

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001554.D
 Acq On : 07 Feb 2020 15:15
 Operator : SY/MD
 Sample : VY0207SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:25:36 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	202739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	351178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	313715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	147641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	107653	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.74	113	98819	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.19	98	416091	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
62) 4-Bromofluorobenzene	12.49	95	149548	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	35072	17.672	ug/l	95
3) Chloromethane	2.13	50	45751	22.057	ug/l	96
4) Vinyl Chloride	2.26	62	49597	23.028	ug/l	93
5) Bromomethane	2.65	94	31796	23.474	ug/l	95
6) Chloroethane	2.80	64	30586	23.560	ug/l	96
7) Trichlorofluoromethane	3.14	101	64583	18.116	ug/l	99
8) Diethyl Ether	3.55	74	24250	20.158	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40173	18.729	ug/l	100
10) Methyl Iodide	4.11	142	48045	17.579	ug/l	98
11) Tert butyl alcohol	4.99	59	30373	113.909	ug/l	96
12) 1,1-Dichloroethene	3.90	96	40156	18.839	ug/l	93
13) Acrolein	3.75	56	20498	106.050	ug/l	99
14) Allyl chloride	4.51	41	71398	21.896	ug/l	96
15) Acrylonitrile	5.19	53	65933	119.551	ug/l	100
16) Acetone	3.97	43	63056	106.790	ug/l	97
17) Carbon Disulfide	4.21	76	132314	19.499	ug/l	100
18) Methyl Acetate	4.51	43	32272	25.612	ug/l	94
19) Methyl tert-butyl Ether	5.25	73	113826	20.080	ug/l	97
20) Methylene Chloride	4.74	84	49493	18.422	ug/l	89
21) trans-1,2-Dichloroethene	5.24	96	45802	19.329	ug/l	97
22) Diisopropyl ether	6.14	45	145231	22.481	ug/l	97
23) Vinyl Acetate	6.09	43	479646	116.630	ug/l	96
24) 1,1-Dichloroethane	6.05	63	79290	20.405	ug/l	98
25) 2-Butanone	7.01	43	92494	120.744	ug/l	92
26) 2,2-Dichloropropane	7.01	77	70482	18.952	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	51144	19.761	ug/l	97
28) Bromochloromethane	7.36	49	29933	22.612	ug/l	90
29) Tetrahydrofuran	7.37	42	58955	128.403	ug/l	93
30) Chloroform	7.53	83	75528	19.189	ug/l	95
31) Cyclohexane	7.80	56	84742	21.320	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	66585	18.658	ug/l	97
36) 1,1-Dichloropropene	7.94	75	64748	20.154	ug/l	98
37) Ethyl Acetate	7.10	43	38603	24.822	ug/l	96
38) Carbon Tetrachloride	7.92	117	56223	18.089	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	85137	20.126	ug/l	98
40) Benzene	8.18	78	185833	20.280	ug/l	99
41) Methacrylonitrile	7.36	41	52341	72.616	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	50469	19.769	ug/l	98
43) Isopropyl Acetate	8.29	43	73619	23.908	ug/l	94
44) Trichloroethene	8.95	130	47827	19.363	ug/l	94
45) 1,2-Dichloropropane	9.23	63	47618	21.520	ug/l	99
46) Dibromomethane	9.32	93	24708	19.886	ug/l	99
47) Bromodichloromethane	9.51	83	57991	19.155	ug/l	98
48) Methyl methacrylate	9.30	41	32972	23.592	ug/l	94
49) 1,4-Dioxane	9.32	88	6760	411.964	ug/l #	93
51) 4-Methyl-2-Pentanone	10.08	43	193207	127.408	ug/l	96
52) Toluene	10.25	92	117013	20.125	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	65231	19.783	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	73978	19.542	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	36968	20.737	ug/l	97
56) Ethyl methacrylate	10.52	69	54135	21.350	ug/l	92
57) 1,3-Dichloropropane	10.80	76	63356	20.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	107442	115.185	ug/l	96
59) 2-Hexanone	10.84	43	138396	125.520	ug/l	96
60) Dibromochloromethane	10.99	129	39971	19.022	ug/l	98
61) 1,2-Dibromoethane	11.10	107	35600	20.275	ug/l	97
64) Tetrachloroethene	10.72	164	39345	19.124	ug/l	97
65) Chlorobenzene	11.52	112	119693	19.431	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	41237	19.128	ug/l	98
67) Ethyl Benzene	11.60	91	225779	19.824	ug/l	99
68) m/p-Xylenes	11.70	106	169622	39.672	ug/l	98
69) o-Xylene	12.03	106	80060	19.860	ug/l	98
70) Styrene	12.05	104	139150	19.960	ug/l	98
71) Bromoform	12.21	173	24229	20.183	ug/l #	98
73) Isopropylbenzene	12.33	105	216453	19.223	ug/l	100
74) N-amyl acetate	12.15	43	68954	23.566	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	45427	21.234	ug/l	96
76) 1,2,3-Trichloropropane	12.64	75	60569	38.148	ug/l #	100
77) Bromobenzene	12.61	156	47286	19.404	ug/l	95
78) n-propylbenzene	12.67	91	263353	19.536	ug/l	100
79) 2-Chlorotoluene	12.76	91	146867	19.113	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	180872	19.073	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16566	20.189	ug/l	94
82) 4-Chlorotoluene	12.86	91	154630	19.193	ug/l	100
83) tert-Butylbenzene	13.08	119	154873	19.321	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	180617	19.244	ug/l	98
85) sec-Butylbenzene	13.26	105	221599	19.663	ug/l	100
86) p-Isopropyltoluene	13.38	119	196300	19.765	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	92732	19.857	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	93247	19.930	ug/l	99
89) n-Butylbenzene	13.70	91	197307	20.135	ug/l	98
90) Hexachloroethane	13.97	117	35408	18.575	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	85189	20.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7296	18.473	ug/l	88

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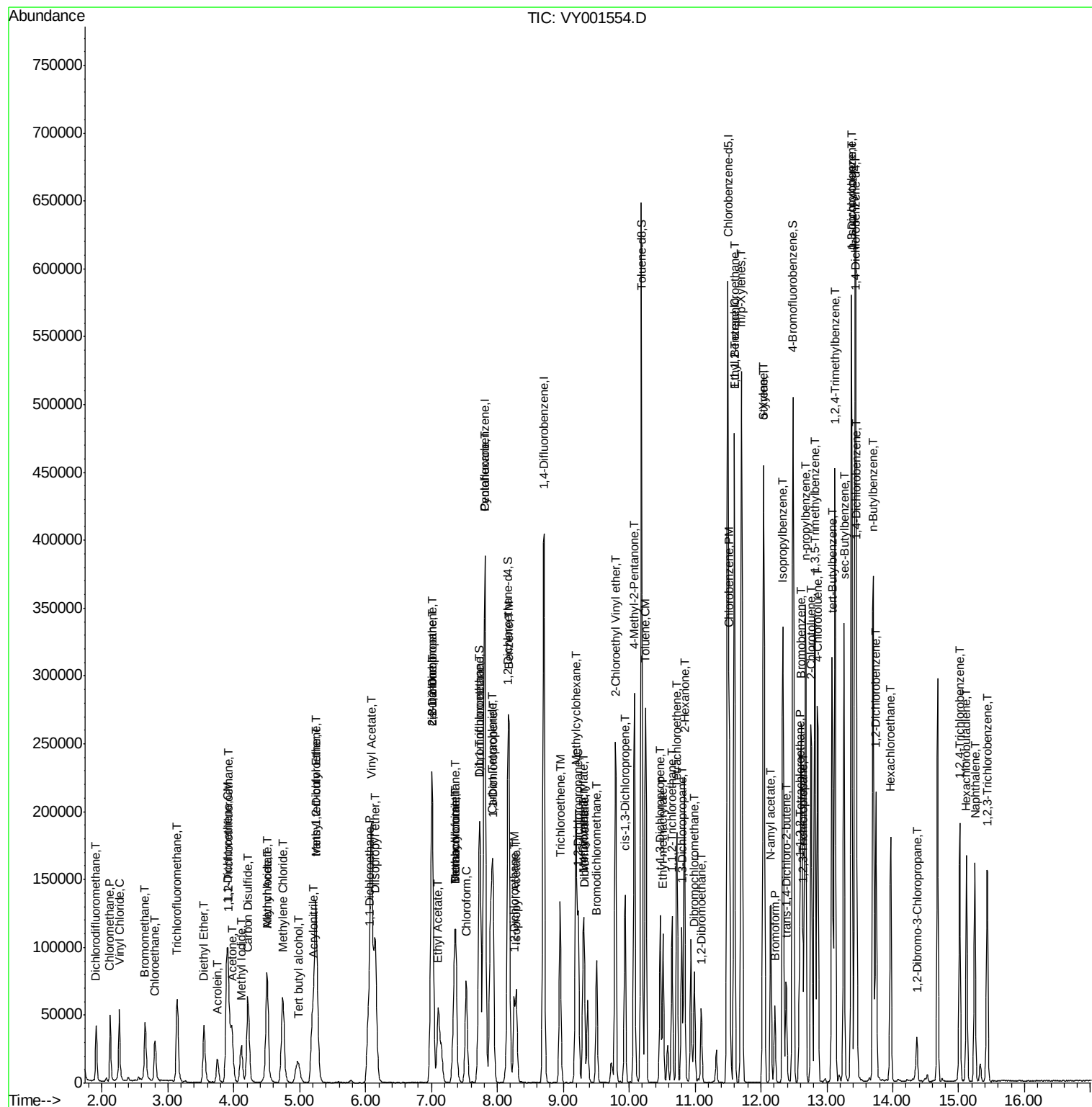
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	55422	19.433	ug/l	95
94) Hexachlorobutadiene	15.12	225	27213	18.800	ug/l	100
95) Naphthalene	15.25	128	129010	19.247	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	49761	19.766	ug/l	98

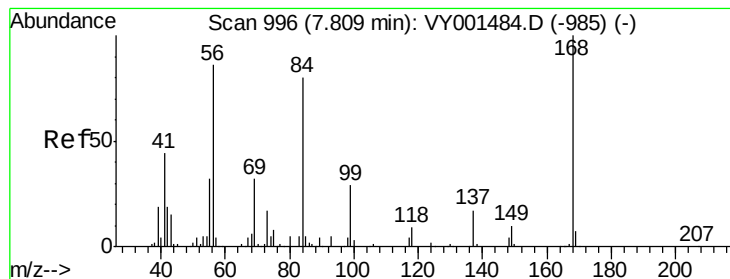
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

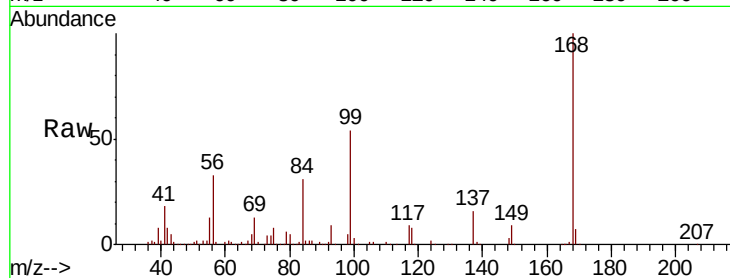
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 202739

Ion Ratio Lower Upper

168 100

99 54.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001554.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001554.D (-947) (-)

7.81

100000

80000

60000

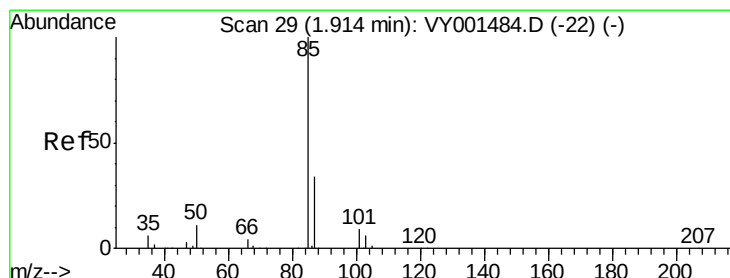
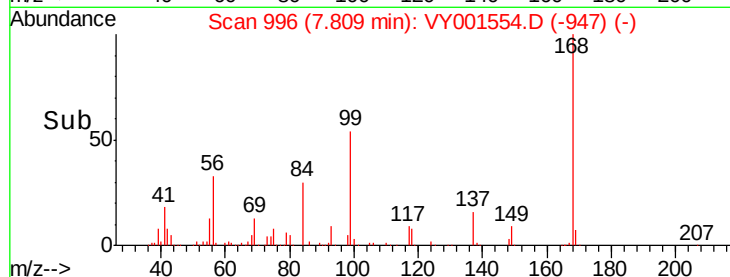
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.672 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001554.D

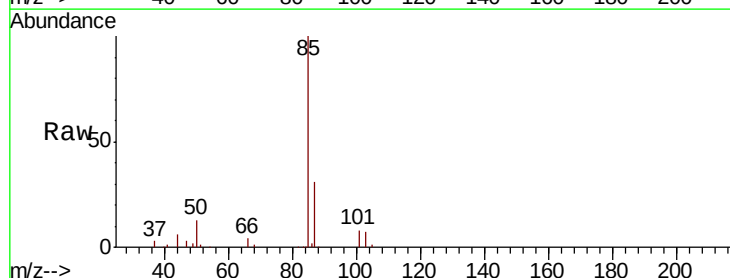
Acq: 07 Feb 2020 15:15

Tgt Ion: 85 Resp: 35072

Ion Ratio Lower Upper

85 100

87 31.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001554.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001554.D (-1) (-)

1.91

25000

20000

15000

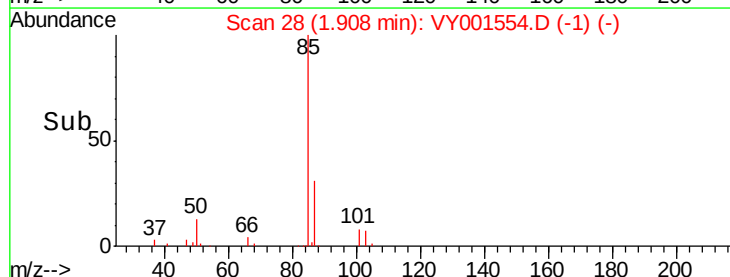
10000

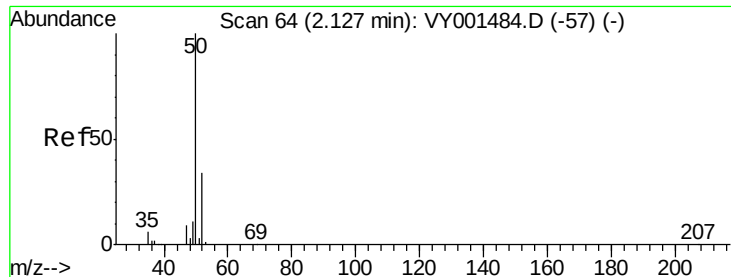
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 22.057 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

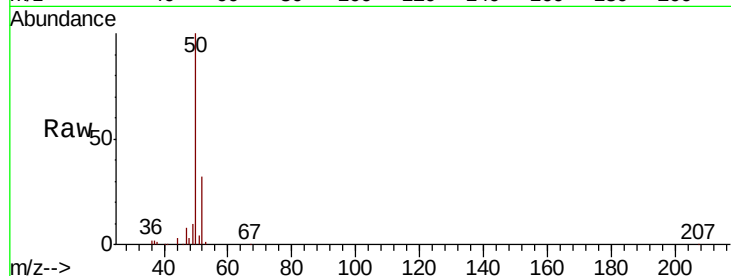
ClientSampleId :

Tot Ion: 50 Resp: 45751

Ion Ratio Lower Upper

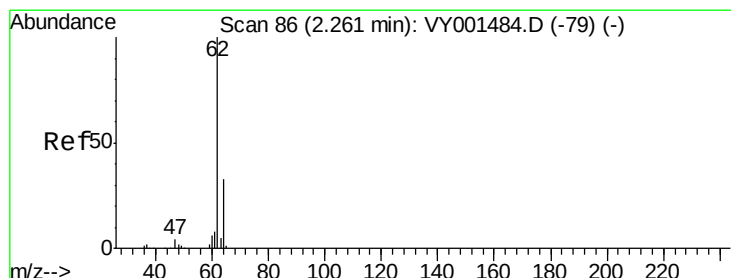
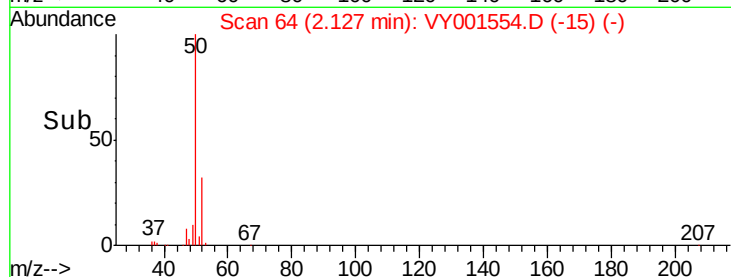
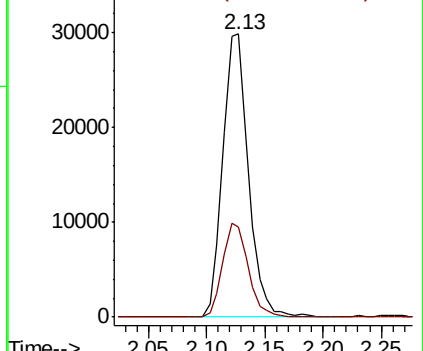
50 100

52 31.9 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: 23.028 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001554.D

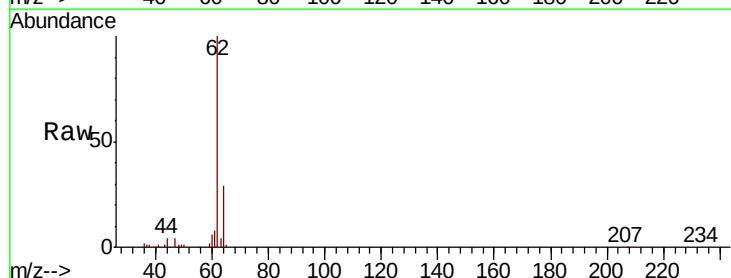
Acq: 07 Feb 2020 15:15

Tgt Ion: 62 Resp: 49597

Ion Ratio Lower Upper

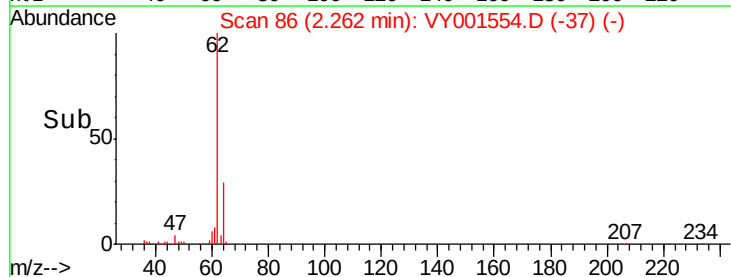
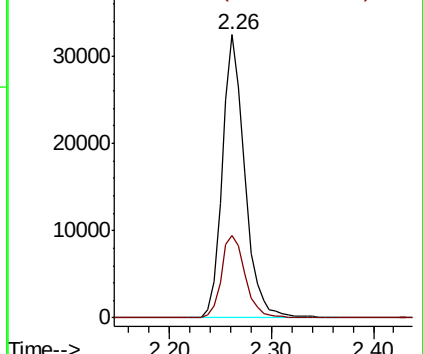
62 100

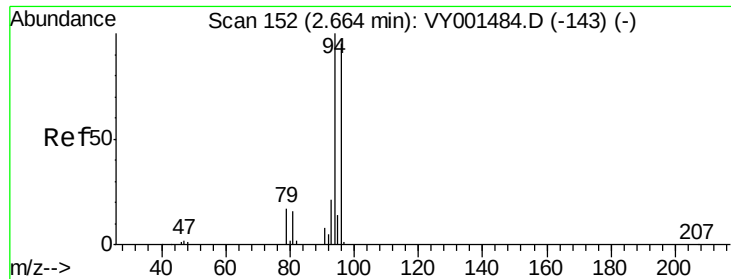
64 29.1 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 23.474 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

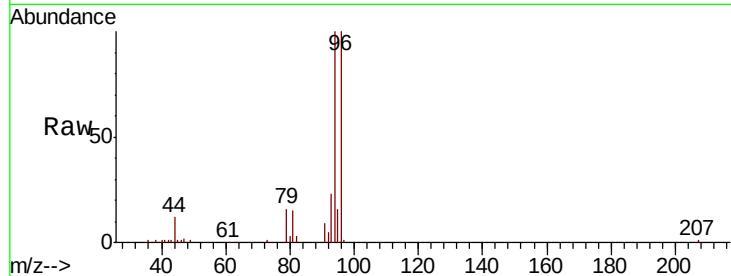
ClientSampleId :

Tot Ion: 94 Resp: 31796

Ion Ratio Lower Upper

94 100

96 100.1 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

15000

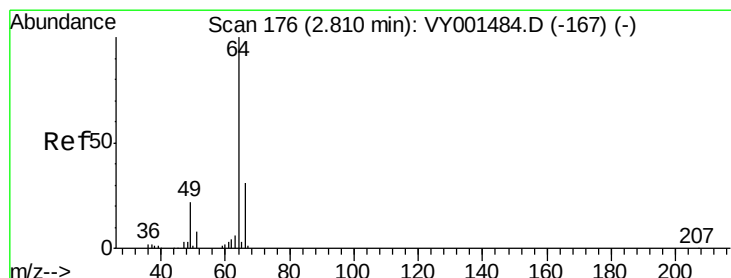
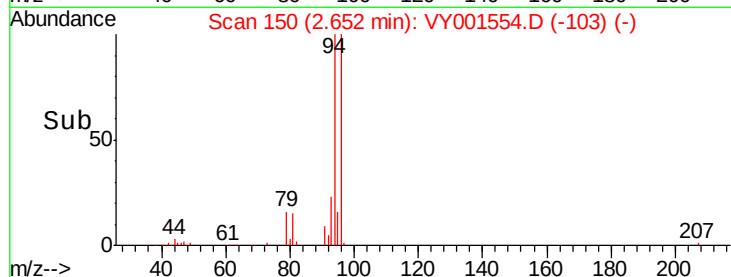
10000

5000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 23.560 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001554.D

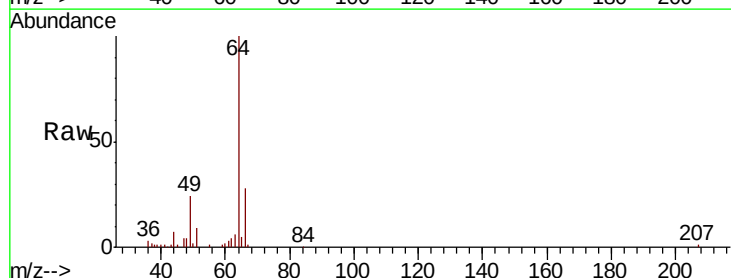
Acq: 07 Feb 2020 15:15

Tgt Ion: 64 Resp: 30586

Ion Ratio Lower Upper

64 100

66 28.4 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

15000

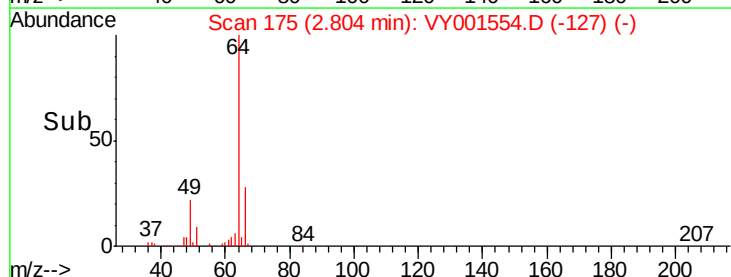
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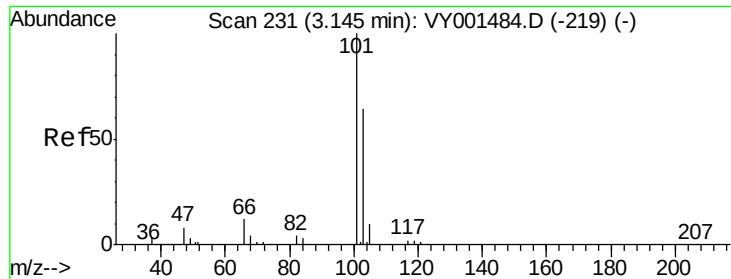
5000

0

2.70 2.80 2.90

Time-->



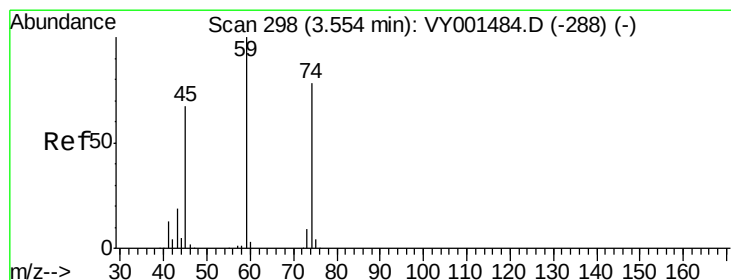
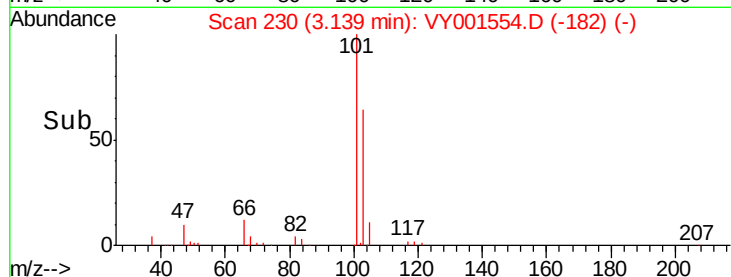
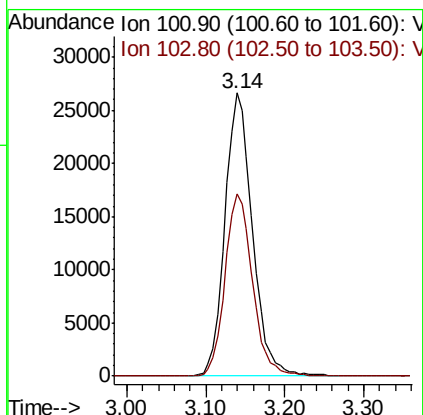
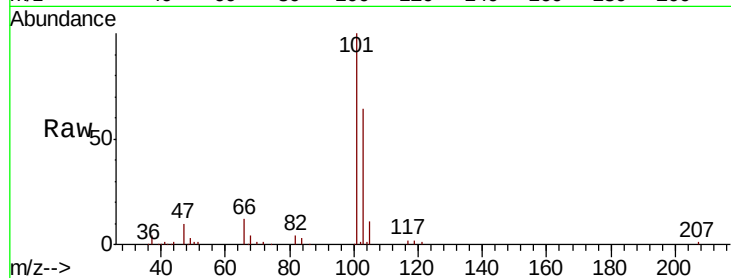


#7

Trichlorofluoromethane
 Concen: 18.116 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Instrument :
 MSVOA_Y
 ClientSampled :

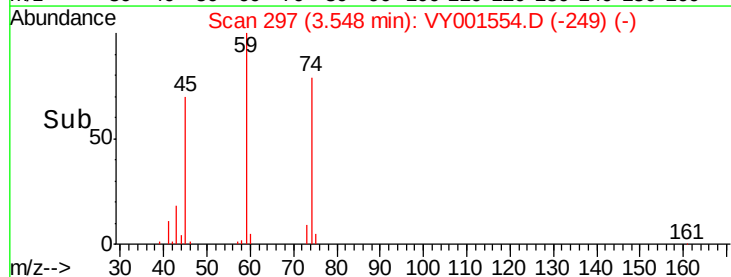
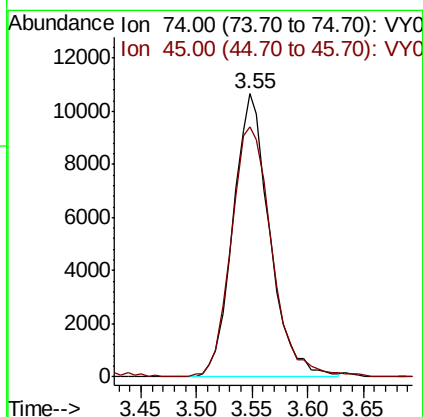
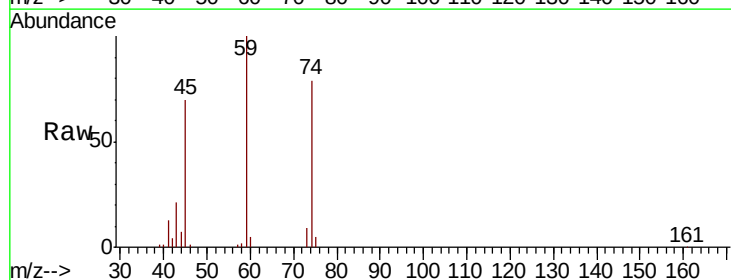
Tot Ion:101 Resp: 64583
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.9 76.3

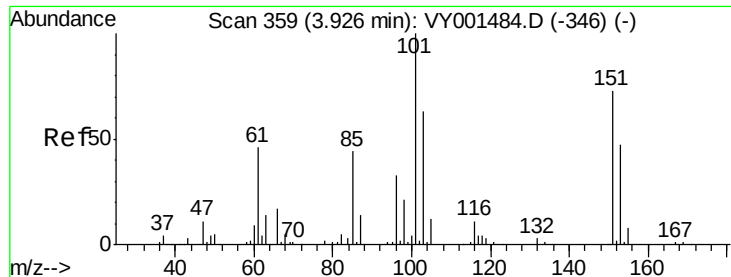


#8

Diethyl Ether
 Concen: 20.158 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion: 74 Resp: 24250
 Ion Ratio Lower Upper
 74 100
 45 98.7 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.729 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

ClientSampled :

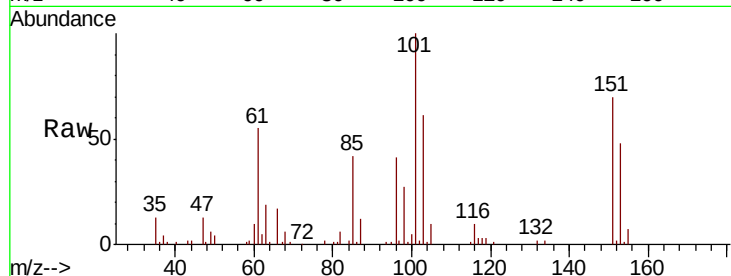
Tot Ion:101 Resp: 40173

Ion Ratio Lower Upper

101 100

85 43.6 34.6 51.8

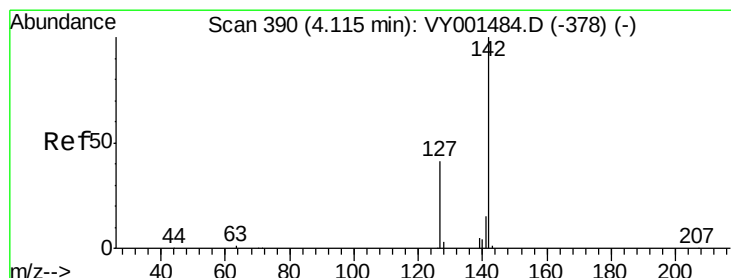
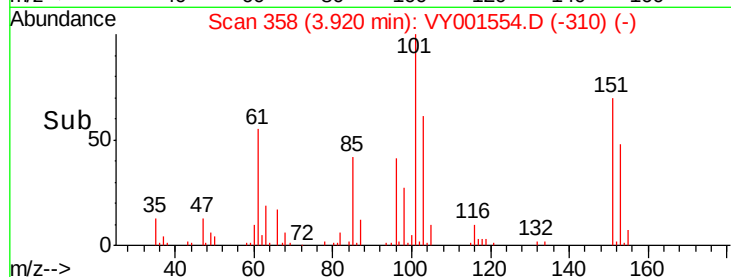
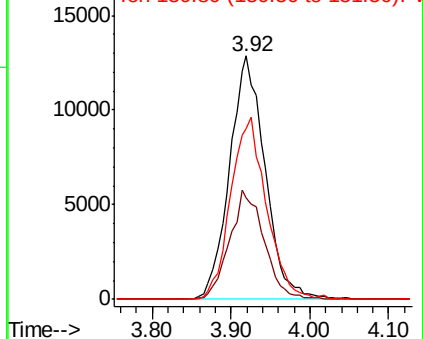
151 75.7 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.579 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

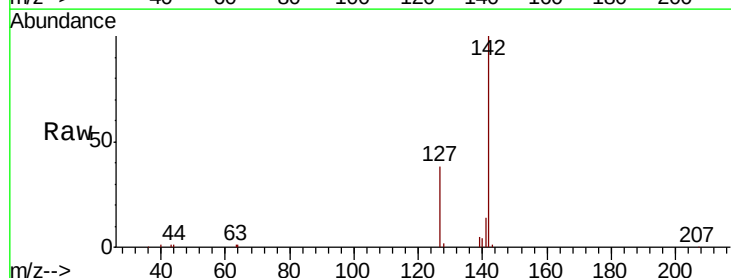
Tgt Ion:142 Resp: 48045

Ion Ratio Lower Upper

142 100

127 40.2 33.3 49.9

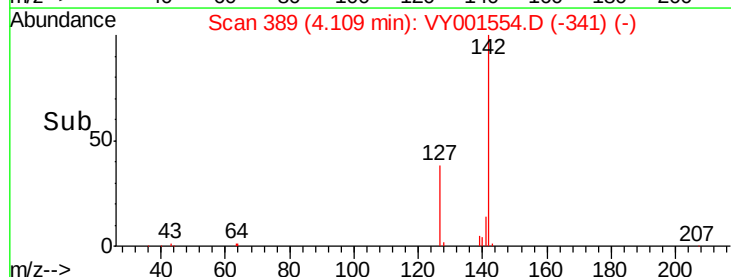
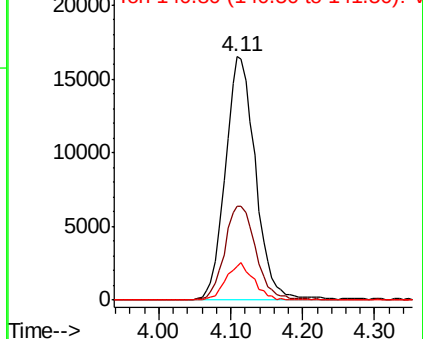
141 13.9 11.5 17.3

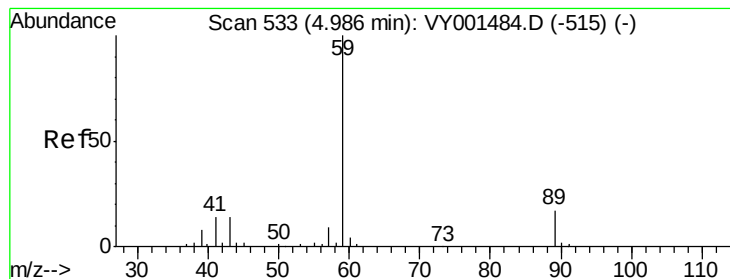


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



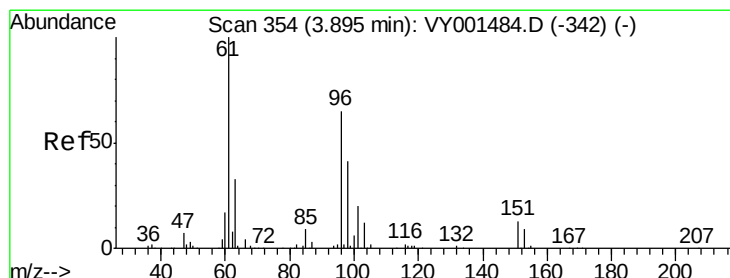
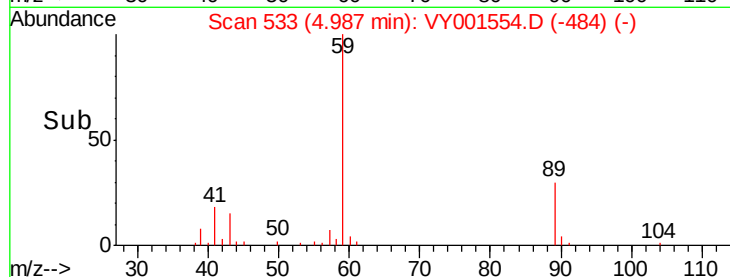
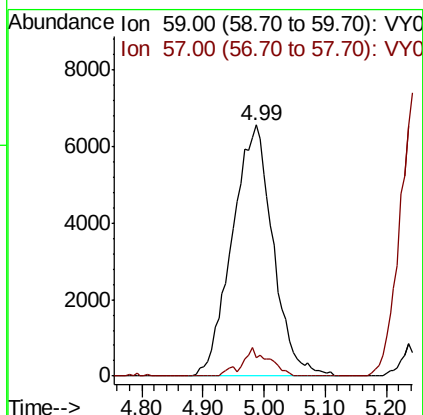
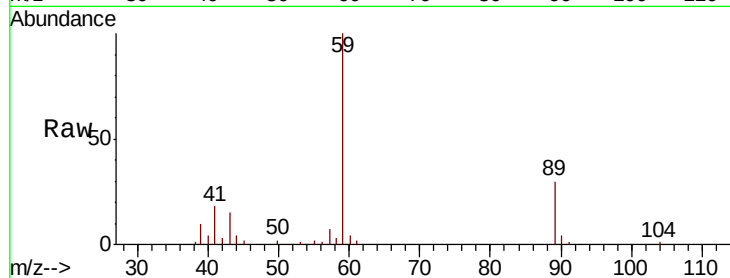


#11

Tert butyl alcohol
 Concen: 113.909 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :

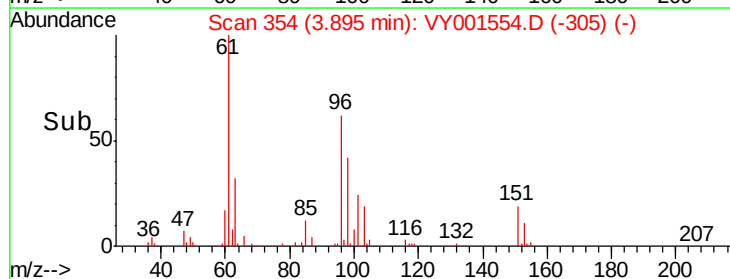
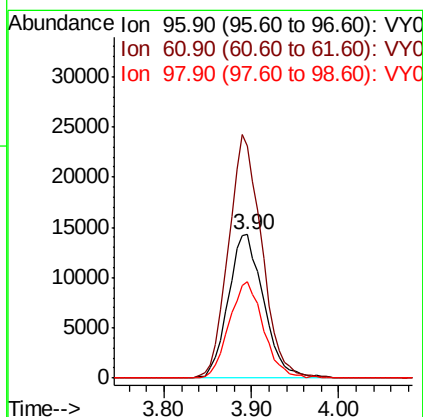
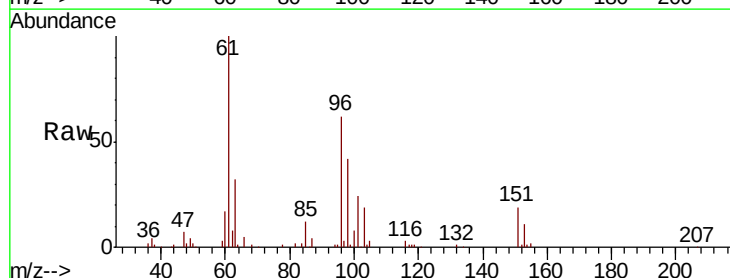
Tot Ion: 59 Resp: 30373
 Ion Ratio Lower Upper
 59 100
 57 7.5 7.0 10.6

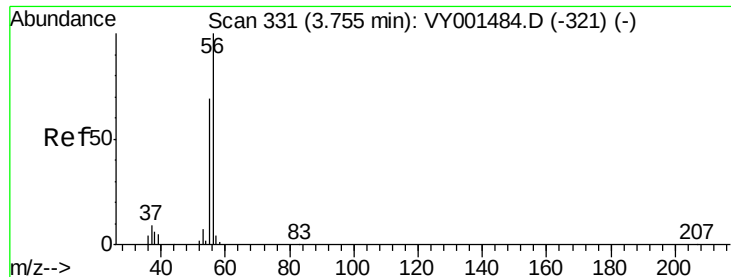


#12

1,1-Dichloroethene
 Concen: 18.839 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion: 96 Resp: 40156
 Ion Ratio Lower Upper
 96 100
 61 161.8 122.3 183.5
 98 67.4 49.7 74.5





#13

Acrolein

Concen: 106.050 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

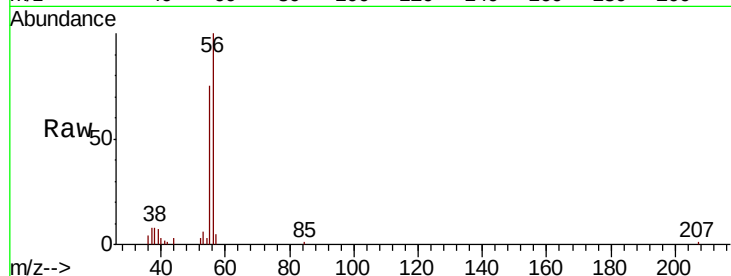
ClientSampled :

Tot Ion: 56 Resp: 20498

Ion Ratio Lower Upper

56 100

55 71.4 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

6000

4000

2000

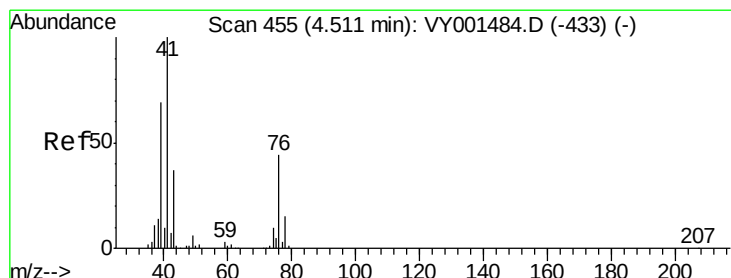
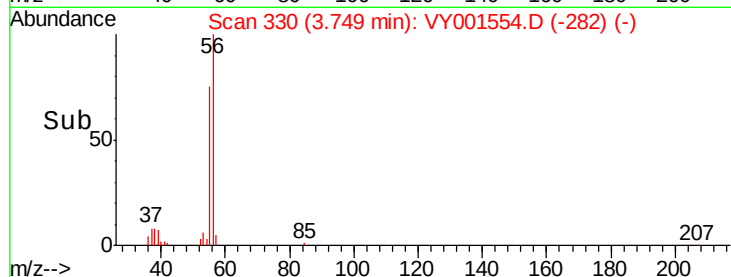
0

3.75

3.80

3.90

Time-->



#14

Allyl chloride

Concen: 21.896 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

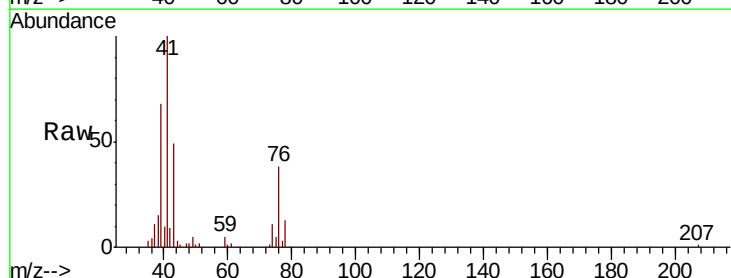
Tgt Ion: 41 Resp: 71398

Ion Ratio Lower Upper

41 100

39 65.1 53.0 79.6

76 35.6 32.6 48.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

25000

20000

15000

10000

5000

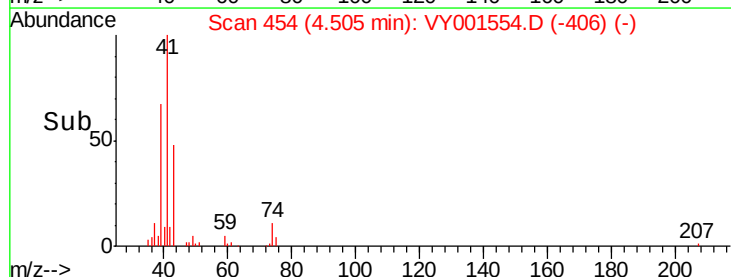
0

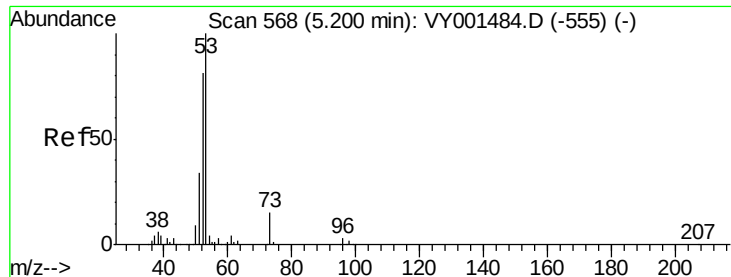
4.51

4.60

4.70

Time-->





#15

Acrylonitrile

Concen: 119.551 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

ClientSampled :

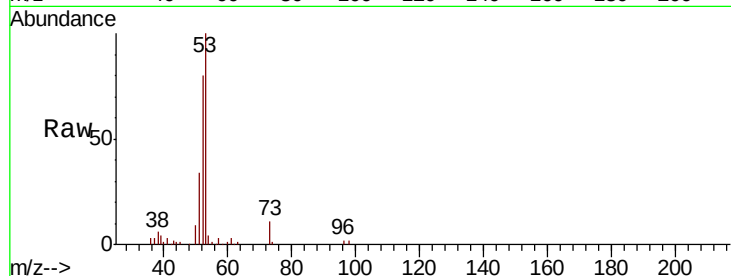
Tot Ion: 53 Resp: 65933

Ion Ratio Lower Upper

53 100

52 81.9 65.4 98.2

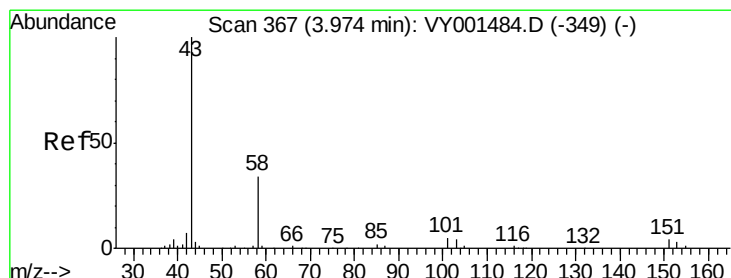
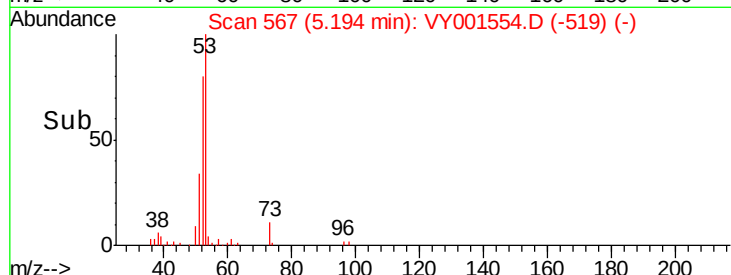
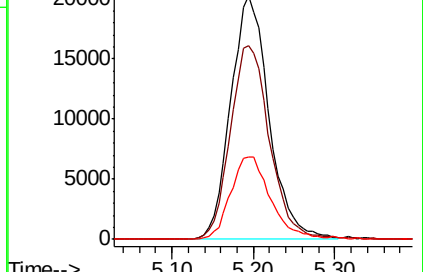
51 35.5 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY001554.D (-519) (-)

Ion 52.00 (51.70 to 52.70): VY001554.D (-519) (-)

Ion 51.00 (50.70 to 51.70): VY001554.D (-519) (-)



#16

Acetone

Concen: 106.790 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001554.D

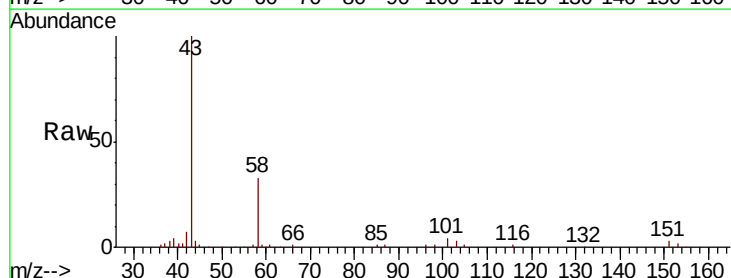
Acq: 07 Feb 2020 15:15

Tgt Ion: 43 Resp: 63056

Ion Ratio Lower Upper

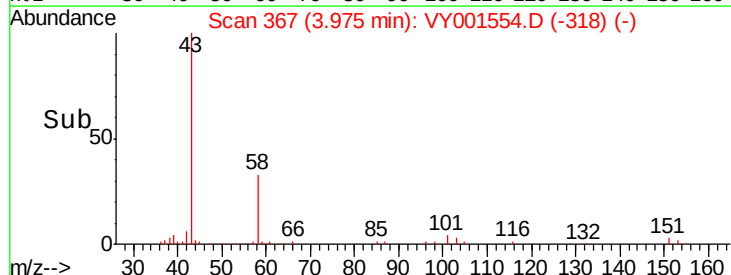
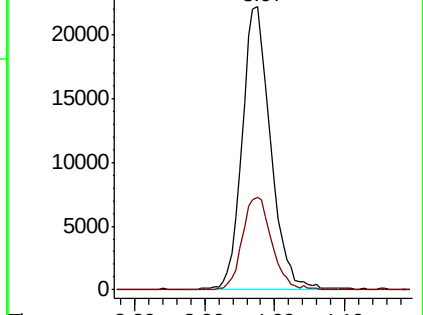
43 100

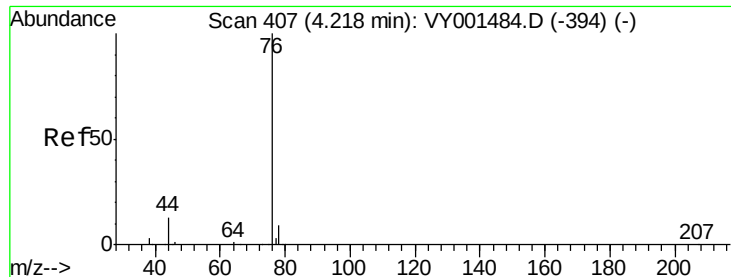
58 32.8 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001554.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001554.D (-318) (-)





#17

Carbon Disulfide

Concen: 19.499 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

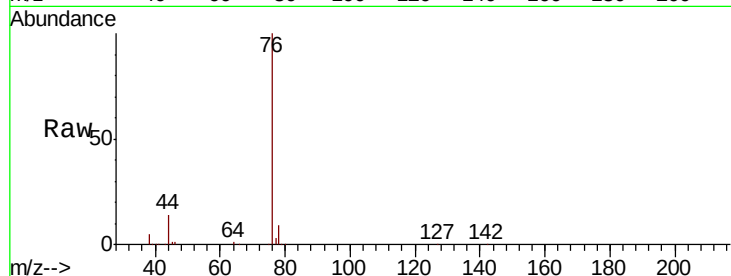
ClientSampleId :

Tot Ion: 76 Resp: 132314

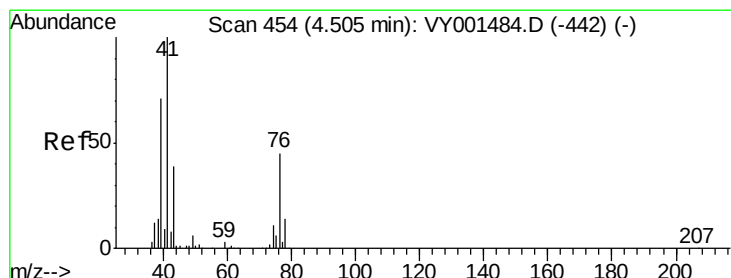
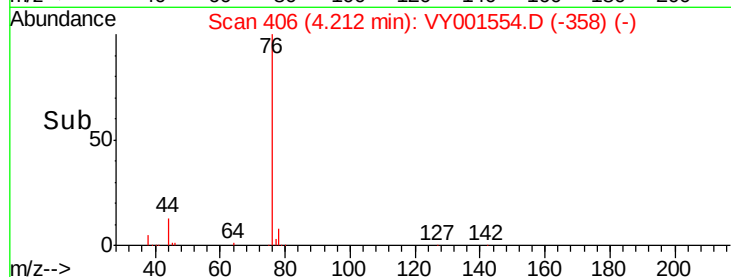
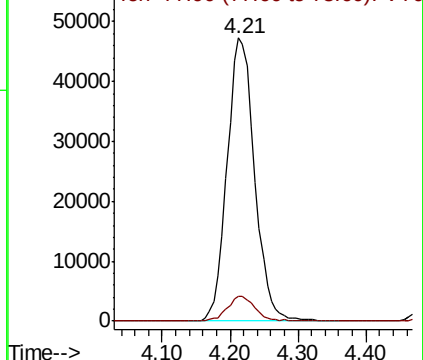
Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 25.612 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.00 min

Lab File: VY001554.D

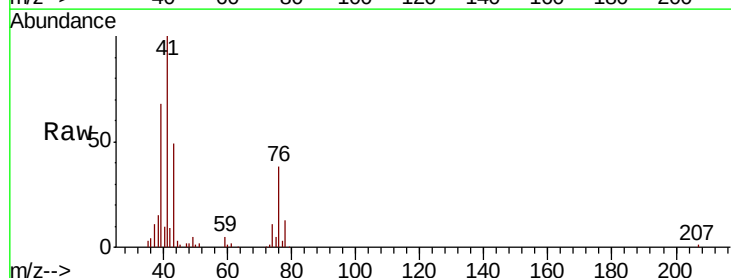
Acq: 07 Feb 2020 15:15

Tgt Ion: 43 Resp: 32272

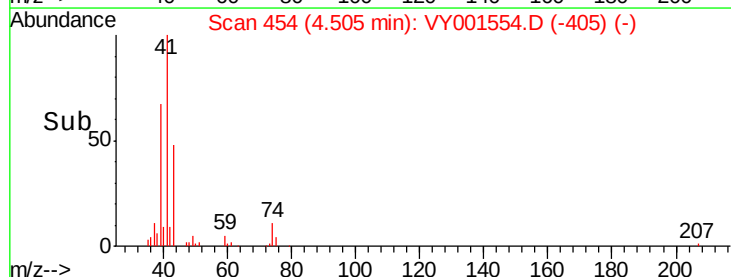
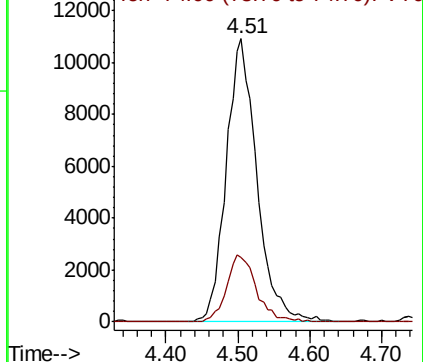
Ion Ratio Lower Upper

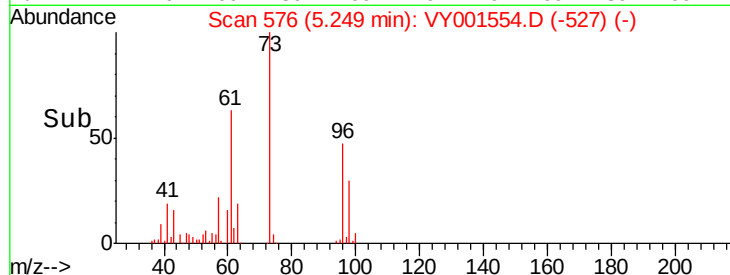
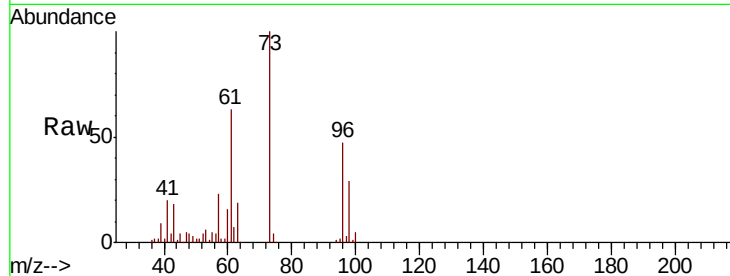
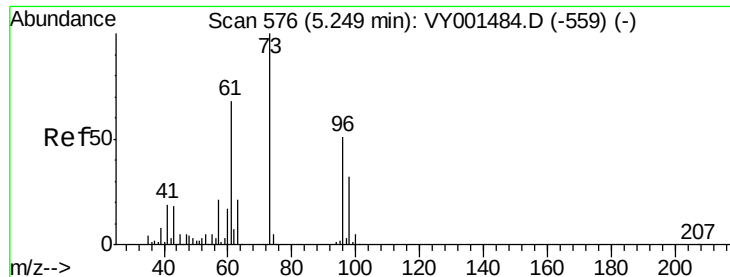
43 100

74 23.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

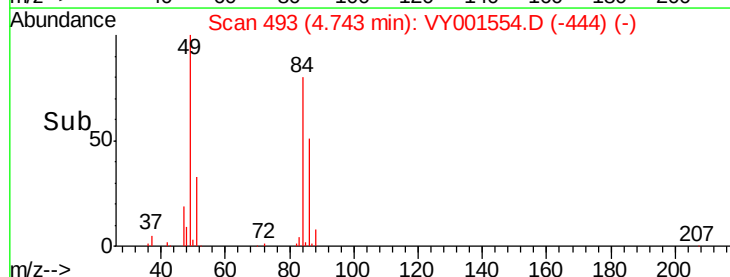
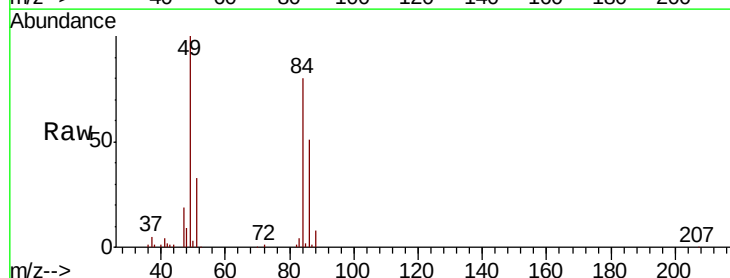
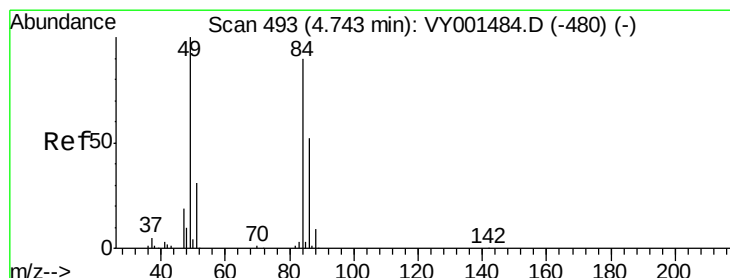
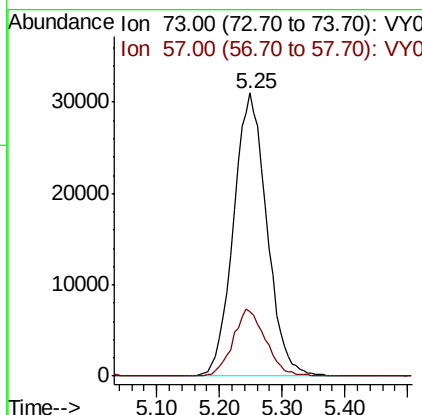




#19
Methyl tert-butyl Ether
Concen: 20.080 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

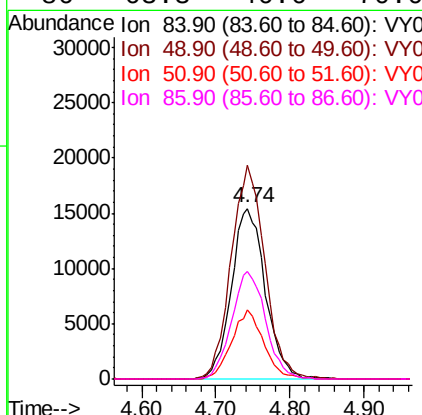
Tot Ion: 73 Resp: 113826
Ion Ratio Lower Upper
73 100
57 22.7 17.0 25.6

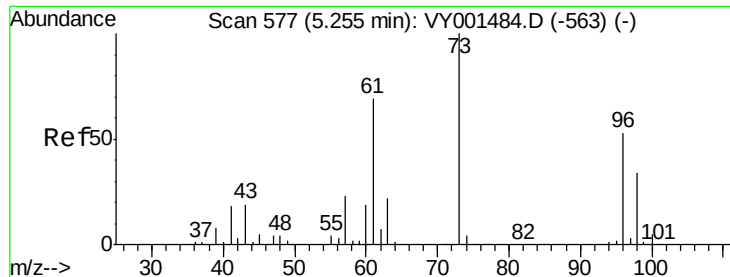
Instrument :
MSVOA_Y
ClientSampleId :



#20
Methylene Chloride
Concen: 18.422 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion: 84 Resp: 49493
Ion Ratio Lower Upper
84 100
49 125.3 89.0 133.6
51 40.9 27.4 41.2
86 63.3 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 19.329 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

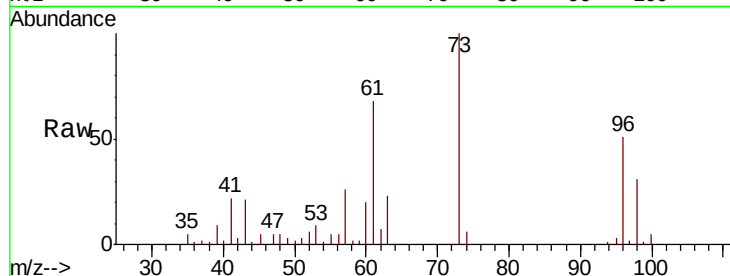
Tot Ion: 96 Resp: 45802

Ion Ratio Lower Upper

96 100

61 133.3 104.2 156.4

98 61.3 51.4 77.0

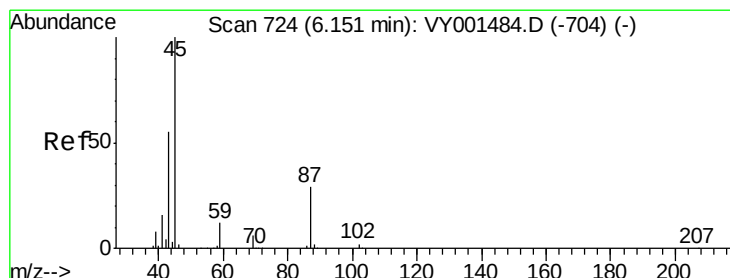
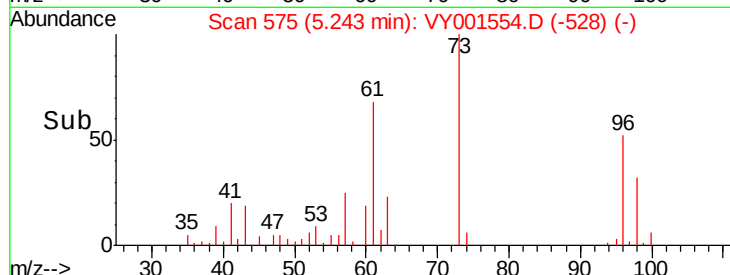
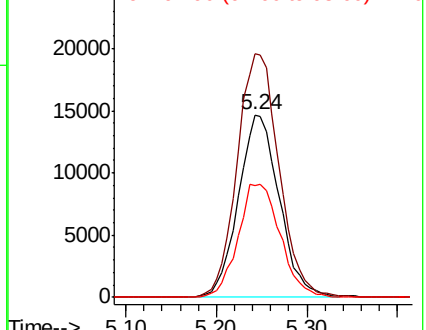


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.481 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Tgt Ion: 45 Resp: 145231

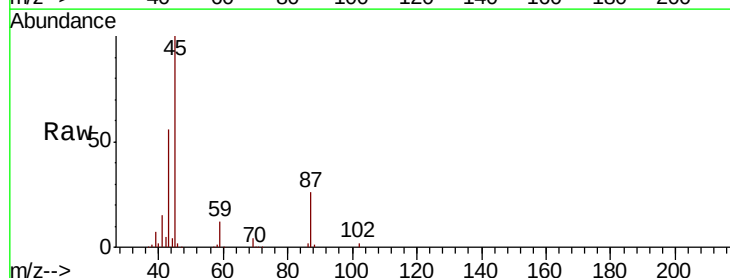
Ion Ratio Lower Upper

45 100

43 55.7 44.2 66.4

87 26.4 23.9 35.9

59 11.7 10.2 15.2



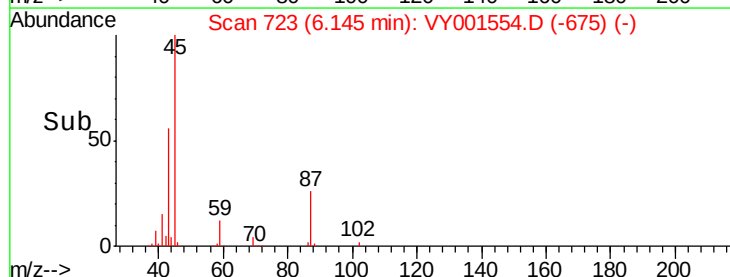
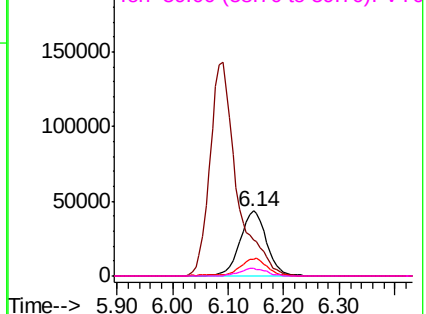
Abundance

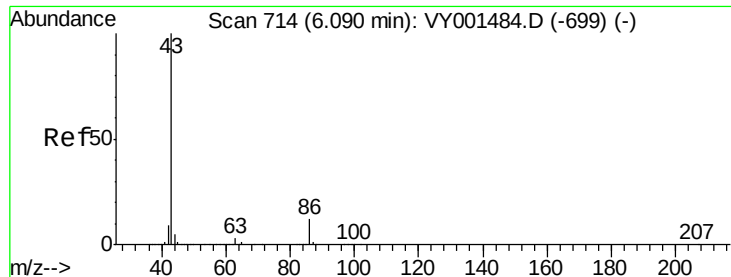
Ion 45.00 (44.70 to 45.70): VY0

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: 116.630 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

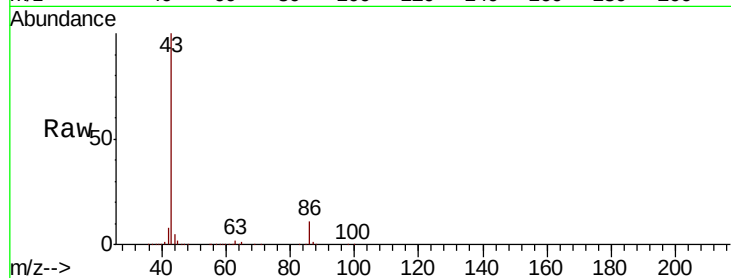
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 479646

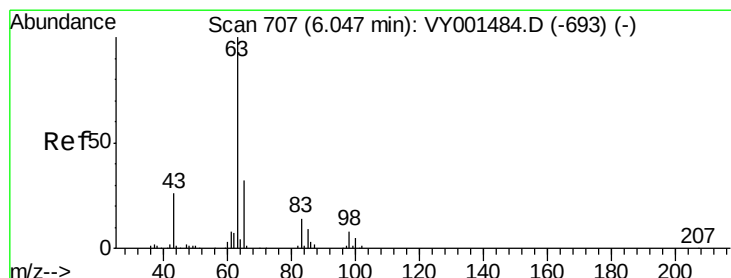
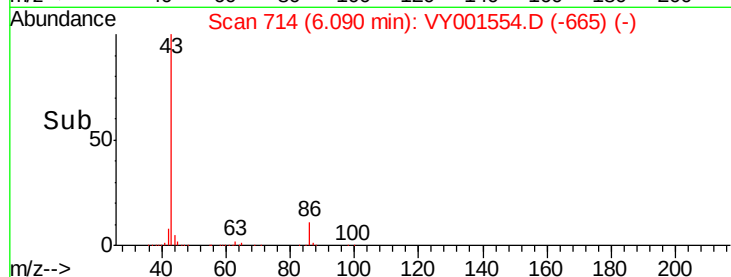
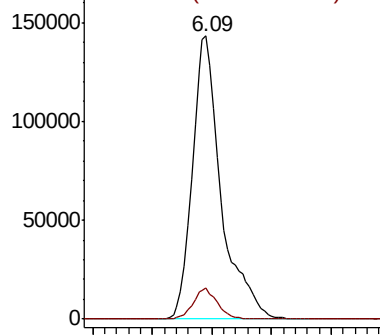
Ion Ratio Lower Upper

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: 20.405 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

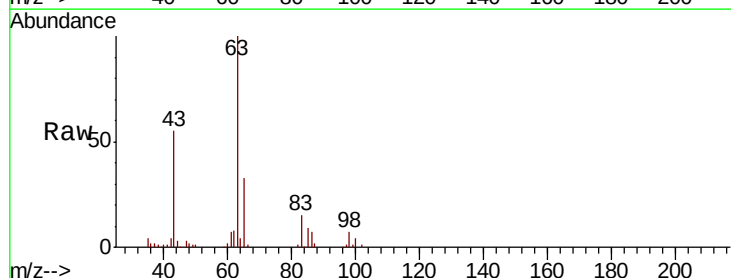
Tgt Ion: 63 Resp: 79290

Ion Ratio Lower Upper

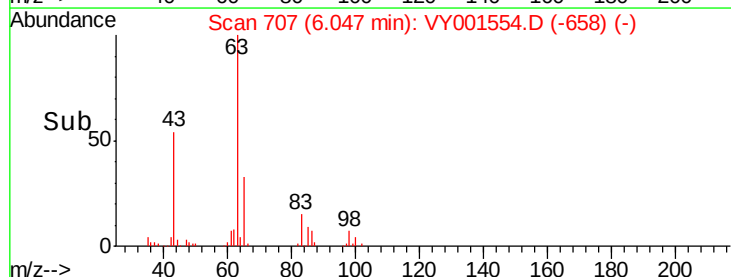
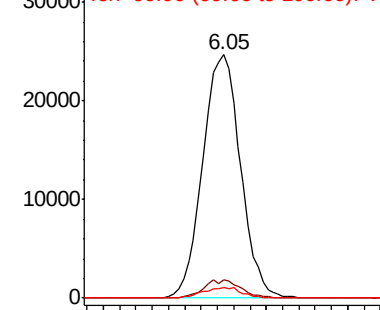
63 100

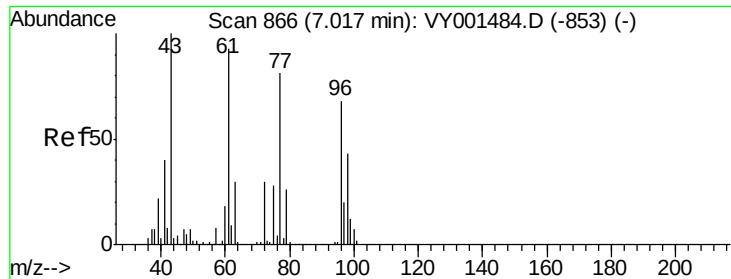
98 7.4 4.0 11.9

100 4.3 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: 120.744 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

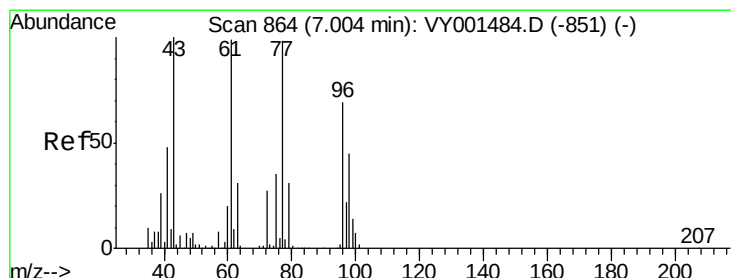
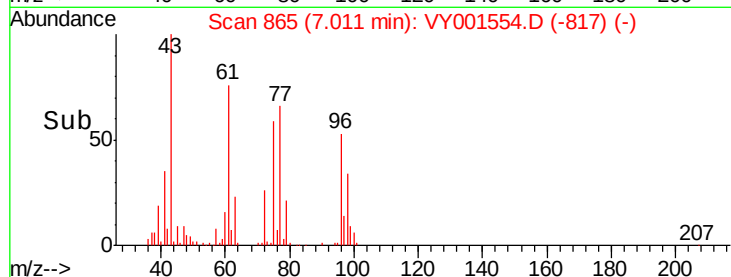
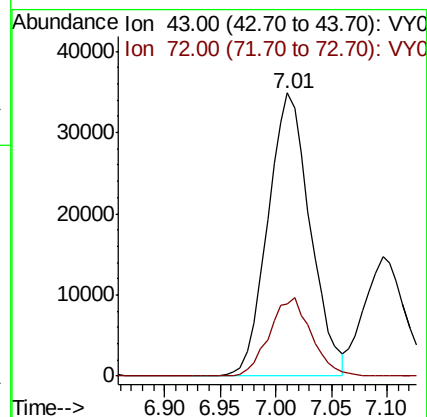
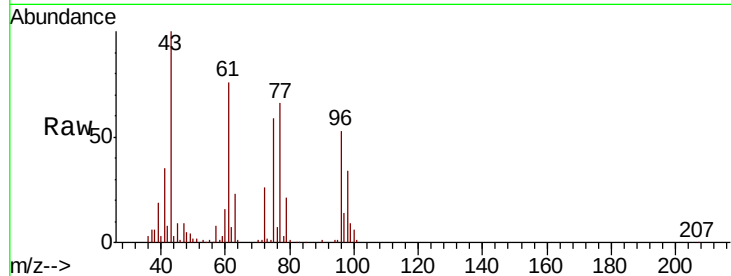
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 92494

Ion Ratio Lower Upper

43 100

72 25.7 23.8 35.8



#26

2,2-Dichloropropane

Concen: 18.952 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY001554.D

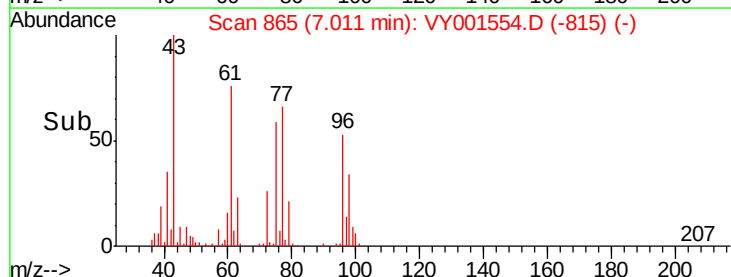
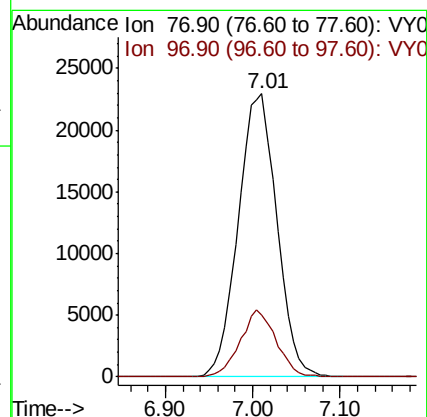
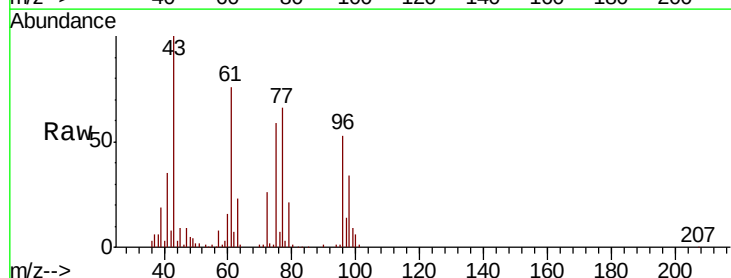
Acq: 07 Feb 2020 15:15

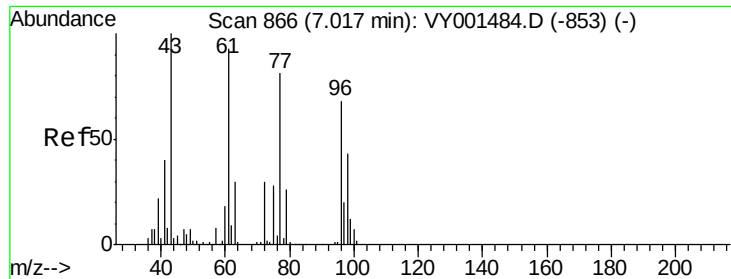
Tgt Ion: 77 Resp: 70482

Ion Ratio Lower Upper

77 100

97 22.2 11.7 35.0



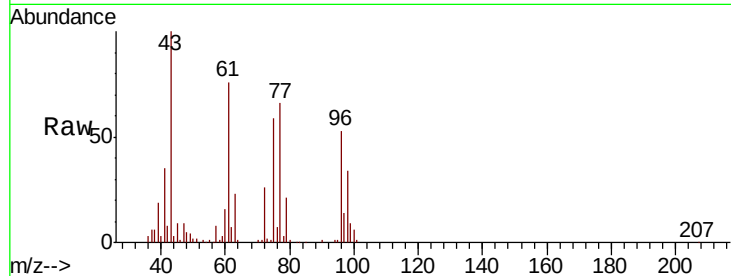


#27

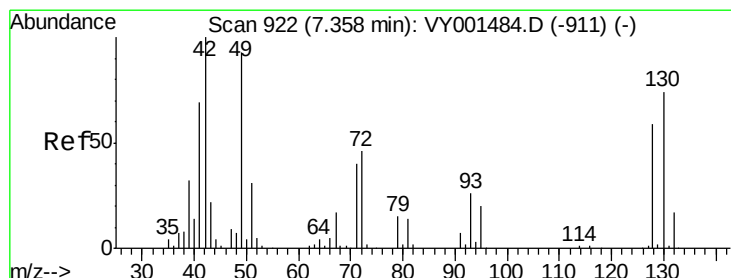
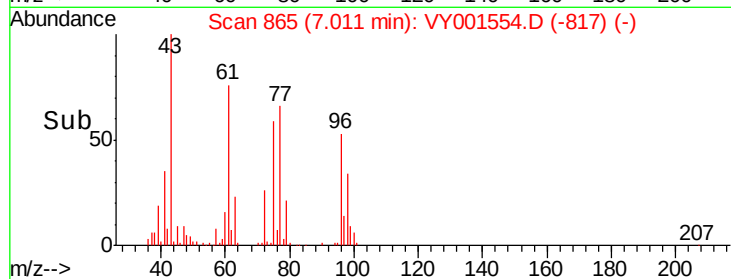
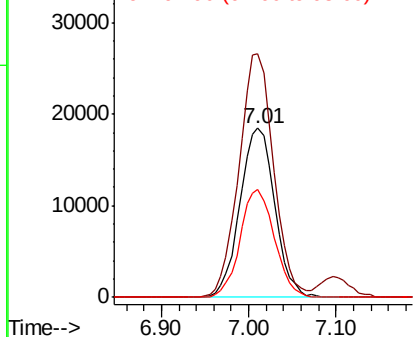
cis-1,2-Dichloroethene
 Concen: 19.761 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 51144
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 278.8
 98 63.1 0.0 128.8



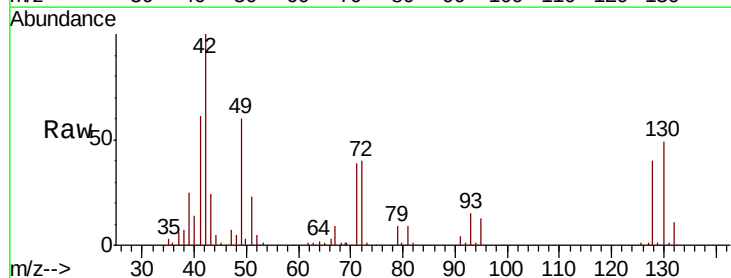
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



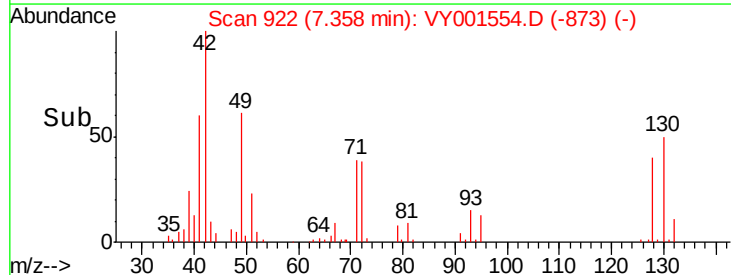
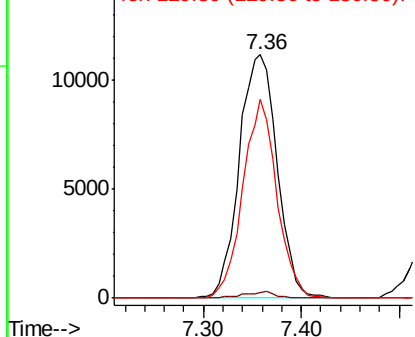
#28

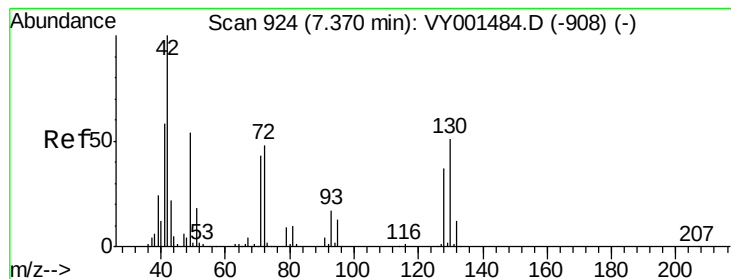
Bromochloromethane
 Concen: 22.612 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion: 49 Resp: 29933
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 73.0 65.4 98.2



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





#29

Tetrahydrofuran

Concen: 128.403 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :
MSVOA_Y
ClientSampled :

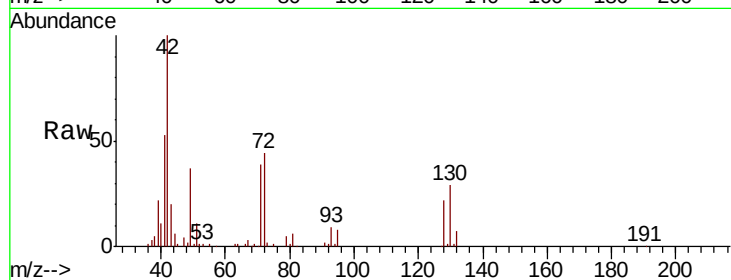
Tot Ion: 42 Resp: 58955

Ion Ratio Lower Upper

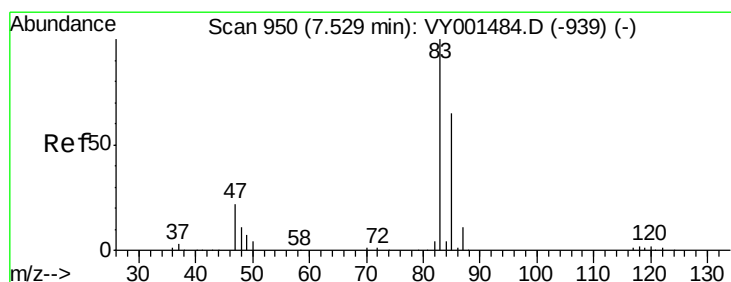
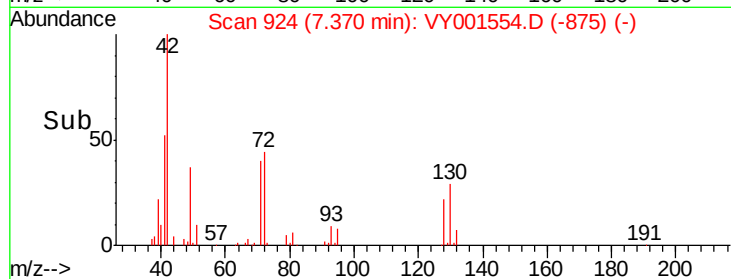
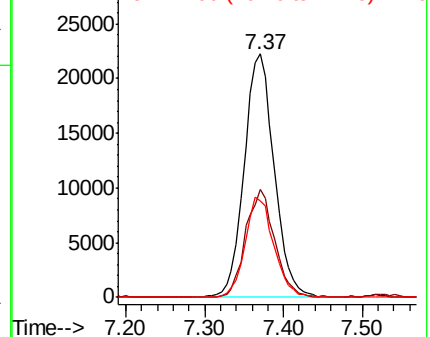
42 100

72 42.7 37.8 56.6

71 39.3 34.8 52.2



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



#30

Chloroform

Concen: 19.189 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.00 min

Lab File: VY001554.D

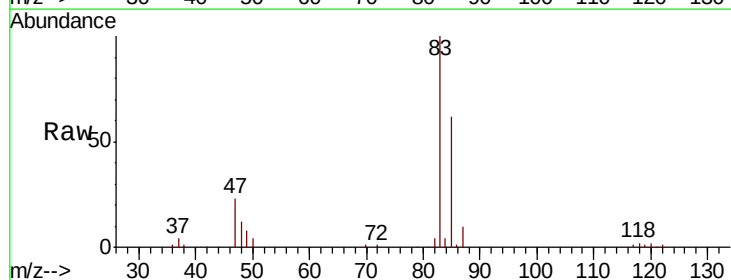
Acq: 07 Feb 2020 15:15

Tgt Ion: 83 Resp: 75528

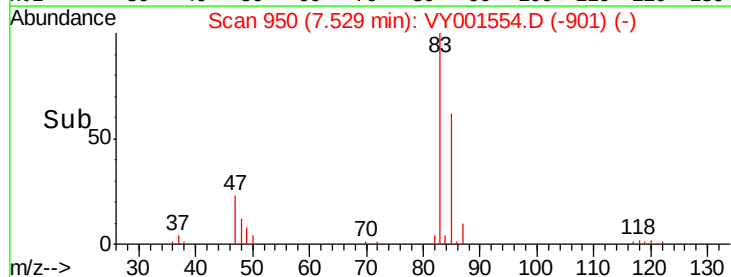
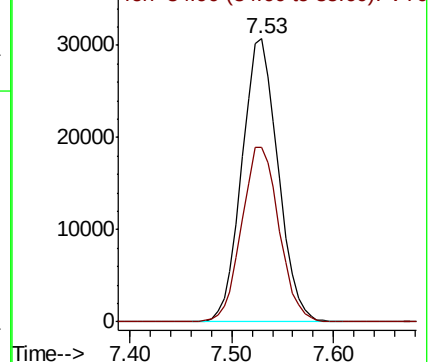
Ion Ratio Lower Upper

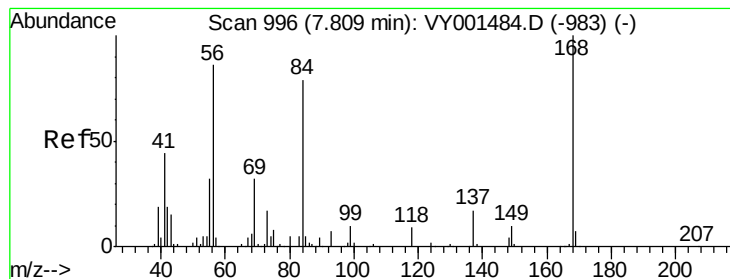
83 100

85 61.9 52.4 78.6



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





#31

Cyclohexane

Concen: 21.320 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :
MSVOA_Y
ClientSampled :

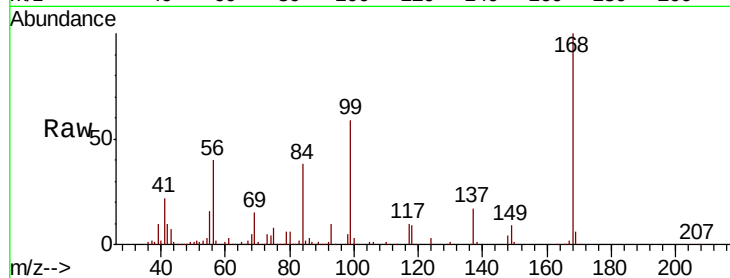
Tot Ion: 56 Resp: 84742

Ion Ratio Lower Upper

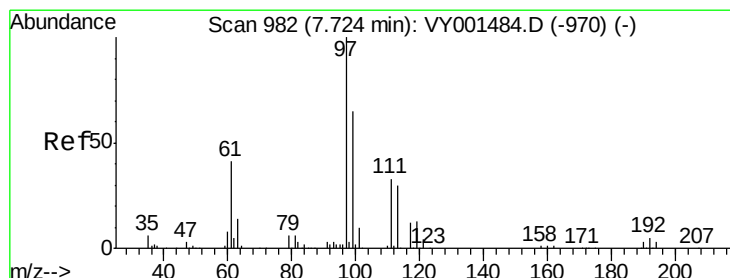
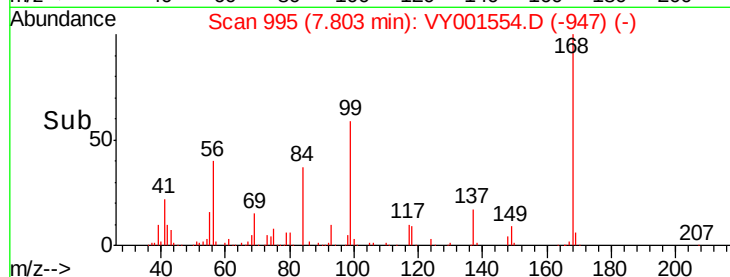
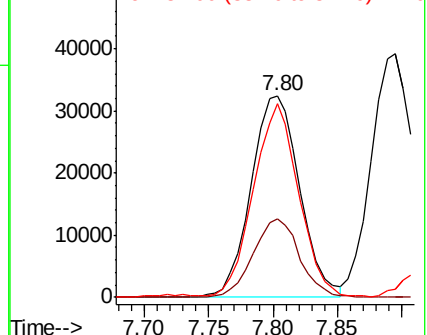
56 100

69 38.7 29.6 44.4

84 94.9 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 18.658 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

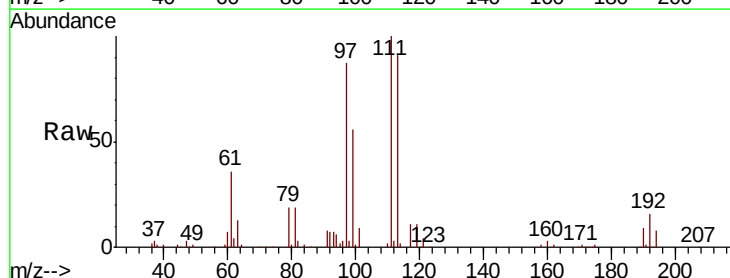
Tgt Ion: 97 Resp: 66585

Ion Ratio Lower Upper

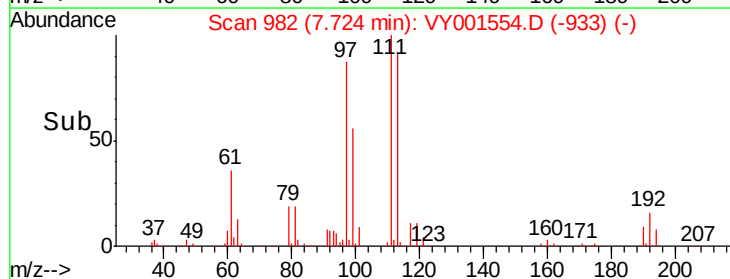
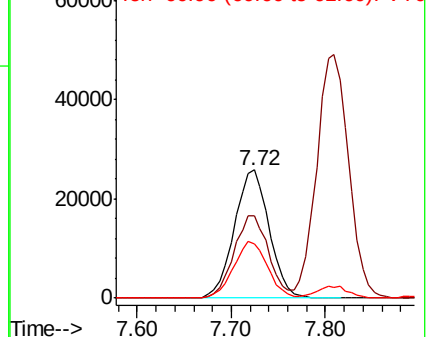
97 100

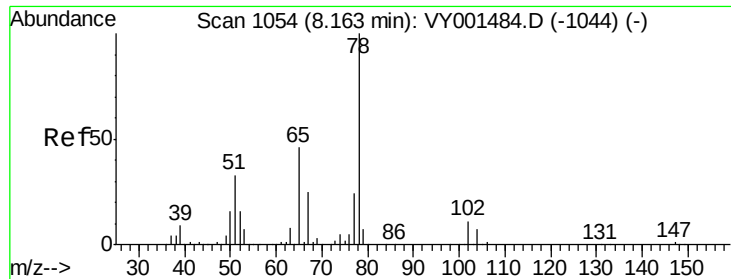
99 63.5 51.8 77.8

61 43.1 32.5 48.7



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

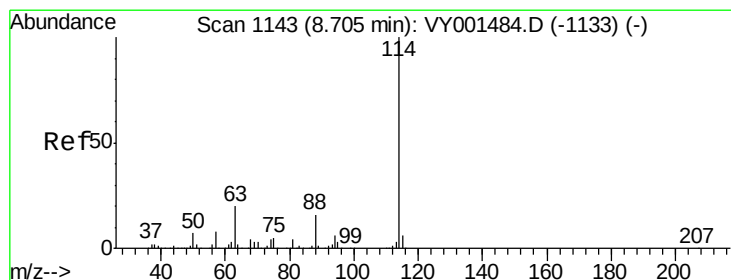
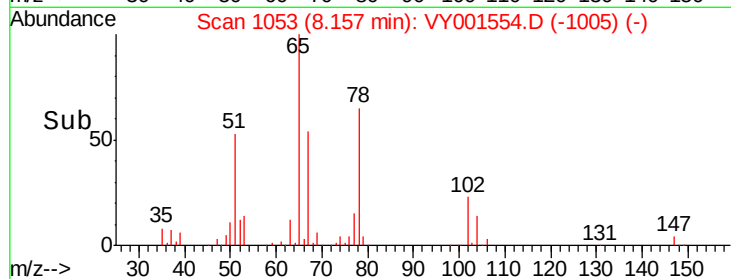
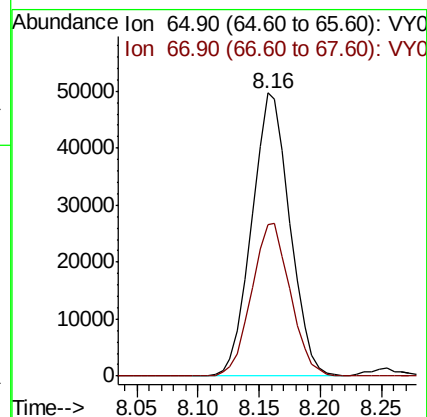
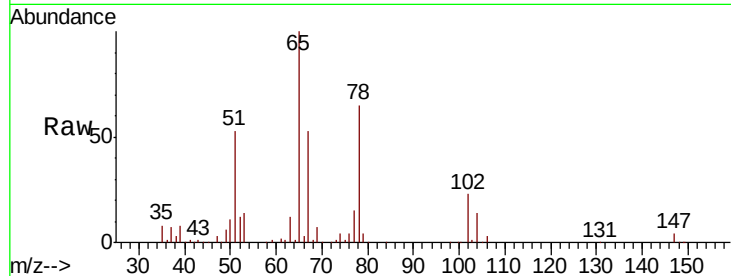




#33
 1,2-Dichloroethane-d4
 Concen: 52.738 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

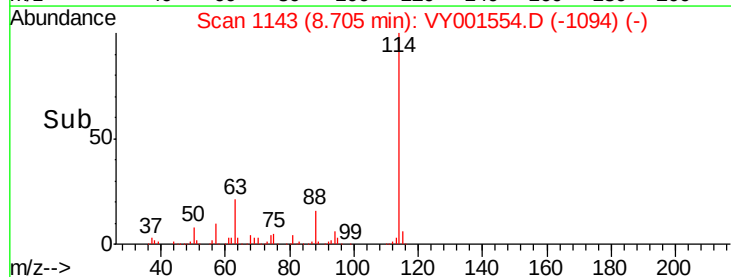
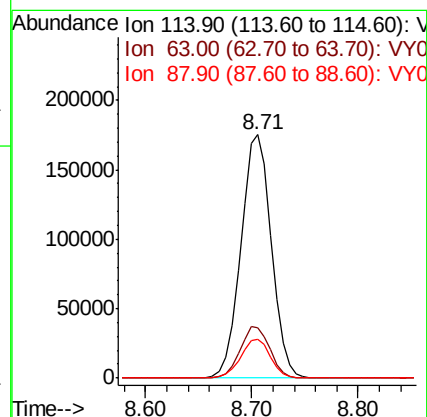
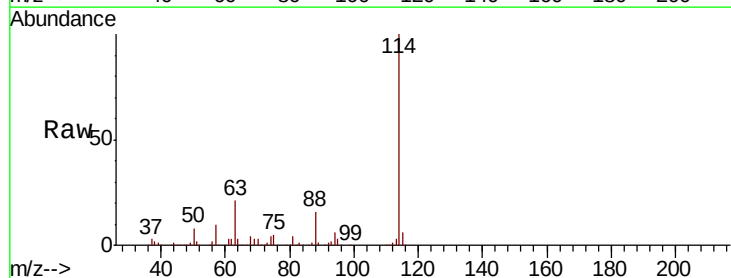
Instrument :
 MSVOA_Y
 ClientSampled :

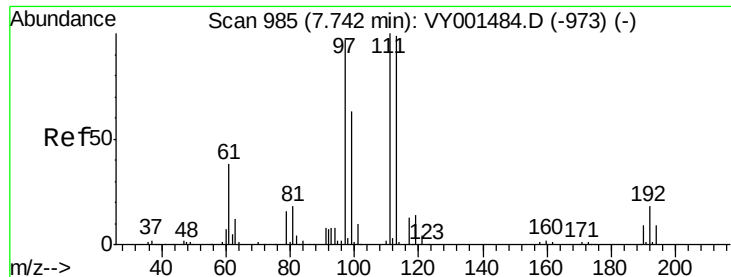
Tot Ion: 65 Resp: 107653
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion: 114 Resp: 351178
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.8
 88 16.1 0.0 32.6

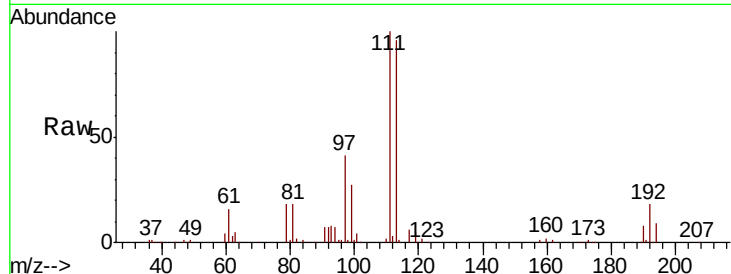




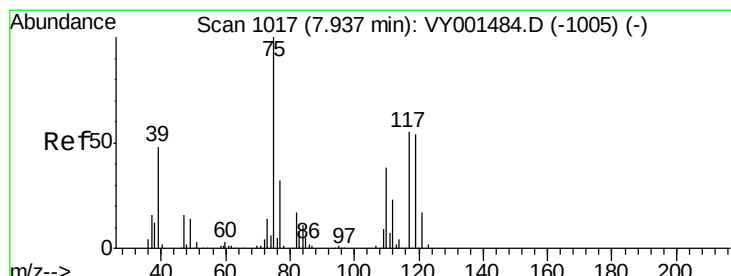
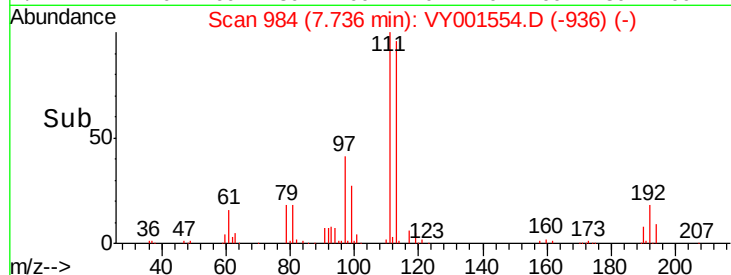
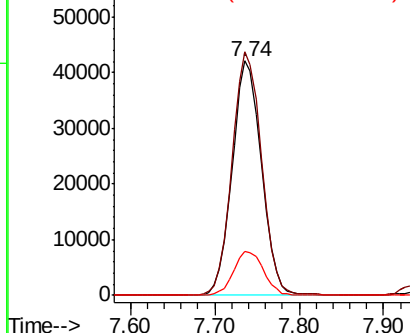
#35
 Dibromofluoromethane
 Concen: 48.798 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 98819
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 19.1 14.6 22.0

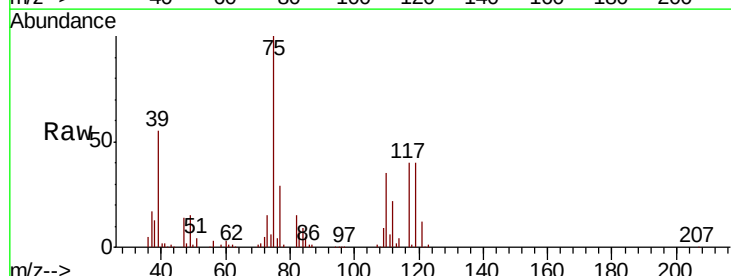


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

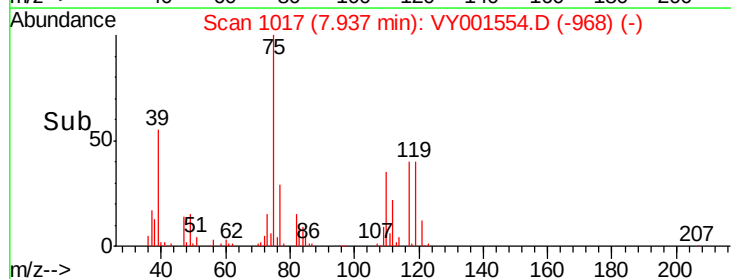
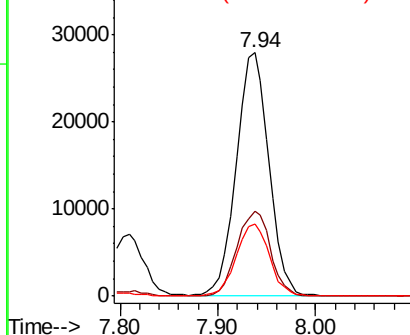


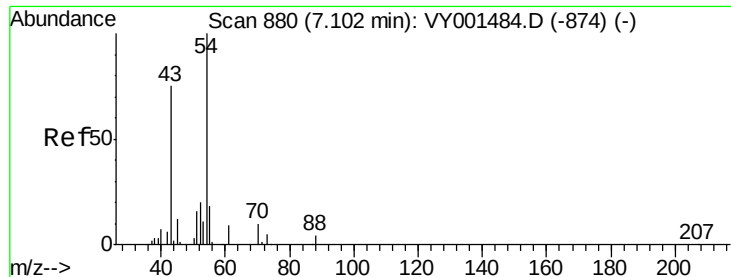
#36
 1,1-Dichloropropene
 Concen: 20.154 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion: 75 Resp: 64748
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.2 54.6
 77 30.1 25.0 37.4



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

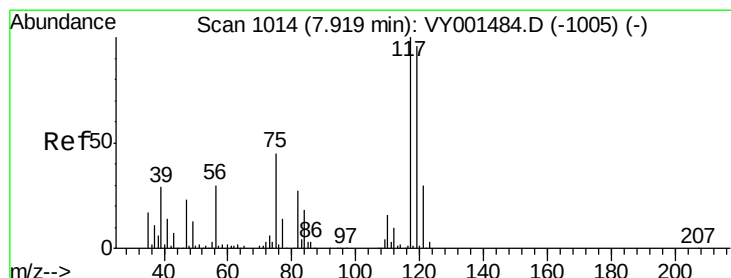
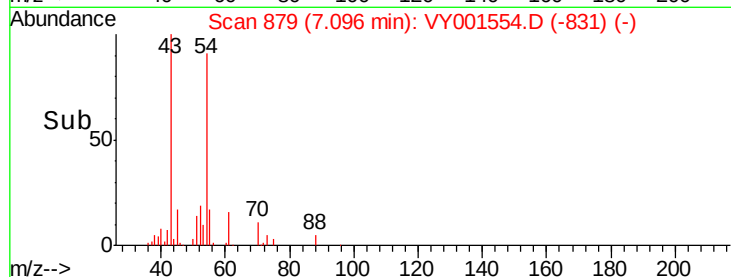
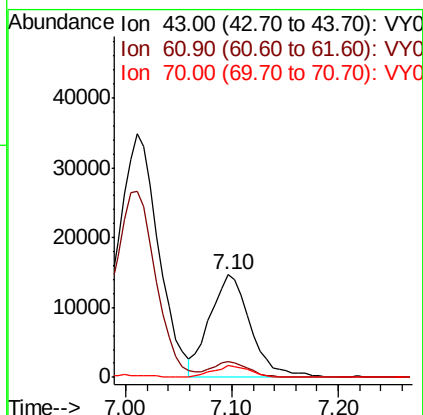
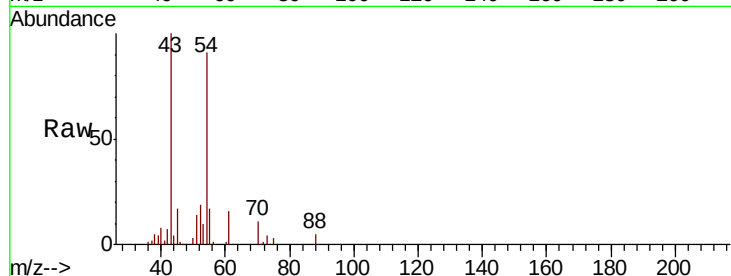




#37
Ethyl Acetate
Concen: 24.822 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

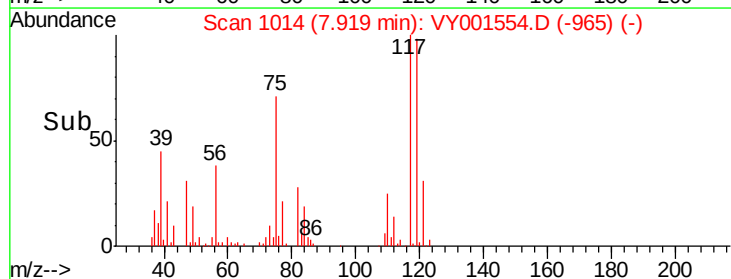
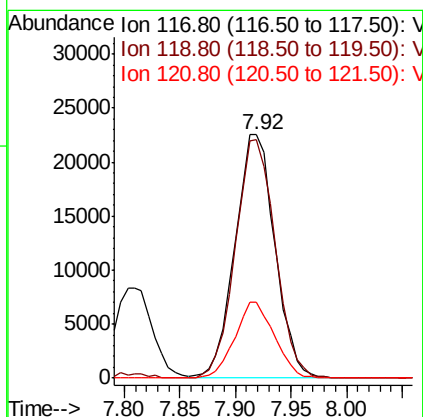
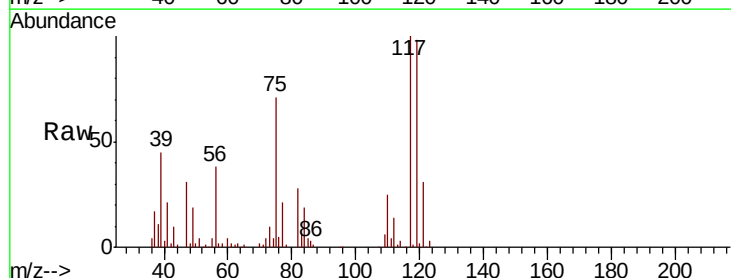
Instrument :
MSVOA_Y
ClientSampled :

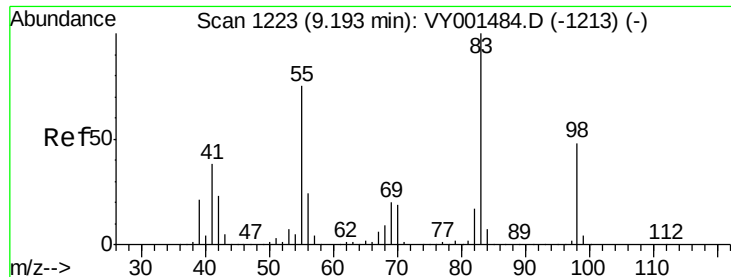
Tot Ion: 43 Resp: 38603
Ion Ratio Lower Upper
43 100
61 13.8 12.0 18.0
70 10.8 10.2 15.4



#38
Carbon Tetrachloride
Concen: 18.089 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion: 117 Resp: 56223
Ion Ratio Lower Upper
117 100
119 98.2 76.4 114.6
121 31.2 24.2 36.4

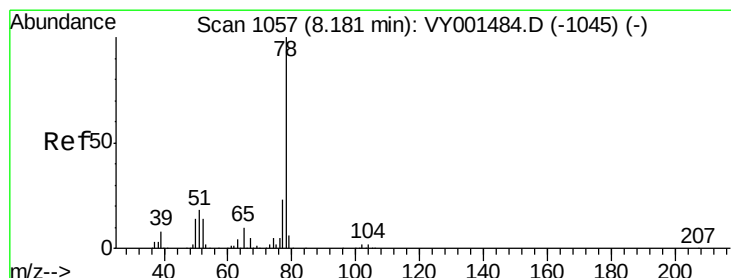
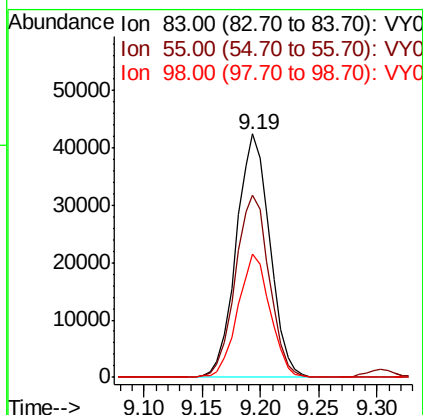
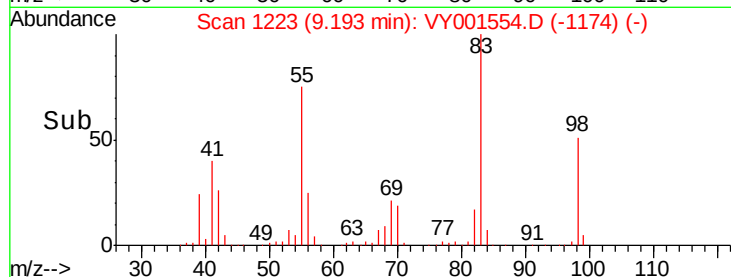
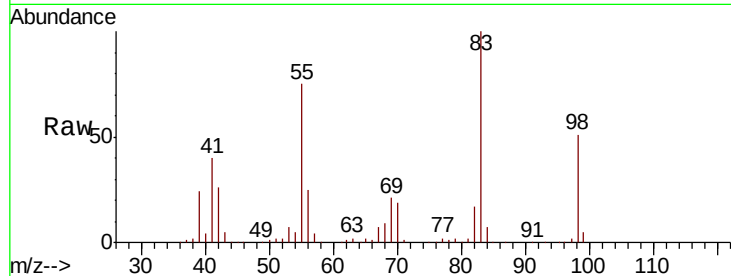




#39
Methylvlcyclohexane
Concen: 20.126 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

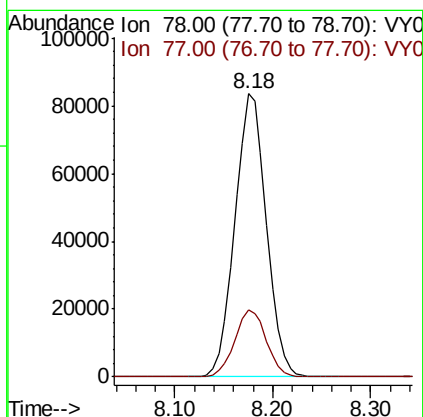
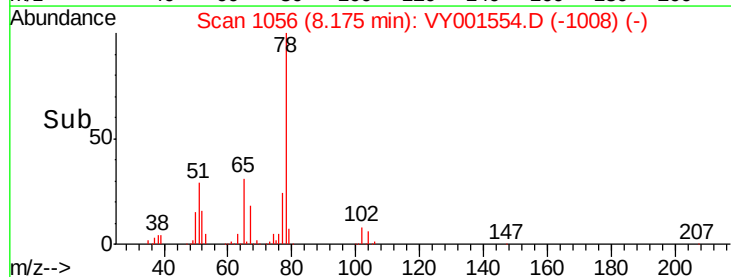
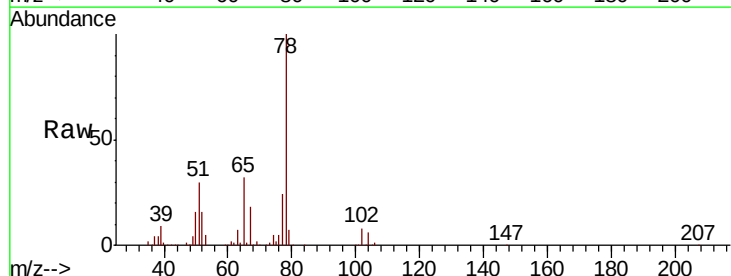
Instrument :
MSVOA_Y
ClientSampled :

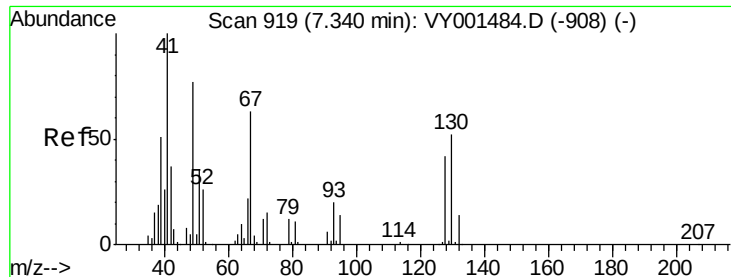
Tot Ion: 83 Resp: 85137
Ion Ratio Lower Upper
83 100
55 75.0 59.8 89.6
98 50.5 38.6 57.8



#40
Benzene
Concen: 20.280 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion: 78 Resp: 185833
Ion Ratio Lower Upper
78 100
77 23.8 18.5 27.7





#41

Methacrylonitrile

Concen: 72.616 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.03 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 52341

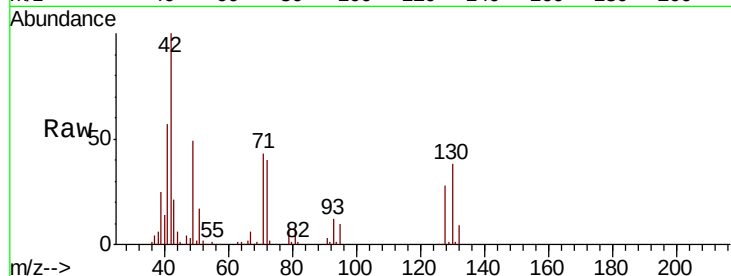
Ion Ratio Lower Upper

41 100

39 29.4 116.8 175.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

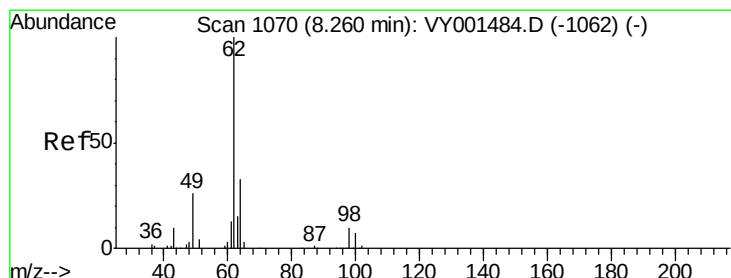
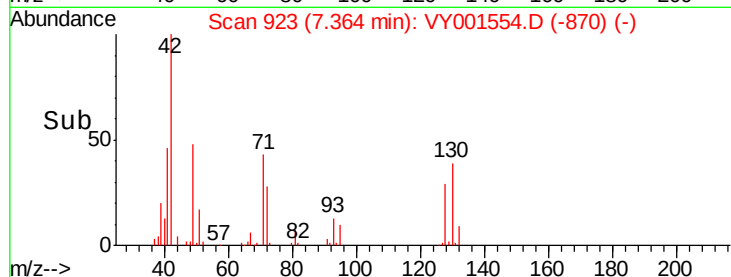
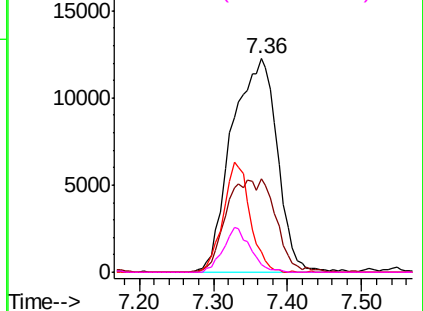


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 19.769 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY001554.D

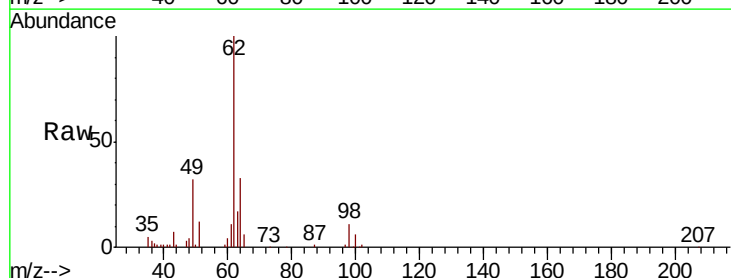
Acq: 07 Feb 2020 15:15

Tgt Ion: 62 Resp: 50469

Ion Ratio Lower Upper

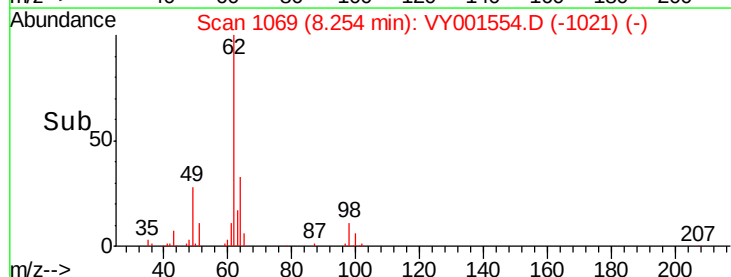
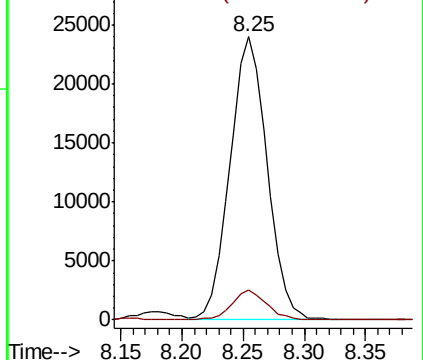
62 100

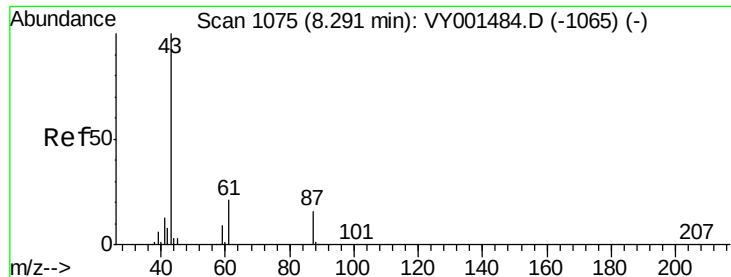
98 9.7 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 23.908 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

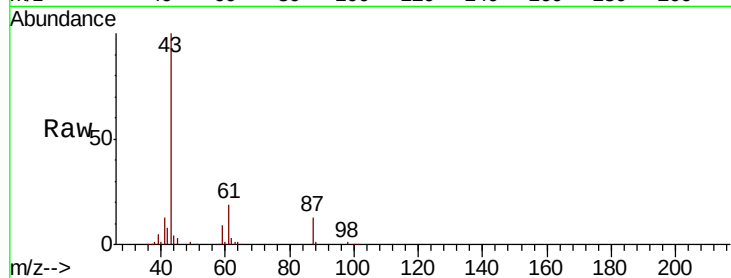
Tot Ion: 43 Resp: 73619

Ion Ratio Lower Upper

43 100

61 28.5 25.1 37.7

87 12.8 12.6 19.0

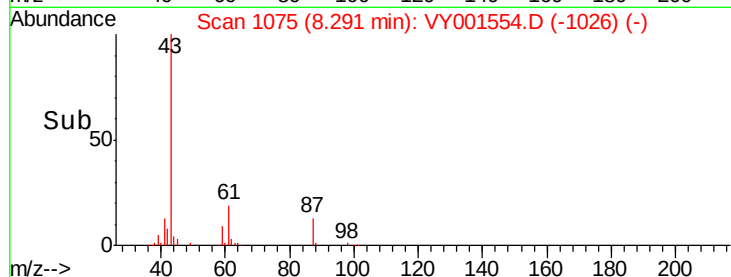


Abundance Ion 43.00 (42.70 to 43.70): VY001554.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY001554.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY001554.D (-1065) (-)

Time-->



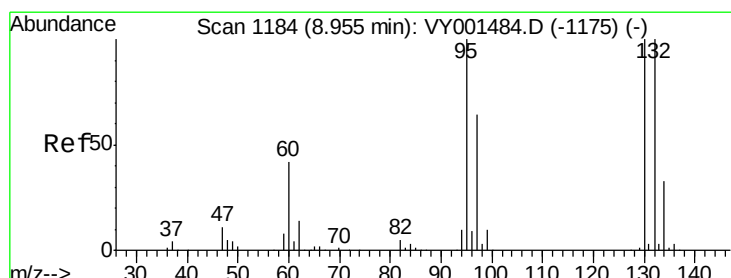
Abundance

Ion 43.00 (42.70 to 43.70): VY001554.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY001554.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY001554.D (-1065) (-)

Time-->



#44

Trichloroethene

Concen: 19.363 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY001554.D

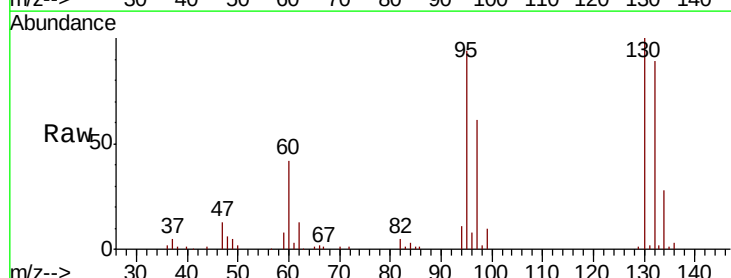
Acq: 07 Feb 2020 15:15

Tgt Ion:130 Resp: 47827

Ion Ratio Lower Upper

130 100

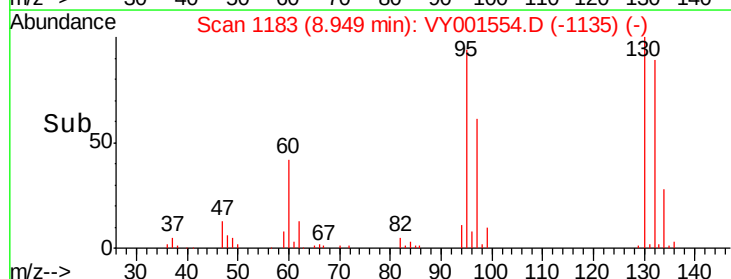
95 94.1 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001554.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY001554.D (-1135) (-)

Time-->

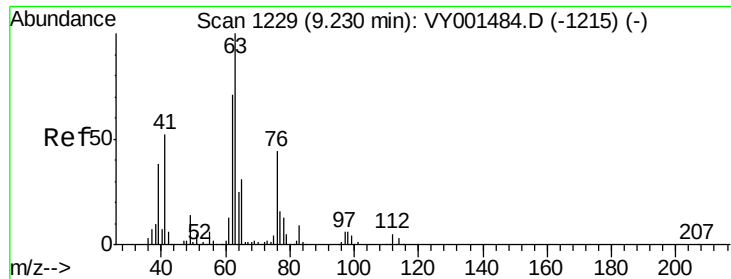


Abundance

Ion 129.80 (129.50 to 130.50): VY001554.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY001554.D (-1135) (-)

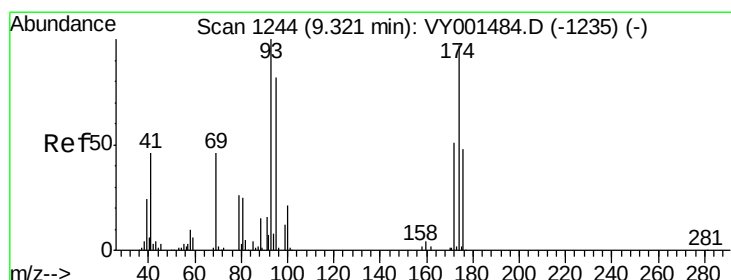
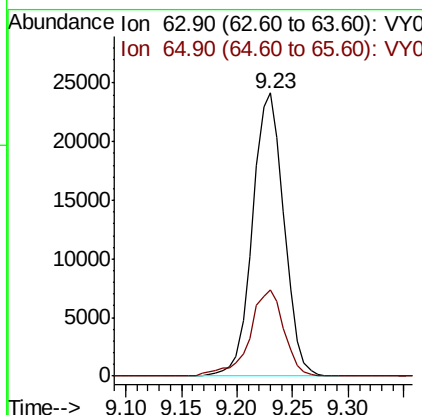
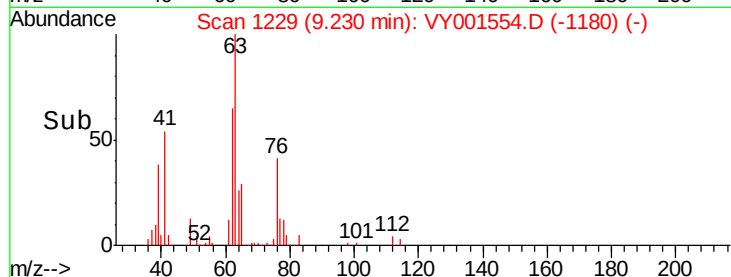
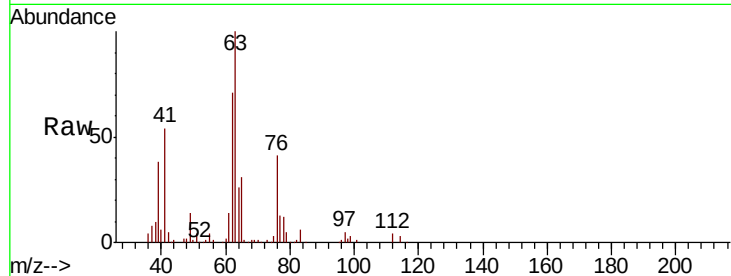
Time-->



#45
 1,2-Dichloropropane
 Concen: 21.520 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

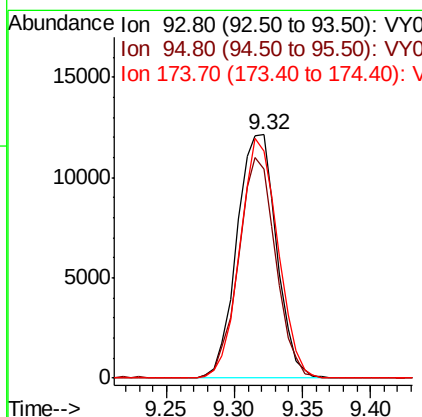
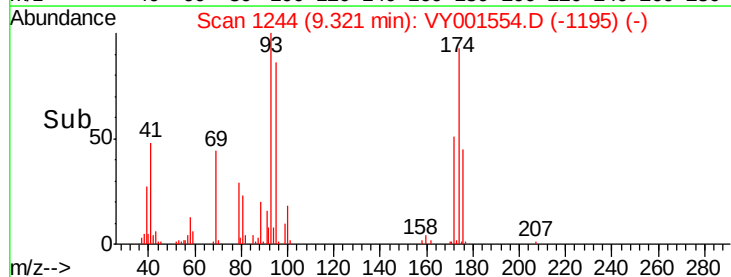
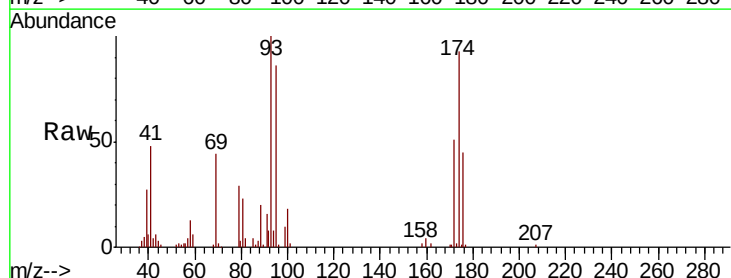
Instrument :
 MSVOA_Y
 ClientSampled :

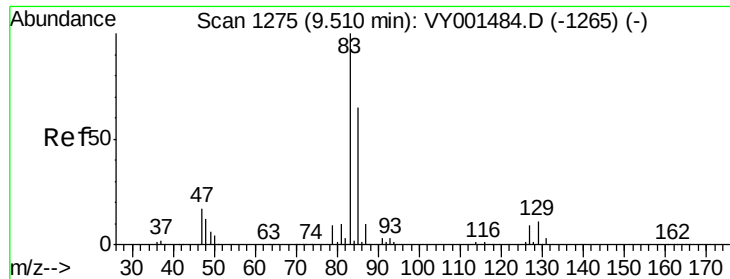
Tot Ion: 63 Resp: 47618
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.4



#46
 Dibromomethane
 Concen: 19.886 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion: 93 Resp: 24708
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.6 99.8
 174 94.1 75.4 113.2

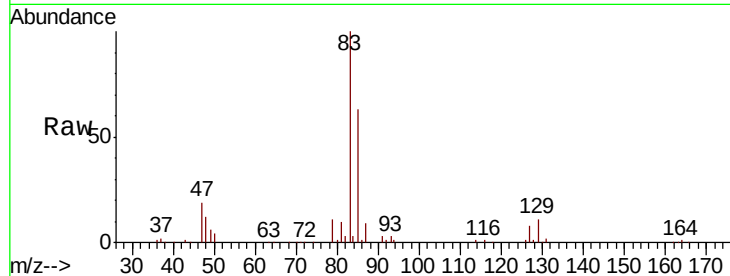




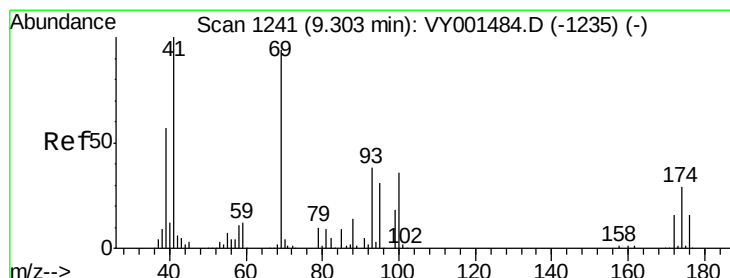
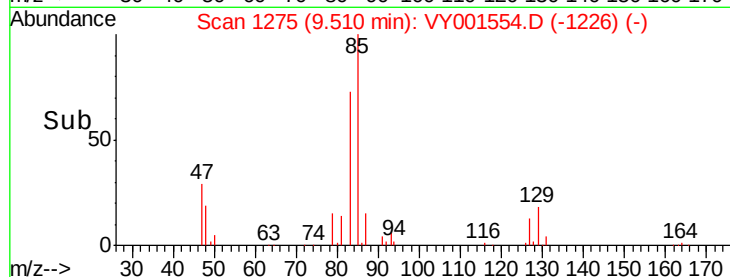
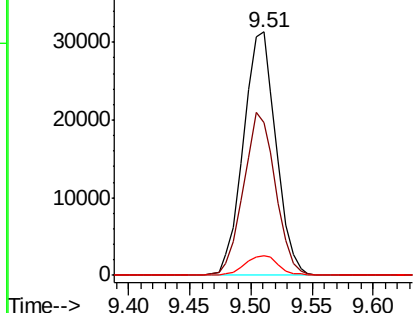
#47
Bromodichloromethane
Concen: 19.155 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83	Resp	57991
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.9	77.9
127	8.1	6.9	10.3

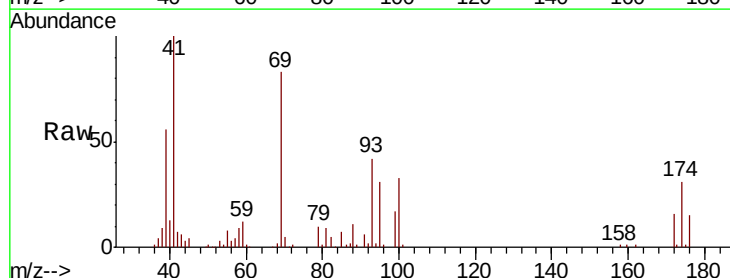


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

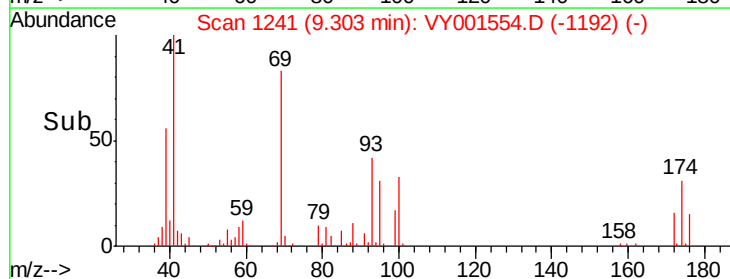
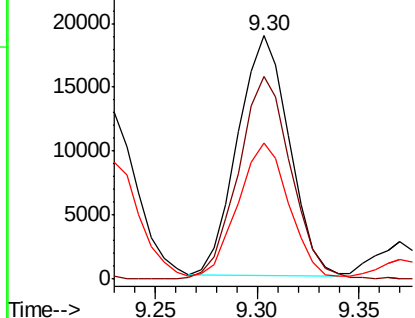


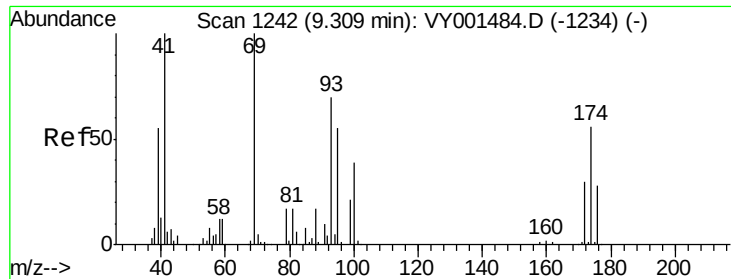
#48
Methyl methacrylate
Concen: 23.592 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion	41	Resp	32972
Ion Ratio	Lower	Upper	
41	100		
69	86.1	76.6	114.8
39	57.2	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

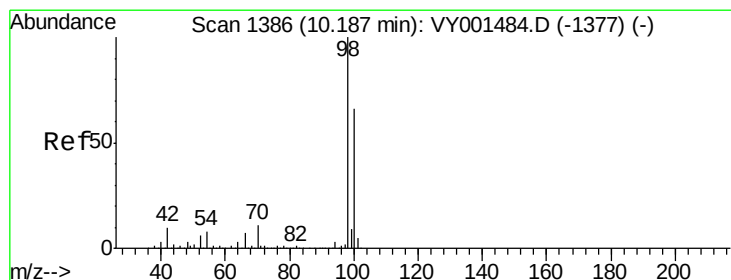
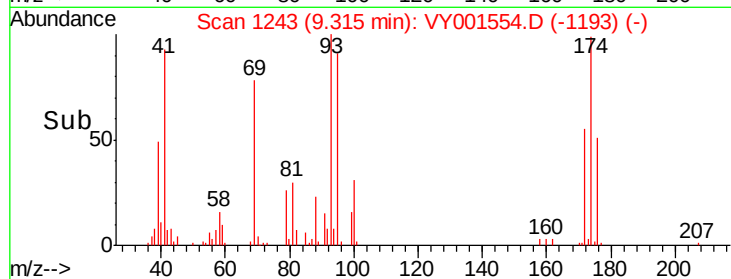
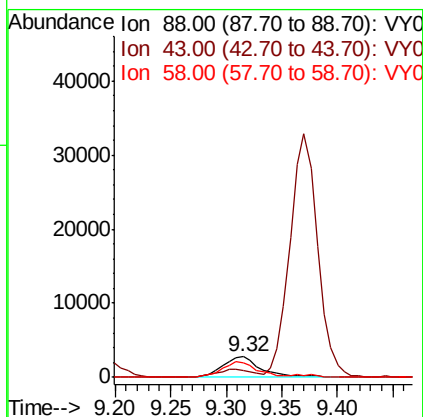
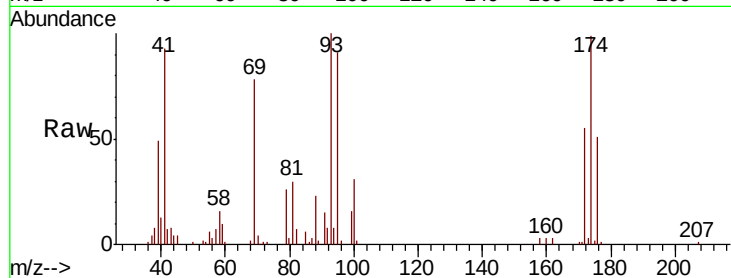




#49
1,4-Dioxane
Concen: 411.964 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

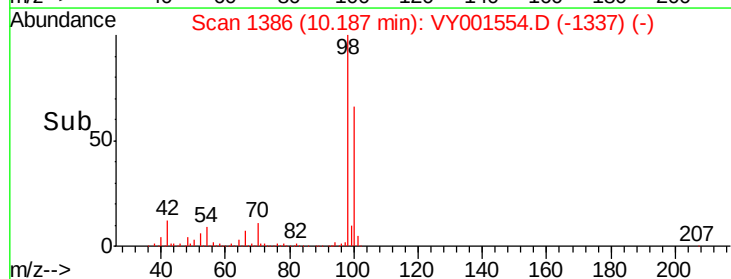
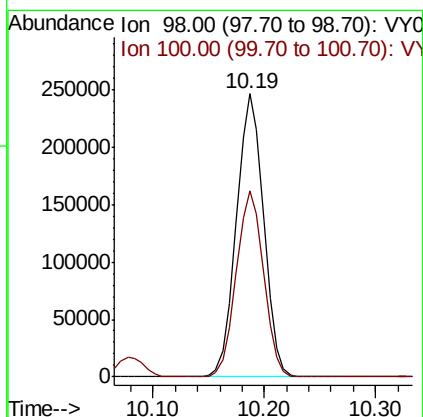
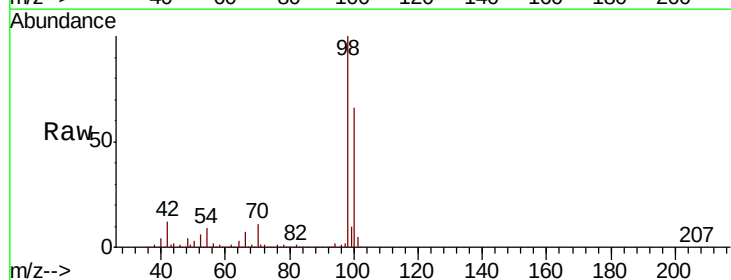
Instrument :
MSVOA_Y
ClientSampleId :

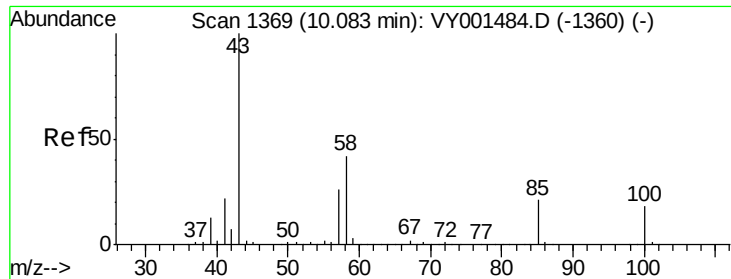
Tot Ion: 88 Resp: 6760
Ion Ratio Lower Upper
88 100
43 39.0 24.8 37.2#
58 70.3 59.3 88.9



#50
Toluene-d8
Concen: 54.308 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion: 98 Resp: 416091
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6

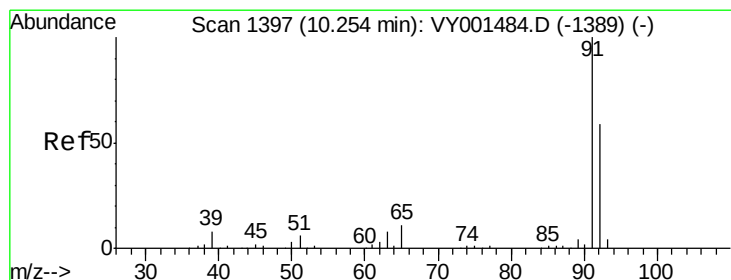
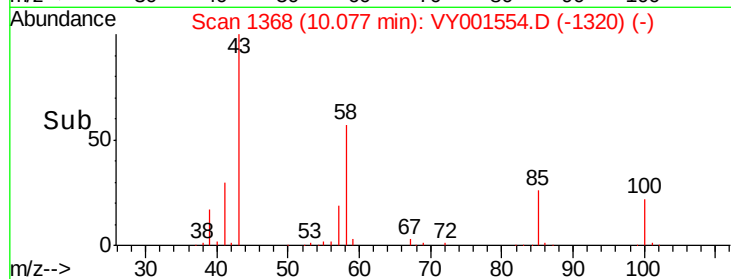
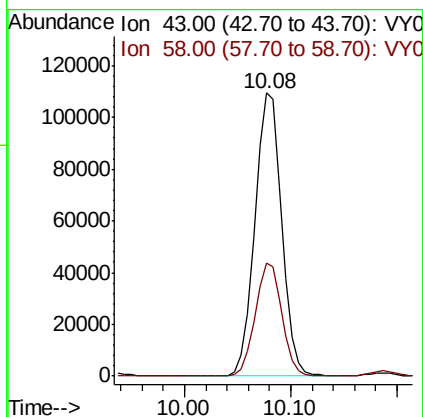
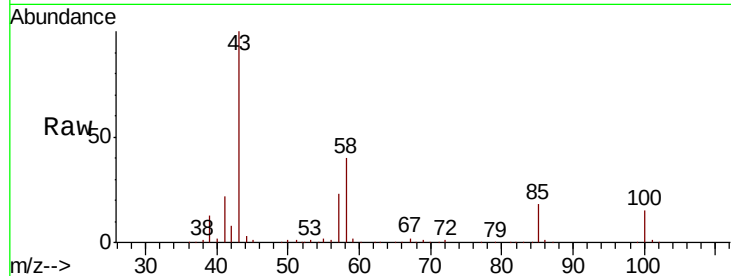




#51
4-Methyl-2-Pentanone
Concen: 127.408 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

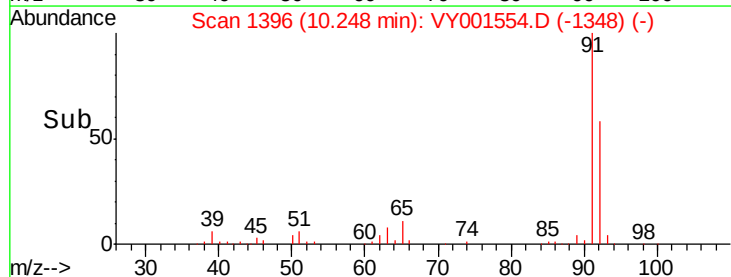
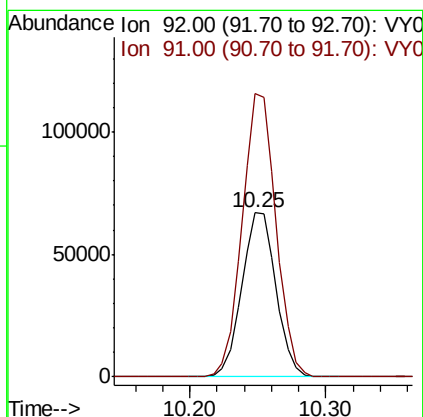
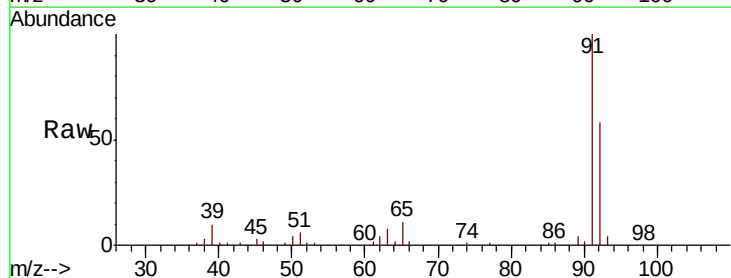
Instrument :
MSVOA_Y
ClientSampled :

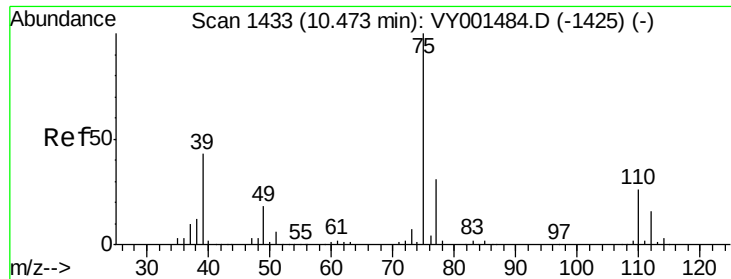
Tot Ion: 43 Resp: 193207
Ion Ratio Lower Upper
43 100
58 39.6 33.9 50.9



#52
Toluene
Concen: 20.125 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion: 92 Resp: 117013
Ion Ratio Lower Upper
92 100
91 171.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 19.783 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

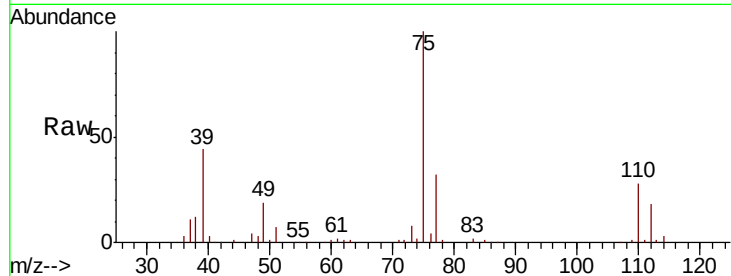
ClientSampleId :

Tot Ion: 75 Resp: 65231

Ion Ratio Lower Upper

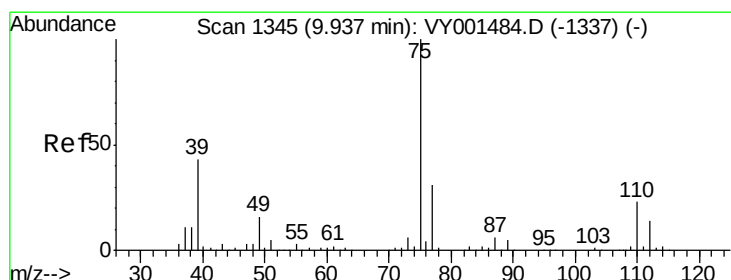
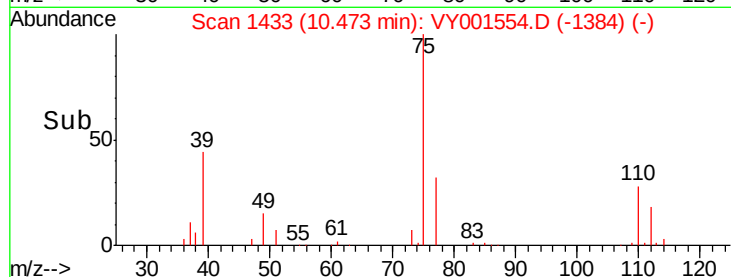
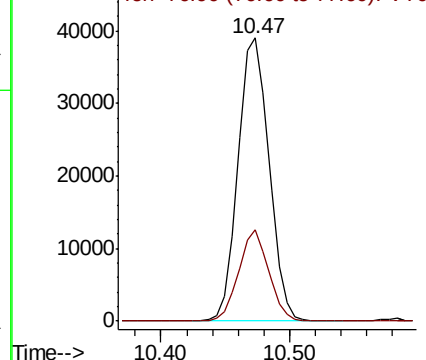
75 100

77 32.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.542 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

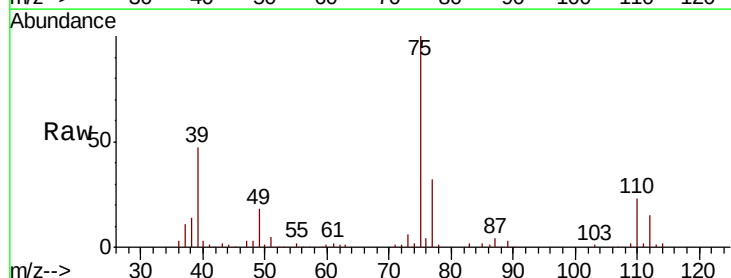
Tgt Ion: 75 Resp: 73978

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

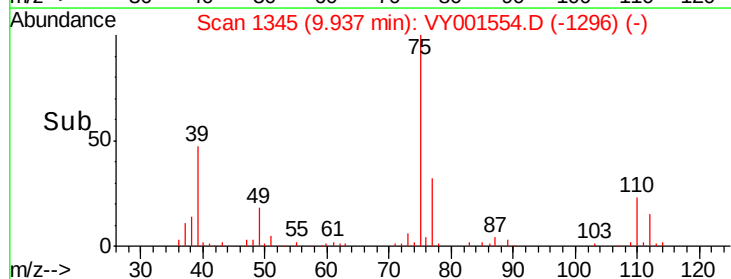
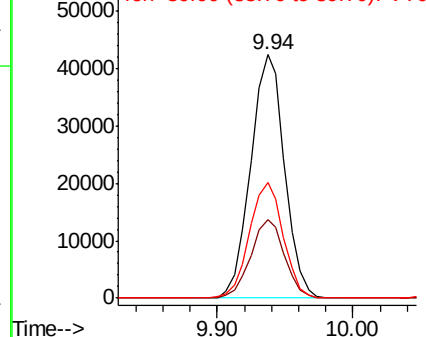
39 47.3 34.0 51.0

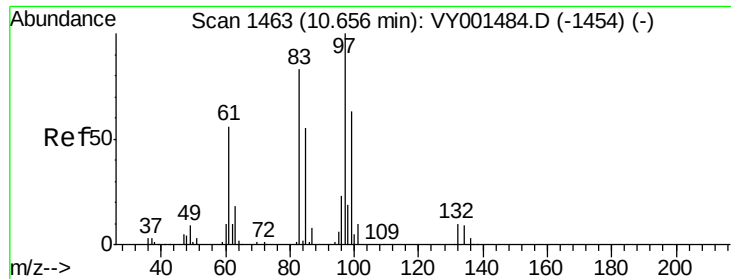


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

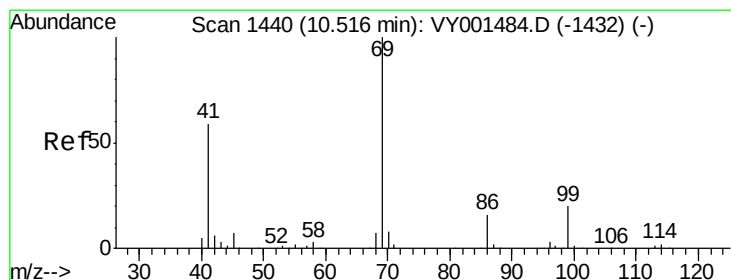
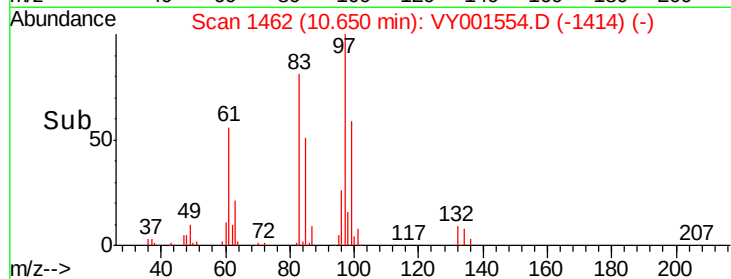
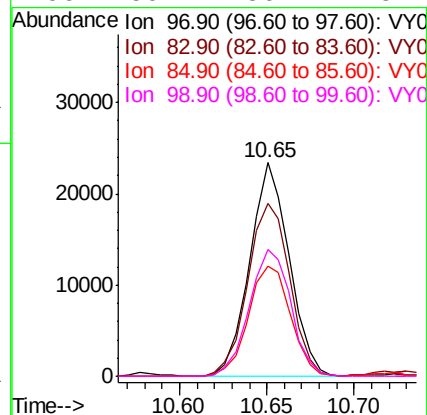
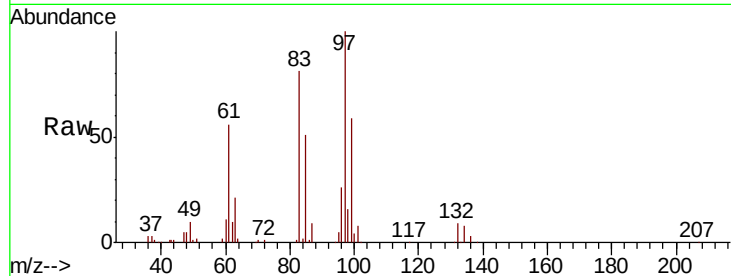




#55
 1,1,2-Trichloroethane
 Concen: 20.737 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

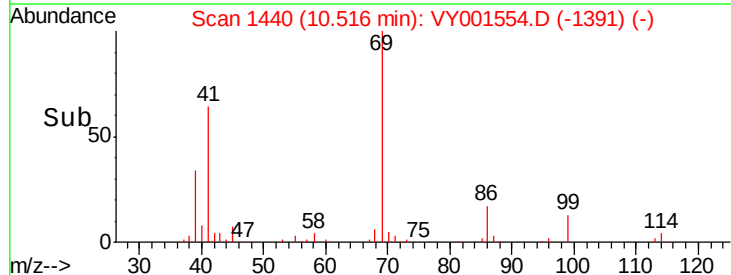
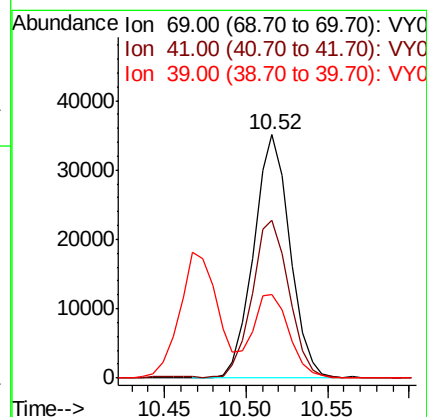
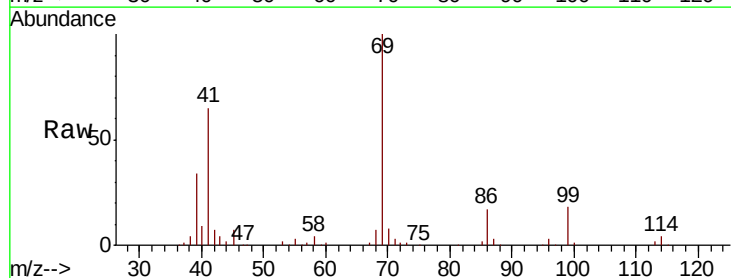
Instrument :
 MSVOA_Y
 ClientSampleId :

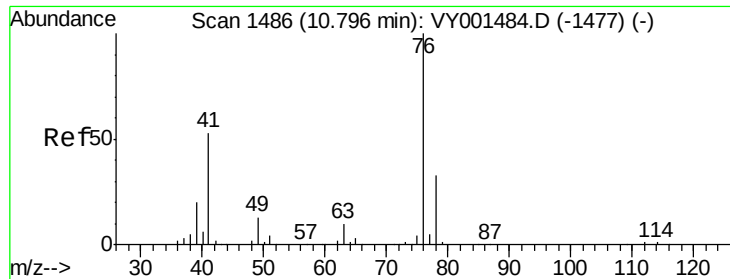
Tot Ion:	97	Resp:	36968
Ion	Ratio	Lower	Upper
97	100		
83	81.2	66.2	99.2
85	51.3	43.8	65.6
99	59.1	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 21.350 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion:	69	Resp:	54135
Ion	Ratio	Lower	Upper
69	100		
41	65.9	47.8	71.8
39	35.4	24.4	36.6

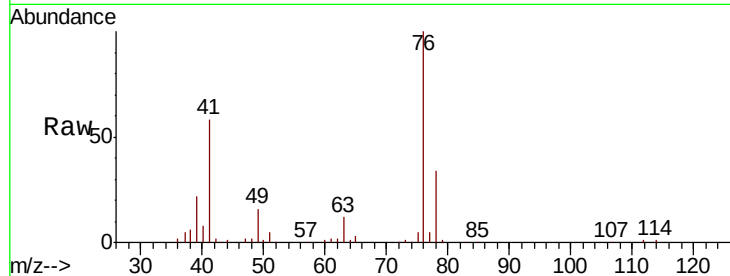




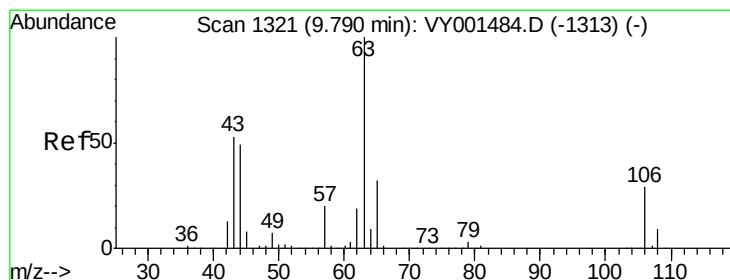
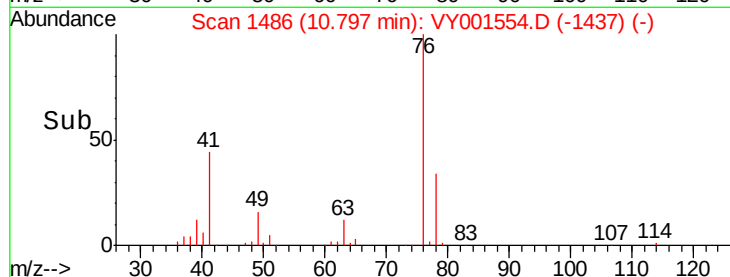
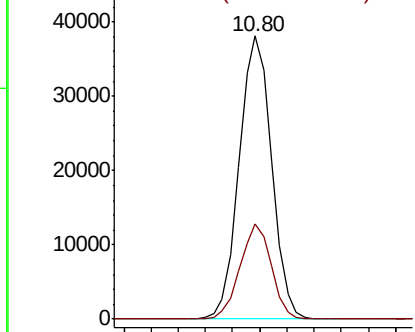
#57
 1,3-Dichloropropane
 Concen: 20.161 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 76 Resp: 63356
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5

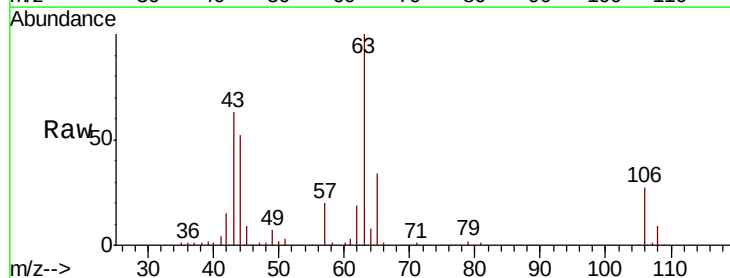


Abundance Ion 75.90 (75.60 to 76.60): VY0
 Ion 77.90 (77.60 to 78.60): VY0

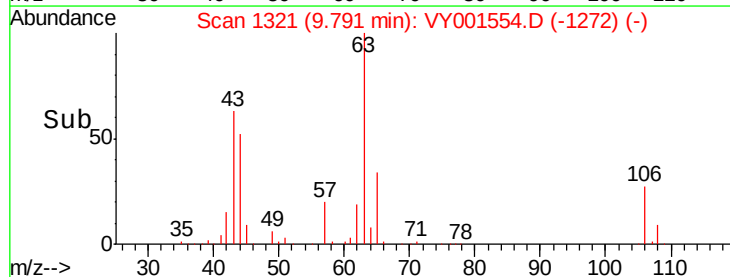
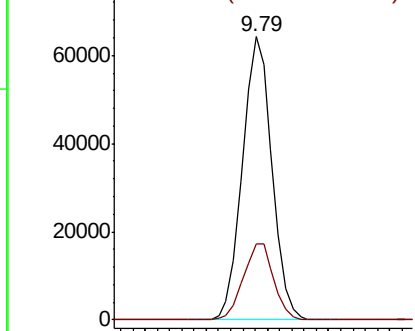


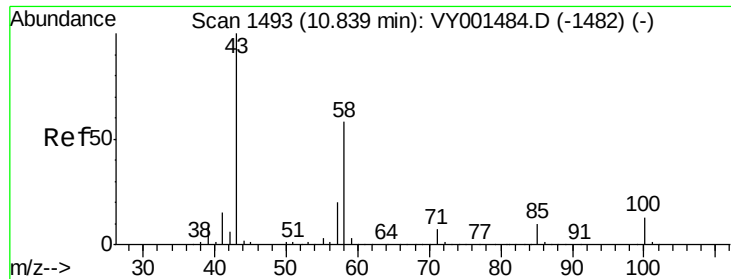
#58
 2-Chloroethyl Vinyl ether
 Concen: 115.185 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion: 63 Resp: 107442
 Ion Ratio Lower Upper
 63 100
 106 27.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY0
 Ion 105.90 (105.60 to 106.60): V

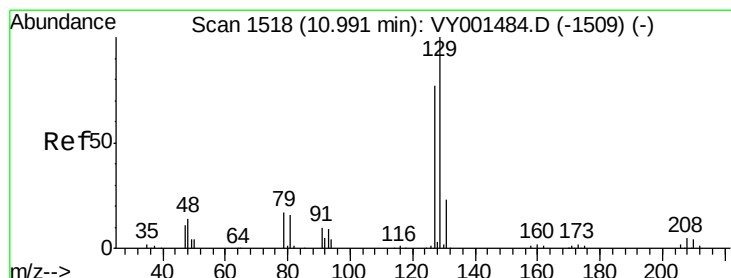
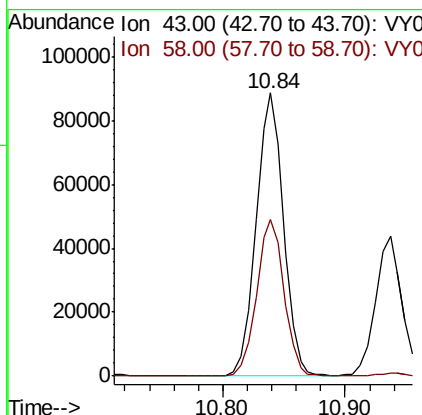
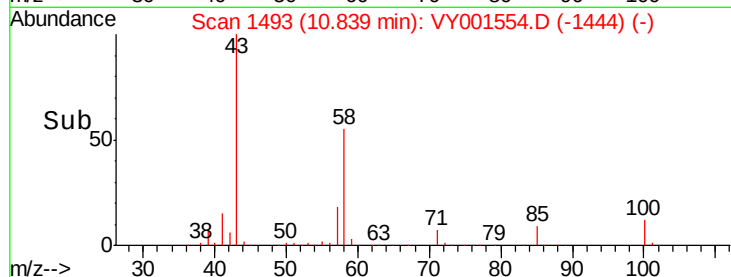
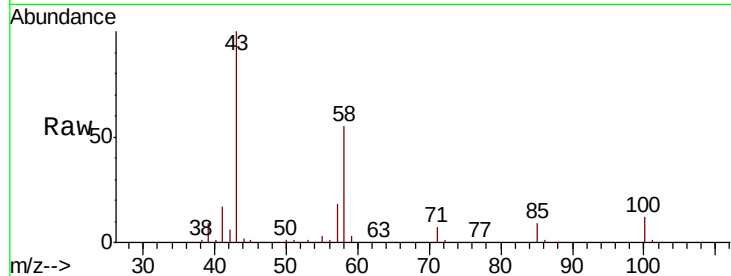




#59
2-Hexanone
Concen: 125.520 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

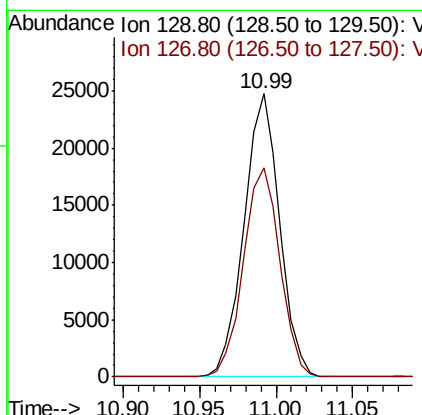
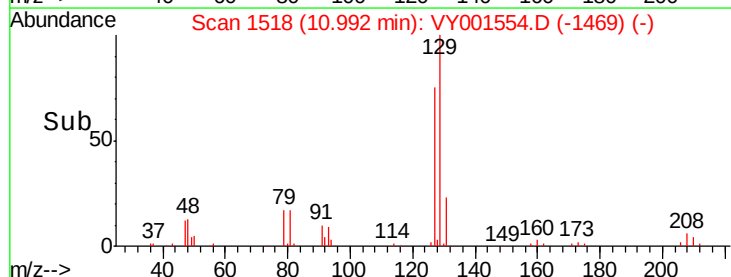
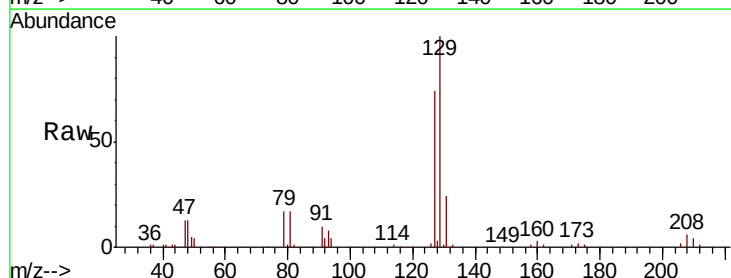
Instrument :
MSVOA_Y
ClientSampleId :

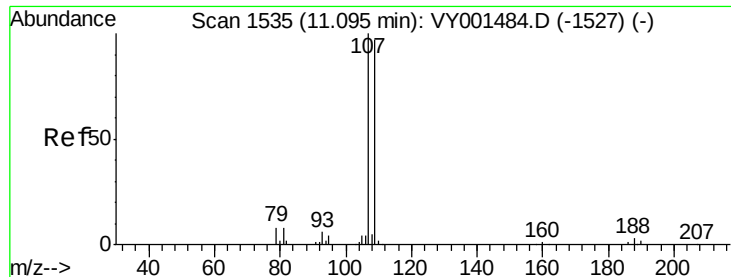
Tot Ion: 43 Resp: 138396
Ion Ratio Lower Upper
43 100
58 55.3 29.0 87.0



#60
Dibromochloromethane
Concen: 19.022 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion: 129 Resp: 39971
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.6

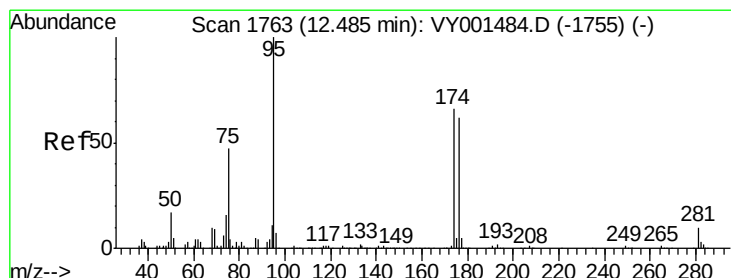
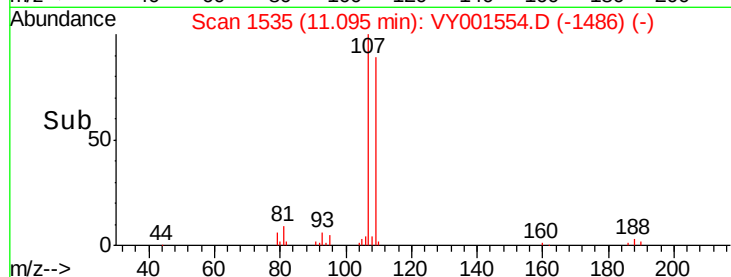
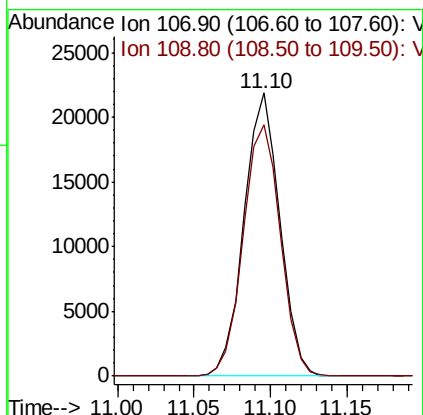
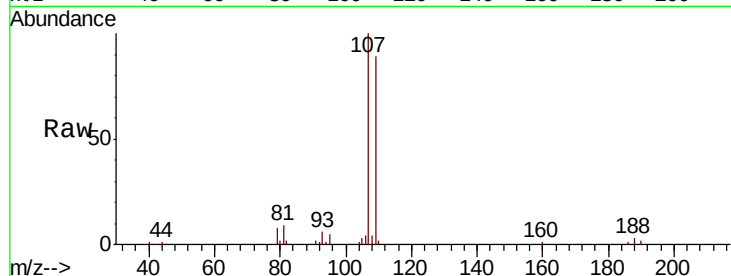




#61
 1,2-Dibromoethane
 Concen: 20.275 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

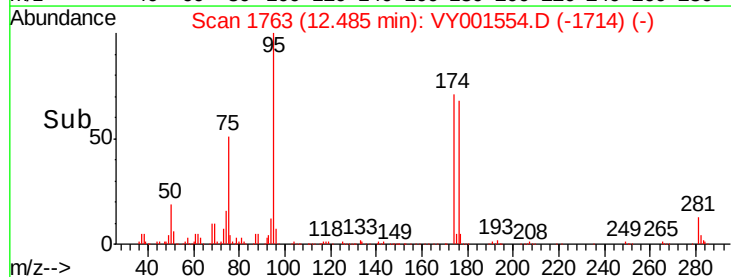
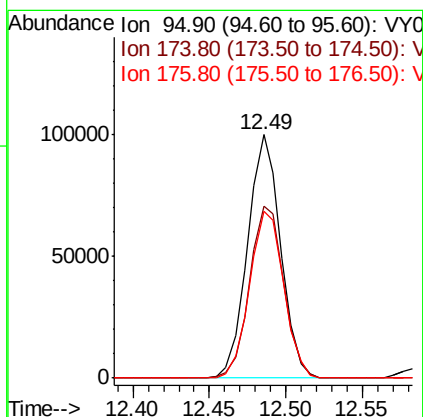
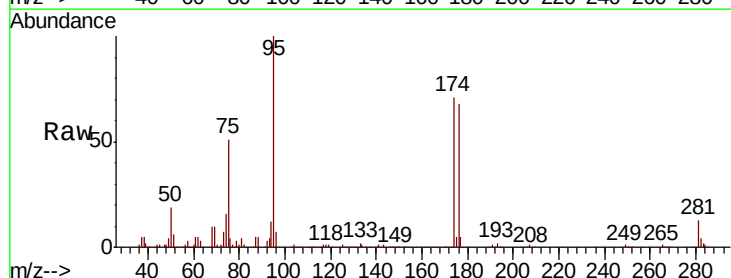
Instrument :
 MSVOA_Y
 ClientSampleId :

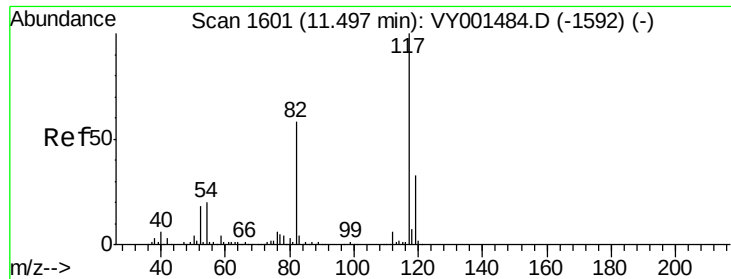
Tot Ion:107 Resp: 35600
 Ion Ratio Lower Upper
 107 100
 109 92.4 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 49.547 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion: 95 Resp: 149548
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 141.4
 176 71.3 0.0 135.4

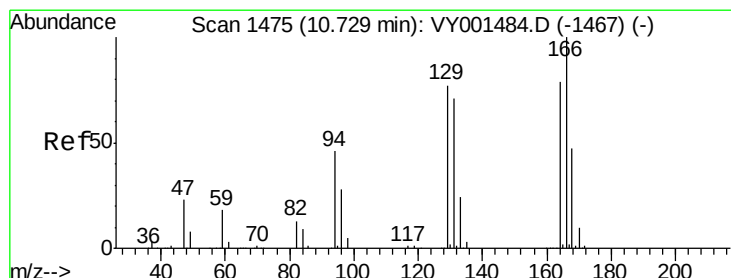
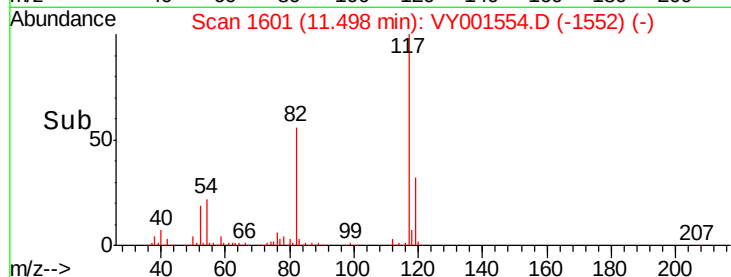
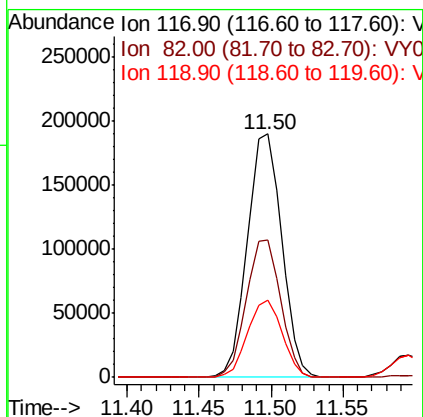
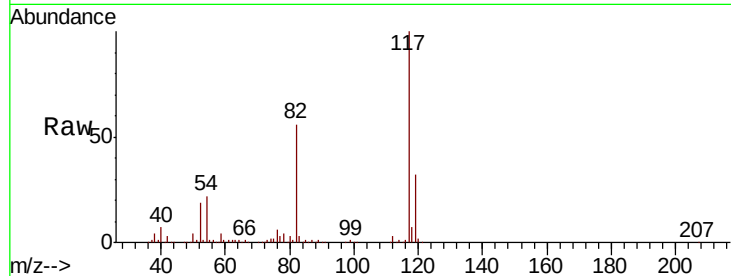




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

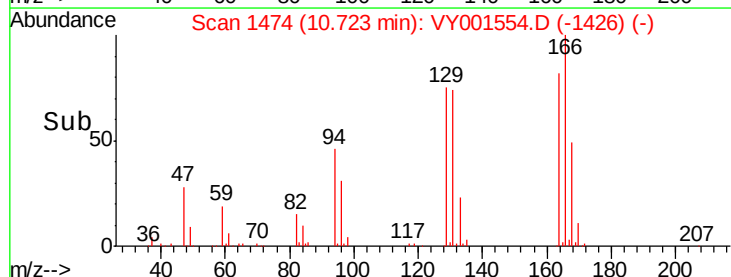
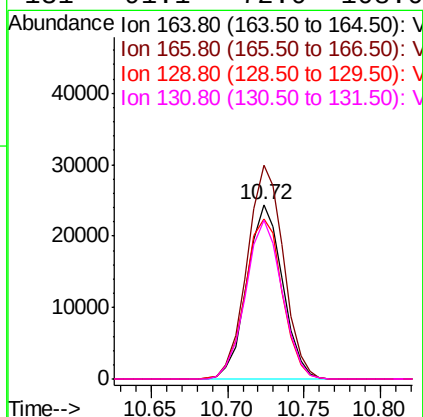
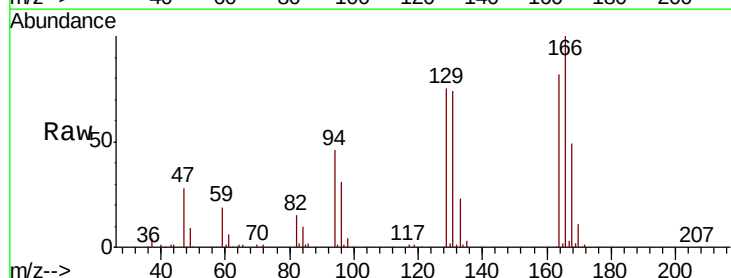
Instrument :
MSVOA_Y
ClientSampleId :

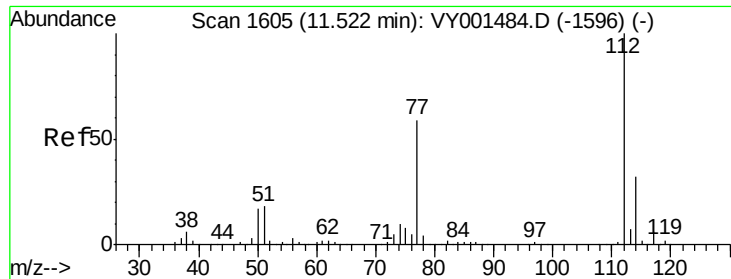
Tot Ion:117 Resp: 313715
Ion Ratio Lower Upper
117 100
82 56.3 46.1 69.1
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 19.124 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion:164 Resp: 39345
Ion Ratio Lower Upper
164 100
166 122.6 100.8 151.2
129 91.8 77.8 116.6
131 91.1 72.0 108.0

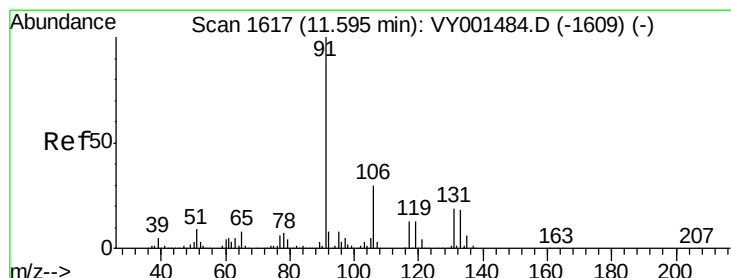
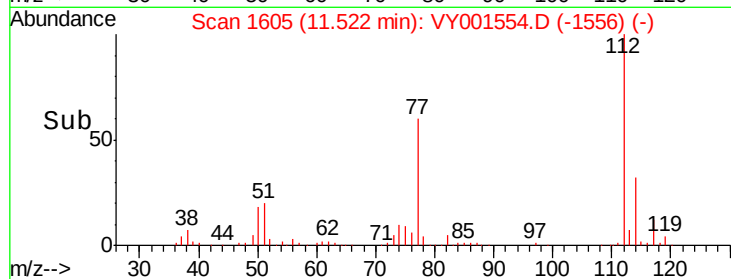
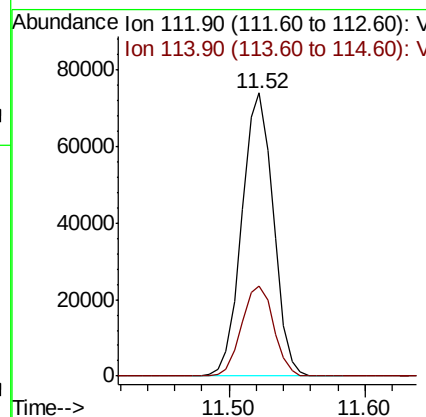
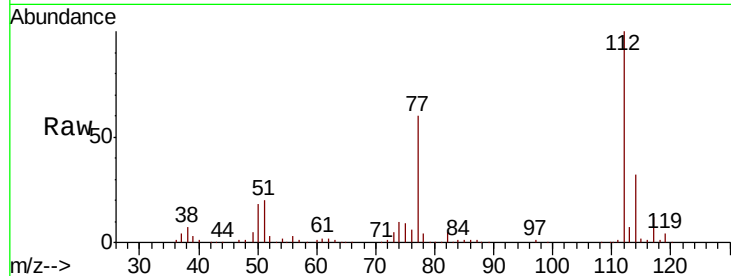




#65
Chlorobenzene
Concen: 19.431 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

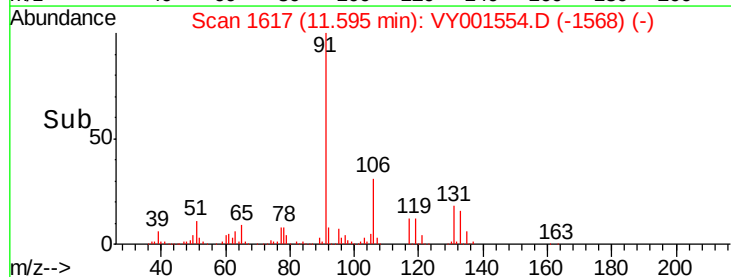
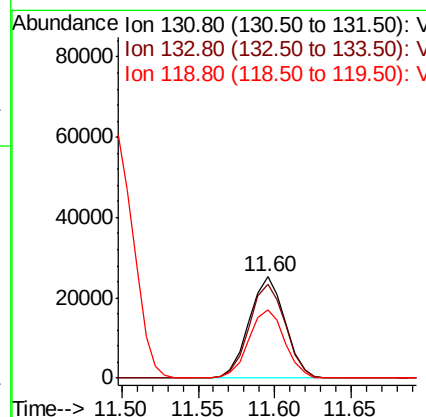
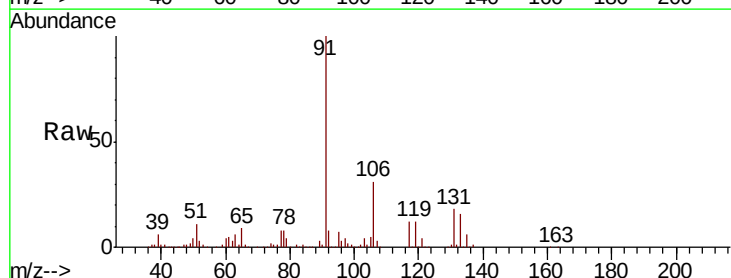
Instrument :
MSVOA_Y
ClientSampleId :

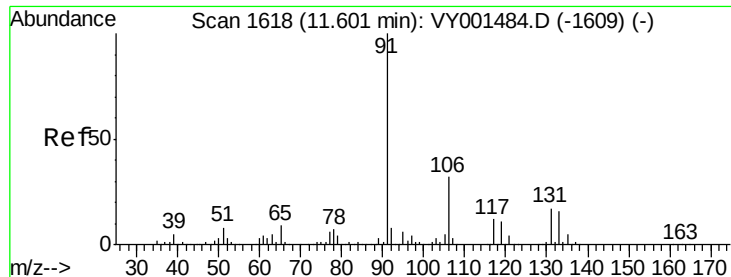
Tot Ion:112 Resp: 119693
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.128 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion:131 Resp: 41237
Ion Ratio Lower Upper
131 100
133 93.5 47.9 143.8
119 67.5 33.7 101.0

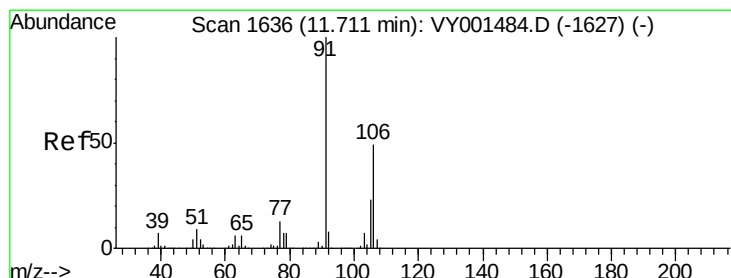
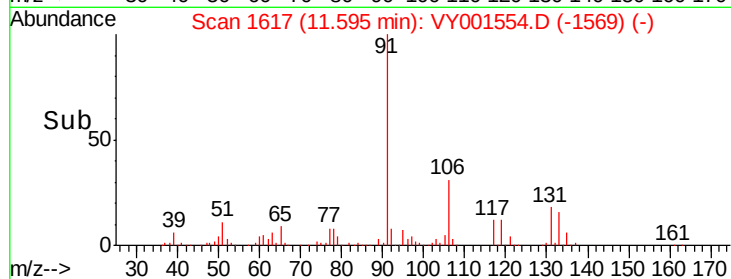
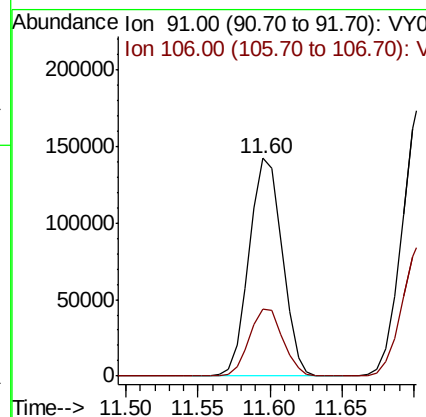
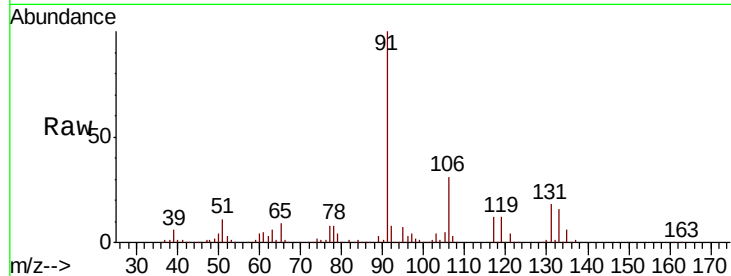




#67
Ethyl Benzene
Concen: 19.824 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

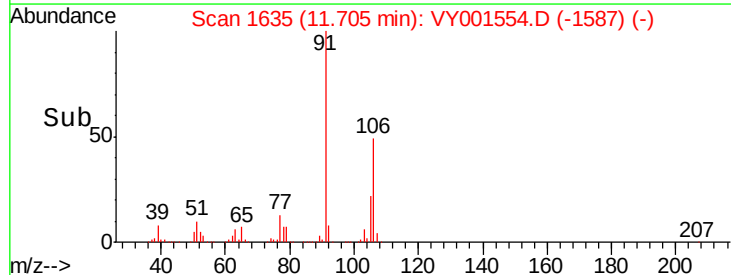
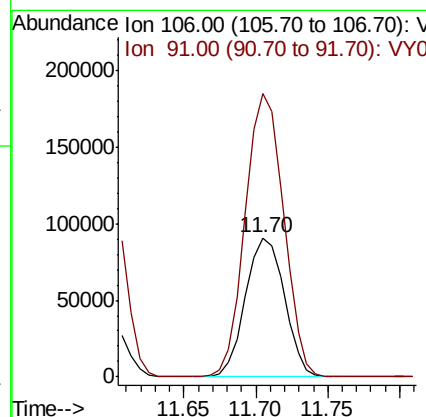
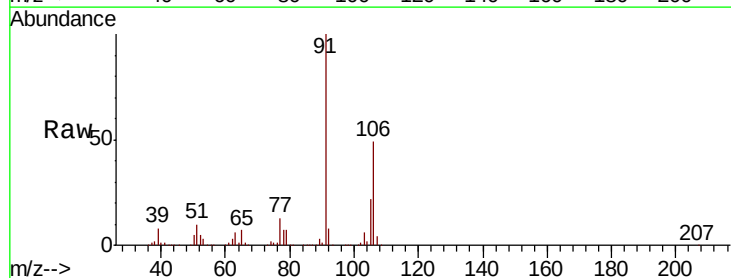
Instrument :
MSVOA_Y
ClientSampled :

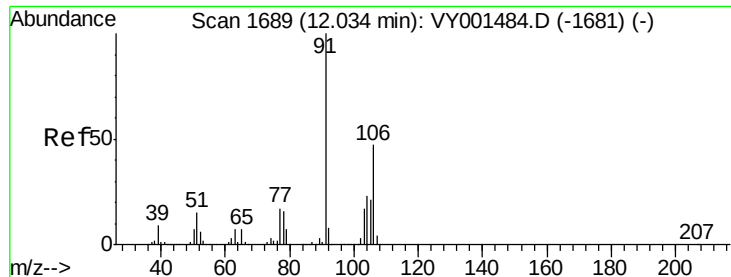
Tot Ion: 91 Resp: 225779
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 39.672 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion: 106 Resp: 169622
Ion Ratio Lower Upper
106 100
91 202.0 163.6 245.4

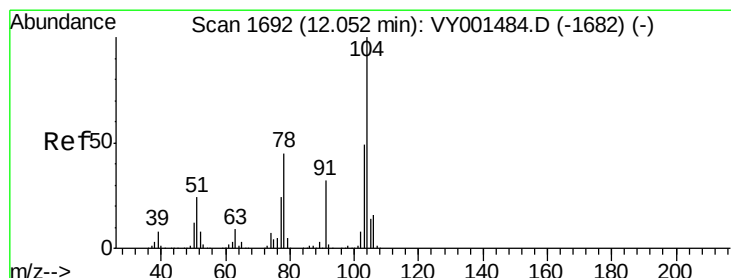
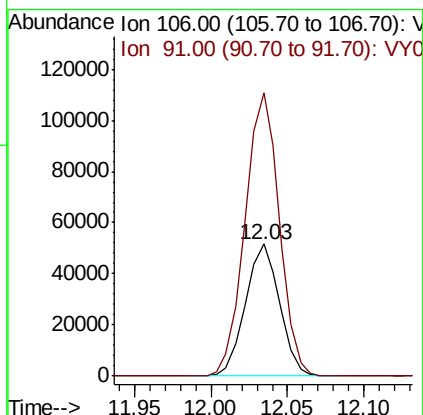
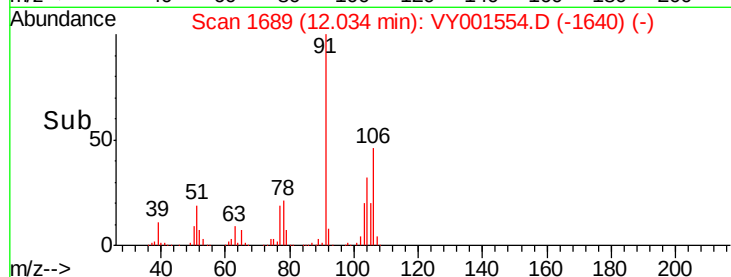
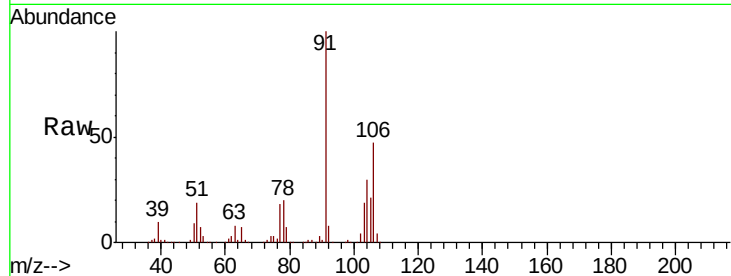




#69
o-Xylene
Concen: 19.860 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

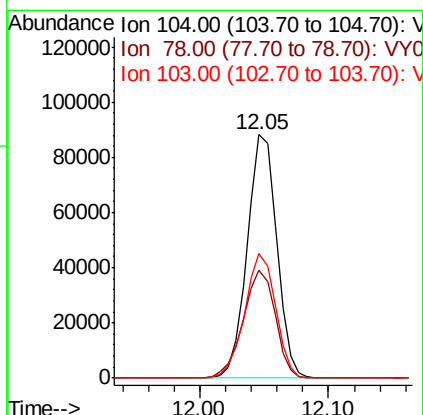
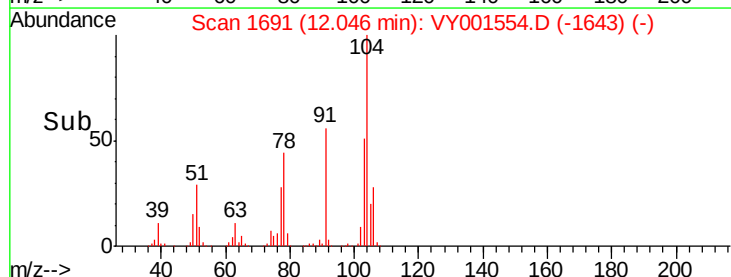
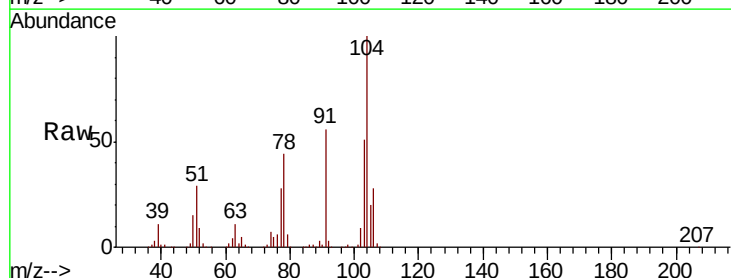
Instrument :
MSVOA_Y
ClientSampleId :

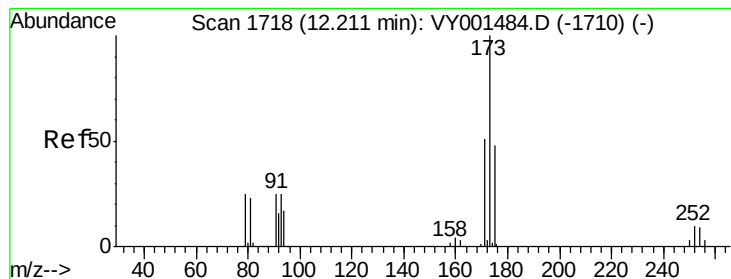
Tot Ion:106 Resp: 80060
Ion Ratio Lower Upper
106 100
91 215.1 106.0 318.0



#70
Styrene
Concen: 19.960 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion:104 Resp: 139150
Ion Ratio Lower Upper
104 100
78 48.4 40.4 60.6
103 53.6 42.8 64.2





#71

Bromoform

Concen: 20.183 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

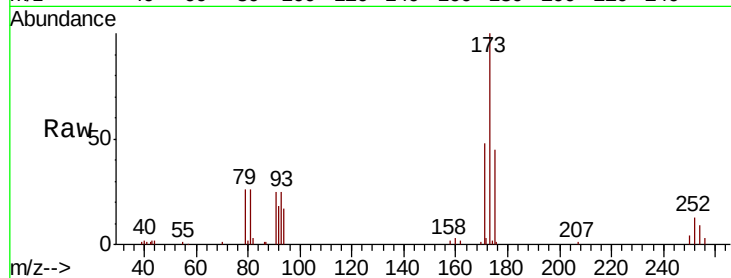
Tot Ion:173 Resp: 24229

Ion Ratio Lower Upper

173 100

175 46.6 24.0 72.0

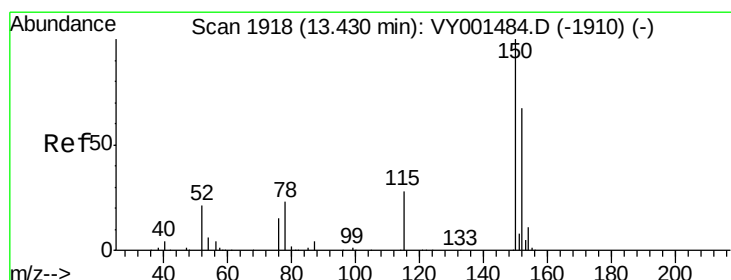
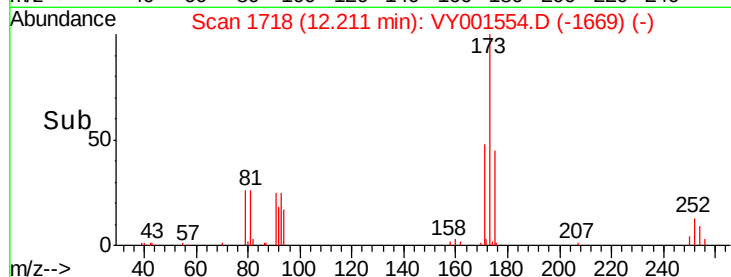
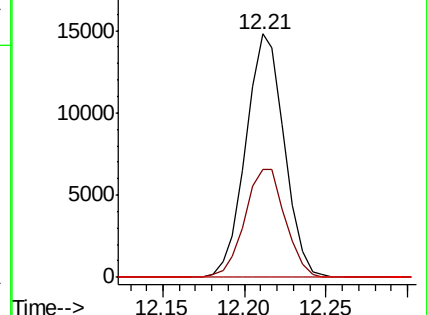
254 0.0 0.1 0.1#



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: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

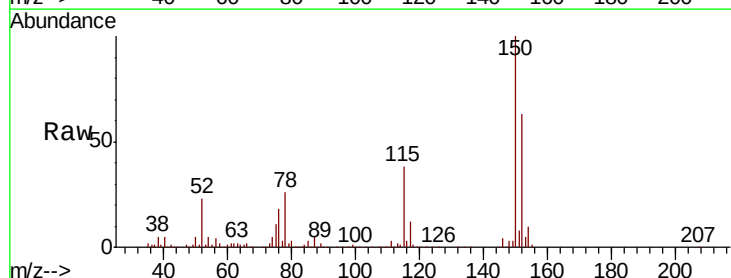
Tgt Ion:152 Resp: 147641

Ion Ratio Lower Upper

152 100

115 61.1 31.4 94.3

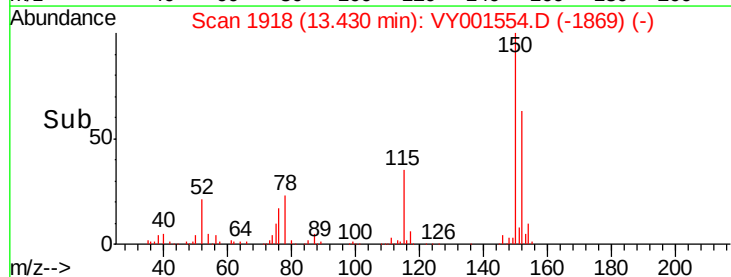
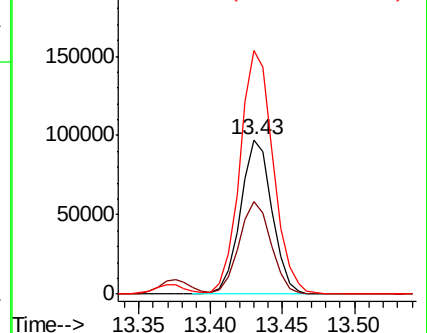
150 166.7 0.0 346.8

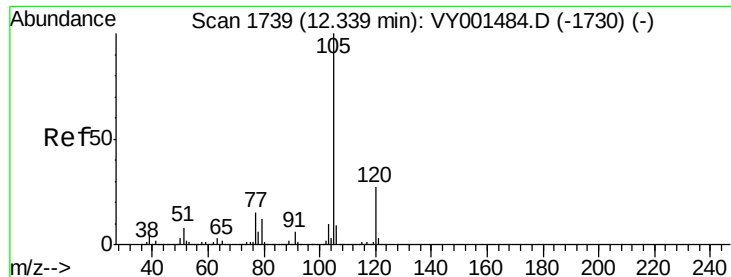


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.223 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

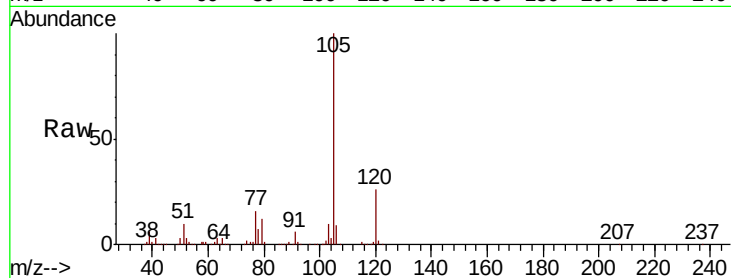
ClientSampled :

Tot Ion: 105 Resp: 216453

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

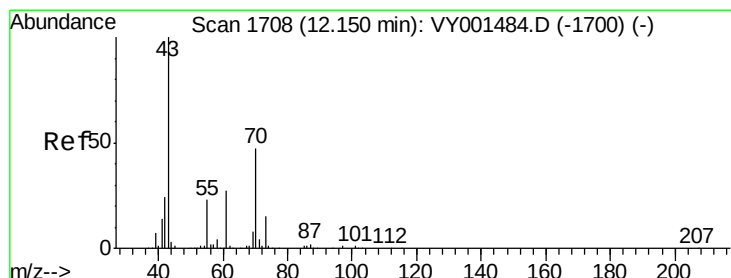
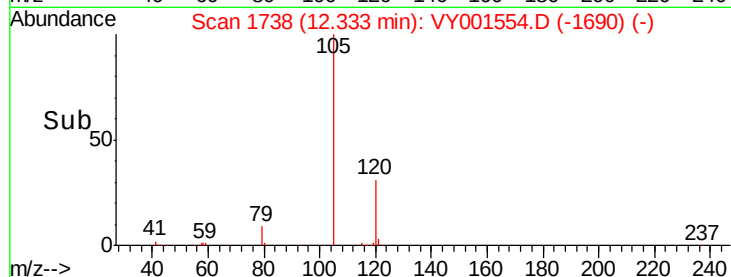
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 23.566 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Tgt Ion: 43 Resp: 68954

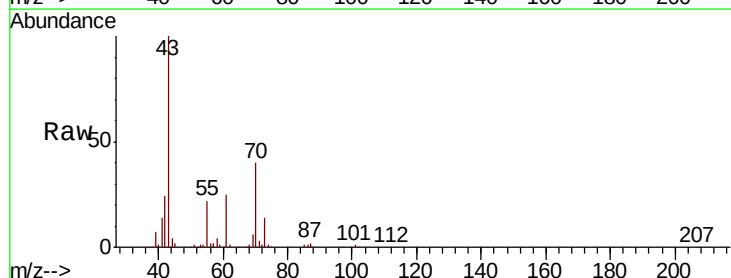
Ion Ratio Lower Upper

43 100

70 41.9 37.2 55.8

55 22.0 18.8 28.2

61 24.7 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

12.15

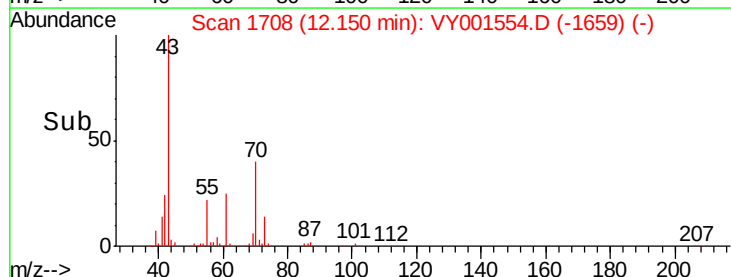
60000

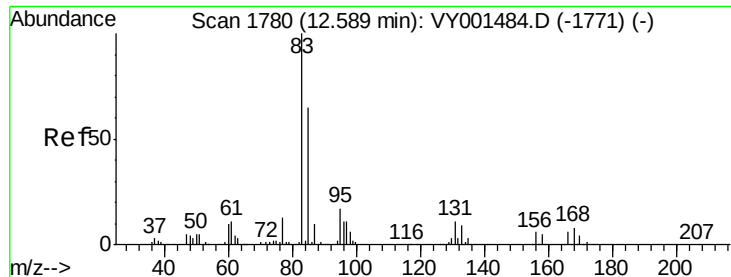
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.234 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

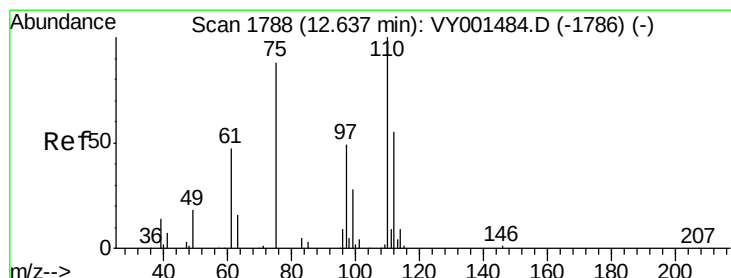
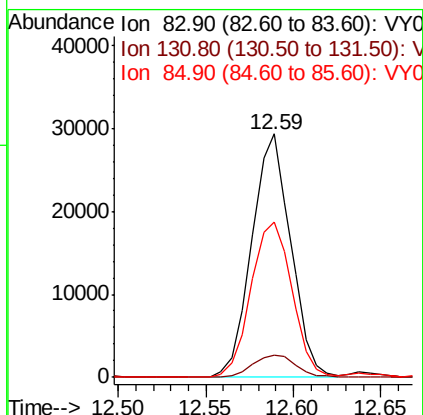
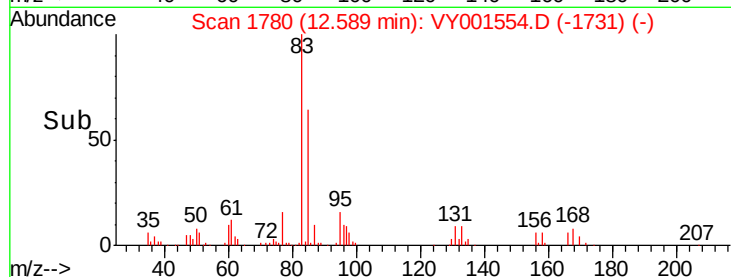
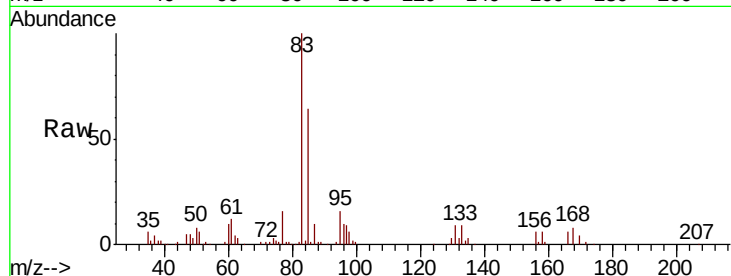
Tot Ion: 83 Resp: 45427

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 67.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.148 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001554.D

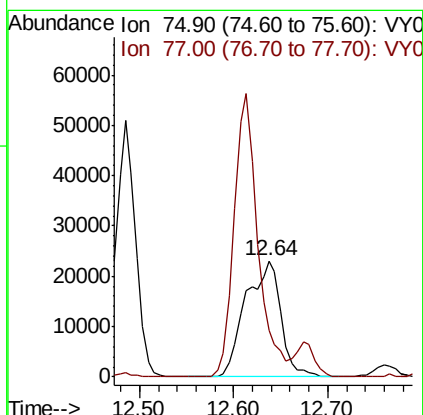
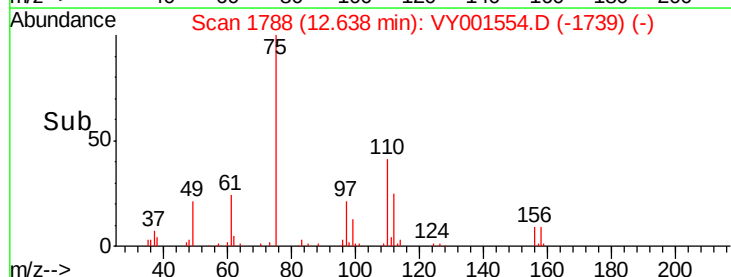
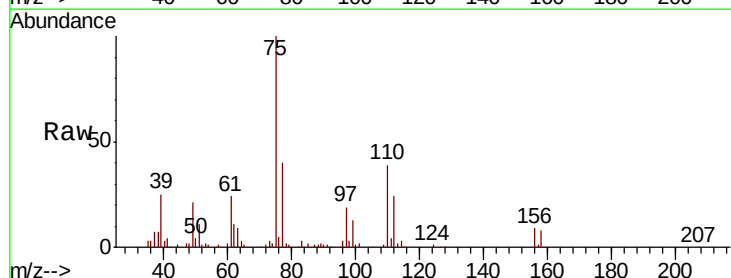
Acq: 07 Feb 2020 15:15

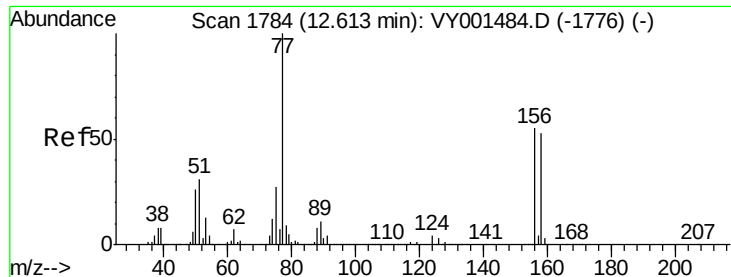
Tgt Ion: 75 Resp: 60569

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.404 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

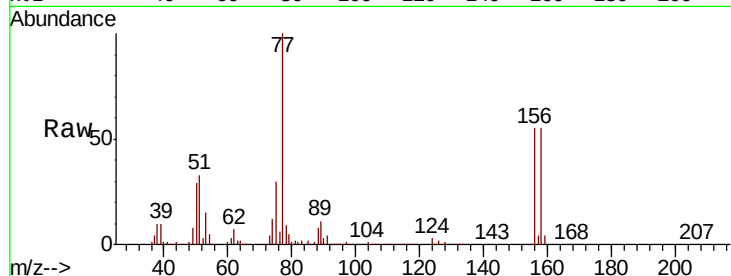
Tot Ion:156 Resp: 47286

Ion Ratio Lower Upper

156 100

77 209.4 99.8 299.3

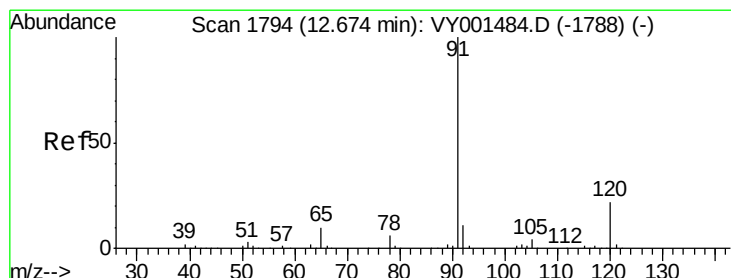
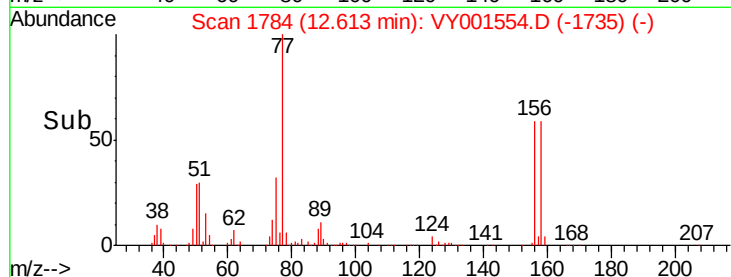
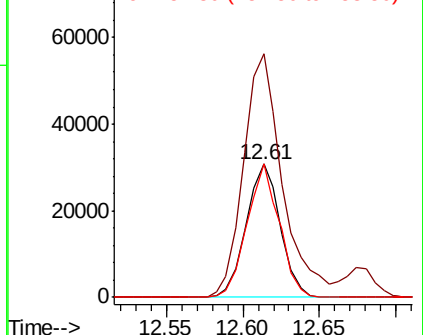
158 95.4 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.536 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY001554.D

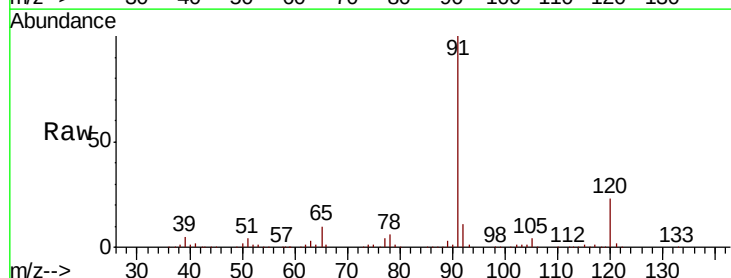
Acq: 07 Feb 2020 15:15

Tgt Ion: 91 Resp: 263353

Ion Ratio Lower Upper

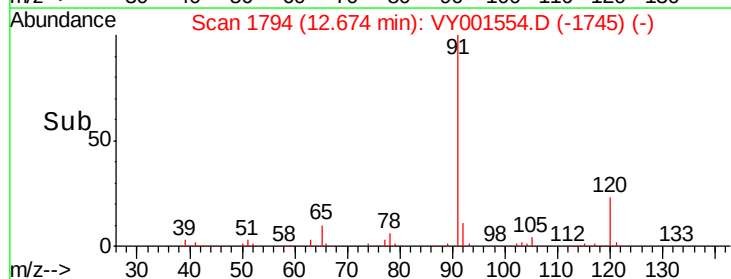
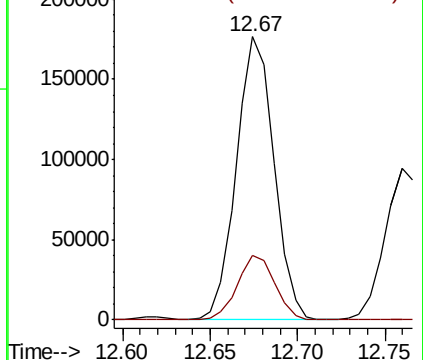
91 100

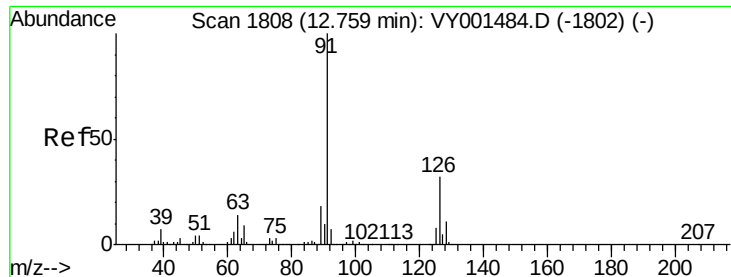
120 22.9 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.113 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

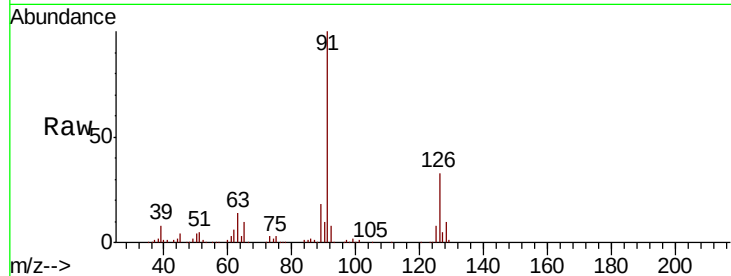
ClientSampled :

Tot Ion: 91 Resp: 146867

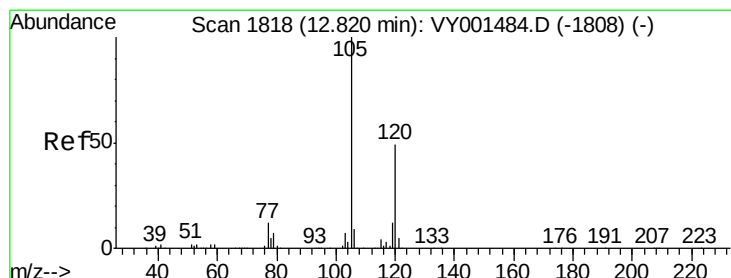
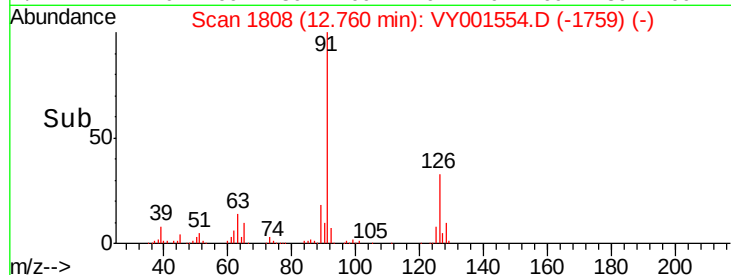
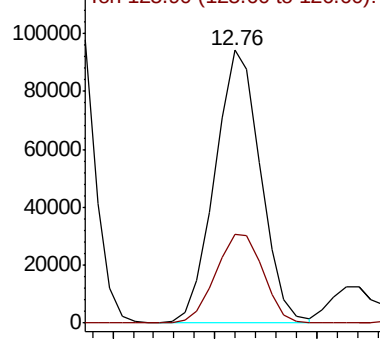
Ion Ratio Lower Upper

91 100

126 33.9 16.4 49.2



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



#80

1,3,5-Trimethylbenzene

Concen: 19.073 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001554.D

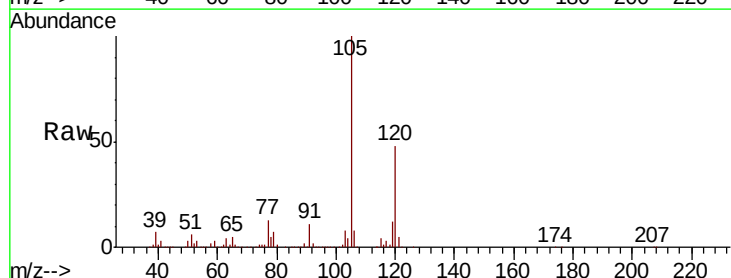
Acq: 07 Feb 2020 15:15

Tgt Ion: 105 Resp: 180872

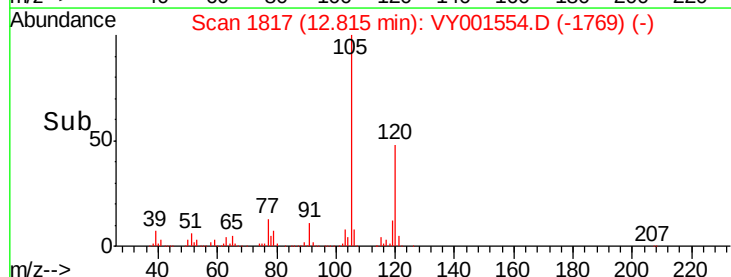
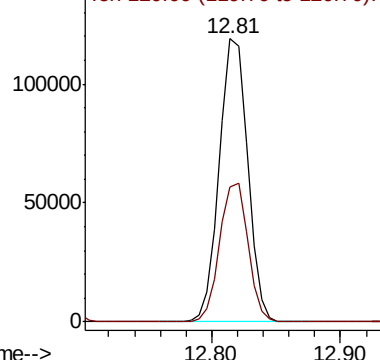
Ion Ratio Lower Upper

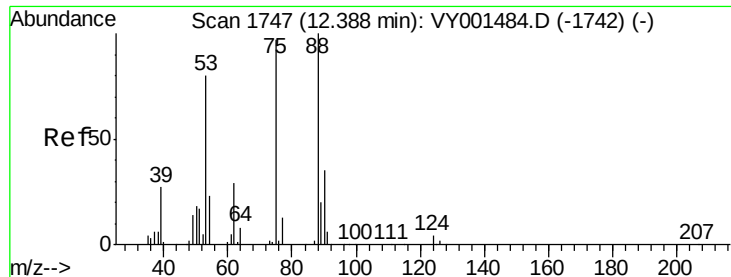
105 100

120 49.0 24.1 72.2



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

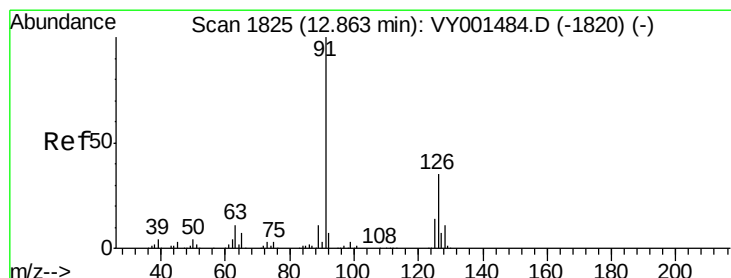
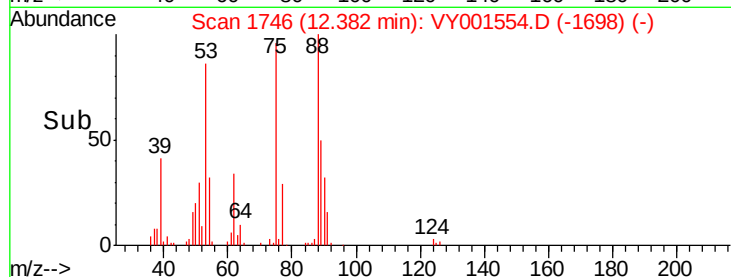
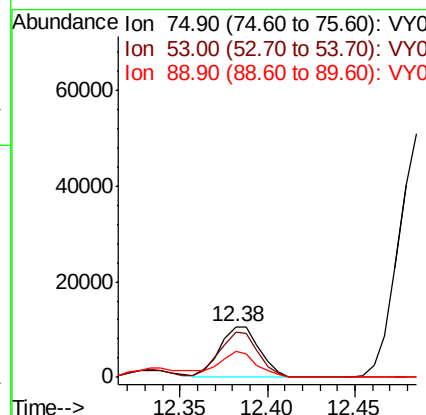
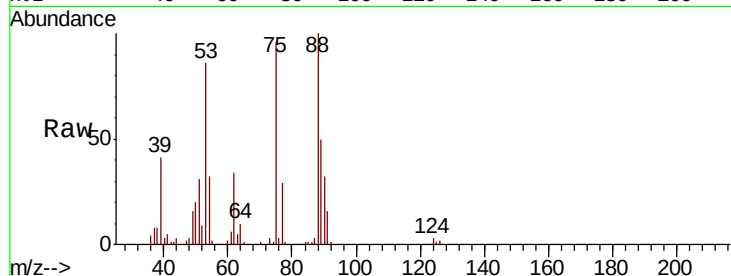




#81
trans-1,4-Dichloro-2-butene
Concen: 20.189 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

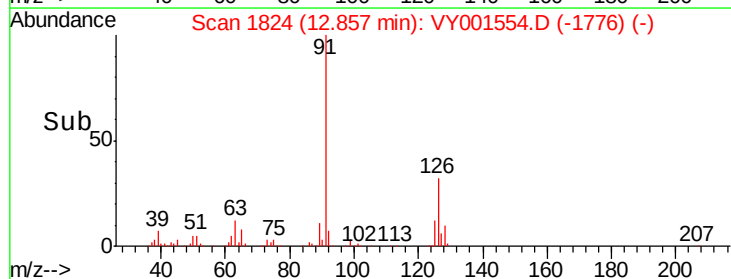
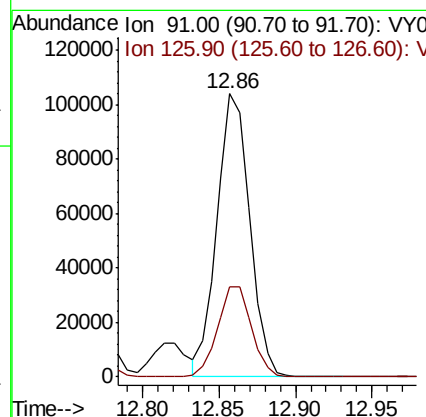
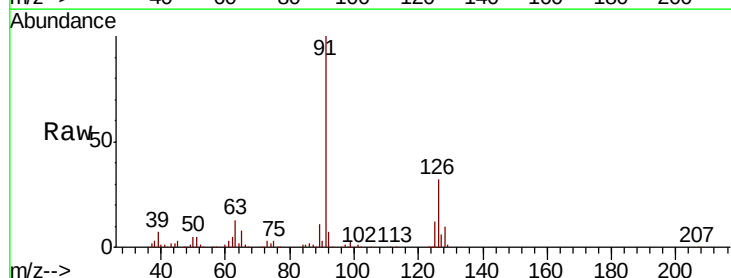
Instrument :
MSVOA_Y
ClientSampleId :

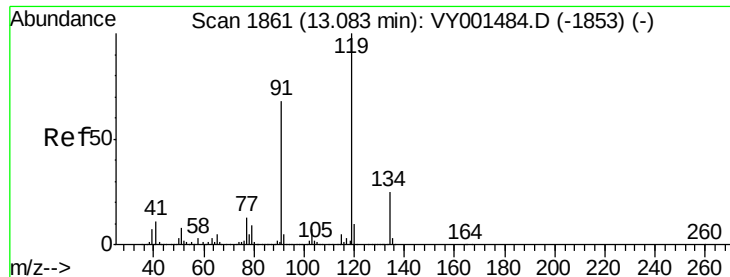
Tot Ion: 75 Resp: 16566
Ion Ratio Lower Upper
75 100
53 88.0 67.7 101.5
89 50.0 34.6 52.0



#82
4-Chlorotoluene
Concen: 19.193 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion: 91 Resp: 154630
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5

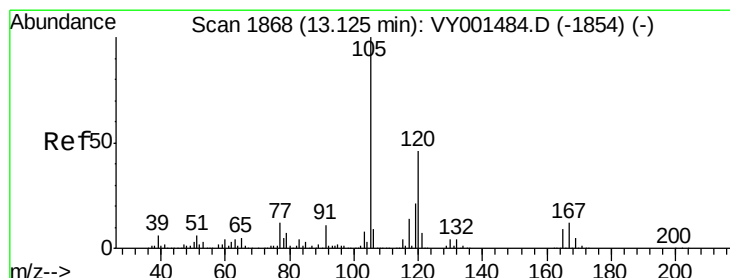
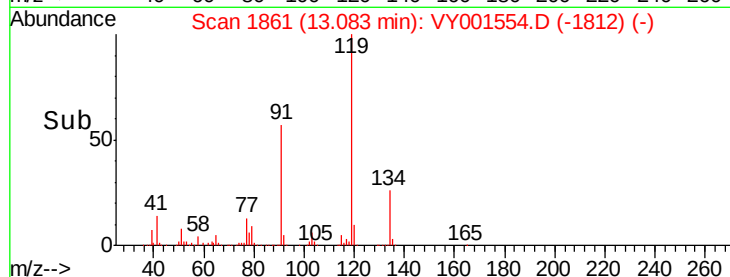
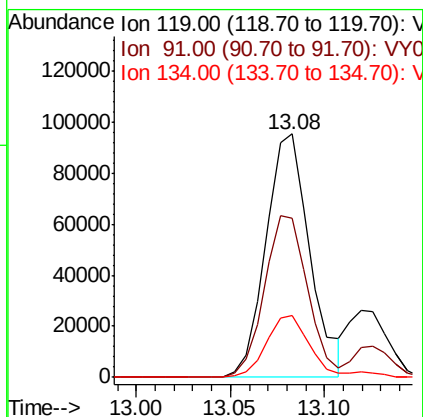
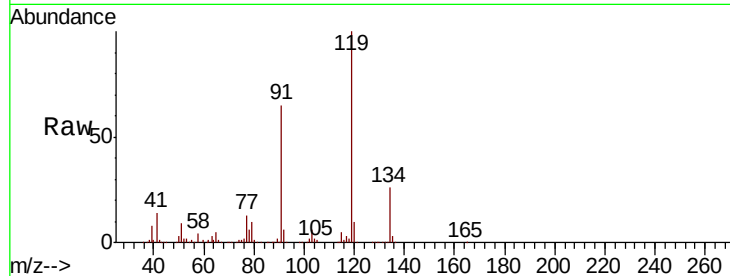




#83
 tert-Butylbenzene
 Concen: 19.321 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

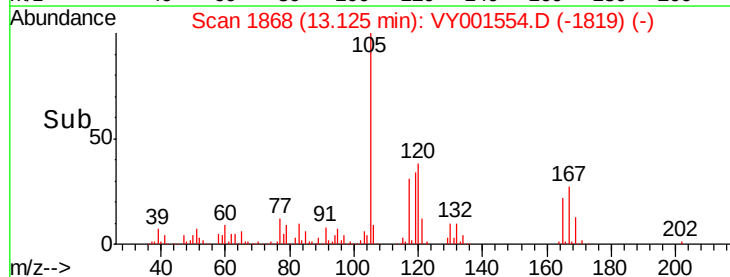
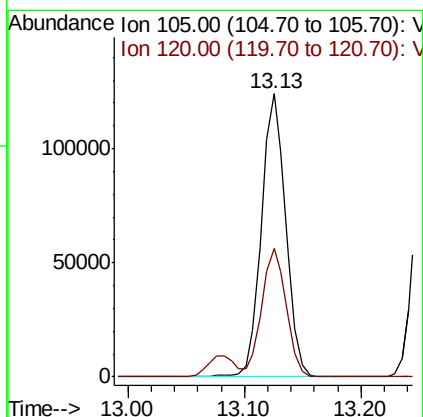
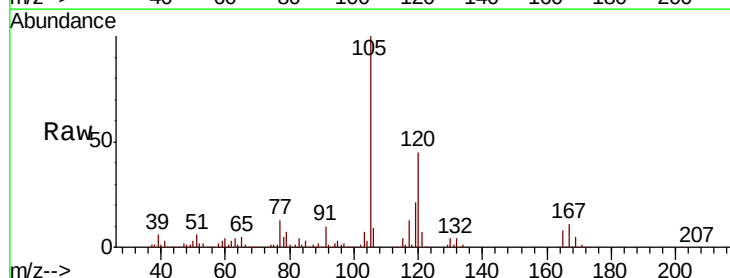
Instrument :
 MSVOA_Y
 ClientSampleId :

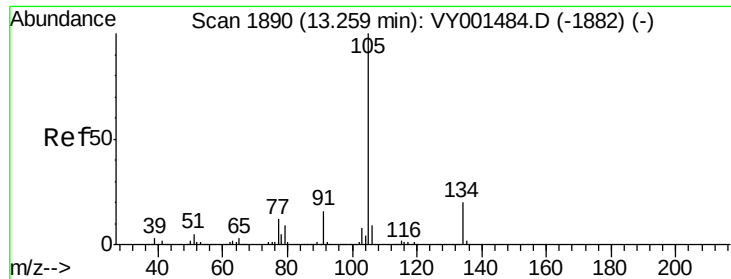
Tot Ion:119 Resp: 154873
 Ion Ratio Lower Upper
 119 100
 91 65.1 33.1 99.3
 134 25.0 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.244 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion:105 Resp: 180617
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 19.663 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

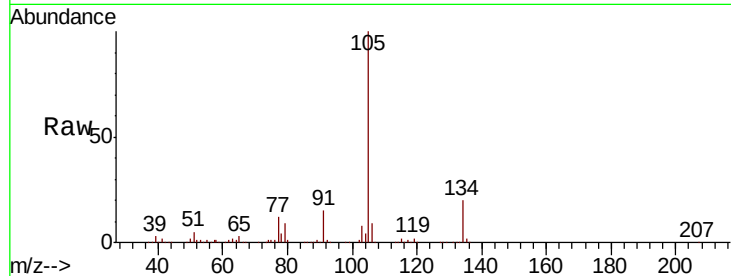
ClientSampleId :

Tot Ion:105 Resp: 221599

Ion Ratio Lower Upper

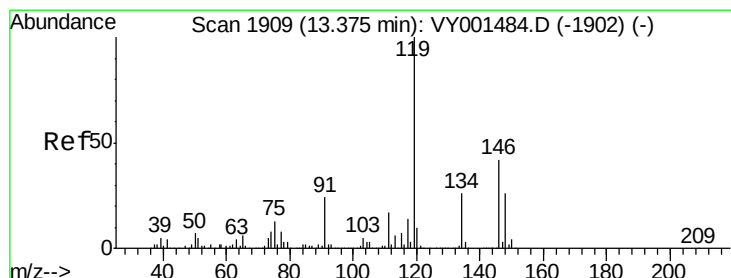
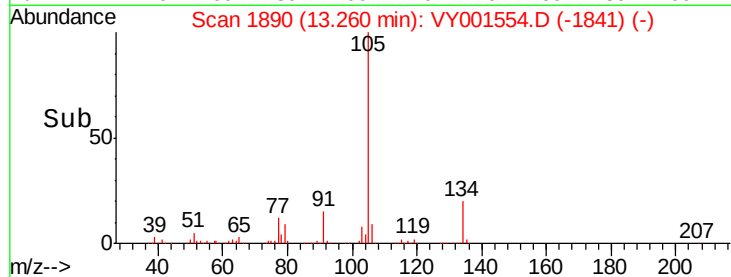
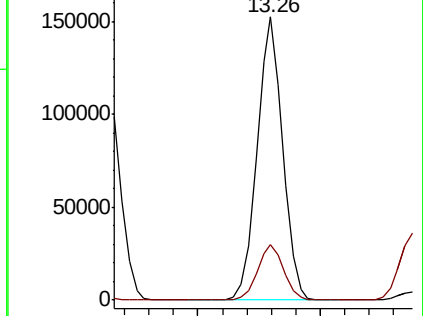
105 100

134 20.0 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.765 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

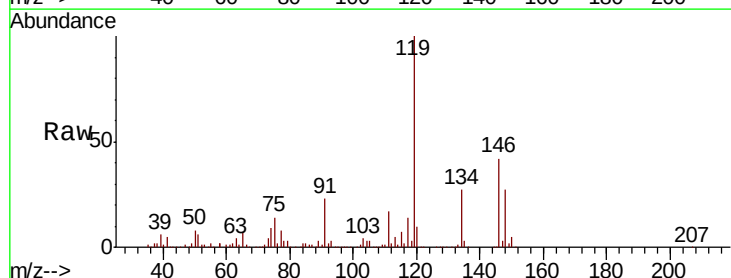
Tgt Ion:119 Resp: 196300

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

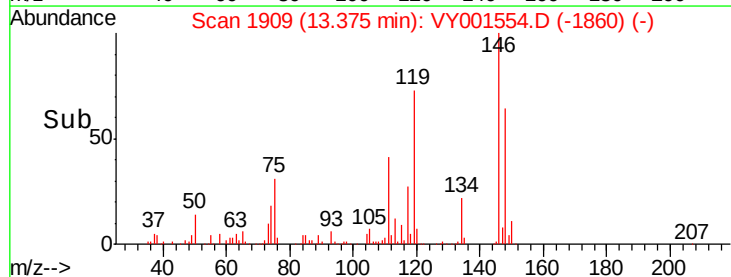
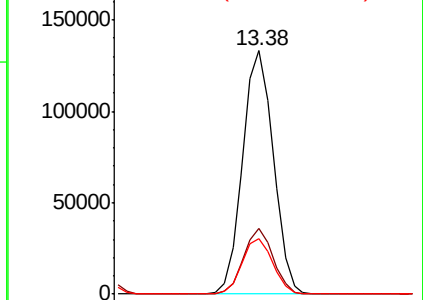
91 23.1 12.2 36.6

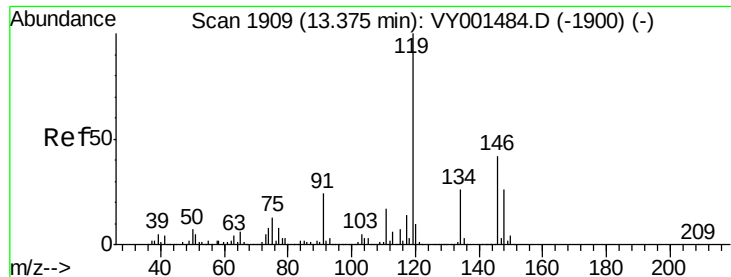


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 19.857 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001554.D

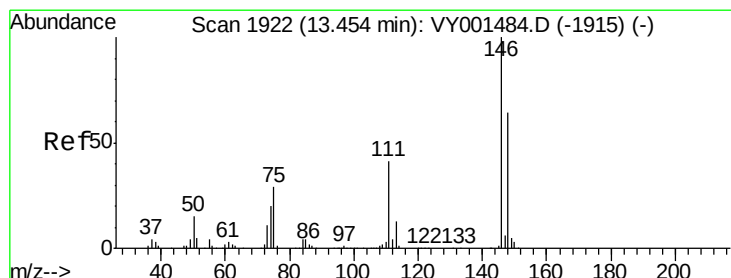
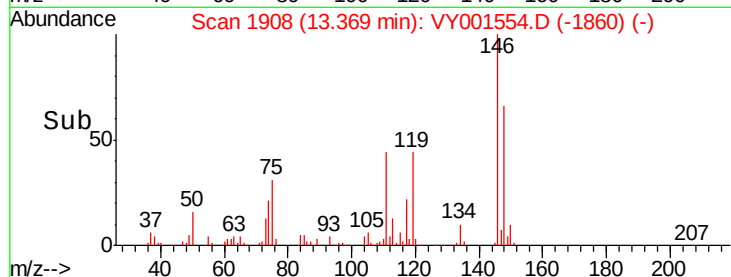
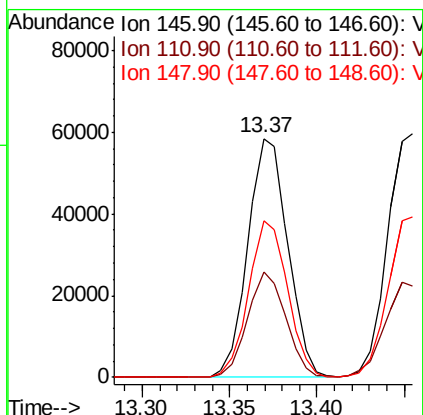
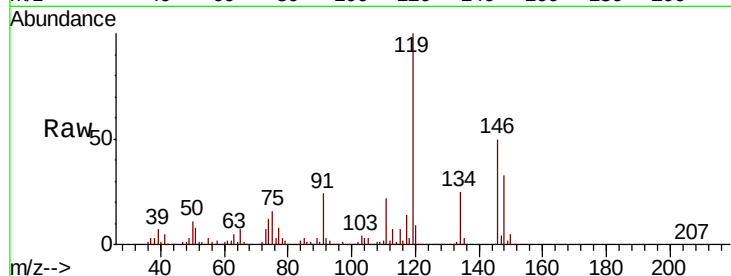
Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:146	Resp:	92732
Ion	Ratio	Lower Upper
146	100	
111	42.5	21.3 63.9
148	64.1	31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.930 ug/l

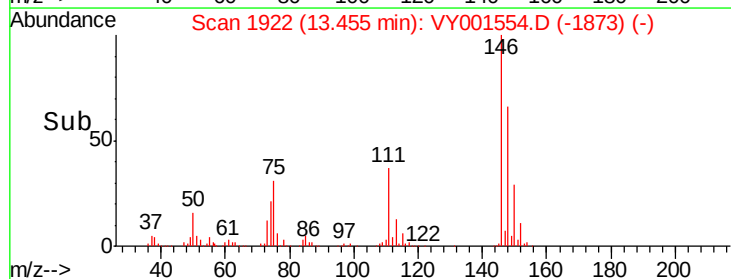
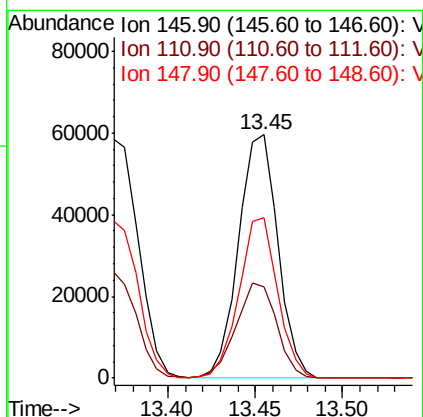
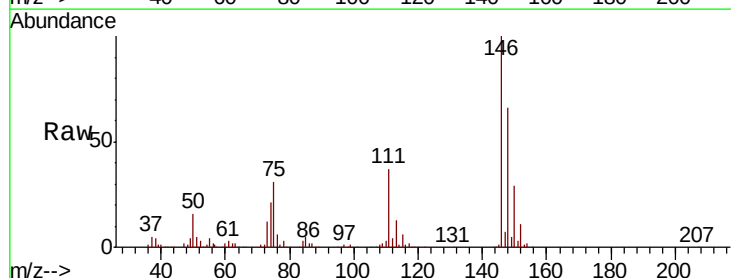
RT: 13.45 min Scan# 1922

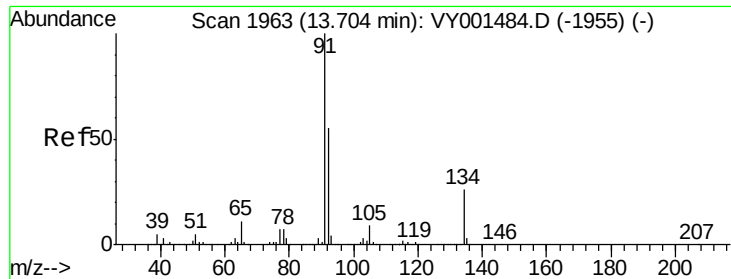
Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Tgt Ion:146	Resp:	93247
Ion	Ratio	Lower Upper
146	100	
111	40.8	20.7 62.1
148	64.7	32.1 96.5





#89

n-Butylbenzene

Concen: 20.135 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001554.D

Acq: 07 Feb 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

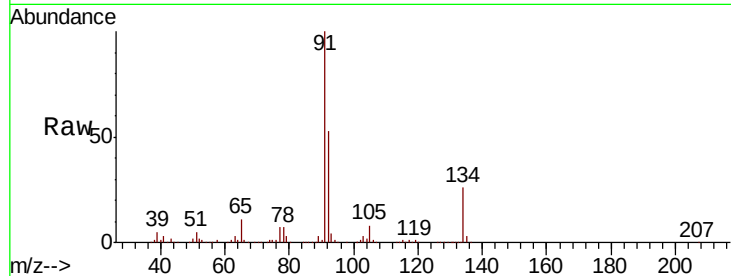
Tot Ion: 91 Resp: 197307

Ion Ratio Lower Upper

91 100

92 53.6 27.3 81.9

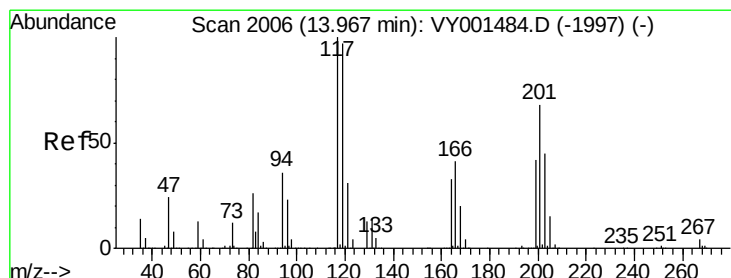
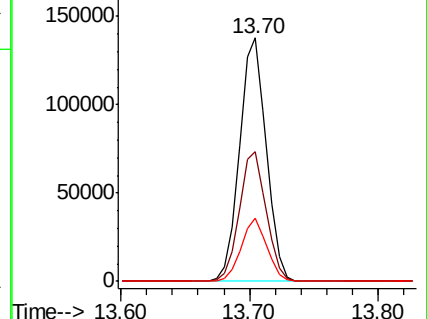
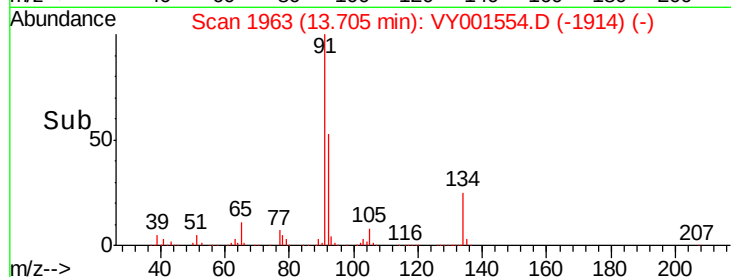
134 24.9 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY001484.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY001484.D (-1955) (-)



#90

Hexachloroethane

Concen: 18.575 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY001554.D

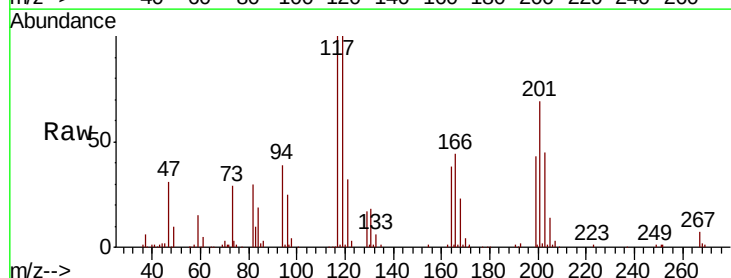
Acq: 07 Feb 2020 15:15

Tgt Ion: 117 Resp: 35408

Ion Ratio Lower Upper

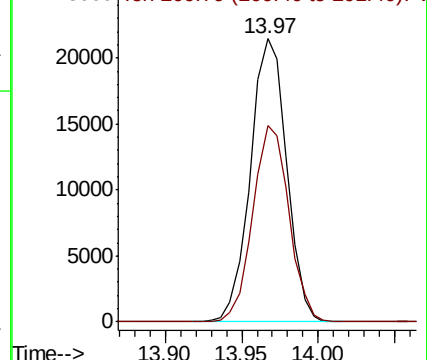
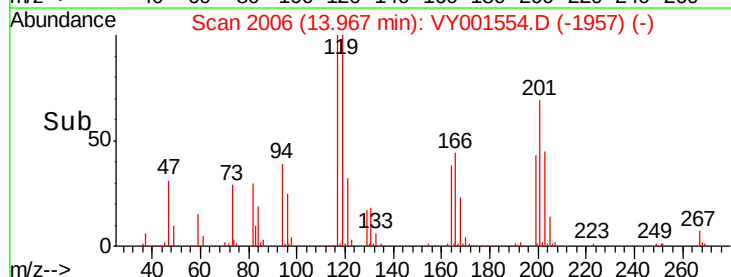
117 100

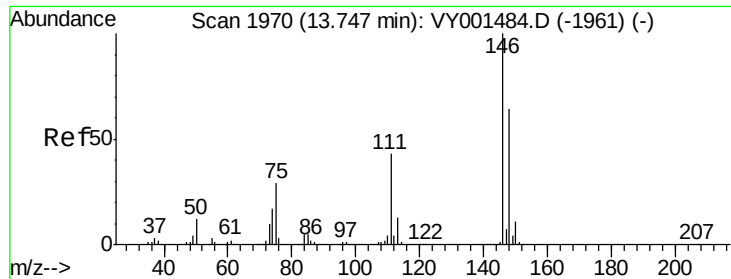
201 69.2 34.1 102.3



Abundance Ion 116.80 (116.50 to 117.50): VY001484.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY001484.D (-1997) (-)

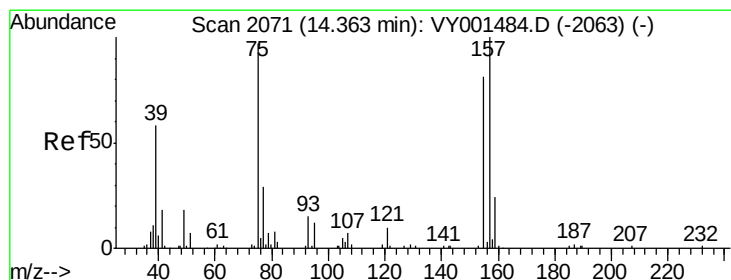
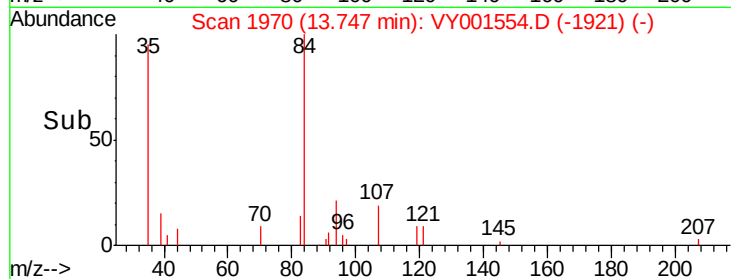
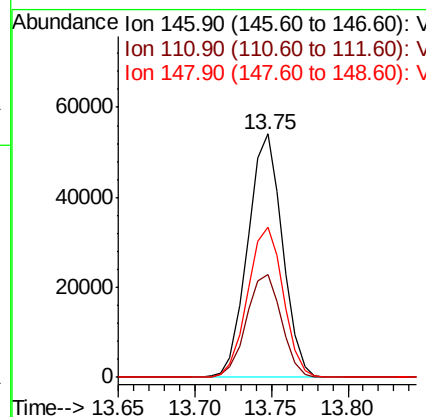
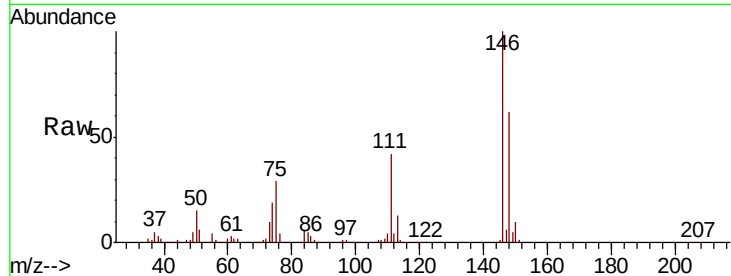




#91
 1,2-Dichlorobenzene
 Concen: 20.129 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

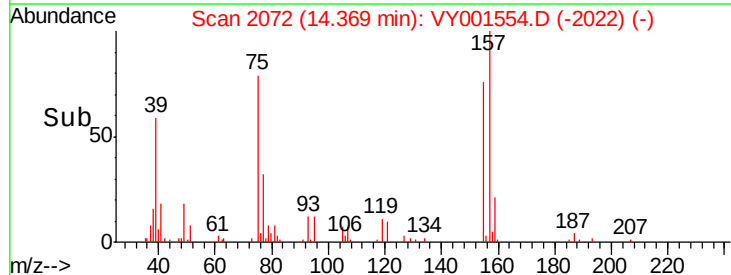
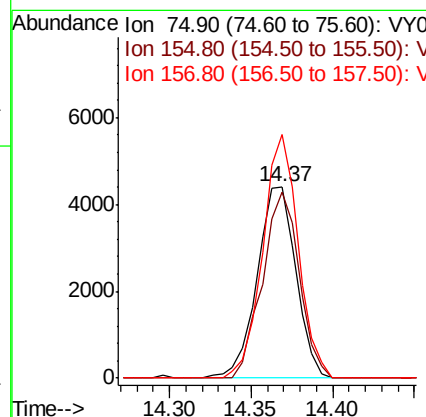
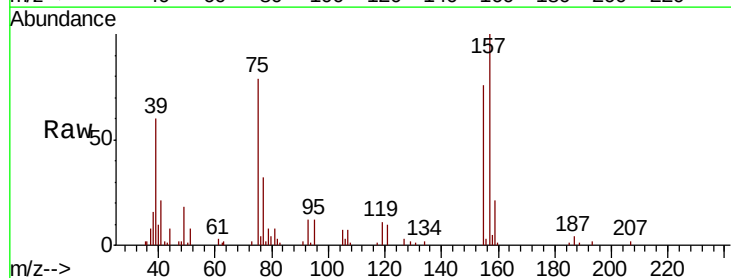
Instrument :
 MSVOA_Y
 ClientSampleId :

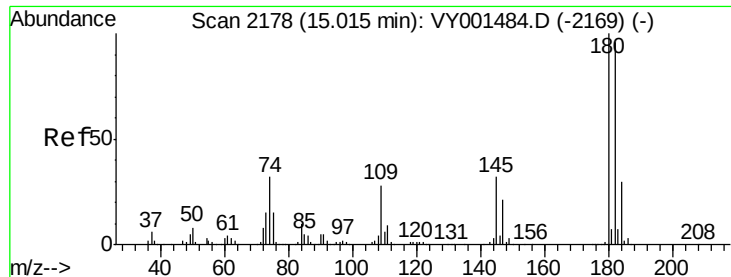
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.8
148	63.2	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.473 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	40.7	122.1
157	116.0	52.3	157.1

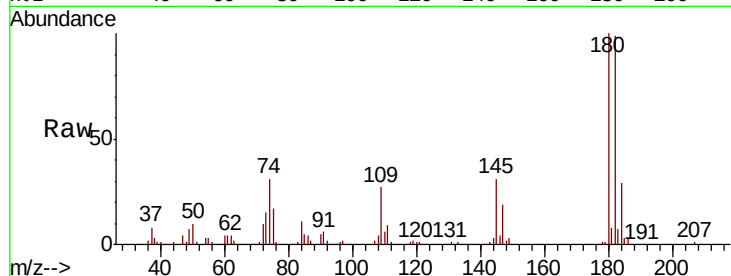




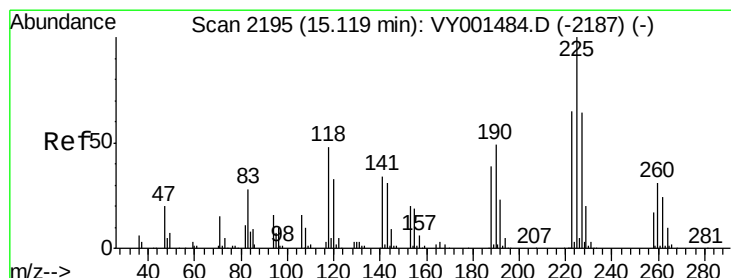
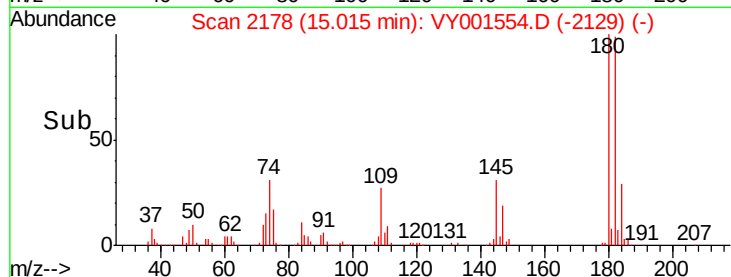
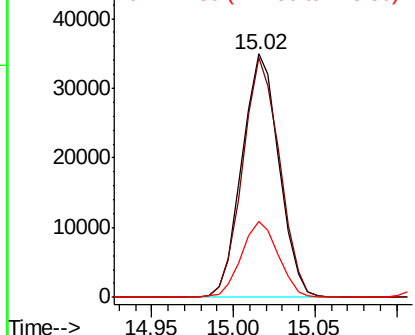
#93
 1,2,4-Trichlorobenzene
 Concen: 19.433 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 55422
 Ion Ratio Lower Upper
 180 100
 182 98.4 46.9 140.7
 145 31.1 16.8 50.3

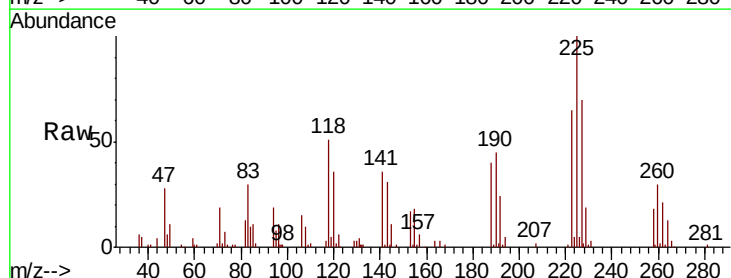


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

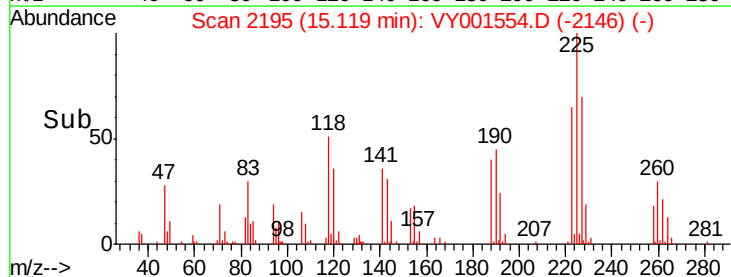
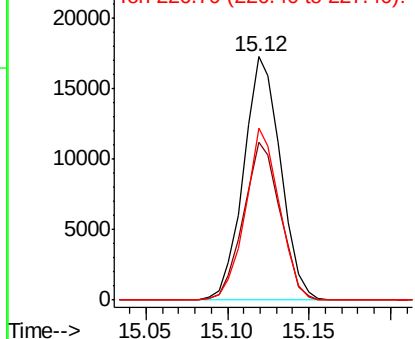


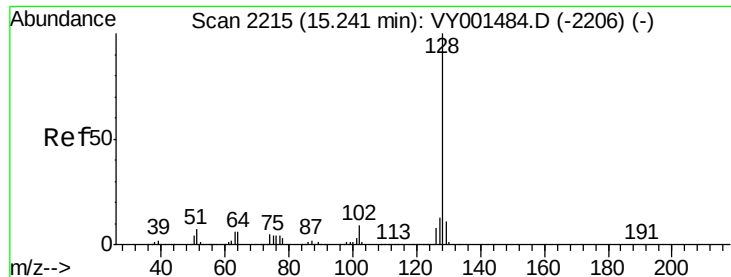
#94
 Hexachlorobutadiene
 Concen: 18.800 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001554.D
 Acq: 07 Feb 2020 15:15

Tgt Ion:225 Resp: 27213
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.9 95.7
 227 65.2 32.6 97.7



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

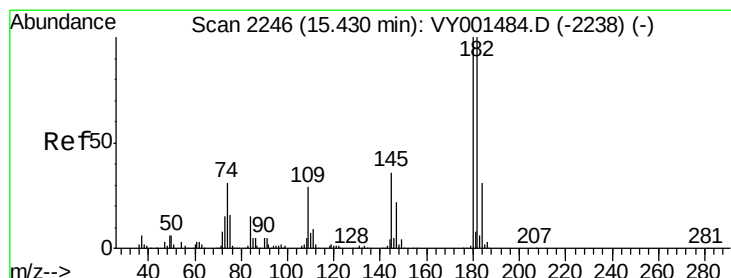
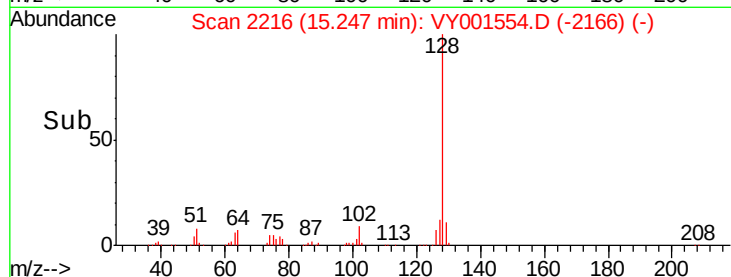
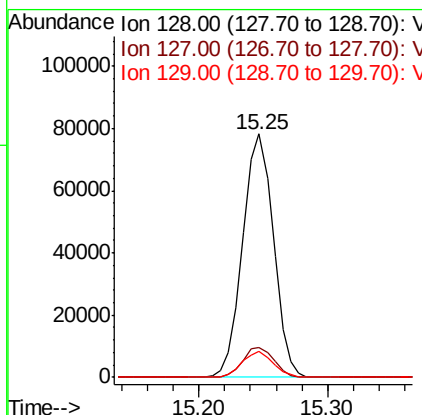
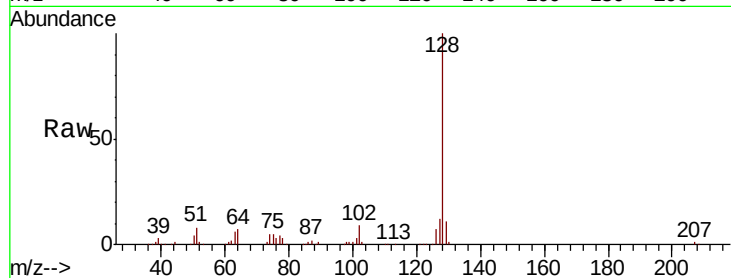




#95
Naphthalene
Concen: 19.247 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 129010
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.766 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001554.D
Acq: 07 Feb 2020 15:15

Tgt Ion:180 Resp: 49761
Ion Ratio Lower Upper
180 100
182 95.4 48.0 144.2
145 33.2 17.8 53.5

