

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001555.D
 Acq On : 07 Feb 2020 15:40
 Operator : SY/MD
 Sample : VY0207SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:26:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	203712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	354540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	319794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	153699	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	108459	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
35) Dibromofluoromethane	7.74	113	99024	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	10.19	98	411720	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.49	95	148466	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	34744	17.424	ug/l	100
3) Chloromethane	2.13	50	45905	22.026	ug/l	95
4) Vinyl Chloride	2.26	62	48301	22.320	ug/l	95
5) Bromomethane	2.66	94	32056	23.553	ug/l	98
6) Chloroethane	2.81	64	30635	23.485	ug/l	93
7) Trichlorofluoromethane	3.14	101	64507	18.008	ug/l	96
8) Diethyl Ether	3.55	74	25147	20.803	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40852	18.954	ug/l	98
10) Methyl Iodide	4.11	142	48617	17.703	ug/l	98
11) Tert butyl alcohol	5.00	59	24691	84.690	ug/l	98
12) 1,1-Dichloroethene	3.89	96	40151	18.747	ug/l	97
13) Acrolein	3.75	56	20327	104.663	ug/l	99
14) Allyl chloride	4.50	41	70883	21.634	ug/l	95
15) Acrylonitrile	5.19	53	65254	117.754	ug/l	100
16) Acetone	3.97	43	58959	99.375	ug/l	97
17) Carbon Disulfide	4.22	76	130847	19.191	ug/l	98
18) Methyl Acetate	4.51	43	30948	24.444	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	113293	19.891	ug/l	96
20) Methylene Chloride	4.74	84	49024	18.086	ug/l	89
21) trans-1,2-Dichloroethene	5.25	96	45638	19.168	ug/l	94
22) Diisopropyl ether	6.14	45	144053	22.192	ug/l	92
23) Vinyl Acetate	6.09	43	484810	117.323	ug/l	97
24) 1,1-Dichloroethane	6.05	63	77614	19.878	ug/l	98
25) 2-Butanone	7.01	43	90470	117.537	ug/l	97
26) 2,2-Dichloropropane	7.00	77	69131	18.500	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	50962	19.597	ug/l	97
28) Bromochloromethane	7.36	49	29525	22.198	ug/l	90
29) Tetrahydrofuran	7.37	42	57807	125.302	ug/l	93
30) Chloroform	7.53	83	75352	19.053	ug/l	96
31) Cyclohexane	7.81	56	82854	20.745	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	67006	18.687	ug/l	97
36) 1,1-Dichloropropene	7.94	75	63393	19.545	ug/l	99
37) Ethyl Acetate	7.10	43	38464	24.498	ug/l	96
38) Carbon Tetrachloride	7.93	117	56939	18.145	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001555.D
 Acq On : 07 Feb 2020 15:40
 Operator : SY/MD
 Sample : VY0207SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:26:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	83322	19.511	ug/l	99
40) Benzene	8.18	78	184620	19.956	ug/l	97
41) Methacrylonitrile	7.37	41	52175	71.699	ug/l #	20
42) 1,2-Dichloroethane	8.26	62	51807	20.101	ug/l	100
43) Isopropyl Acetate	8.29	43	74000	23.804	ug/l	95
44) Trichloroethene	8.96	130	46970	18.836	ug/l	99
45) 1,2-Dichloropropane	9.24	63	47478	21.253	ug/l	98
46) Dibromomethane	9.32	93	24842	19.804	ug/l	97
47) Bromodichloromethane	9.52	83	59413	19.439	ug/l	95
48) Methyl methacrylate	9.31	41	32390	22.956	ug/l	96
49) 1,4-Dioxane	9.32	88	7344	443.310	ug/l	97
51) 4-Methyl-2-Pentanone	10.09	43	191412	125.028	ug/l	96
52) Toluene	10.26	92	117396	20.000	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	65967	19.816	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	74507	19.495	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	37179	20.658	ug/l	99
56) Ethyl methacrylate	10.52	69	55800	21.798	ug/l	94
57) 1,3-Dichloropropane	10.80	76	65509	20.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	104649	111.127	ug/l	97
59) 2-Hexanone	10.85	43	136553	122.674	ug/l	96
60) Dibromochloromethane	11.00	129	39905	18.810	ug/l	100
61) 1,2-Dibromoethane	11.10	107	35634	20.102	ug/l	100
64) Tetrachloroethene	10.74	164	38821	18.510	ug/l	99
65) Chlorobenzene	11.53	112	120925	19.258	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	40537	18.446	ug/l	97
67) Ethyl Benzene	11.61	91	226562	19.515	ug/l	97
68) m/p-Xylenes	11.72	106	171056	39.247	ug/l	98
69) o-Xylene	12.04	106	80566	19.605	ug/l	99
70) Styrene	12.06	104	141524	19.915	ug/l	98
71) Bromoform	12.22	173	24223	19.795	ug/l #	100
73) Isopropylbenzene	12.35	105	218008	18.598	ug/l	99
74) N-amyl acetate	12.16	43	71352	23.424	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	46427	20.846	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	61178	37.013	ug/l #	100
77) Bromobenzene	12.62	156	47872	18.871	ug/l	95
78) n-propylbenzene	12.69	91	269037	19.171	ug/l	98
79) 2-Chlorotoluene	12.77	91	148041	18.507	ug/l	98
80) 1,3,5-Trimethylbenzene	12.83	105	182023	18.438	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	16674	19.519	ug/l	95
82) 4-Chlorotoluene	12.87	91	157131	18.735	ug/l	100
83) tert-Butylbenzene	13.09	119	155938	18.687	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	181466	18.572	ug/l	99
85) sec-Butylbenzene	13.27	105	221235	18.857	ug/l	99
86) p-Isopropyltoluene	13.38	119	196750	19.030	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	94621	19.462	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	94797	19.463	ug/l	98
89) n-Butylbenzene	13.71	91	199341	19.541	ug/l	99
90) Hexachloroethane	13.97	117	36038	18.161	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	86125	19.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7920	19.263	ug/l	97

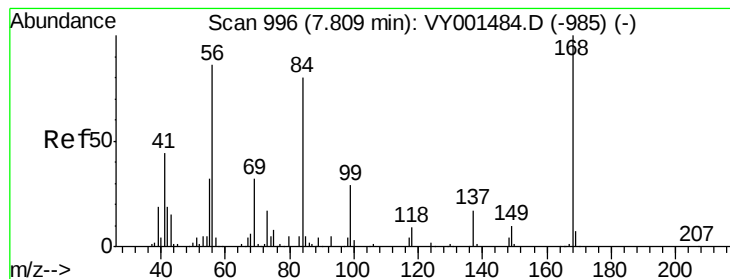
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
Data File : VY001555.D
Acq On : 07 Feb 2020 15:40
Operator : SY/MD
Sample : VY0207SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 08 01:26:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	58430	19.680	ug/l	99
94) Hexachlorobutadiene	15.13	225	28826	19.130	ug/l	98
95) Naphthalene	15.25	128	136806	19.606	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	51773	19.754	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

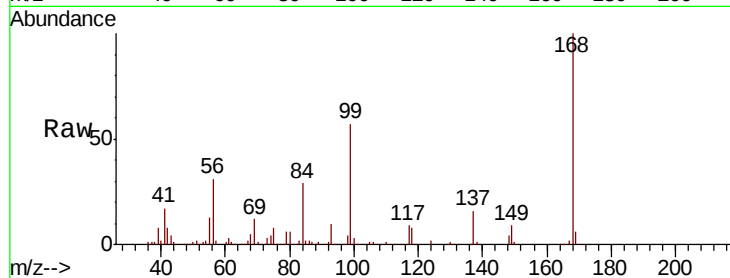
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 203712

Ion Ratio Lower Upper

168 100

99 56.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001555.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001555.D (-947) (-)

7.82

100000

80000

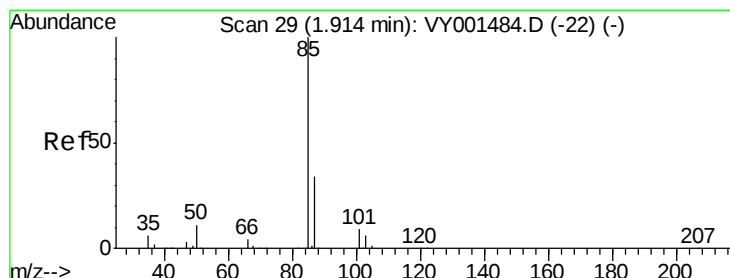
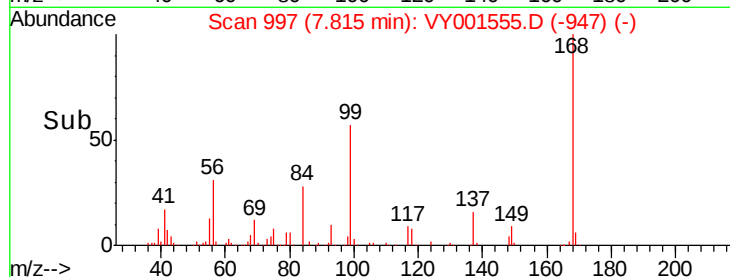
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.424 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001555.D

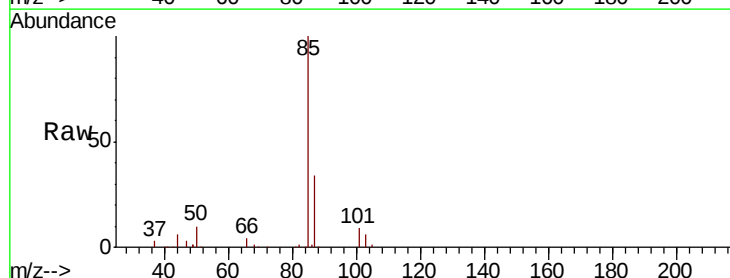
Acq: 07 Feb 2020 15:40

Tgt Ion: 85 Resp: 34744

Ion Ratio Lower Upper

85 100

87 33.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001555.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001555.D (-1) (-)

1.91

25000

20000

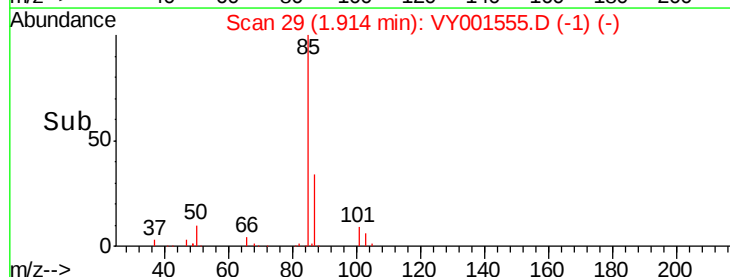
15000

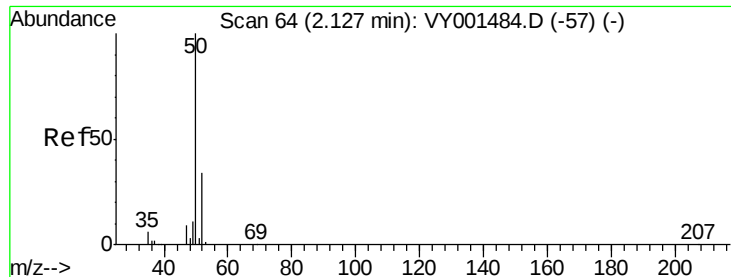
10000

5000

0

Time-->





#3

Chloromethane

Concen: 22.026 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

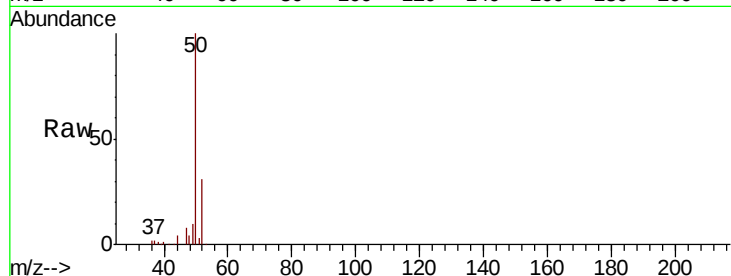
ClientSampleId :

Tot Ion: 50 Resp: 45905

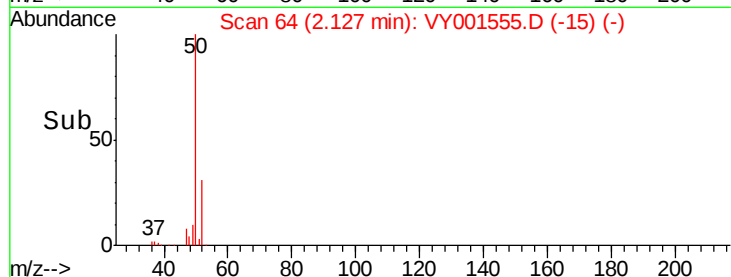
Ion Ratio Lower Upper

50 100

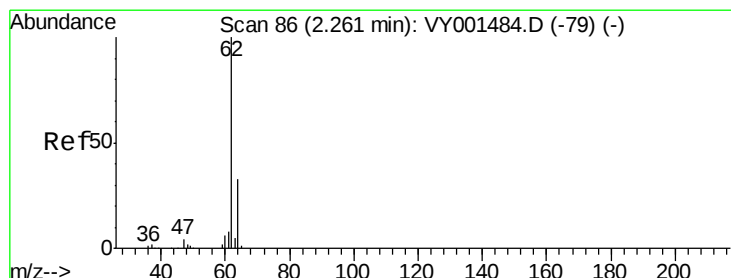
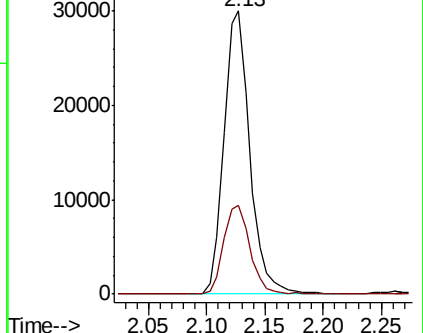
52 31.3 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY001555.D (-15) (-)



Ion 51.90 (51.60 to 52.60): VY001555.D (-15) (-)



#4

Vinyl Chloride

Concen: 22.320 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001555.D

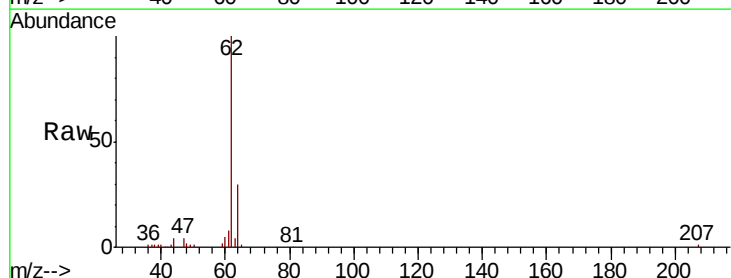
Acq: 07 Feb 2020 15:40

Tgt Ion: 62 Resp: 48301

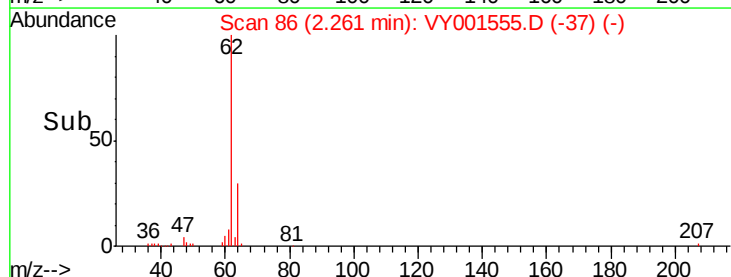
Ion Ratio Lower Upper

62 100

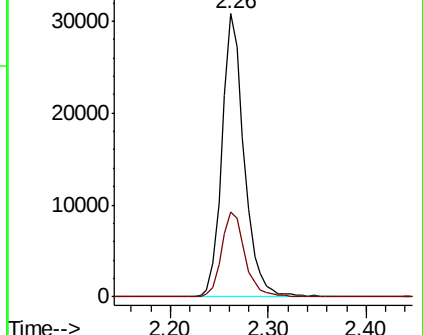
64 30.1 26.4 39.6

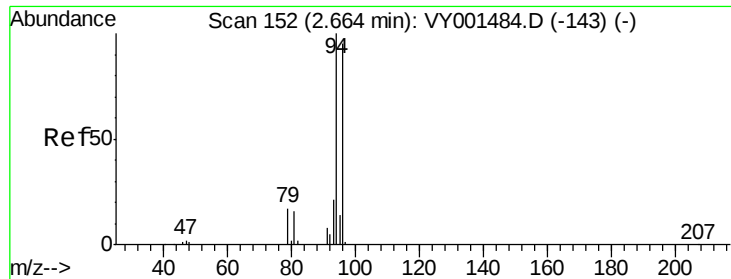


Abundance Ion 61.90 (61.60 to 62.60): VY001555.D (-37) (-)



Ion 63.90 (63.60 to 64.60): VY001555.D (-37) (-)





#5

Bromomethane

Concen: 23.553 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

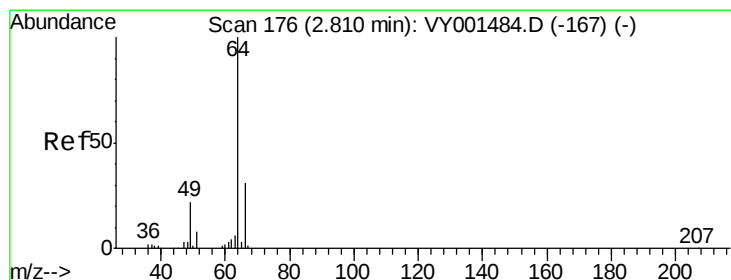
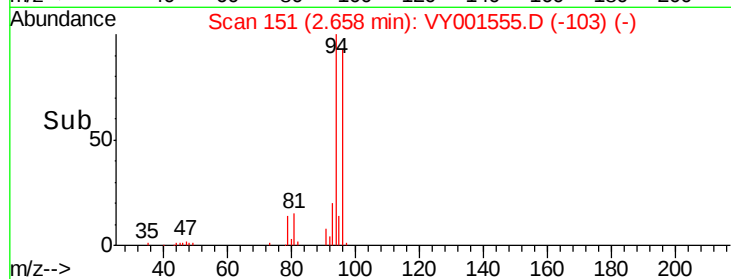
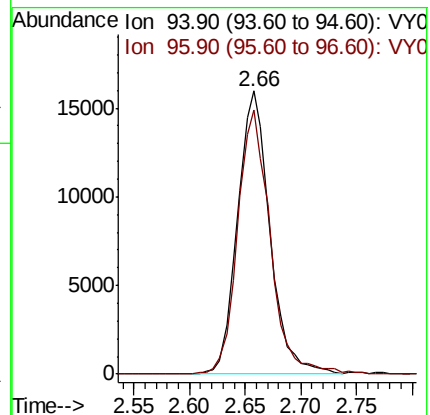
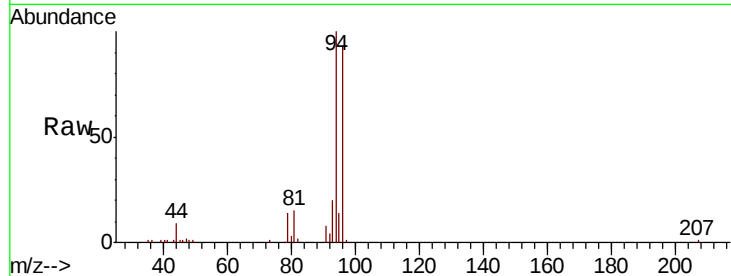
ClientSampleId :

Tot Ion: 94 Resp: 32056

Ion Ratio Lower Upper

94 100

96 93.2 76.2 114.2



#6

Chloroethane

Concen: 23.485 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001555.D

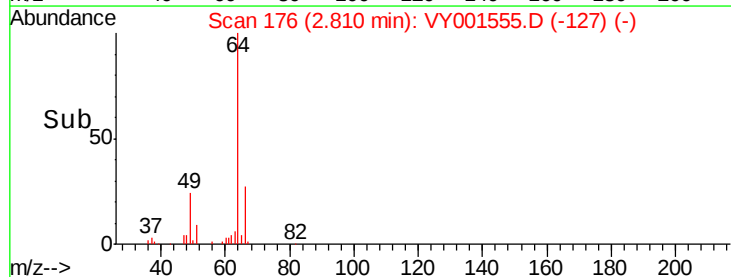
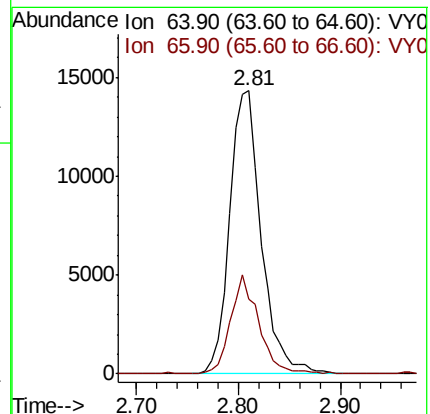
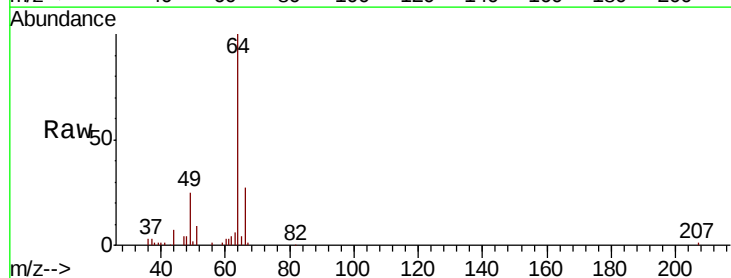
Acq: 07 Feb 2020 15:40

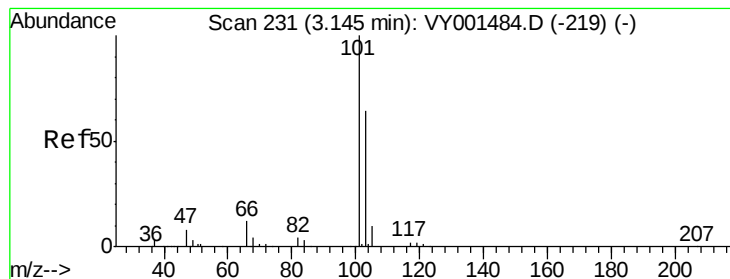
Tgt Ion: 64 Resp: 30635

Ion Ratio Lower Upper

64 100

66 26.5 24.5 36.7



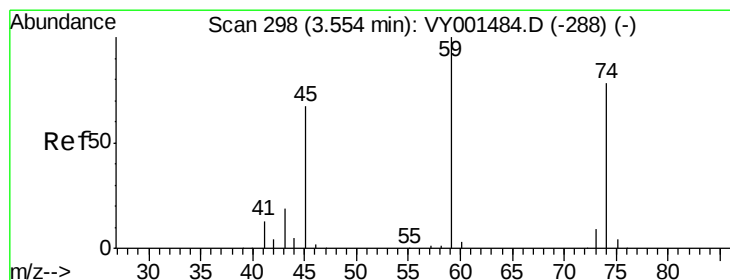
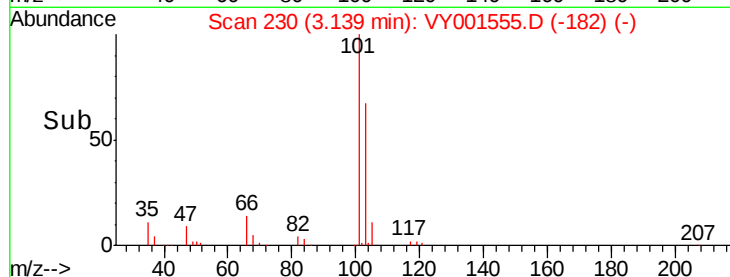
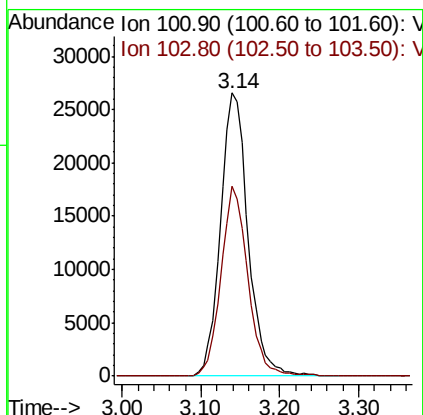
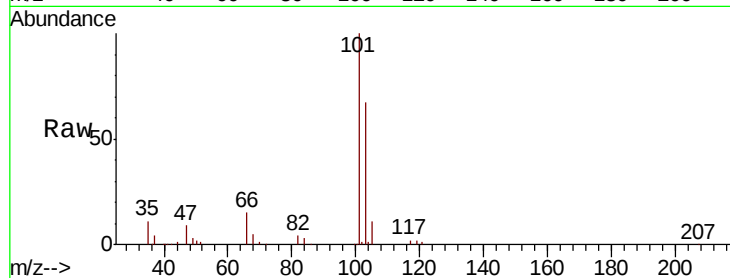


#7

Trichlorofluoromethane
 Concen: 18.008 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :

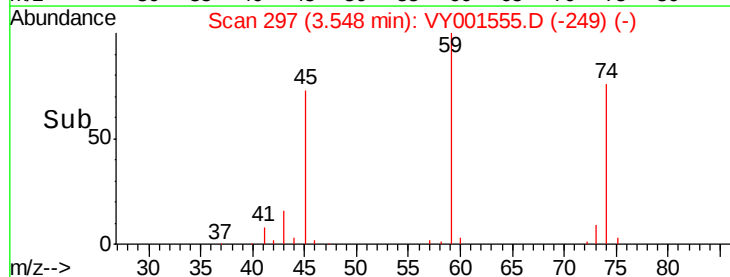
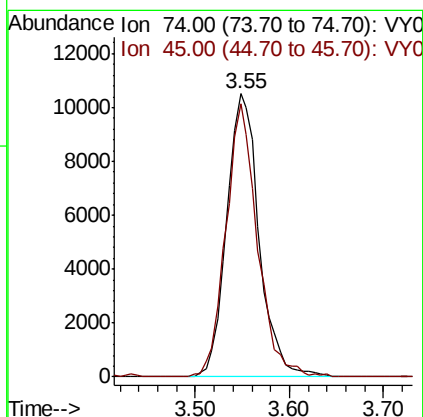
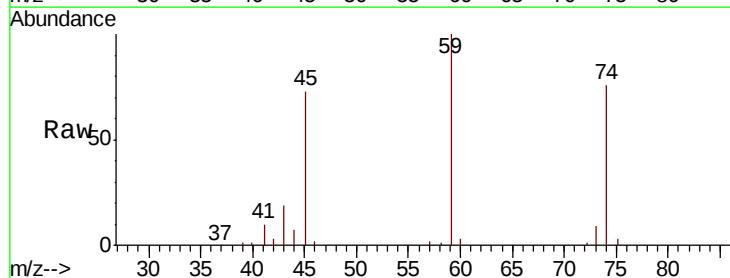
Tot Ion:101 Resp: 64507
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.9 76.3

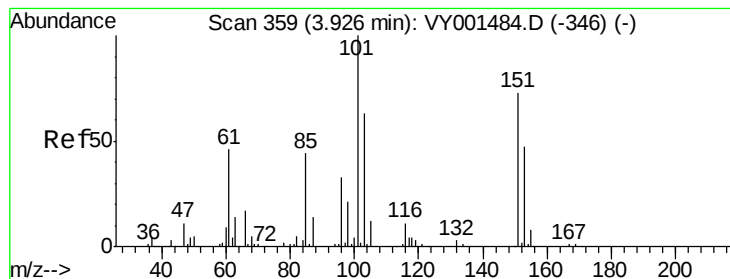


#8

Diethyl Ether
 Concen: 20.803 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

Tgt Ion: 74 Resp: 25147
 Ion Ratio Lower Upper
 74 100
 45 94.0 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.954 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

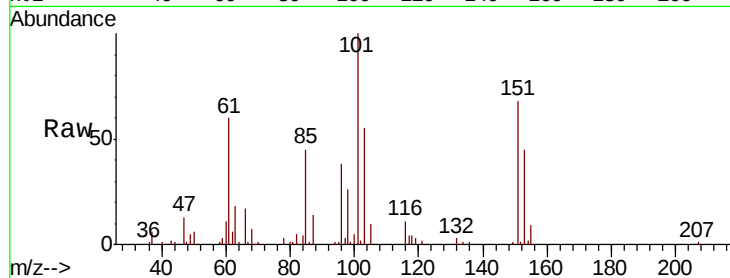
Tot Ion:101 Resp: 40852

Ion Ratio Lower Upper

101 100

85 42.3 34.6 51.8

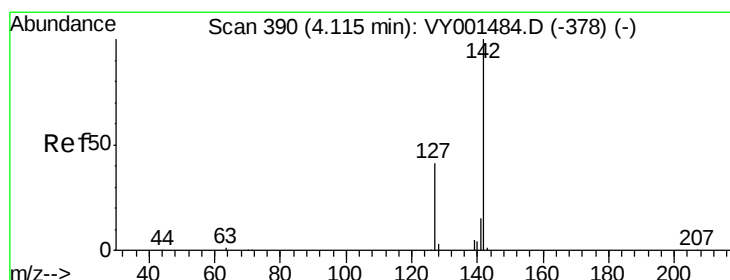
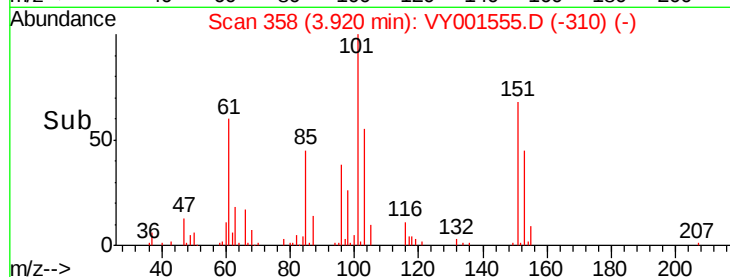
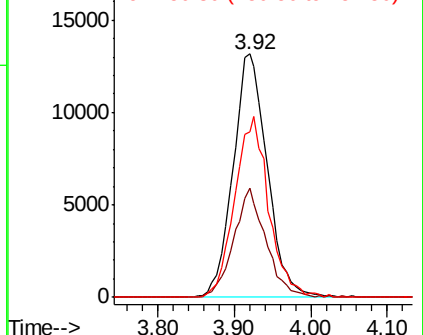
151 73.6 60.3 90.5



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: 17.703 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

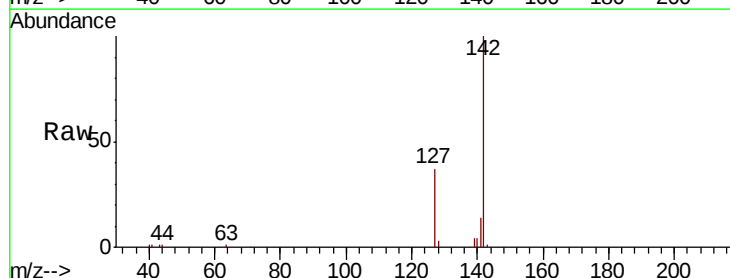
Tgt Ion:142 Resp: 48617

Ion Ratio Lower Upper

142 100

127 40.0 33.3 49.9

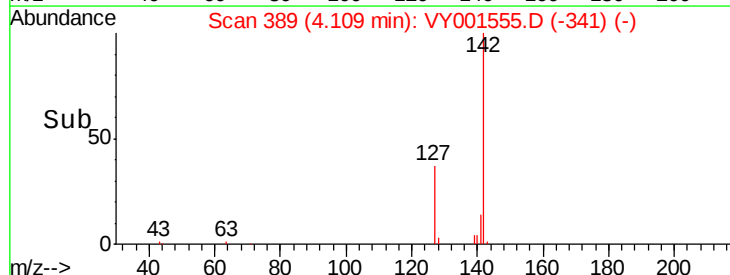
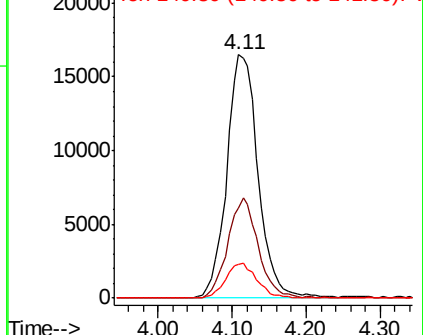
141 14.1 11.5 17.3

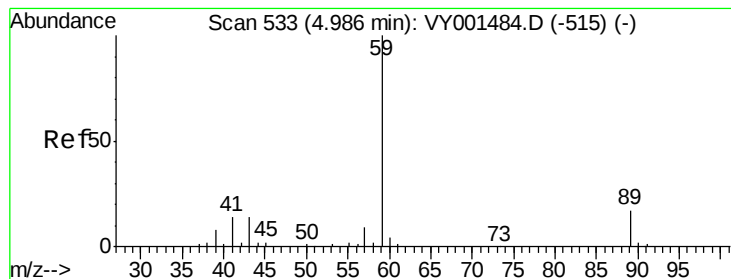


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.690 ug/l

RT: 5.00 min Scan# 535

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

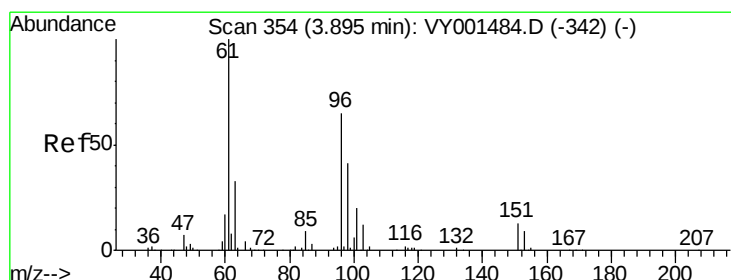
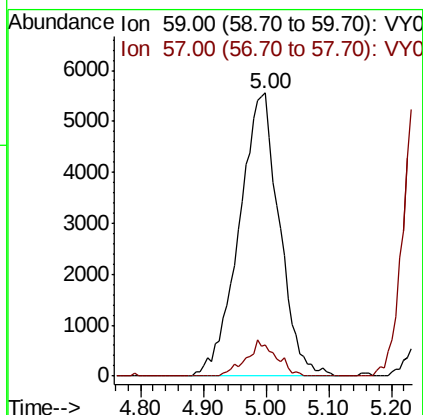
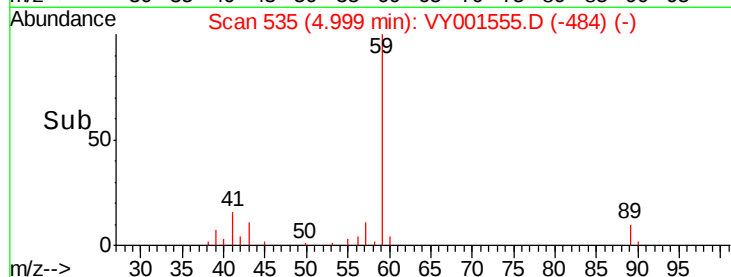
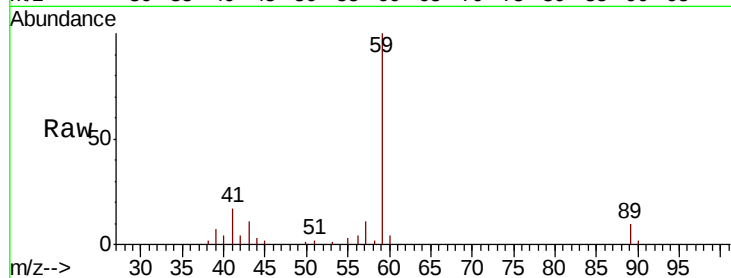
ClientSampleId :

Tot Ion: 59 Resp: 24691

Ion Ratio Lower Upper

59 100

57 9.4 7.0 10.6



#12

1,1-Dichloroethene

Concen: 18.747 ug/l

RT: 3.89 min Scan# 353

Delta R.T. -0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

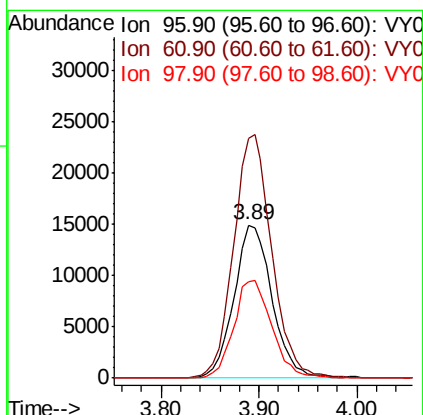
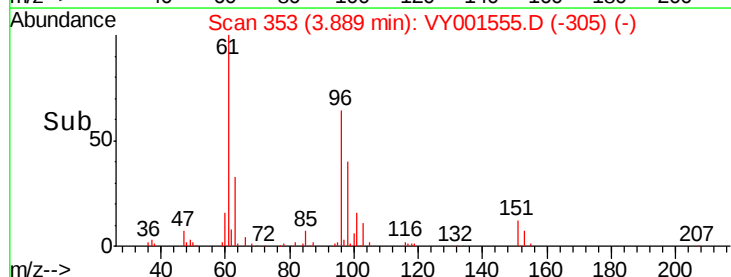
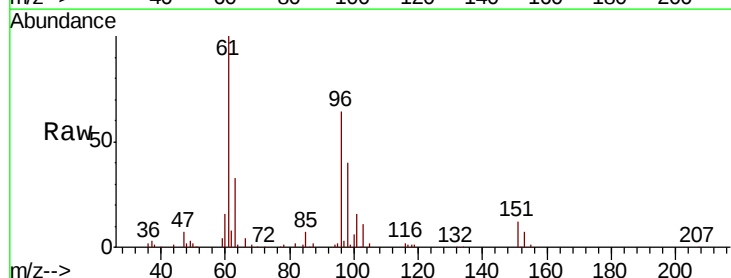
Tgt Ion: 96 Resp: 40151

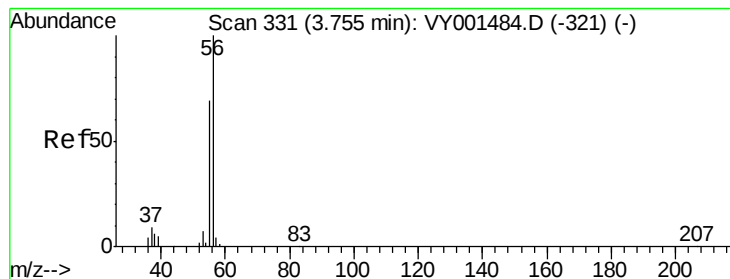
Ion Ratio Lower Upper

96 100

61 156.8 122.3 183.5

98 63.1 49.7 74.5





#13

Acrolein

Concen: 104.663 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

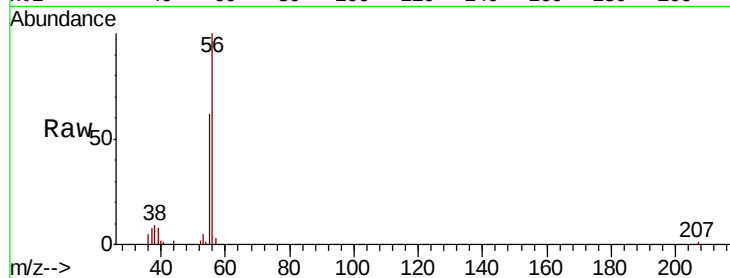
ClientSampleId :

Tot Ion: 56 Resp: 20327

Ion Ratio Lower Upper

56 100

55 69.5 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.75

8000

6000

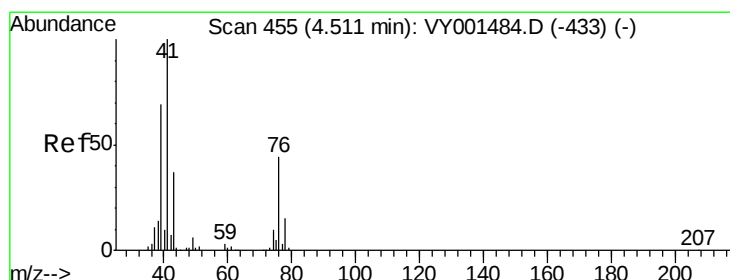
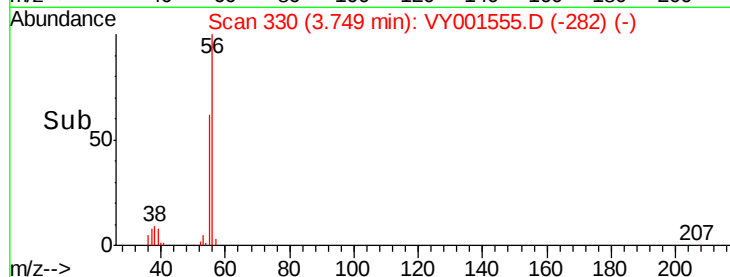
4000

2000

0

Time-->

3.70 3.80



#14

Allyl chloride

Concen: 21.634 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

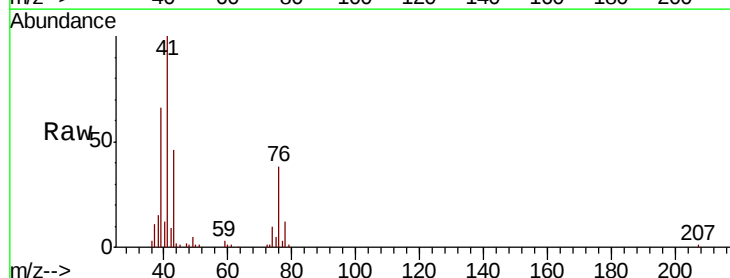
Tgt Ion: 41 Resp: 70883

Ion Ratio Lower Upper

41 100

39 63.9 53.0 79.6

76 35.5 32.6 48.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.50

30000

25000

20000

15000

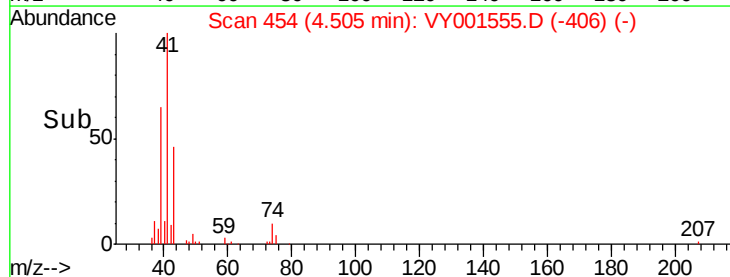
10000

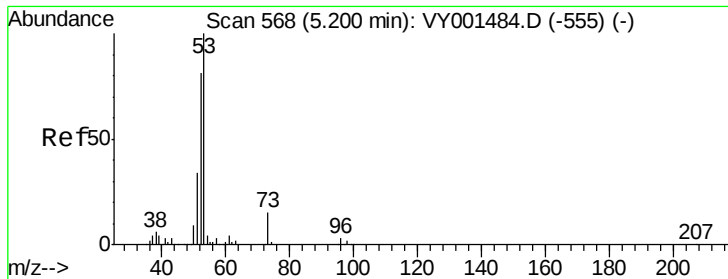
5000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 117.754 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampled :

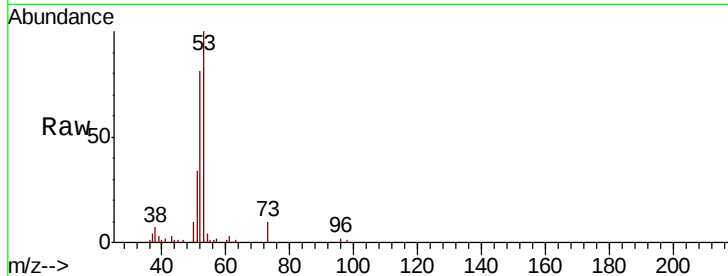
Tot Ion: 53 Resp: 65254

Ion Ratio Lower Upper

53 100

52 81.8 65.4 98.2

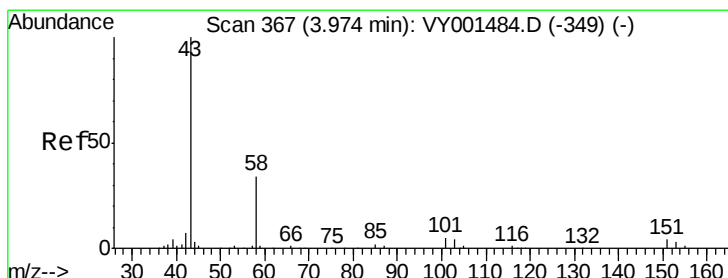
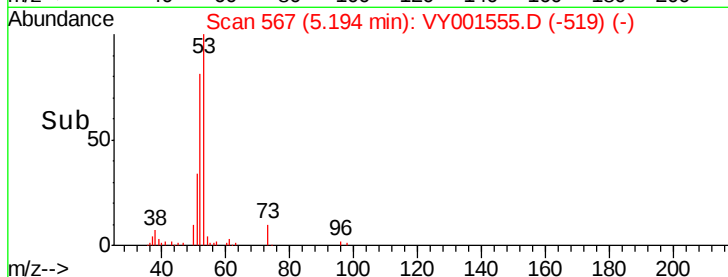
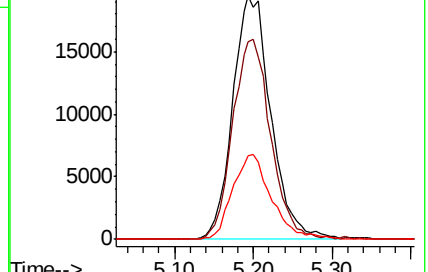
51 35.7 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY001555.D (-519) (-)

Ion 52.00 (51.70 to 52.70): VY001555.D (-519) (-)

Ion 51.00 (50.70 to 51.70): VY001555.D (-519) (-)



#16

Acetone

Concen: 99.375 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001555.D

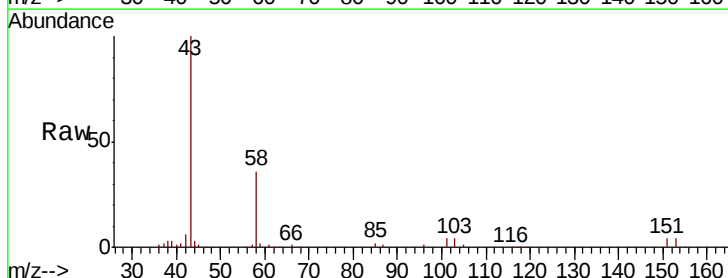
Acq: 07 Feb 2020 15:40

Tgt Ion: 43 Resp: 58959

Ion Ratio Lower Upper

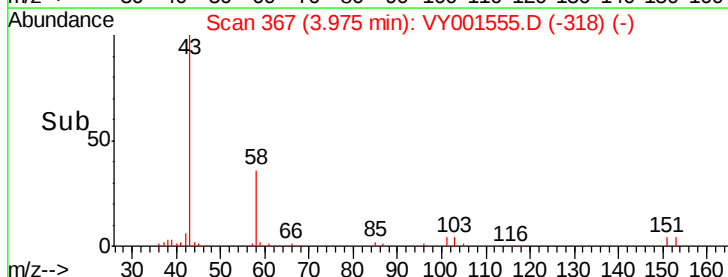
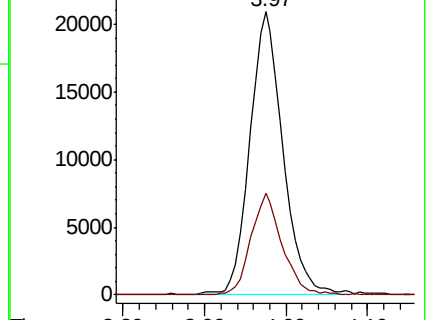
43 100

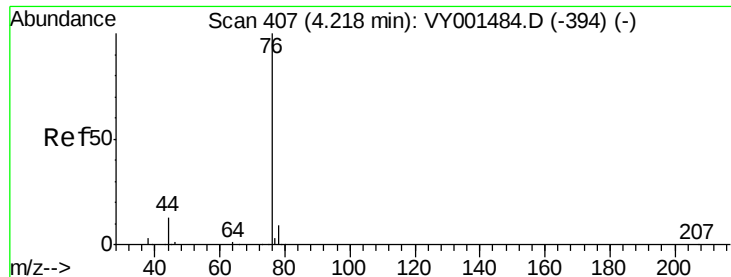
58 36.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001555.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001555.D (-318) (-)

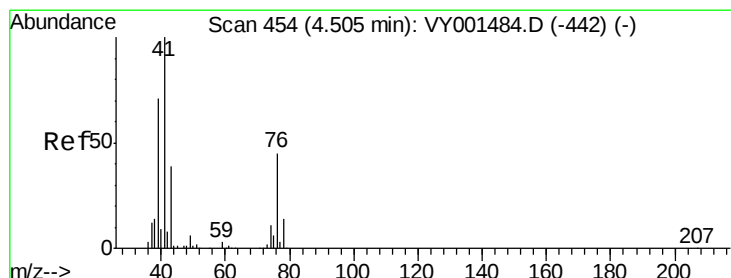
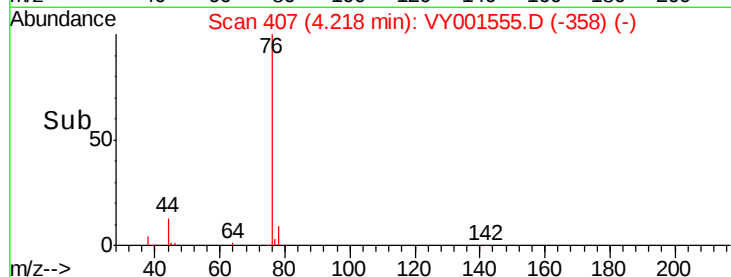
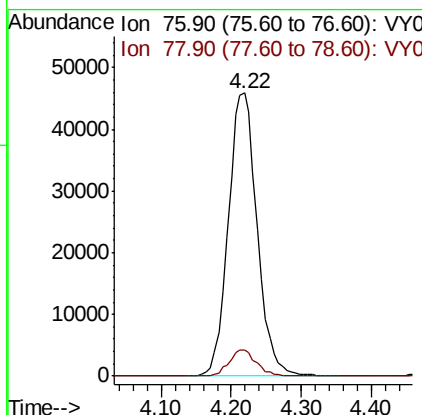
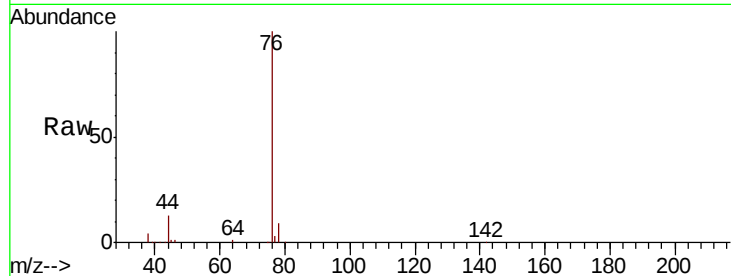




#17
Carbon Disulfide
Concen: 19.191 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

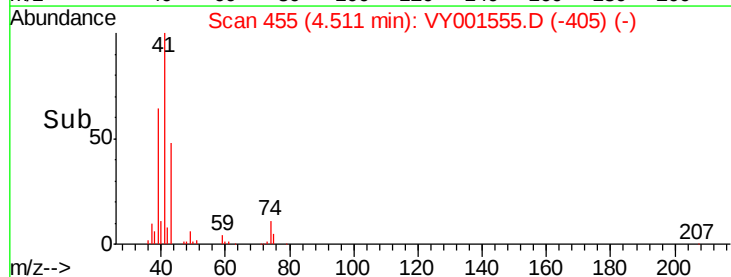
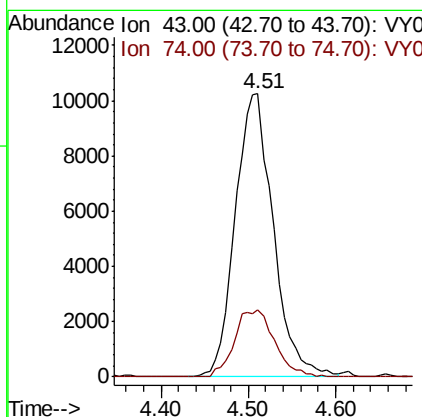
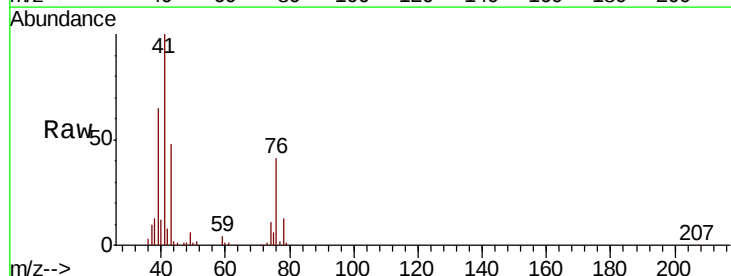
Instrument :
MSVOA_Y
ClientSampled :

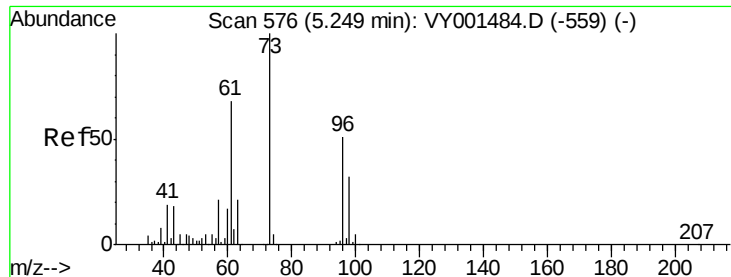
Tot Ion: 76 Resp: 130847
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 24.444 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 43 Resp: 30948
Ion Ratio Lower Upper
43 100
74 24.9 21.0 31.6

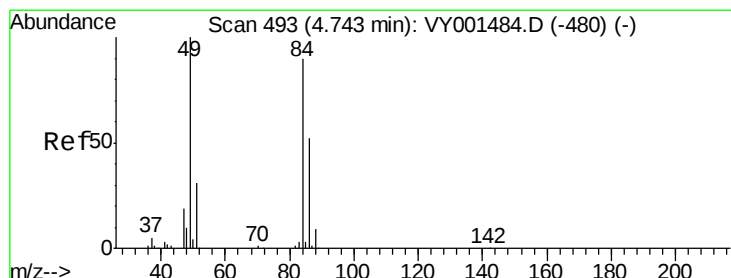
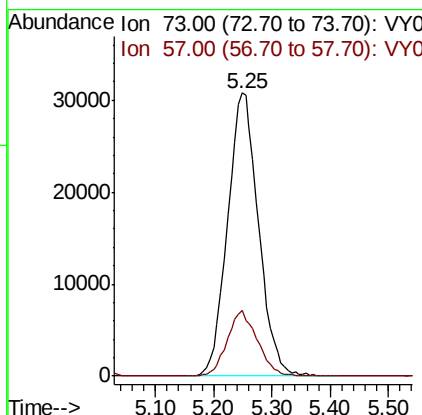
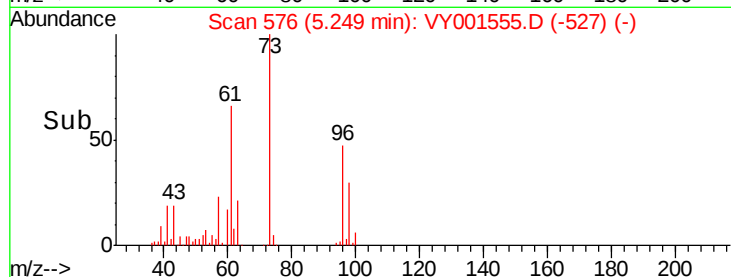
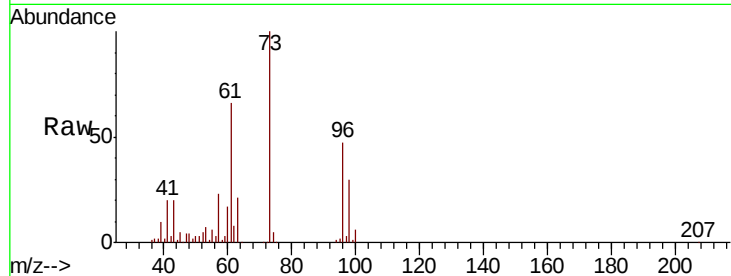




#19
Methyl tert-butyl Ether
Concen: 19.891 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

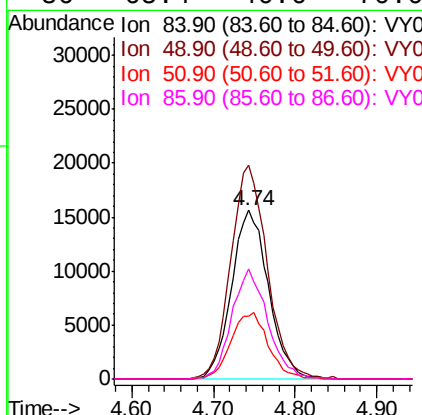
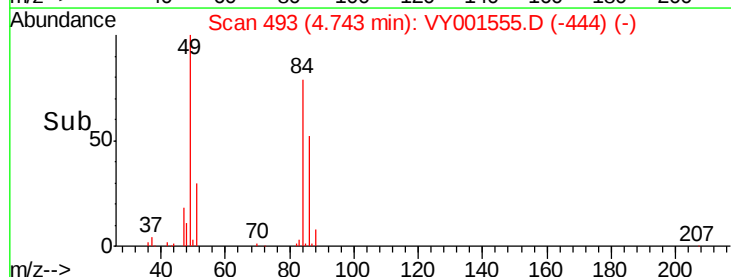
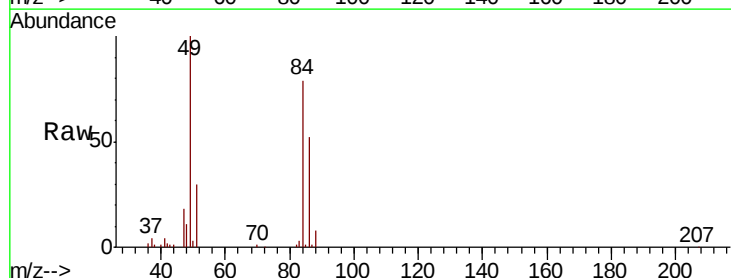
Instrument :
MSVOA_Y
ClientSampled :

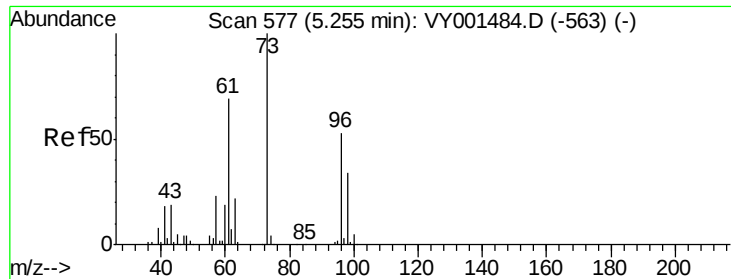
Tot Ion: 73 Resp: 113293
Ion Ratio Lower Upper
73 100
57 23.3 17.0 25.6



#20
Methylene Chloride
Concen: 18.086 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 84 Resp: 49024
Ion Ratio Lower Upper
84 100
49 126.5 89.0 133.6
51 37.4 27.4 41.2
86 65.4 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 19.168 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

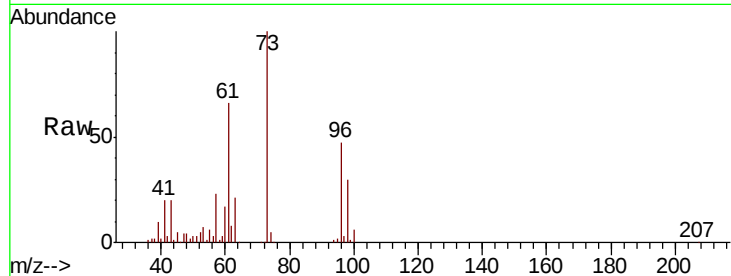
Tot Ion: 96 Resp: 45638

Ion Ratio Lower Upper

96 100

61 139.6 104.2 156.4

98 63.8 51.4 77.0

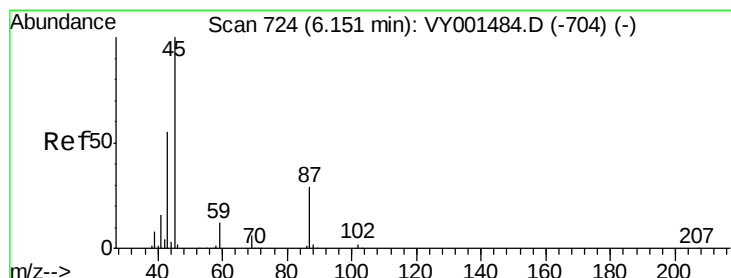
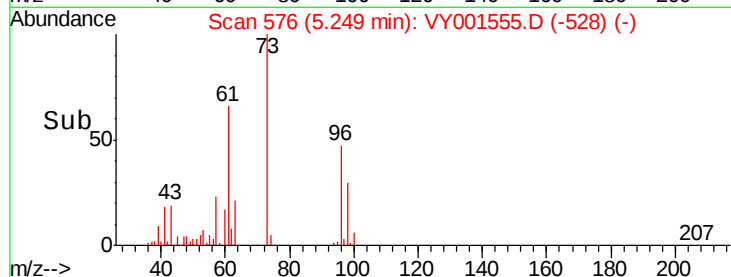
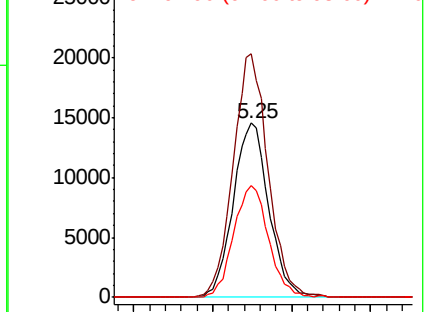


Abundance

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: 22.192 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Tgt Ion: 45 Resp: 144053

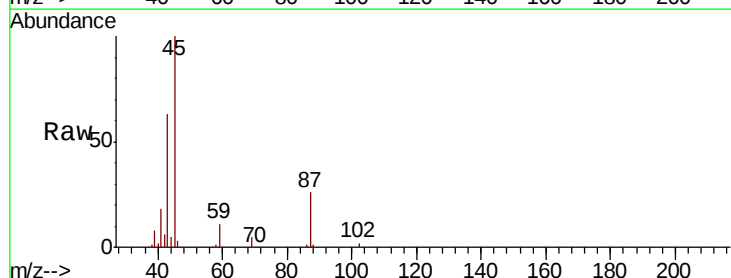
Ion Ratio Lower Upper

45 100

43 62.5 44.2 66.4

87 26.5 23.9 35.9

59 11.4 10.2 15.2



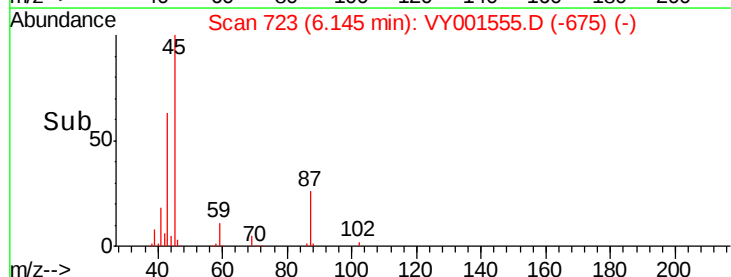
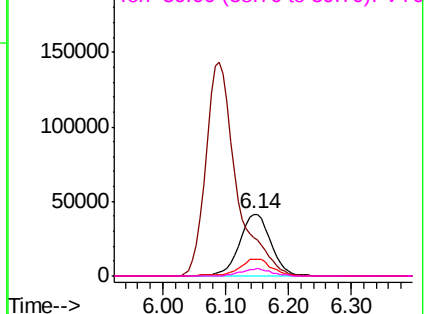
Abundance

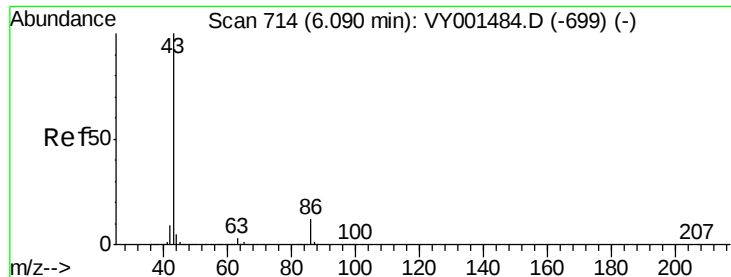
Ion 45.00 (44.70 to 45.70): VY0

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: 117.323 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

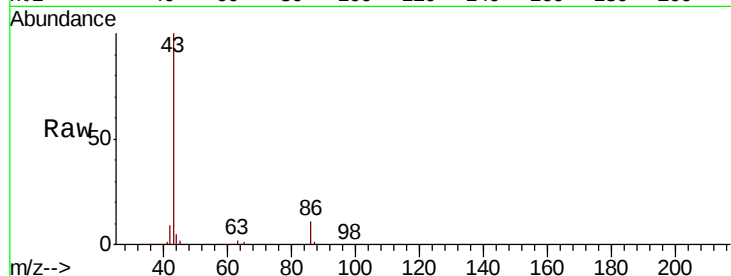
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 484810

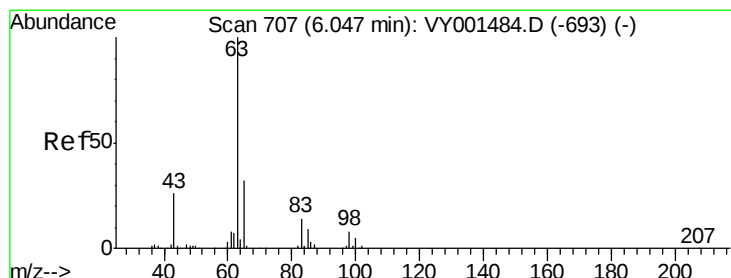
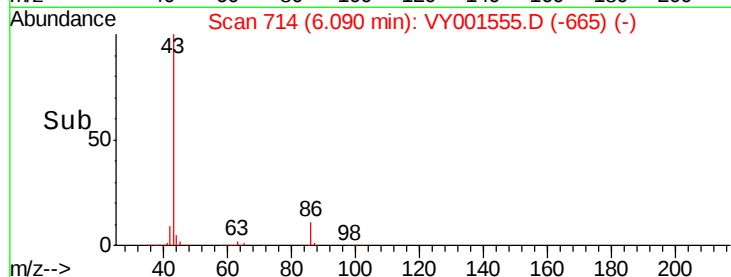
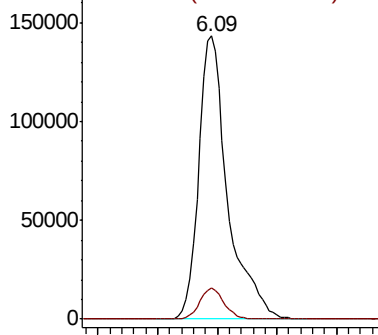
Ion Ratio Lower Upper

43 100

86 11.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.878 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

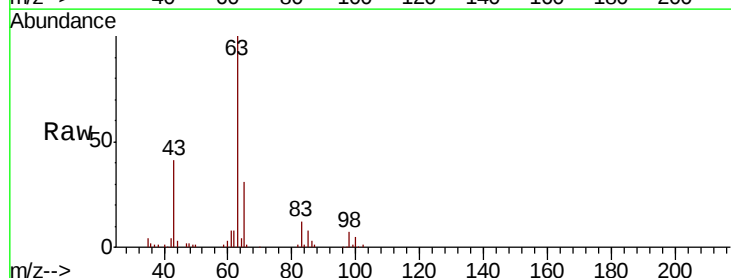
Tgt Ion: 63 Resp: 77614

Ion Ratio Lower Upper

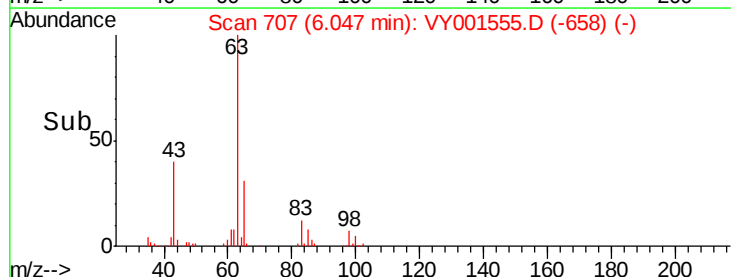
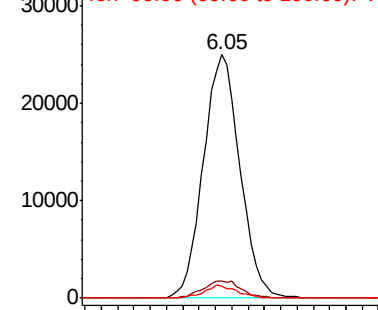
63 100

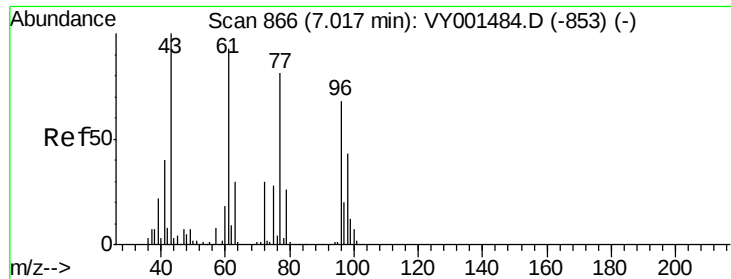
98 7.1 4.0 11.9

100 5.1 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 117.537 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

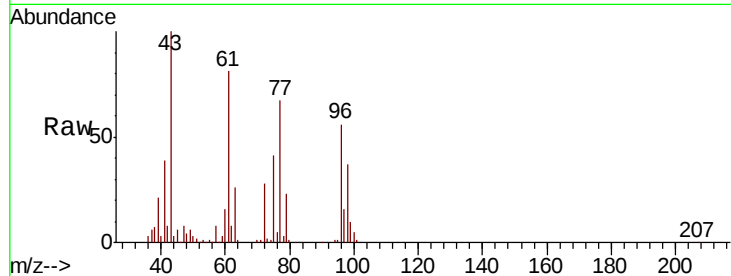
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 90470

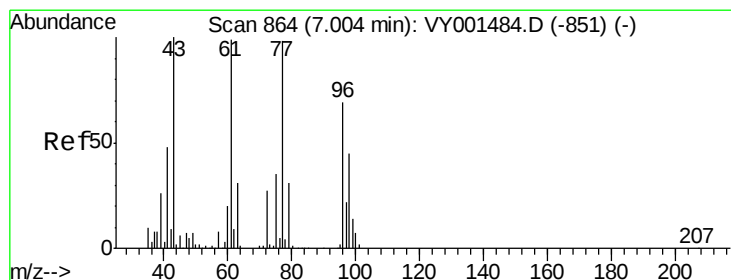
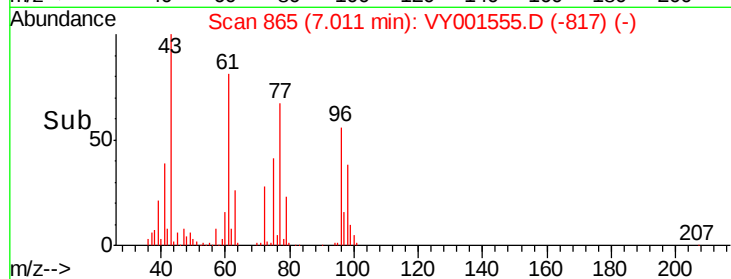
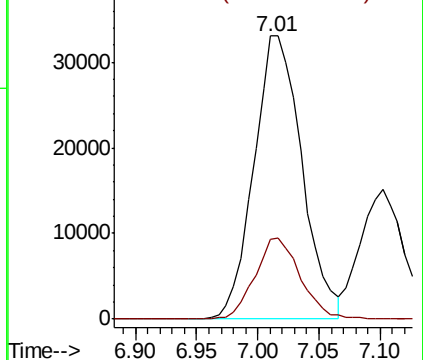
Ion Ratio Lower Upper

43 100

72 28.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 18.500 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY001555.D

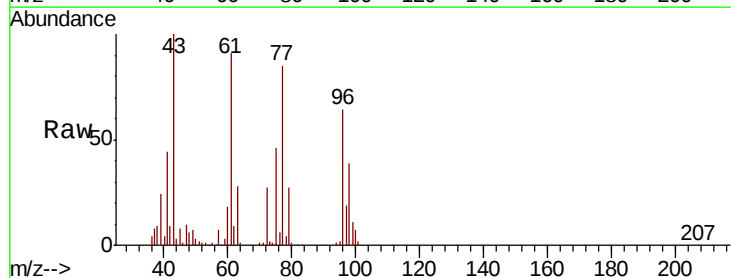
Acq: 07 Feb 2020 15:40

Tgt Ion: 77 Resp: 69131

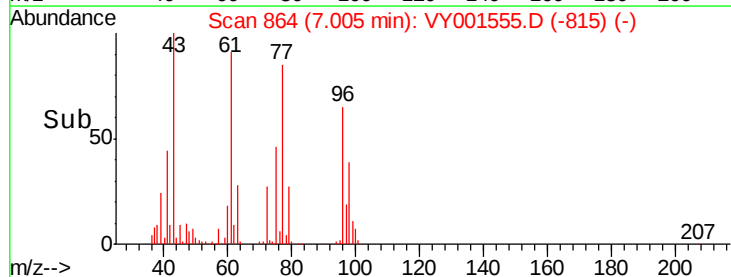
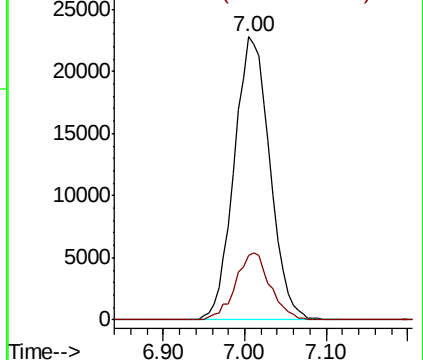
Ion Ratio Lower Upper

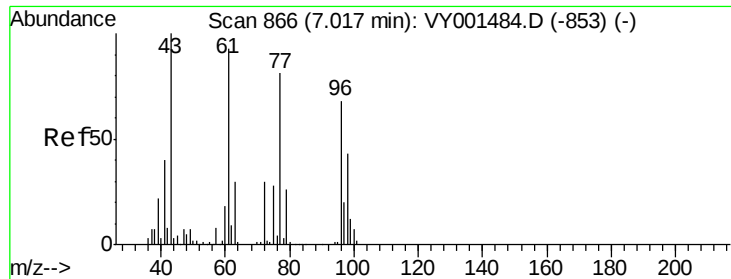
77 100

97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



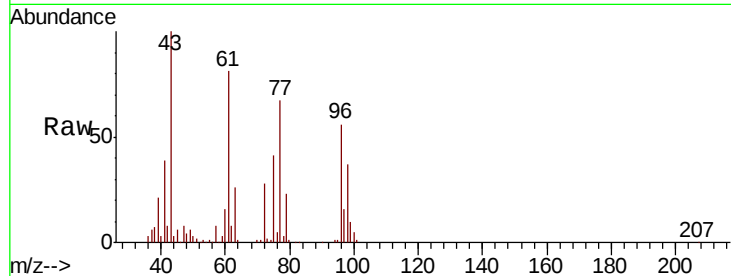


#27

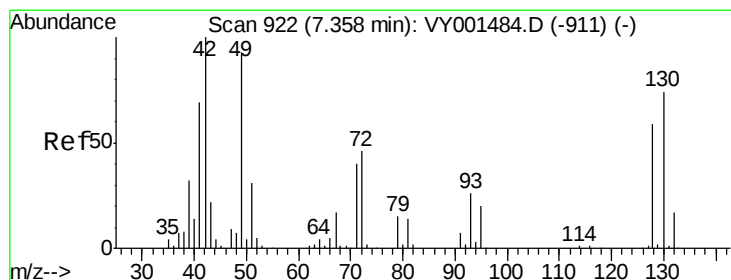
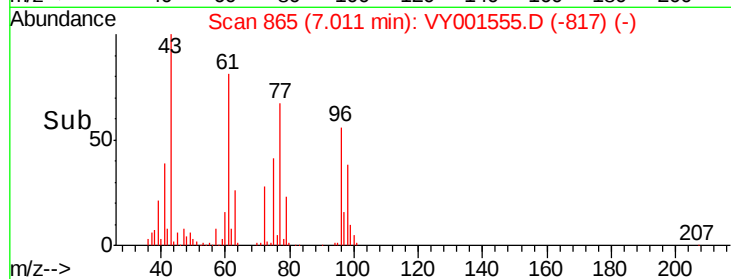
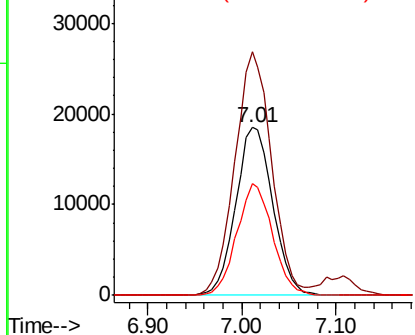
cis-1,2-Dichloroethene
 Concen: 19.597 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 50962
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 278.8
 98 63.8 0.0 128.8



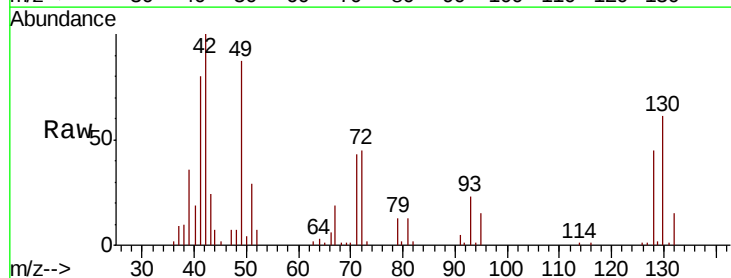
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



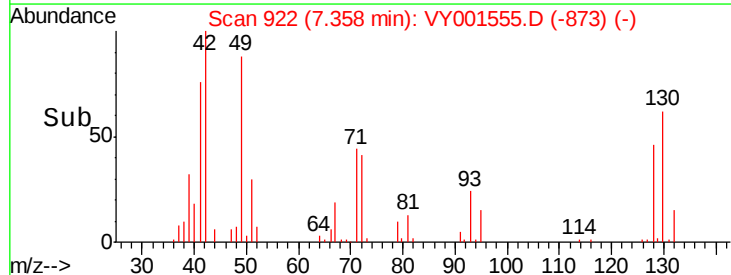
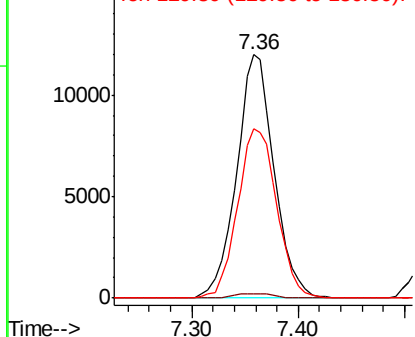
#28

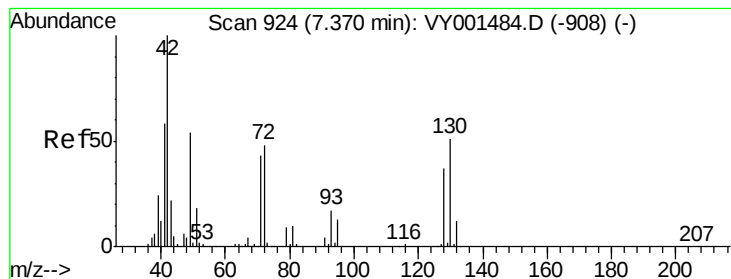
Bromochloromethane
 Concen: 22.198 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

Tgt Ion: 49 Resp: 29525
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 72.7 65.4 98.2



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 125.302 ug/l

RT: 7.37 min Scan# 924

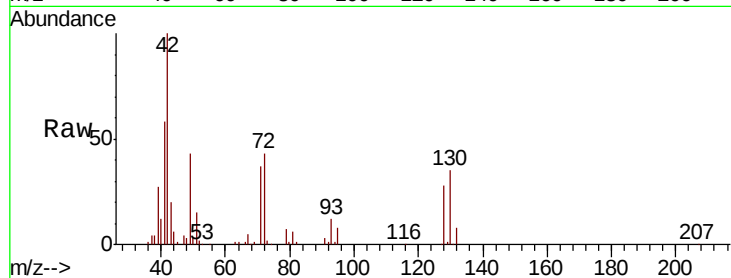
Delta R.T. 0.00 min

Lab File: VY001555.D

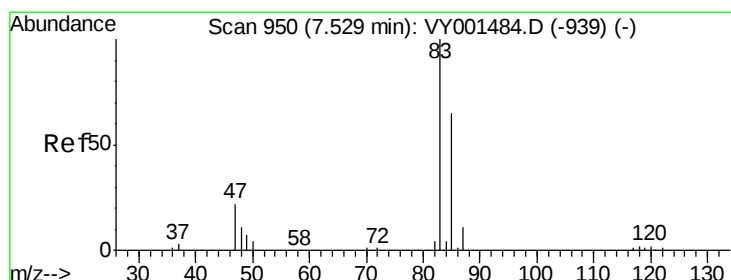
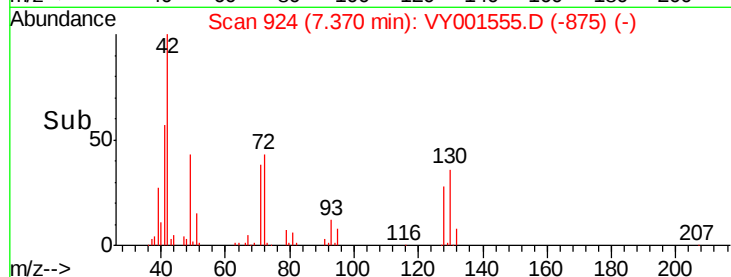
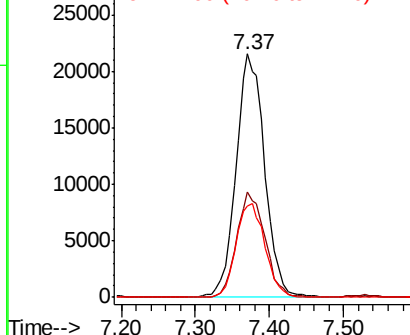
Acq: 07 Feb 2020 15:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	42	Resp:	57807
Ion	Ratio	Lower	Upper
42	100		
72	42.9	37.8	56.6
71	39.2	34.8	52.2



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



#30

Chloroform

Concen: 19.053 ug/l

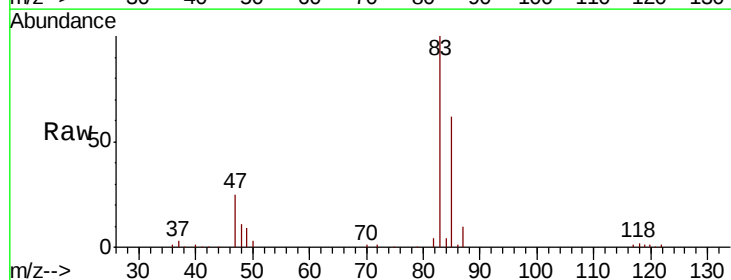
RT: 7.53 min Scan# 951

Delta R.T. 0.01 min

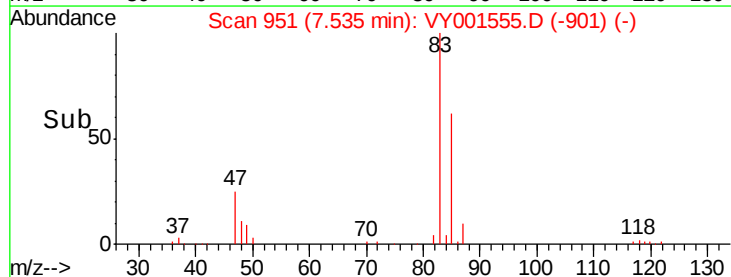
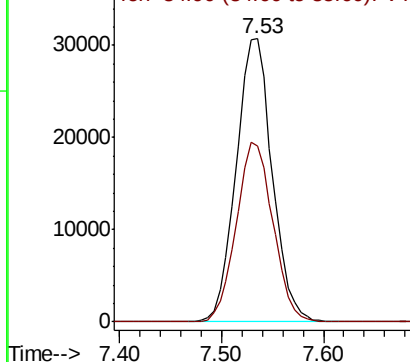
Lab File: VY001555.D

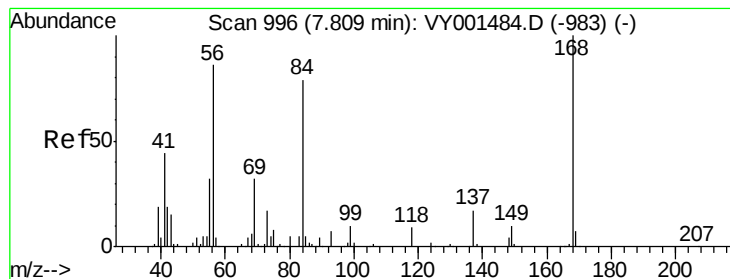
Acq: 07 Feb 2020 15:40

Tgt Ion:	83	Resp:	75352
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.4	78.6



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





#31

Cyclohexane

Concen: 20.745 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :
MSVOA_Y
ClientSampleId :

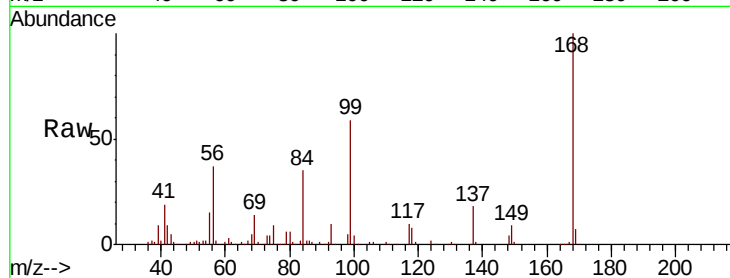
Tot Ion: 56 Resp: 82854

Ion Ratio Lower Upper

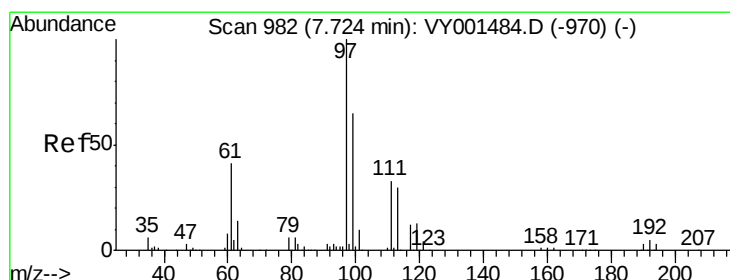
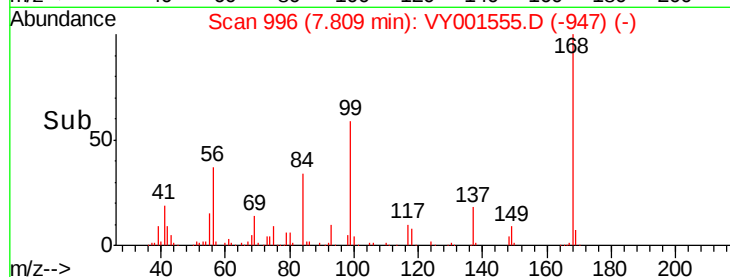
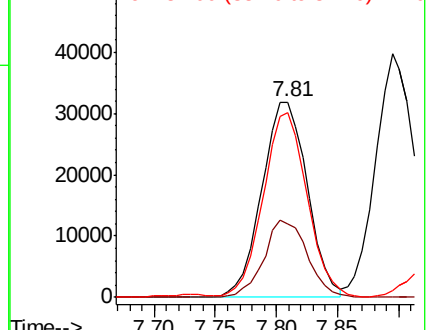
56 100

69 37.8 29.6 44.4

84 93.2 73.6 110.4



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: 18.687 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

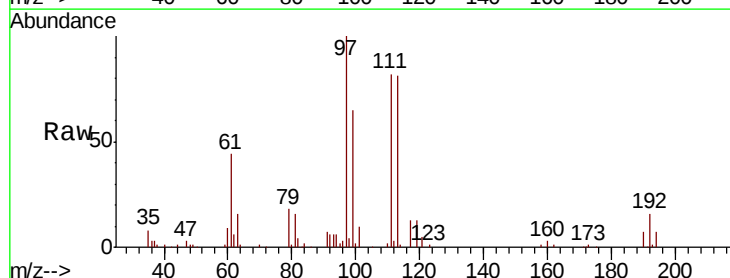
Tgt Ion: 97 Resp: 67006

Ion Ratio Lower Upper

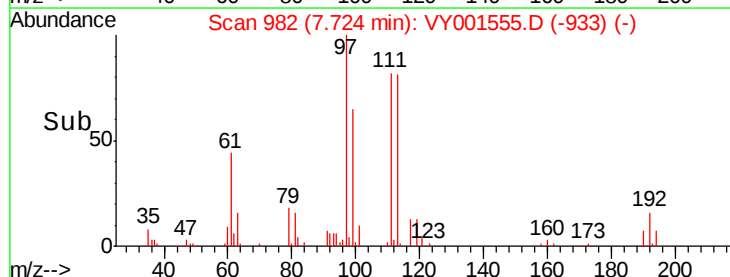
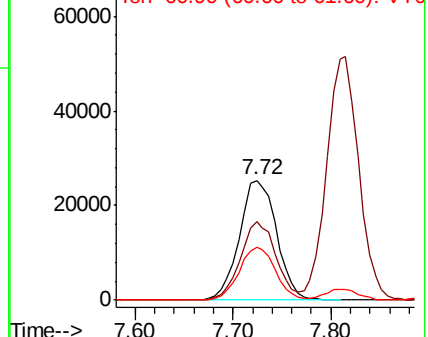
97 100

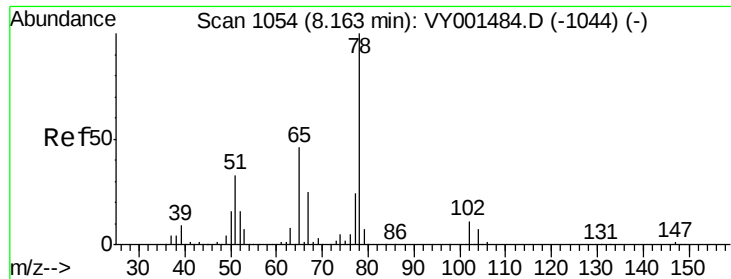
99 62.4 51.8 77.8

61 42.8 32.5 48.7



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

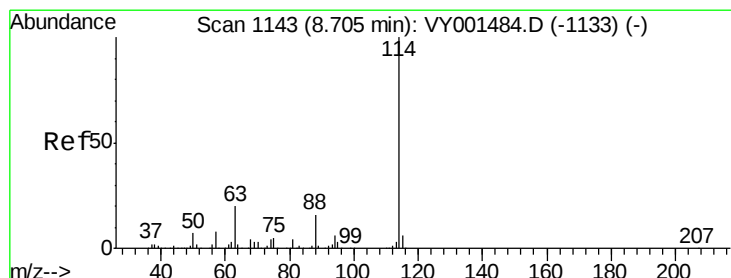
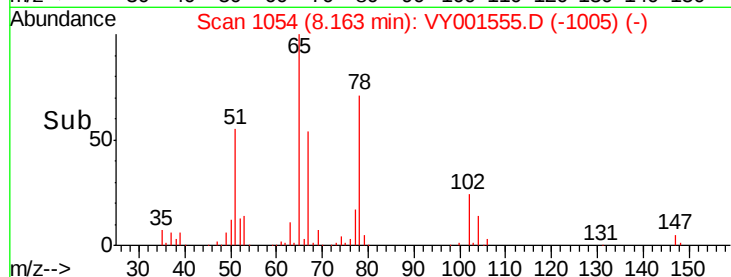
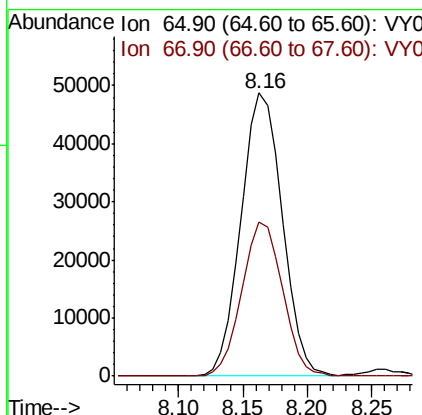
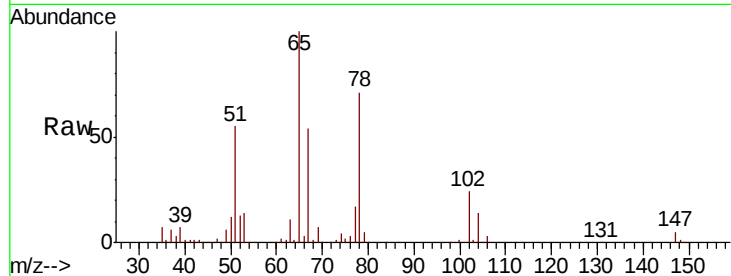




#33
 1,2-Dichloroethane-d4
 Concen: 52.879 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

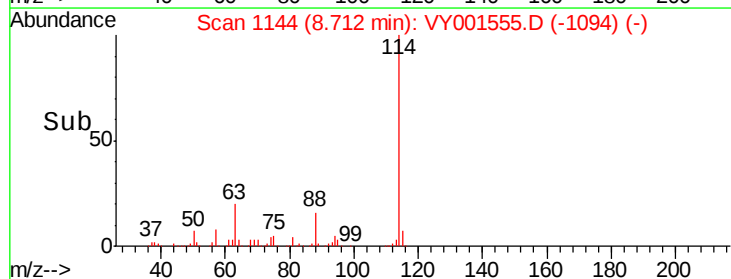
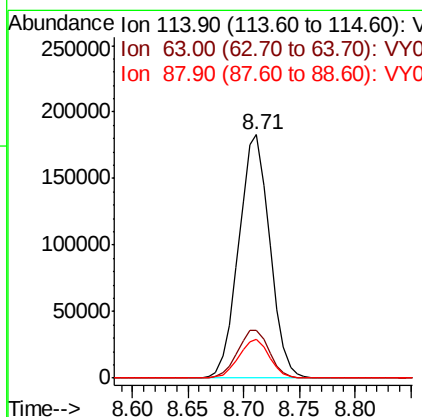
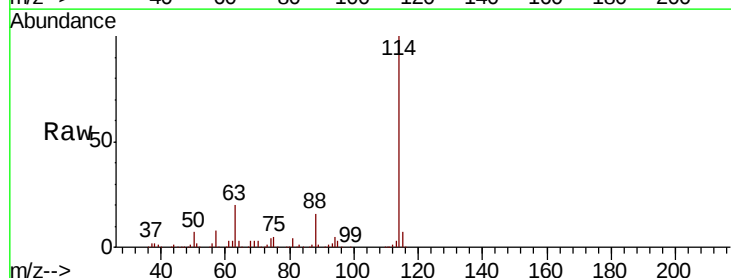
Instrument :
 MSVOA_Y
 ClientSampled :

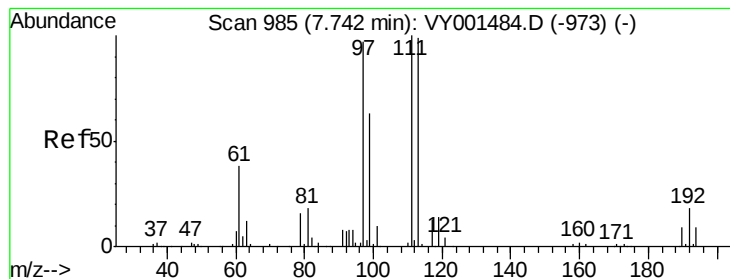
Tot Ion: 65 Resp: 108459
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

Tgt Ion: 114 Resp: 354540
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.436 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :
MSVOA_Y
ClientSampleId :

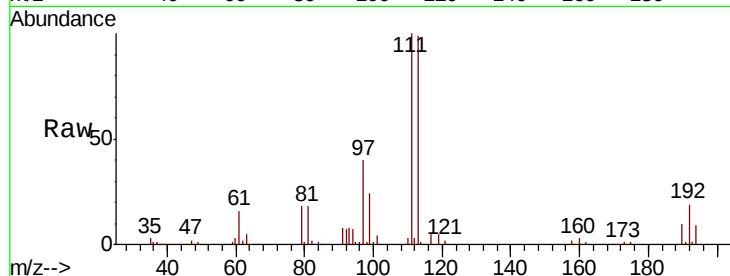
Tot Ion:113 Resp: 99024

Ion Ratio Lower Upper

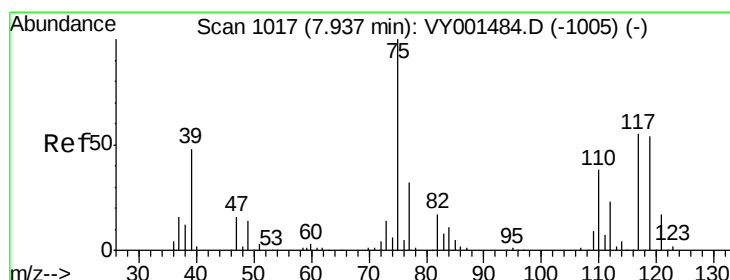
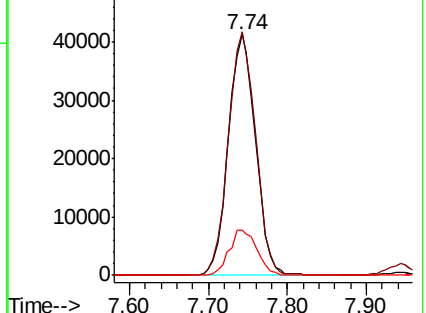
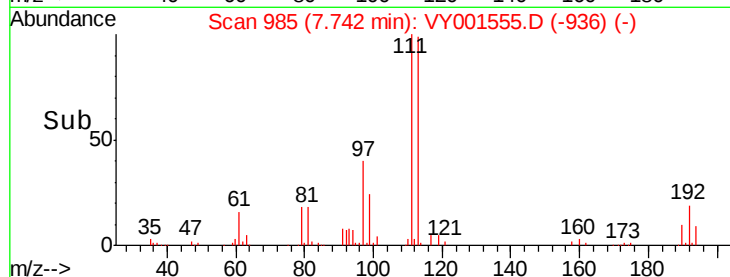
113 100

111 101.6 82.9 124.3

192 19.3 14.6 22.0



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.545 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

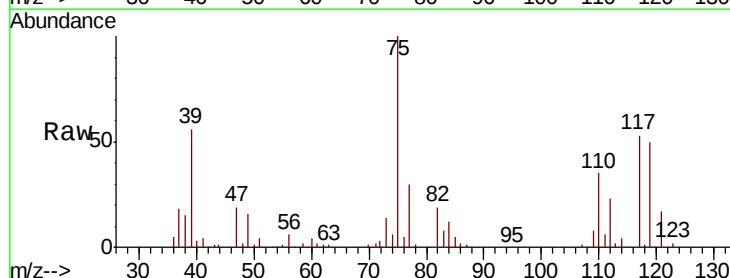
Tgt Ion: 75 Resp: 63393

Ion Ratio Lower Upper

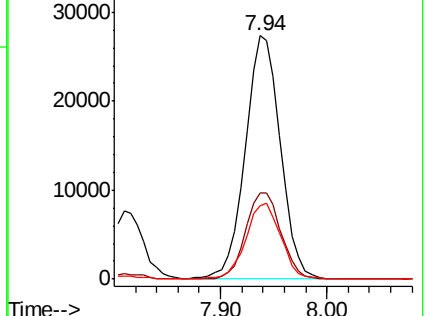
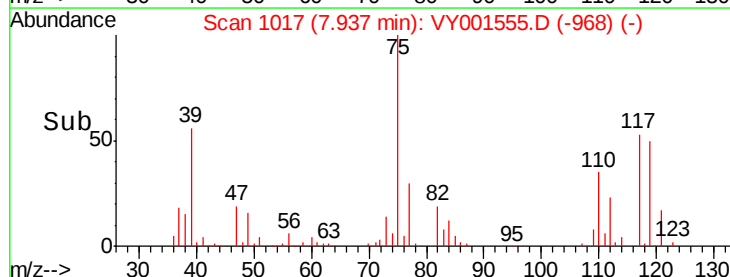
75 100

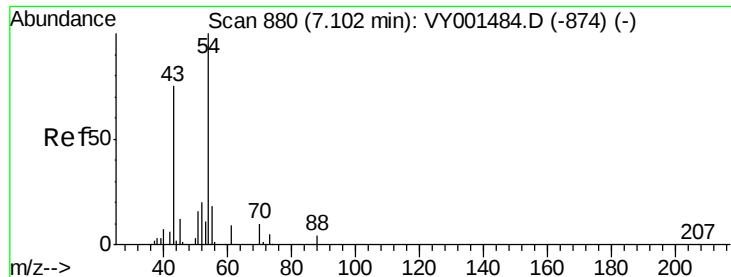
110 35.7 18.2 54.6

77 31.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

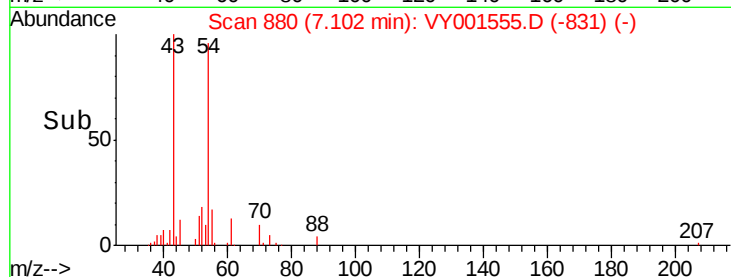
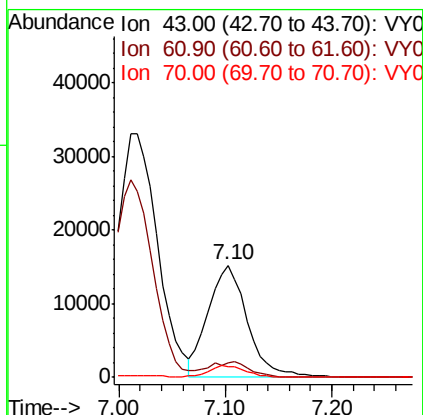
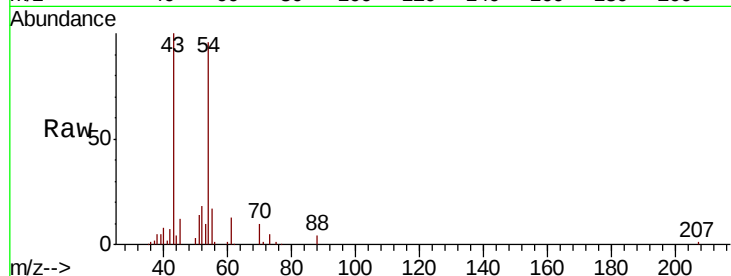




#37
Ethyl Acetate
Concen: 24.498 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

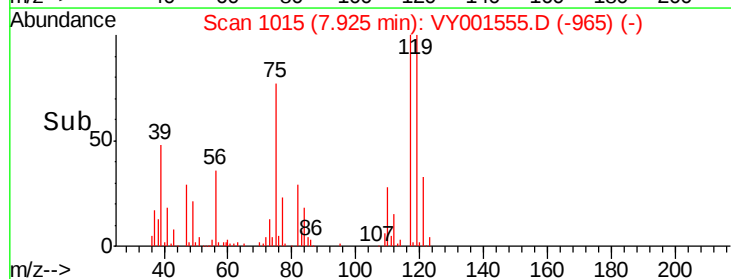
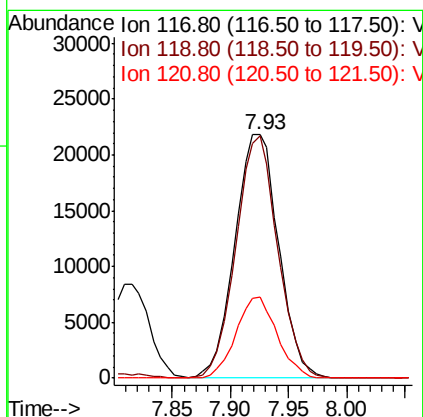
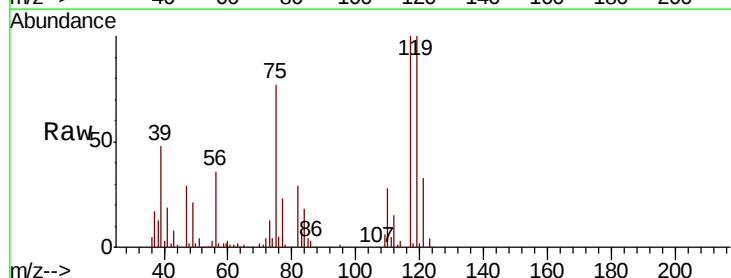
Instrument :
MSVOA_Y
ClientSampled :

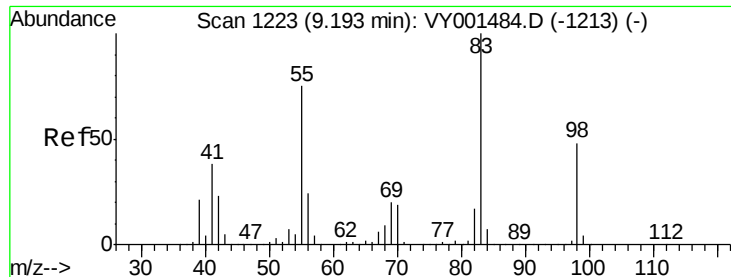
Tot Ion: 43 Resp: 38464
Ion Ratio Lower Upper
43 100
61 14.0 12.0 18.0
70 10.2 10.2 15.4



#38
Carbon Tetrachloride
Concen: 18.145 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 117 Resp: 56939
Ion Ratio Lower Upper
117 100
119 99.5 76.4 114.6
121 33.2 24.2 36.4

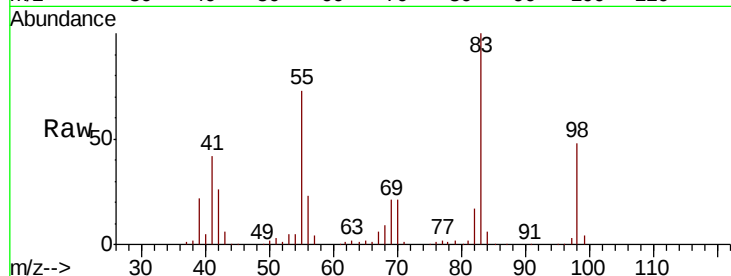




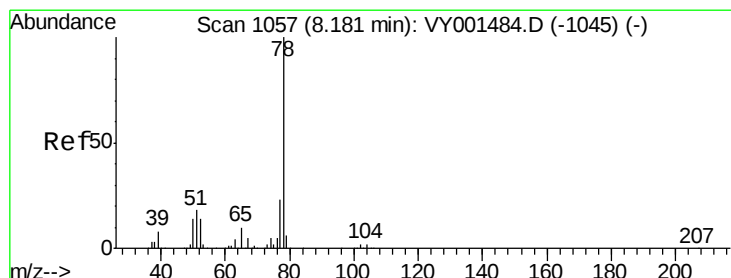
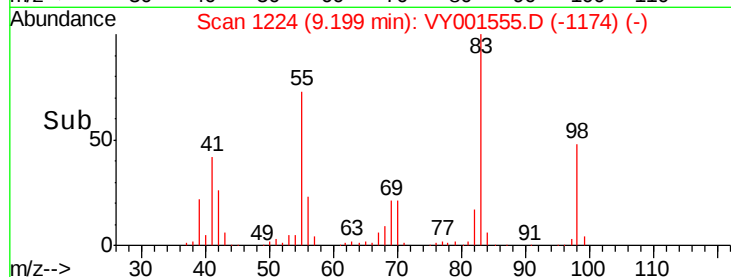
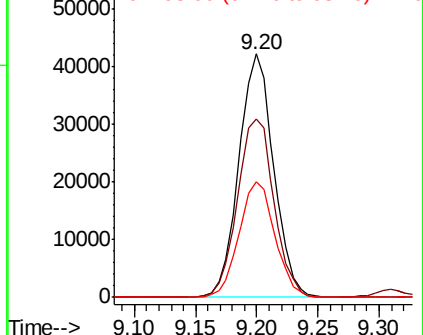
#39
Methvlcvclohexane
Concen: 19.511 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 83322
Ion Ratio Lower Upper
83 100
55 73.1 59.8 89.6
98 47.7 38.6 57.8

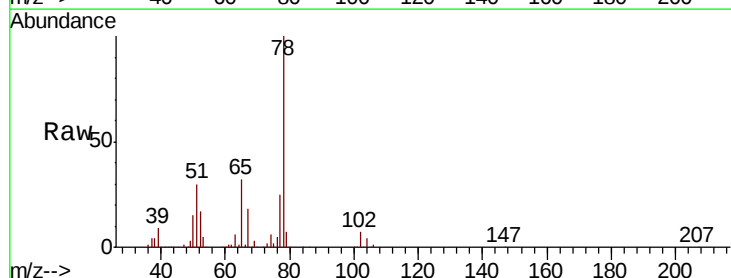


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

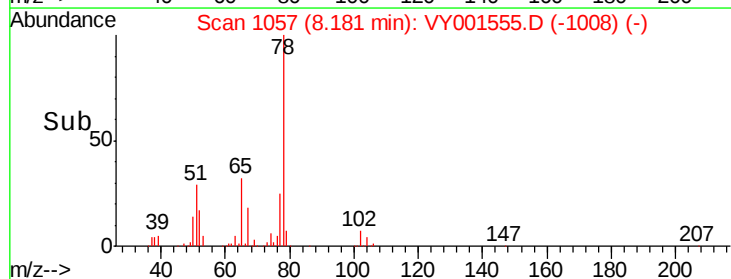
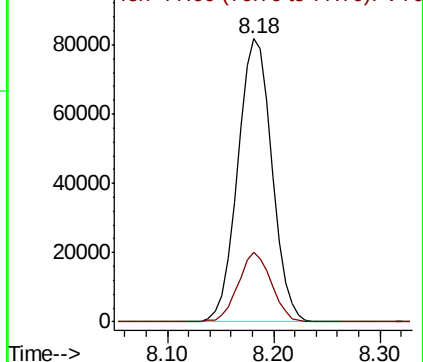


#40
Benzene
Concen: 19.956 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 78 Resp: 184620
Ion Ratio Lower Upper
78 100
77 24.8 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

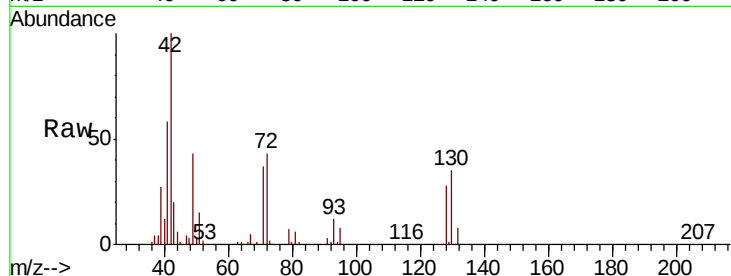




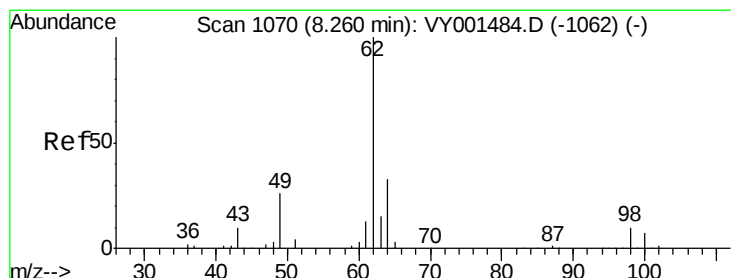
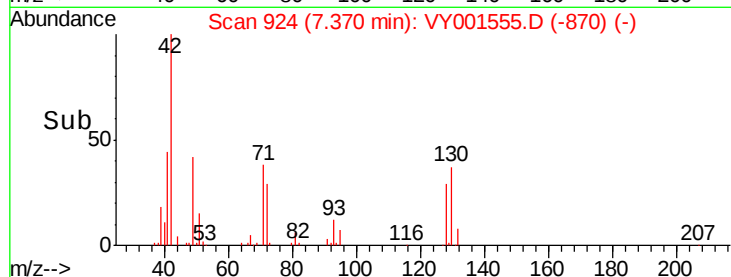
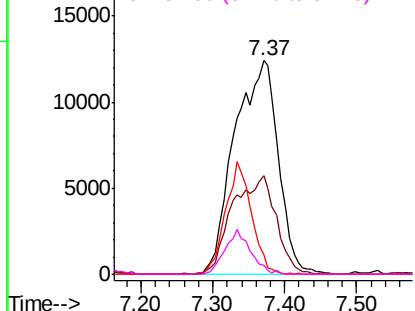
#41
Methacrylonitrile
Concen: 71.699 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 52175
Ion Ratio Lower Upper
41 100
39 46.2 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

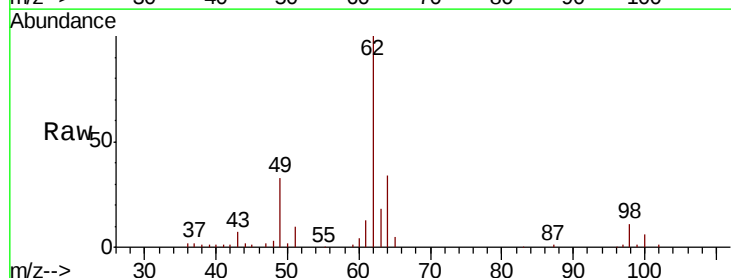


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

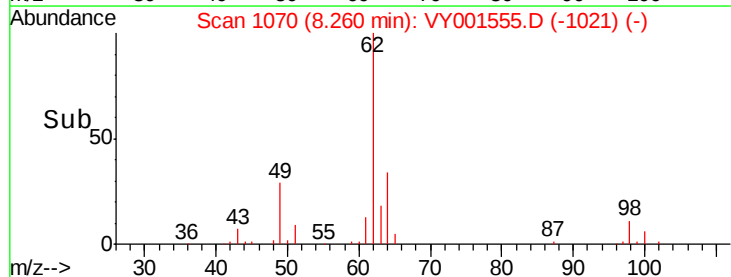
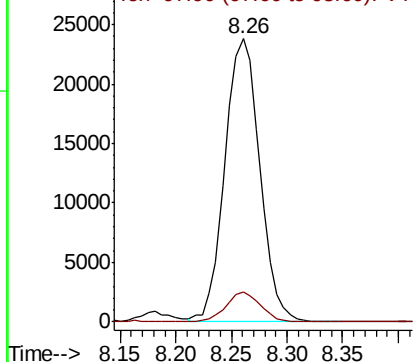


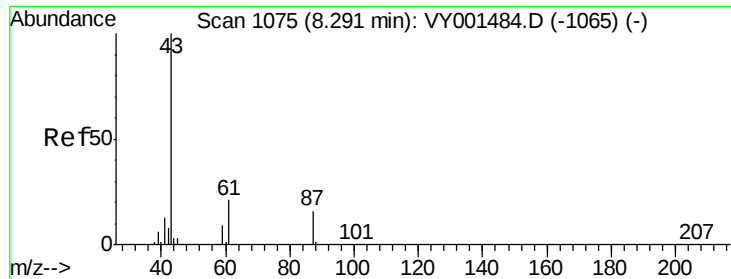
#42
1,2-Dichloroethane
Concen: 20.101 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 62 Resp: 51807
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.0



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

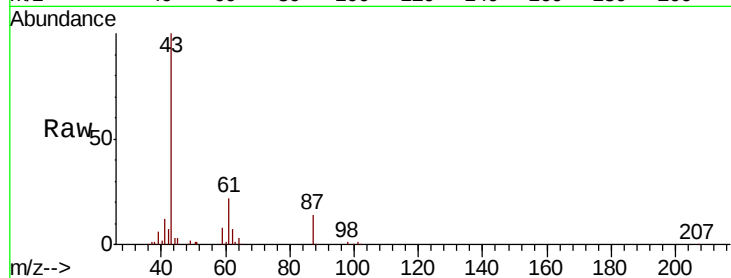




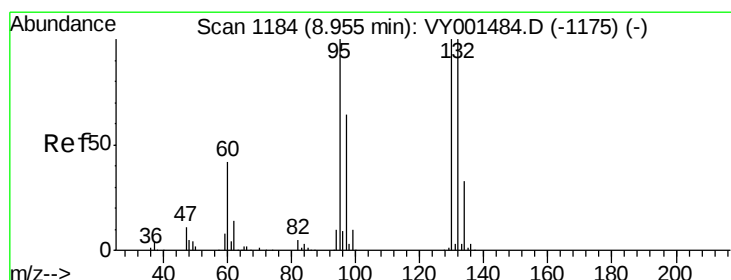
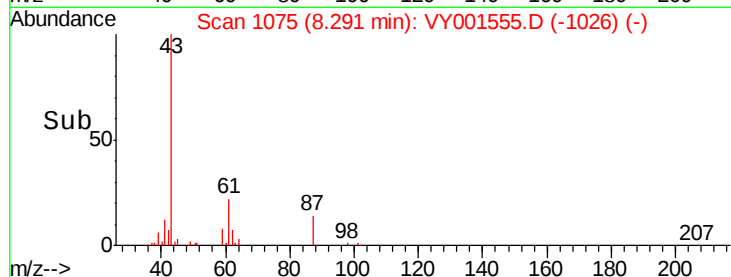
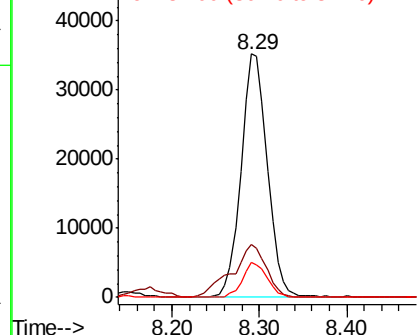
#43
Isopropyl Acetate
Concen: 23.804 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 74000
Ion Ratio Lower Upper
43 100
61 28.4 25.1 37.7
87 13.4 12.6 19.0

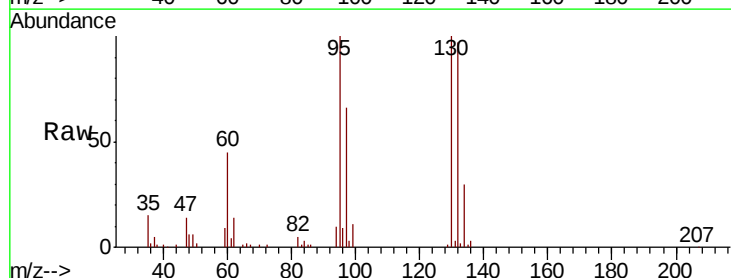


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

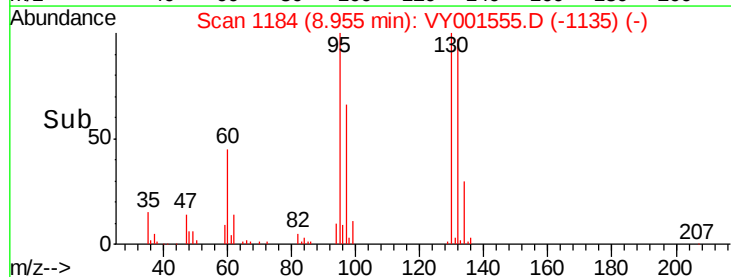
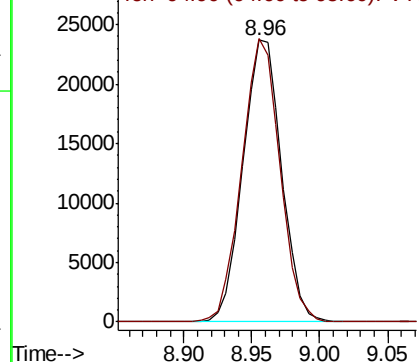


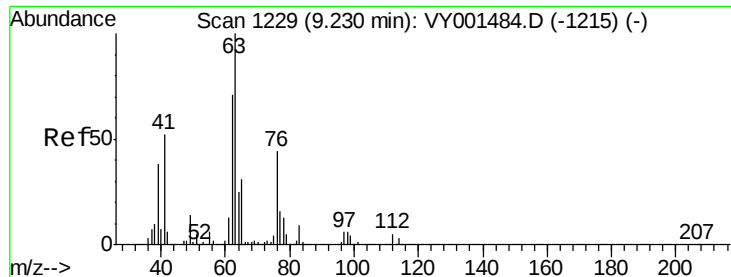
#44
Trichloroethene
Concen: 18.836 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion:130 Resp: 46970
Ion Ratio Lower Upper
130 100
95 100.5 0.0 199.2



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





#45

1,2-Dichloropropane

Concen: 21.253 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

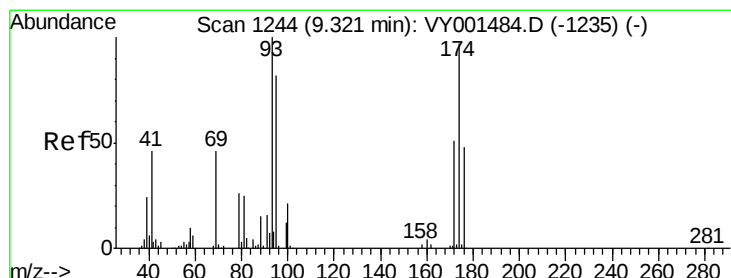
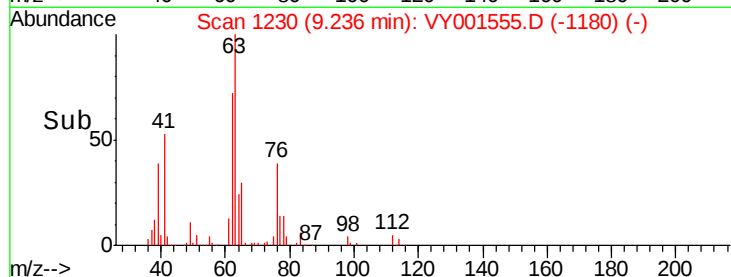
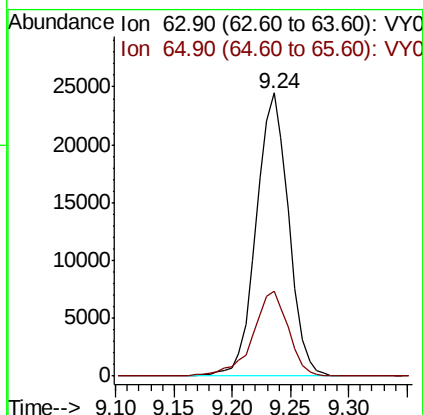
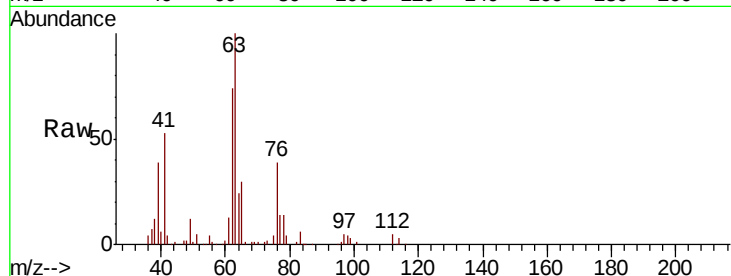
ClientSampled :

Tot Ion: 63 Resp: 47478

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4



#46

Dibromomethane

Concen: 19.804 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

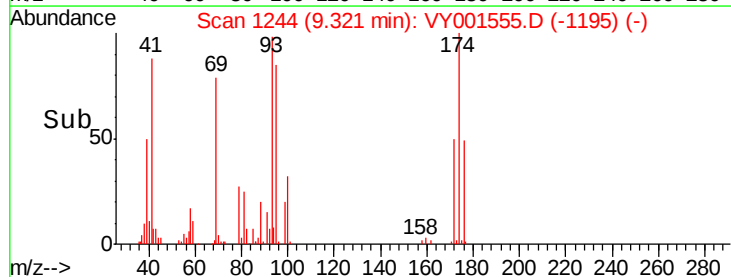
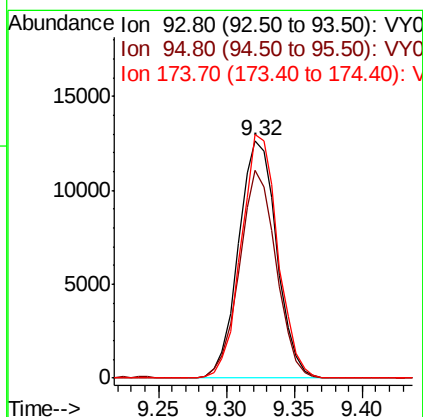
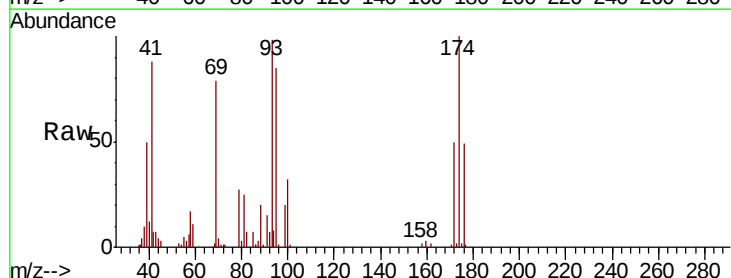
Tgt Ion: 93 Resp: 24842

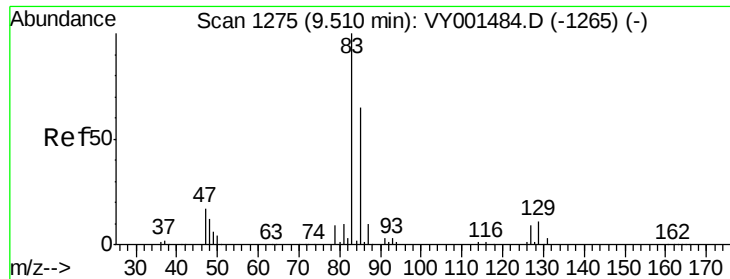
Ion Ratio Lower Upper

93 100

95 83.8 66.6 99.8

174 98.3 75.4 113.2





#47

Bromodichloromethane

Concen: 19.439 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

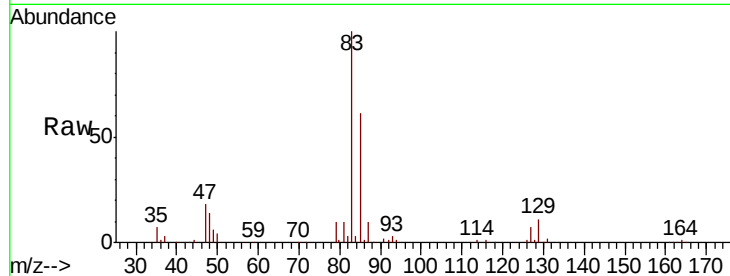
Tot Ion: 83 Resp: 59413

Ion Ratio Lower Upper

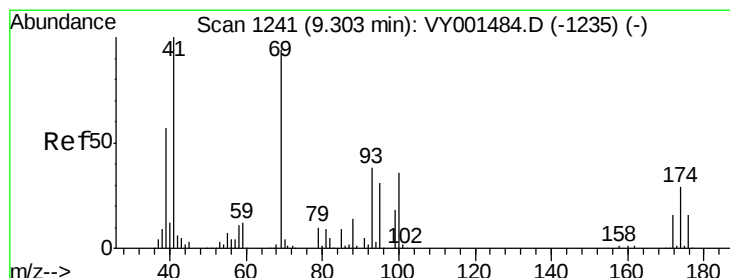
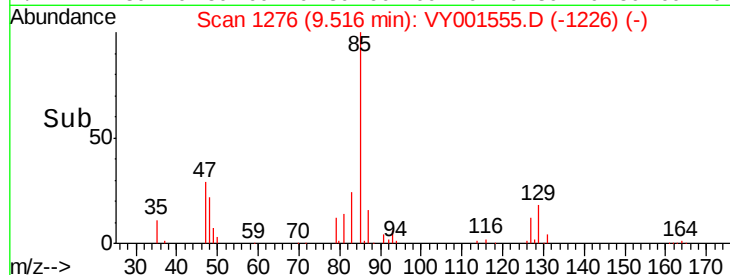
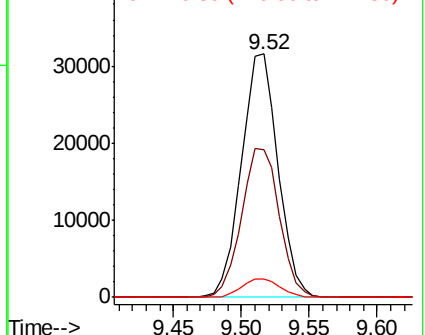
83 100

85 60.7 51.9 77.9

127 7.5 6.9 10.3



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: 22.956 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

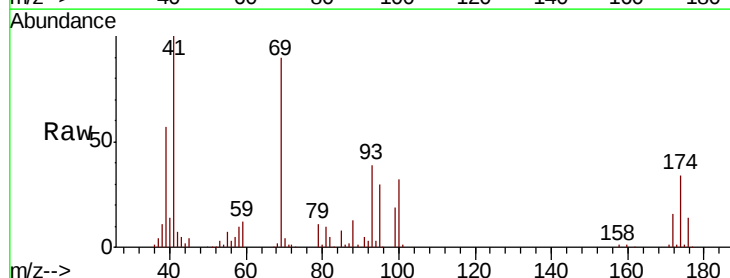
Tgt Ion: 41 Resp: 32390

Ion Ratio Lower Upper

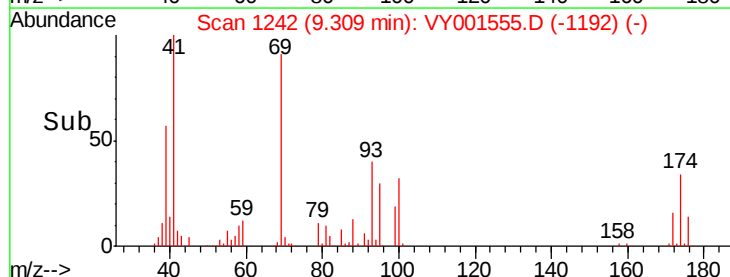
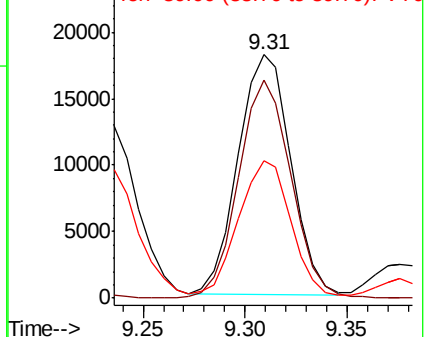
41 100

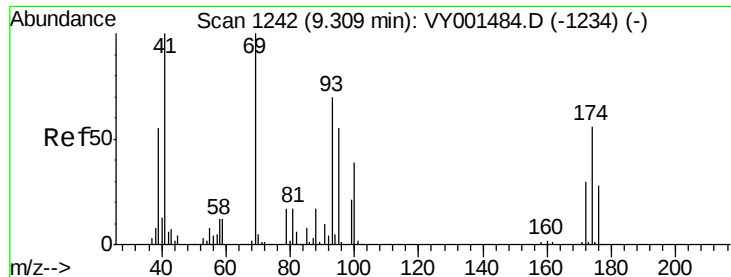
69 90.5 76.6 114.8

39 55.1 45.4 68.0



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

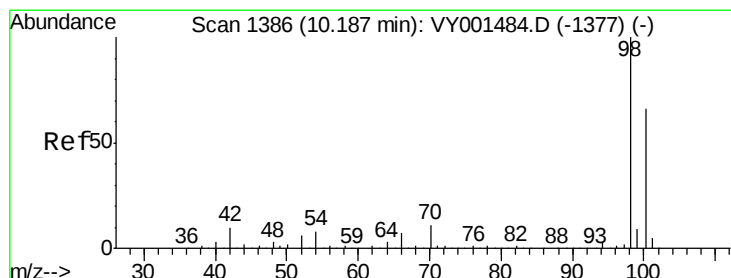
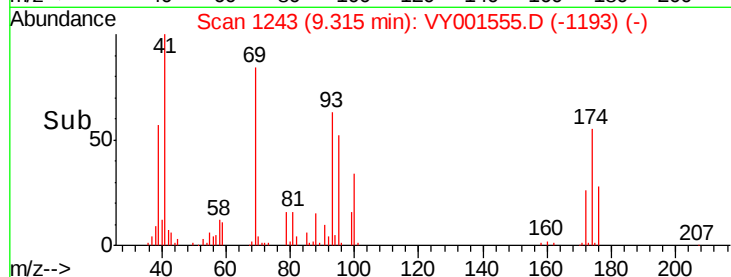
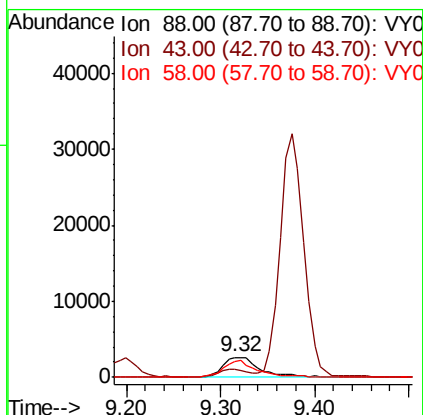
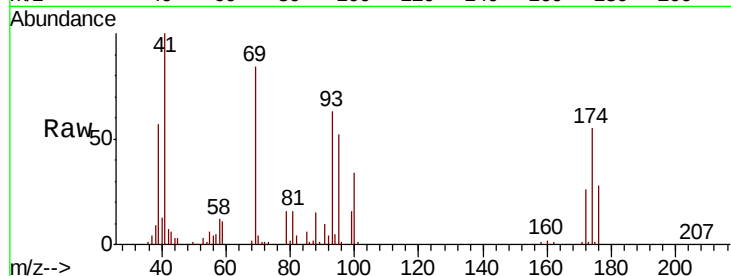




#49
1,4-Dioxane
Concen: 443.310 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

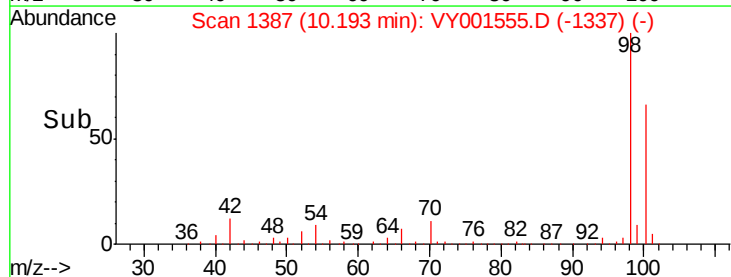
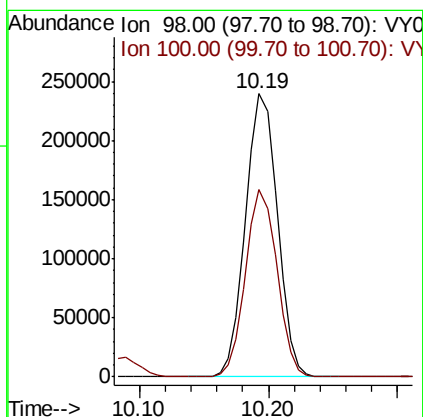
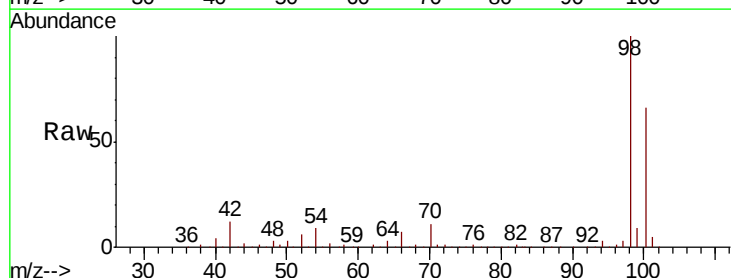
Instrument :
MSVOA_Y
ClientSampleId :

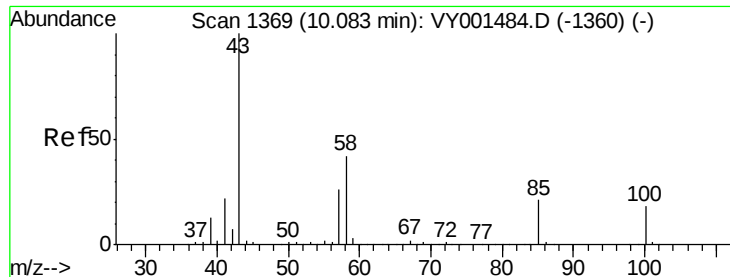
Tot Ion: 88 Resp: 7344
Ion Ratio Lower Upper
88 100
43 33.2 24.8 37.2
58 76.3 59.3 88.9



#50
Toluene-d8
Concen: 53.228 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 98 Resp: 411720
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6

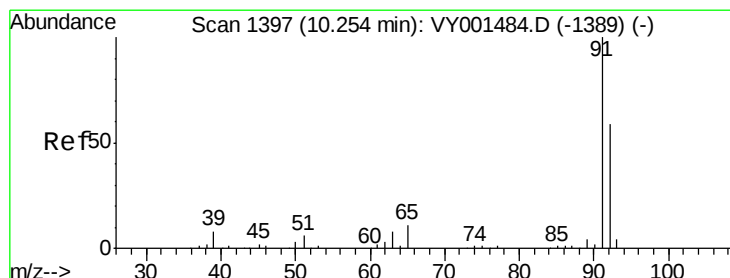
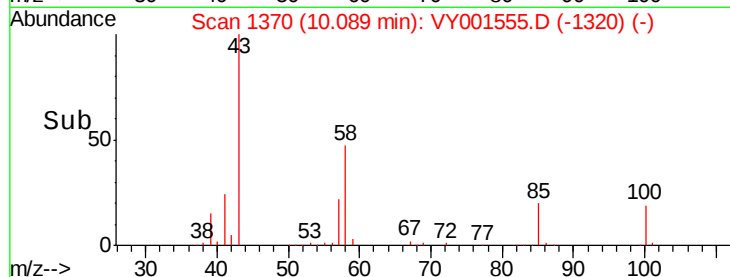
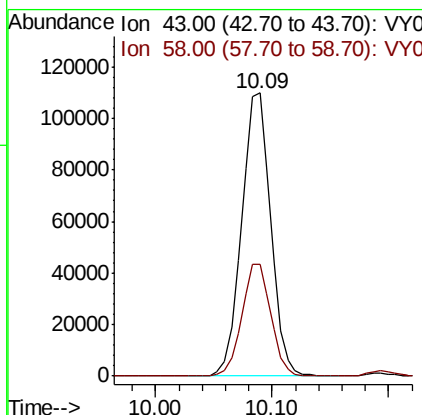
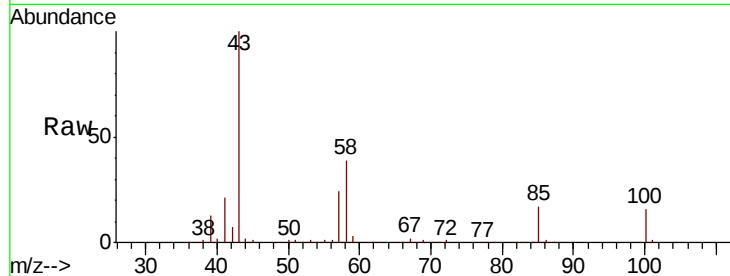




#51
4-Methyl-2-Pentanone
Concen: 125.028 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

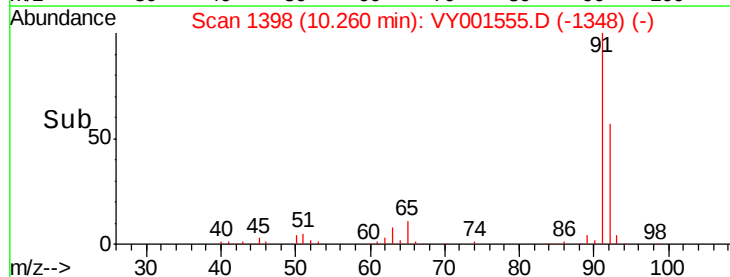
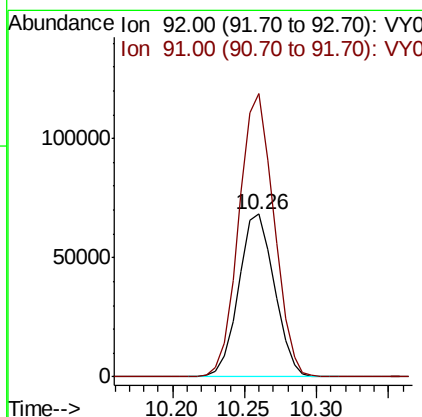
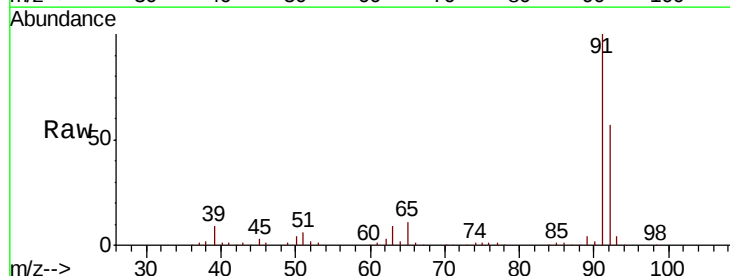
Instrument :
MSVOA_Y
ClientSampleId :

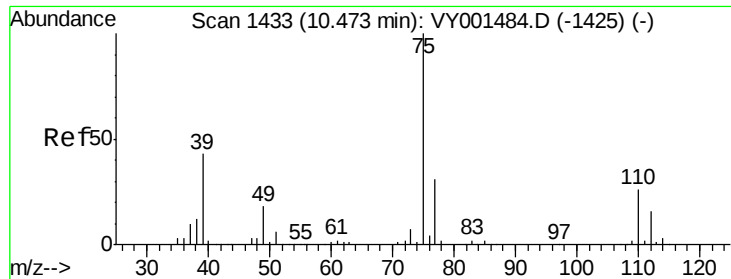
Tot Ion: 43 Resp: 191412
Ion Ratio Lower Upper
43 100
58 39.6 33.9 50.9



#52
Toluene
Concen: 20.000 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 92 Resp: 117396
Ion Ratio Lower Upper
92 100
91 171.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 19.816 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

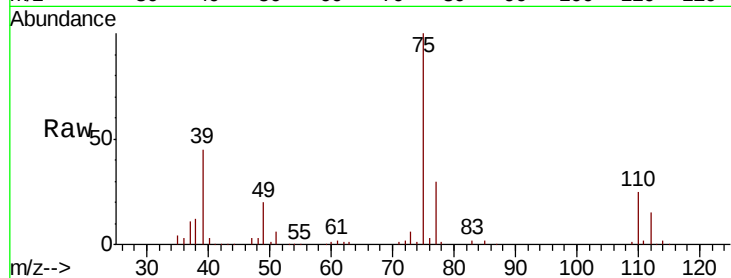
ClientSampleId :

Tot Ion: 75 Resp: 65967

Ion Ratio Lower Upper

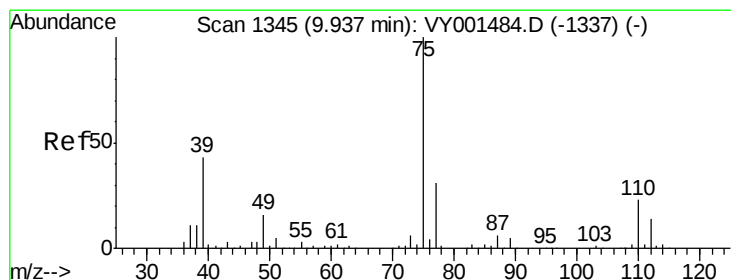
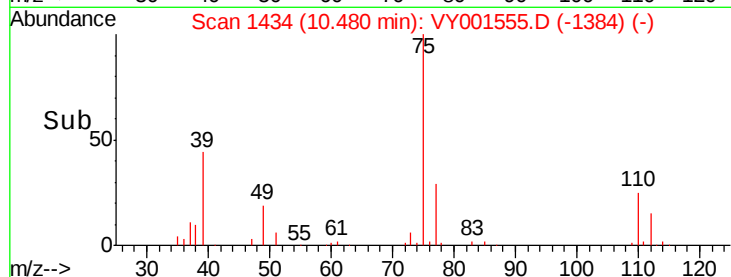
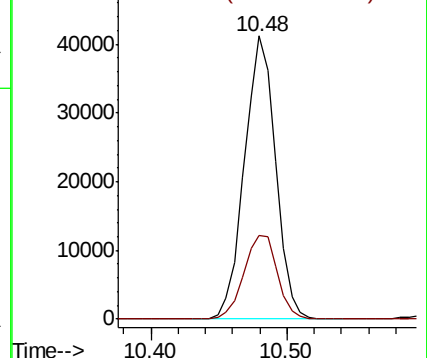
75 100

77 29.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.495 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

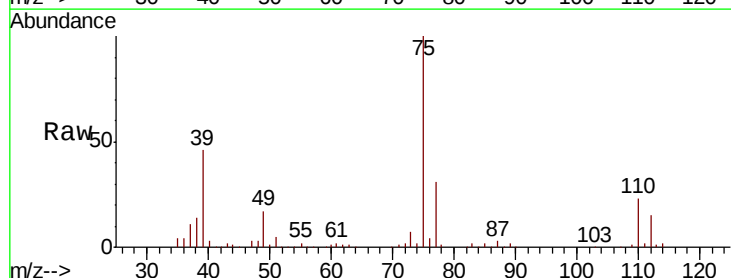
Tgt Ion: 75 Resp: 74507

Ion Ratio Lower Upper

75 100

77 30.8 24.7 37.1

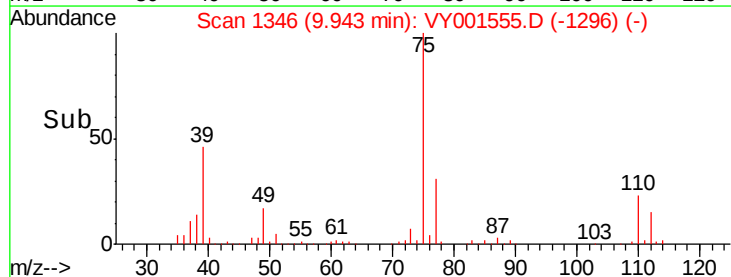
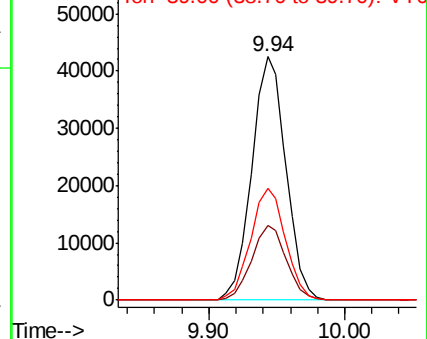
39 46.0 34.0 51.0

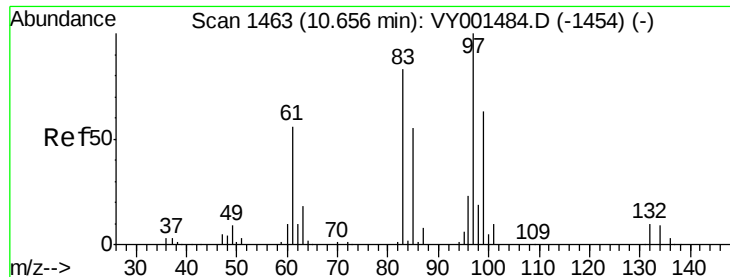


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

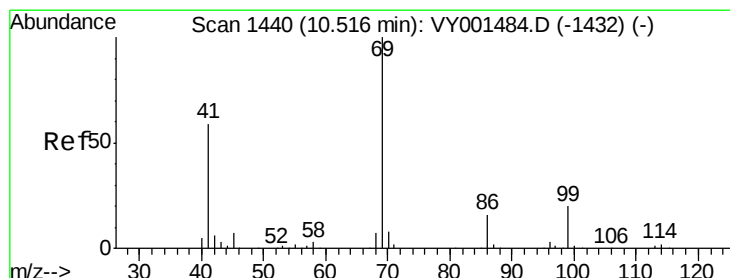
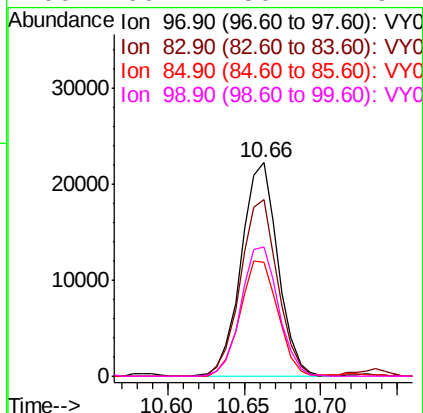
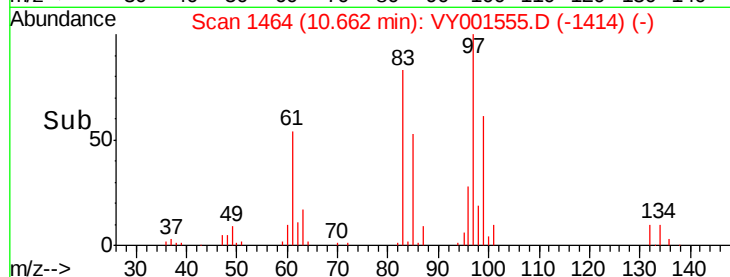
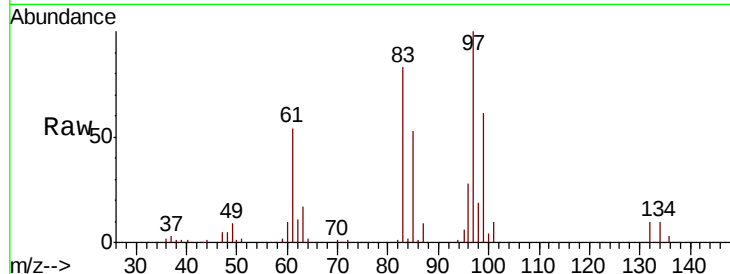




#55
 1,1,2-Trichloroethane
 Concen: 20.658 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

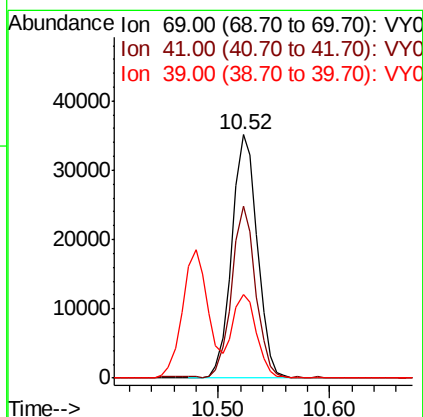
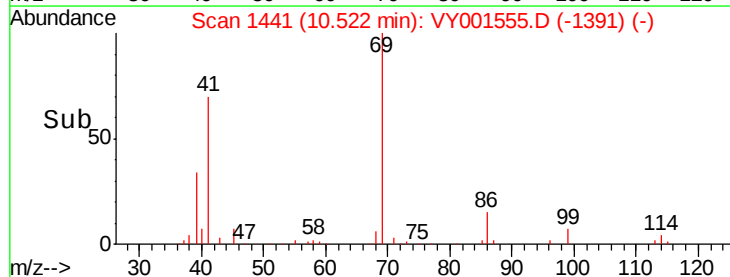
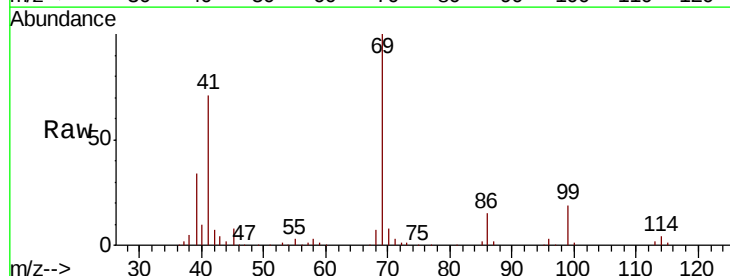
Instrument :
 MSVOA_Y
 ClientSampleId :

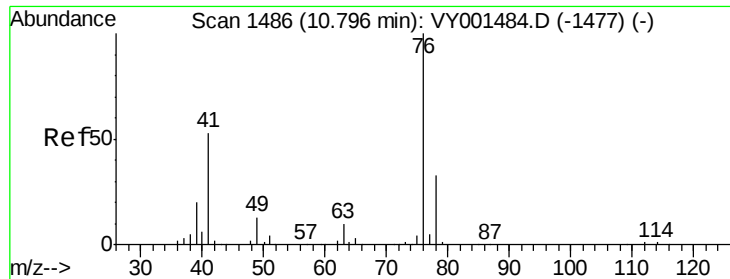
Tot Ion: 97 Resp: 37179
 Ion Ratio Lower Upper
 97 100
 83 82.6 66.2 99.2
 85 53.2 43.8 65.6
 99 60.7 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 21.798 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

Tgt Ion: 69 Resp: 55800
 Ion Ratio Lower Upper
 69 100
 41 65.8 47.8 71.8
 39 32.2 24.4 36.6





#57

1,3-Dichloropropane

Concen: 20.649 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

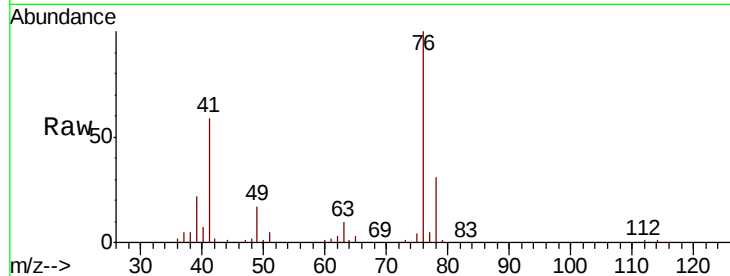
ClientSampled :

Tot Ion: 76 Resp: 65509

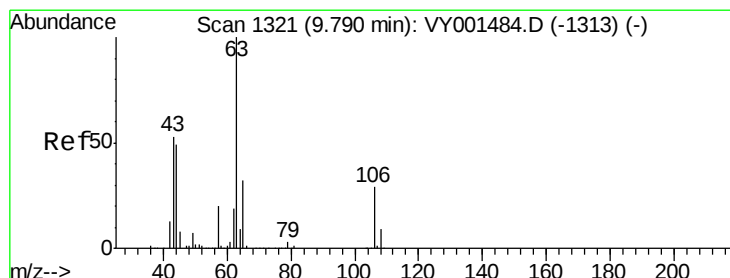
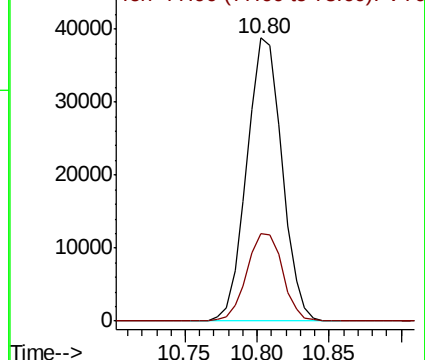
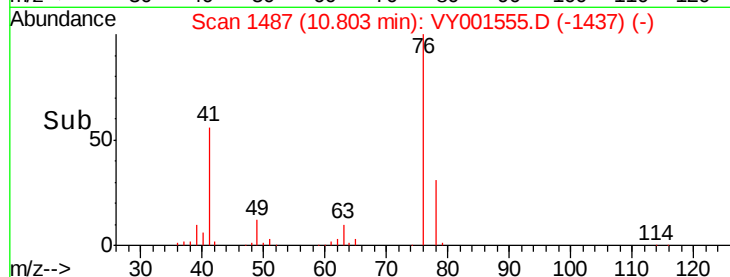
Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY001555.D (-1437) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 111.127 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY001555.D

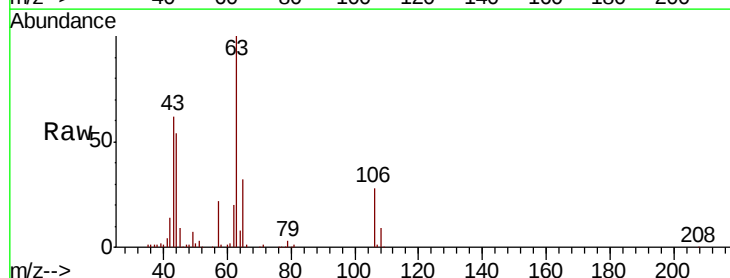
Acq: 07 Feb 2020 15:40

Tgt Ion: 63 Resp: 104649

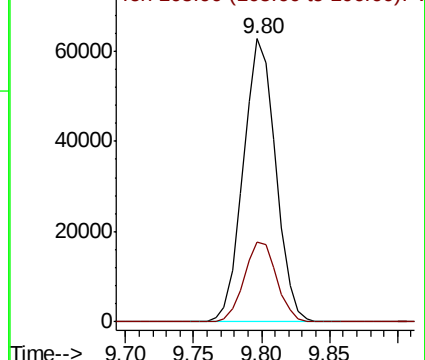
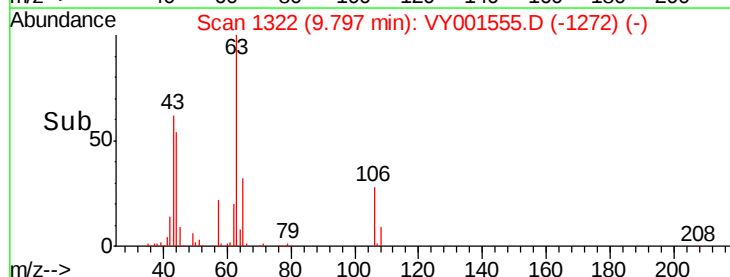
Ion Ratio Lower Upper

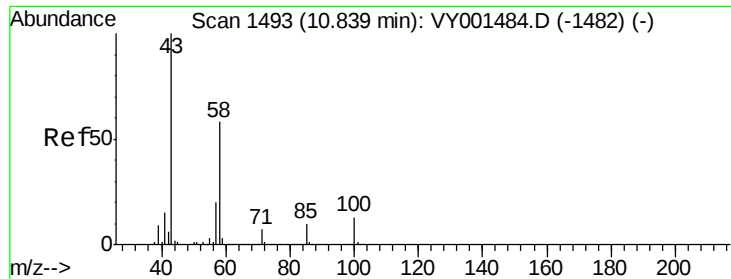
63 100

106 28.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY001555.D (-1272) (-)

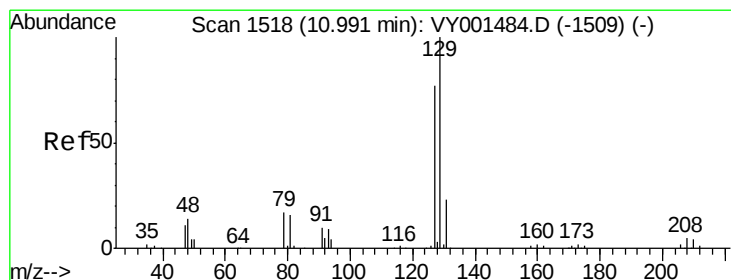
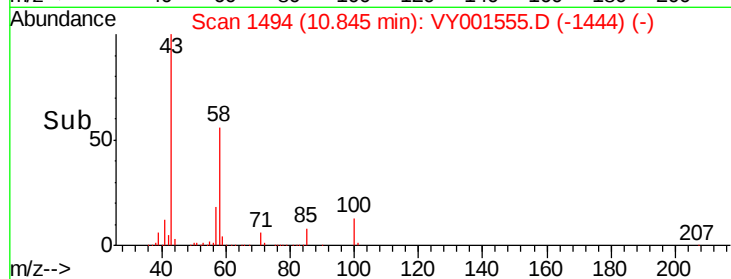
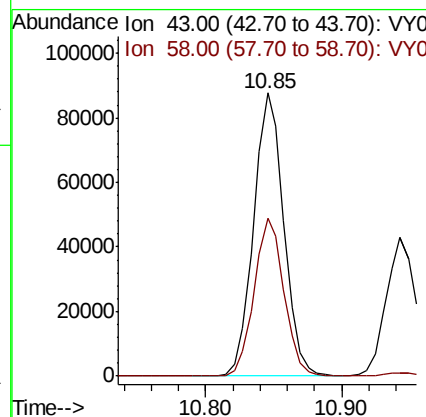
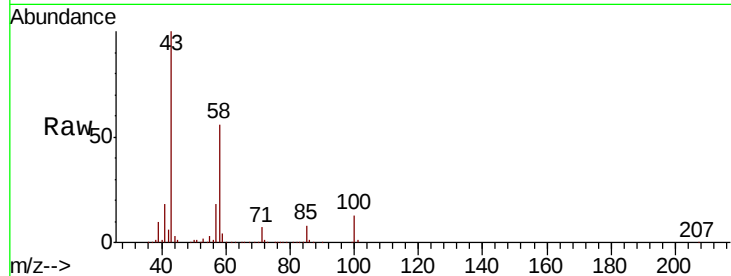




#59
2-Hexanone
Concen: 122.674 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

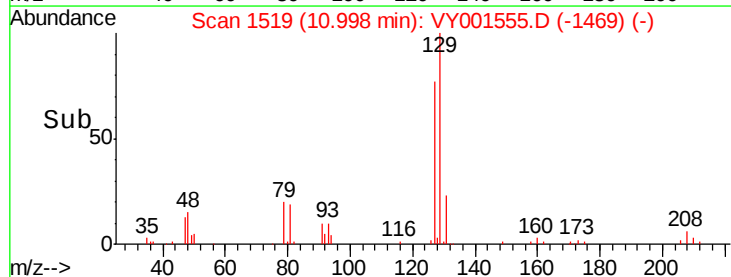
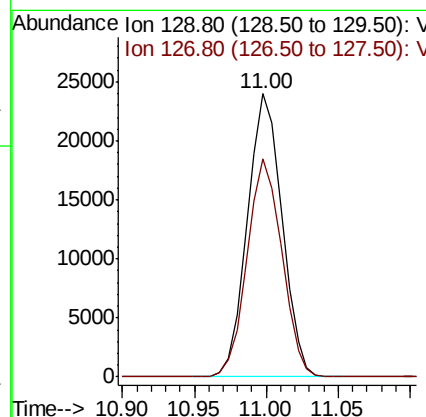
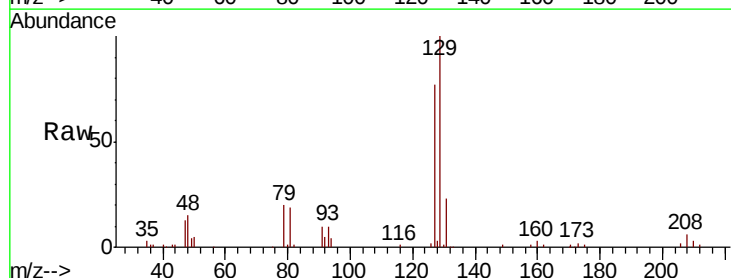
Instrument :
MSVOA_Y
ClientSampleId :

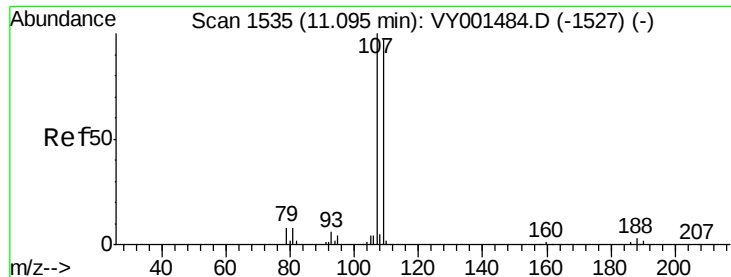
Tot Ion: 43 Resp: 136553
Ion Ratio Lower Upper
43 100
58 54.8 29.0 87.0



#60
Dibromochloromethane
Concen: 18.810 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 129 Resp: 39905
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

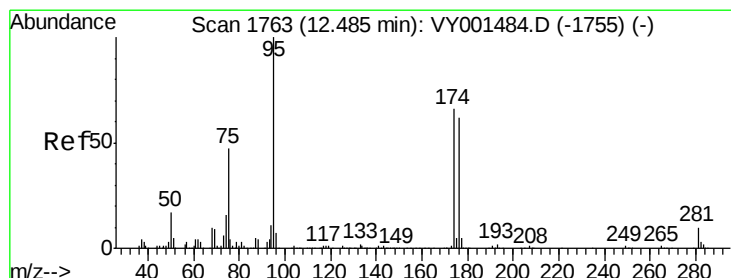
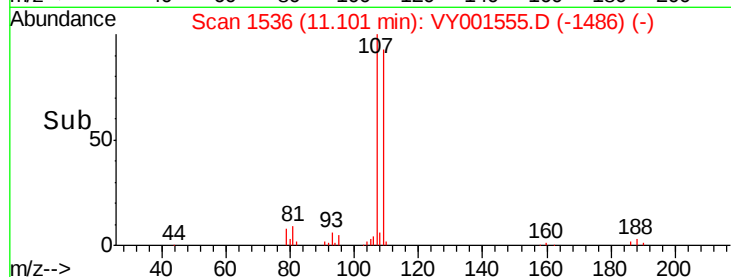
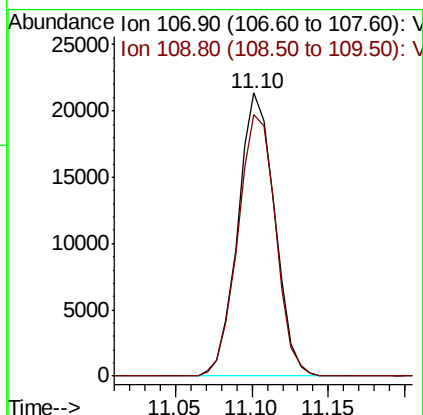
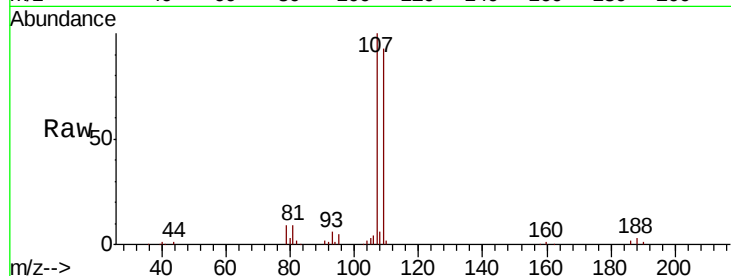




#61
1,2-Dibromoethane
Concen: 20.102 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

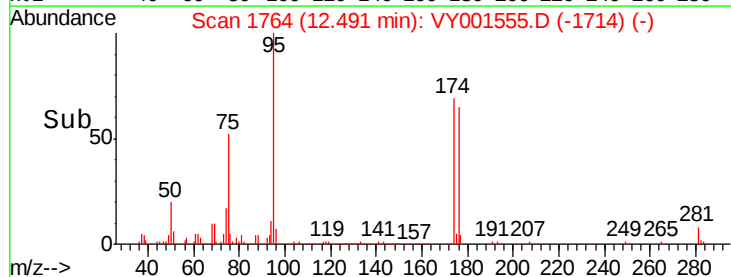
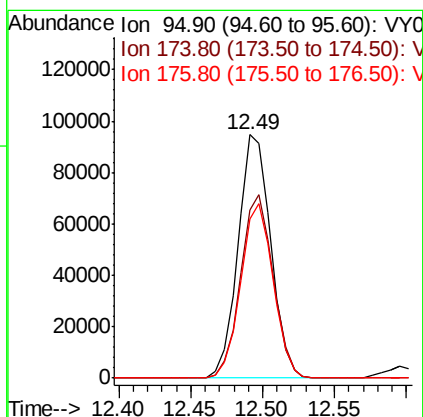
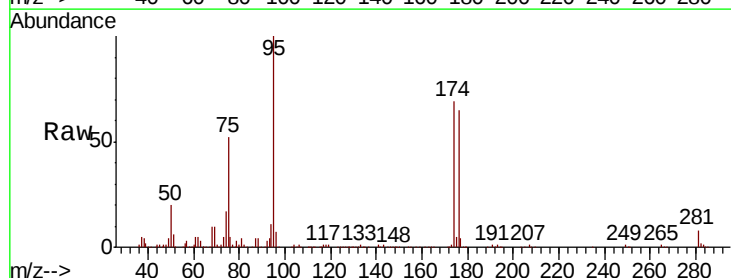
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:107 Resp: 35634
Ion Ratio Lower Upper
107 100
109 95.0 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 48.722 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 95 Resp: 148466
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.4
176 71.4 0.0 135.4

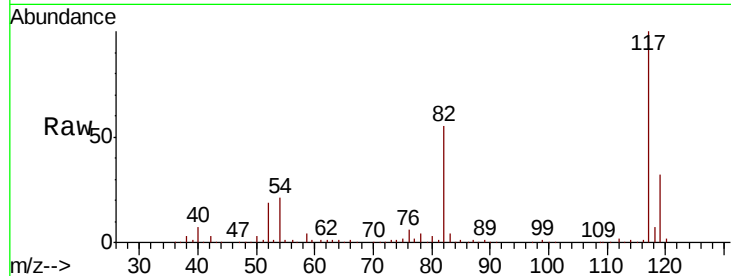




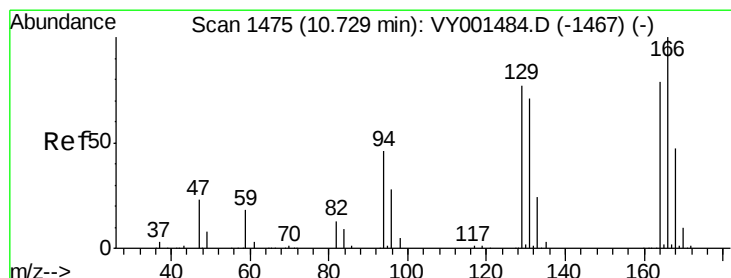
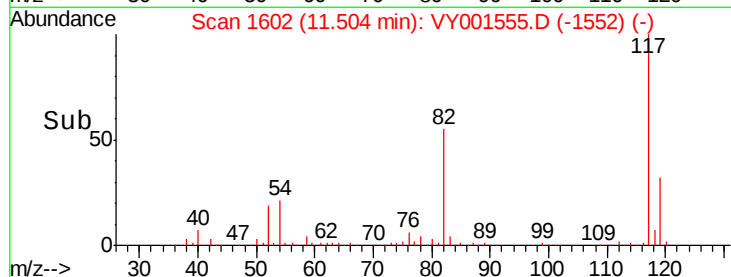
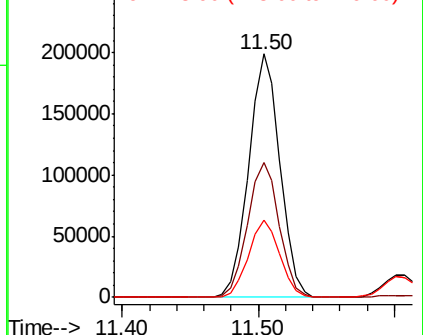
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 319794
Ion Ratio Lower Upper
117 100
82 55.4 46.1 69.1
119 31.7 26.1 39.1

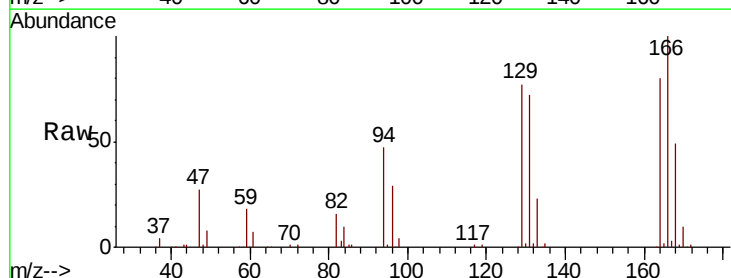


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

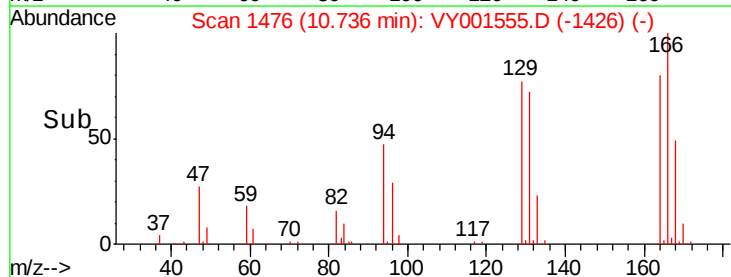
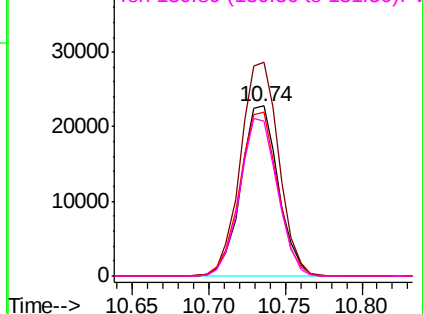


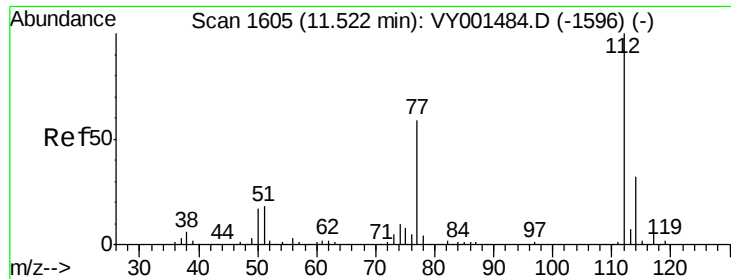
#64
Tetrachloroethene
Concen: 18.510 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion:164 Resp: 38821
Ion Ratio Lower Upper
164 100
166 125.5 100.8 151.2
129 96.4 77.8 116.6
131 90.7 72.0 108.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

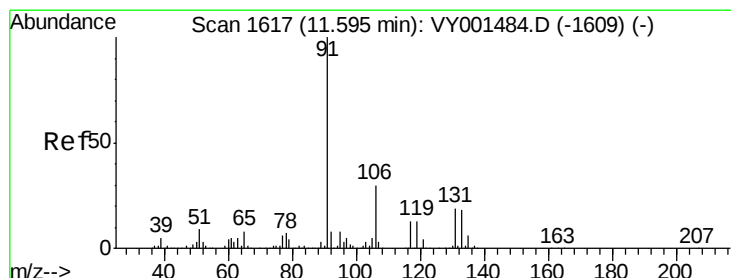
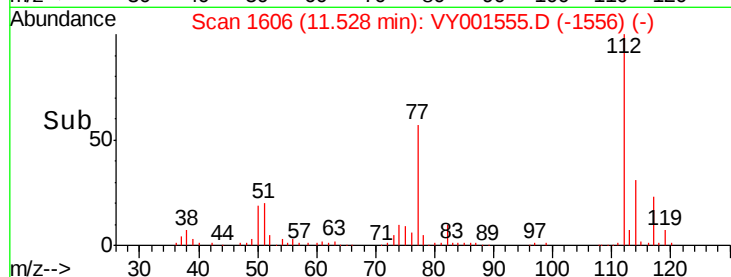
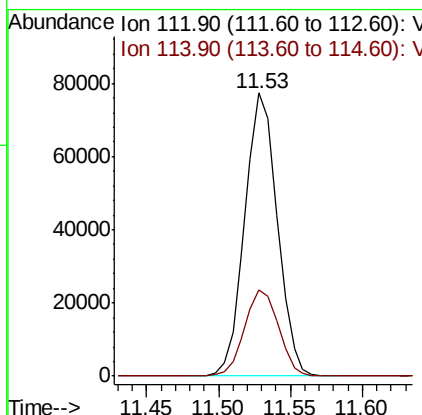
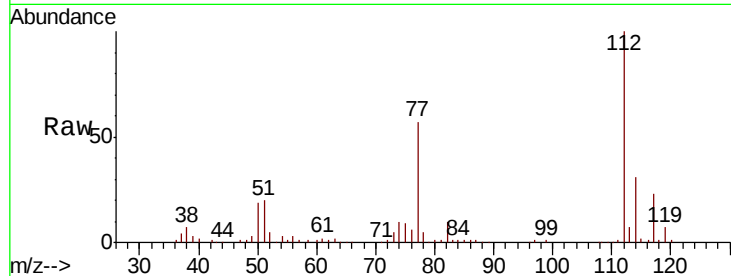




#65
Chlorobenzene
Concen: 19.258 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

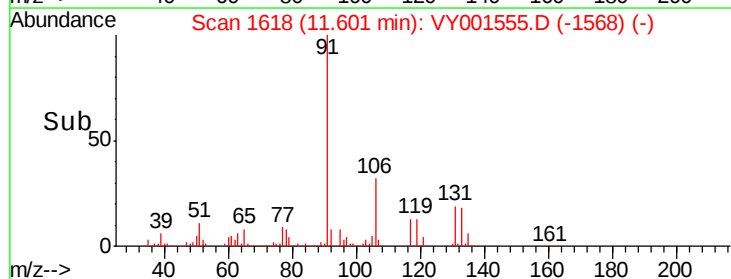
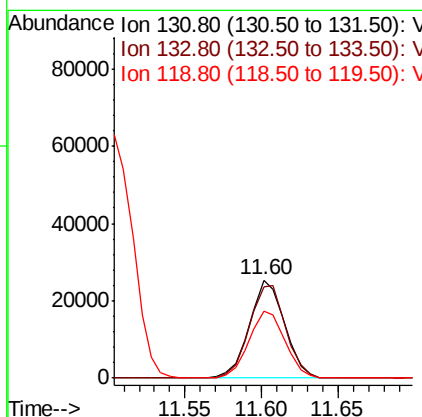
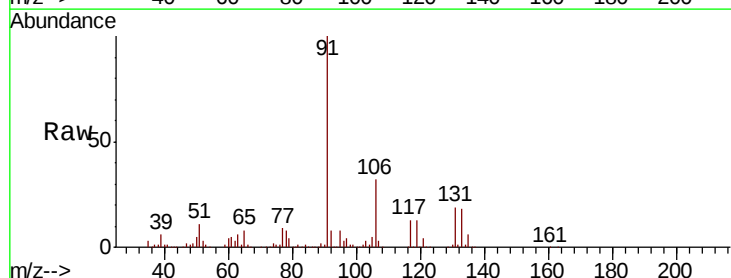
Instrument :
MSVOA_Y
ClientSampleId :

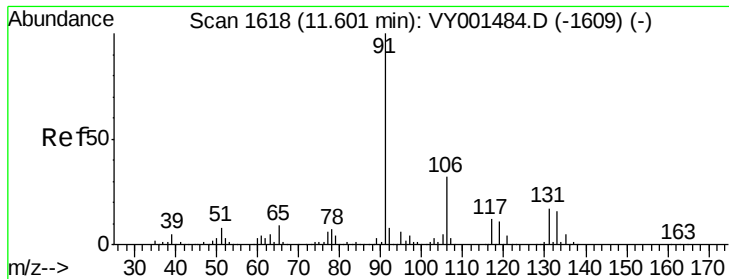
Tot Ion:112 Resp: 120925
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.446 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion:131 Resp: 40537
Ion Ratio Lower Upper
131 100
133 97.8 47.9 143.8
119 70.1 33.7 101.0

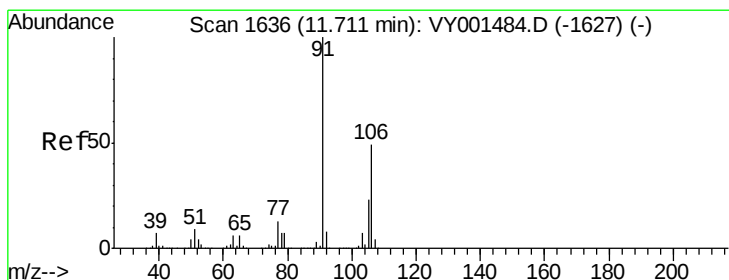
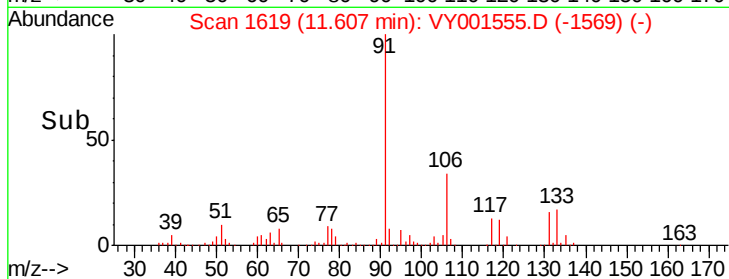
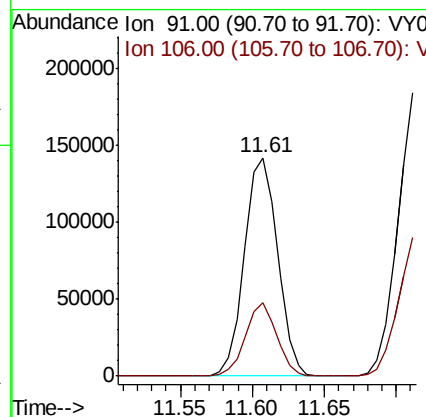
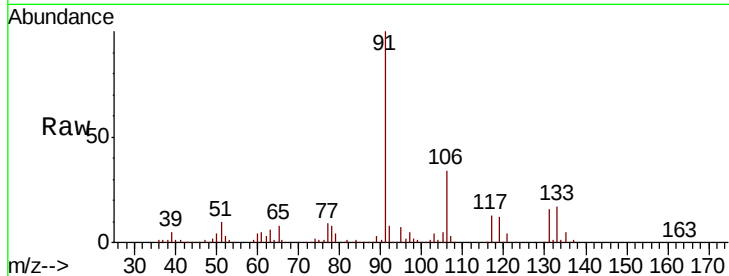




#67
Ethyl Benzene
Concen: 19.515 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

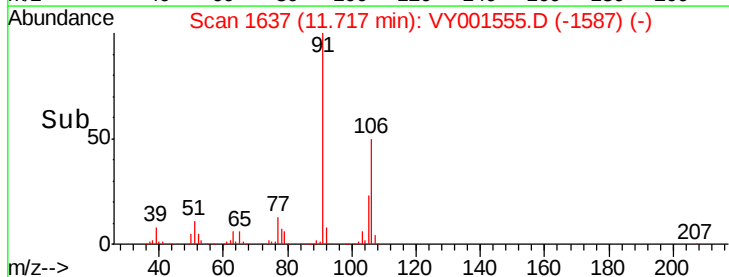
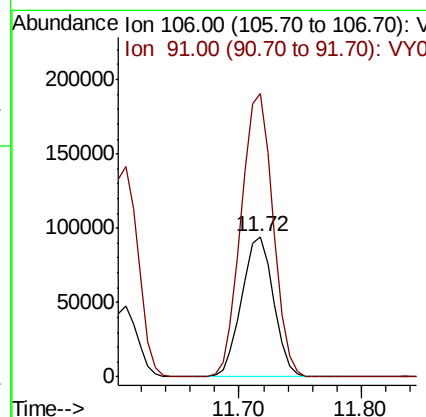
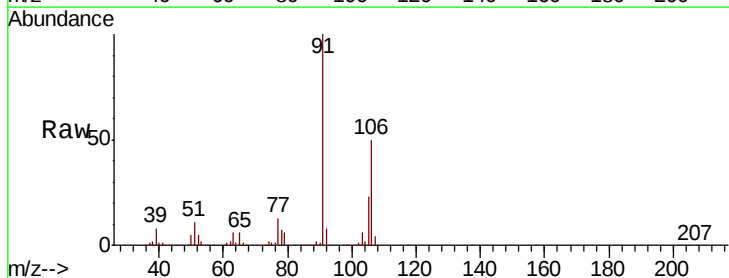
Instrument :
MSVOA_Y
ClientSampled :

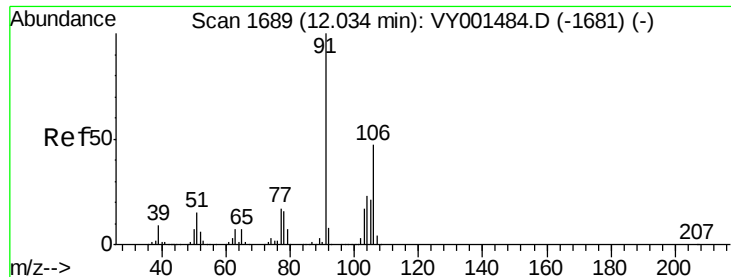
Tot Ion: 91 Resp: 226562
Ion Ratio Lower Upper
91 100
106 33.5 25.3 37.9



#68
m/p-Xylenes
Concen: 39.247 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 106 Resp: 171056
Ion Ratio Lower Upper
106 100
91 202.0 163.6 245.4

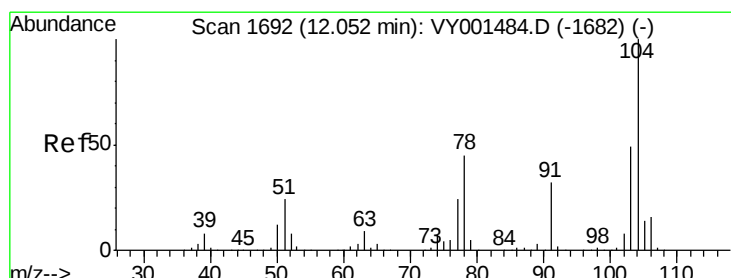
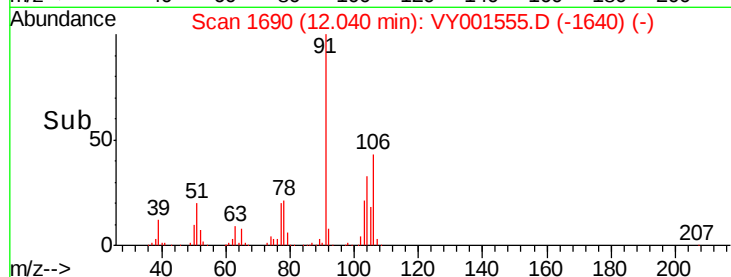
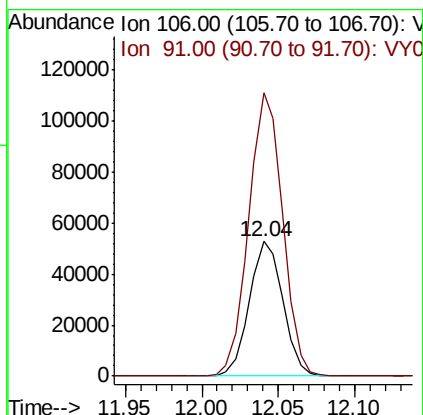
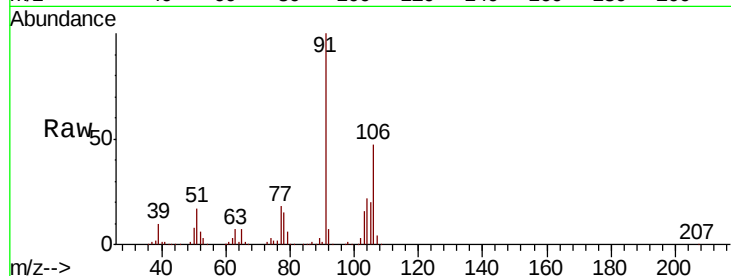




#69
o-Xylene
Concen: 19.605 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

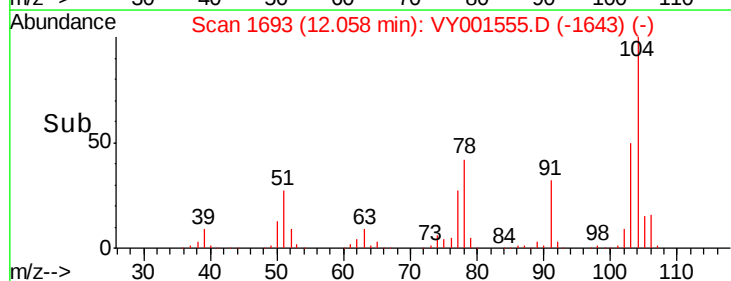
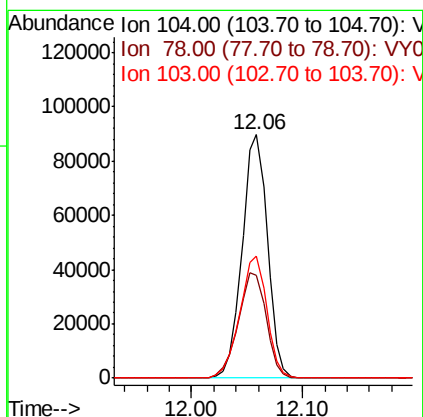
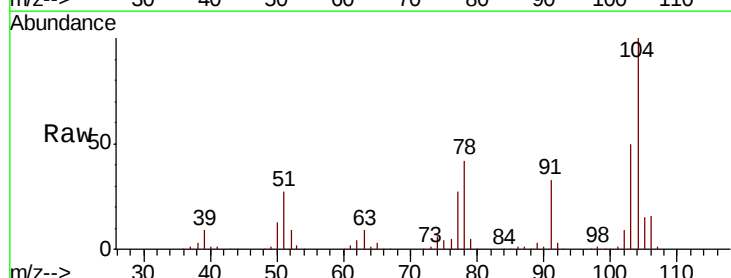
Instrument :
MSVOA_Y
ClientSampled :

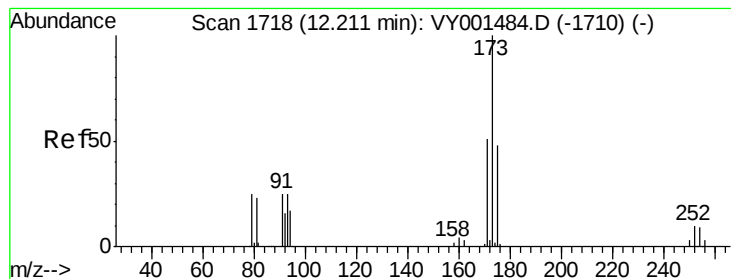
Tot Ion:106 Resp: 80566
Ion Ratio Lower Upper
106 100
91 213.1 106.0 318.0



#70
Styrene
Concen: 19.915 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion:104 Resp: 141524
Ion Ratio Lower Upper
104 100
78 47.7 40.4 60.6
103 53.4 42.8 64.2





#71

Bromoform

Concen: 19.795 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

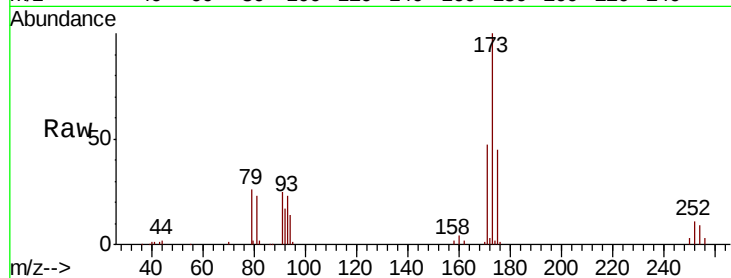
Tot Ion:173 Resp: 24223

Ion Ratio Lower Upper

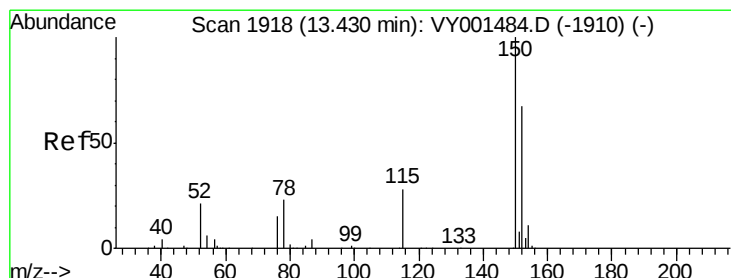
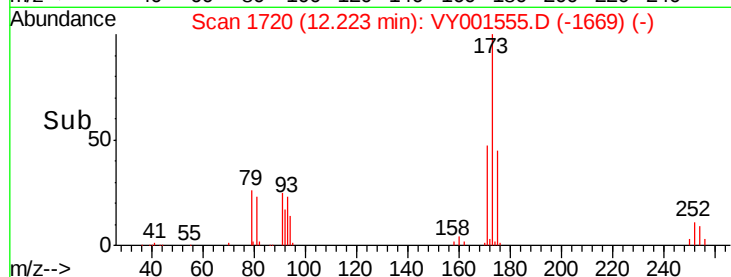
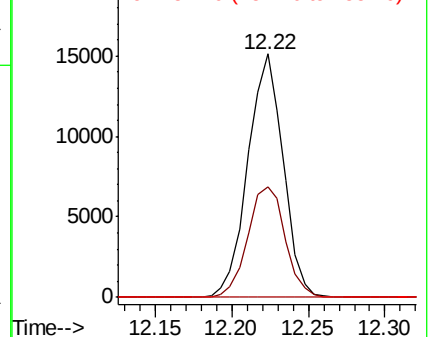
173 100

175 48.1 24.0 72.0

254 0.0 0.1 0.1#



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# 1920

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

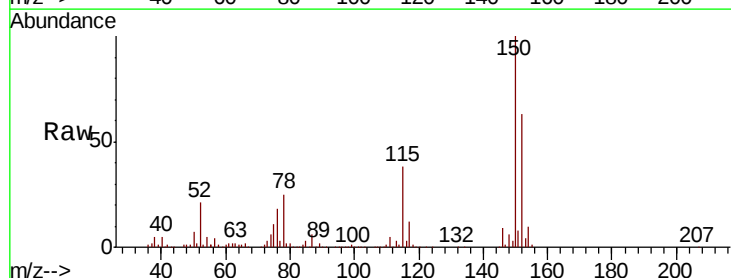
Tgt Ion:152 Resp: 153699

Ion Ratio Lower Upper

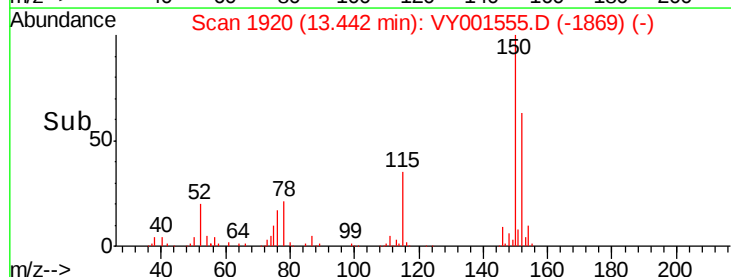
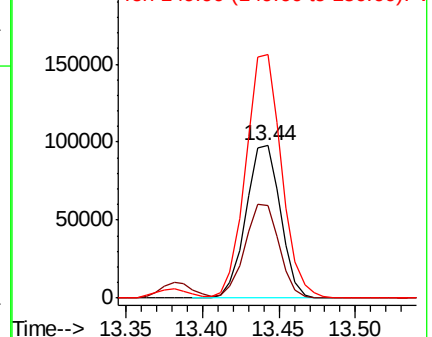
152 100

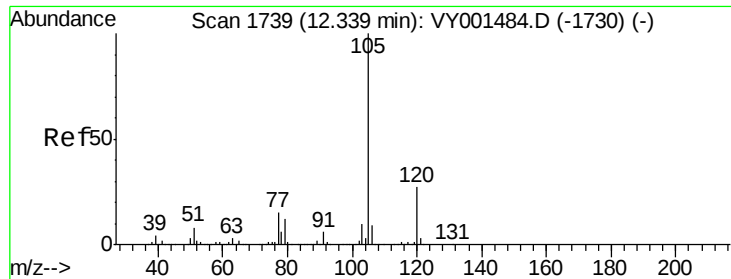
115 60.9 31.4 94.3

150 165.2 0.0 346.8



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

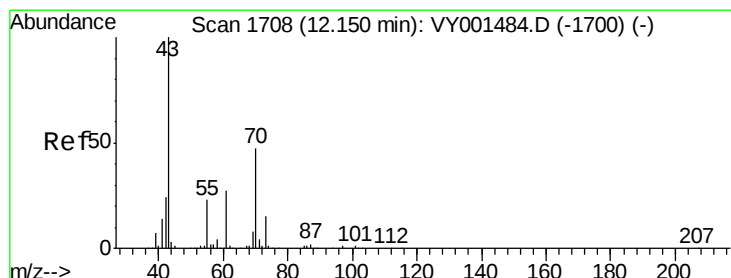
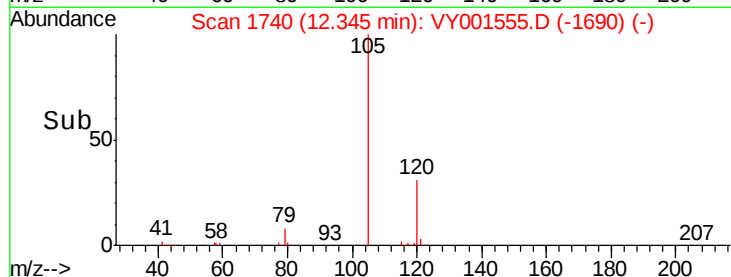
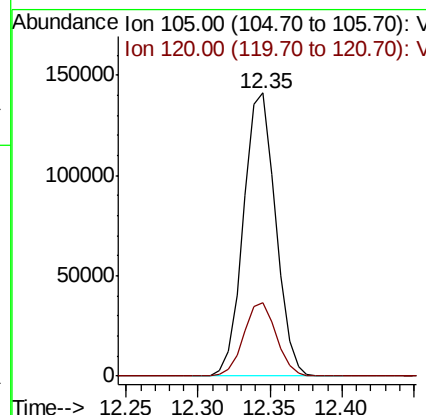
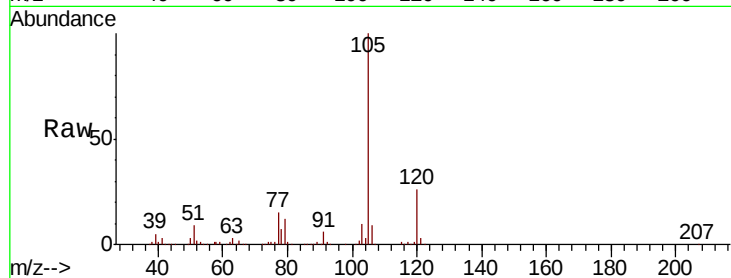




#73
Isopropylbenzene
Concen: 18.598 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

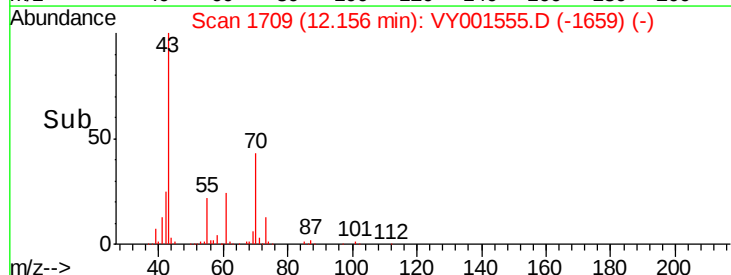
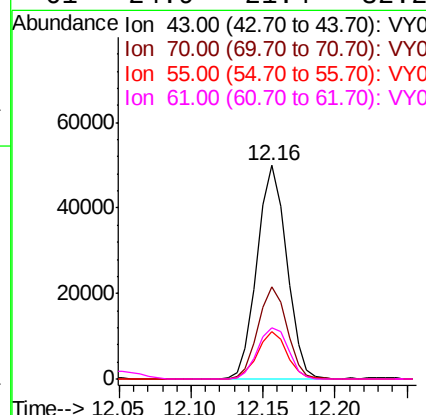
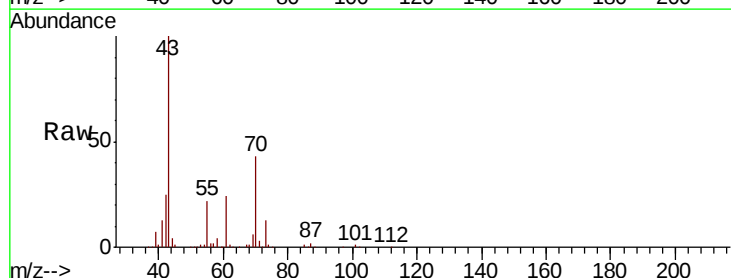
Instrument :
MSVOA_Y
ClientSampleId :

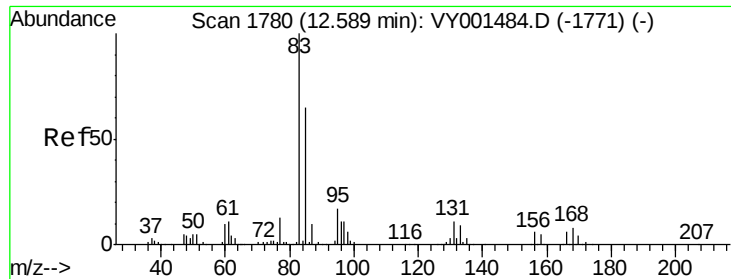
Tot Ion:105 Resp: 218008
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 23.424 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion: 43 Resp: 71352
Ion Ratio Lower Upper
43 100
70 42.1 37.2 55.8
55 22.1 18.8 28.2
61 24.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.846 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

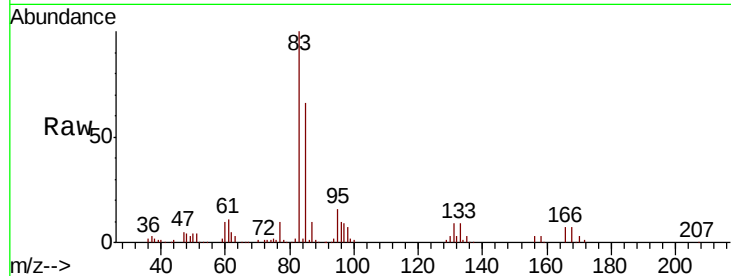
Tot Ion: 83 Resp: 46427

Ion Ratio Lower Upper

83 100

131 9.8 5.4 16.2

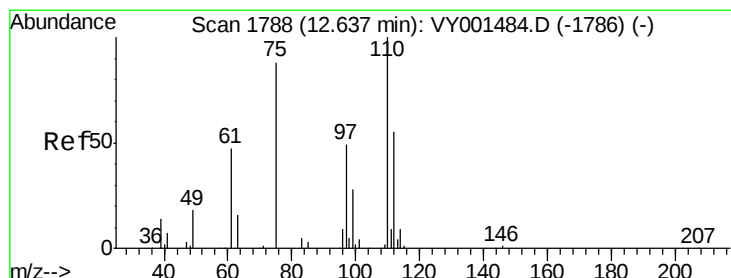
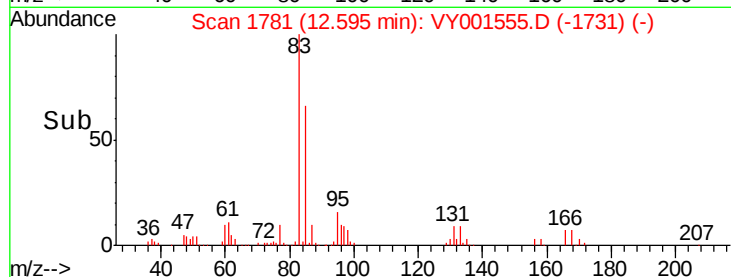
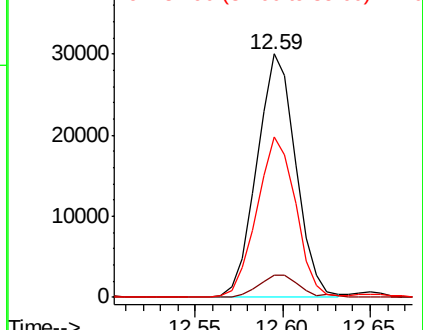
85 65.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY001484.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY001484.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY001484.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 37.013 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001555.D

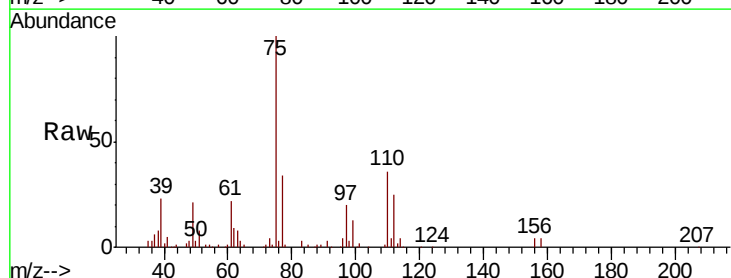
Acq: 07 Feb 2020 15:40

Tgt Ion: 75 Resp: 61178

Ion Ratio Lower Upper

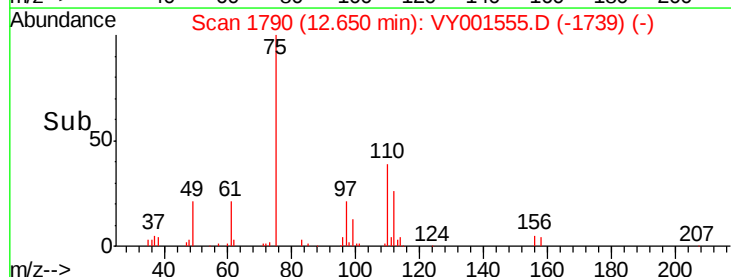
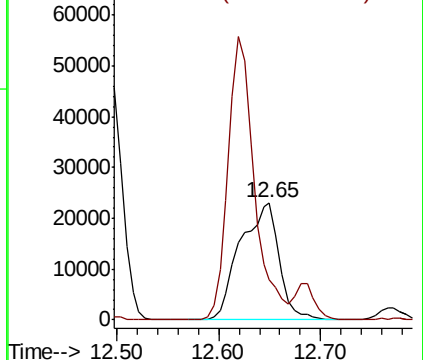
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001484.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY001484.D (-1786) (-)





#77

Bromobenzene

Concen: 18.871 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

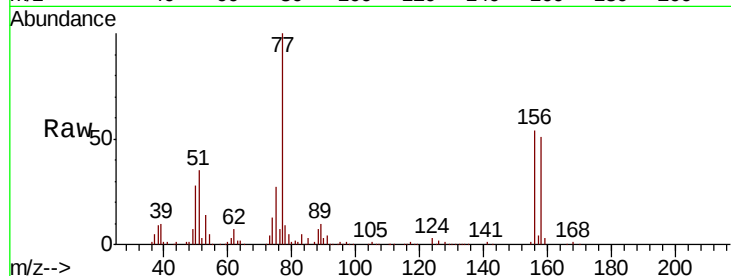
Tot Ion:156 Resp: 47872

Ion Ratio Lower Upper

156 100

77 209.1 99.8 299.3

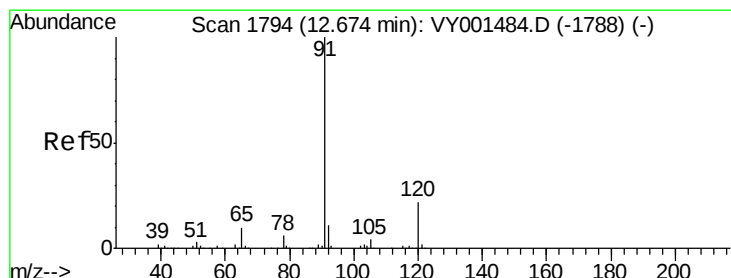
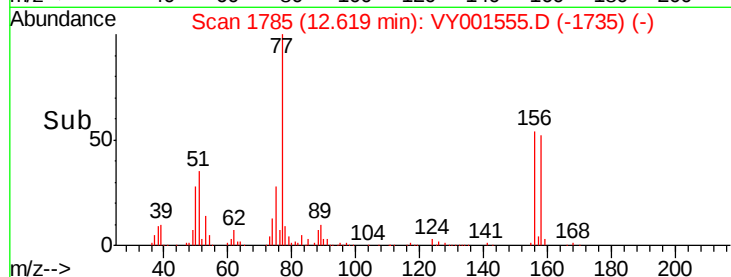
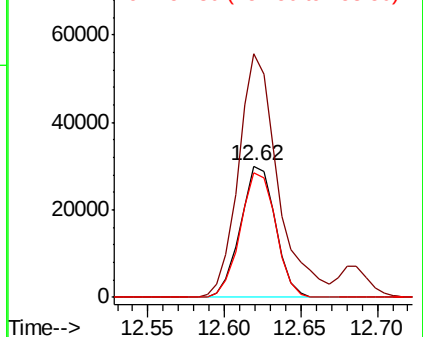
158 96.2 47.5 142.6



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: 19.171 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001555.D

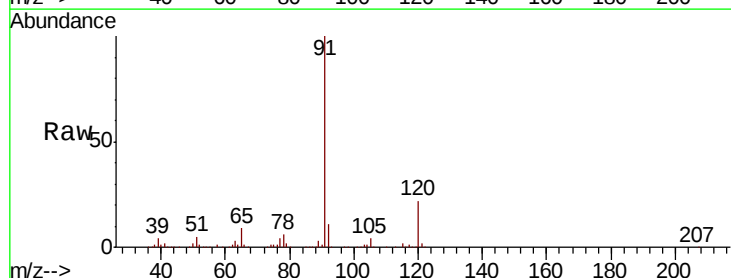
Acq: 07 Feb 2020 15:40

Tgt Ion: 91 Resp: 269037

Ion Ratio Lower Upper

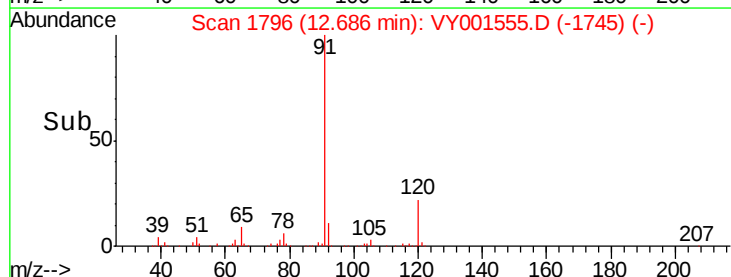
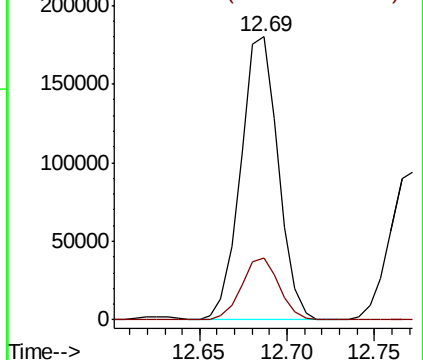
91 100

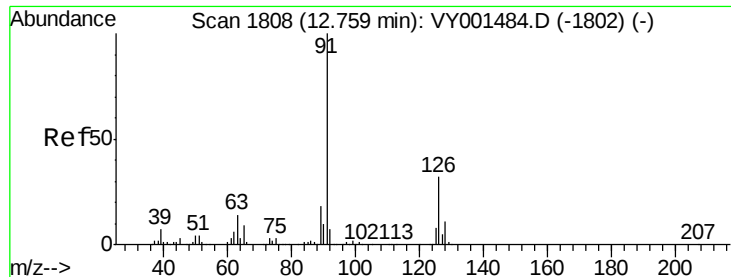
120 21.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

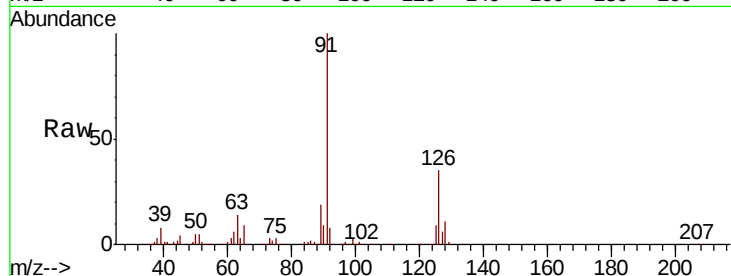




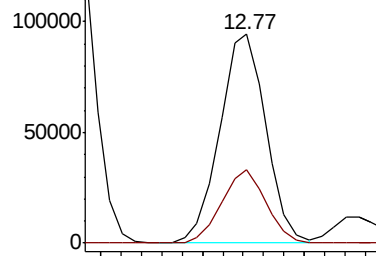
#79
 2-Chlorotoluene
 Concen: 18.507 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

Instrument :
 MSVOA_Y
 ClientSampled :

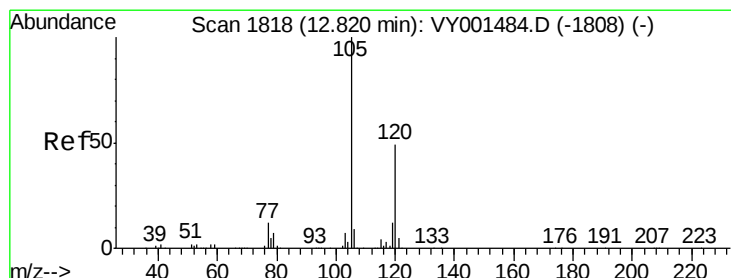
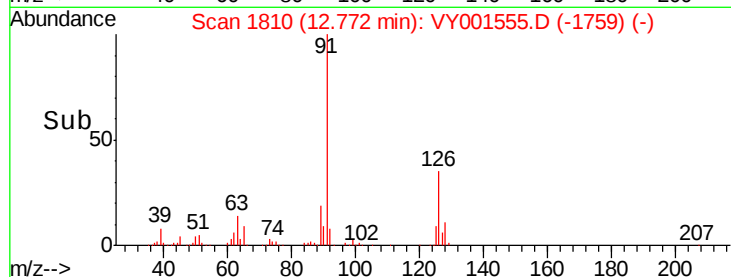
Tot Ion: 91 Resp: 148041
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1802) (-)
 Ion 125.90 (125.60 to 126.60): VY001484.D (-1802) (-)

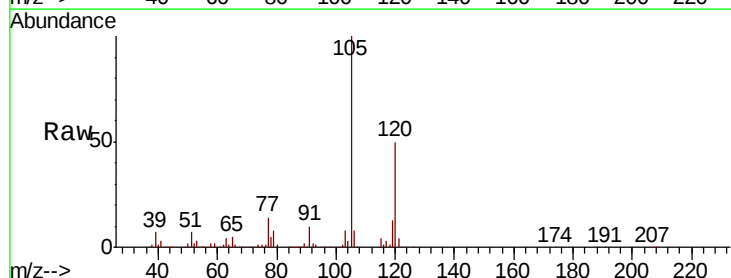


Time-->

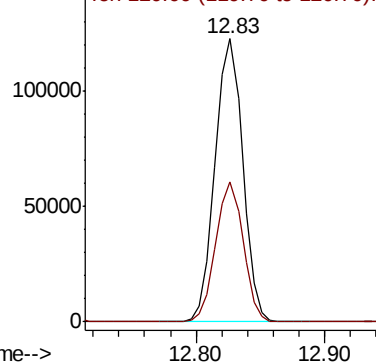


#80
 1,3,5-Trimethylbenzene
 Concen: 18.438 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

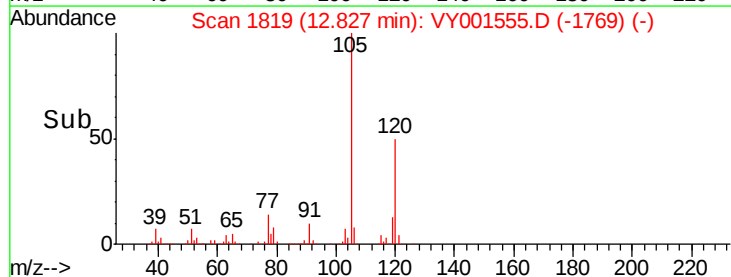
Tgt Ion: 105 Resp: 182023
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.1 72.2

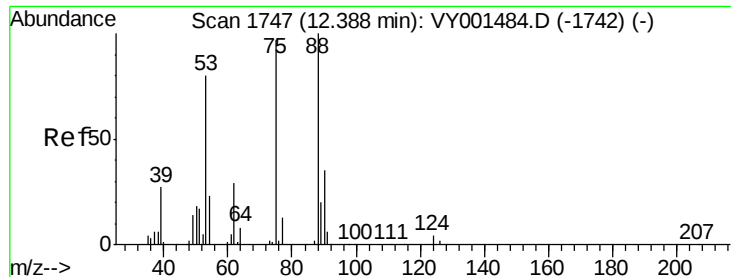


Abundance Ion 105.00 (104.70 to 105.70): VY001484.D (-1808) (-)
 Ion 120.00 (119.70 to 120.70): VY001484.D (-1808) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.519 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampled :

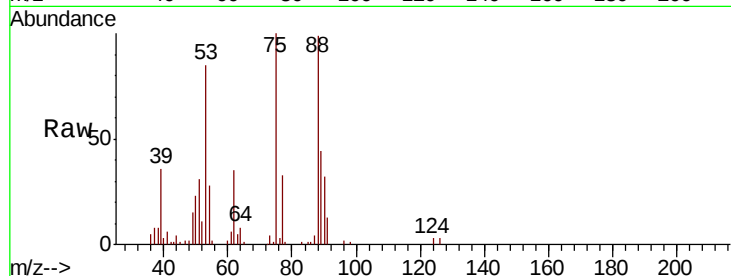
Tot Ion: 75 Resp: 16674

Ion Ratio Lower Upper

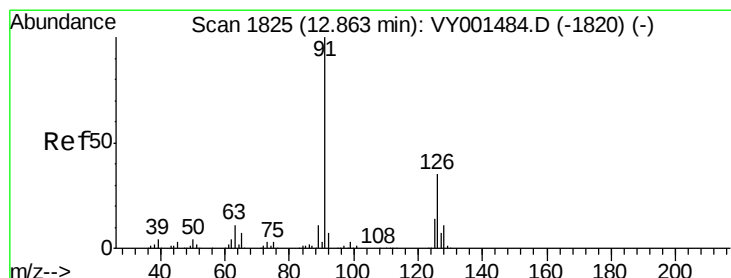
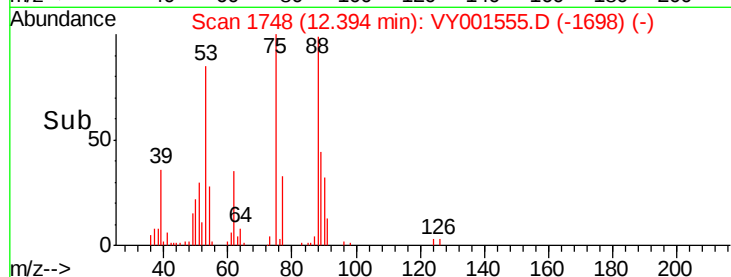
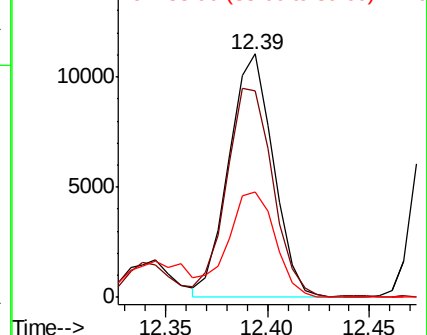
75 100

53 89.6 67.7 101.5

89 46.8 34.6 52.0



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: 18.735 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001555.D

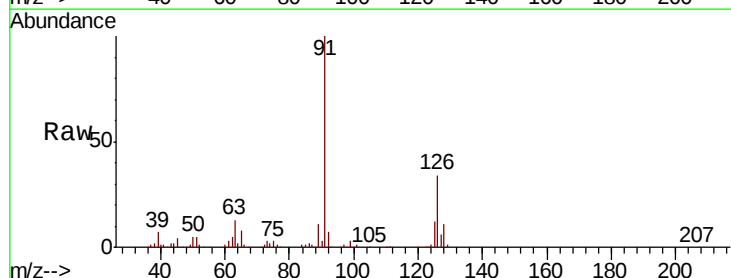
Acq: 07 Feb 2020 15:40

Tgt Ion: 91 Resp: 157131

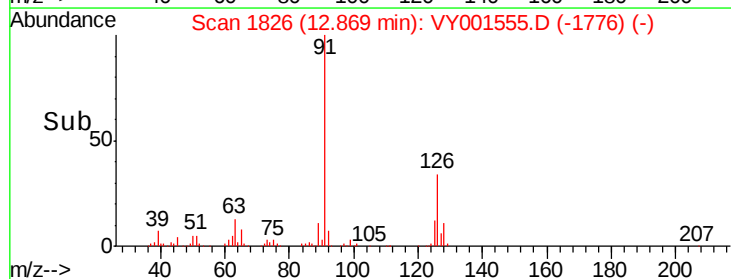
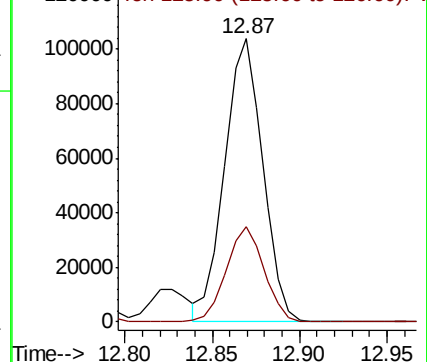
Ion Ratio Lower Upper

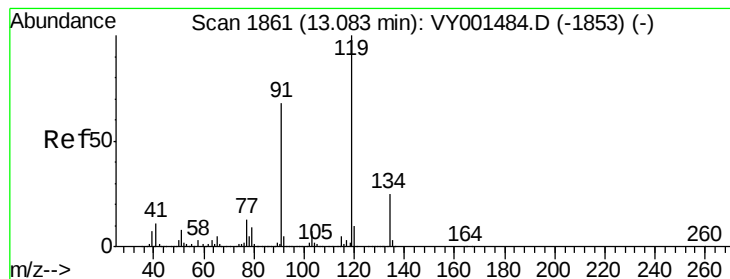
91 100

126 33.1 16.5 49.5



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





#83

tert-Butylbenzene

Concen: 18.687 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampled :

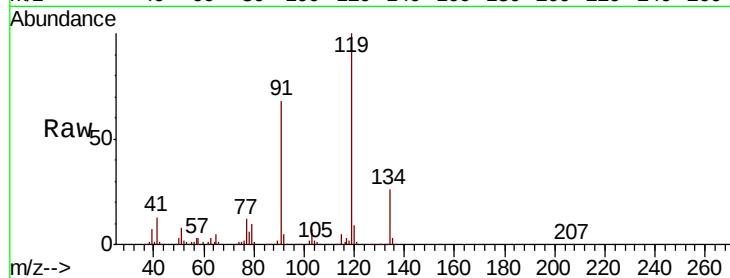
Tot Ion:119 Resp: 155938

Ion Ratio Lower Upper

119 100

91 64.8 33.1 99.3

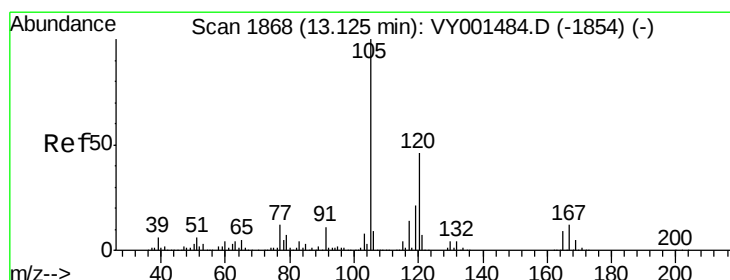
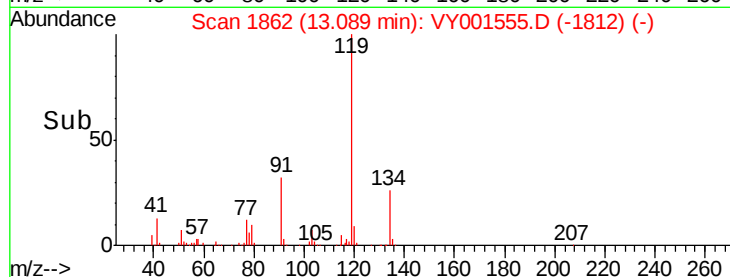
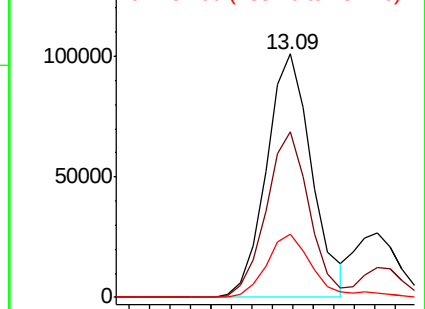
134 26.8 13.0 39.0



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: 18.572 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001555.D

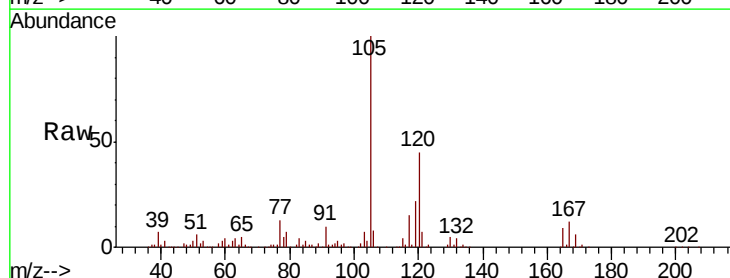
Acq: 07 Feb 2020 15:40

Tgt Ion:105 Resp: 181466

Ion Ratio Lower Upper

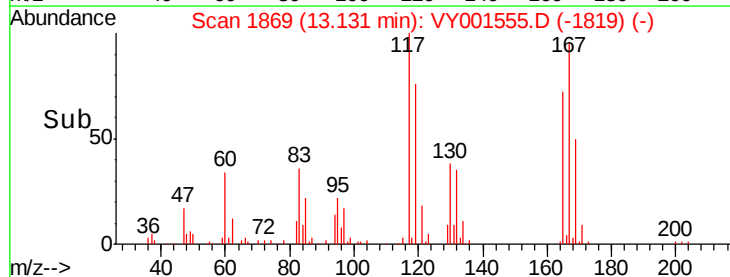
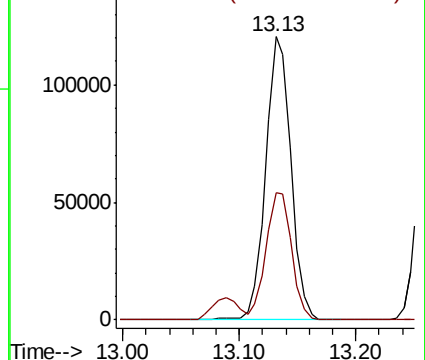
105 100

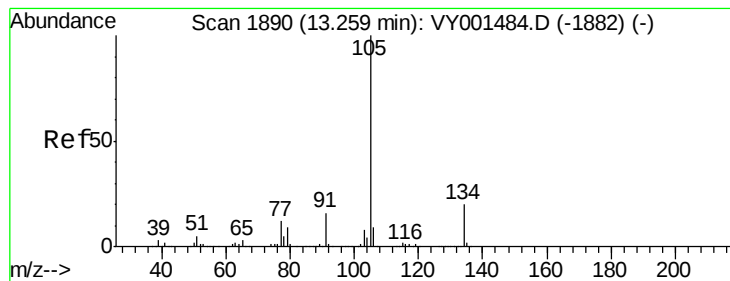
120 45.5 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.857 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

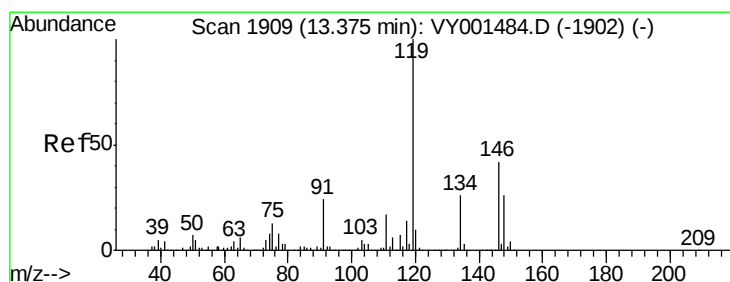
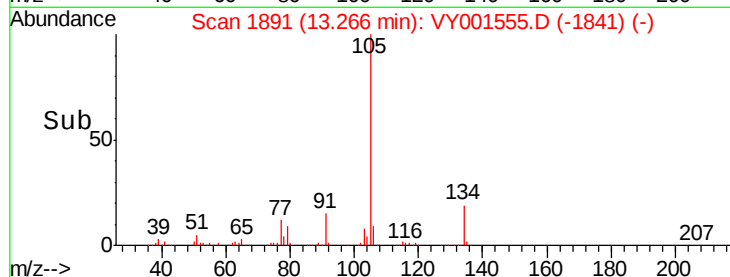
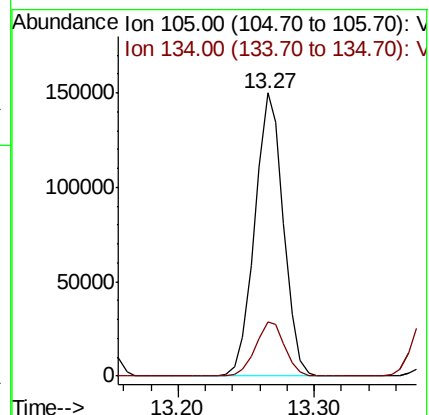
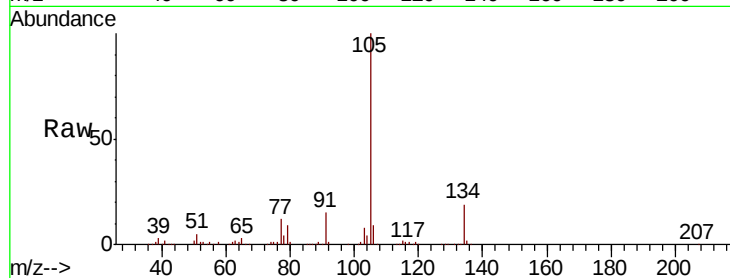
ClientSampleId :

Tot Ion:105 Resp: 221235

Ion Ratio Lower Upper

105 100

134 19.5 10.0 29.8



#86

p-Isopropyltoluene

Concen: 19.030 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

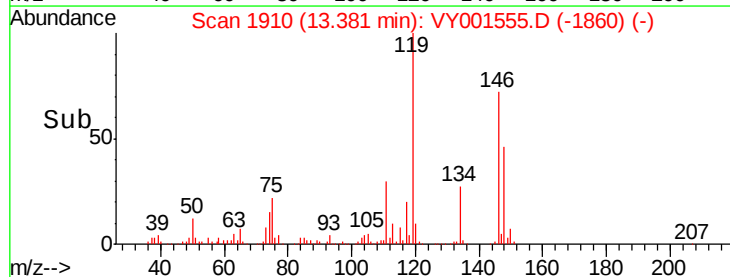
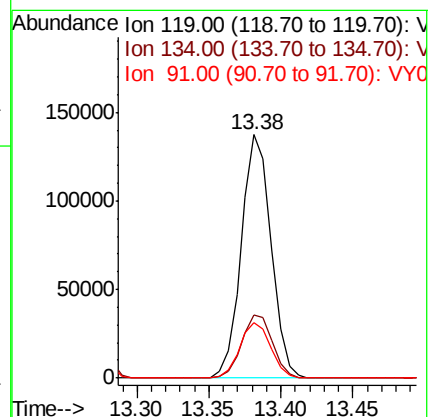
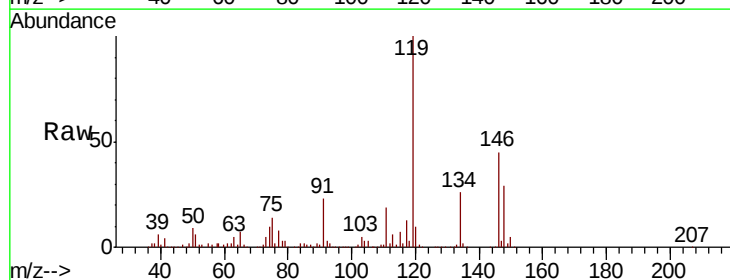
Tgt Ion:119 Resp: 196750

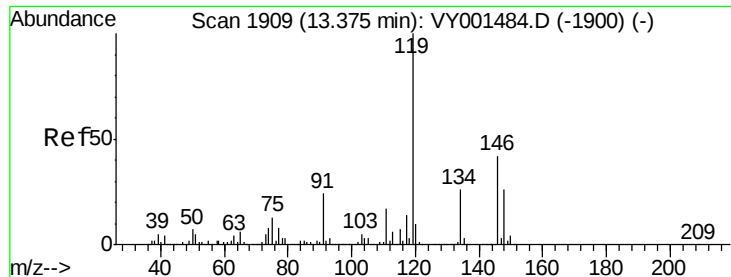
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.9 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.462 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampled :

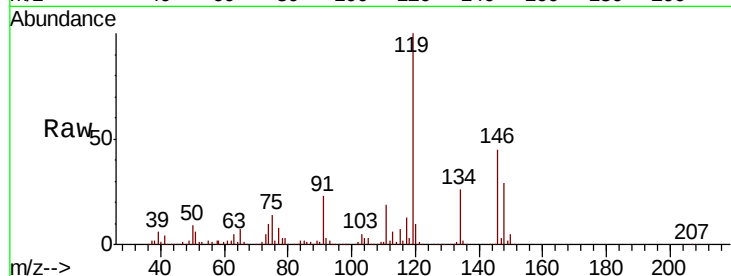
Tot Ion:146 Resp: 94621

Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.9

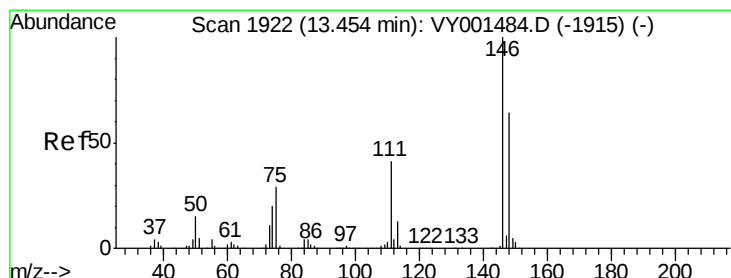
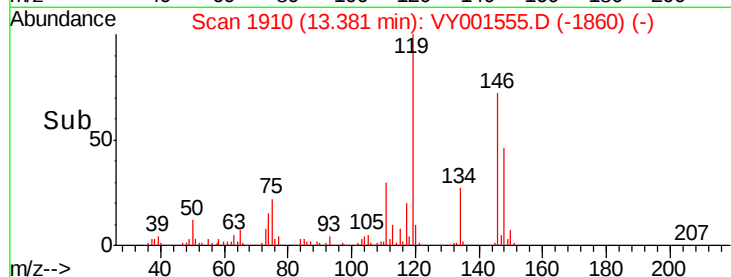
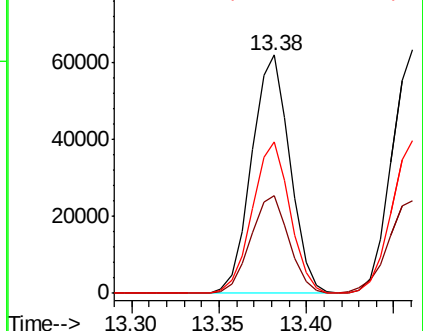
148 62.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.463 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

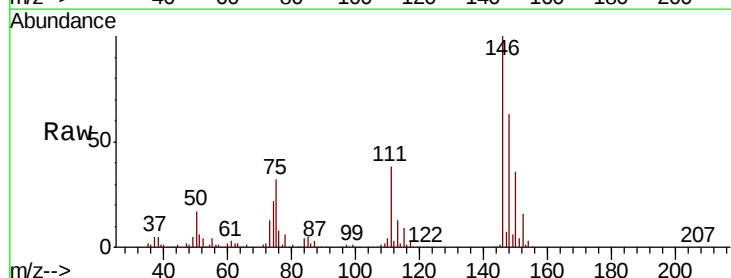
Tgt Ion:146 Resp: 94797

Ion Ratio Lower Upper

146 100

111 40.8 20.7 62.1

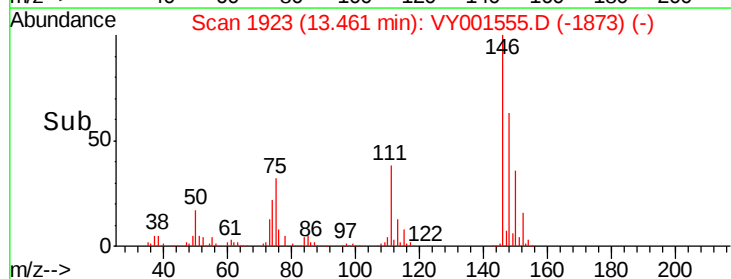
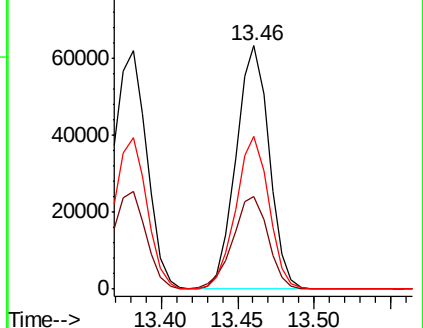
148 62.8 32.1 96.5

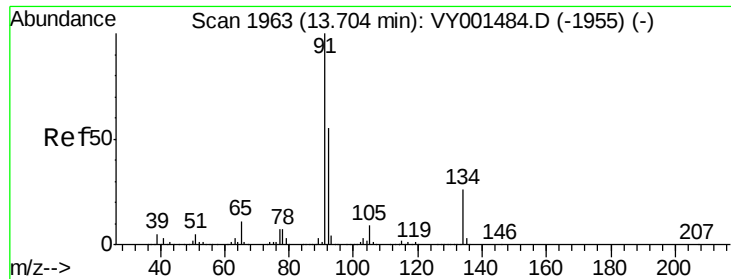


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.541 ug/l

RT: 13.71 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

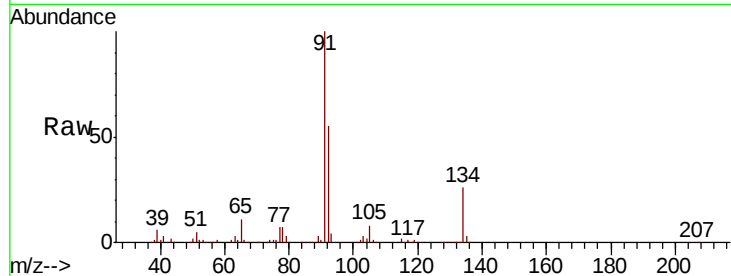
Tot Ion: 91 Resp: 199341

Ion Ratio Lower Upper

91 100

92 53.8 27.3 81.9

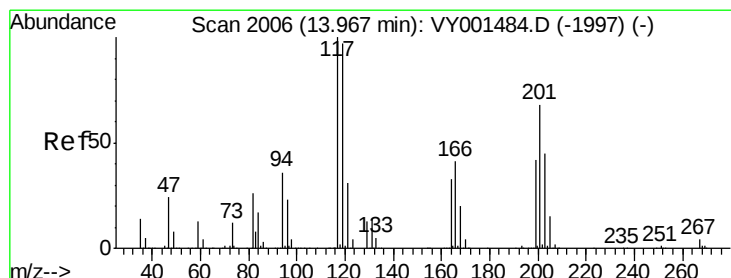
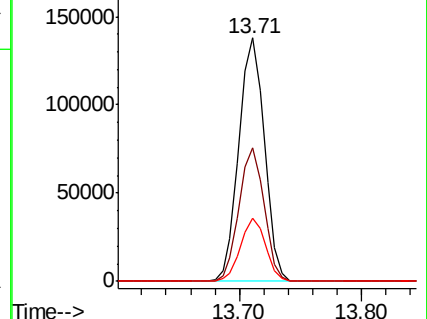
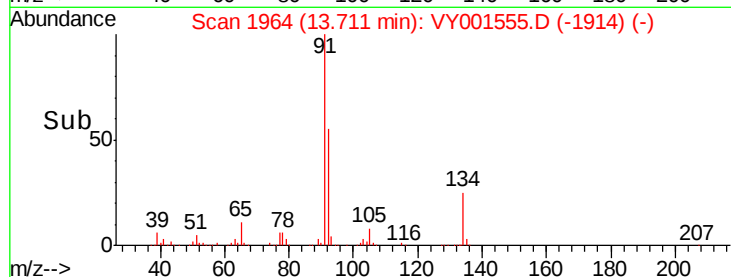
134 25.3 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VY001555.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001555.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001555.D (-1914) (-)



#90

Hexachloroethane

Concen: 18.161 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY001555.D

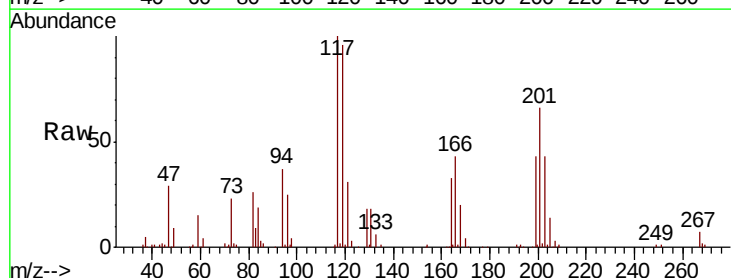
Acq: 07 Feb 2020 15:40

Tgt Ion: 117 Resp: 36038

Ion Ratio Lower Upper

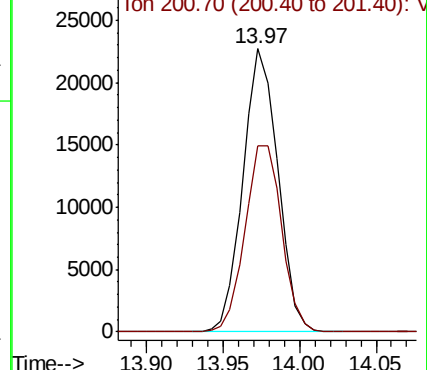
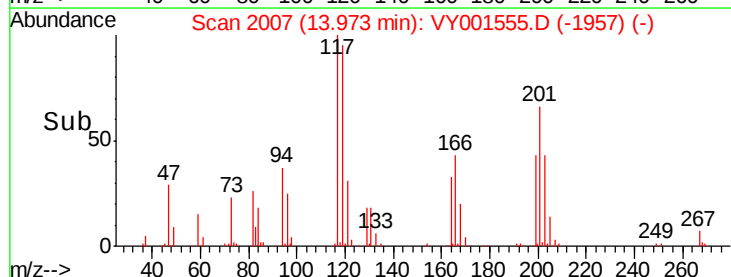
117 100

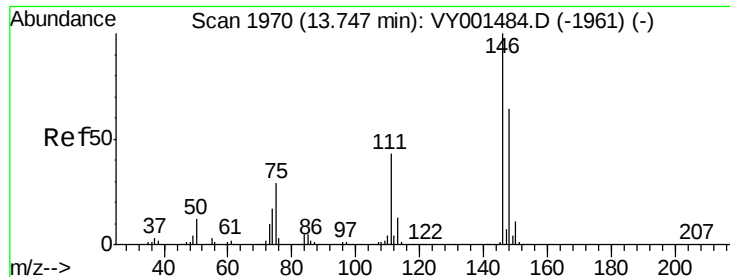
201 69.3 34.1 102.3



Abundance Ion 116.80 (116.50 to 117.50): VY001555.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY001555.D (-1957) (-)





#91

1,2-Dichlorobenzene

Concen: 19.548 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

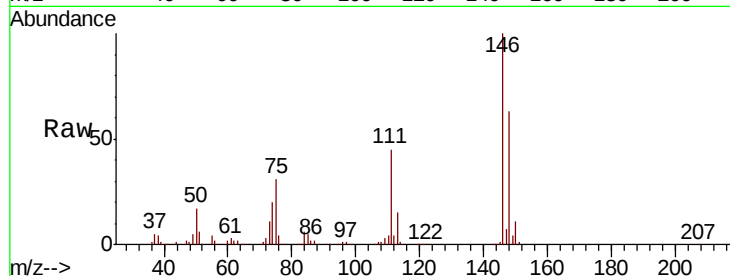
Tot Ion:146 Resp: 86125

Ion Ratio Lower Upper

146 100

111 43.3 21.9 65.8

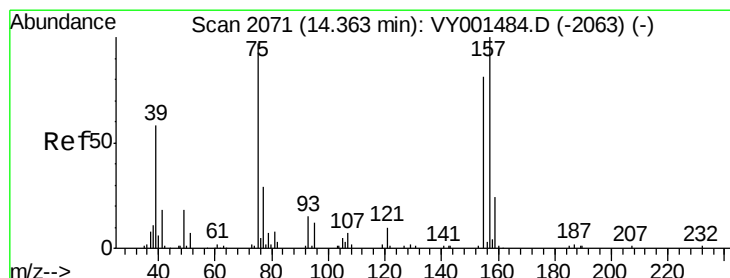
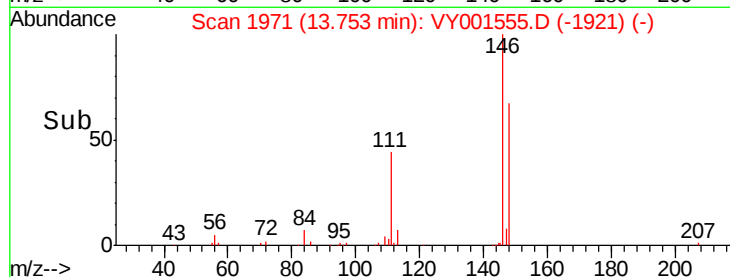
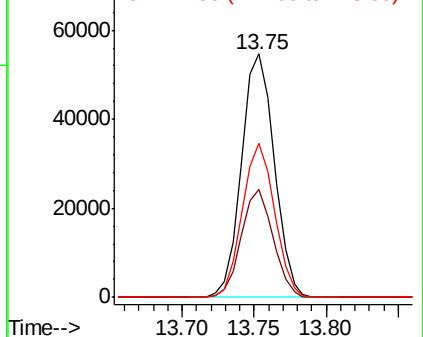
148 62.3 31.8 95.3



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: 19.263 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY001555.D

Acq: 07 Feb 2020 15:40

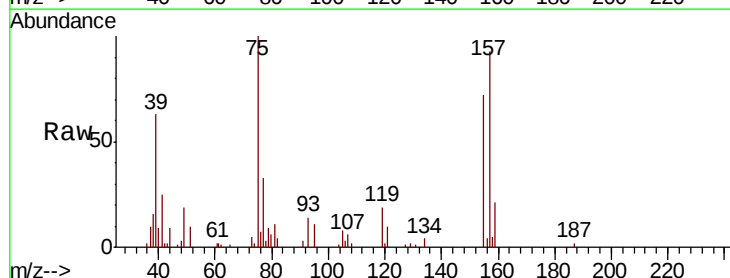
Tgt Ion: 75 Resp: 7920

Ion Ratio Lower Upper

75 100

155 82.2 40.7 122.1

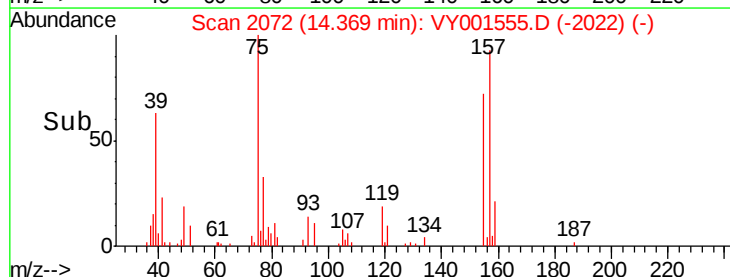
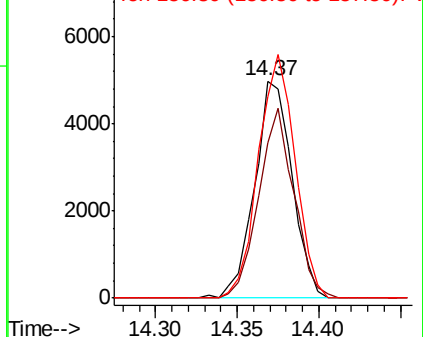
157 109.9 52.3 157.1

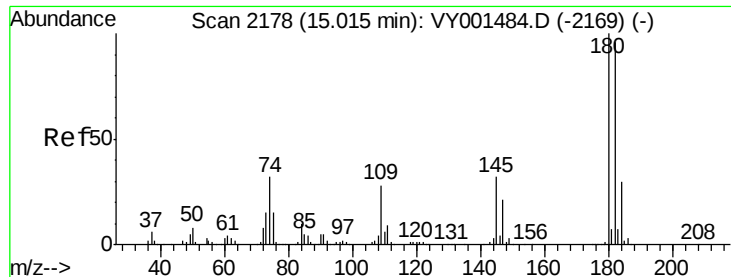


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

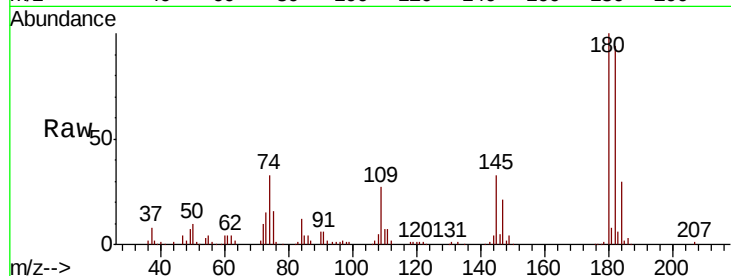




#93
 1,2,4-Trichlorobenzene
 Concen: 19.680 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.9	140.7
145	31.9	16.8	50.3

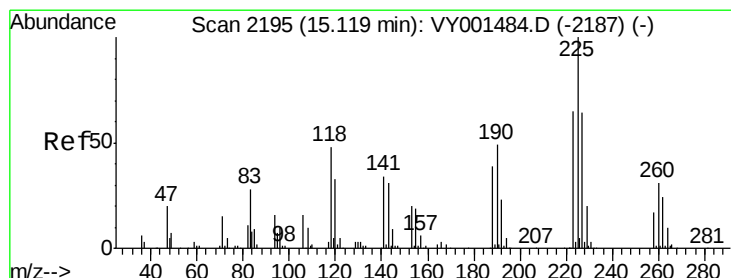
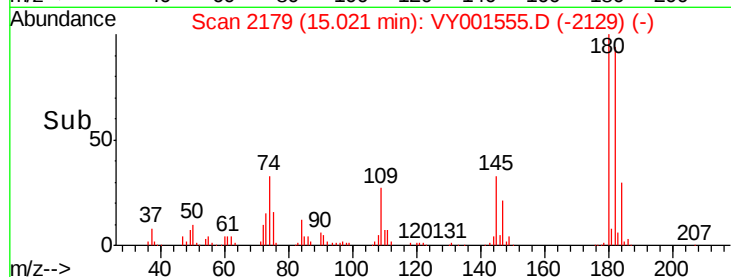
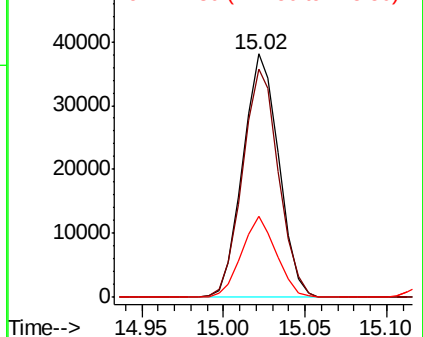


Abundance

Ion 179.80 (179.50 to 180.50): V

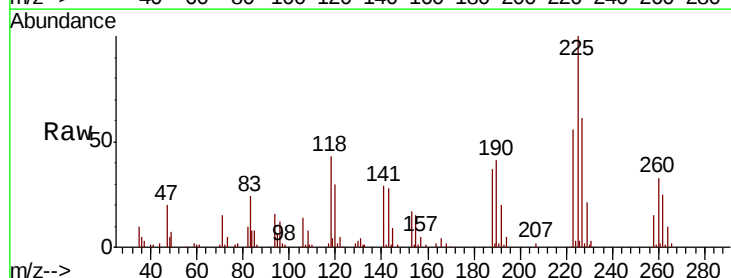
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.130 ug/l
 RT: 15.13 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: VY001555.D
 Acq: 07 Feb 2020 15:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	62.8	32.6	97.7

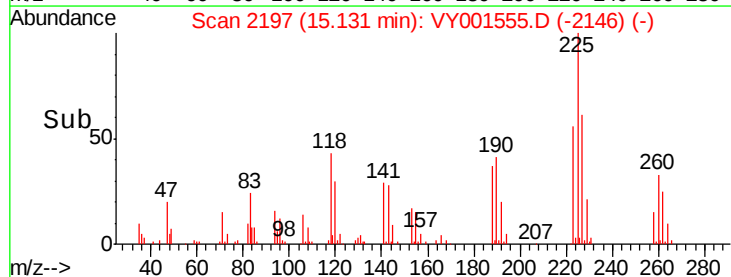
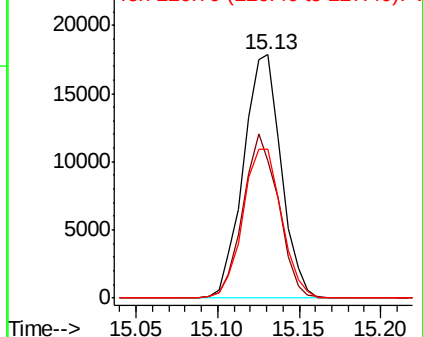


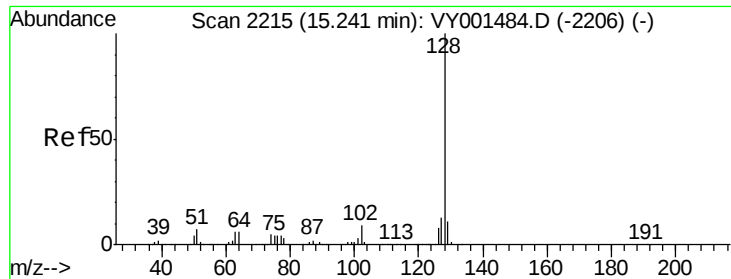
Abundance

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

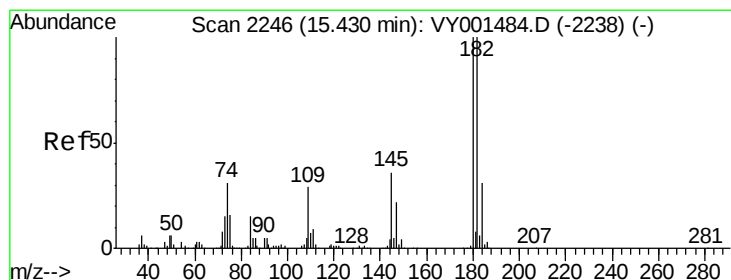
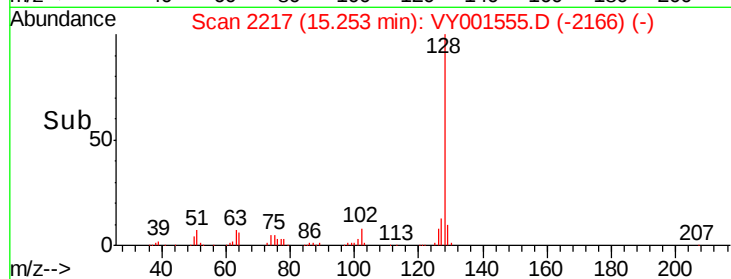
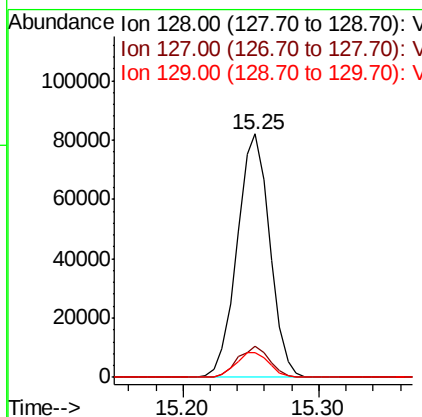
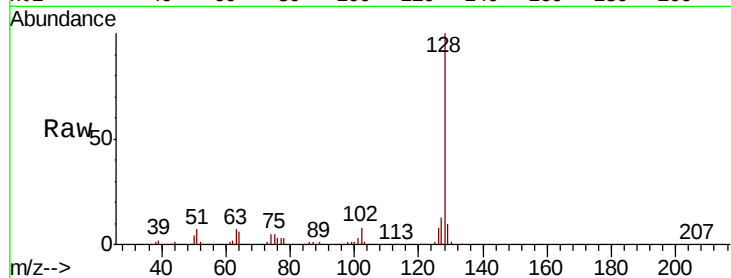




#95
Naphthalene
Concen: 19.606 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 136806
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.5 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.754 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001555.D
Acq: 07 Feb 2020 15:40

Tgt Ion:180 Resp: 51773
Ion Ratio Lower Upper
180 100
182 94.7 48.0 144.2
145 33.8 17.8 53.5

