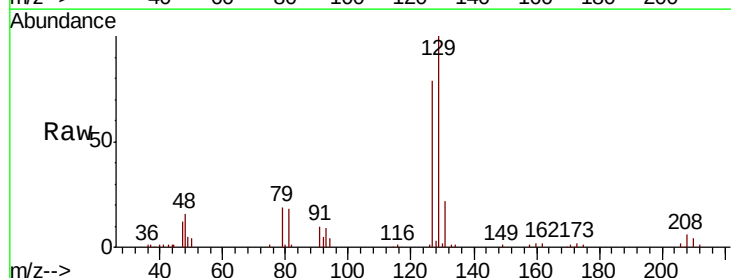
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

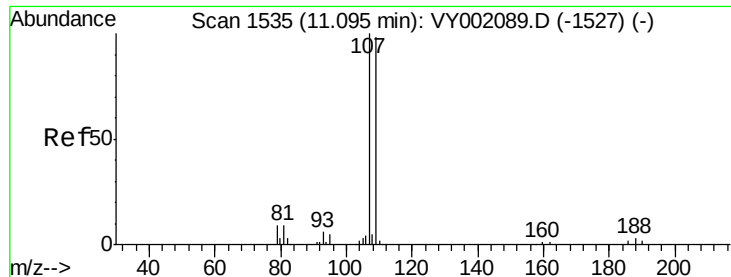
Tot Ion: 43 Resp: 111538
Ion Ratio Lower Upper
43 100
58 55.9 27.9 83.6



#60
Dibromochloromethane
Concen: 20.678 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion: 129 Resp: 32280
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1

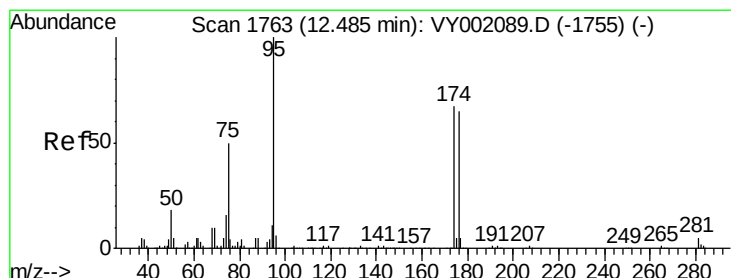
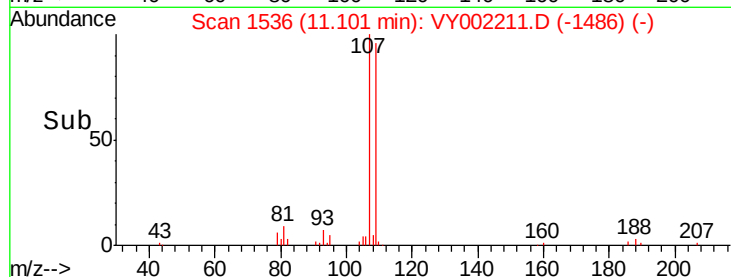
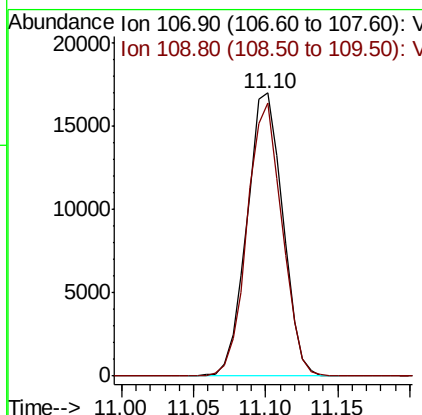
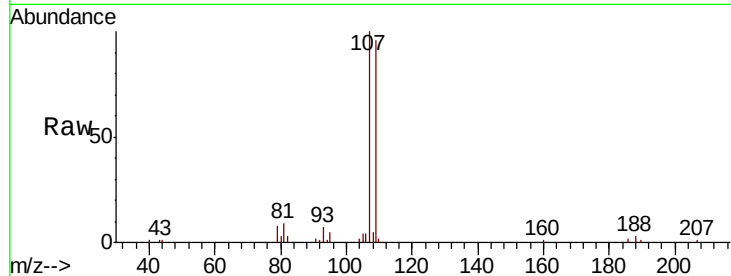




#61
 1,2-Dibromoethane
 Concen: 20.917 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

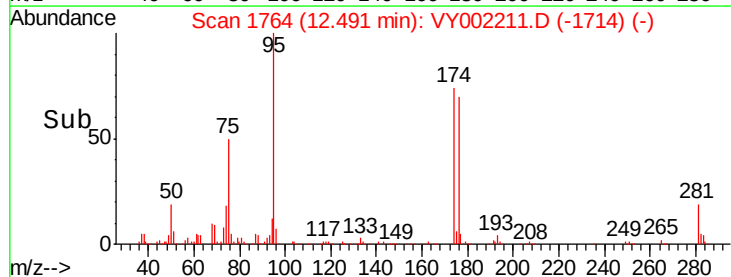
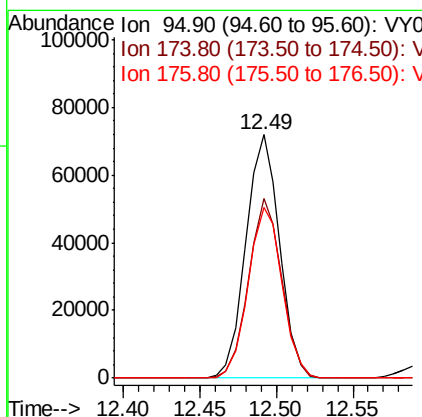
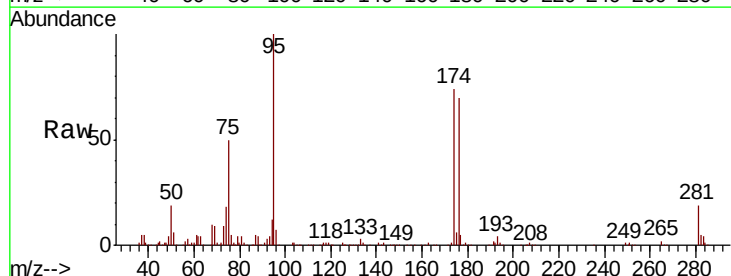
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

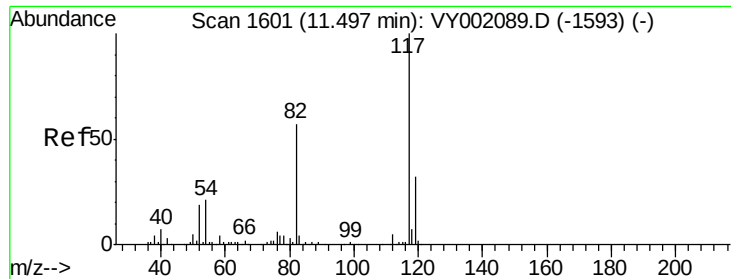
Tot Ion:107 Resp: 29207
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 49.131 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Tgt Ion: 95 Resp: 110037
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 143.4
 176 70.7 0.0 137.0

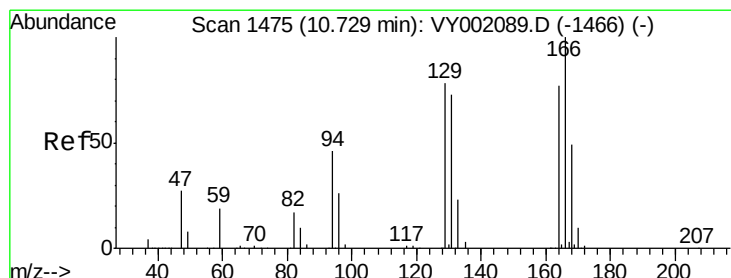
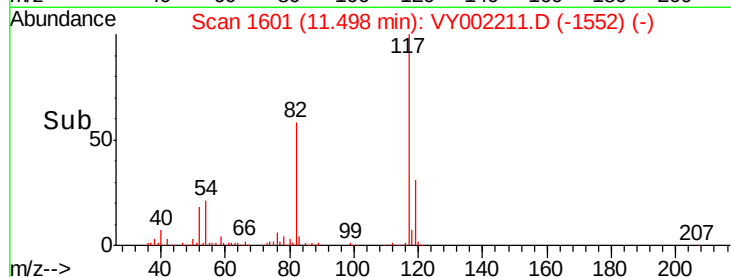
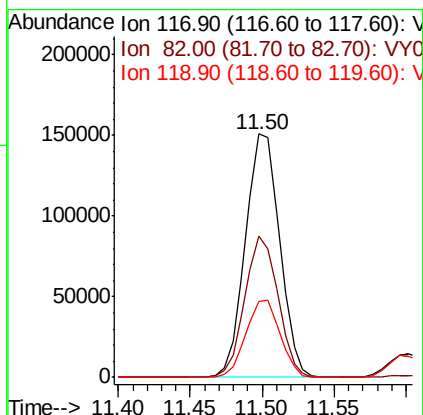
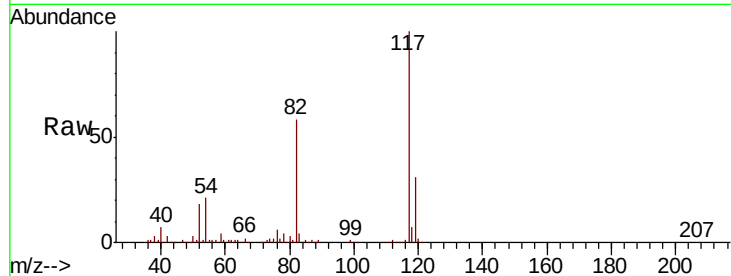




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

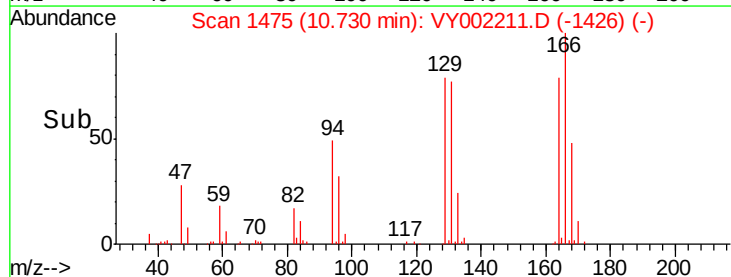
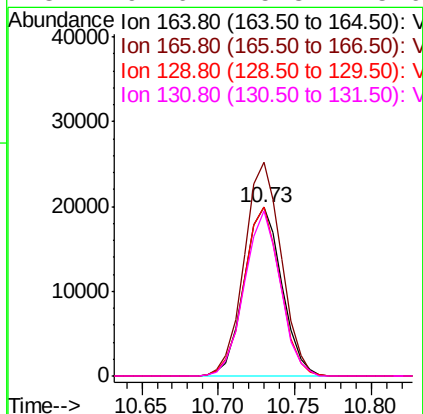
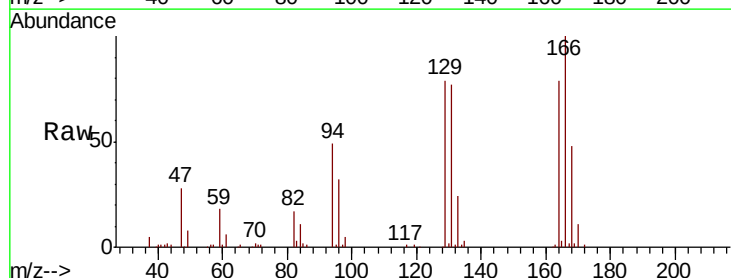
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

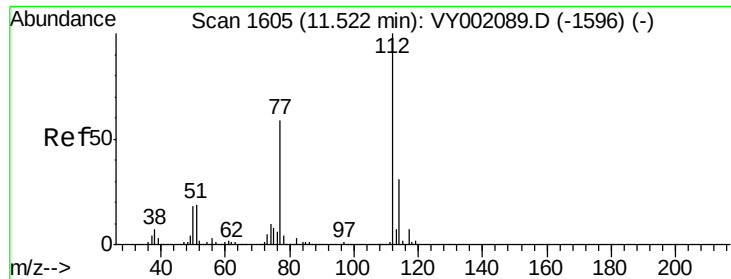
Tot Ion:117 Resp: 248731
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.2
119 31.1 25.3 37.9



#64
Tetrachloroethene
Concen: 22.404 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion:164 Resp: 34094
Ion Ratio Lower Upper
164 100
166 126.6 104.0 156.0
129 100.3 81.2 121.8
131 97.6 75.8 113.6

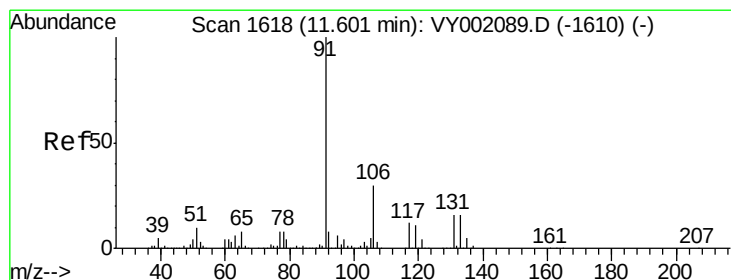
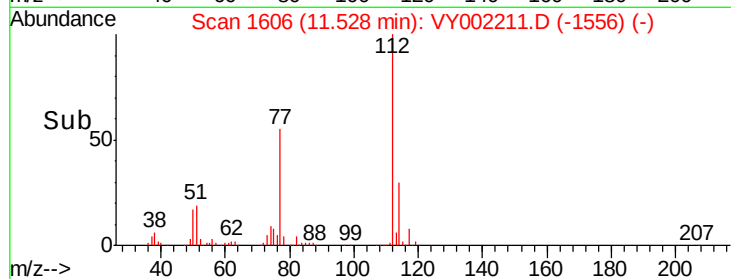
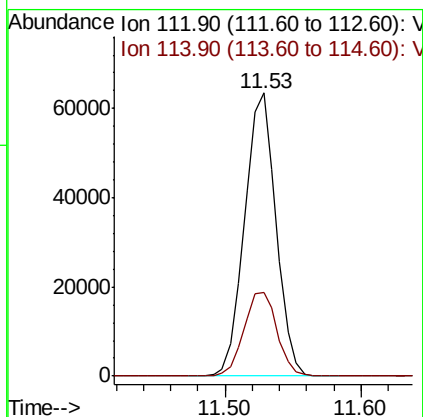
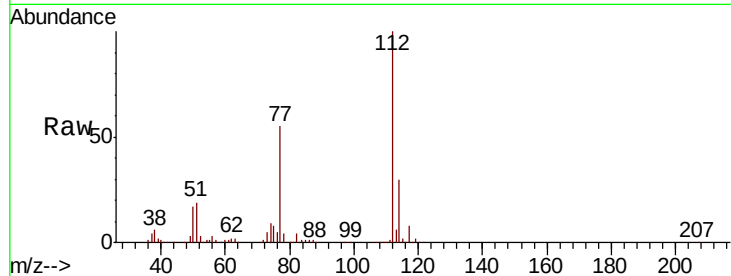




#65
Chlorobenzene
Concen: 21.342 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

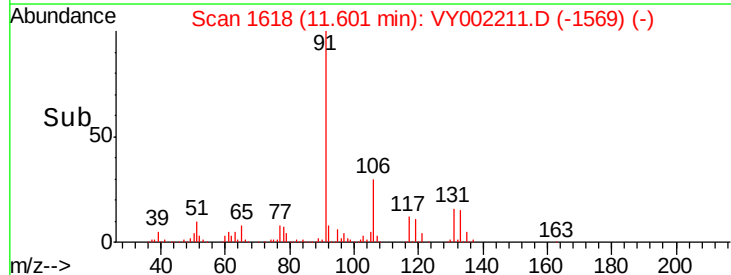
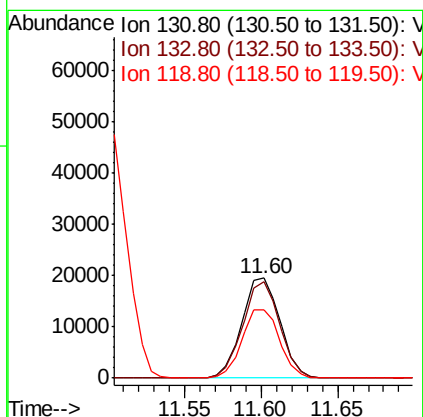
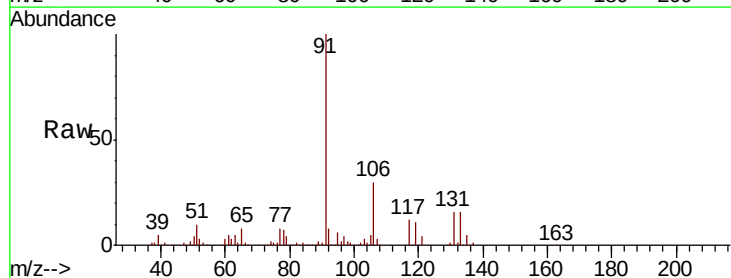
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

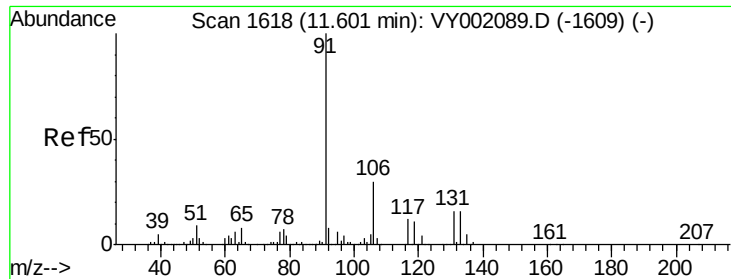
Tot Ion:112 Resp: 102469
Ion Ratio Lower Upper
112 100
114 29.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.108 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion:131 Resp: 33906
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.5
119 67.6 34.6 103.9

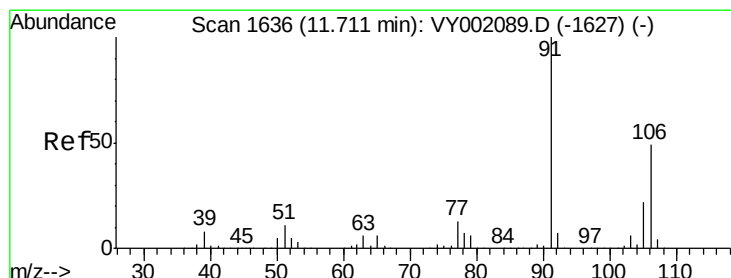
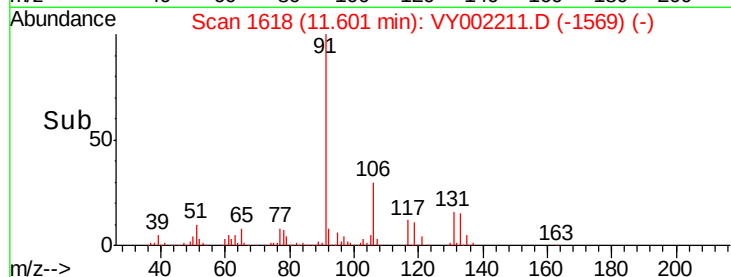
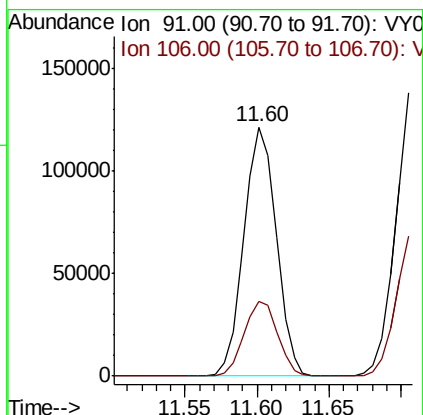
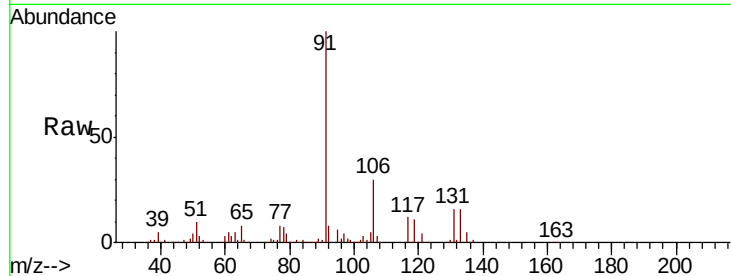




#67
Ethyl Benzene
Concen: 21.199 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

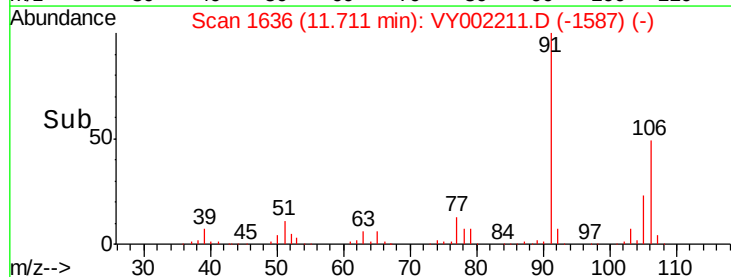
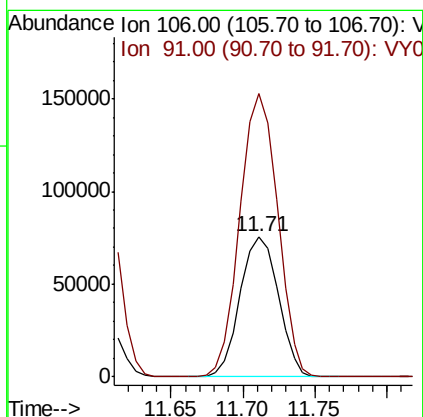
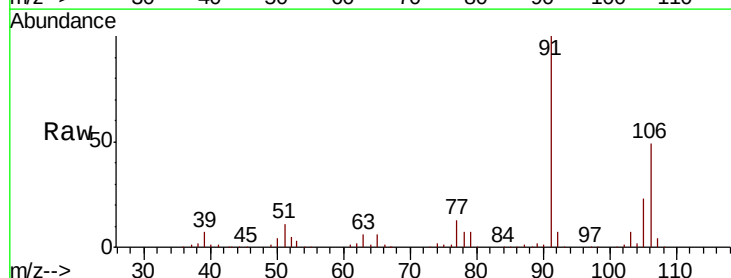
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

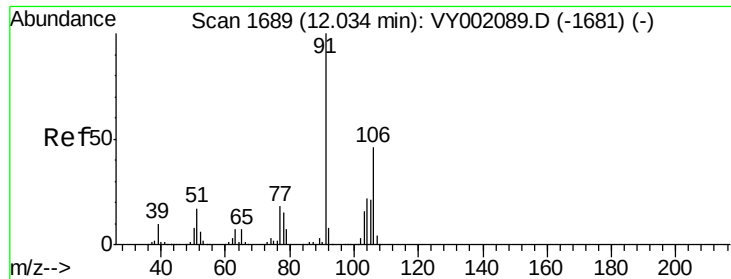
Tot Ion: 91 Resp: 189034
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1



#68
m/p-Xylenes
Concen: 42.398 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion: 106 Resp: 139790
Ion Ratio Lower Upper
106 100
91 199.9 162.8 244.2

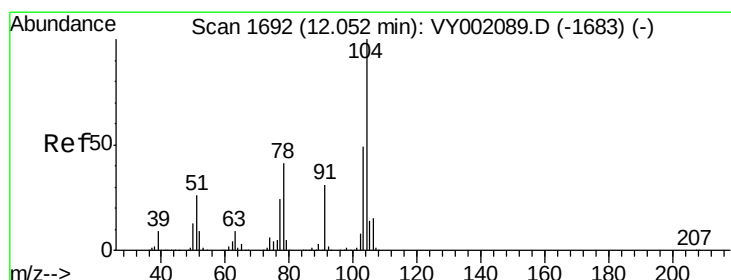
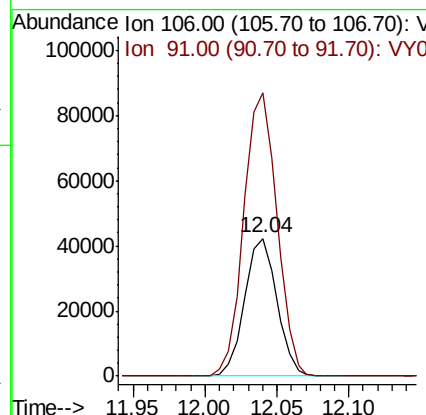
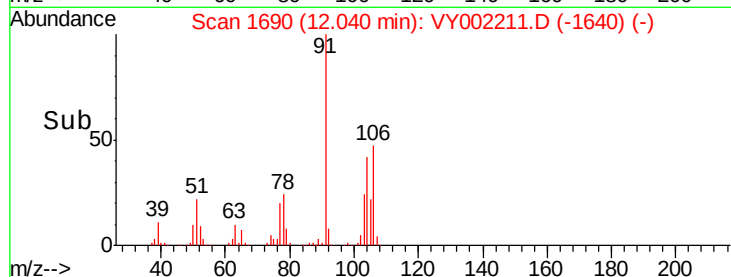
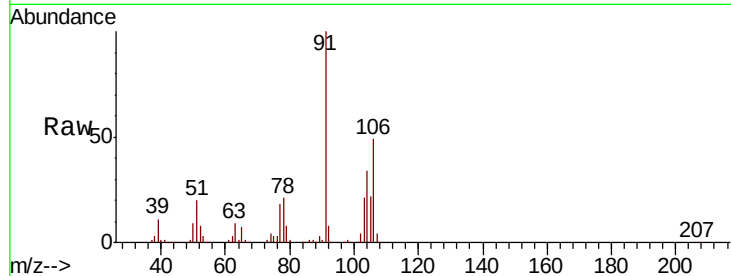




#69
o-Xylene
Concen: 21.002 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

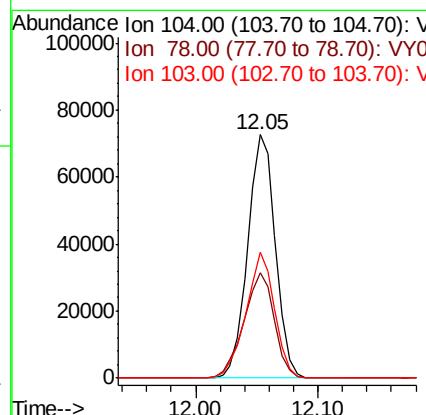
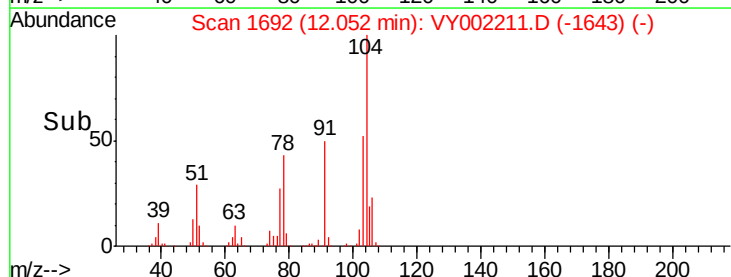
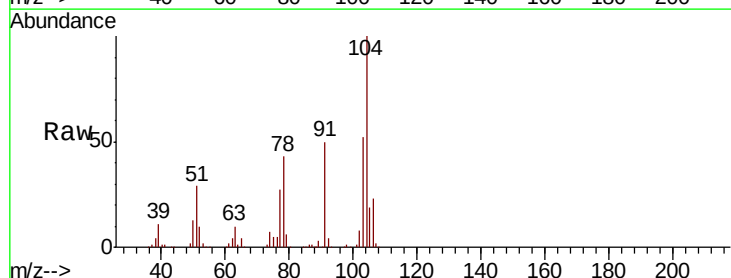
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

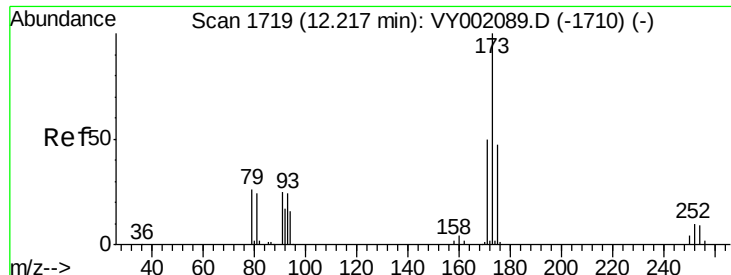
Tot Ion:106 Resp: 65686
Ion Ratio Lower Upper
106 100
91 211.5 107.3 321.8



#70
Styrene
Concen: 21.051 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion:104 Resp: 114086
Ion Ratio Lower Upper
104 100
78 47.3 37.9 56.9
103 53.5 43.2 64.8





#71

Bromoform

Concen: 20.687 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

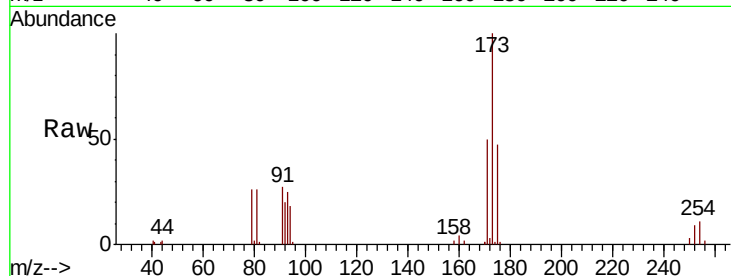
Tot Ion:173 Resp: 18200

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.8

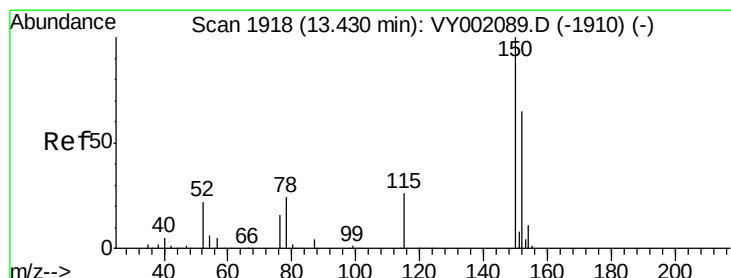
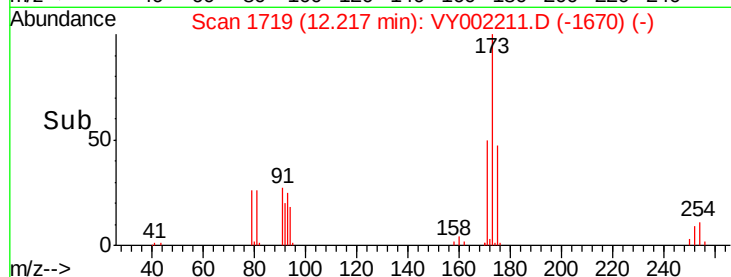
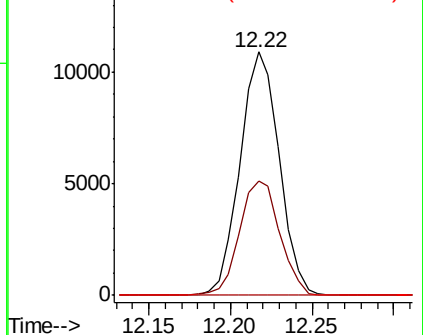
254 0.0 0.0 0.0



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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

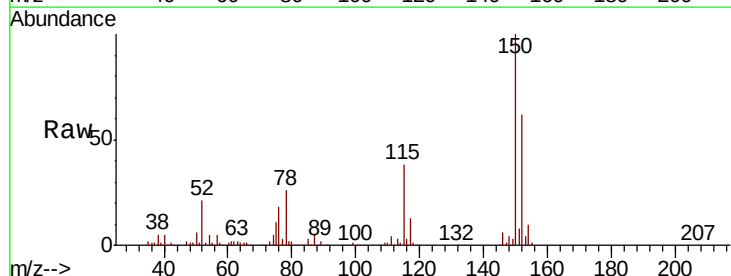
Tgt Ion:152 Resp: 111542

Ion Ratio Lower Upper

152 100

115 61.6 31.2 93.6

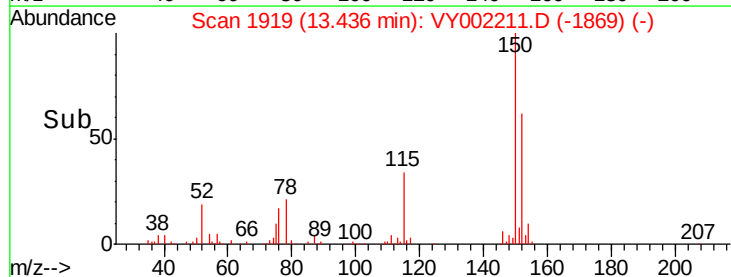
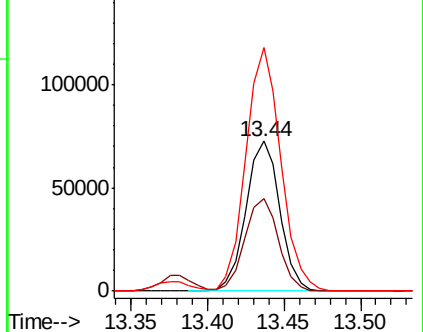
150 167.7 0.0 354.8

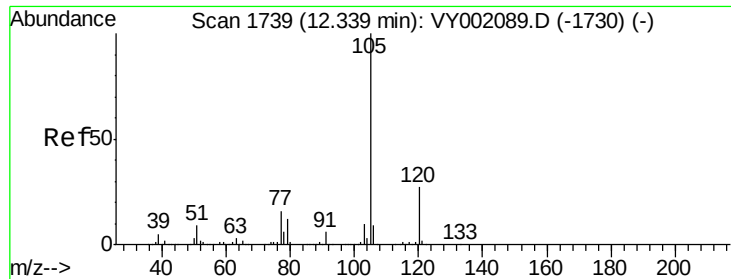


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.449 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

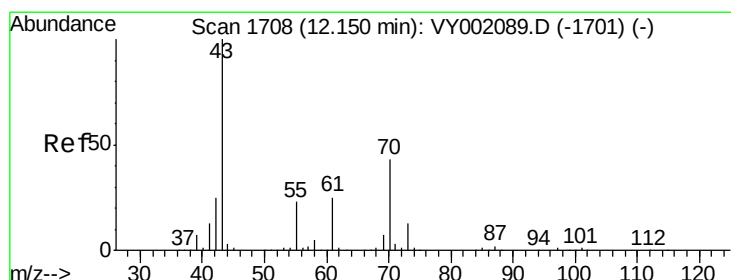
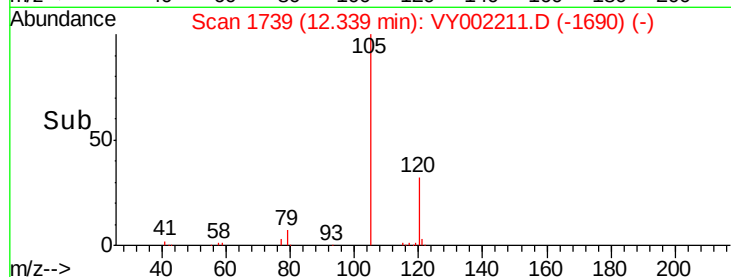
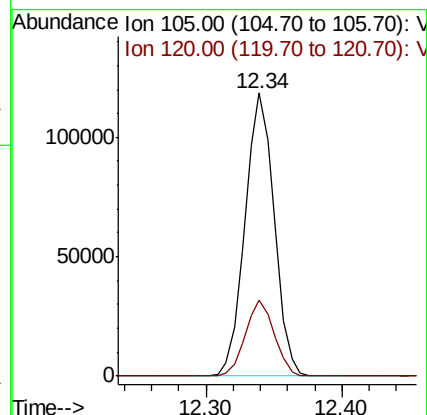
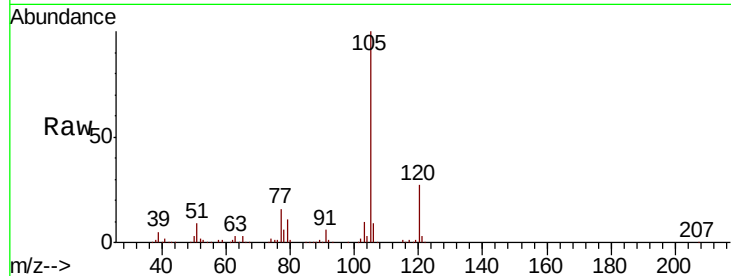
VY0403SBS01

Tot Ion:105 Resp: 177474

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-amyl acetate

Concen: 20.080 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Tgt Ion: 43 Resp: 52401

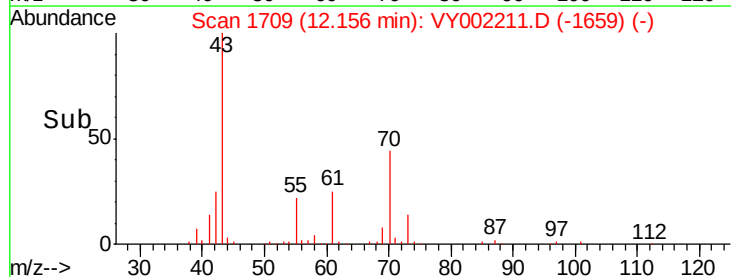
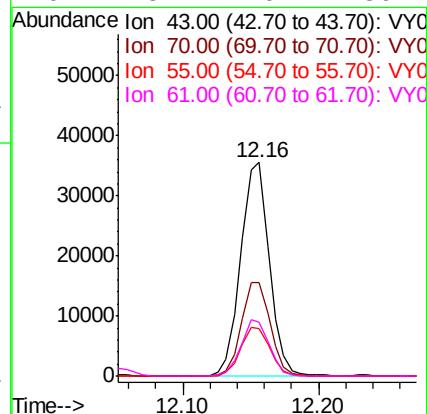
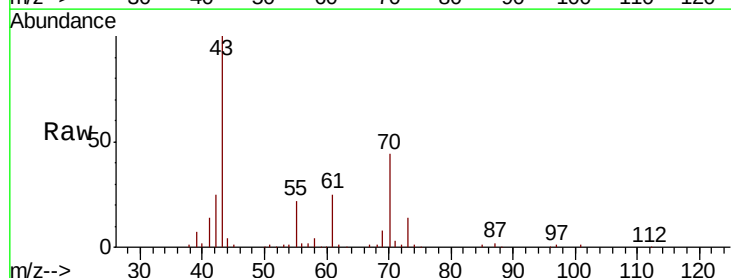
Ion Ratio Lower Upper

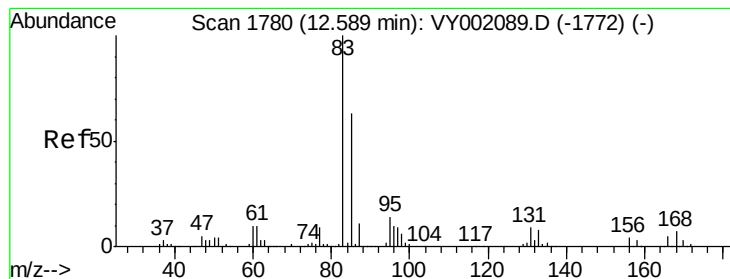
43 100

70 44.0 35.0 52.4

55 23.5 18.7 28.1

61 25.7 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.487 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

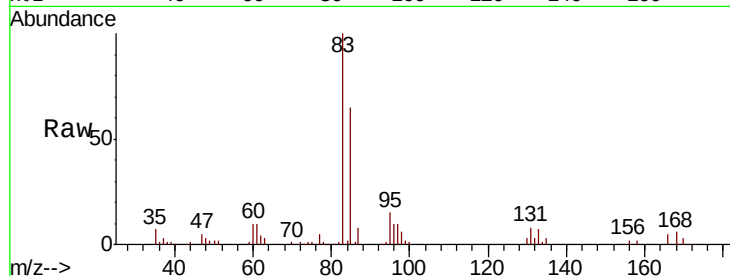
Tot Ion: 83 Resp: 38258

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.1

85 66.0 32.4 97.0

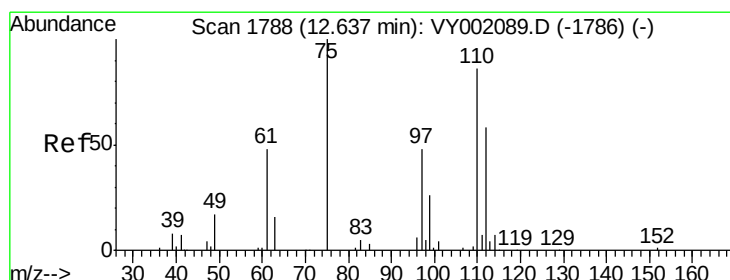
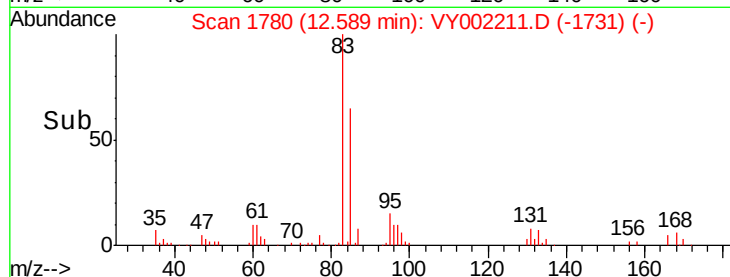


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

Time-->



#76

1,2,3-Trichloropropane

Concen: 40.682 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002211.D

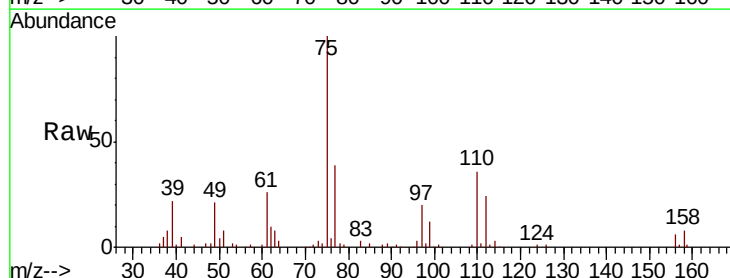
Acq: 03 Apr 2020 11:53

Tgt Ion: 75 Resp: 50759

Ion Ratio Lower Upper

75 100

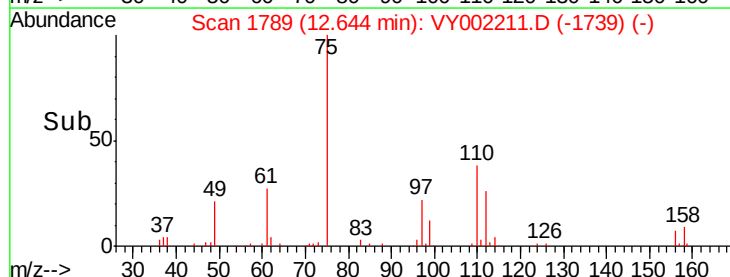
77 0.0 0.0 0.0

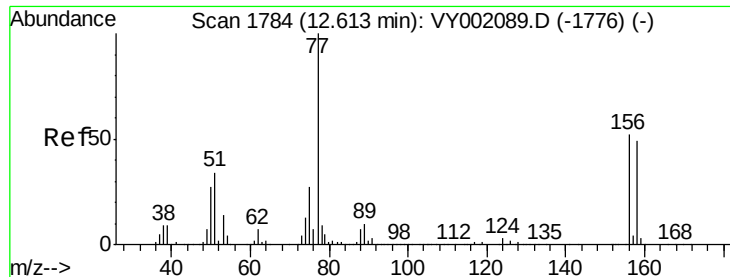


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

Time-->





#77

Bromobenzene

Concen: 21.390 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

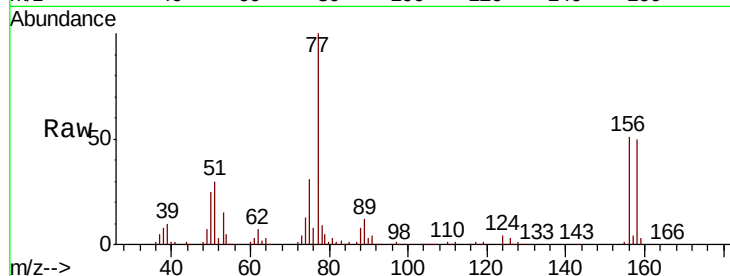
Tot Ion:156 Resp: 37782

Ion Ratio Lower Upper

156 100

77 215.8 107.8 323.6

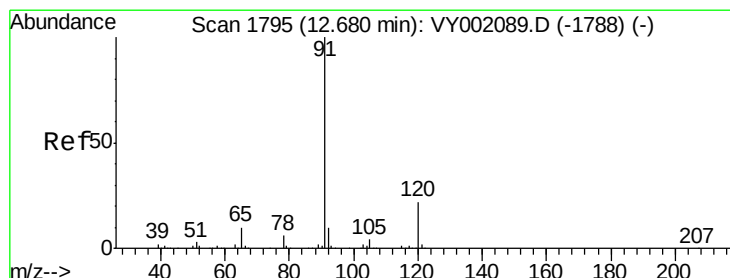
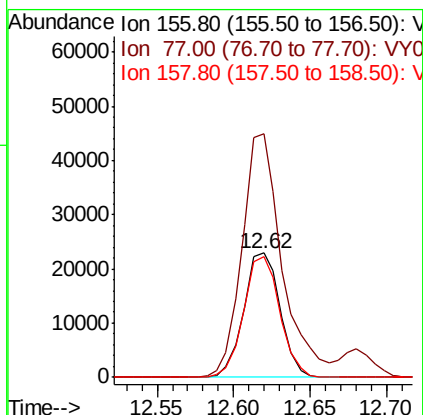
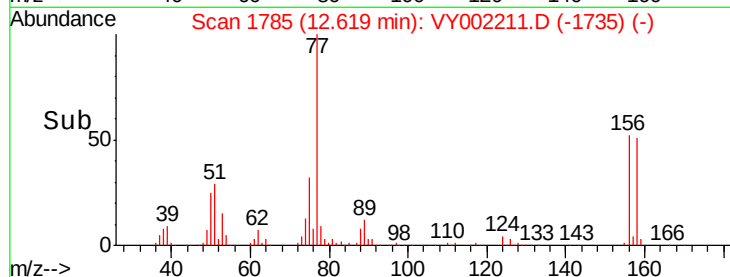
158 96.5 47.5 142.6



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: 21.380 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002211.D

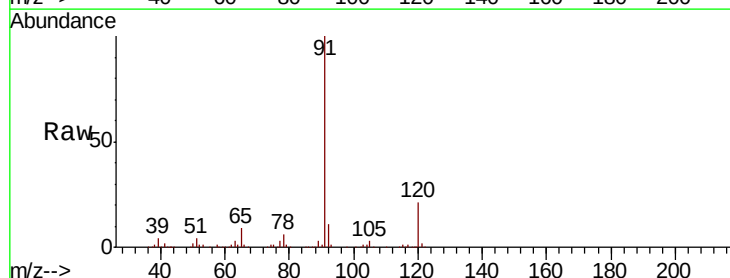
Acq: 03 Apr 2020 11:53

Tgt Ion: 91 Resp: 219534

Ion Ratio Lower Upper

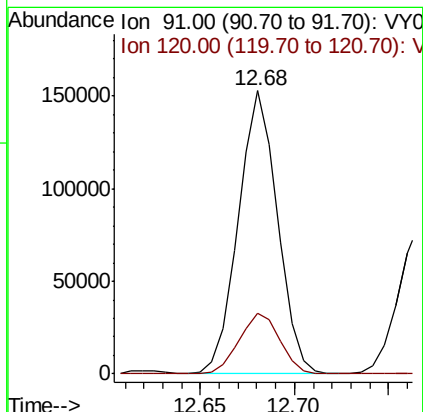
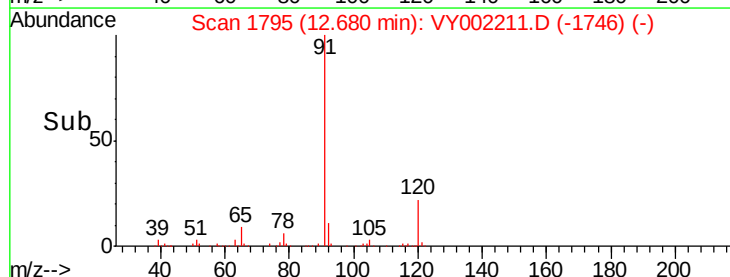
91 100

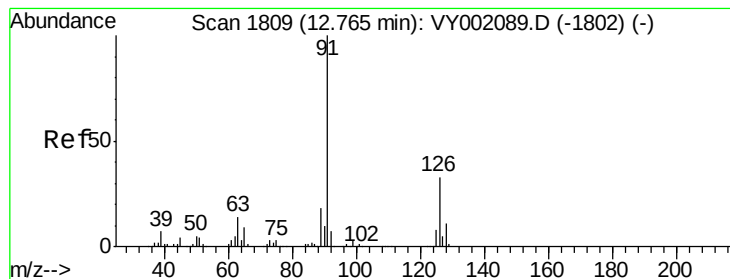
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.252 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

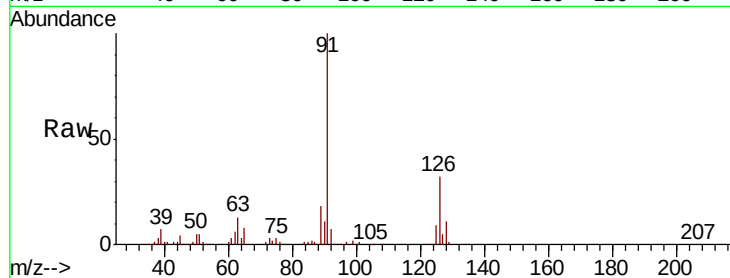
VY0403SBS01

Tot Ion: 91 Resp: 119817

Ion Ratio Lower Upper

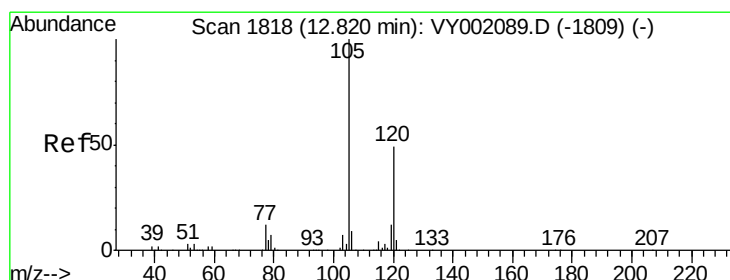
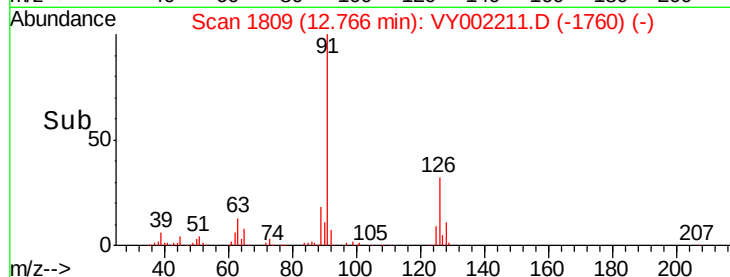
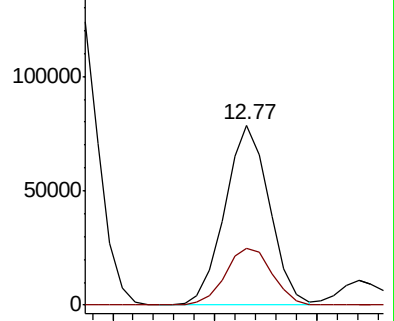
91 100

126 33.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY002089.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.506 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002211.D

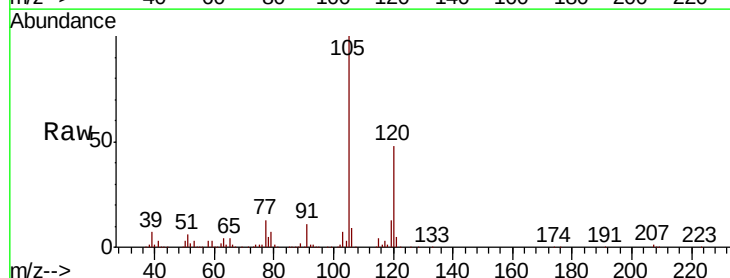
Acq: 03 Apr 2020 11:53

Tgt Ion:105 Resp: 146812

Ion Ratio Lower Upper

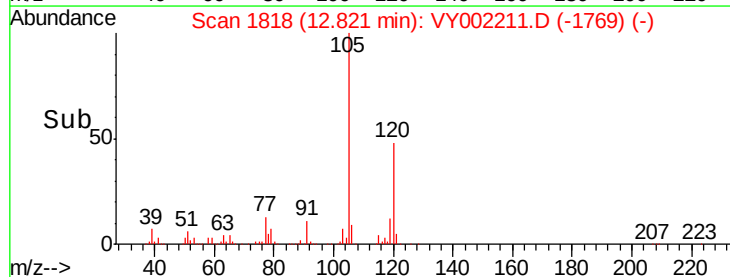
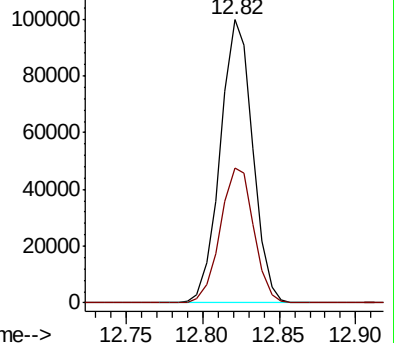
105 100

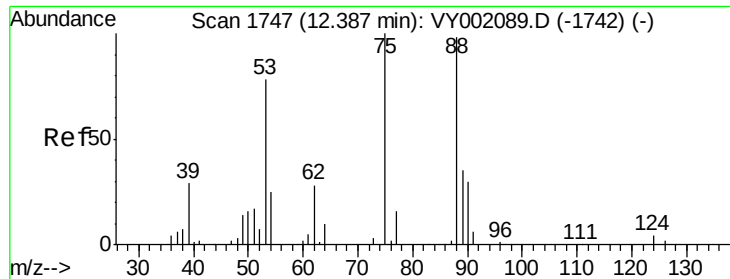
120 49.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VY002089.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY002089.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.465 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

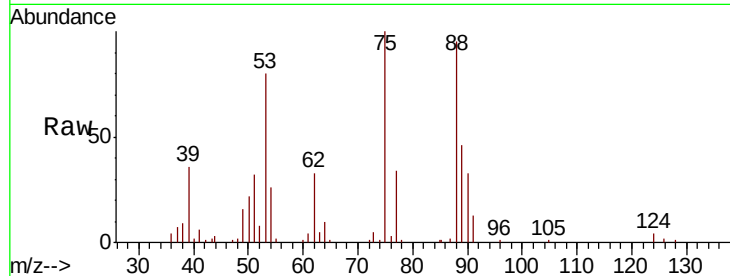
Tot Ion: 75 Resp: 13824

Ion Ratio Lower Upper

75 100

53 83.0 65.0 97.4

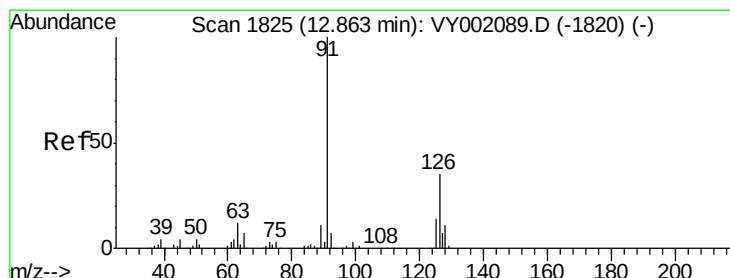
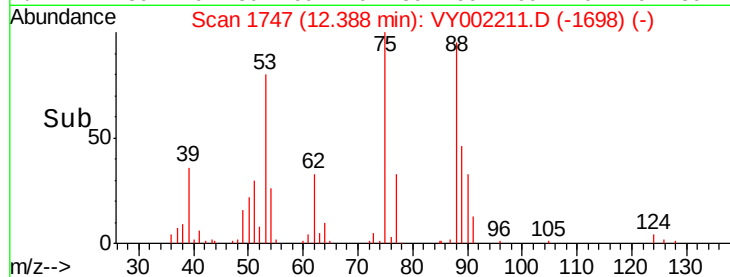
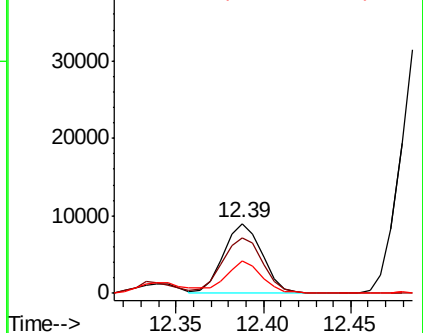
89 42.9 33.4 50.0



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: 21.109 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002211.D

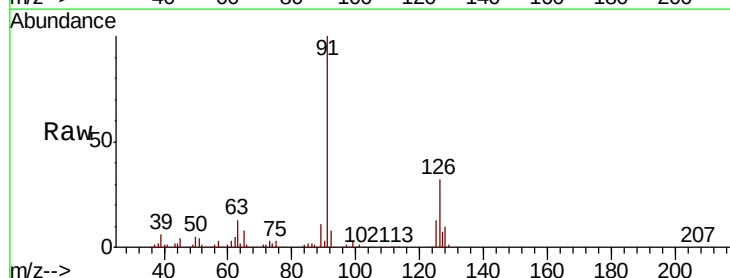
Acq: 03 Apr 2020 11:53

Tgt Ion: 91 Resp: 125407

Ion Ratio Lower Upper

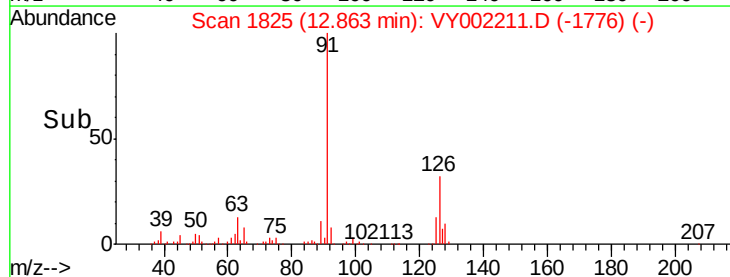
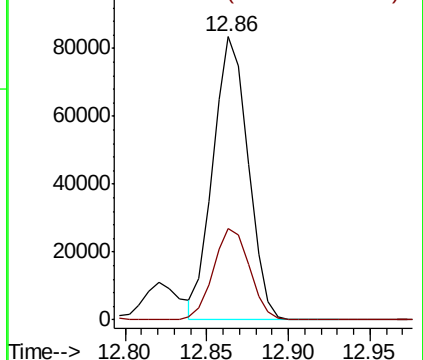
91 100

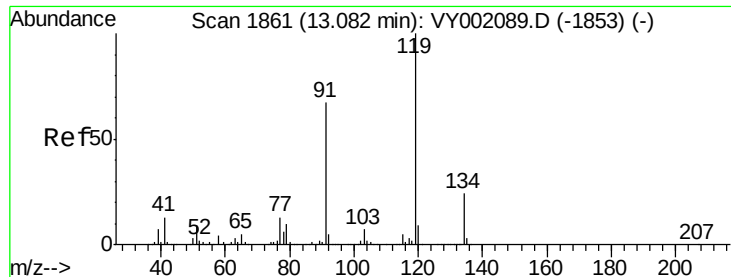
126 33.4 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

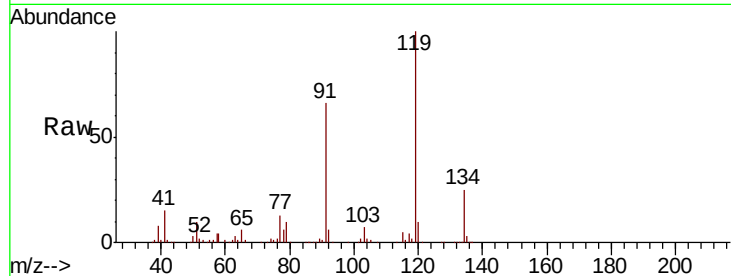




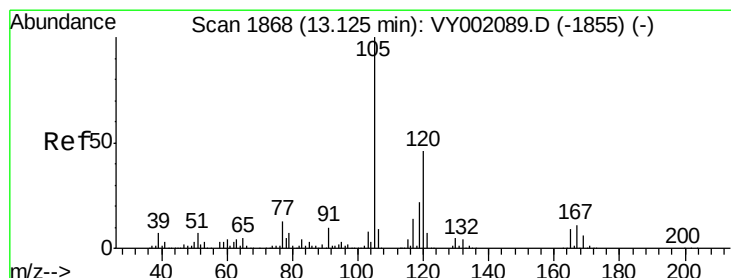
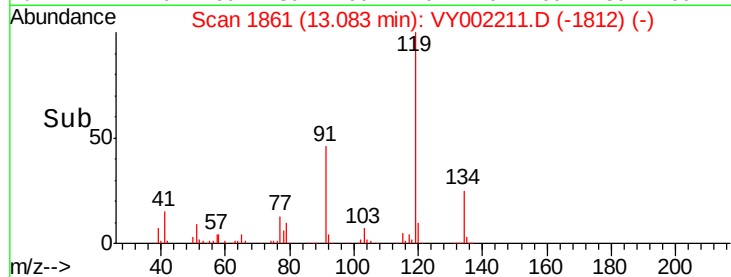
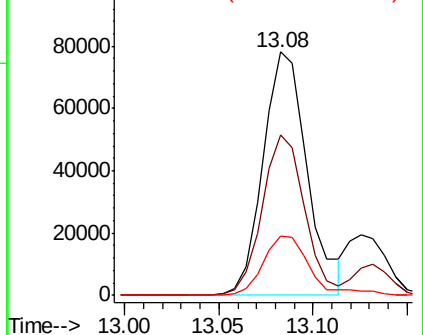
#83
tert-Butylbenzene
Concen: 22.345 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

Tot Ion:119 Resp: 127328
Ion Ratio Lower Upper
119 100
91 63.0 32.9 98.6
134 25.6 13.0 38.9

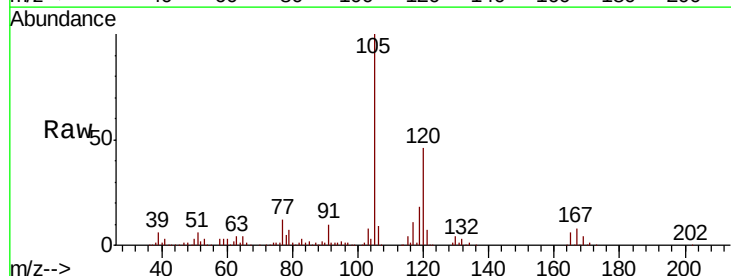


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

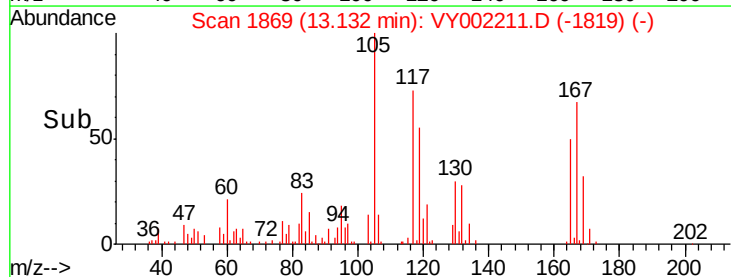
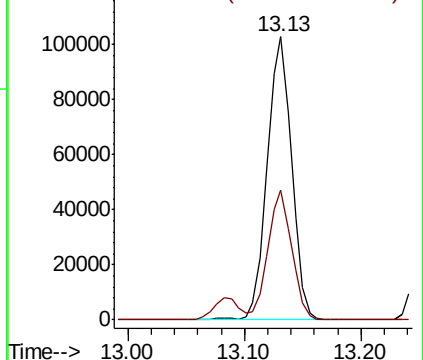


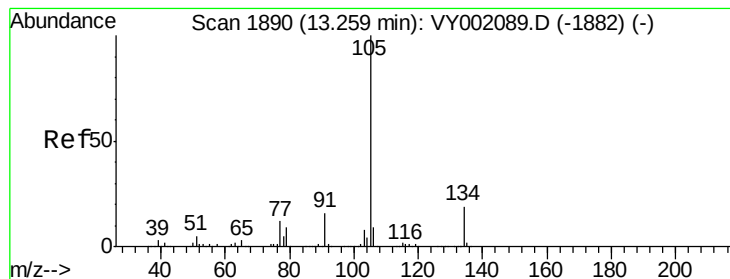
#84
1,2,4-Trimethylbenzene
Concen: 21.826 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002211.D
Acq: 03 Apr 2020 11:53

Tgt Ion:105 Resp: 148655
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.695 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampled :

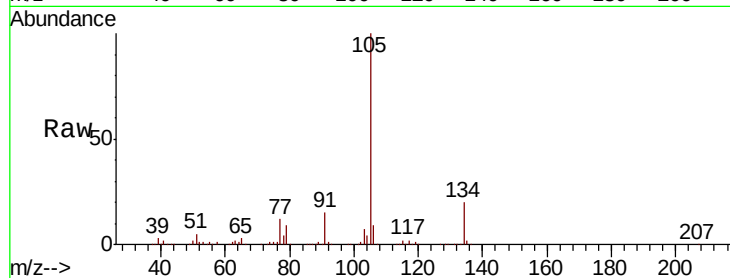
VY0403SBS01

Tot Ion:105 Resp: 183109

Ion Ratio Lower Upper

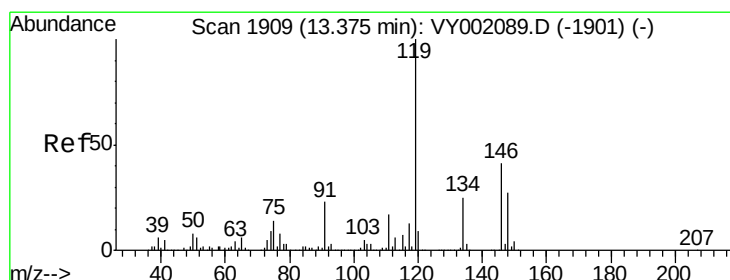
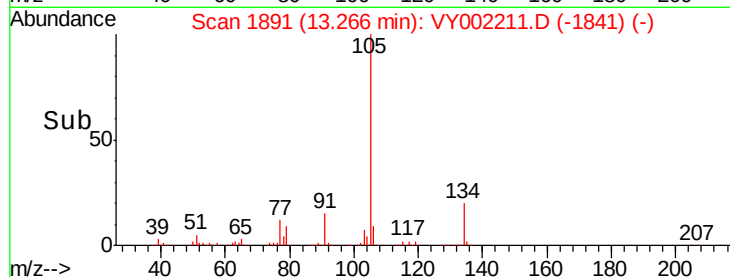
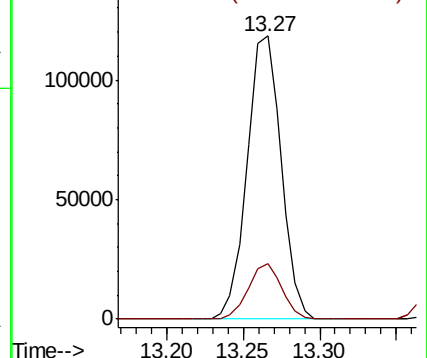
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.829 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

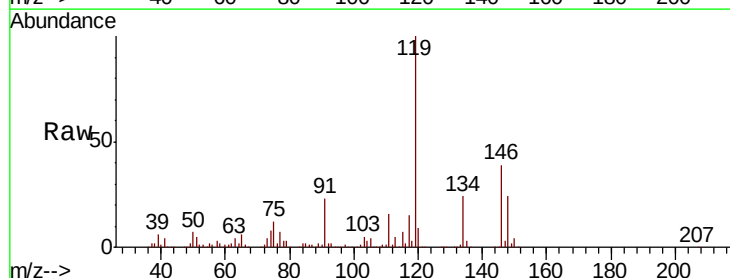
Tgt Ion:119 Resp: 158212

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

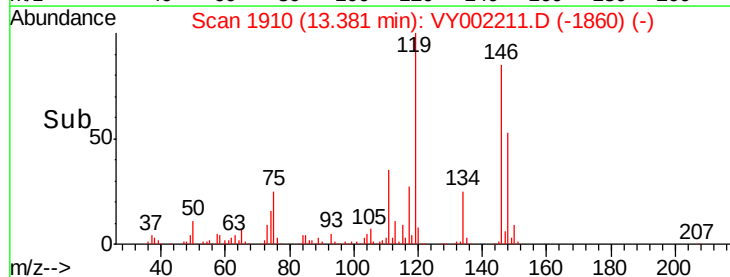
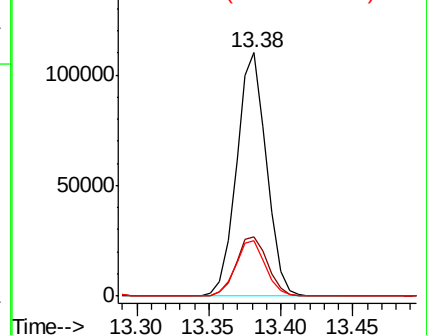
91 23.1 11.8 35.3

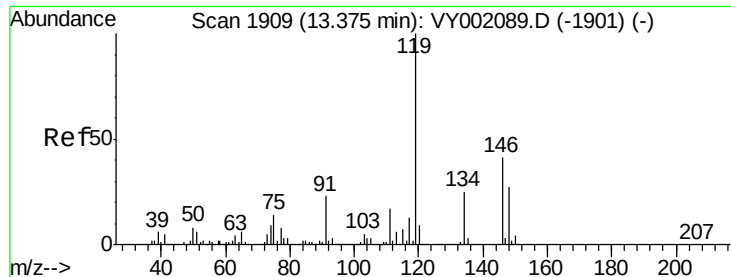


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

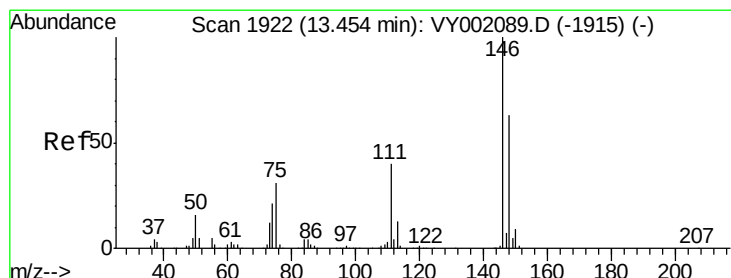
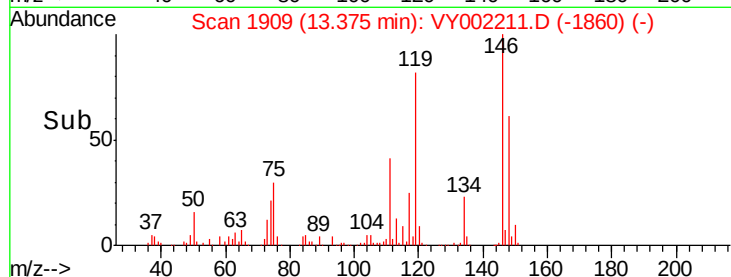
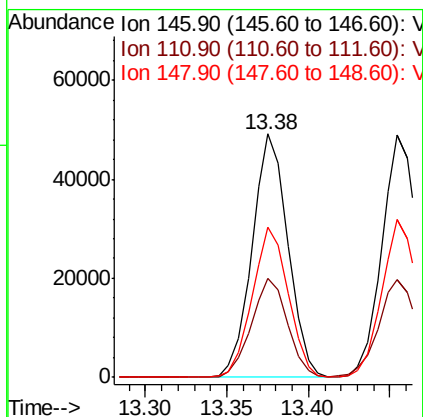
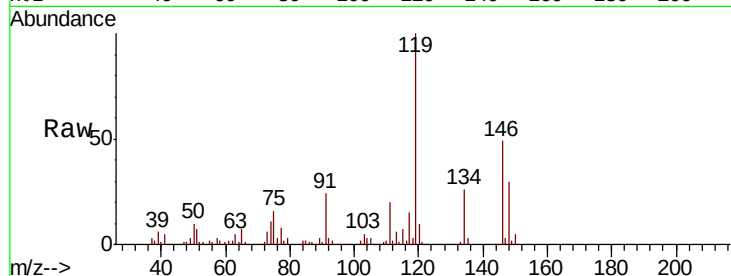




#87
 1,3-Dichlorobenzene
 Concen: 21.610 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

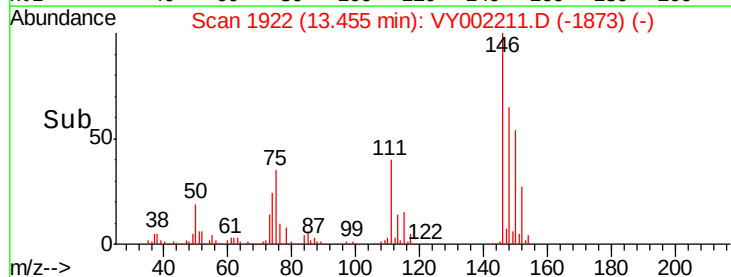
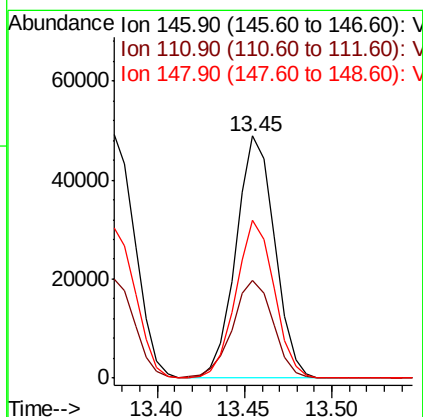
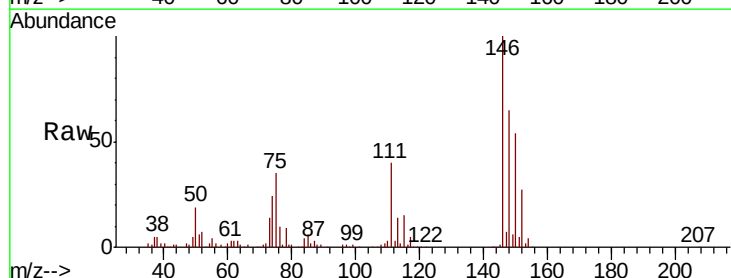
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

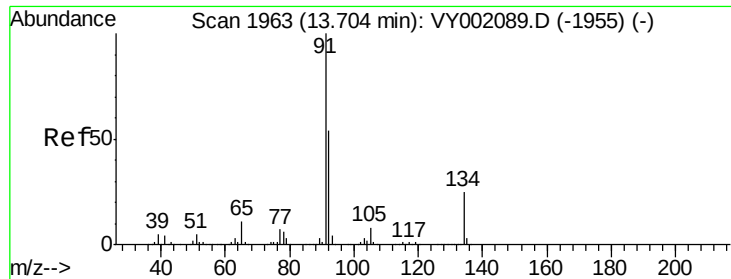
Tot Ion:146 Resp: 74671
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.9 62.8
 148 62.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.613 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Tgt Ion:146 Resp: 75150
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.3 60.9
 148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 21.343 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

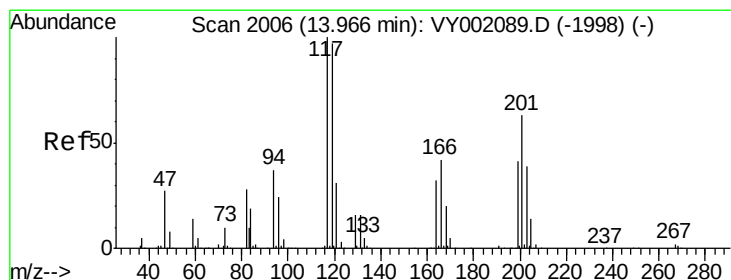
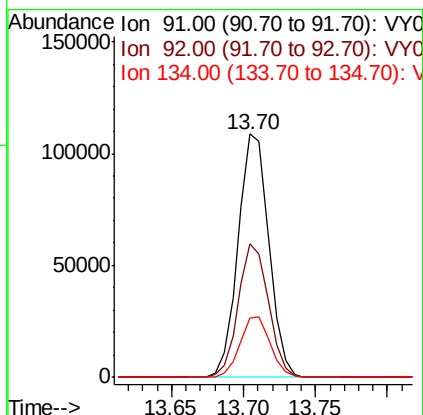
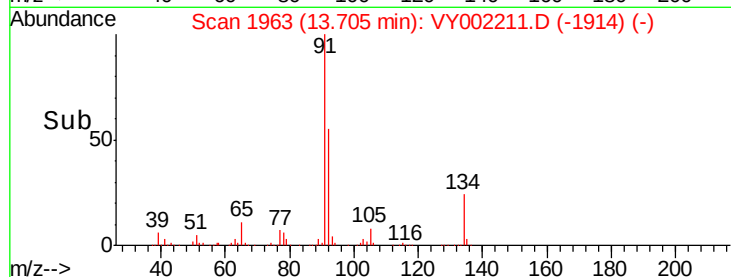
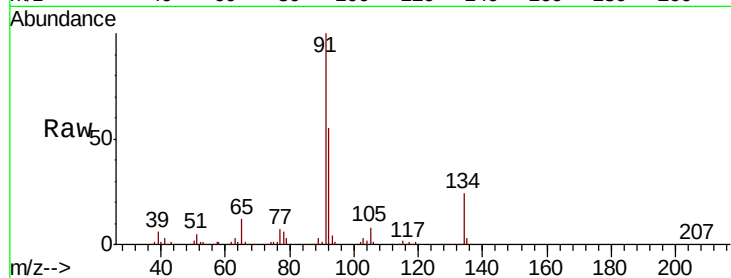
Tot Ion: 91 Resp: 161175

Ion Ratio Lower Upper

91 100

92 54.0 27.0 81.0

134 24.6 12.3 36.8



#90

Hexachloroethane

Concen: 21.414 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002211.D

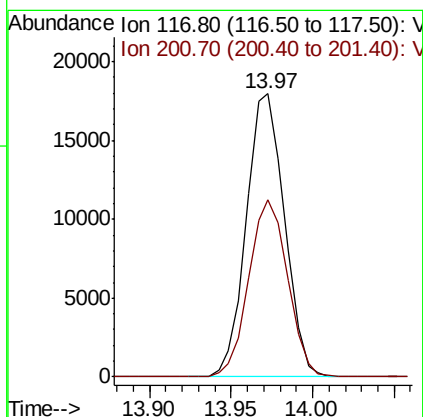
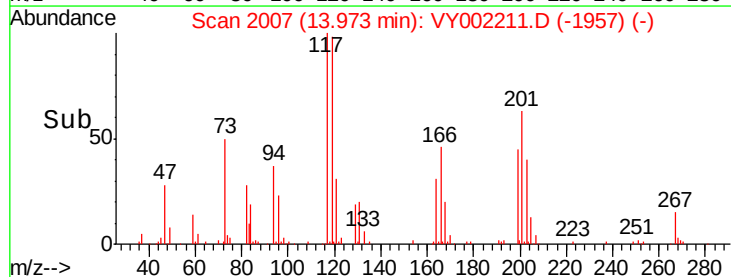
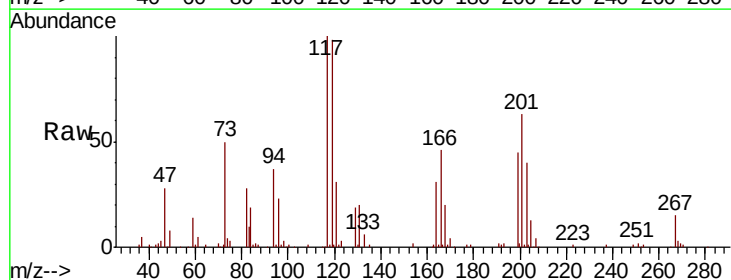
Acq: 03 Apr 2020 11:53

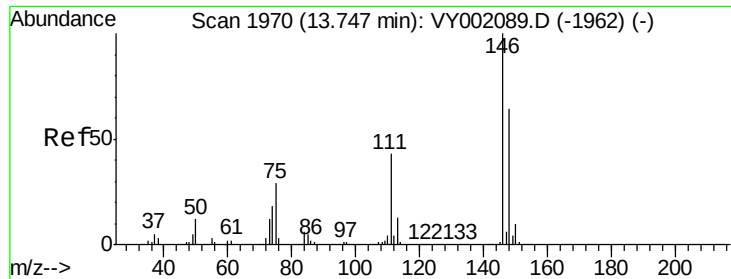
Tgt Ion: 117 Resp: 29245

Ion Ratio Lower Upper

117 100

201 63.5 31.6 94.8





#91

1,2-Dichlorobenzene

Concen: 21.637 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

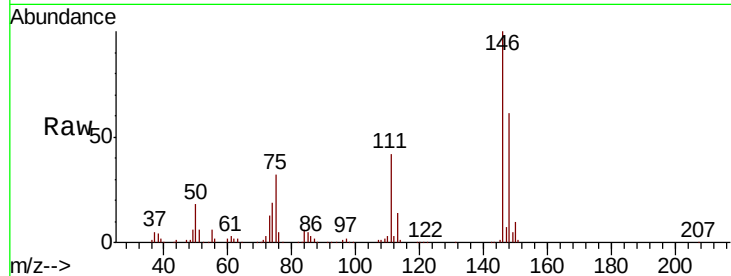
Tot Ion:146 Resp: 69045

Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.7

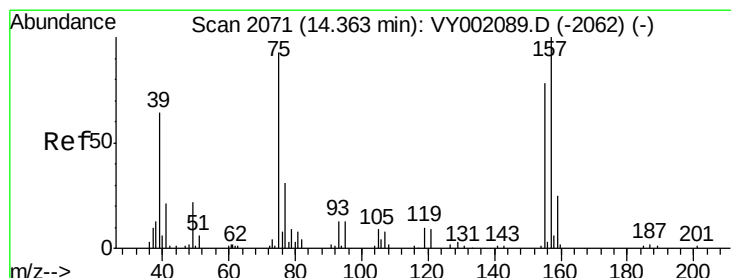
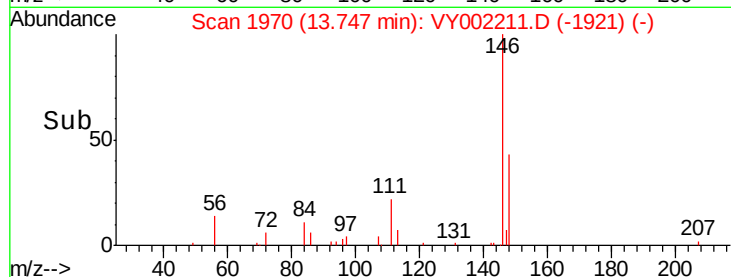
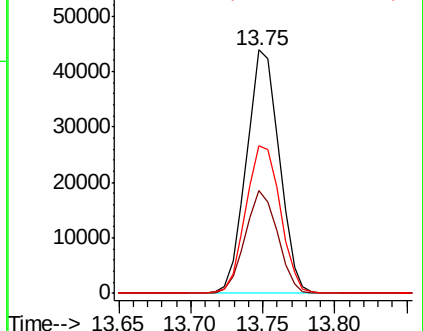
148 64.0 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.528 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

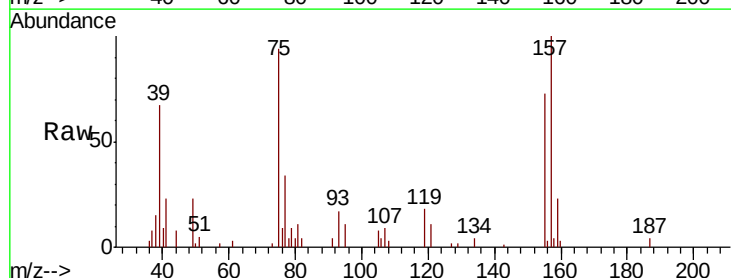
Tgt Ion: 75 Resp: 6140

Ion Ratio Lower Upper

75 100

155 76.4 41.6 124.9

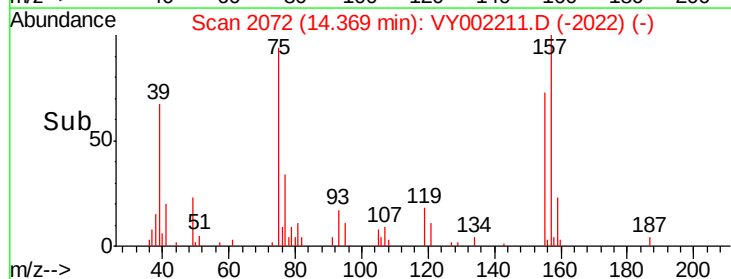
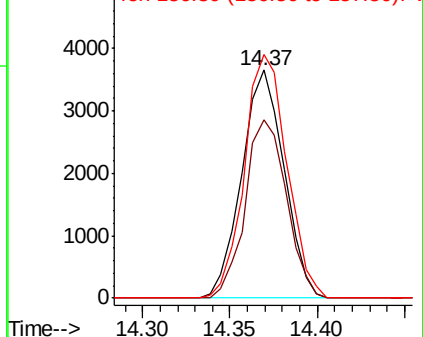
157 107.3 53.4 160.3

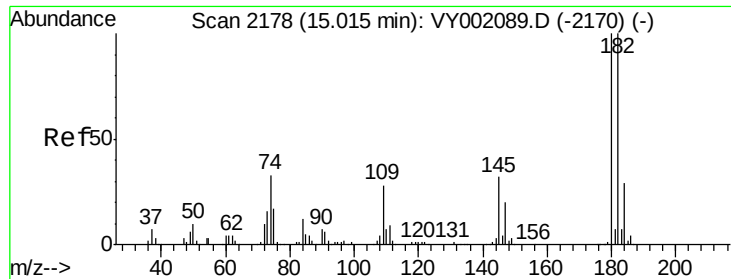


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

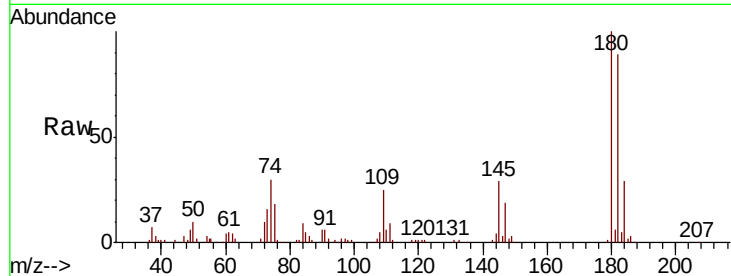




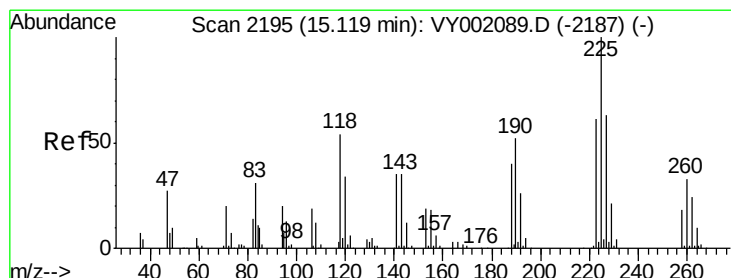
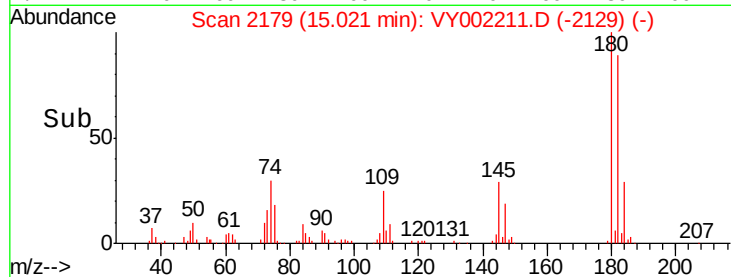
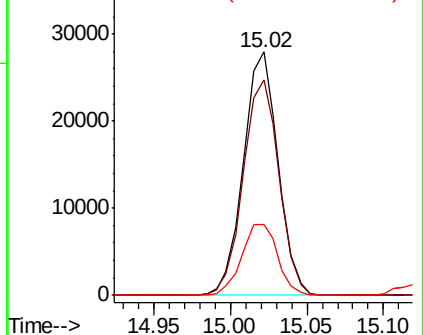
#93
 1,2,4-Trichlorobenzene
 Concen: 21.383 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.5	48.1	144.3
145	30.3	15.9	47.6

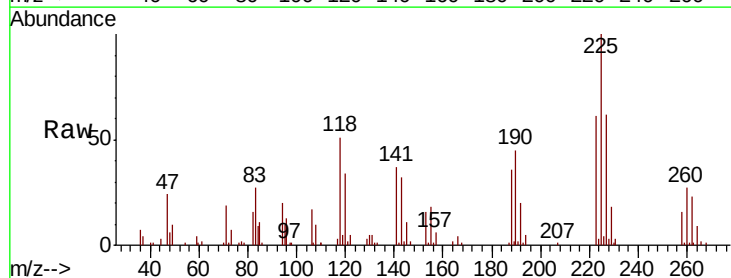


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

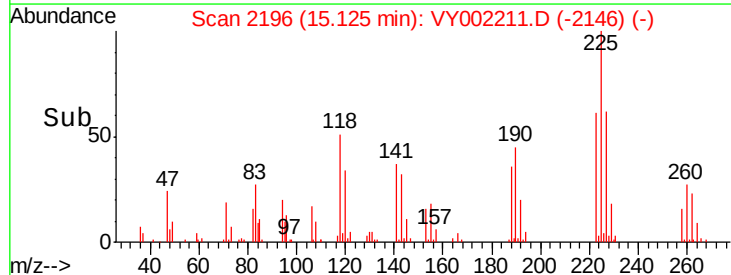
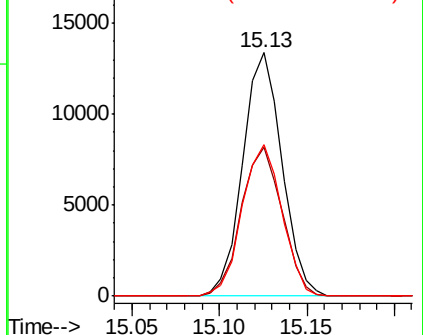


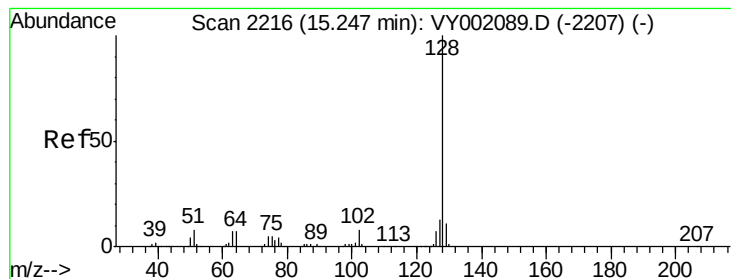
#94
 Hexachlorobutadiene
 Concen: 20.596 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002211.D
 Acq: 03 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.3
227	63.3	31.6	94.7



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: 20.989 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

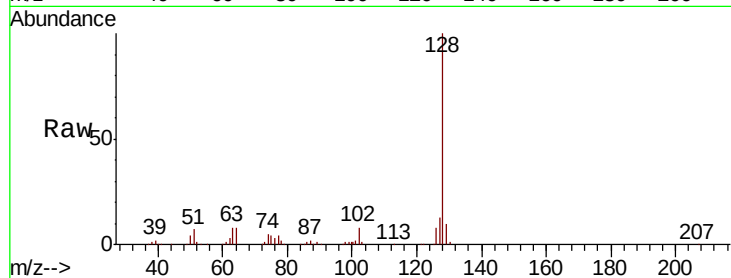
Tot Ion:128 Resp: 102532

Ion Ratio Lower Upper

128 100

127 12.7 9.8 14.8

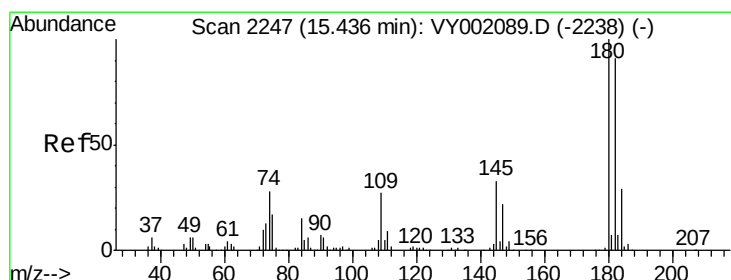
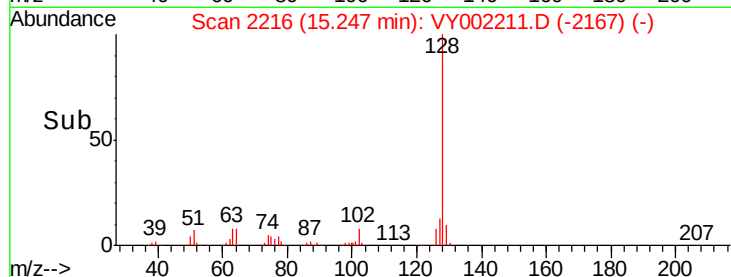
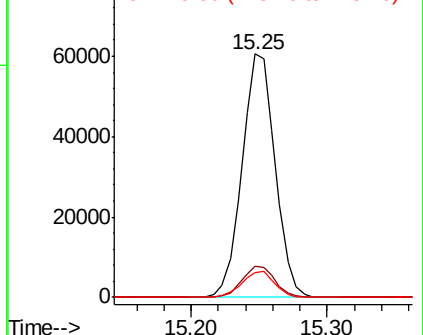
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.895 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002211.D

Acq: 03 Apr 2020 11:53

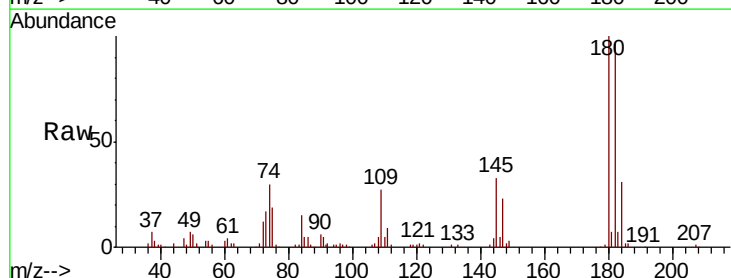
Tgt Ion:180 Resp: 38971

Ion Ratio Lower Upper

180 100

182 94.7 46.8 140.3

145 34.5 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

