

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001552.D
 Acq On : 07 Feb 2020 14:32
 Operator : SY/MD
 Sample : VY0207SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:24:18 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	7.81	168	198389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	347340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	312816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	151323	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	106143	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
35) Dibromofluoromethane	7.74	113	97555	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	10.19	98	406513	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.49	95	147821	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	38032	19.584	ug/l	99
3) Chloromethane	2.12	50	49549	24.412	ug/l	100
4) Vinyl Chloride	2.26	62	50942	24.172	ug/l	98
5) Bromomethane	2.65	94	35819	27.024	ug/l	92
6) Chloroethane	2.80	64	32727	25.762	ug/l	99
7) Trichlorofluoromethane	3.13	101	69041	19.791	ug/l	96
8) Diethyl Ether	3.54	74	26033	22.114	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43391	20.672	ug/l	98
10) Methyl Iodide	4.11	142	50389	18.841	ug/l	98
11) Tert butyl alcohol	4.97	59	25723	93.324	ug/l	98
12) 1,1-Dichloroethene	3.89	96	43040	20.635	ug/l	97
13) Acrolein	3.75	56	19203	101.528	ug/l	94
14) Allyl chloride	4.50	41	75830	23.765	ug/l	97
15) Acrylonitrile	5.19	53	69555	128.883	ug/l	98
16) Acetone	3.97	43	62510	108.187	ug/l	99
17) Carbon Disulfide	4.21	76	140568	21.170	ug/l	100
18) Methyl Acetate	4.49	43	34074	27.635	ug/l	94
19) Methyl tert-butyl Ether	5.24	73	121440	21.893	ug/l	97
20) Methylene Chloride	4.74	84	52047	20.187	ug/l	90
21) trans-1,2-Dichloroethene	5.24	96	50054	21.587	ug/l	96
22) Diisopropyl ether	6.14	45	155378	24.579	ug/l	97
23) Vinyl Acetate	6.08	43	514120	127.754	ug/l	96
24) 1,1-Dichloroethane	6.04	63	84438	22.206	ug/l	98
25) 2-Butanone	7.01	43	94624	126.233	ug/l	94
26) 2,2-Dichloropropane	7.00	77	74507	20.474	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	54994	21.714	ug/l	98
28) Bromochloromethane	7.36	49	29523	22.792	ug/l	93
29) Tetrahydrofuran	7.36	42	61836	137.631	ug/l	93
30) Chloroform	7.52	83	81818	21.243	ug/l	98
31) Cyclohexane	7.80	56	86897	22.341	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	71914	20.594	ug/l	96
36) 1,1-Dichloropropene	7.93	75	68137	21.444	ug/l	98
37) Ethyl Acetate	7.09	43	41578	27.030	ug/l	96
38) Carbon Tetrachloride	7.92	117	62171	20.223	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	91192	21.796	ug/l	98
40) Benzene	8.18	78	200590	22.132	ug/l	98
41) Methacrylonitrile	7.36	41	55050	77.218	ug/l #	20
42) 1,2-Dichloroethane	8.25	62	55936	22.153	ug/l	100
43) Isopropyl Acetate	8.28	43	79151	25.989	ug/l	94
44) Trichloroethene	8.95	130	51906	21.247	ug/l	100
45) 1,2-Dichloropropane	9.23	63	50730	23.180	ug/l	99
46) Dibromomethane	9.32	93	26815	21.820	ug/l	99
47) Bromodichloromethane	9.51	83	63534	21.218	ug/l	98
48) Methyl methacrylate	9.30	41	35522	25.698	ug/l	92
49) 1,4-Dioxane	9.31	88	7476	460.632	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	203893	135.941	ug/l	95
52) Toluene	10.25	92	127917	22.244	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	69589	21.337	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	80854	21.594	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	38966	22.100	ug/l	98
56) Ethyl methacrylate	10.52	69	57769	23.035	ug/l	92
57) 1,3-Dichloropropane	10.80	76	69145	22.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	99941	108.328	ug/l	96
59) 2-Hexanone	10.84	43	146127	133.996	ug/l	95
60) Dibromochloromethane	11.00	129	43376	20.870	ug/l	100
61) 1,2-Dibromoethane	11.10	107	37824	21.780	ug/l	97
64) Tetrachloroethene	10.73	164	42816	20.871	ug/l	95
65) Chlorobenzene	11.53	112	131504	21.410	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	45465	21.150	ug/l	98
67) Ethyl Benzene	11.60	91	243776	21.466	ug/l	99
68) m/p-Xylenes	11.71	106	184573	43.293	ug/l	96
69) o-Xylene	12.04	106	85926	21.376	ug/l	98
70) Styrene	12.05	104	151202	21.752	ug/l	98
71) Bromoform	12.22	173	25643	21.423	ug/l #	99
73) Isopropylbenzene	12.34	105	234461	20.315	ug/l	100
74) N-amyl acetate	12.15	43	74960	24.995	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.60	83	49923	22.768	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	66130	40.637	ug/l #	100
77) Bromobenzene	12.62	156	51190	20.495	ug/l	95
78) n-propylbenzene	12.68	91	287148	20.783	ug/l	100
79) 2-Chlorotoluene	12.77	91	158816	20.165	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	196612	20.228	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	18155	21.587	ug/l	94
82) 4-Chlorotoluene	12.86	91	167837	20.326	ug/l	99
83) tert-Butylbenzene	13.08	119	162397	19.767	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	196738	20.451	ug/l	98
85) sec-Butylbenzene	13.27	105	240604	20.830	ug/l	100
86) p-Isopropyltoluene	13.38	119	213753	20.999	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	101964	21.302	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	101123	21.088	ug/l	100
89) n-Butylbenzene	13.71	91	215313	21.438	ug/l	100
90) Hexachloroethane	13.97	117	39341	20.136	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	92477	21.319	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8664	21.403	ug/l	97

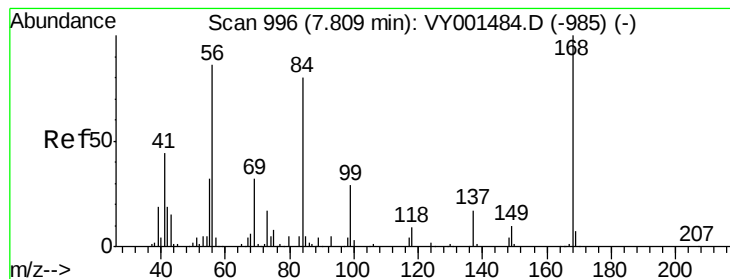
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	62654	21.434	ug/l	97
94) Hexachlorobutadiene	15.13	225	31271	21.078	ug/l	99
95) Naphthalene	15.25	128	146026	21.256	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	57337	22.221	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

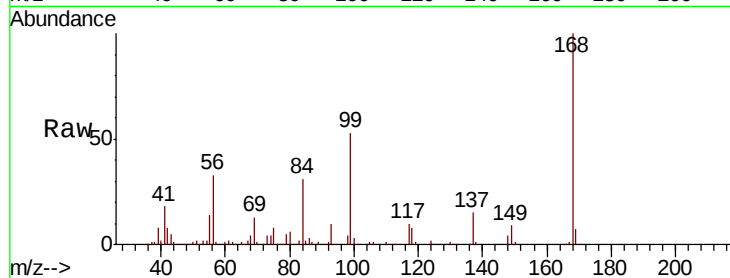
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 198389

Ion Ratio Lower Upper

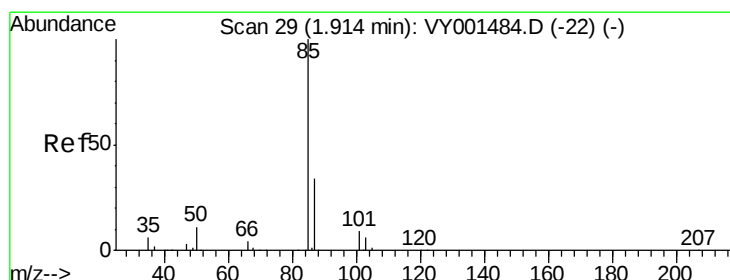
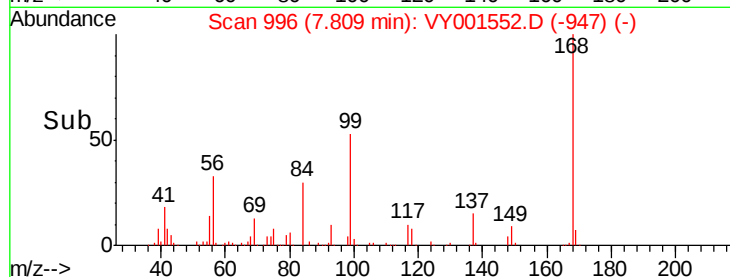
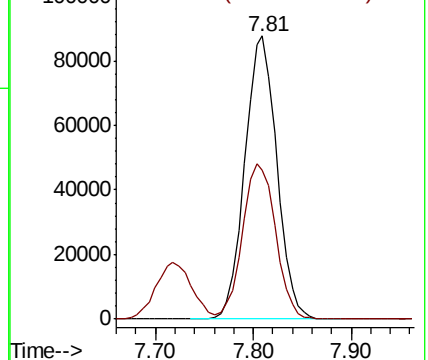
168 100

99 52.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001552.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001552.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 19.584 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001552.D

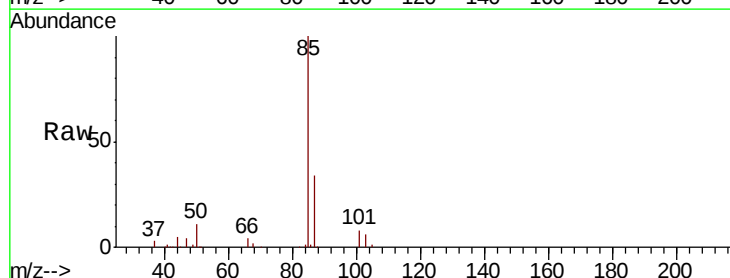
Acq: 07 Feb 2020 14:32

Tgt Ion: 85 Resp: 38032

Ion Ratio Lower Upper

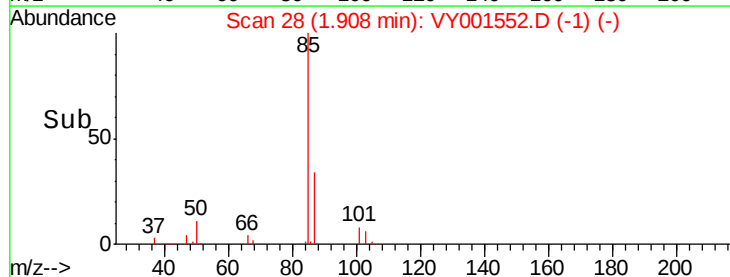
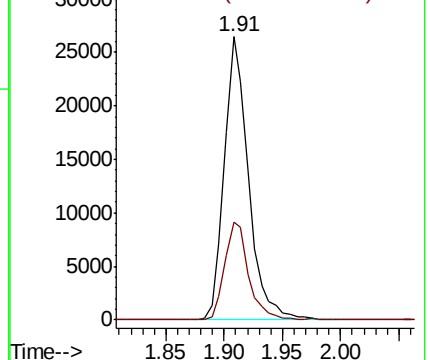
85 100

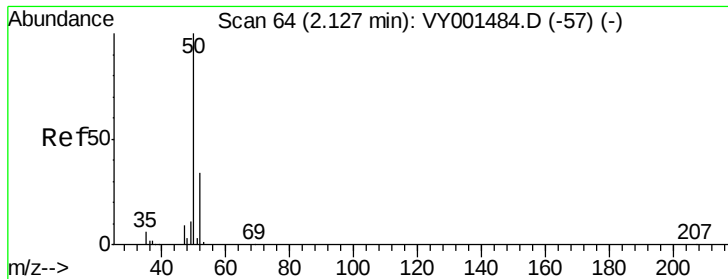
87 34.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001552.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001552.D (-1) (-)





#3

Chloromethane

Concen: 24.412 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

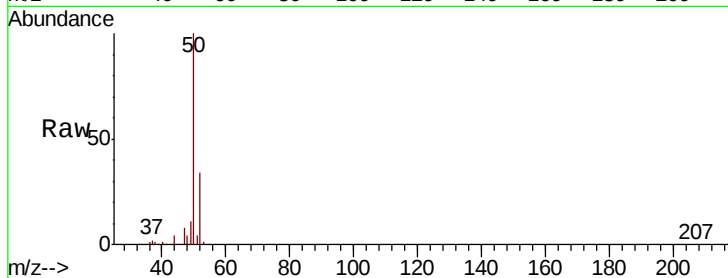
ClientSampleId :

Tot Ion: 50 Resp: 49549

Ion Ratio Lower Upper

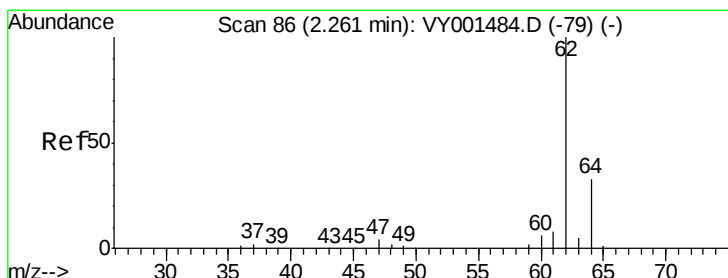
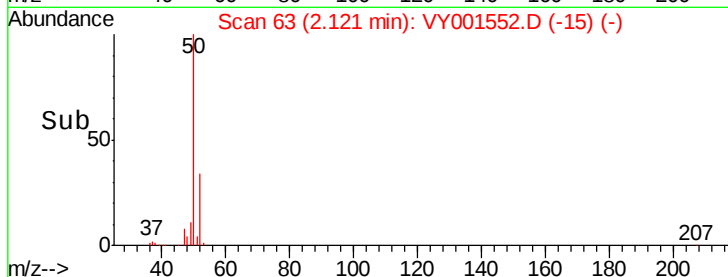
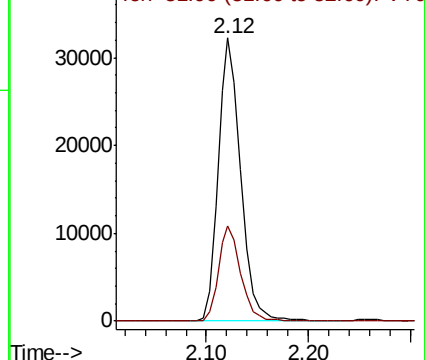
50 100

52 33.8 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 24.172 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001552.D

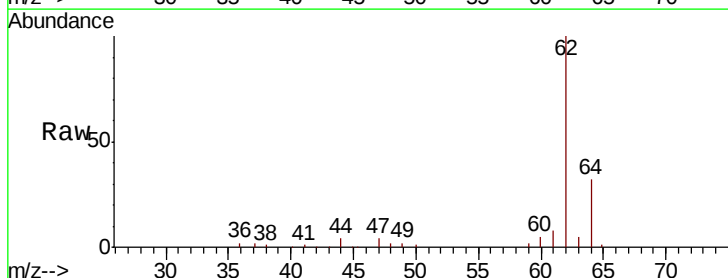
Acq: 07 Feb 2020 14:32

Tgt Ion: 62 Resp: 50942

Ion Ratio Lower Upper

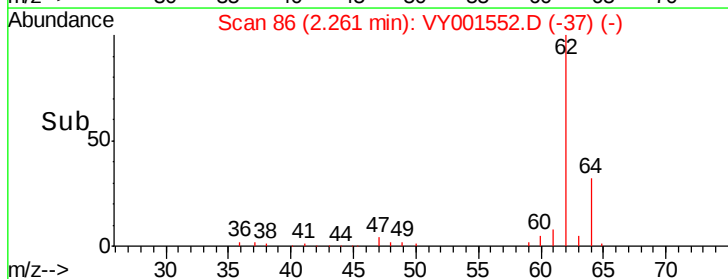
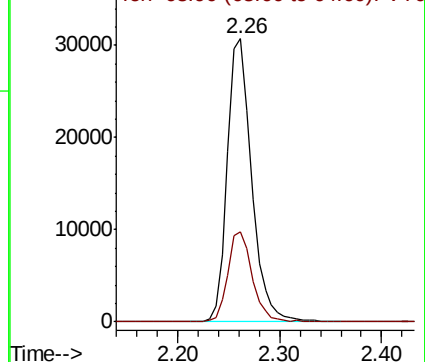
62 100

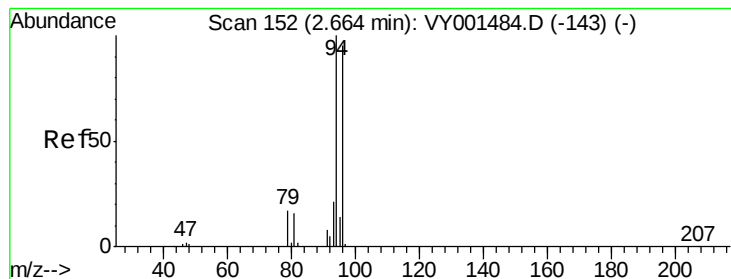
64 32.0 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 27.024 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

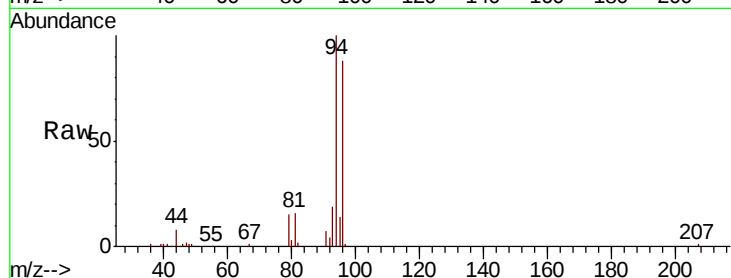
ClientSampleId :

Tot Ion: 94 Resp: 35819

Ion Ratio Lower Upper

94 100

96 87.5 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY001484.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VY001484.D (-143) (-)

2.65

15000

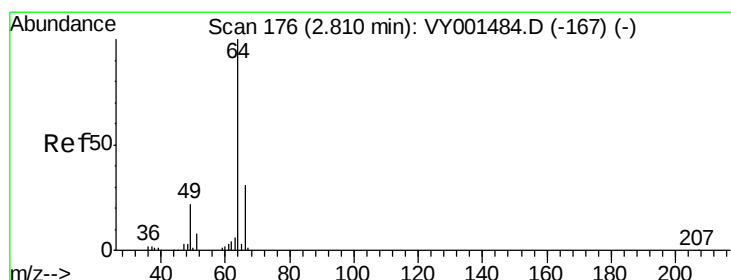
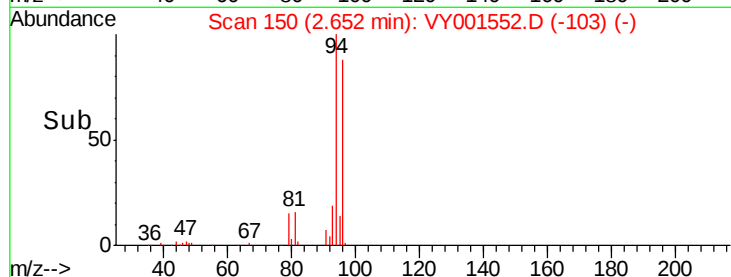
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 25.762 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001552.D

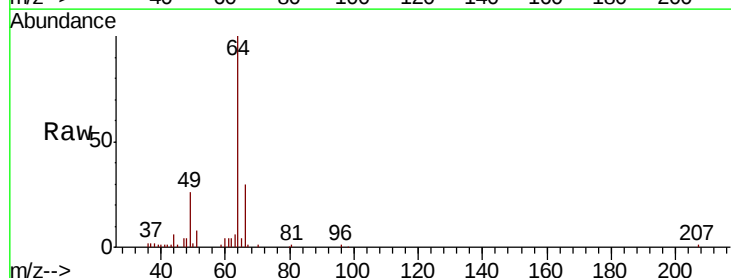
Acq: 07 Feb 2020 14:32

Tgt Ion: 64 Resp: 32727

Ion Ratio Lower Upper

64 100

66 30.2 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY001484.D (-167) (-)

Ion 65.90 (65.60 to 66.60): VY001484.D (-167) (-)

2.80

15000

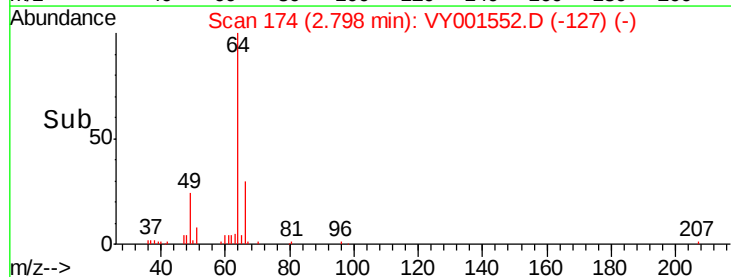
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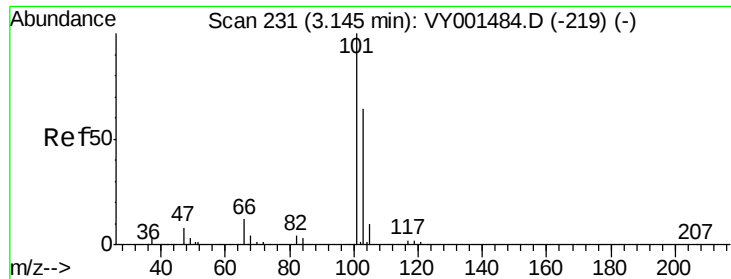
5000

0

Time-->

2.70 2.80 2.90



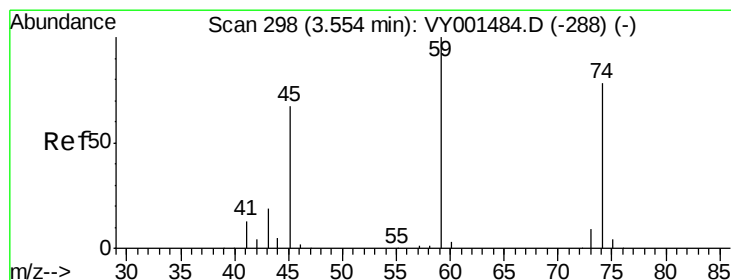
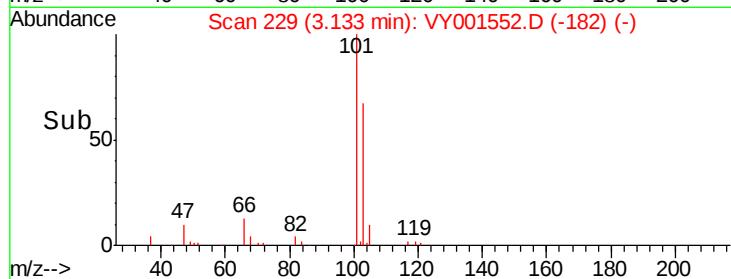
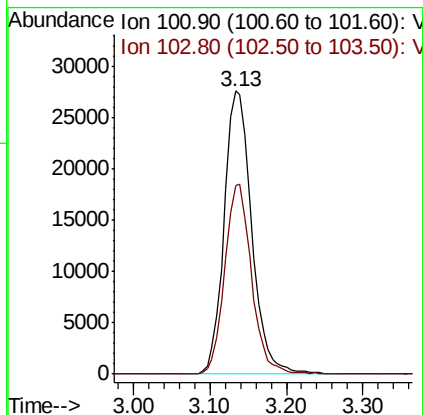
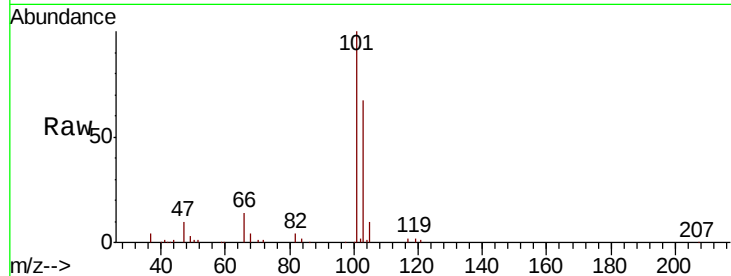


#7

Trichlorofluoromethane
Concen: 19.791 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Instrument :
MSVOA_Y
ClientSampled :

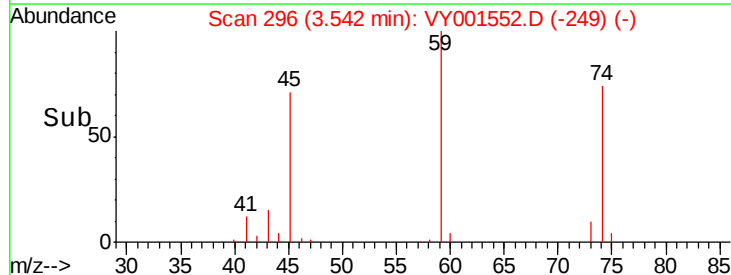
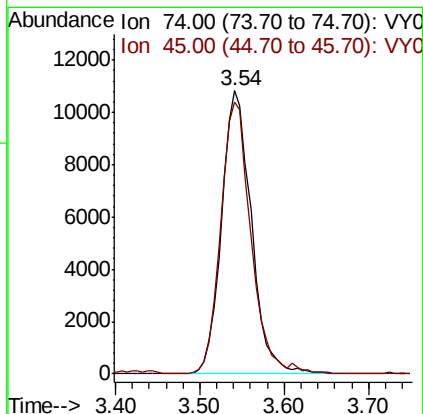
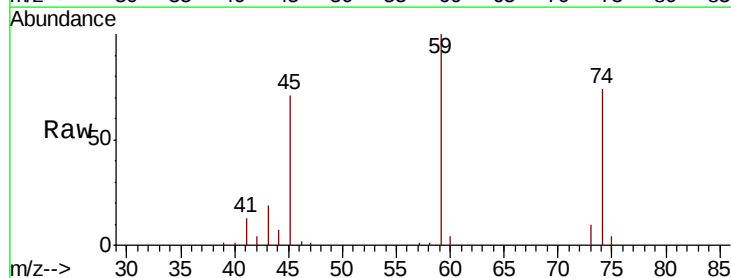
Tot Ion:101 Resp: 69041
Ion Ratio Lower Upper
101 100
103 66.8 50.9 76.3

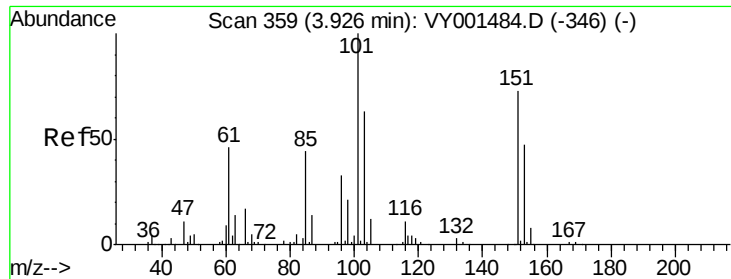


#8

Diethyl Ether
Concen: 22.114 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion: 74 Resp: 26033
Ion Ratio Lower Upper
74 100
45 97.9 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.672 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

ClientSampled :

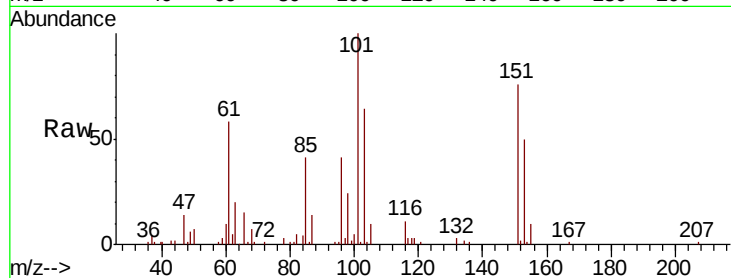
Tot Ion:101 Resp: 43391

Ion Ratio Lower Upper

101 100

85 44.7 34.6 51.8

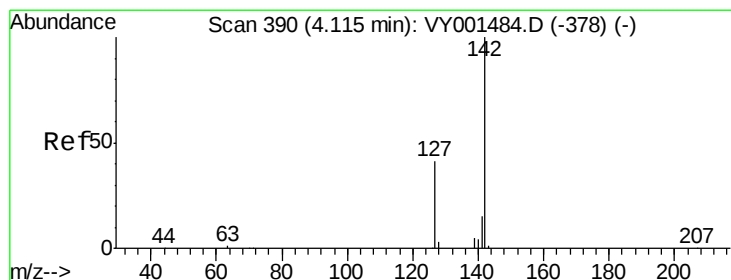
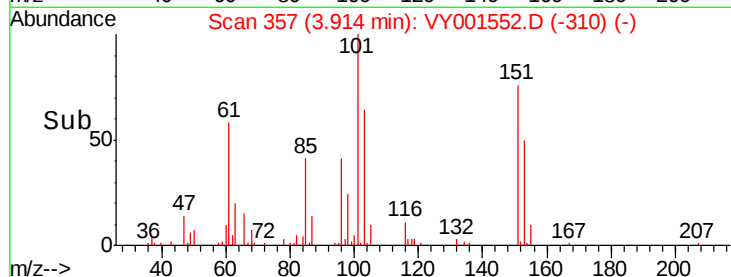
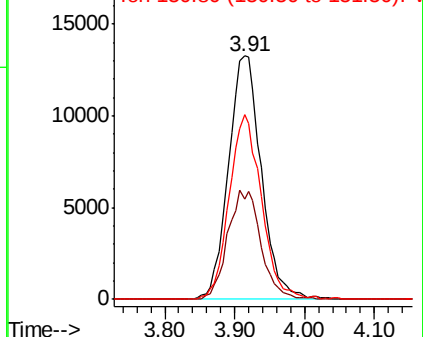
151 74.1 60.3 90.5



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: 18.841 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

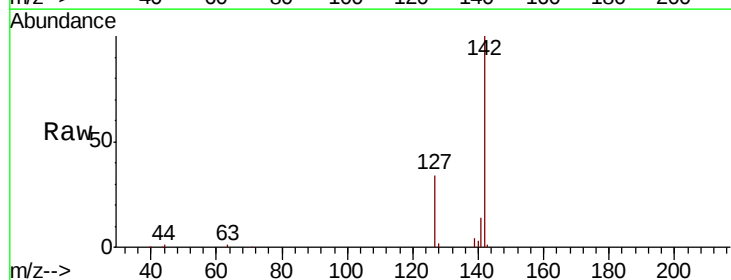
Tgt Ion:142 Resp: 50389

Ion Ratio Lower Upper

142 100

127 39.8 33.3 49.9

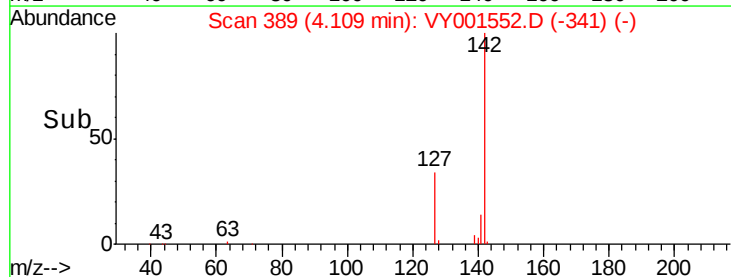
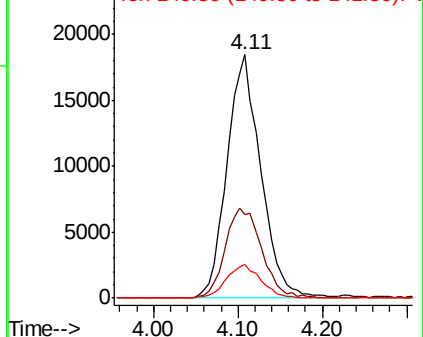
141 14.1 11.5 17.3

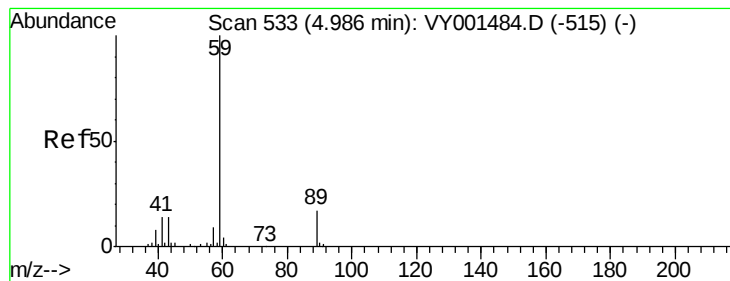


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



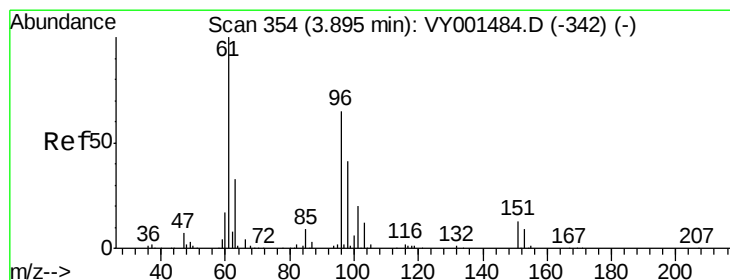
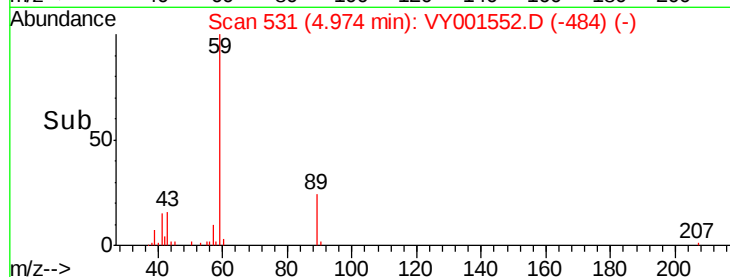
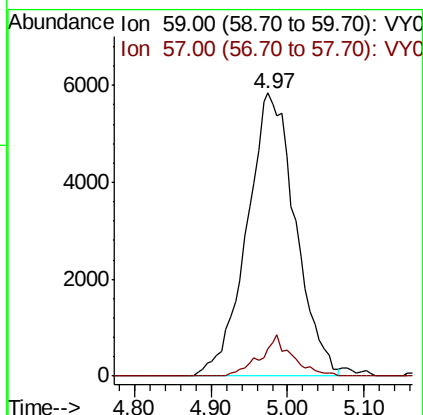
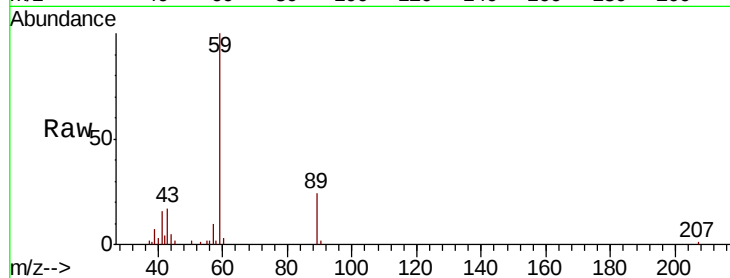


#11

Tert butyl alcohol
 Concen: 93.324 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :

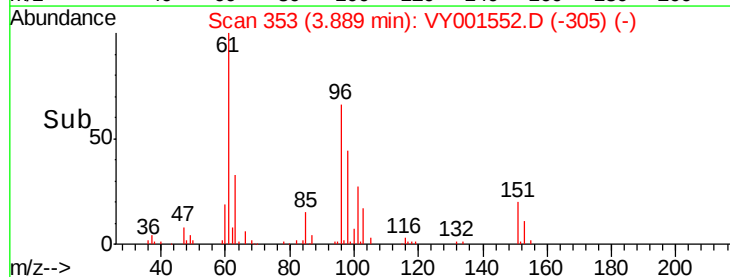
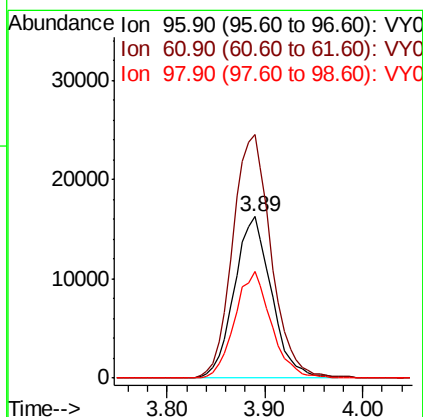
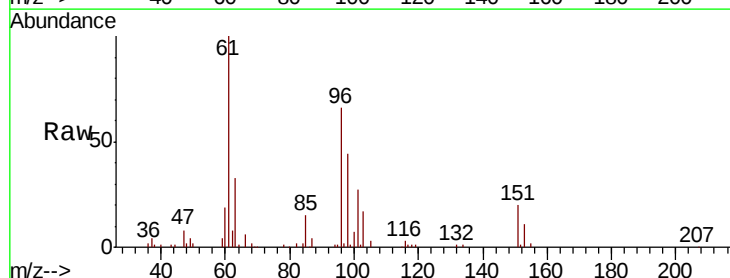
Tot Ion: 59 Resp: 25723
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.0 10.6

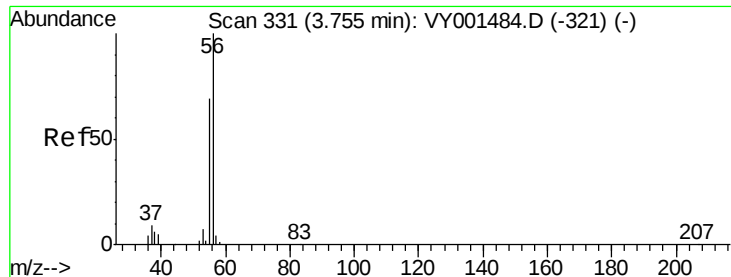


#12

1,1-Dichloroethene
 Concen: 20.635 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Tgt Ion: 96 Resp: 43040
 Ion Ratio Lower Upper
 96 100
 61 150.6 122.3 183.5
 98 66.2 49.7 74.5





#13

Acrolein

Concen: 101.528 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

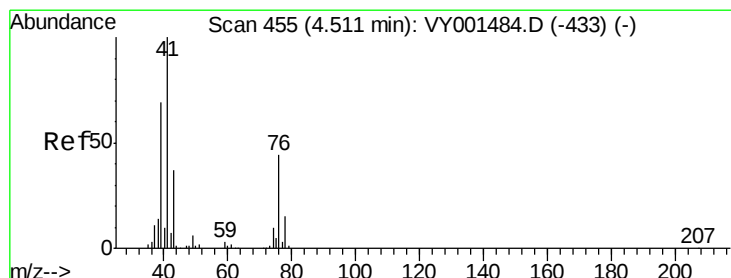
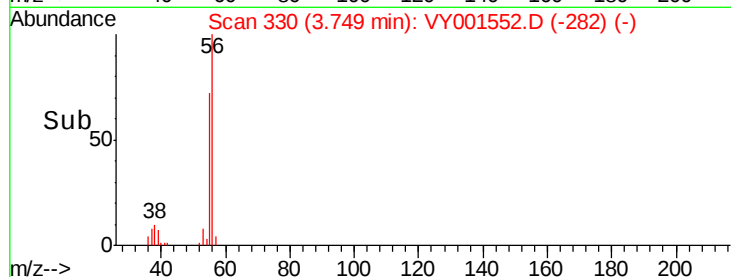
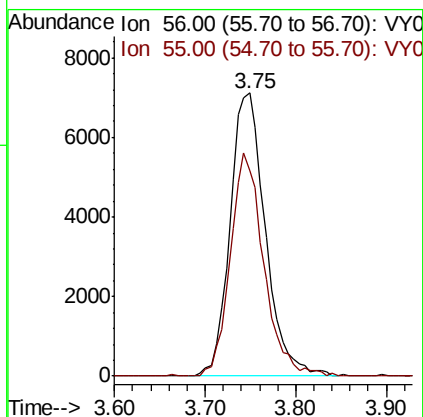
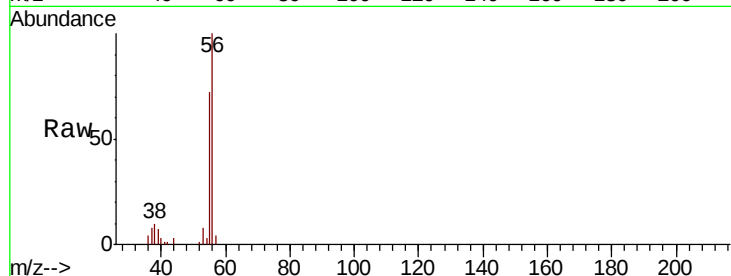
ClientSampleId :

Tot Ion: 56 Resp: 19203

Ion Ratio Lower Upper

56 100

55 74.9 56.2 84.4



#14

Allyl chloride

Concen: 23.765 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

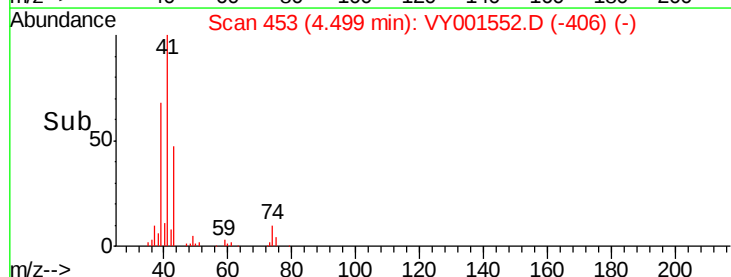
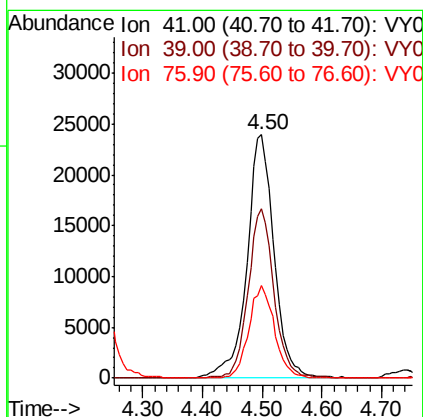
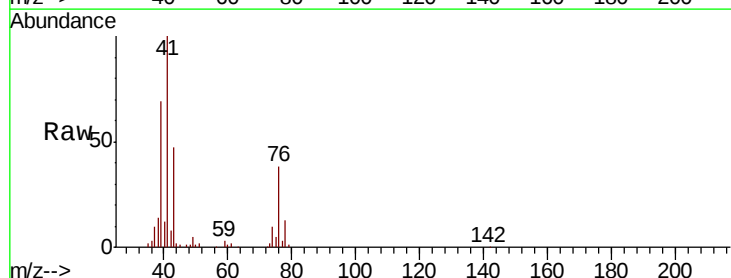
Tgt Ion: 41 Resp: 75830

Ion Ratio Lower Upper

41 100

39 66.0 53.0 79.6

76 35.9 32.6 48.8





#15

Acrylonitrile

Concen: 128.883 ug/l

RT: 5.19 min Scan# 567

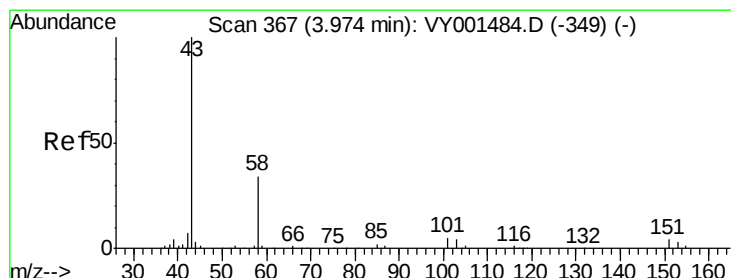
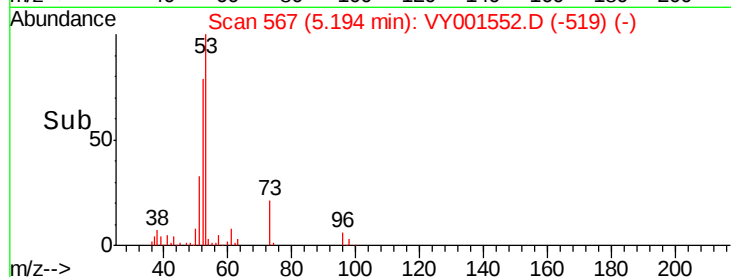
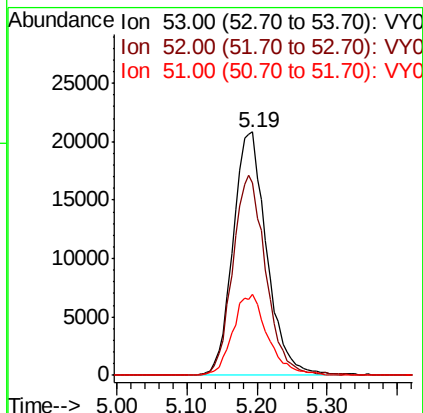
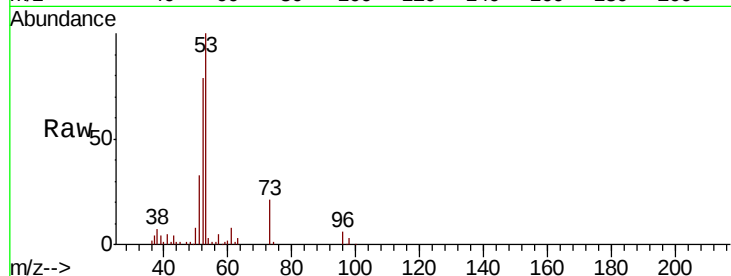
Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	53	Resp:	69555
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.4	98.2
51	34.6	29.0	43.4



#16

Acetone

Concen: 108.187 ug/l

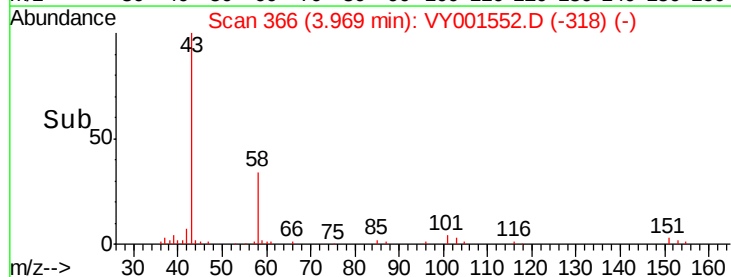
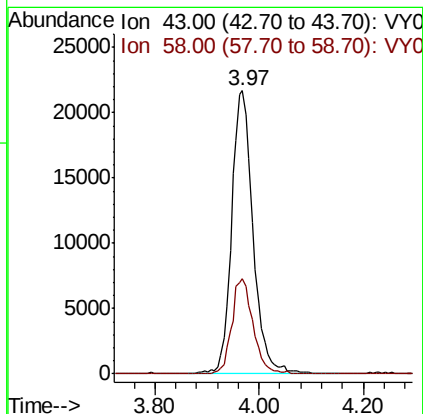
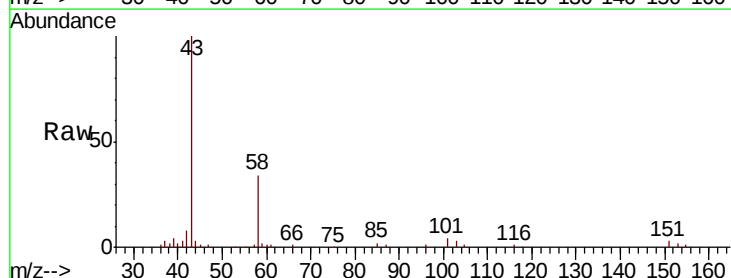
RT: 3.97 min Scan# 366

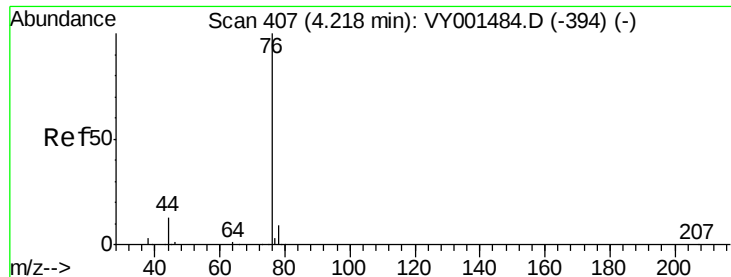
Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Tgt Ion:	43	Resp:	62510
Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.5	41.3

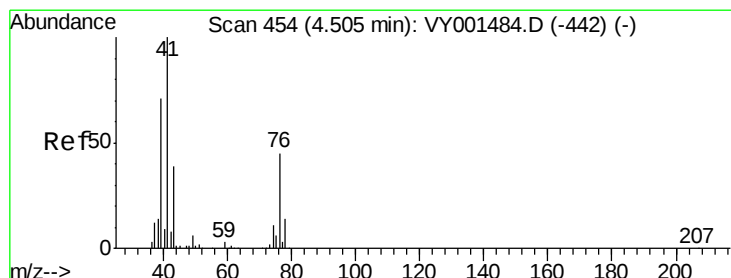
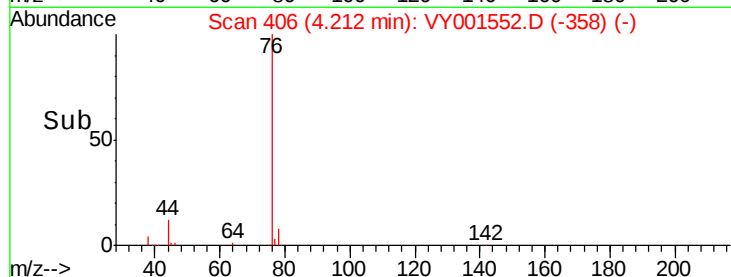
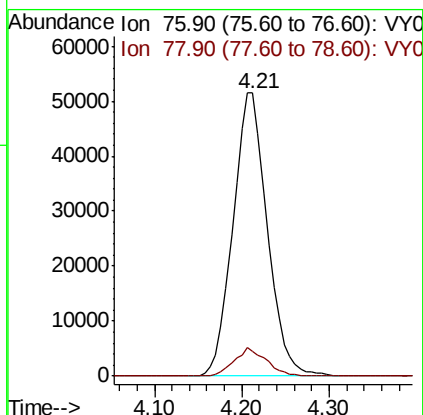
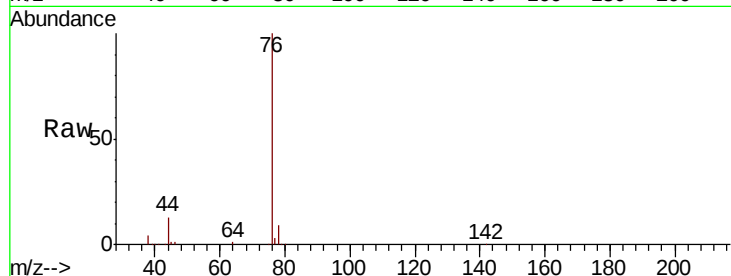




#17
Carbon Disulfide
Concen: 21.170 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

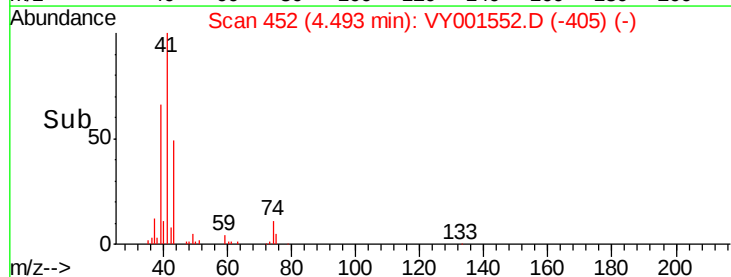
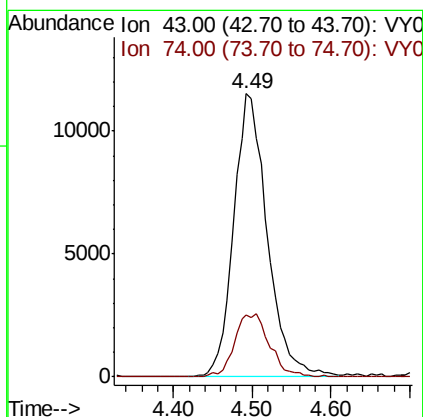
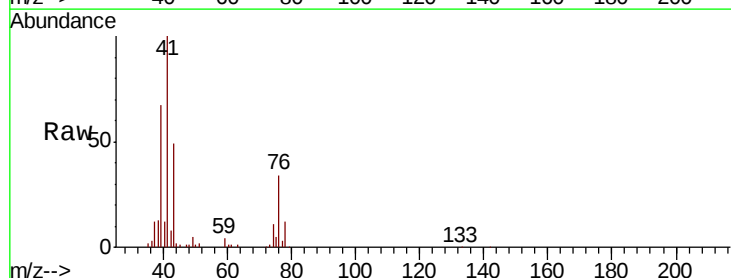
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 140568
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 27.635 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion: 43 Resp: 34074
Ion Ratio Lower Upper
43 100
74 23.1 21.0 31.6

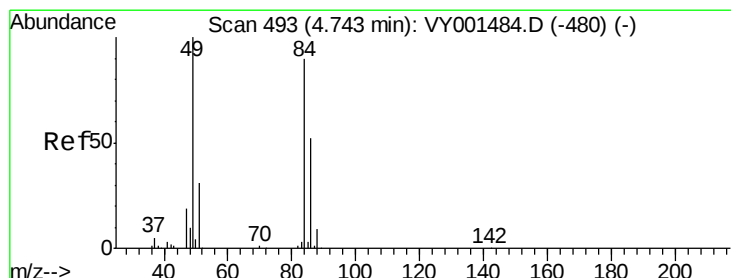
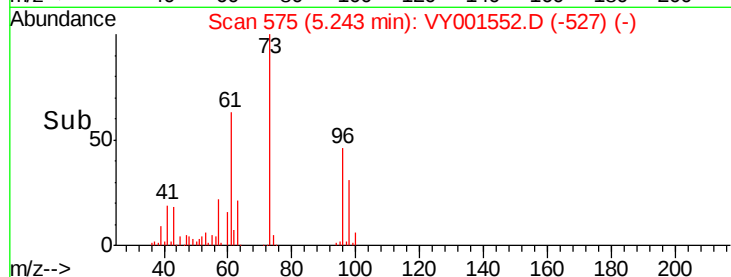
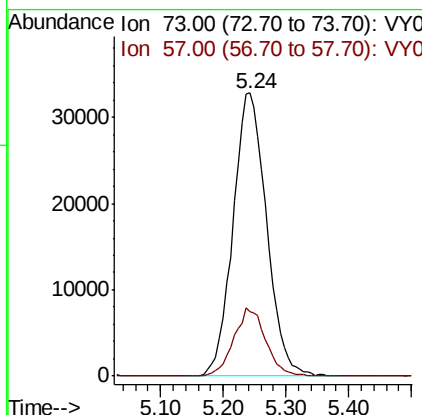
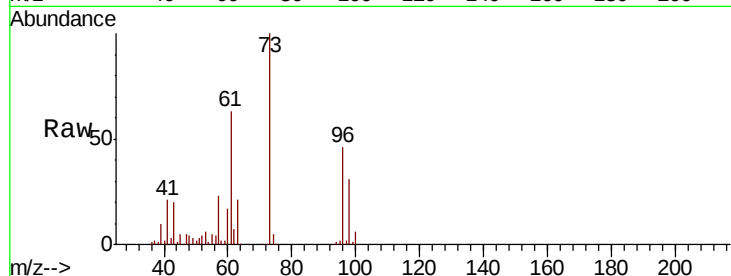




#19
Methyl tert-butyl Ether
Concen: 21.893 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

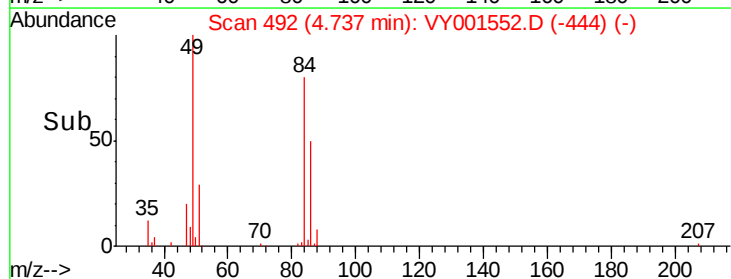
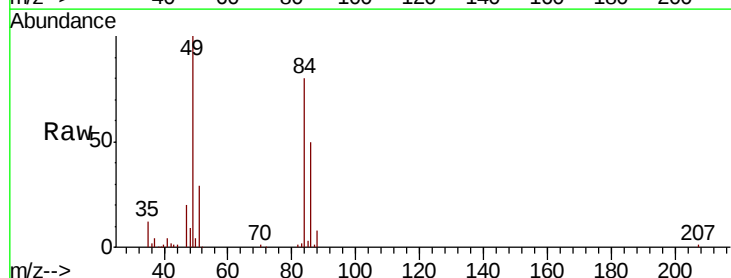
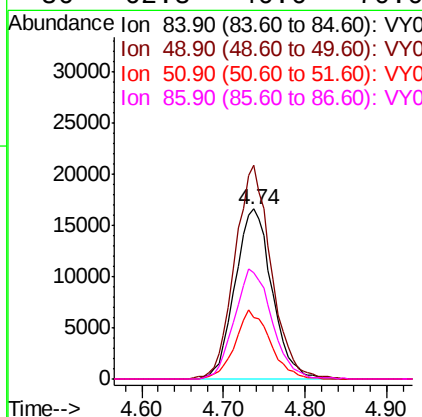
Instrument :
MSVOA_Y
ClientSampleId :

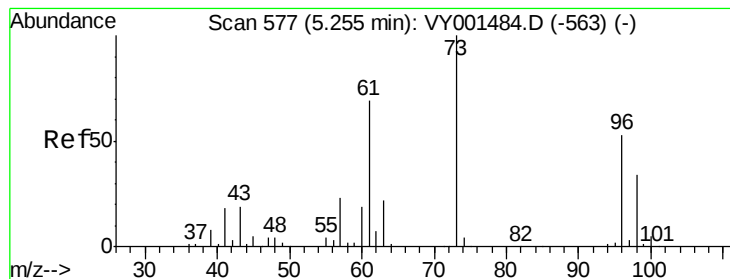
Tot Ion: 73 Resp: 121440
Ion Ratio Lower Upper
73 100
57 22.8 17.0 25.6



#20
Methylene Chloride
Concen: 20.187 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion: 84 Resp: 52047
Ion Ratio Lower Upper
84 100
49 125.6 89.0 133.6
51 35.9 27.4 41.2
86 62.8 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 21.587 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :
MSVOA_Y
ClientSampled :

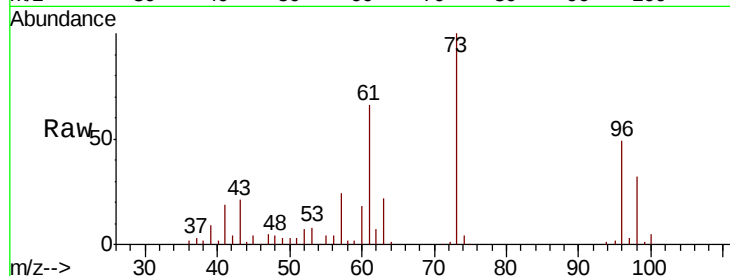
Tot Ion: 96 Resp: 50054

Ion Ratio Lower Upper

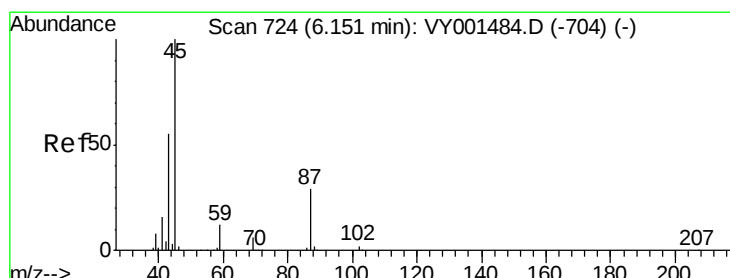
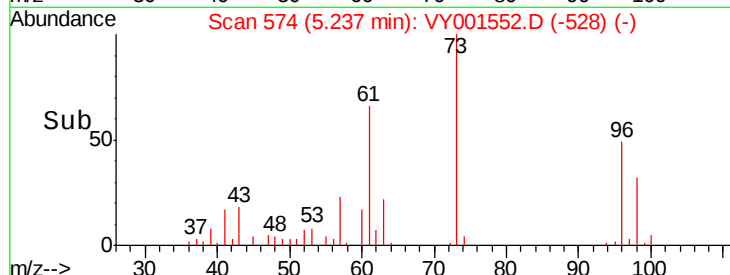
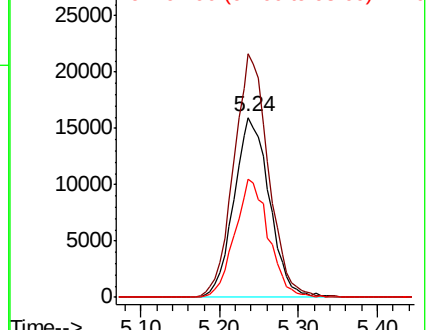
96 100

61 135.5 104.2 156.4

98 66.0 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: 24.579 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Tgt Ion: 45 Resp: 155378

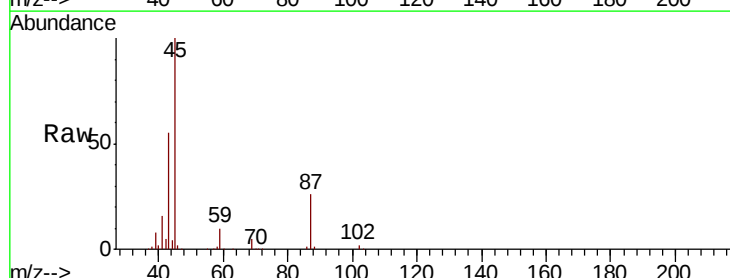
Ion Ratio Lower Upper

45 100

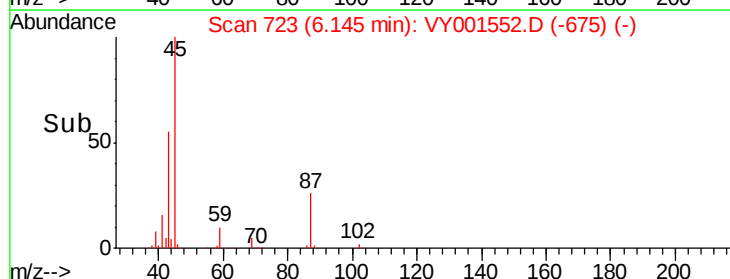
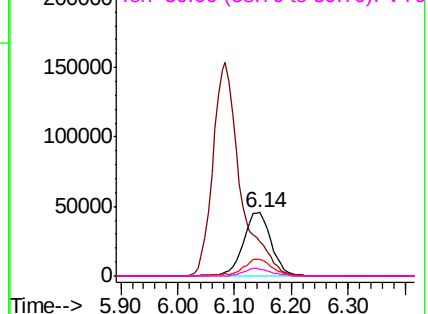
43 54.6 44.2 66.4

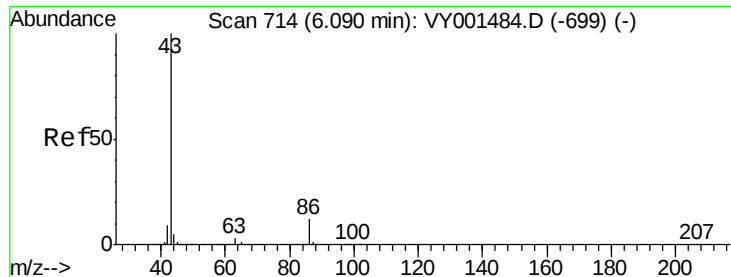
87 26.3 23.9 35.9

59 10.5 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: 127.754 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

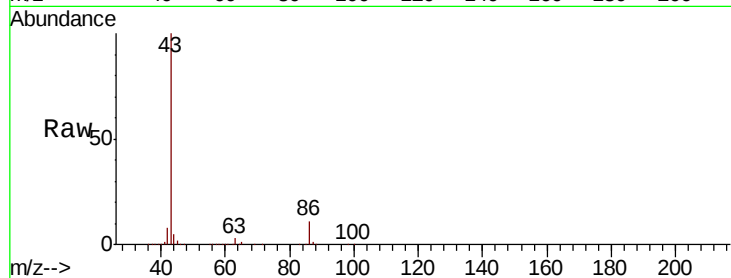
ClientSampleId :

Tot Ion: 43 Resp: 514120

Ion Ratio Lower Upper

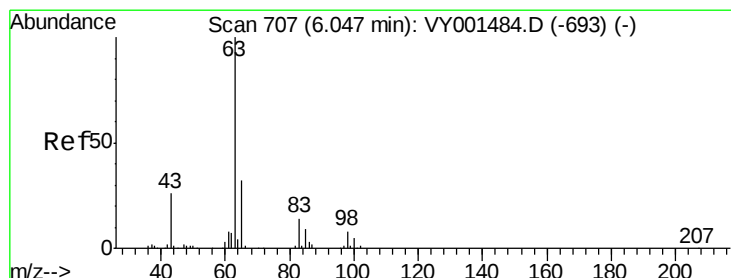
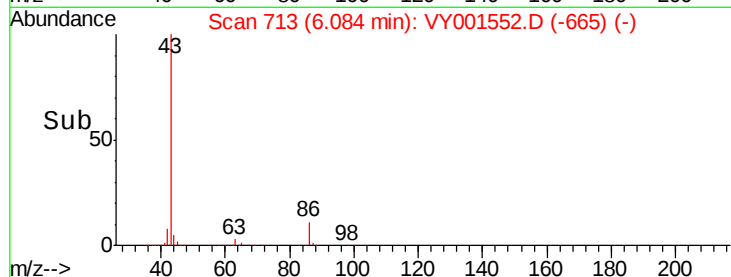
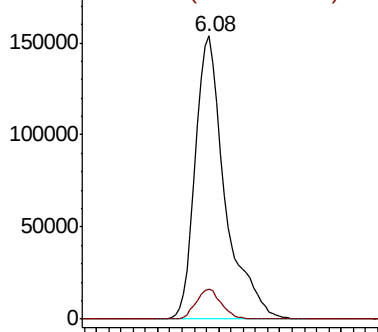
43 100

86 10.8 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: 22.206 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

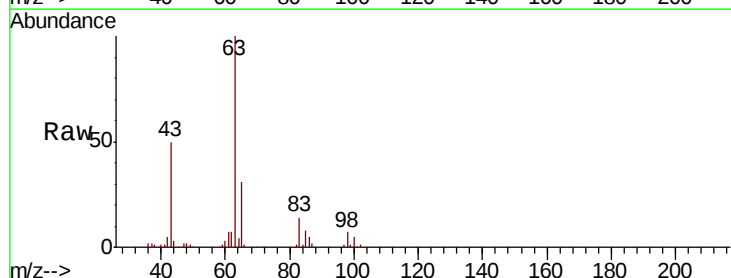
Tgt Ion: 63 Resp: 84438

Ion Ratio Lower Upper

63 100

98 7.4 4.0 11.9

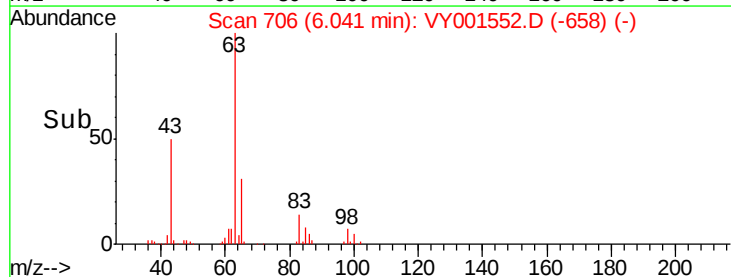
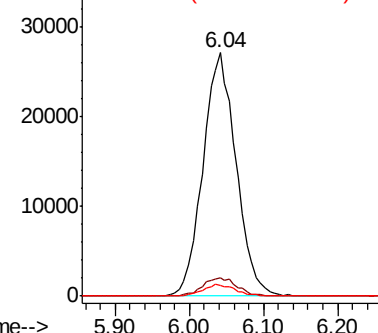
100 4.6 2.6 8.0

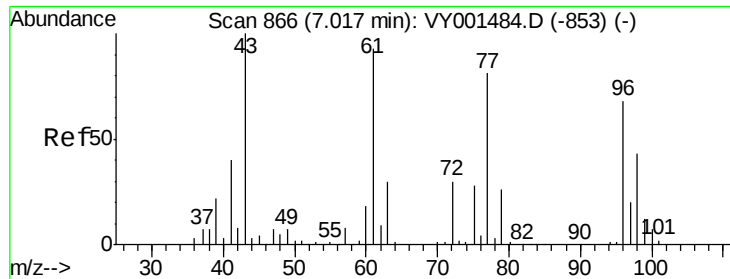


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 126.233 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

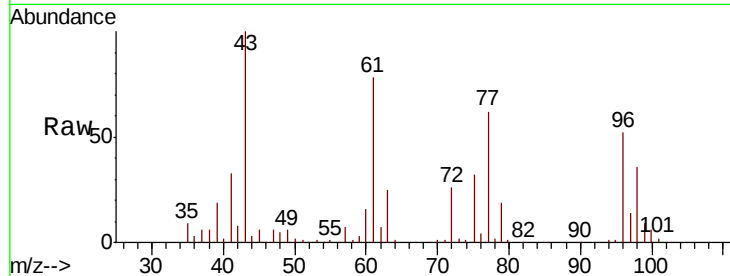
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 94624

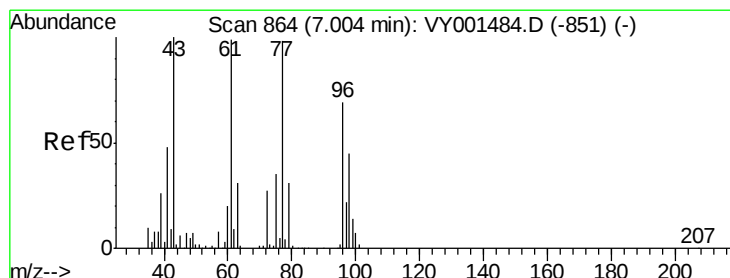
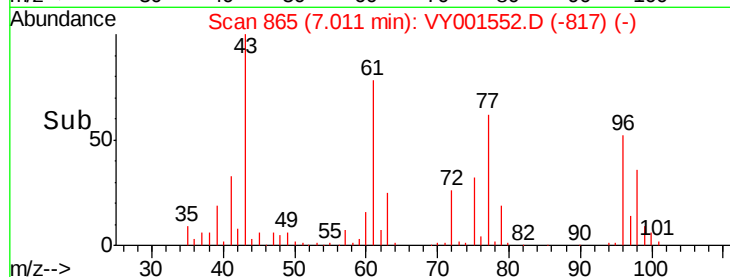
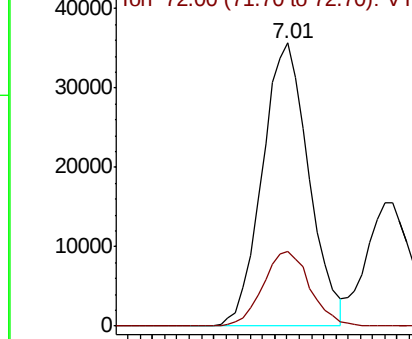
Ion Ratio Lower Upper

43 100

72 26.5 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: 20.474 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY001552.D

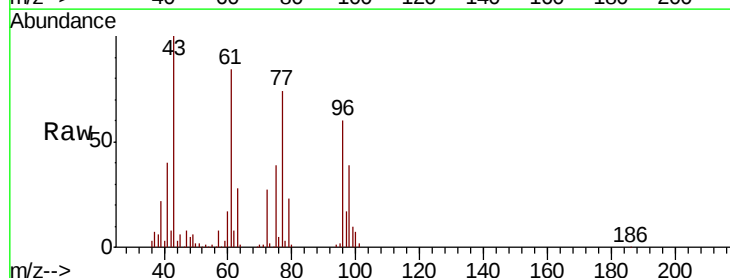
Acq: 07 Feb 2020 14:32

Tgt Ion: 77 Resp: 74507

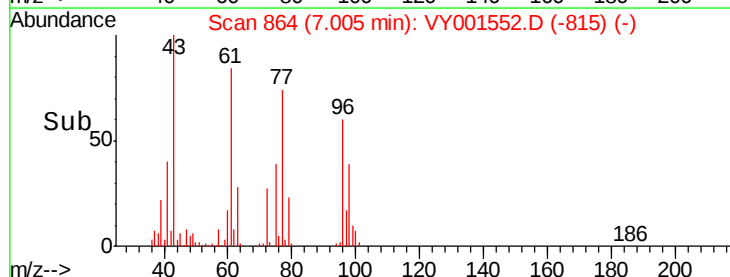
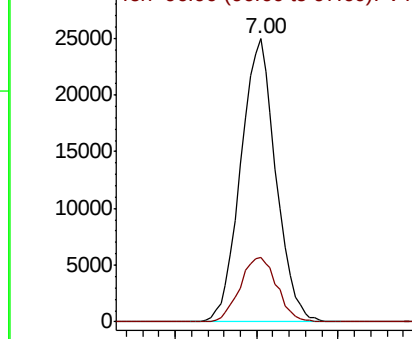
Ion Ratio Lower Upper

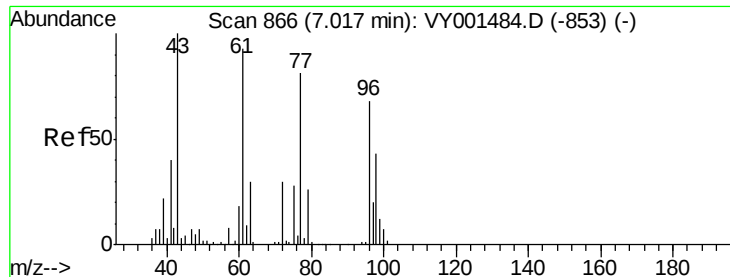
77 100

97 23.7 11.7 35.0



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



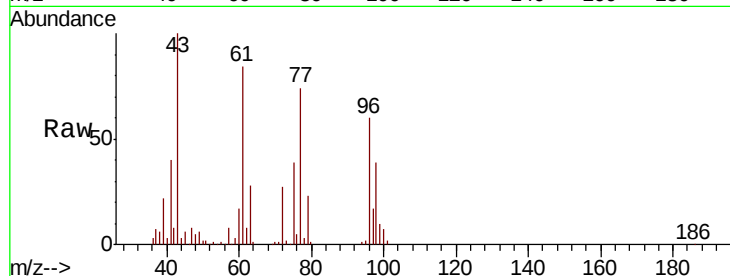


#27

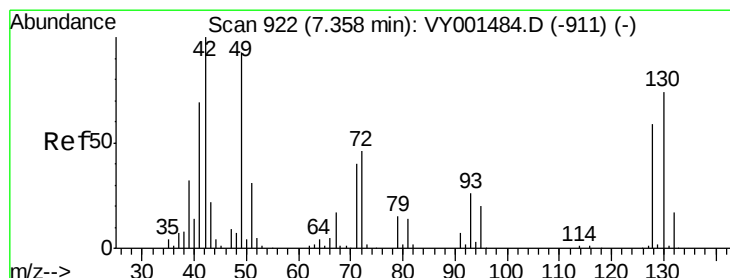
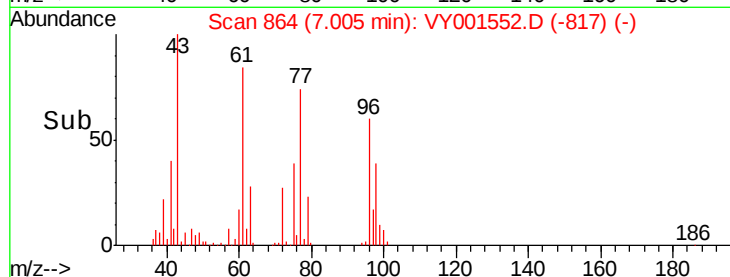
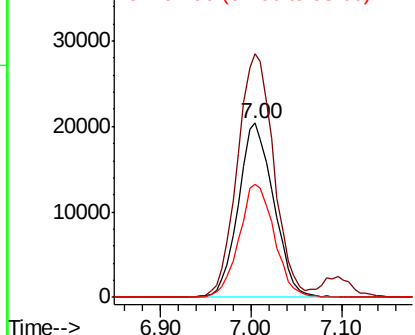
cis-1,2-Dichloroethene
 Concen: 21.714 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	278.8
98	64.4	0.0	128.8



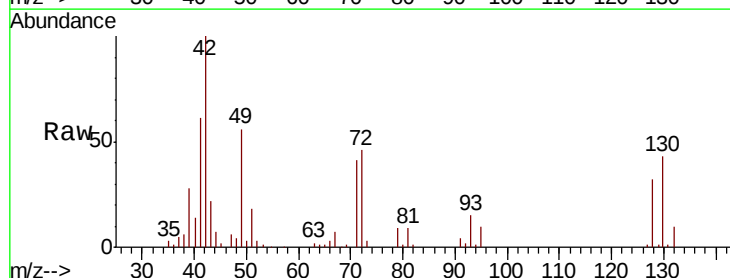
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



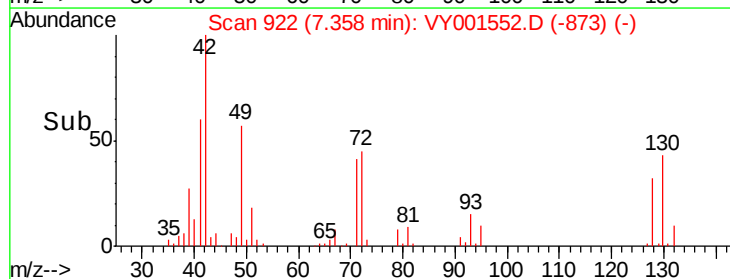
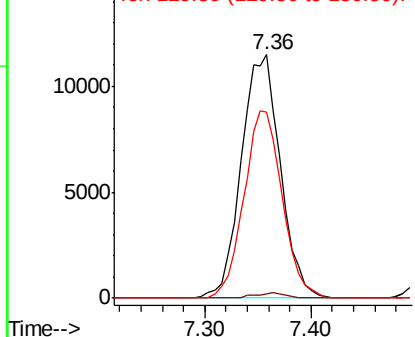
#28

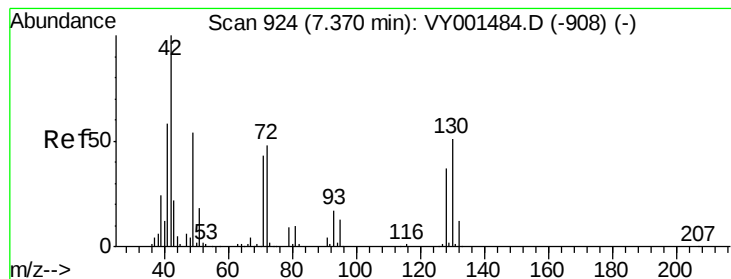
Bromochloromethane
 Concen: 22.792 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.8
130	75.4	65.4	98.2



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





#29

Tetrahydrofuran

Concen: 137.631 ug/l

RT: 7.36 min Scan# 923

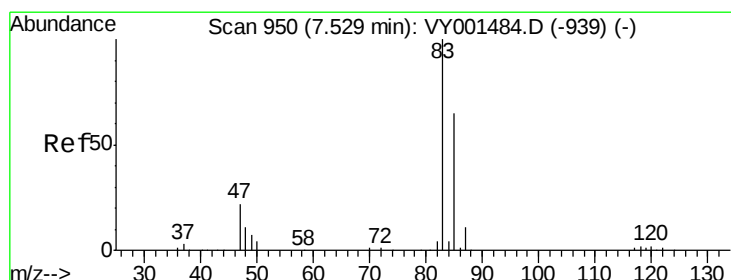
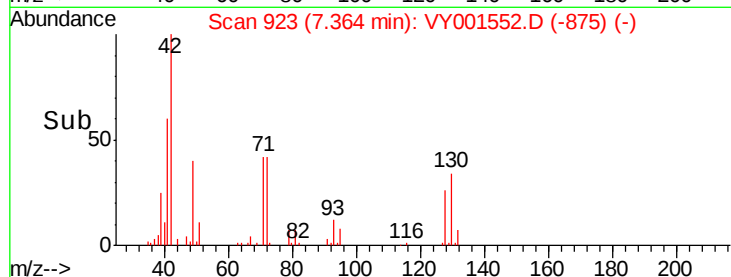
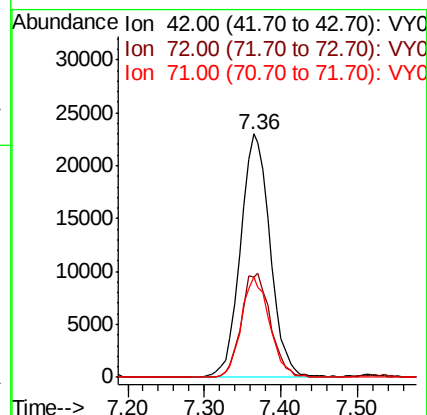
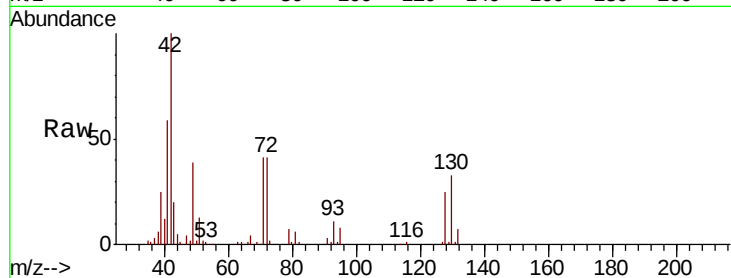
Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	42	Resp:	61836
Ion	Ratio	Lower	Upper
42	100		
72	42.0	37.8	56.6
71	39.0	34.8	52.2



#30

Chloroform

Concen: 21.243 ug/l

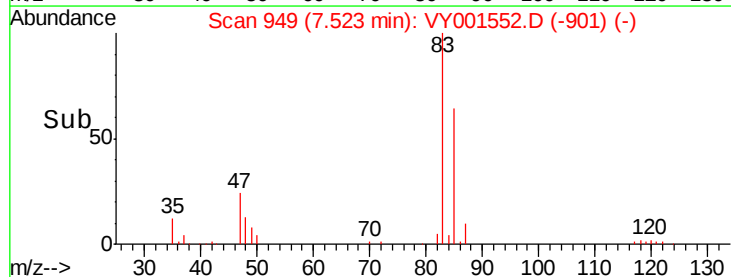
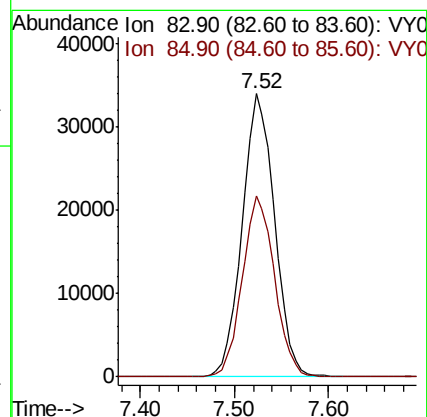
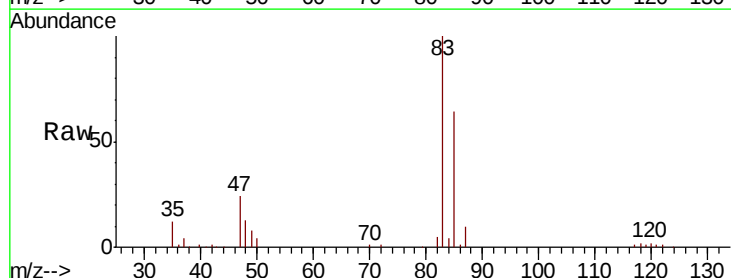
RT: 7.52 min Scan# 949

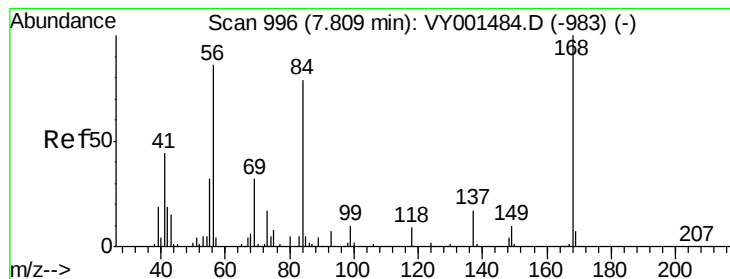
Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Tgt Ion:	83	Resp:	81818
Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.4	78.6





#31

Cyclohexane

Concen: 22.341 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :
MSVOA_Y
ClientSampled :

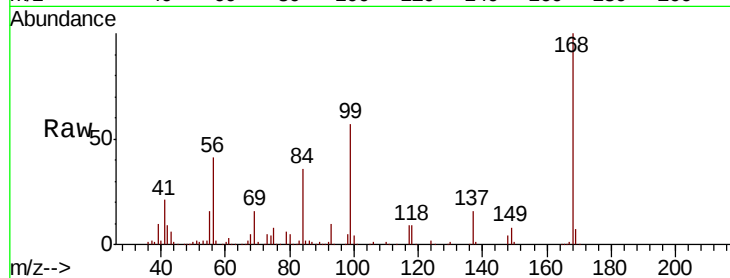
Tot Ion: 56 Resp: 86897

Ion Ratio Lower Upper

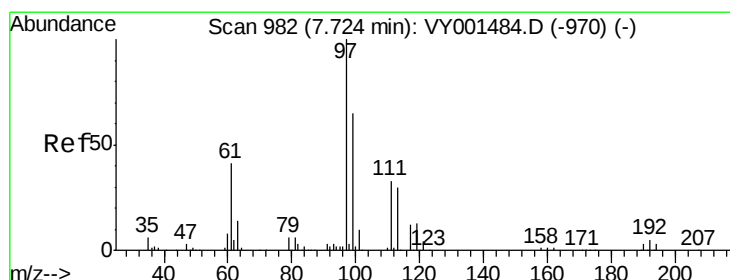
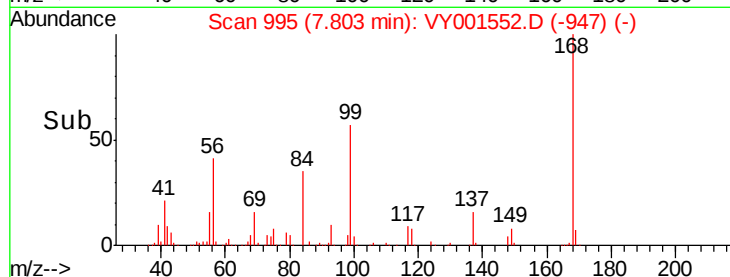
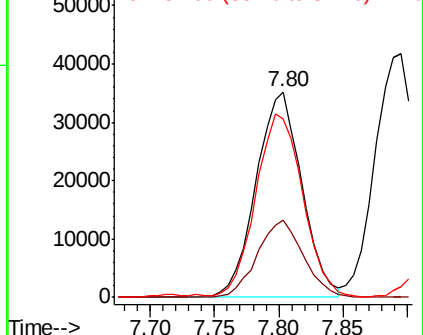
56 100

69 37.8 29.6 44.4

84 85.7 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: 20.594 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

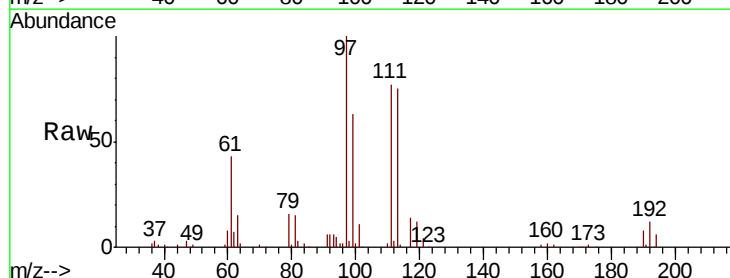
Tgt Ion: 97 Resp: 71914

Ion Ratio Lower Upper

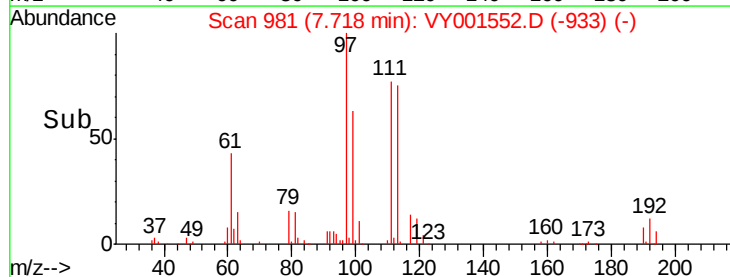
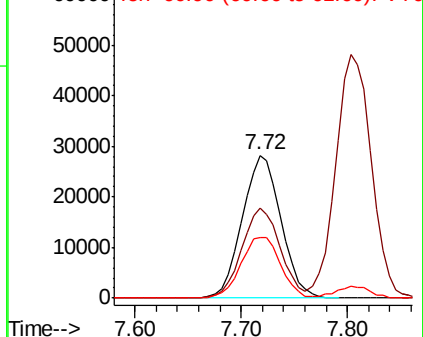
97 100

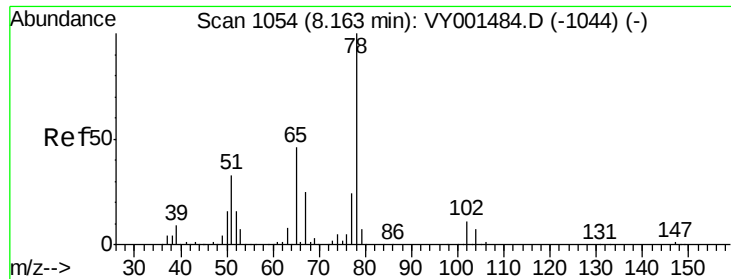
99 63.0 51.8 77.8

61 44.0 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

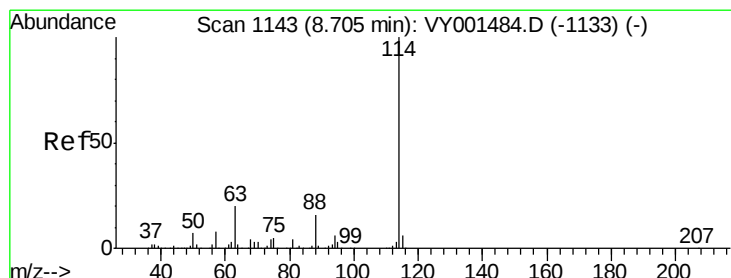
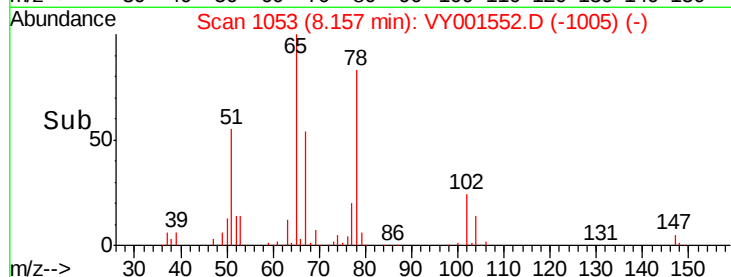
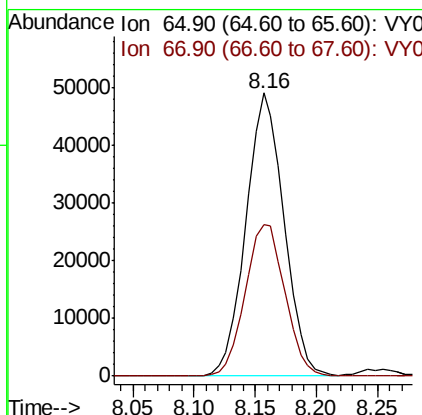
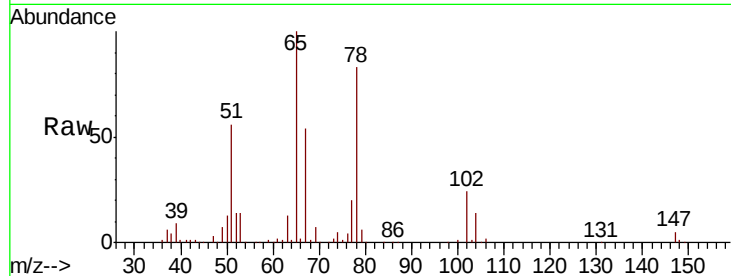




#33
 1,2-Dichloroethane-d4
 Concen: 53.138 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

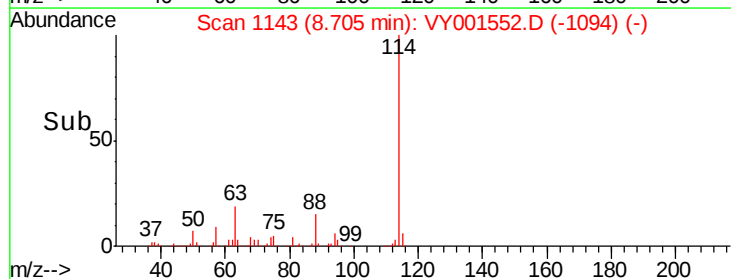
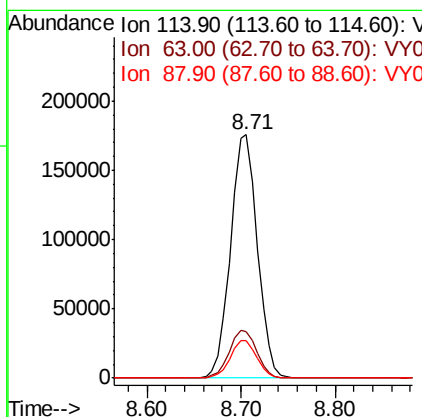
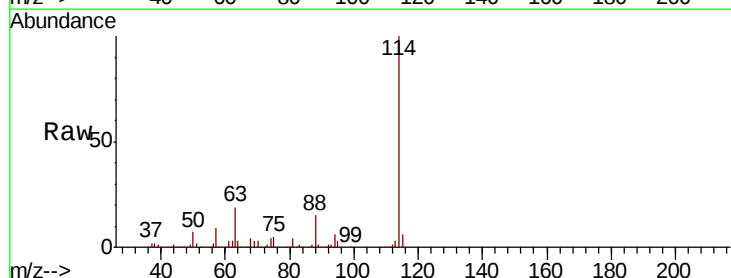
Instrument :
 MSVOA_Y
 ClientSampled :

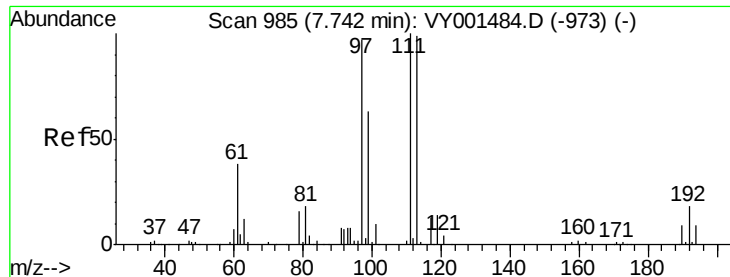
Tot Ion: 65 Resp: 106143
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Tgt Ion: 114 Resp: 347340
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.706 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :

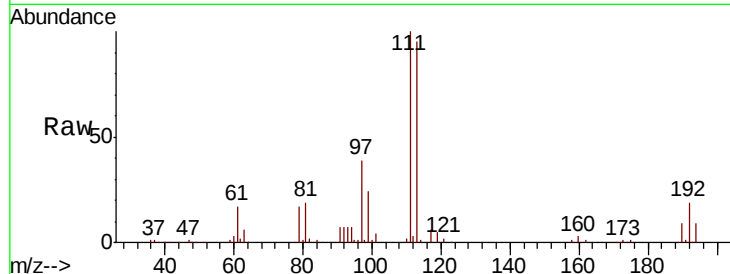
Tot Ion:113 Resp: 97555

Ion Ratio Lower Upper

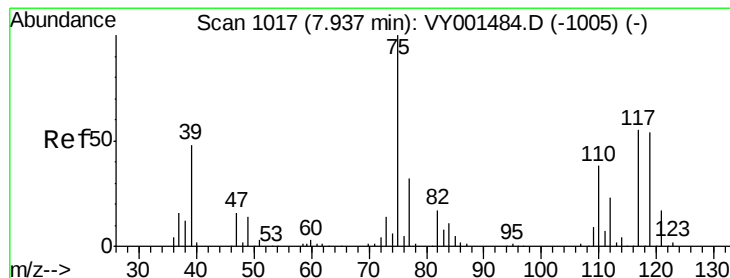
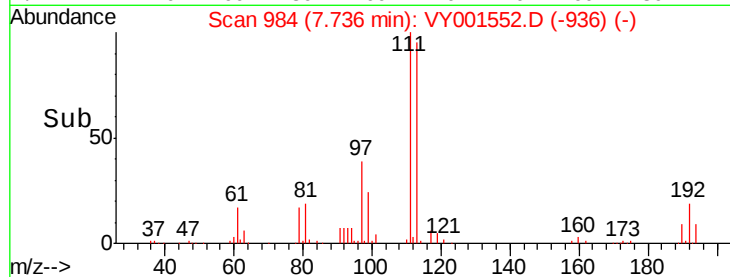
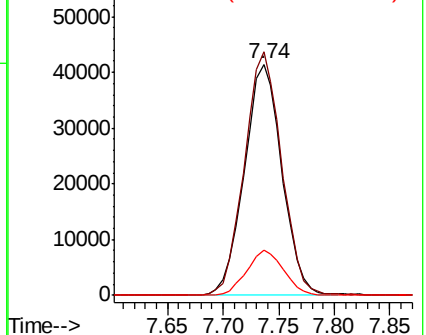
113 100

111 104.2 82.9 124.3

192 19.1 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: 21.444 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

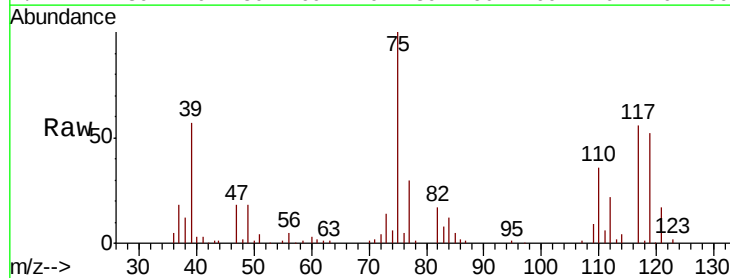
Tgt Ion: 75 Resp: 68137

Ion Ratio Lower Upper

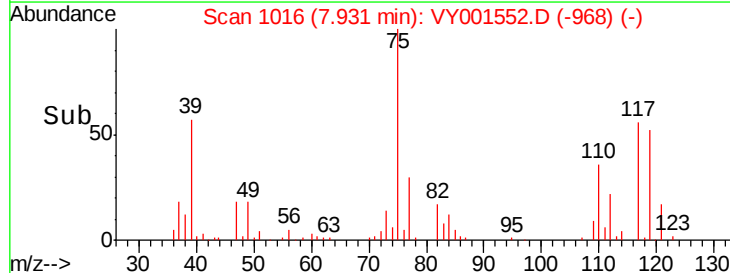
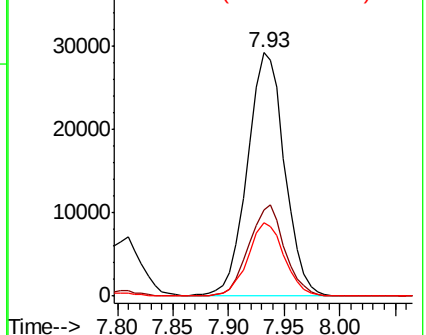
75 100

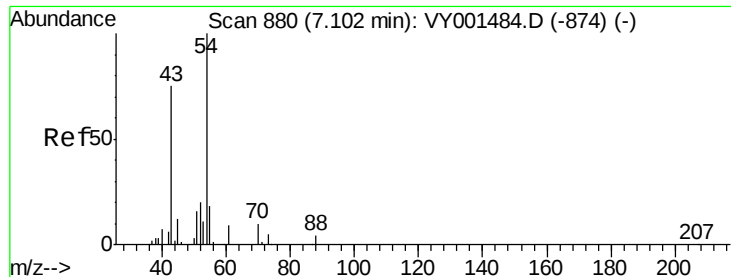
110 36.0 18.2 54.6

77 29.8 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

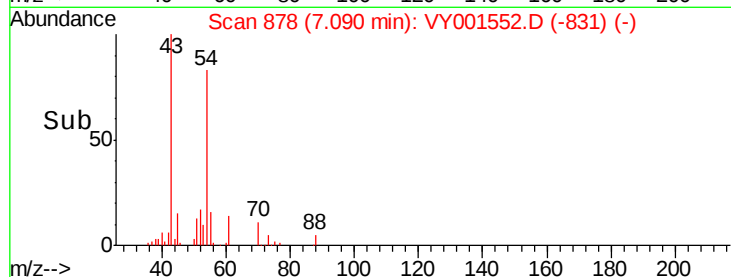
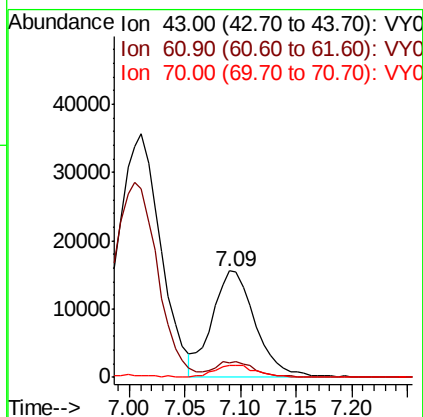
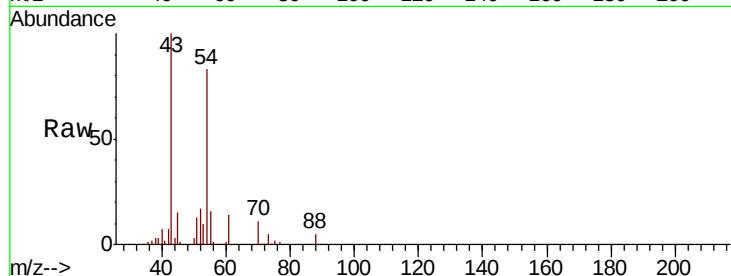




#37
Ethyl Acetate
Concen: 27.030 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

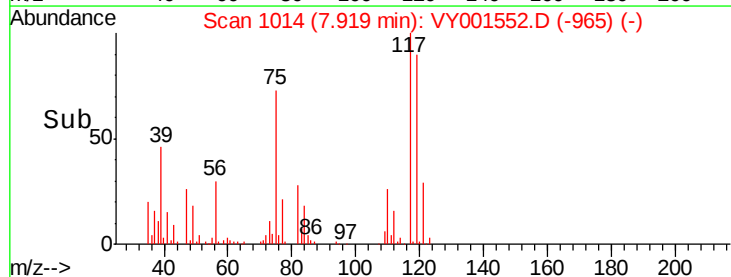
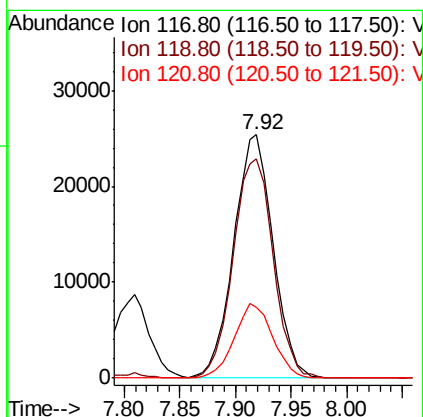
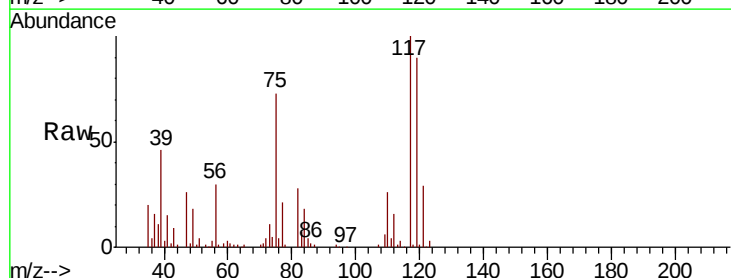
Instrument :
MSVOA_Y
ClientSampleId :

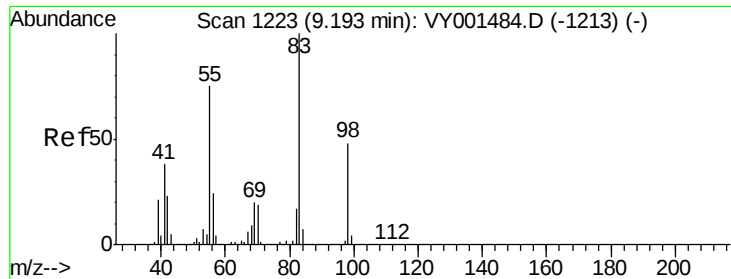
Tot Ion: 43 Resp: 41578
Ion Ratio Lower Upper
43 100
61 13.8 12.0 18.0
70 11.1 10.2 15.4



#38
Carbon Tetrachloride
Concen: 20.223 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion: 117 Resp: 62171
Ion Ratio Lower Upper
117 100
119 89.8 76.4 114.6
121 29.2 24.2 36.4

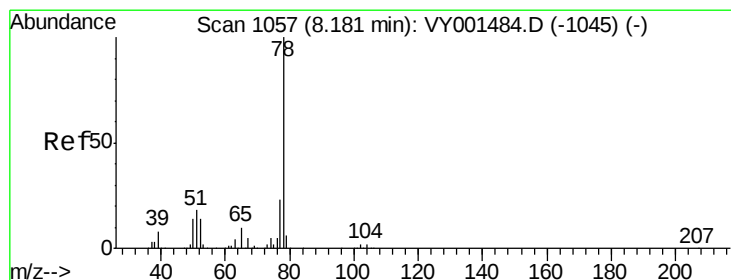
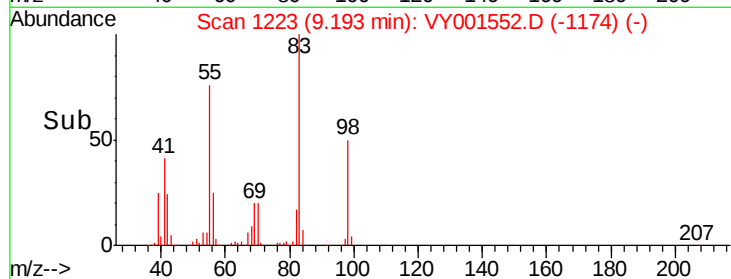
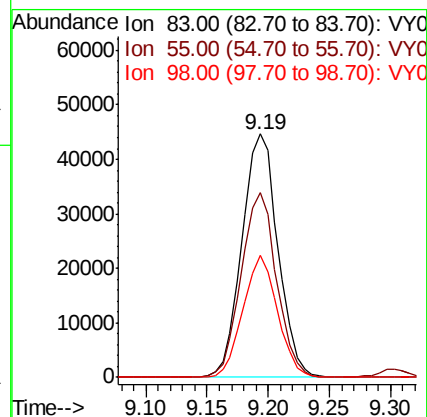
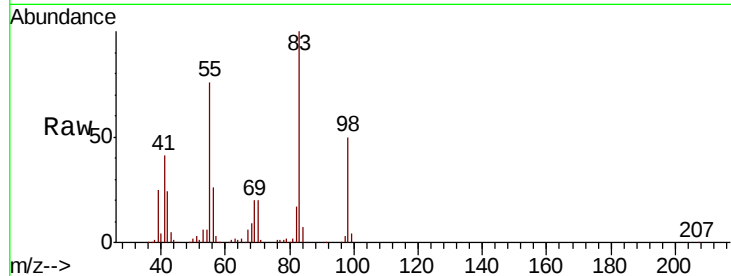




#39
Methvlcvclohexane
Concen: 21.796 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

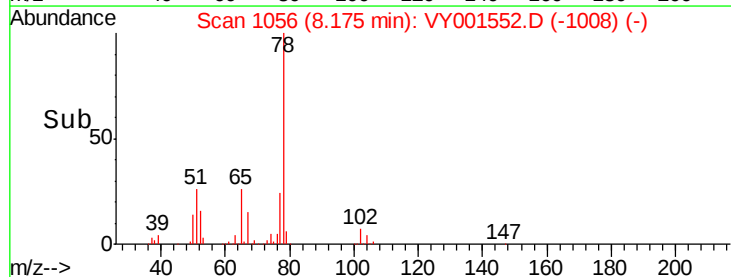
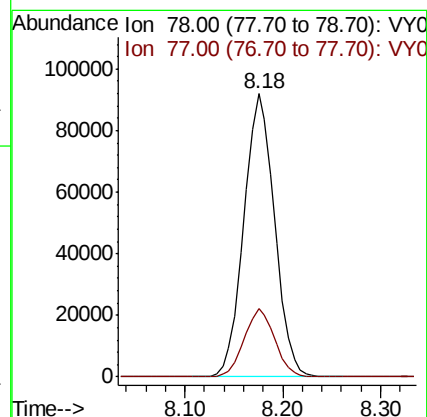
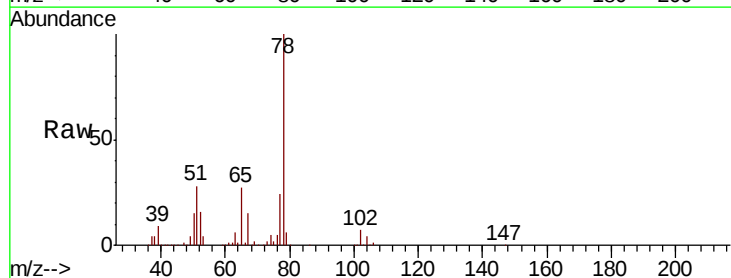
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 91192
Ion Ratio Lower Upper
83 100
55 75.8 59.8 89.6
98 50.0 38.6 57.8



#40
Benzene
Concen: 22.132 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion: 78 Resp: 200590
Ion Ratio Lower Upper
78 100
77 24.0 18.5 27.7

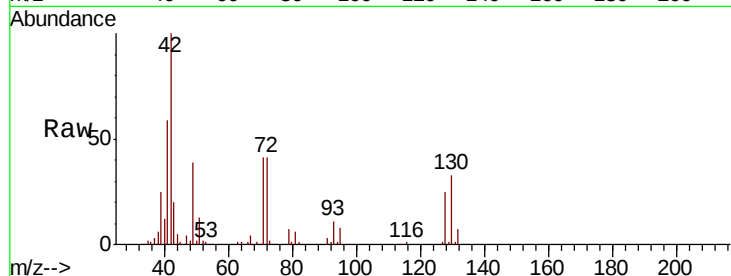




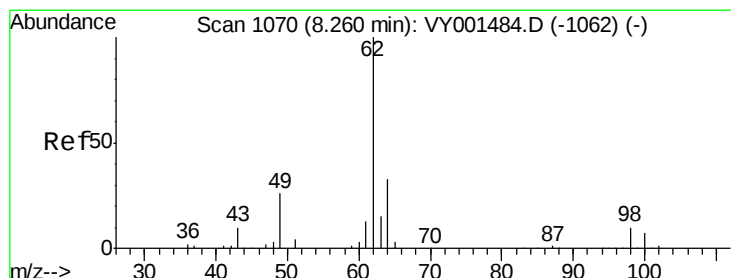
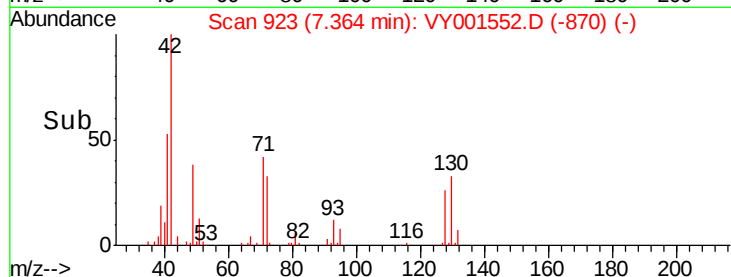
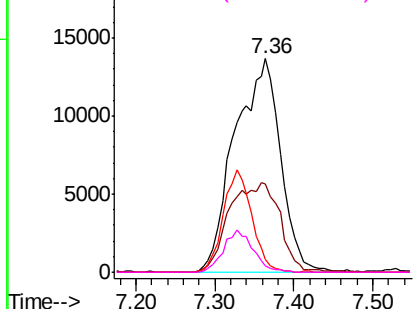
#41
Methacrylonitrile
Concen: 77.218 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 55050
Ion Ratio Lower Upper
41 100
39 46.5 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

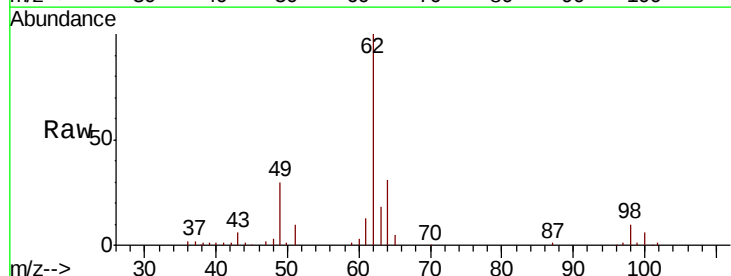


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

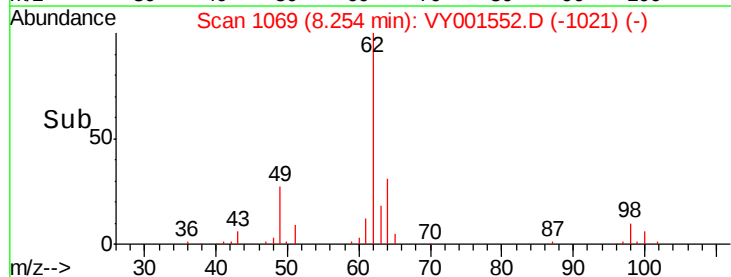
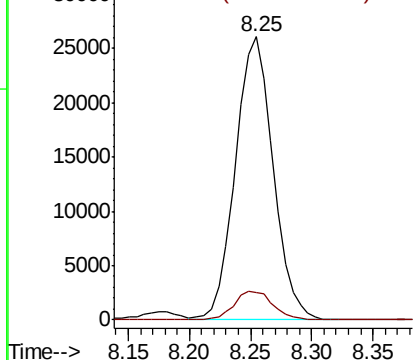


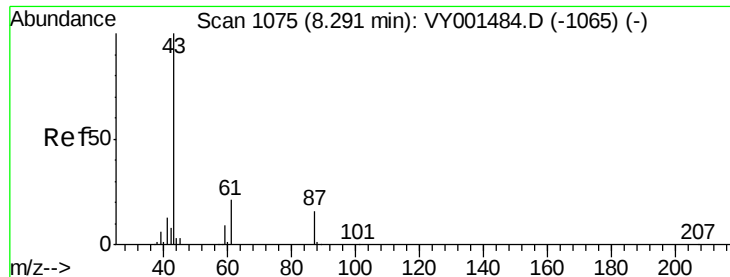
#42
1,2-Dichloroethane
Concen: 22.153 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion: 62 Resp: 55936
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: 25.989 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

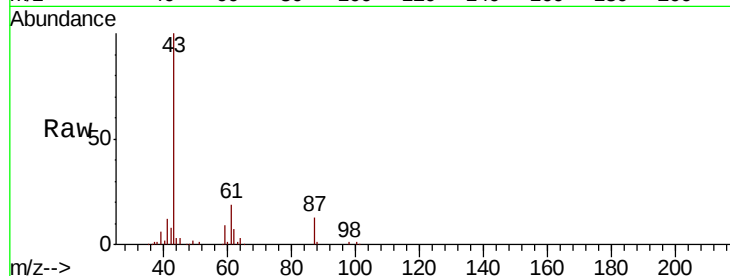
Tot Ion: 43 Resp: 79151

Ion Ratio Lower Upper

43 100

61 28.2 25.1 37.7

87 13.6 12.6 19.0

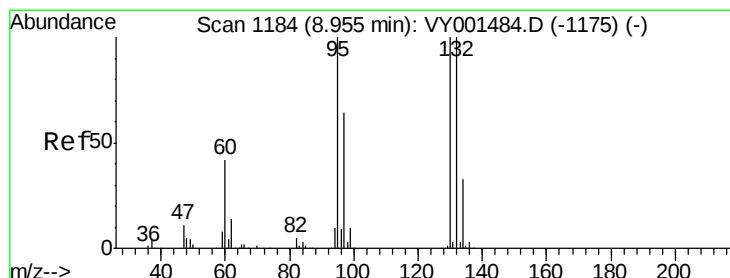
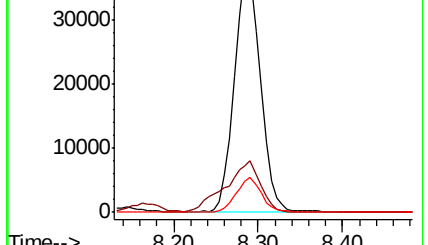
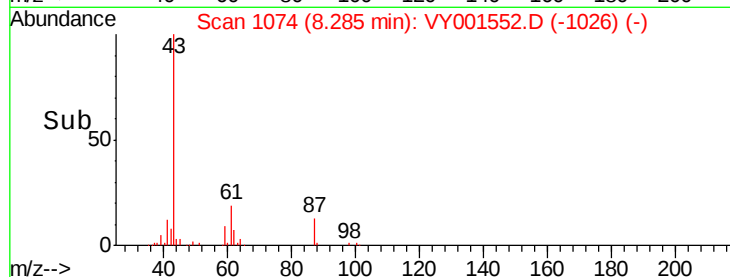


Abundance Ion 43.00 (42.70 to 43.70): VY001552.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY001552.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY001552.D (-1065) (-)

8.28



#44

Trichloroethene

Concen: 21.247 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY001552.D

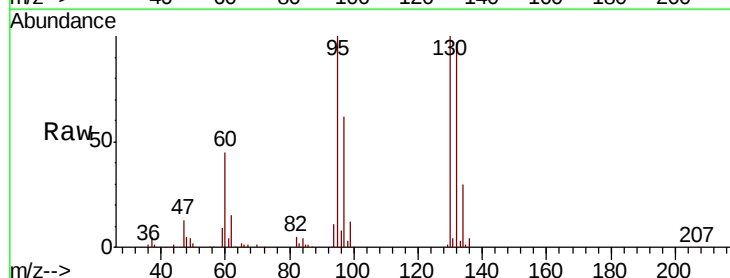
Acq: 07 Feb 2020 14:32

Tgt Ion:130 Resp: 51906

Ion Ratio Lower Upper

130 100

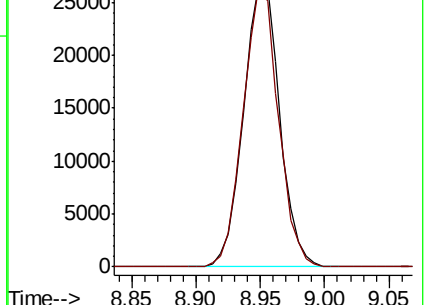
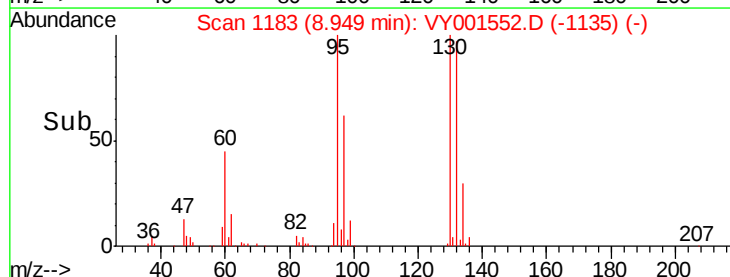
95 99.6 0.0 199.2

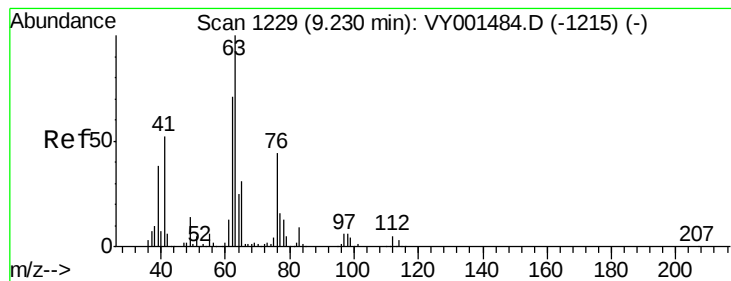


Abundance Ion 129.80 (129.50 to 130.50): VY001552.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY001552.D (-1135) (-)

8.95





#45

1,2-Dichloropropane

Concen: 23.180 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

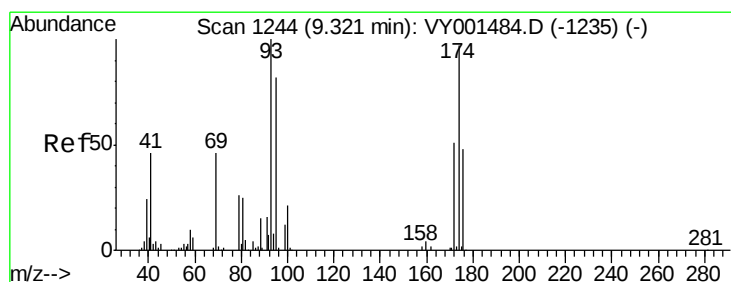
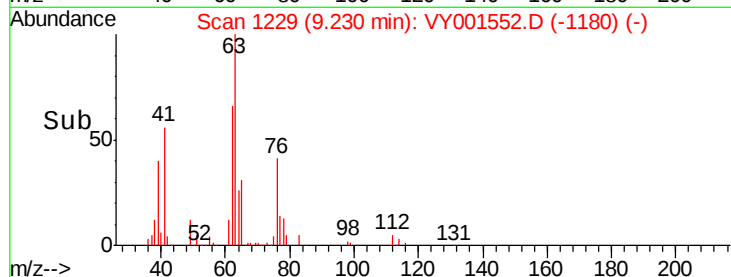
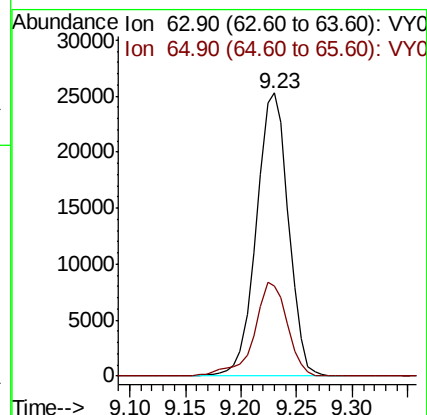
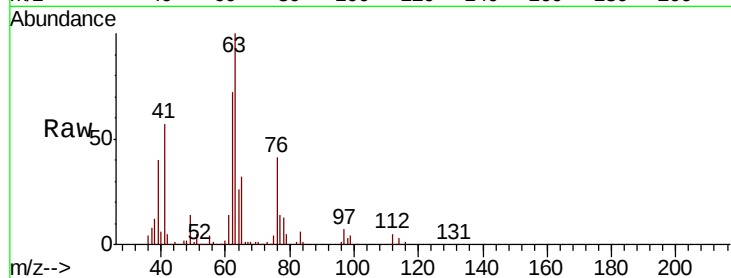
ClientSampled :

Tot Ion: 63 Resp: 50730

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 21.820 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

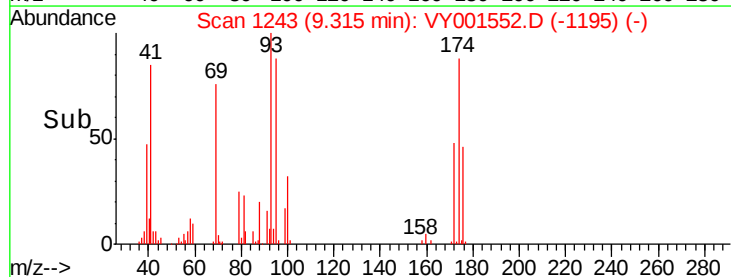
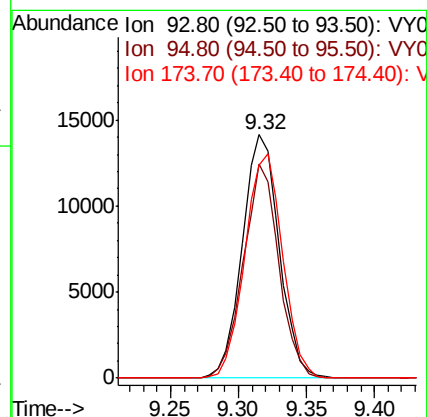
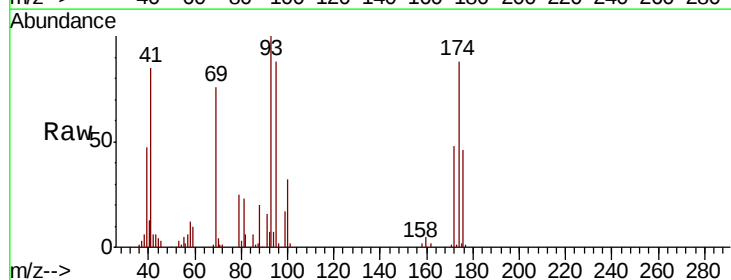
Tgt Ion: 93 Resp: 26815

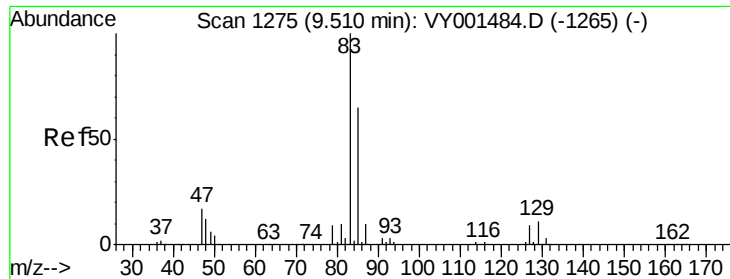
Ion Ratio Lower Upper

93 100

95 84.6 66.6 99.8

174 94.5 75.4 113.2





#47

Bromodichloromethane

Concen: 21.218 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

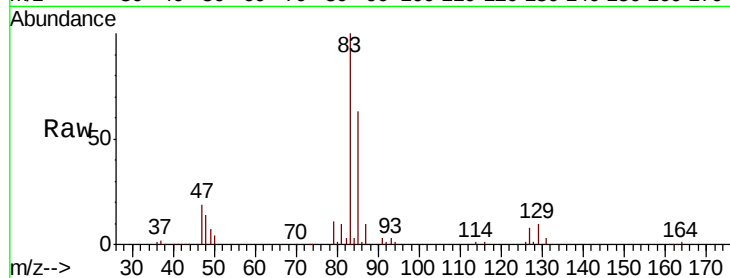
Tot Ion: 83 Resp: 63534

Ion Ratio Lower Upper

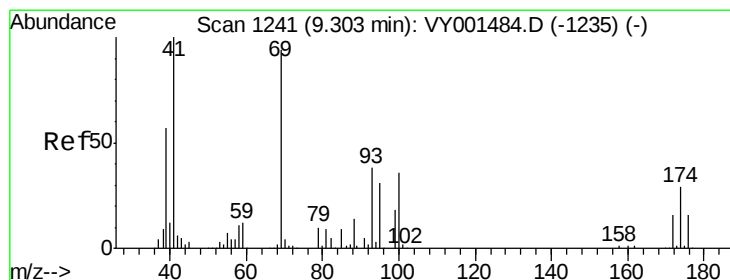
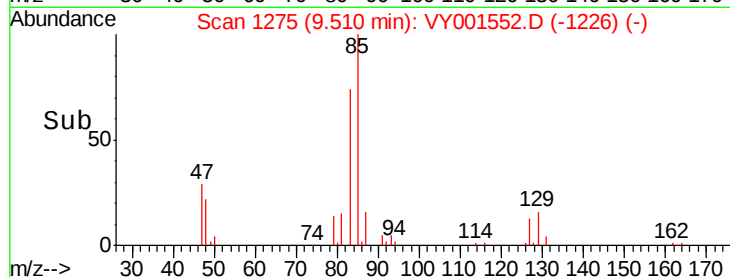
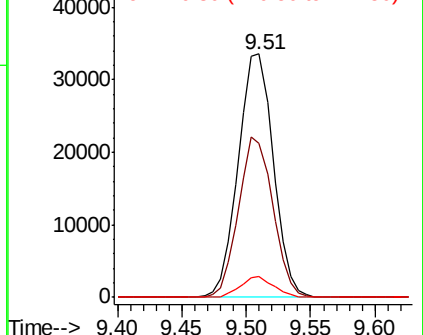
83 100

85 63.2 51.9 77.9

127 8.5 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: 25.698 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

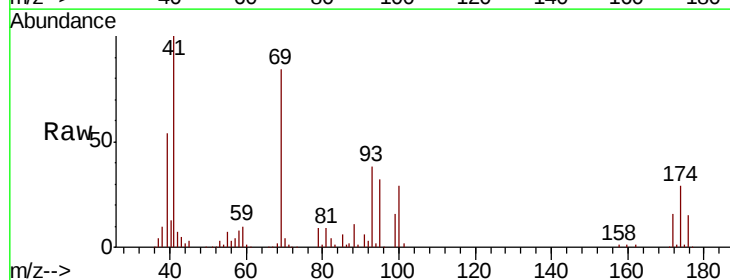
Tgt Ion: 41 Resp: 35522

Ion Ratio Lower Upper

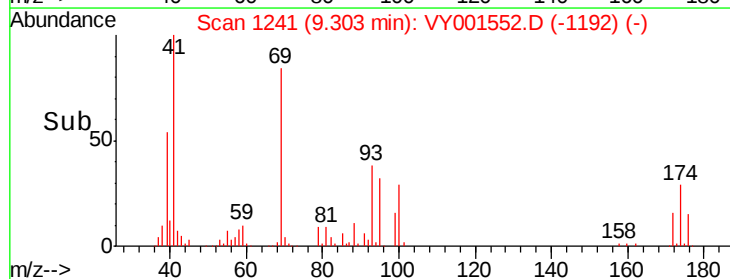
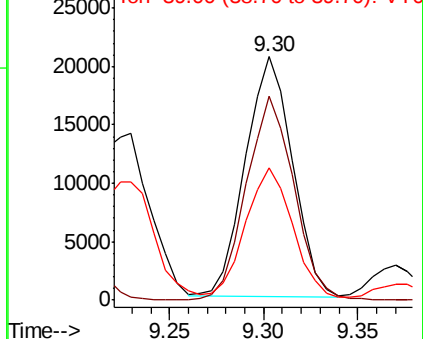
41 100

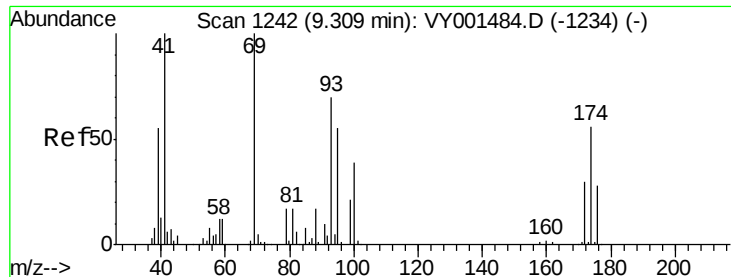
69 86.2 76.6 114.8

39 53.5 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

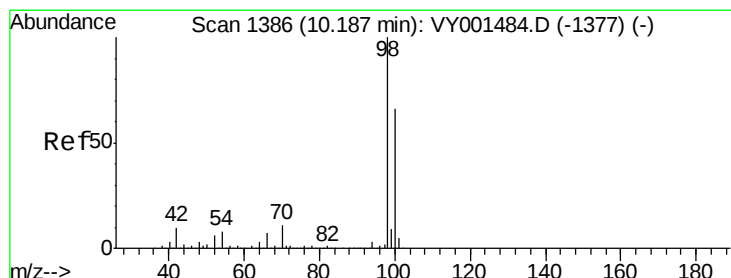
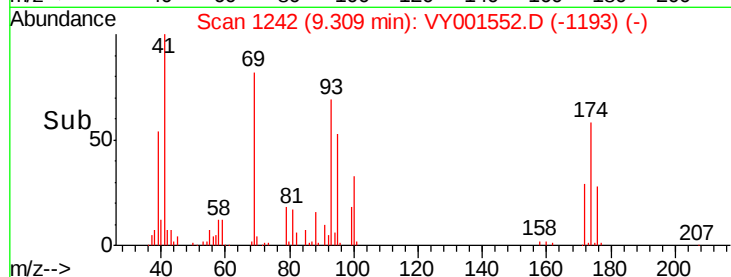
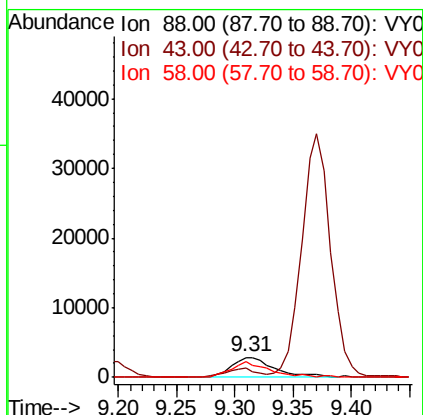
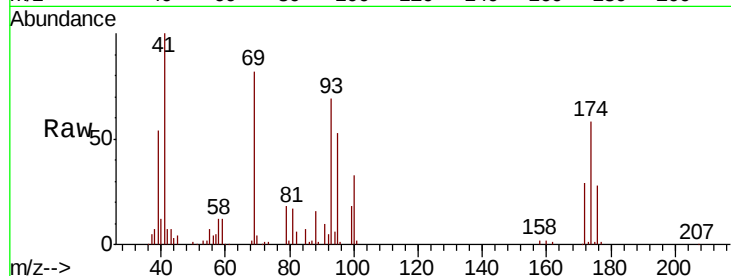




#49
1,4-Dioxane
Concen: 460.632 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

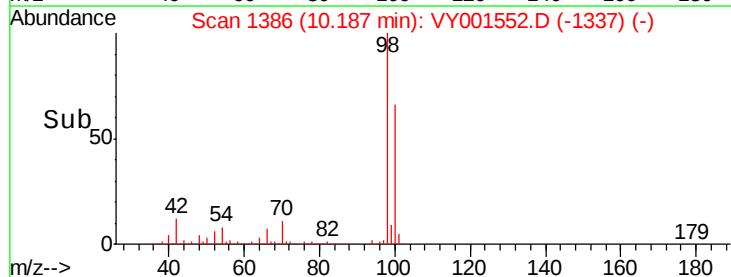
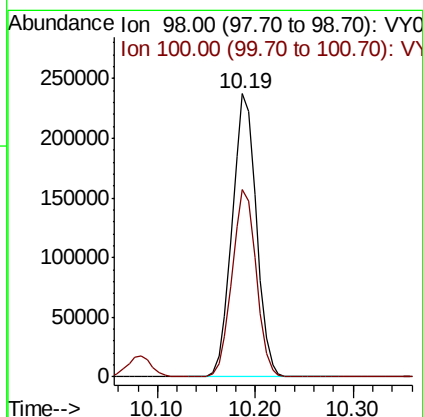
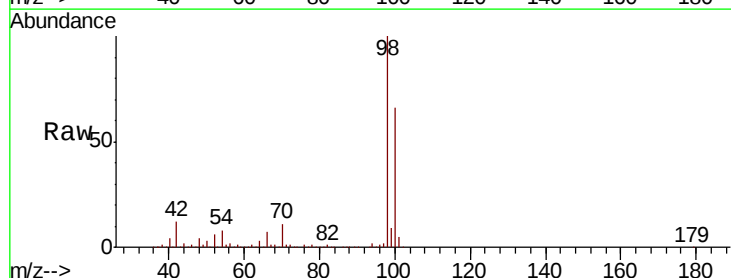
Instrument :
MSVOA_Y
ClientSampled :

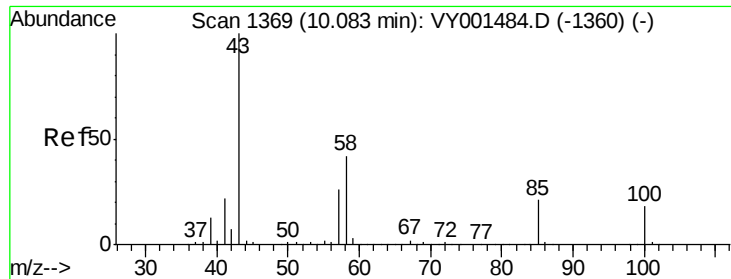
Tot Ion: 88 Resp: 7476
Ion Ratio Lower Upper
88 100
43 31.1 24.8 37.2
58 68.4 59.3 88.9



#50
Toluene-d8
Concen: 53.644 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion: 98 Resp: 406513
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 135.941 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

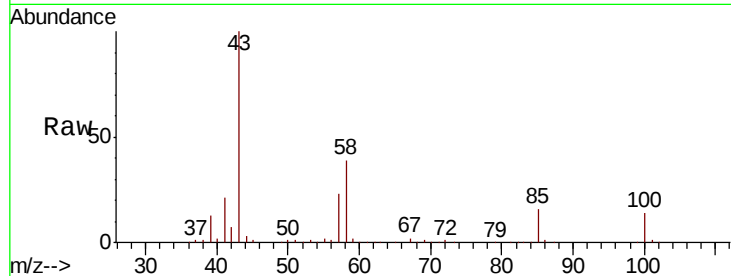
ClientSampled :

Tot Ion: 43 Resp: 203893

Ion Ratio Lower Upper

43 100

58 39.3 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-1360) (-)

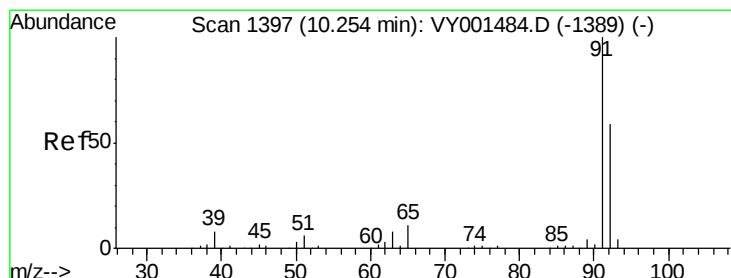
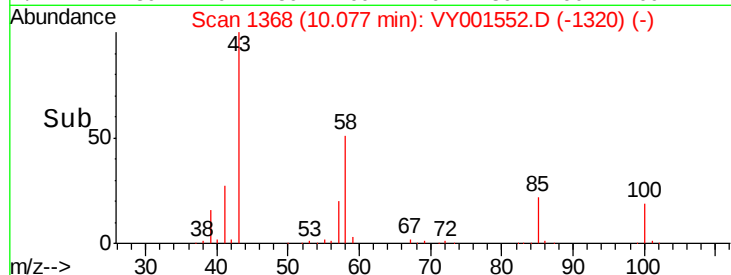
10.08

100000

50000

0

Time-->



#52

Toluene

Concen: 22.244 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001552.D

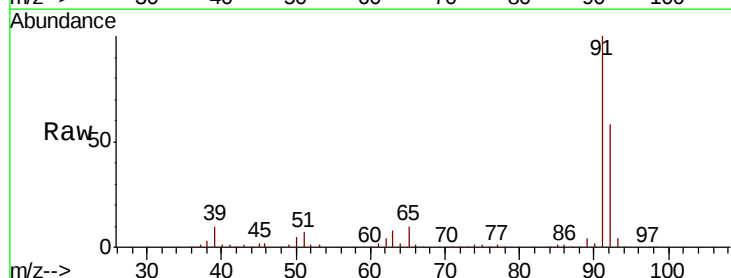
Acq: 07 Feb 2020 14:32

Tgt Ion: 92 Resp: 127917

Ion Ratio Lower Upper

92 100

91 169.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001484.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY001484.D (-1389) (-)

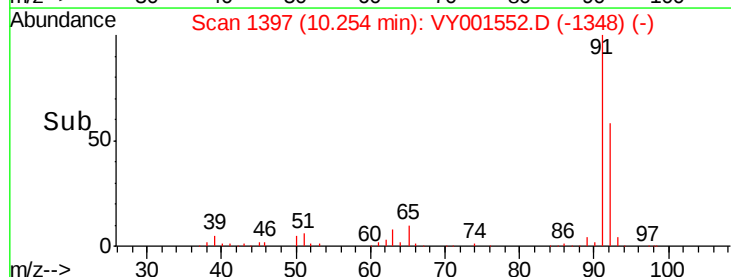
150000

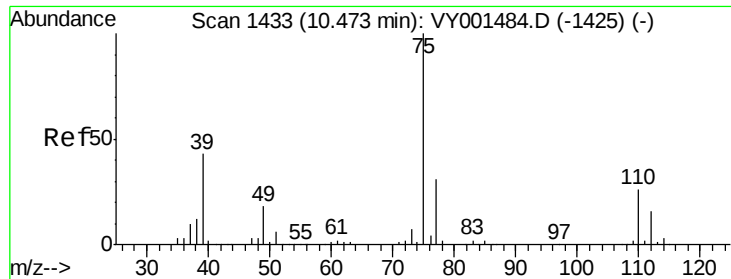
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.337 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

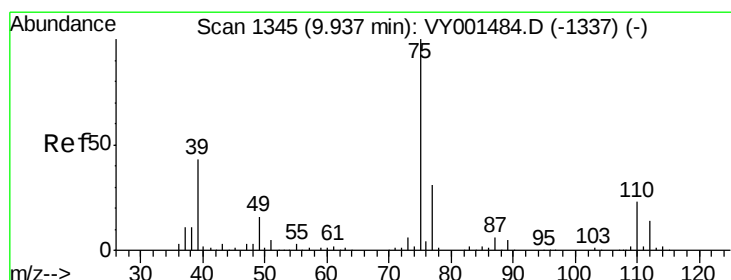
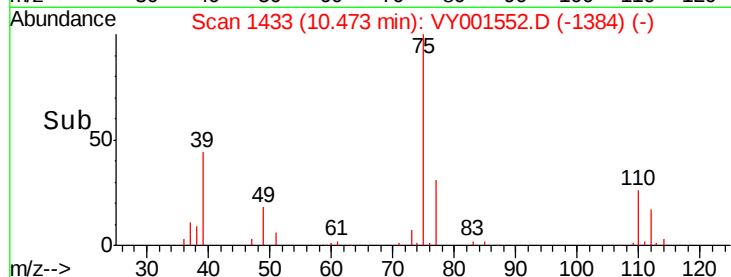
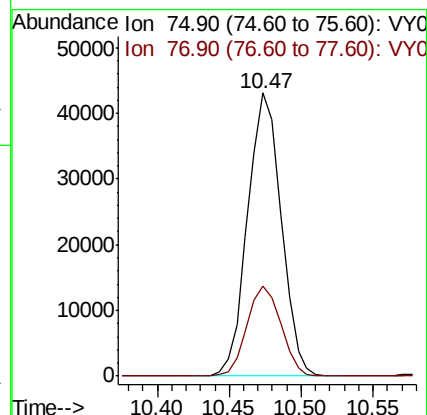
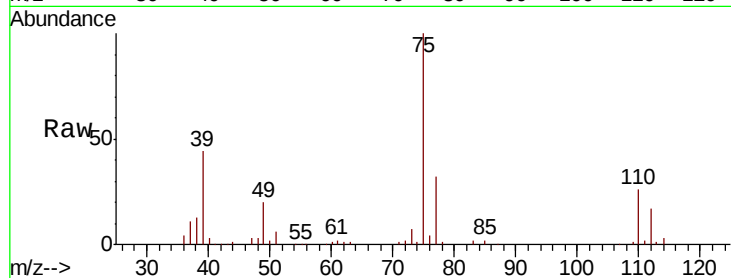
ClientSampleId :

Tot Ion: 75 Resp: 69589

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 21.594 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

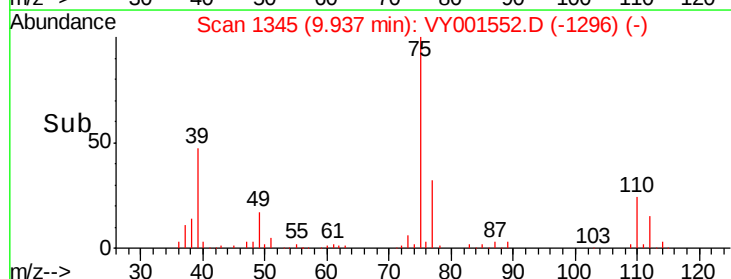
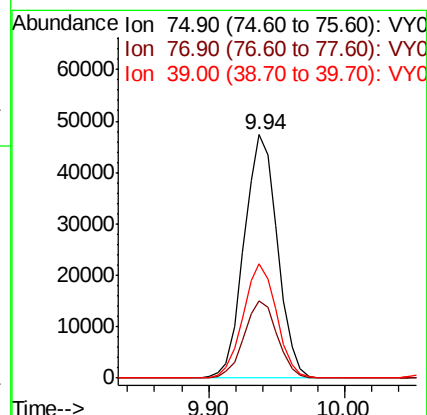
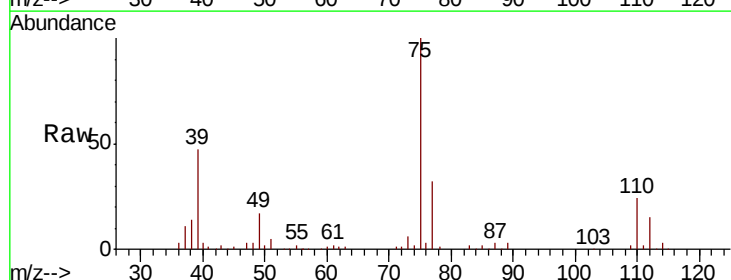
Tgt Ion: 75 Resp: 80854

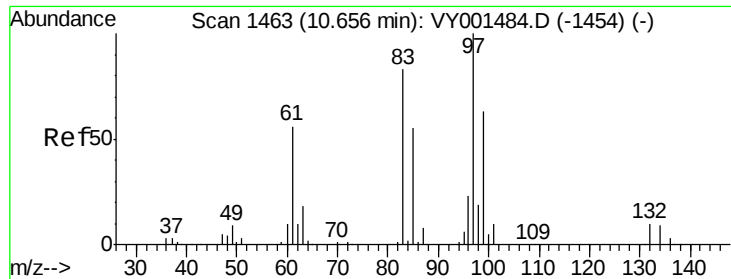
Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

39 46.8 34.0 51.0

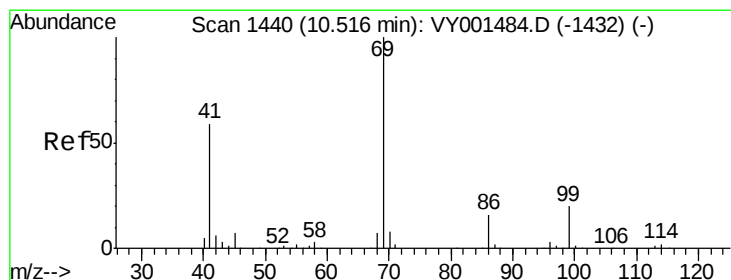
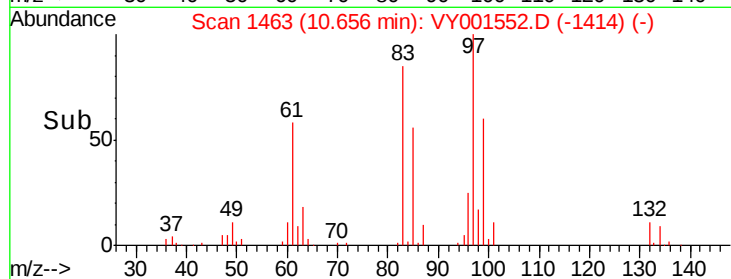
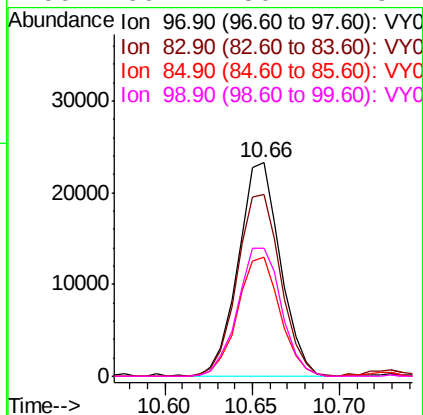
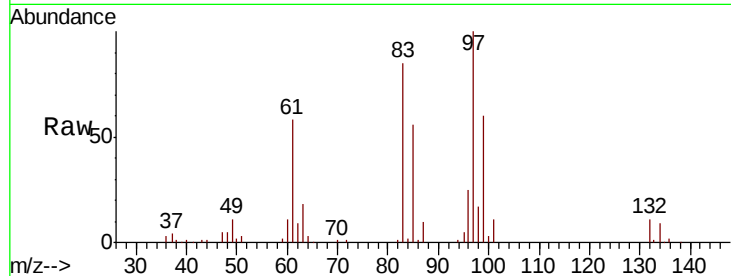




#55
 1,1,2-Trichloroethane
 Concen: 22.100 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

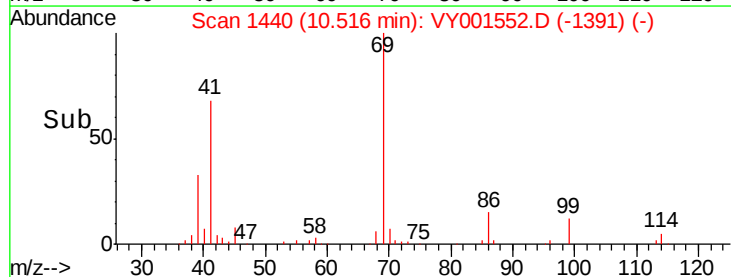
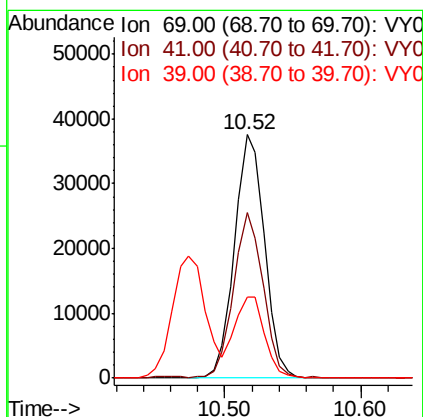
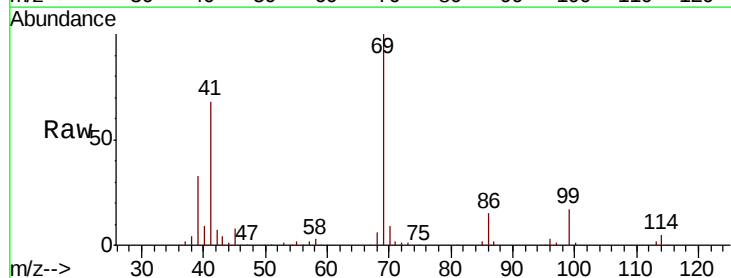
Instrument :
 MSVOA_Y
 ClientSampleId :

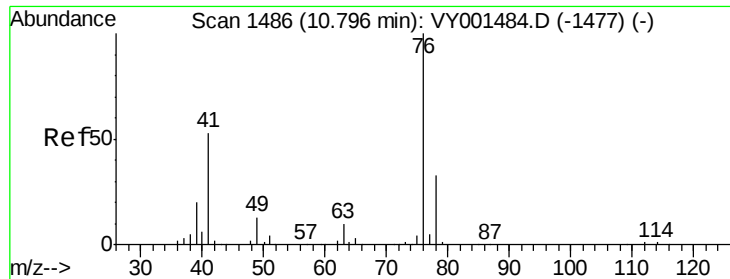
Tot Ion:	97	Resp:	38966
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.2	99.2
85	55.8	43.8	65.6
99	60.2	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 23.035 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Tgt Ion:	69	Resp:	57769
Ion	Ratio	Lower	Upper
69	100		
41	66.3	47.8	71.8
39	33.7	24.4	36.6

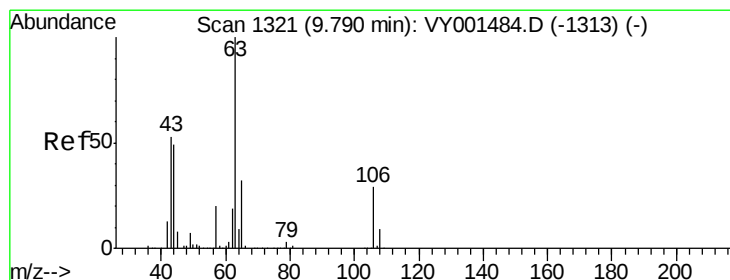
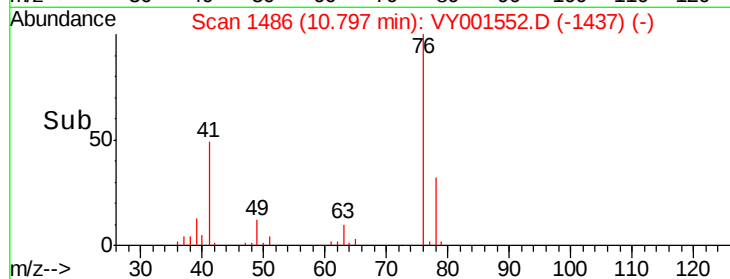
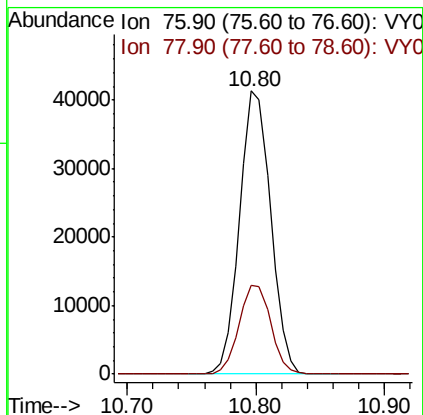
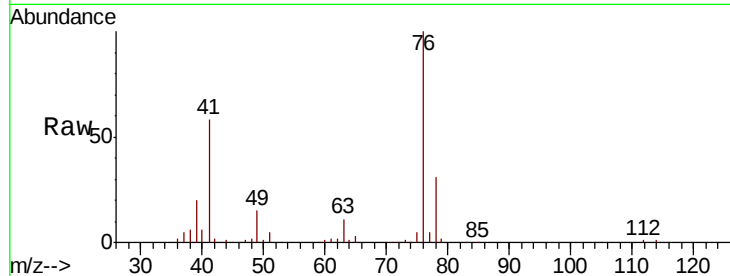




#57
 1,3-Dichloropropane
 Concen: 22.246 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

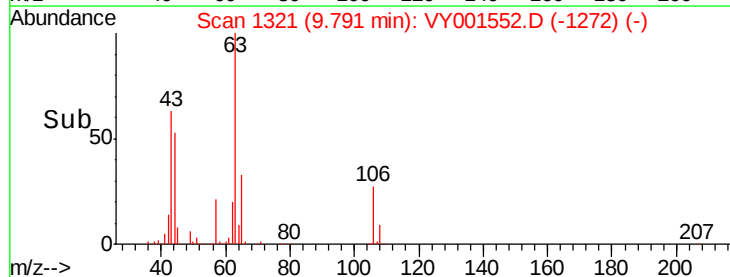
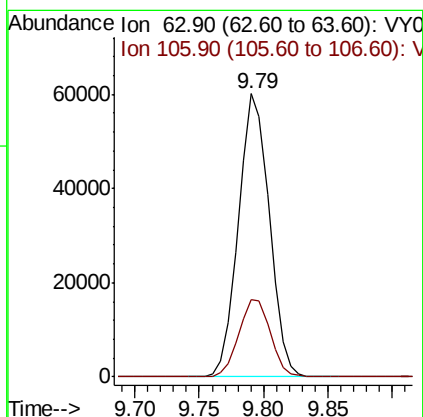
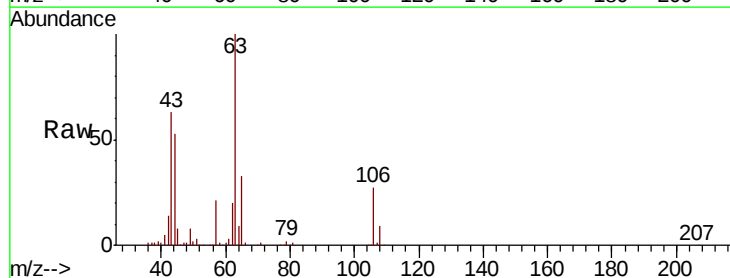
Instrument :
 MSVOA_Y
 ClientSampleId :

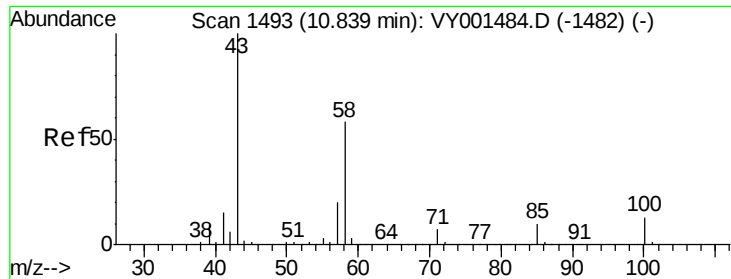
Tot Ion: 76 Resp: 69145
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.328 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Tgt Ion: 63 Resp: 99941
 Ion Ratio Lower Upper
 63 100
 106 27.9 24.0 36.0

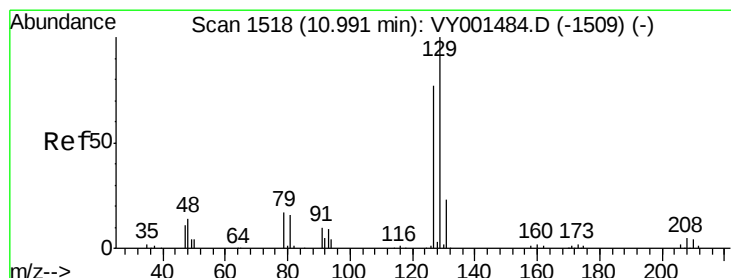
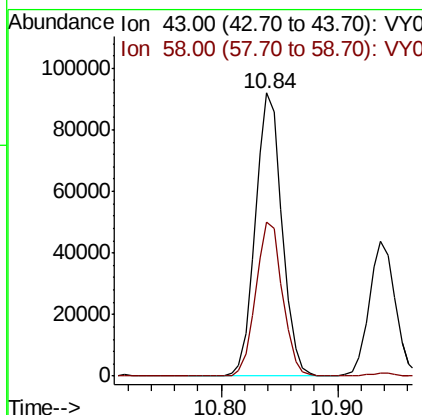
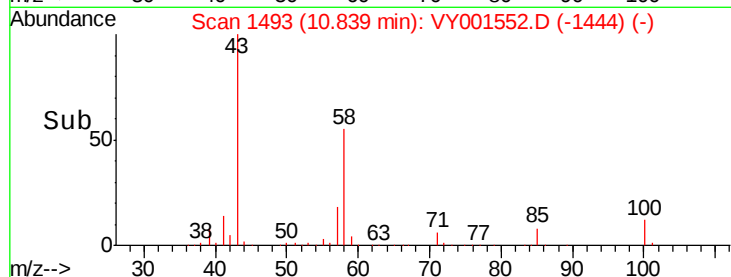
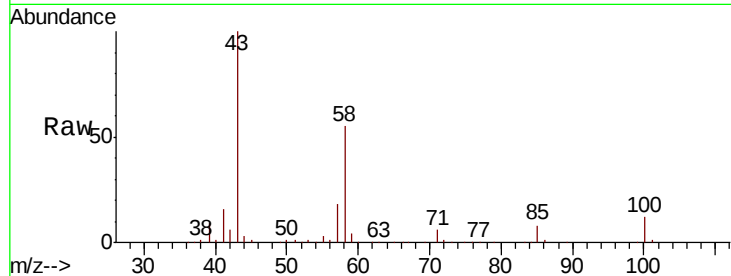




#59
2-Hexanone
Concen: 133.996 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

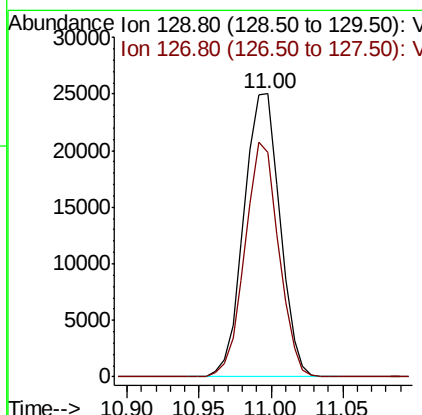
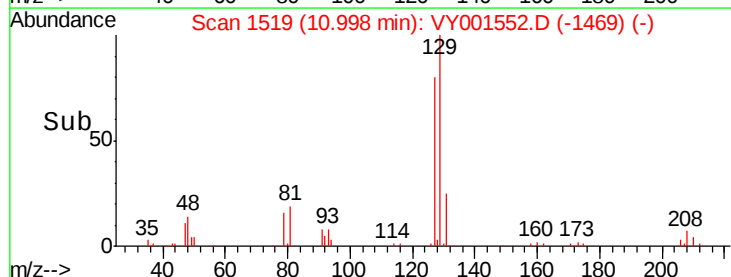
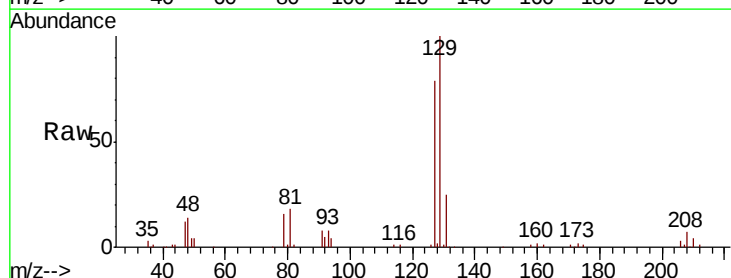
Instrument :
MSVOA_Y
ClientSampleId :

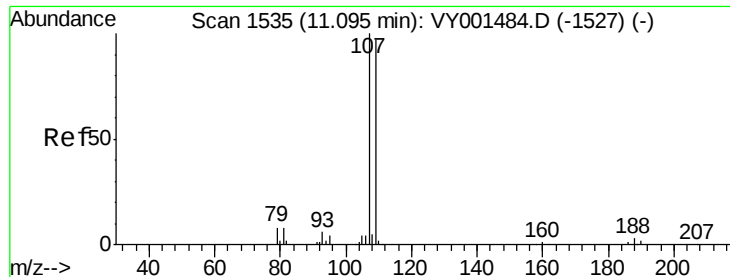
Tot Ion: 43 Resp: 146127
Ion Ratio Lower Upper
43 100
58 54.6 29.0 87.0



#60
Dibromochloromethane
Concen: 20.870 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion:129 Resp: 43376
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6

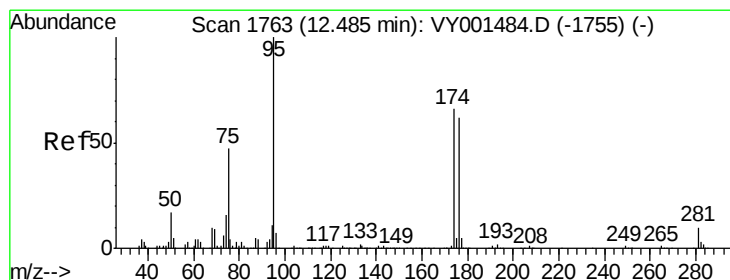
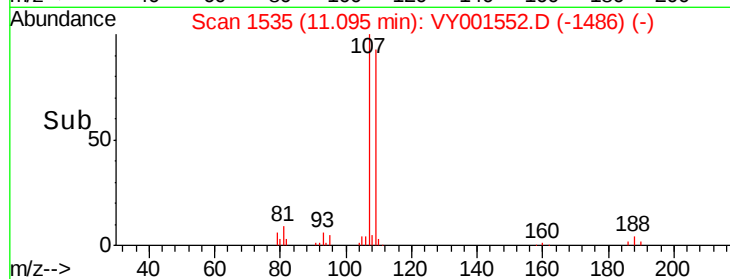
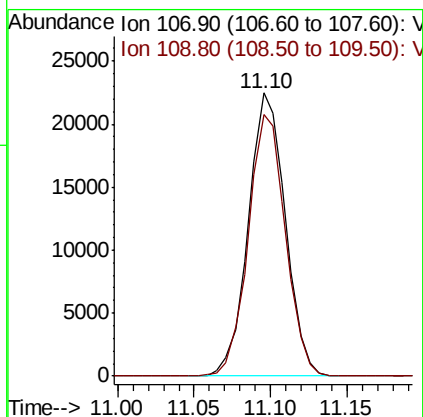
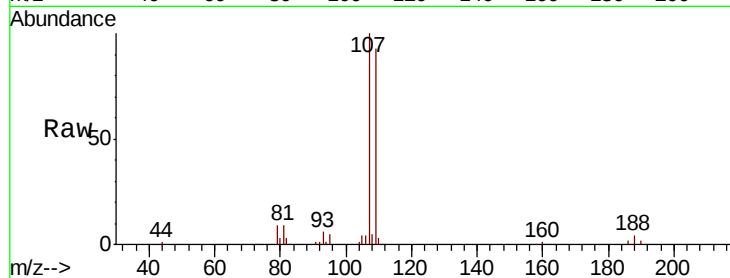




#61
 1,2-Dibromoethane
 Concen: 21.780 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

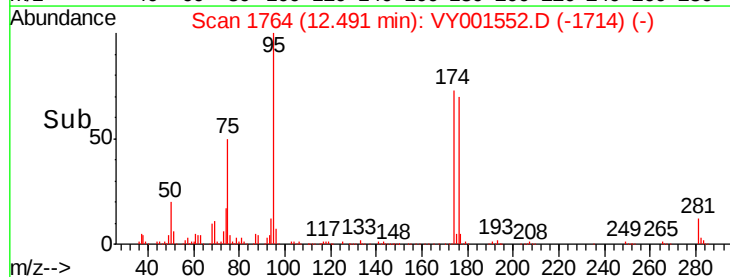
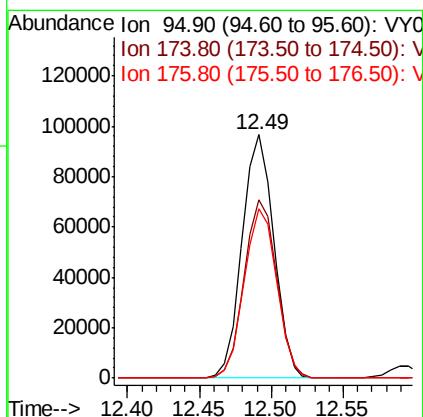
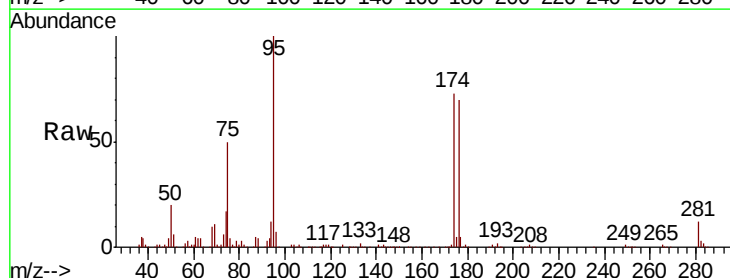
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 37824
 Ion Ratio Lower Upper
 107 100
 109 92.7 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 49.516 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Tgt Ion: 95 Resp: 147821
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 141.4
 176 71.2 0.0 135.4

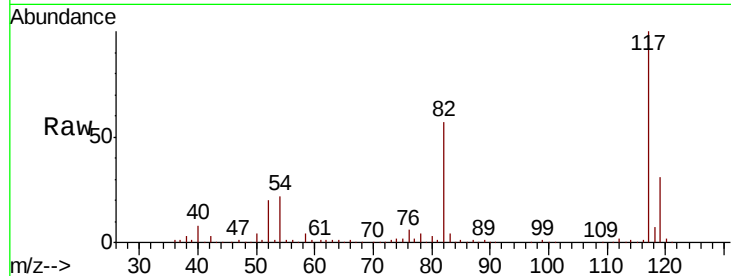




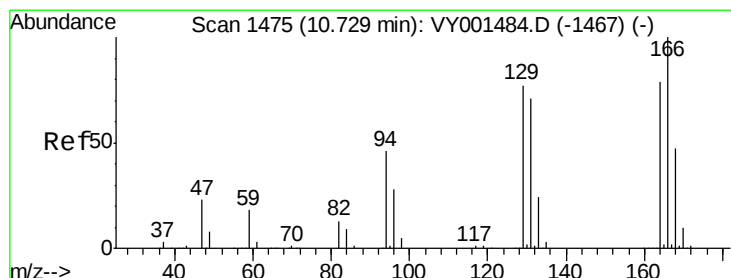
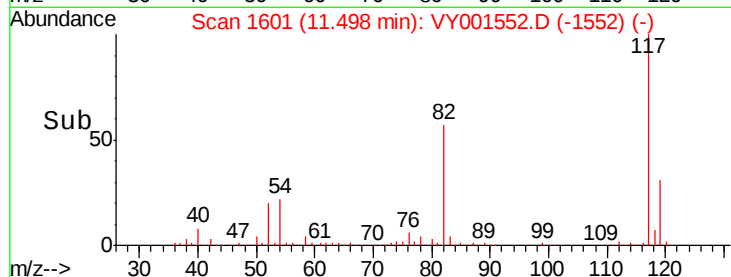
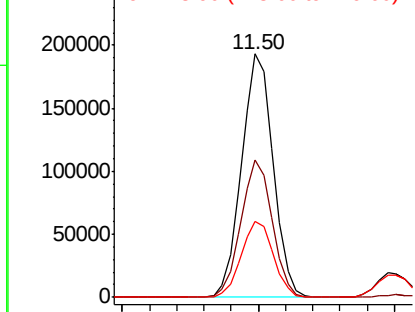
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 312816
Ion Ratio Lower Upper
117 100
82 56.5 46.1 69.1
119 31.2 26.1 39.1

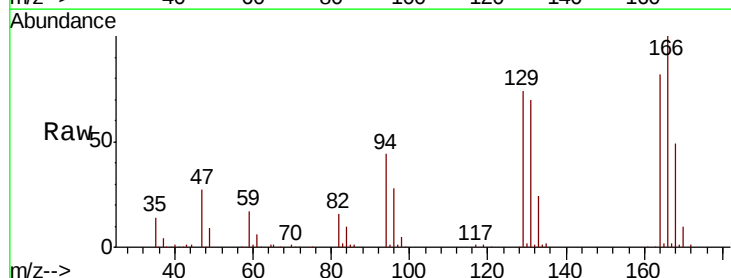


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

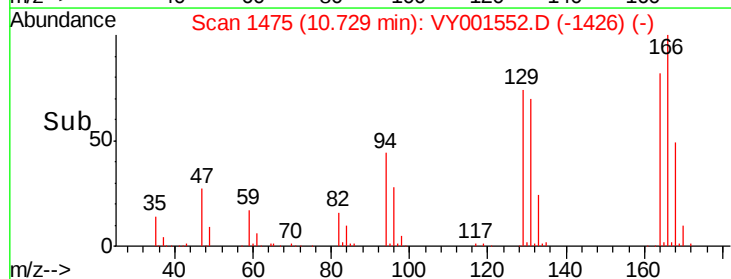
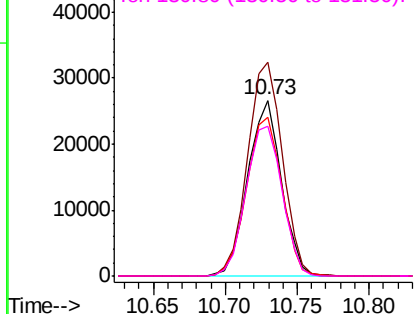


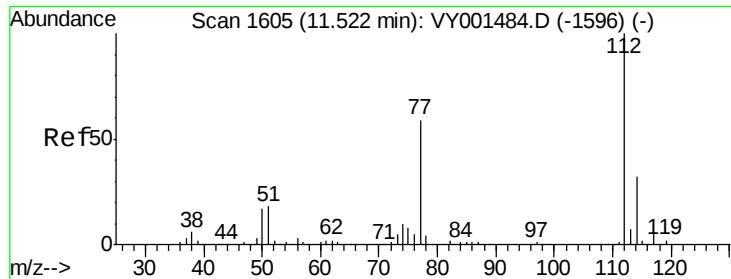
#64
Tetrachloroethene
Concen: 20.871 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion:164 Resp: 42816
Ion Ratio Lower Upper
164 100
166 121.7 100.8 151.2
129 90.2 77.8 116.6
131 85.2 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

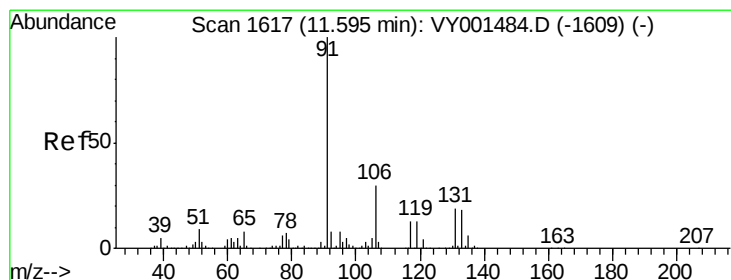
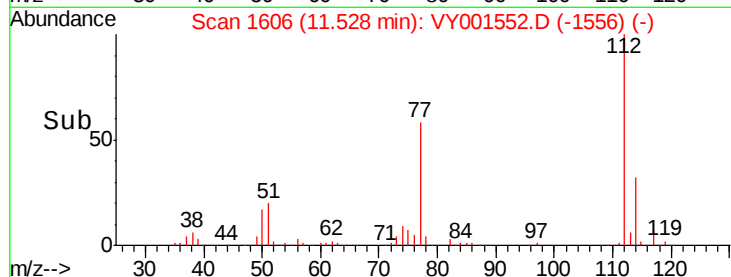
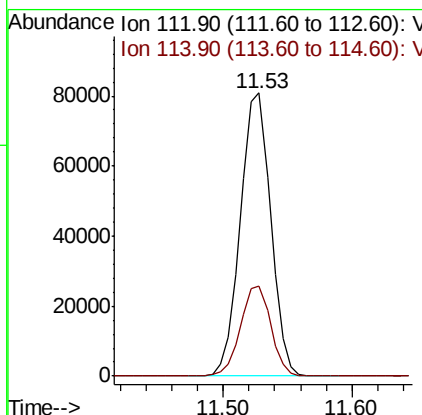
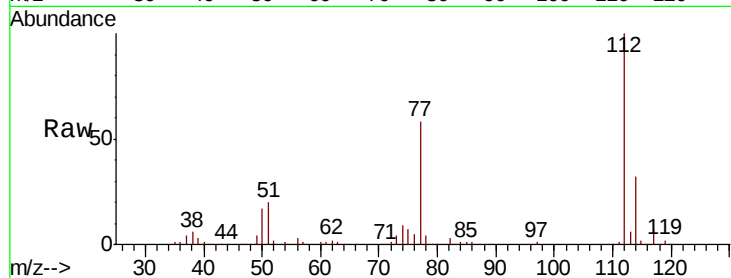




#65
Chlorobenzene
Concen: 21.410 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

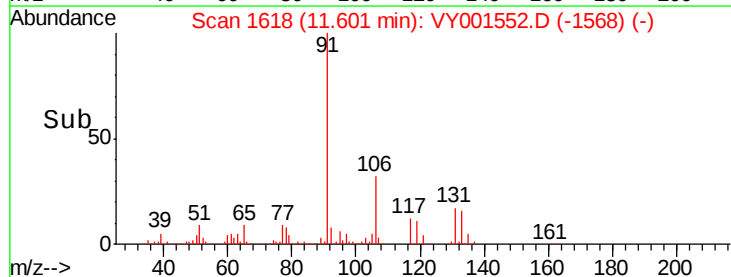
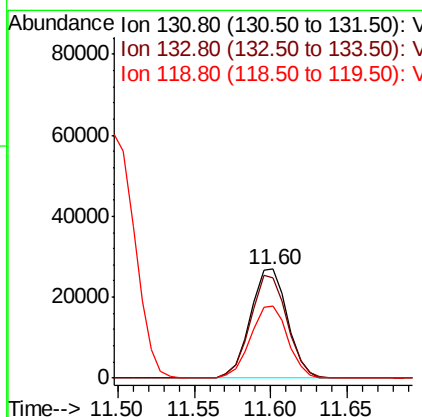
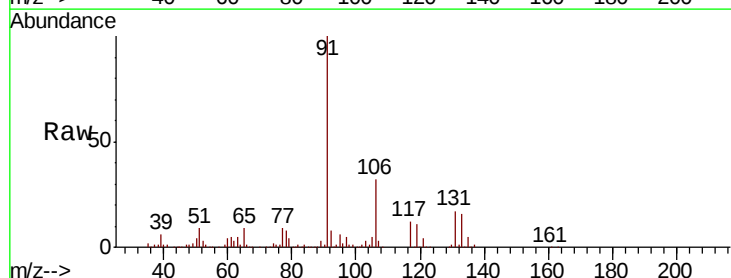
Instrument :
MSVOA_Y
ClientSampleId :

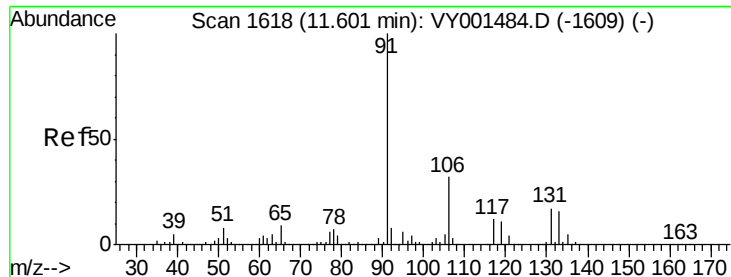
Tot Ion:112 Resp: 131504
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.150 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion:131 Resp: 45465
Ion Ratio Lower Upper
131 100
133 93.6 47.9 143.8
119 66.7 33.7 101.0

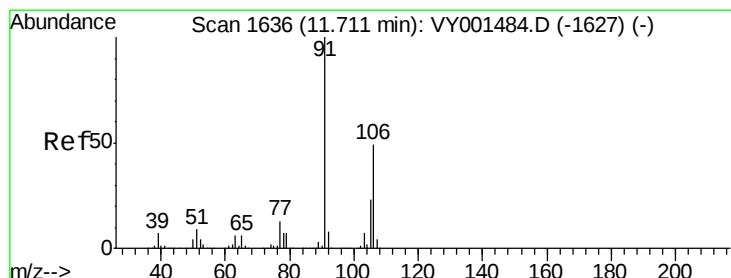
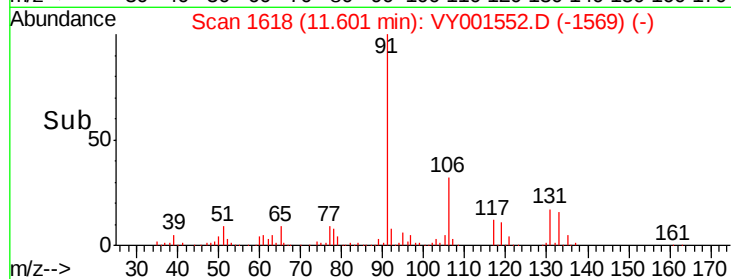
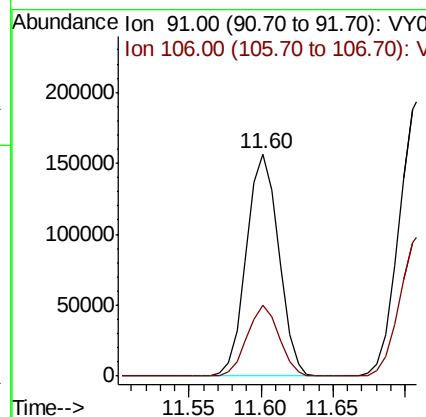
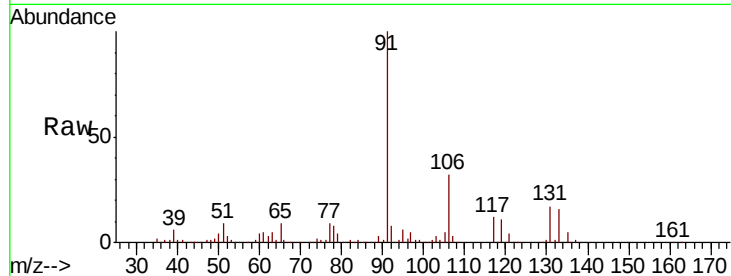




#67
Ethyl Benzene
Concen: 21.466 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

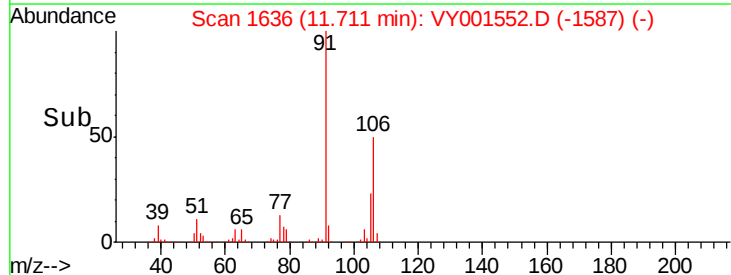
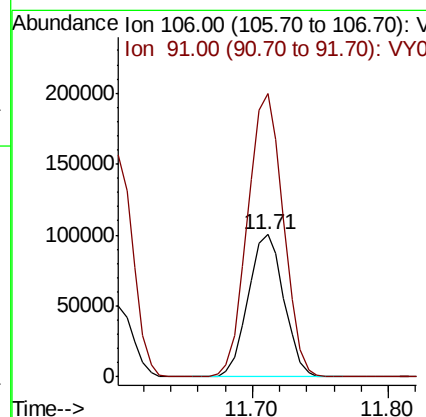
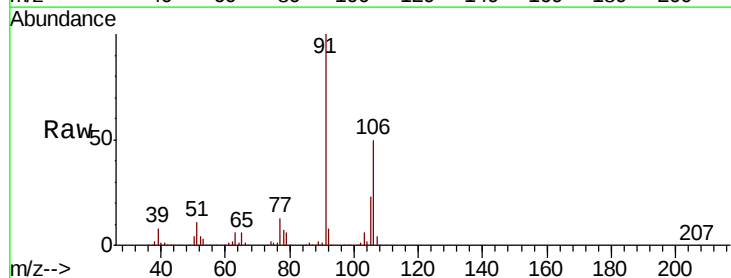
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 243776
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



#68
m/p-Xylenes
Concen: 43.293 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion: 106 Resp: 184573
Ion Ratio Lower Upper
106 100
91 198.7 163.6 245.4

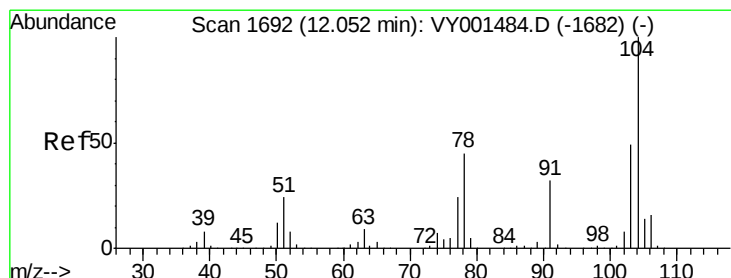
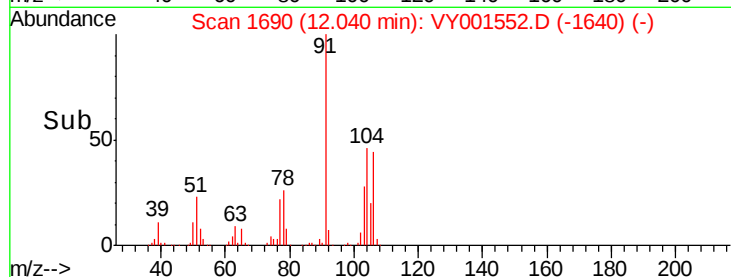
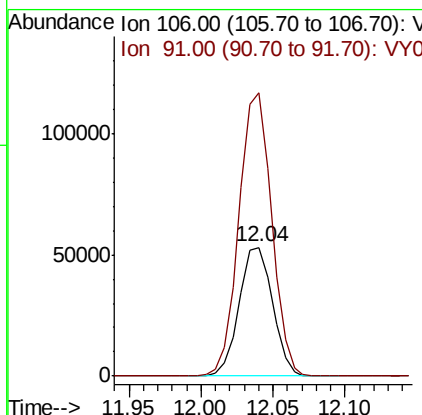
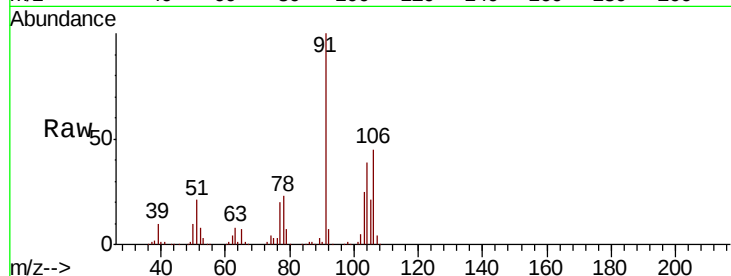




#69
o-Xylene
Concen: 21.376 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

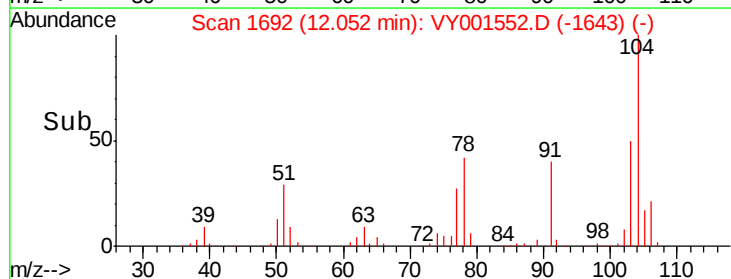
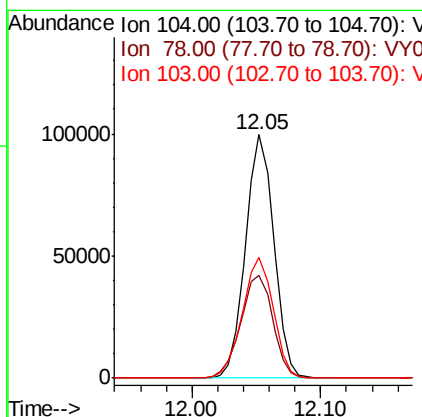
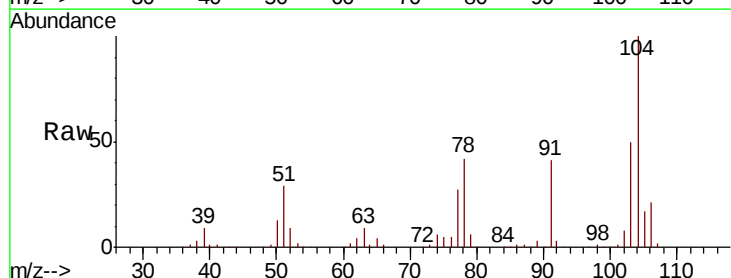
Instrument :
MSVOA_Y
ClientSampled :

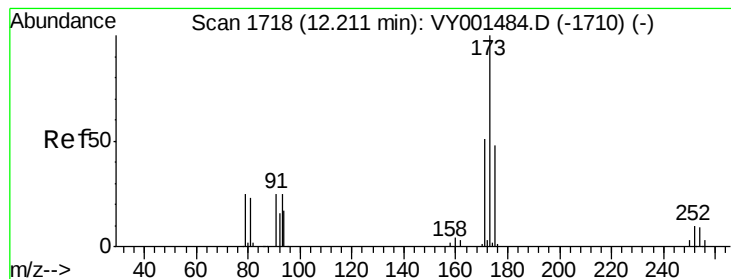
Tot Ion:106 Resp: 85926
Ion Ratio Lower Upper
106 100
91 214.4 106.0 318.0



#70
Styrene
Concen: 21.752 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion:104 Resp: 151202
Ion Ratio Lower Upper
104 100
78 47.8 40.4 60.6
103 54.2 42.8 64.2





#71

Bromoform

Concen: 21.423 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

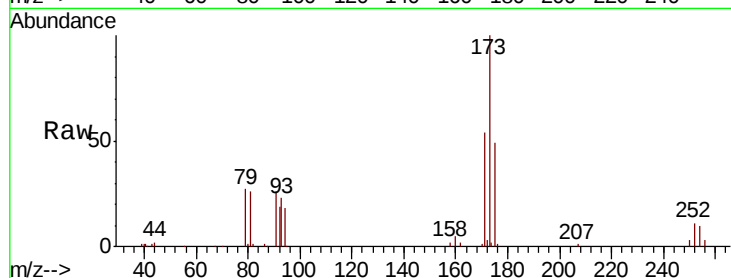
Tot Ion:173 Resp: 25643

Ion Ratio Lower Upper

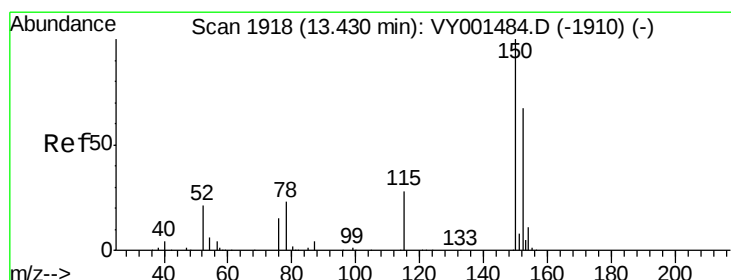
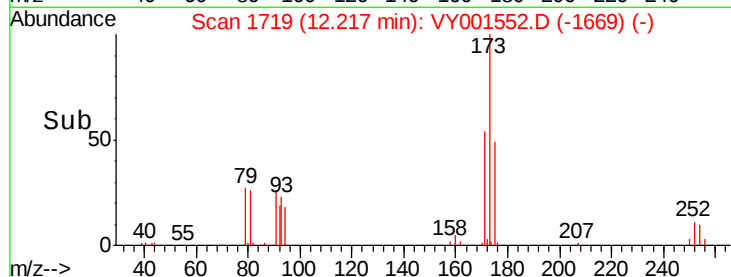
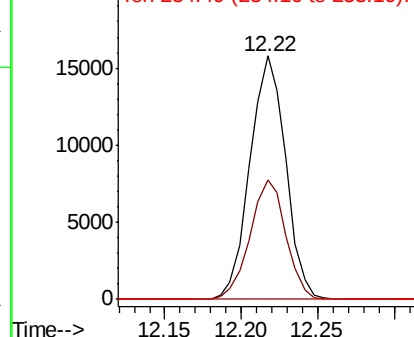
173 100

175 49.0 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# 1919

Delta R.T. 0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

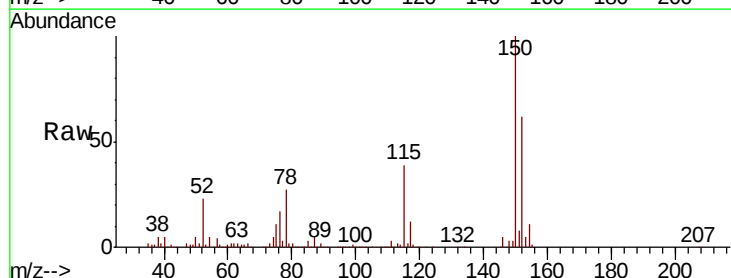
Tgt Ion:152 Resp: 151323

Ion Ratio Lower Upper

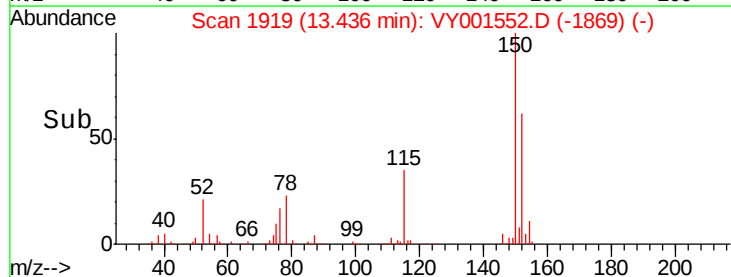
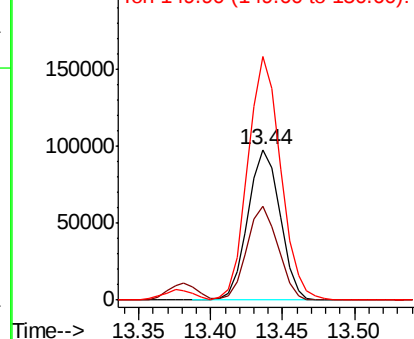
152 100

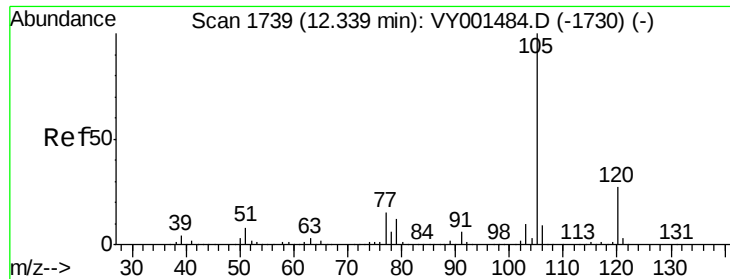
115 60.3 31.4 94.3

150 164.9 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: 20.315 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

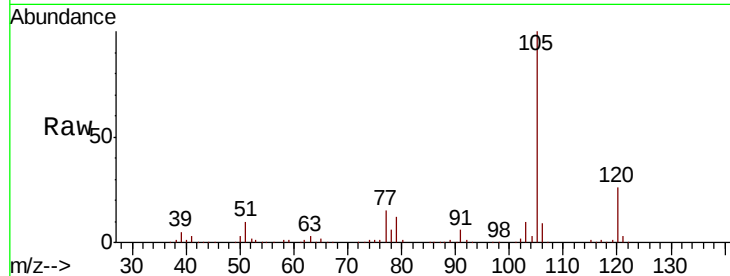
ClientSampleId :

Tot Ion:105 Resp: 234461

Ion Ratio Lower Upper

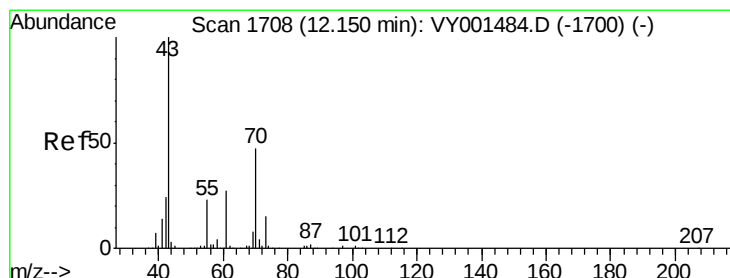
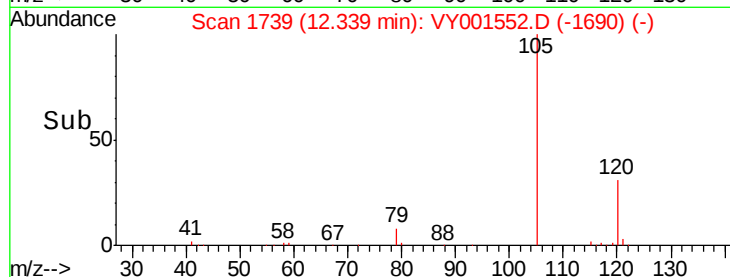
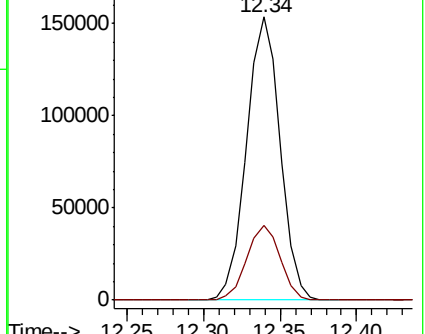
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 24.995 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Tgt Ion: 43 Resp: 74960

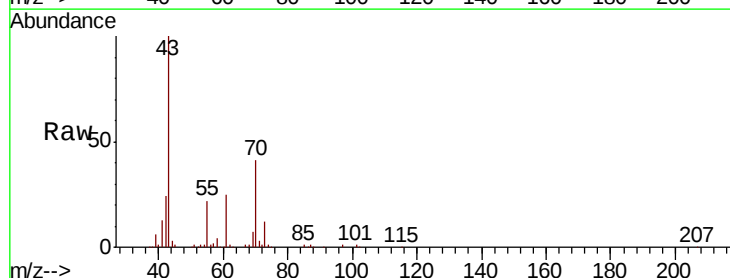
Ion Ratio Lower Upper

43 100

70 43.2 37.2 55.8

55 22.6 18.8 28.2

61 24.8 21.4 32.2

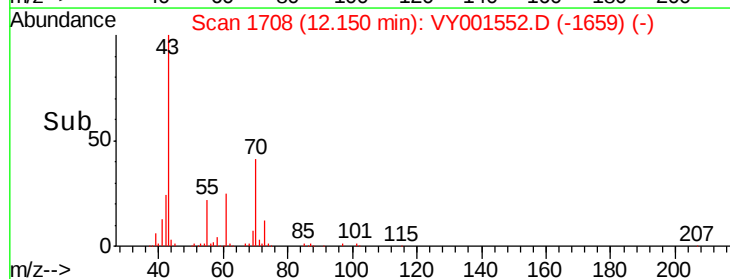
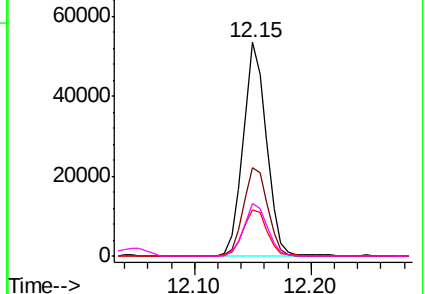


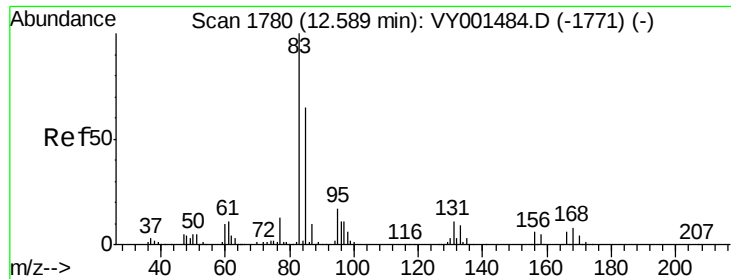
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.768 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

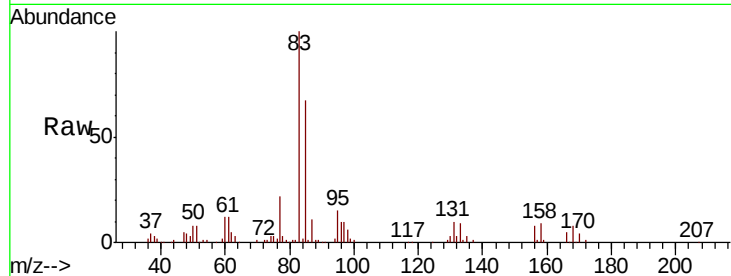
Tot Ion: 83 Resp: 49923

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

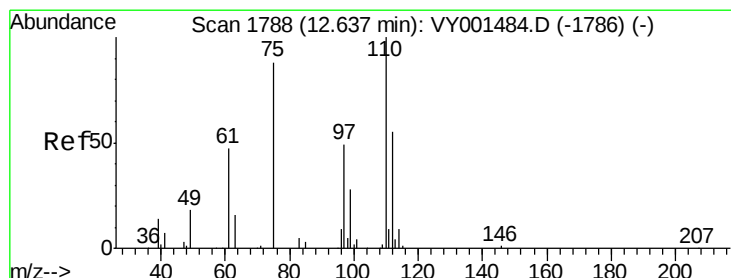
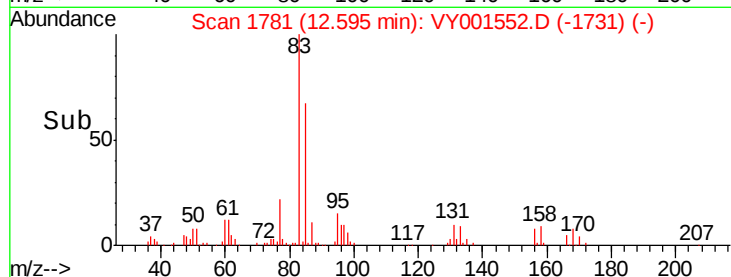
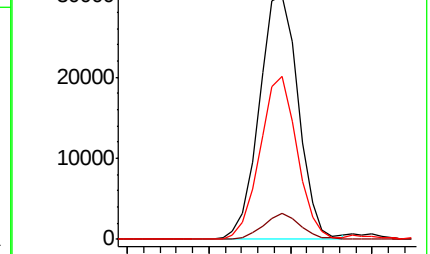
85 63.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY001552.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001552.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001552.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 40.637 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001552.D

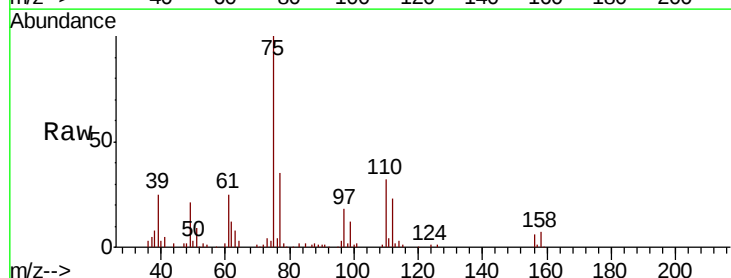
Acq: 07 Feb 2020 14:32

Tgt Ion: 75 Resp: 66130

Ion Ratio Lower Upper

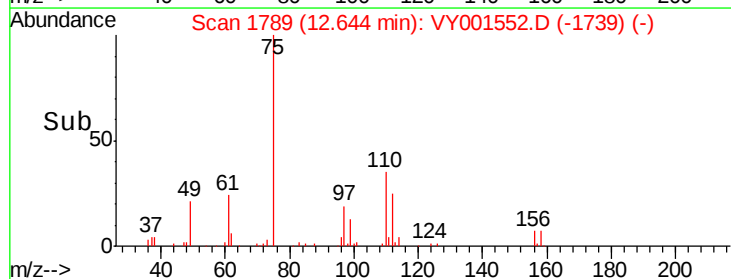
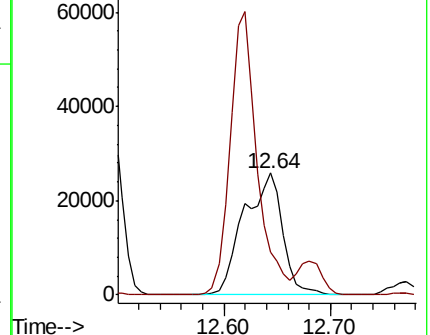
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001552.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY001552.D (-1739) (-)





#77

Bromobenzene

Concen: 20.495 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

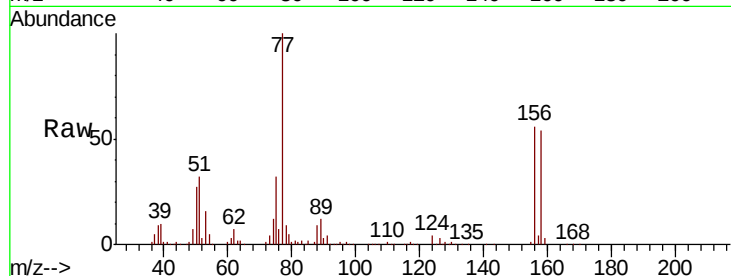
Instrument :

MSVOA_Y

ClientSampled :

Tot Ion:156 Resp: 51190

Ion	Ratio	Lower	Upper
156	100		
77	208.4	99.8	299.3
158	98.2	47.5	142.6

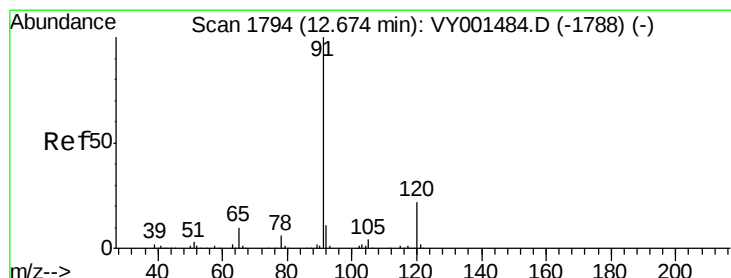
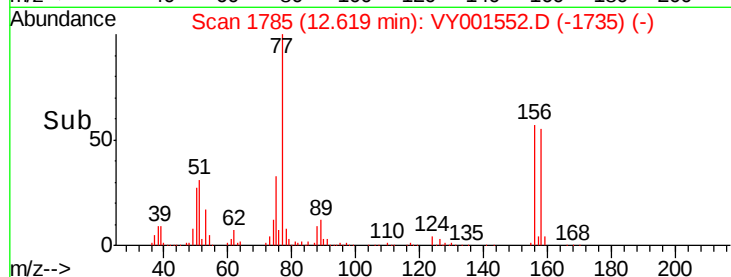
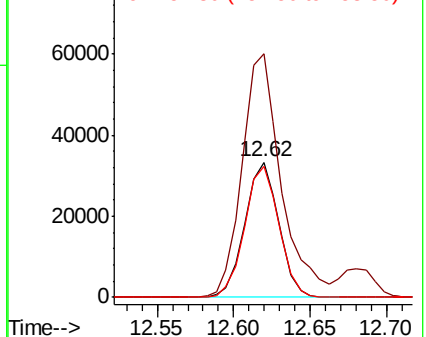


Abundance

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: 20.783 ug/l

RT: 12.68 min Scan# 1795

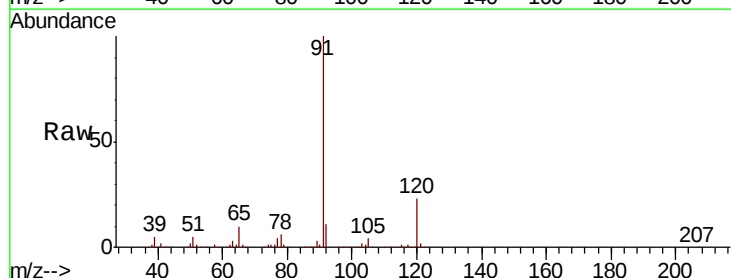
Delta R.T. 0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Tgt Ion: 91 Resp: 287148

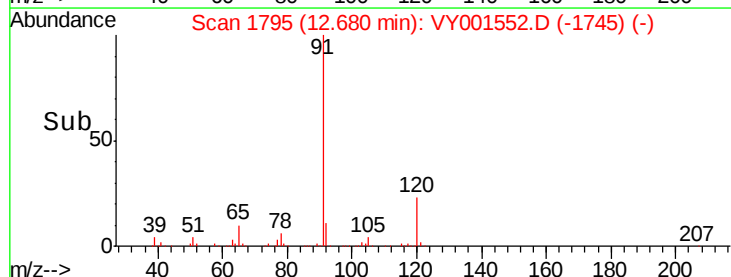
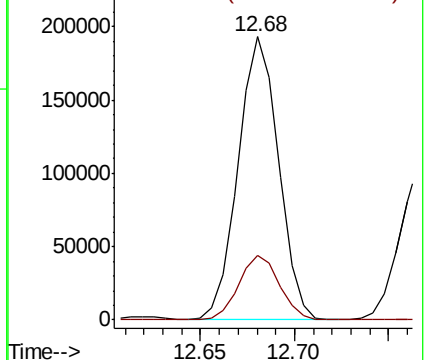
Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.2

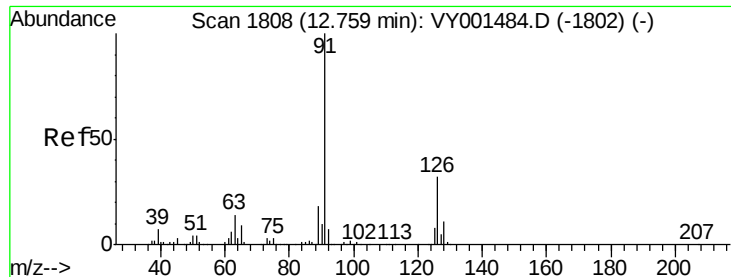


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.165 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

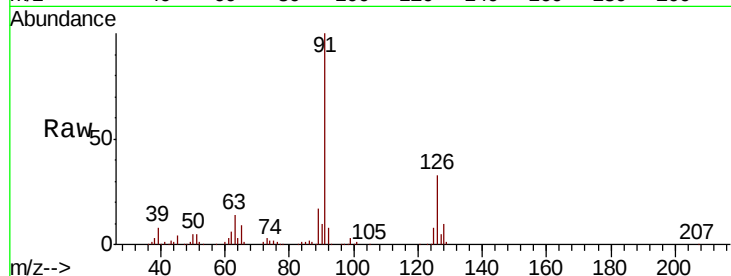
ClientSampleId :

Tot Ion: 91 Resp: 158816

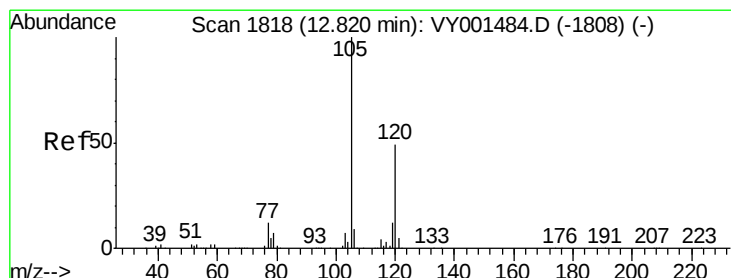
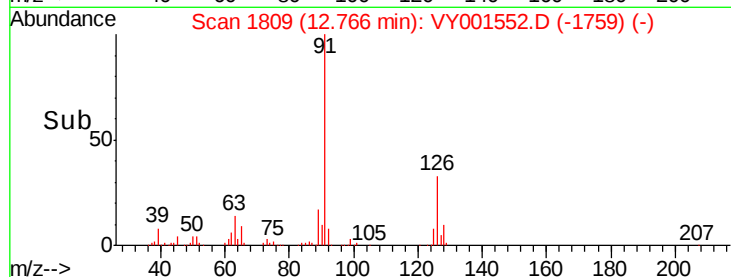
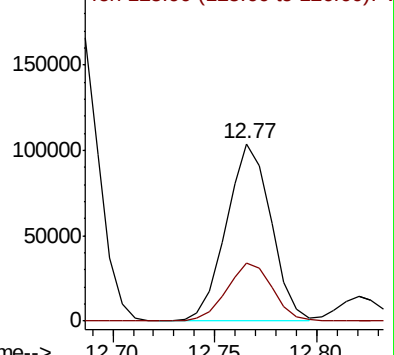
Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.2



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



#80

1,3,5-Trimethylbenzene

Concen: 20.228 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001552.D

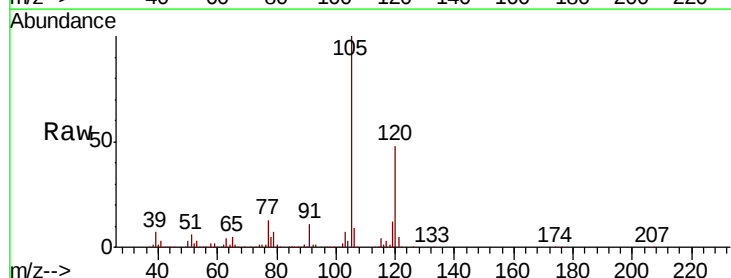
Acq: 07 Feb 2020 14:32

Tgt Ion: 105 Resp: 196612

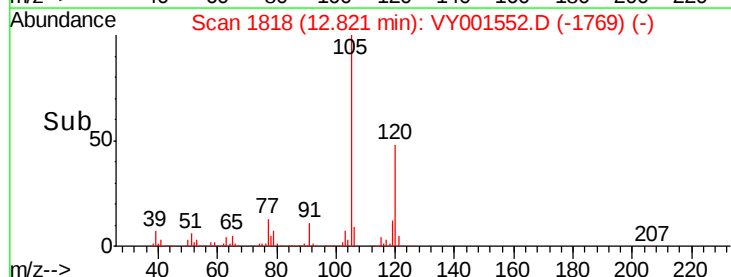
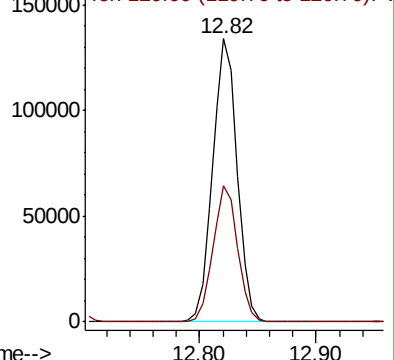
Ion Ratio Lower Upper

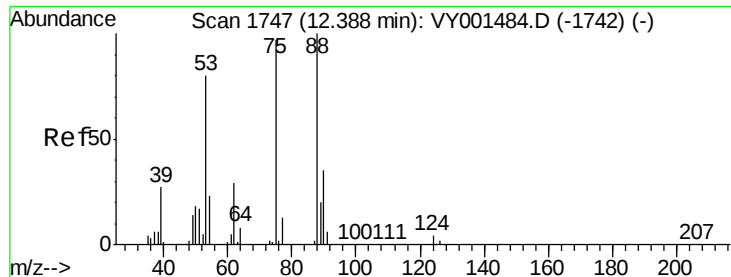
105 100

120 48.3 24.1 72.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 21.587 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

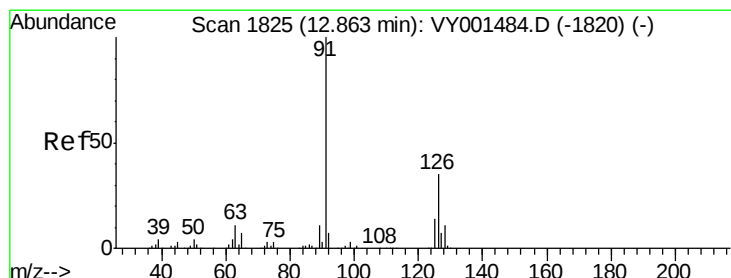
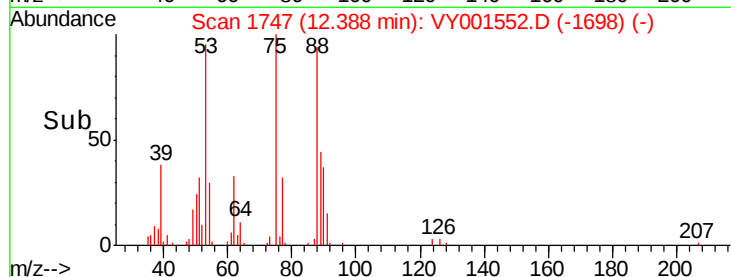
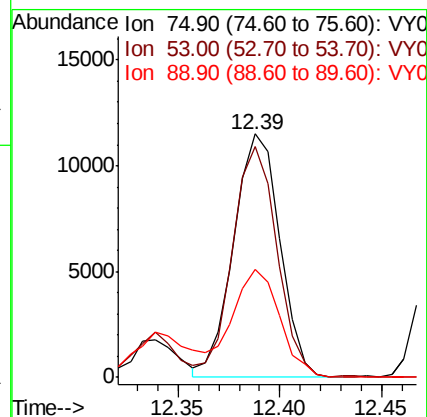
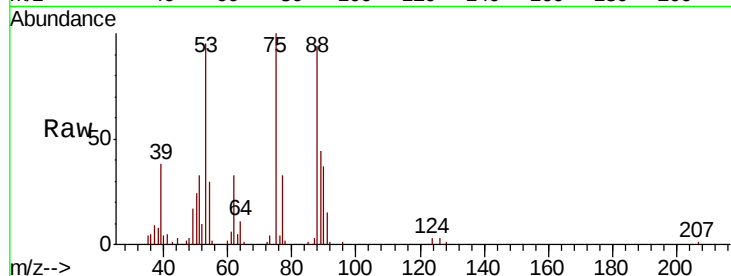
Tot Ion: 75 Resp: 18155

Ion Ratio Lower Upper

75 100

53 90.9 67.7 101.5

89 45.2 34.6 52.0



#82

4-Chlorotoluene

Concen: 20.326 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001552.D

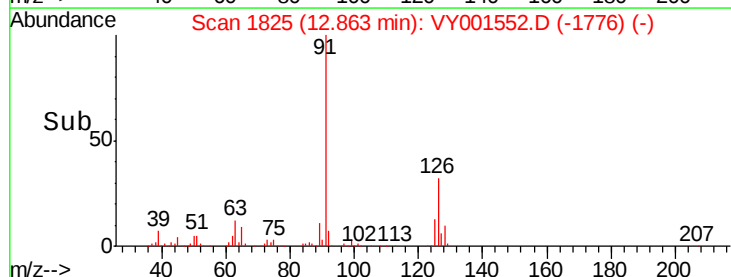
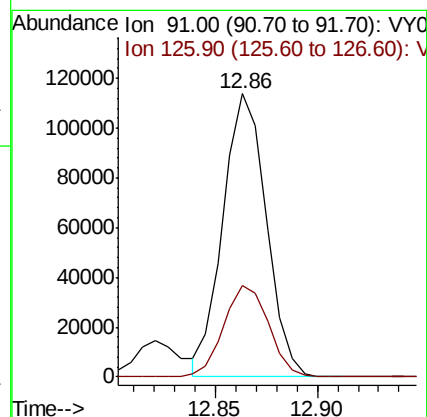
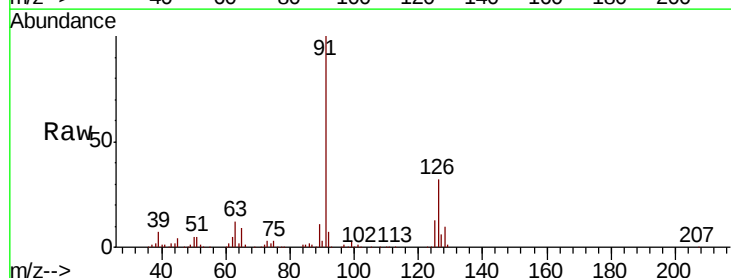
Acq: 07 Feb 2020 14:32

Tgt Ion: 91 Resp: 167837

Ion Ratio Lower Upper

91 100

126 33.4 16.5 49.5





#83

tert-Butylbenzene

Concen: 19.767 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

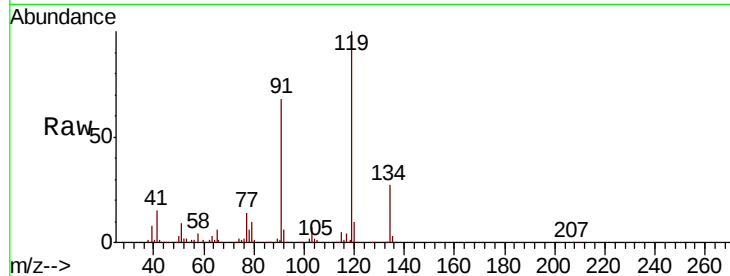
Tot Ion:119 Resp: 162397

Ion Ratio Lower Upper

119 100

91 67.8 33.1 99.3

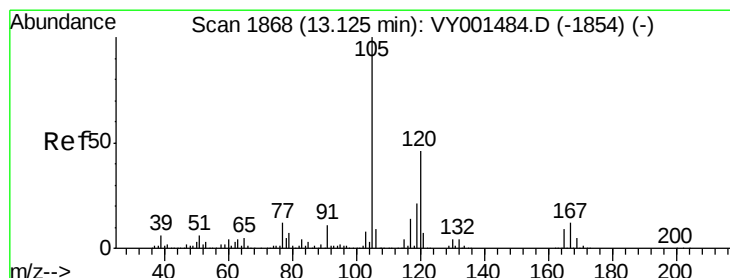
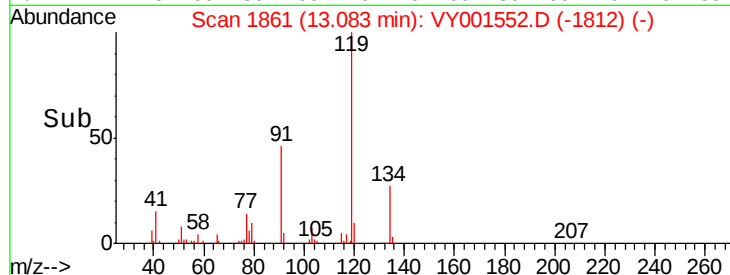
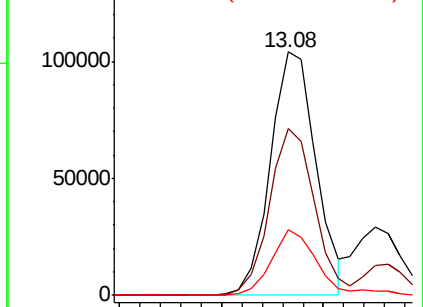
134 27.6 13.0 39.0



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: 20.451 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001552.D

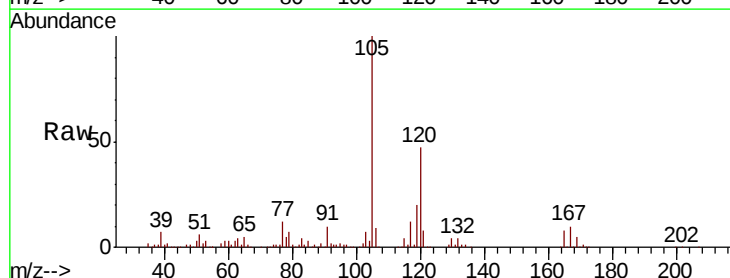
Acq: 07 Feb 2020 14:32

Tgt Ion:105 Resp: 196738

Ion Ratio Lower Upper

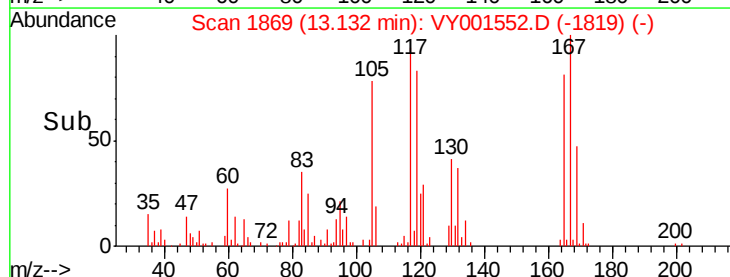
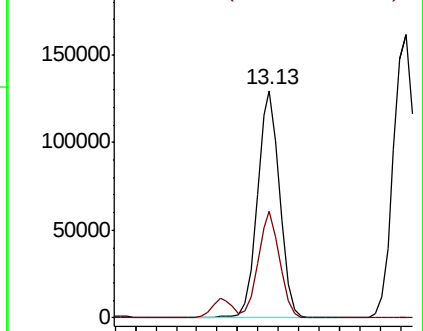
105 100

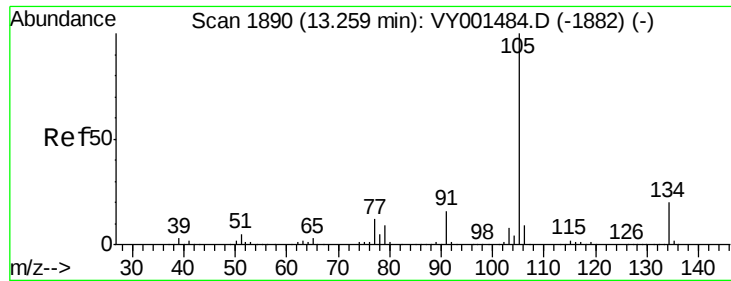
120 45.7 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

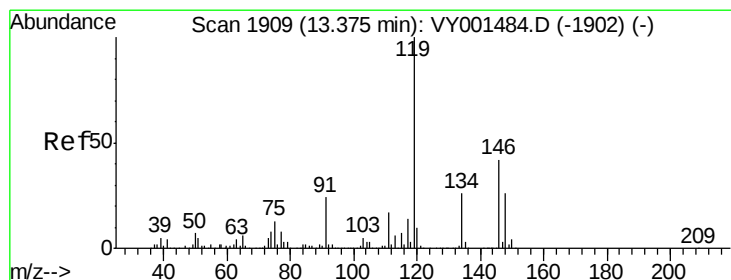
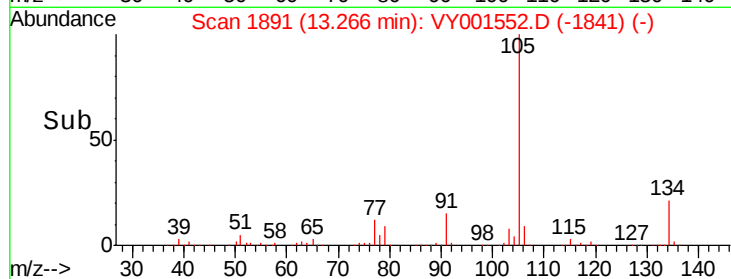
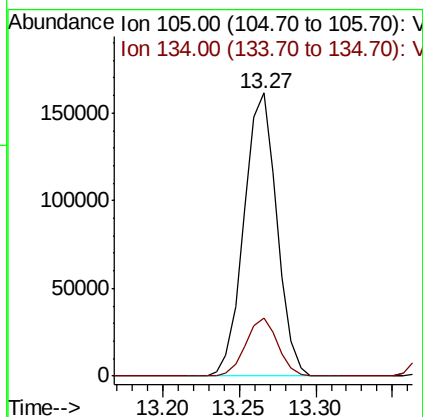
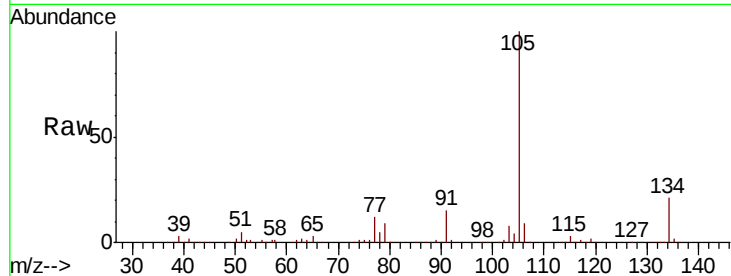




#85
 sec-Butylbenzene
 Concen: 20.830 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

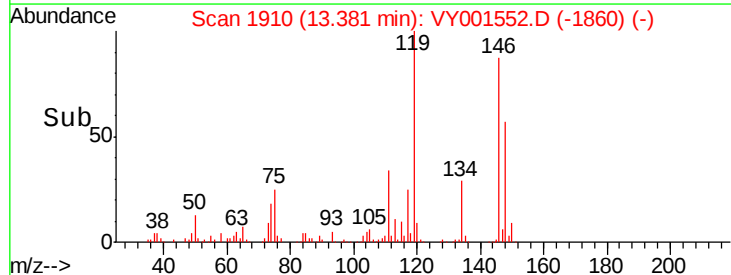
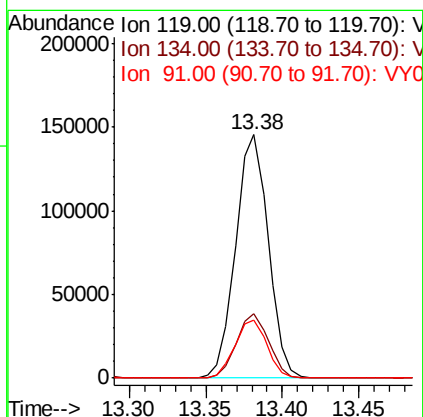
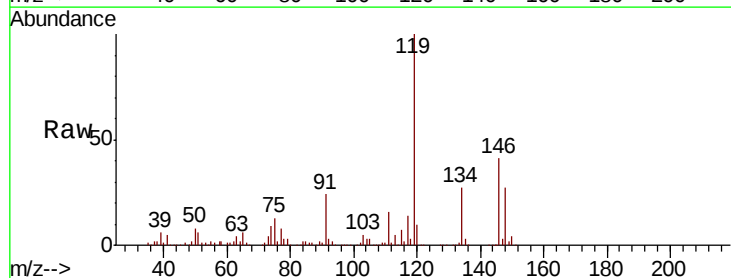
Instrument :
 MSVOA_Y
 ClientSampleId :

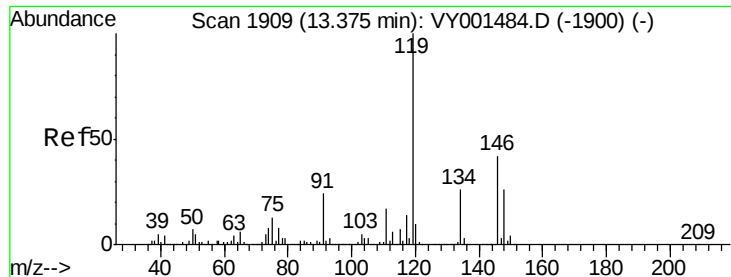
Tot Ion:105 Resp: 240604
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.999 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Tgt Ion:119 Resp: 213753
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 23.5 12.2 36.6

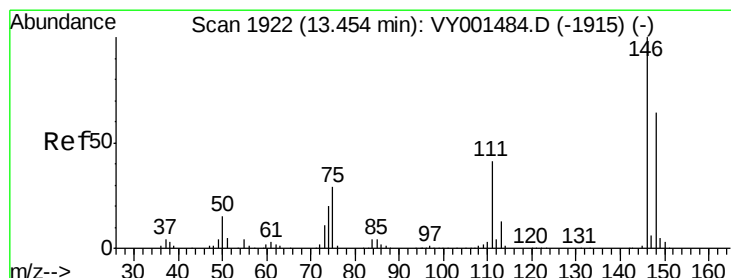
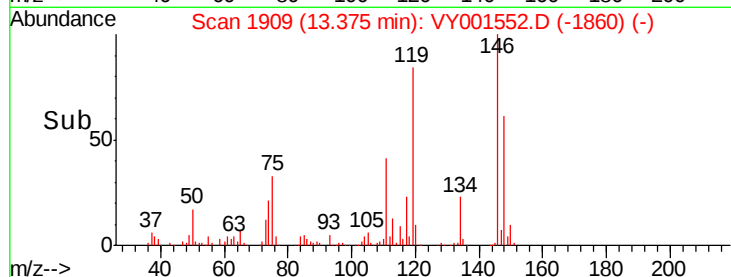
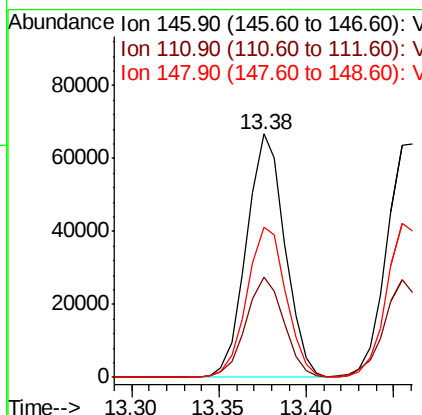
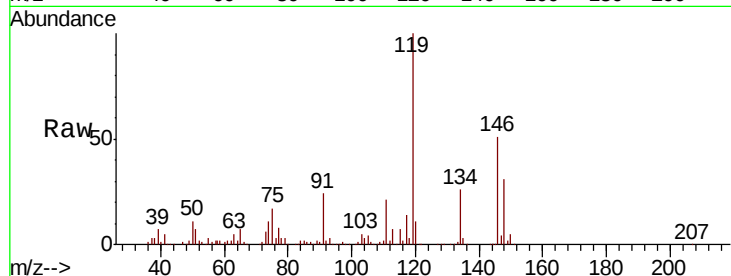




#87
 1,3-Dichlorobenzene
 Concen: 21.302 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

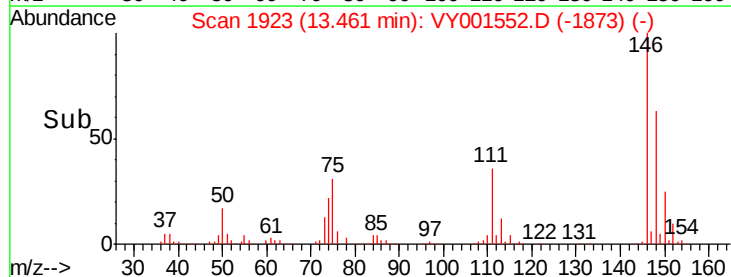
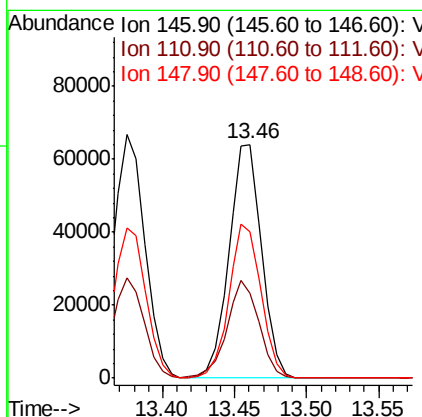
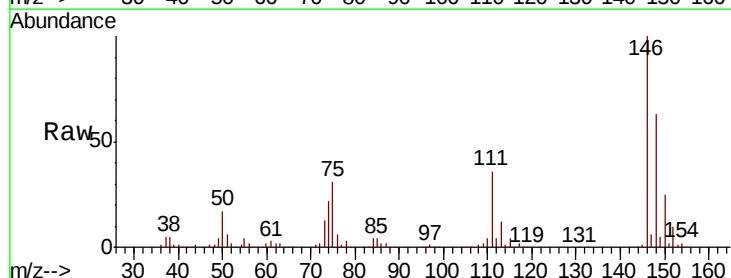
Instrument :
 MSVOA_Y
 ClientSampleId :

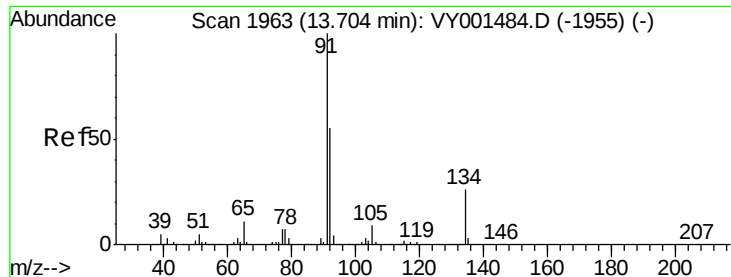
Tot Ion:146 Resp: 101964
 Ion Ratio Lower Upper
 146 100
 111 40.7 21.3 63.9
 148 62.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.088 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Tgt Ion:146 Resp: 101123
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 64.8 32.1 96.5

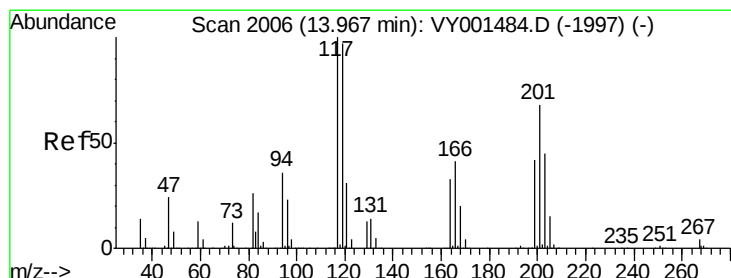
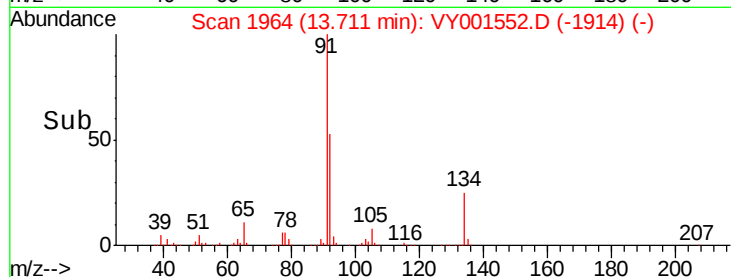
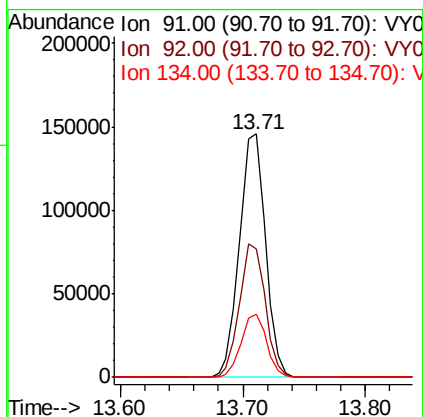
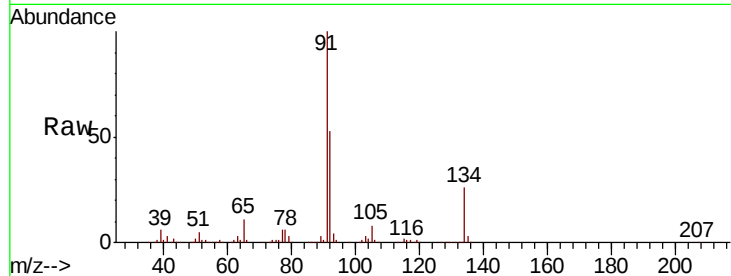




#89
n-Butylbenzene
Concen: 21.438 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

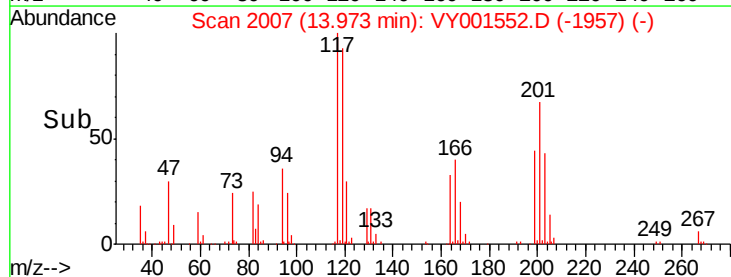
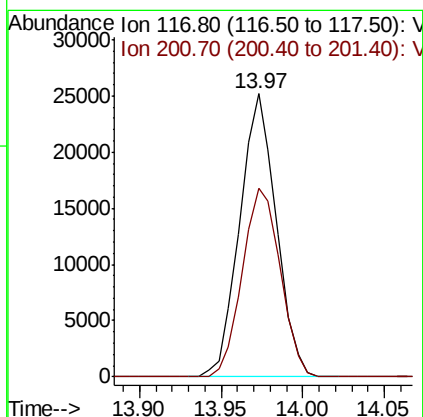
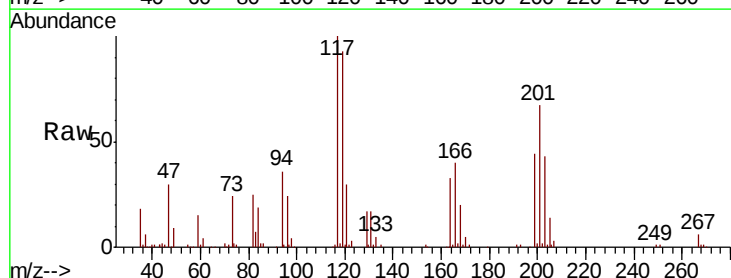
Instrument :
MSVOA_Y
ClientSampleId :

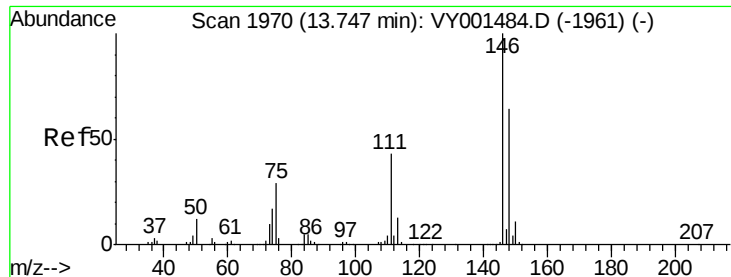
Tot Ion: 91 Resp: 215313
Ion Ratio Lower Upper
91 100
92 54.4 27.3 81.9
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 20.136 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion: 117 Resp: 39341
Ion Ratio Lower Upper
117 100
201 69.5 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 21.319 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

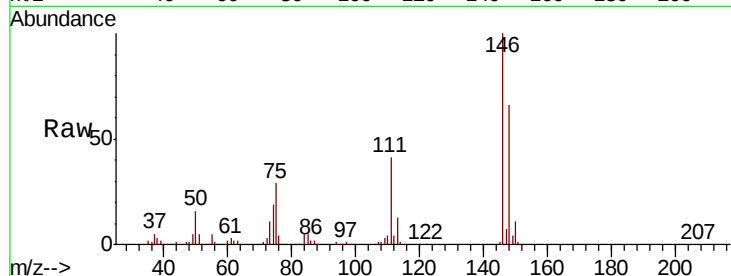
Tot Ion:146 Resp: 92477

Ion Ratio Lower Upper

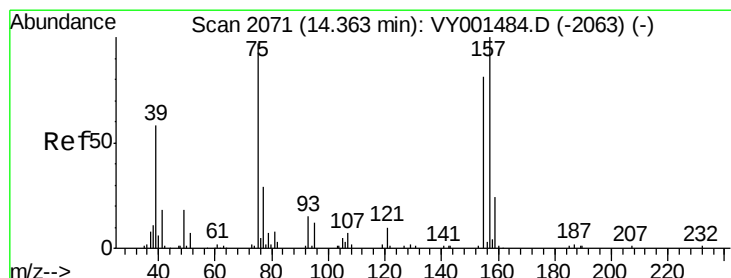
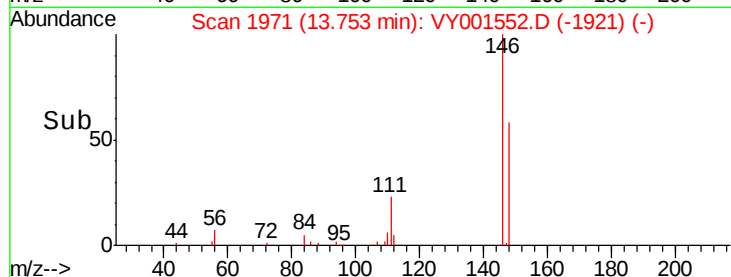
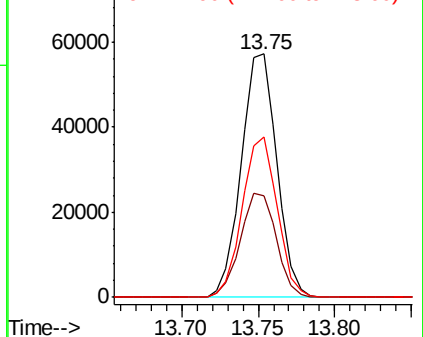
146 100

111 43.3 21.9 65.8

148 64.9 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: 21.403 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY001552.D

Acq: 07 Feb 2020 14:32

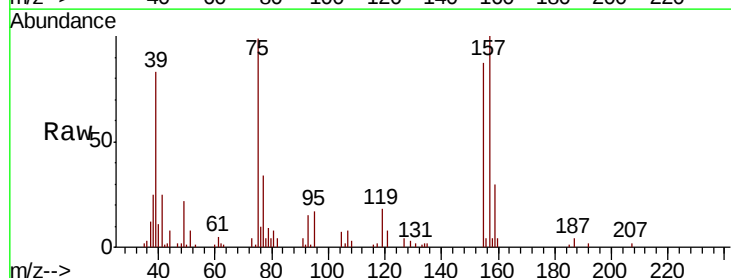
Tgt Ion: 75 Resp: 8664

Ion Ratio Lower Upper

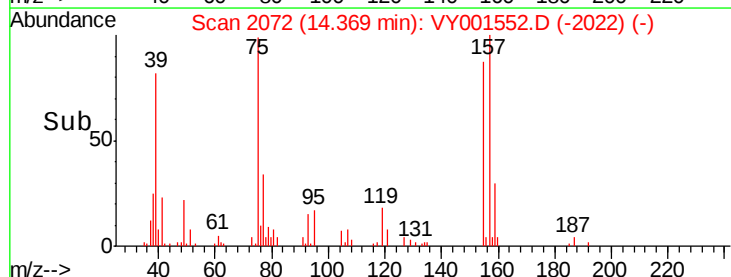
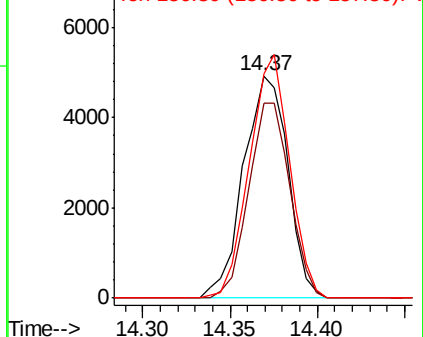
75 100

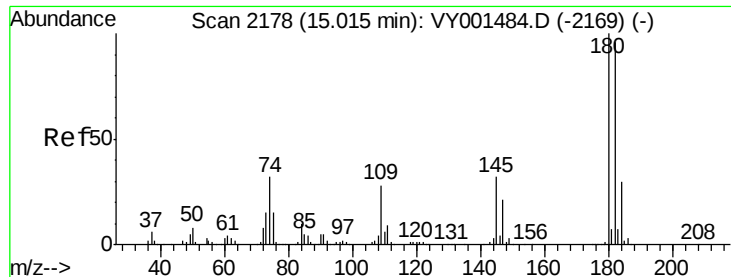
155 81.6 40.7 122.1

157 99.4 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

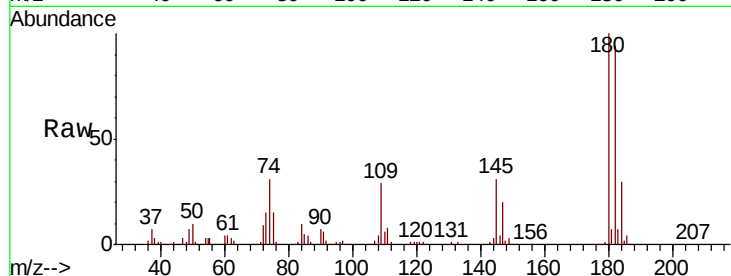




#93
 1,2,4-Trichlorobenzene
 Concen: 21.434 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.9	140.7
145	30.7	16.8	50.3

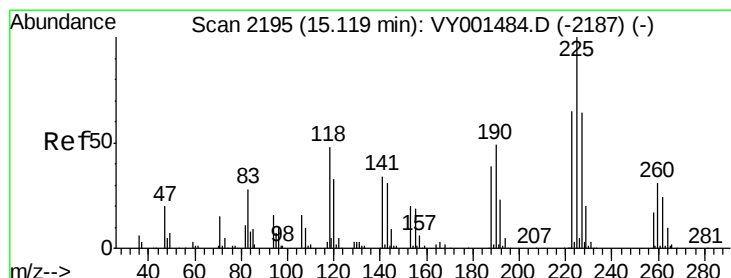
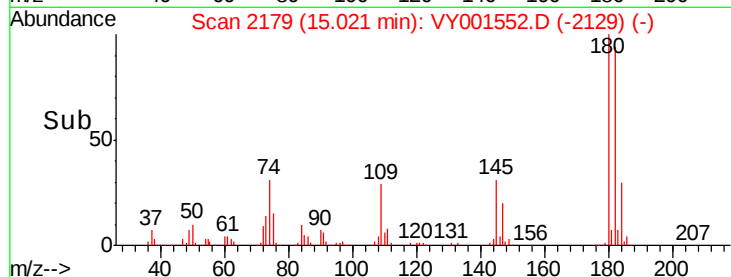
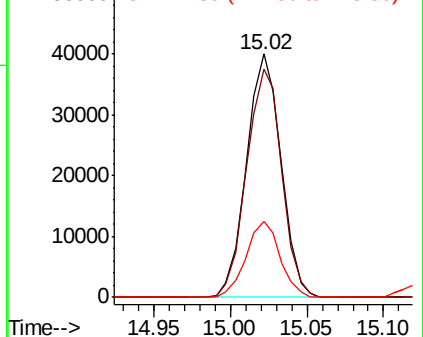


Abundance

Ion 179.80 (179.50 to 180.50): V

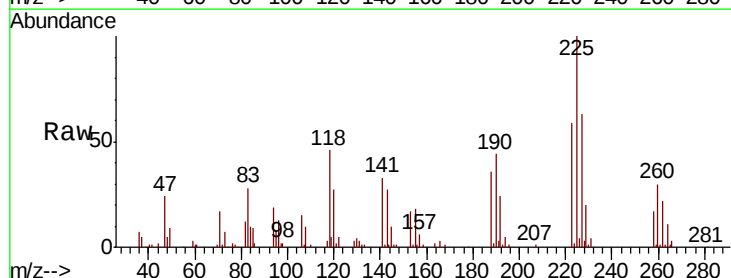
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.078 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001552.D
 Acq: 07 Feb 2020 14:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.7
227	64.7	32.6	97.7

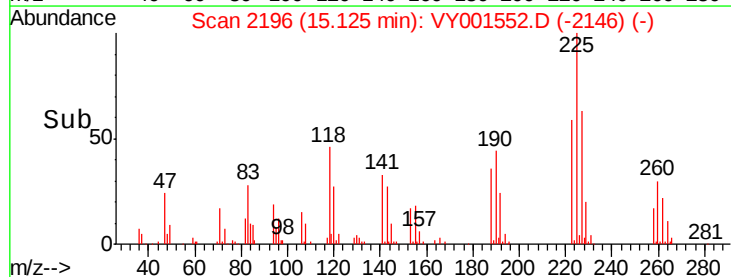
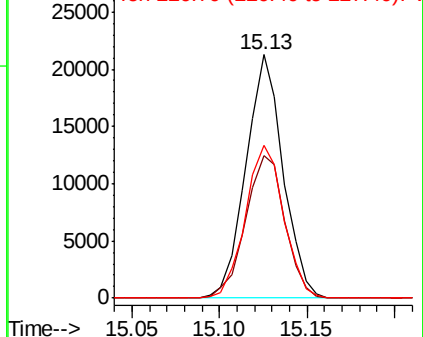


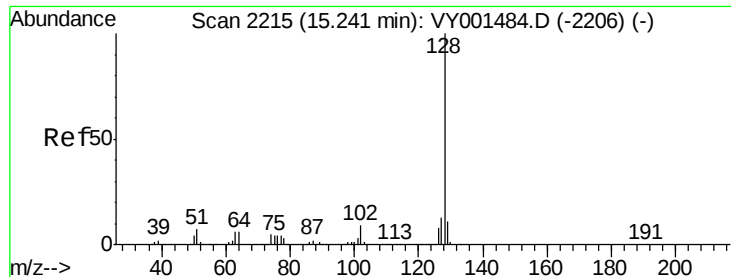
Abundance

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

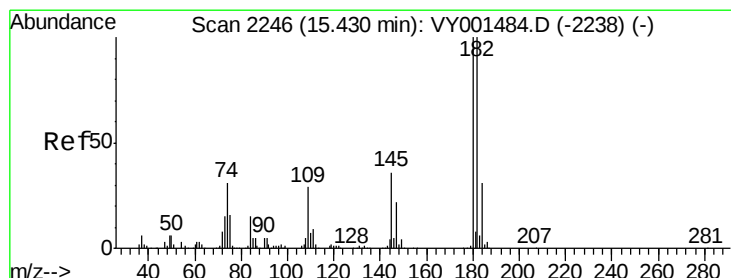
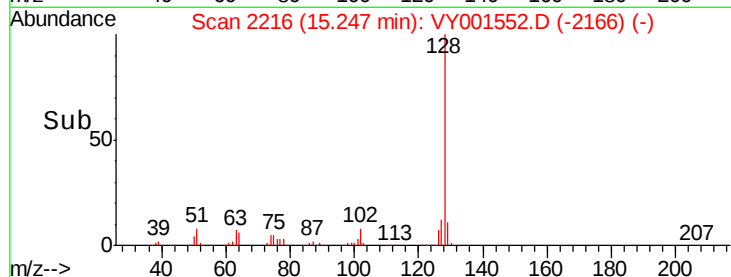
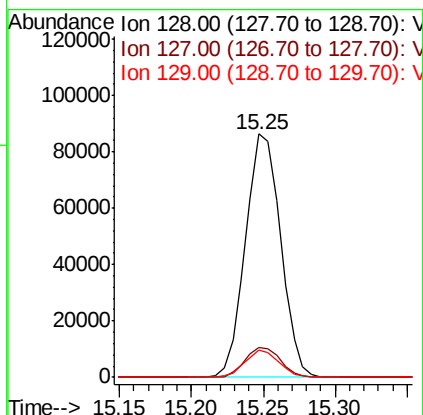
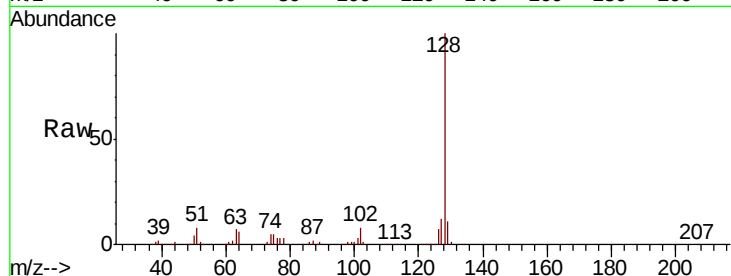




#95
Naphthalene
Concen: 21.256 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.221 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001552.D
Acq: 07 Feb 2020 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.2
145	32.1	17.8	53.5

