

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002734.D
 Acq On : 21 May 2020 11:50
 Operator : SY/MD
 Sample : VY0521SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 21 13:29:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	397699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	592063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	537610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	278933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	162564	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
35) Dibromofluoromethane	7.72	113	172478	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	10.18	98	688283	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.48	95	235170	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56658	19.881	ug/l	98
3) Chloromethane	2.12	50	65944	20.205	ug/l	100
4) Vinyl Chloride	2.26	62	70035	20.593	ug/l	96
5) Bromomethane	2.64	94	49710	19.721	ug/l	98
6) Chloroethane	2.79	64	42548	19.564	ug/l	99
7) Trichlorofluoromethane	3.13	101	114560	19.988	ug/l	95
8) Diethyl Ether	3.53	74	40881	20.968	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	69804	20.092	ug/l	100
10) Methyl Iodide	4.10	142	90501	18.925	ug/l	99
11) Tert butyl alcohol	4.96	59	35627	112.770	ug/l	98
12) 1,1-Dichloroethene	3.88	96	70245	20.137	ug/l	98
13) Acrolein	3.74	56	35036	94.552	ug/l	97
14) Allyl chloride	4.49	41	103327	20.632	ug/l	98
15) Acrylonitrile	5.17	53	95834	108.555	ug/l	99
16) Acetone	3.95	43	68163	106.291	ug/l	94
17) Carbon Disulfide	4.19	76	216753	19.809	ug/l	100
18) Methyl Acetate	4.49	43	41009	22.428	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	179240	20.715	ug/l	98
20) Methylene Chloride	4.72	84	79764	20.577	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	78515	20.241	ug/l	99
22) Diisopropyl ether	6.12	45	210286	21.164	ug/l	97
23) Vinyl Acetate	6.07	43	674621	106.035	ug/l	99
24) 1,1-Dichloroethane	6.02	63	122276	20.595	ug/l	99
25) 2-Butanone	6.99	43	114865	108.257	ug/l	97
26) 2,2-Dichloropropane	6.99	77	112097	20.292	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	85983	20.514	ug/l	99
28) Bromochloromethane	7.34	49	51791	22.051	ug/l	97
29) Tetrahydrofuran	7.35	42	78789	109.138	ug/l	100
30) Chloroform	7.51	83	124462	20.198	ug/l	97
31) Cyclohexane	7.78	56	120268	19.972	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	114218	20.060	ug/l	100
36) 1,1-Dichloropropene	7.92	75	101274	20.206	ug/l	99
37) Ethyl Acetate	7.08	43	53810	21.828	ug/l	99
38) Carbon Tetrachloride	7.91	117	105620	19.607	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002734.D
 Acq On : 21 May 2020 11:50
 Operator : SY/MD
 Sample : VY0521SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 21 13:29:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	131497	19.512	ug/l	96
40) Benzene	8.16	78	294733	20.154	ug/l	98
41) Methacrylonitrile	7.35	41	70946	47.902	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	77388	20.064	ug/l	99
43) Isopropyl Acetate	8.28	43	98427	21.484	ug/l	100
44) Trichloroethene	8.94	130	92775	19.902	ug/l	97
45) 1,2-Dichloropropane	9.22	63	70896	20.426	ug/l	100
46) Dibromomethane	9.31	93	40606	20.823	ug/l	99
47) Bromodichloromethane	9.50	83	96763	20.332	ug/l	95
48) Methyl methacrylate	9.29	41	43973	20.846	ug/l	99
49) 1,4-Dioxane	9.30	88	11967	450.588	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	255306	107.935	ug/l	100
52) Toluene	10.24	92	189437	20.017	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	104735	20.619	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	121264	20.592	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	60378	20.797	ug/l	98
56) Ethyl methacrylate	10.51	69	82114	21.246	ug/l	97
57) 1,3-Dichloropropane	10.79	76	101021	20.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	200032	104.838	ug/l	99
59) 2-Hexanone	10.83	43	179155	108.714	ug/l	99
60) Dibromochloromethane	10.99	129	75635	20.393	ug/l	98
61) 1,2-Dibromoethane	11.09	107	58927	20.602	ug/l	99
64) Tetrachloroethene	10.72	164	102605	20.103	ug/l	98
65) Chlorobenzene	11.52	112	208594	20.079	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	78461	20.350	ug/l	99
67) Ethyl Benzene	11.59	91	364753	19.997	ug/l	99
68) m/p-Xylenes	11.70	106	285405	40.218	ug/l	99
69) o-Xylene	12.03	106	133522	20.047	ug/l	100
70) Styrene	12.05	104	230099	20.121	ug/l	99
71) Bromoform	12.20	173	49072	20.590	ug/l #	99
73) Isopropylbenzene	12.33	105	363107	19.922	ug/l	99
74) N-amyl acetate	12.14	43	92256	21.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	56505	21.053	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	90004	39.280	ug/l #	100
77) Bromobenzene	12.61	156	93784	20.582	ug/l	99
78) n-propylbenzene	12.67	91	424788	20.035	ug/l	100
79) 2-Chlorotoluene	12.75	91	234898	19.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	307447	20.076	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	25156	20.763	ug/l #	78
82) 4-Chlorotoluene	12.86	91	246690	20.027	ug/l	99
83) tert-Butylbenzene	13.08	119	270336	19.946	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	308444	20.153	ug/l	99
85) sec-Butylbenzene	13.25	105	373248	19.957	ug/l	100
86) p-Isopropyltoluene	13.37	119	348892	19.930	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	175854	20.016	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	176240	20.149	ug/l	99
89) n-Butylbenzene	13.70	91	316603	19.693	ug/l	99
90) Hexachloroethane	13.96	117	63650	19.630	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	157841	20.033	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10984	21.341	ug/l	98

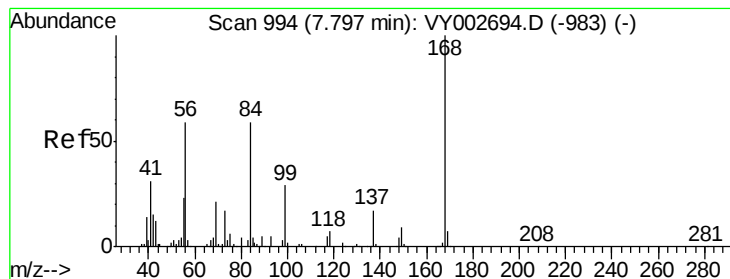
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
Data File : VY002734.D
Acq On : 21 May 2020 11:50
Operator : SY/MD
Sample : VY0521SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 21 13:29:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	115923	18.396	ug/l	99
94) Hexachlorobutadiene	15.11	225	69043	18.020	ug/l	99
95) Naphthalene	15.23	128	213482	19.673	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	98800	18.289	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

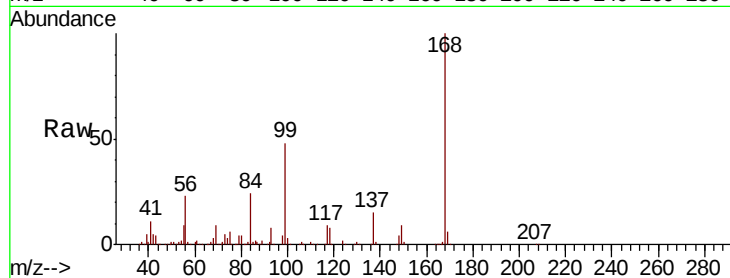
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 397699

Ion Ratio Lower Upper

168 100

99 47.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002734.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002734.D (-945) (-)

7.80

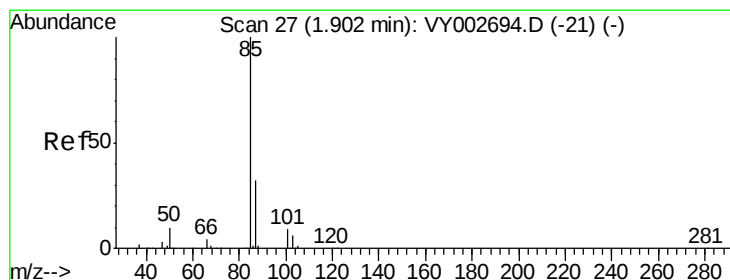
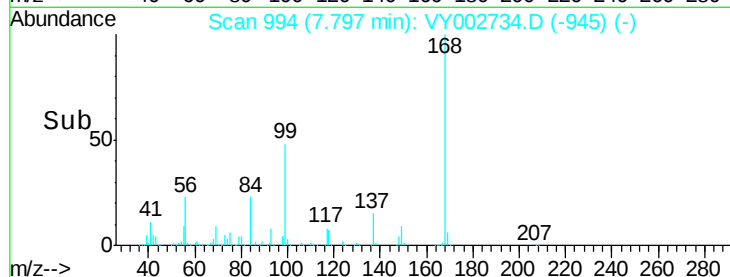
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.881 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002734.D

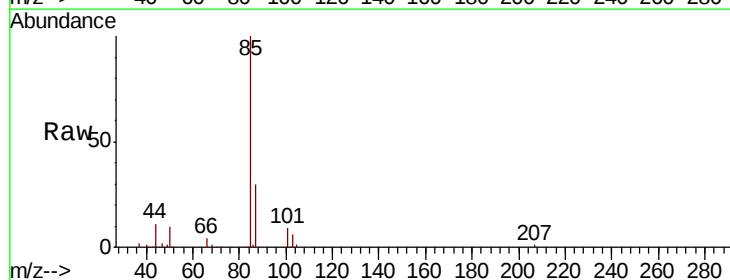
Acq: 21 May 2020 11:50

Tgt Ion: 85 Resp: 56658

Ion Ratio Lower Upper

85 100

87 30.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002734.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002734.D (-1) (-)

1.90

40000

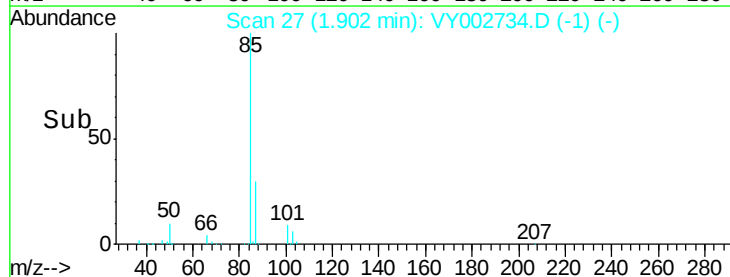
30000

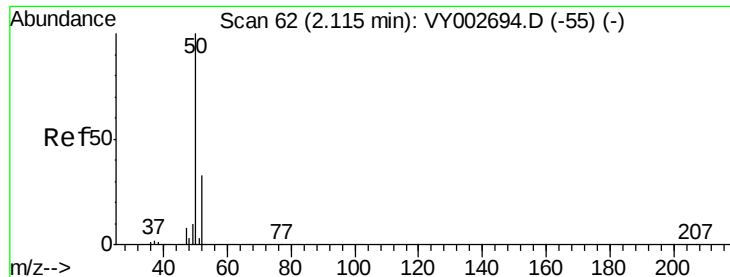
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.205 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

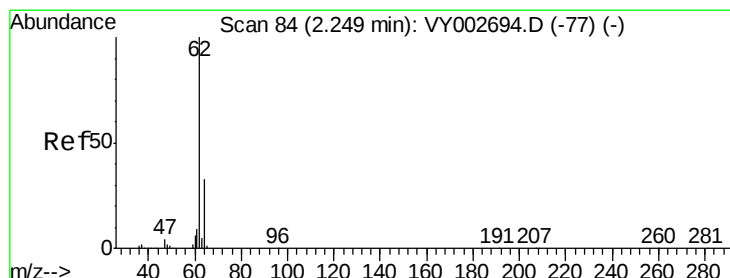
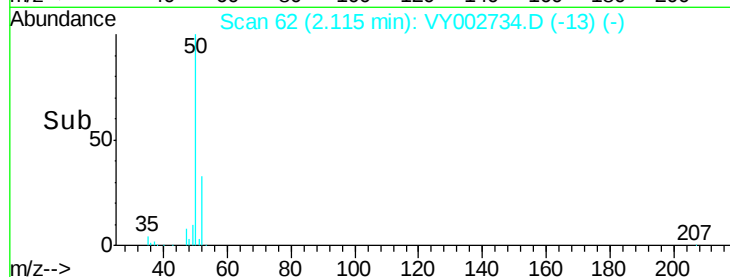
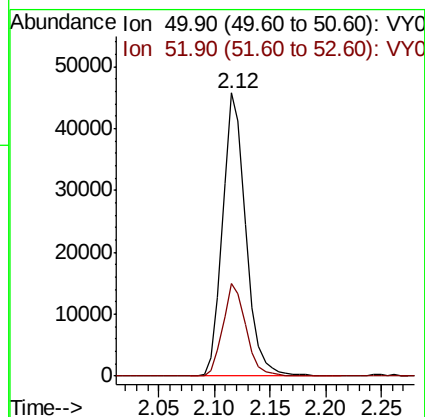
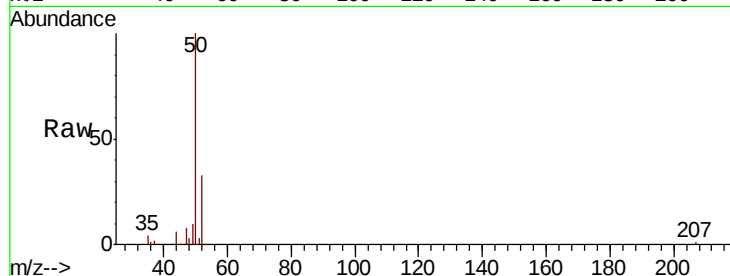
ClientSampleId :

Tot Ion: 50 Resp: 65944

Ion Ratio Lower Upper

50 100

52 32.8 26.3 39.5



#4

Vinyl Chloride

Concen: 20.593 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002734.D

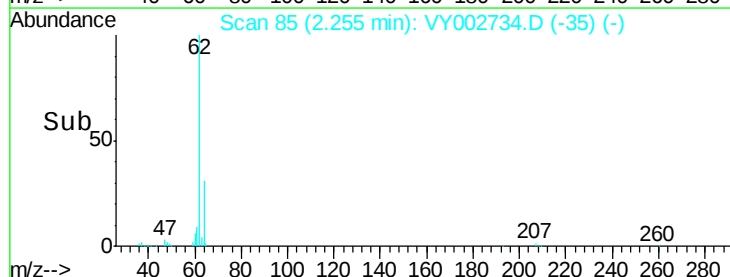
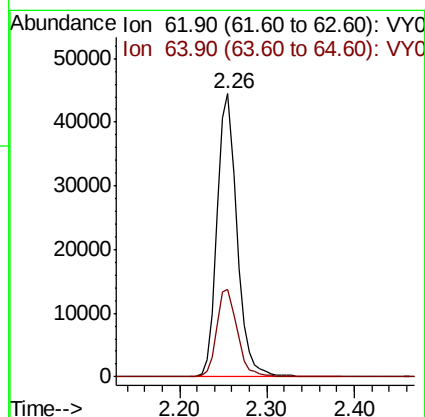
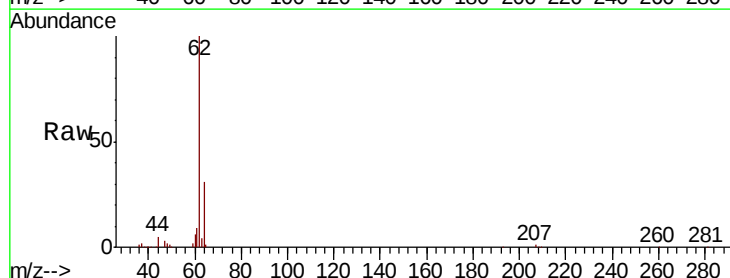
Acq: 21 May 2020 11:50

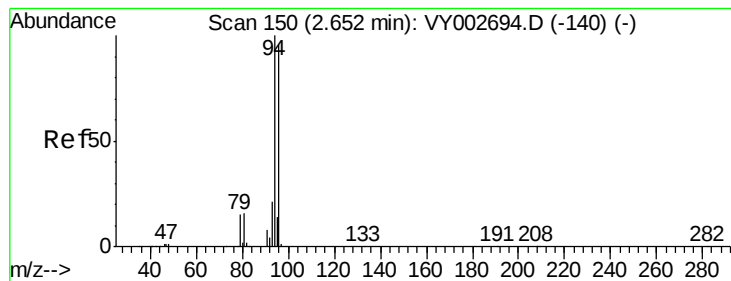
Tgt Ion: 62 Resp: 70035

Ion Ratio Lower Upper

62 100

64 30.8 26.2 39.4





#5

Bromomethane

Concen: 19.721 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

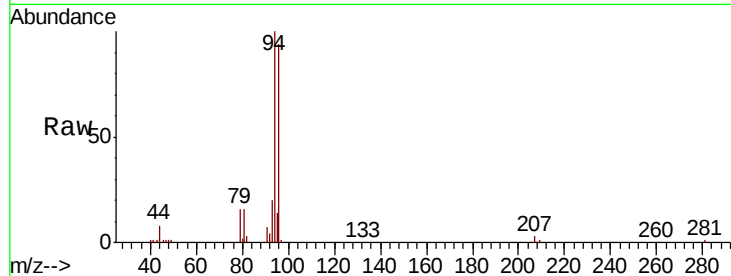
ClientSampleId :

Tot Ion: 94 Resp: 49710

Ion Ratio Lower Upper

94 100

96 94.2 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

20000

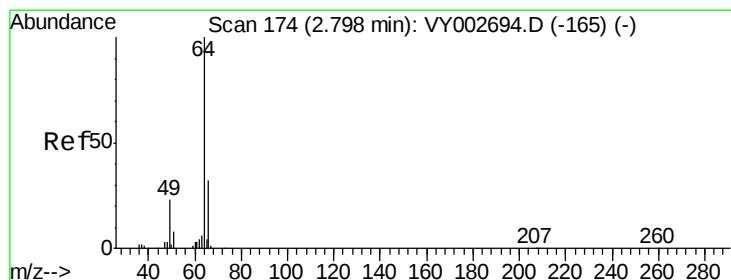
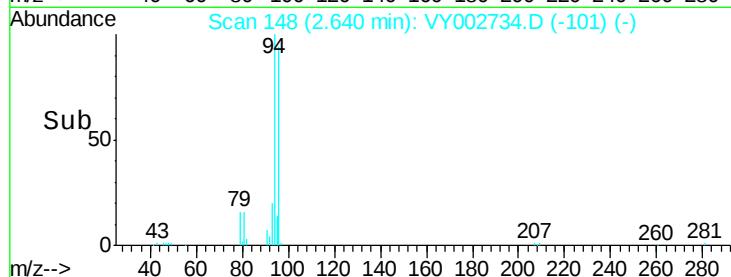
15000

10000

5000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 19.564 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002734.D

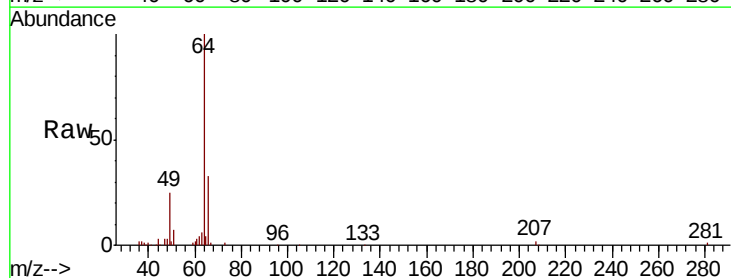
Acq: 21 May 2020 11:50

Tgt Ion: 64 Resp: 42548

Ion Ratio Lower Upper

64 100

66 32.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

20000

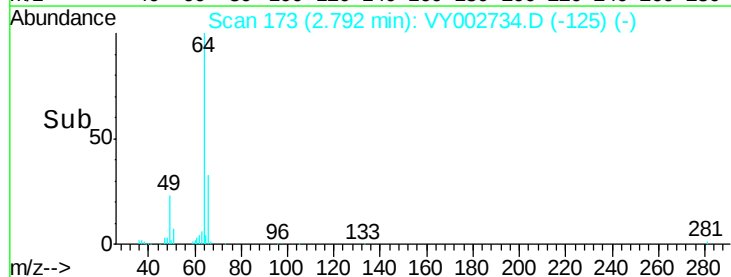
15000

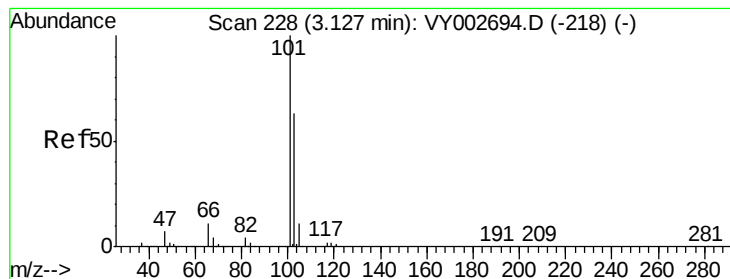
10000

5000

0

Time--> 2.70 2.80 2.90



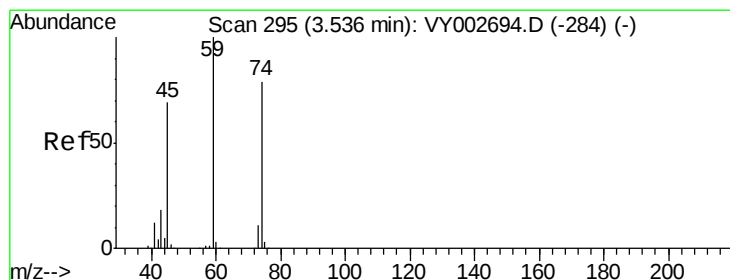
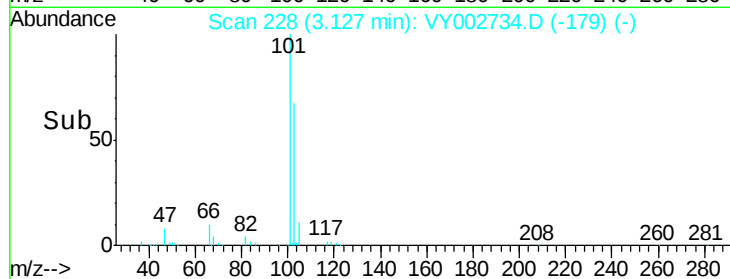
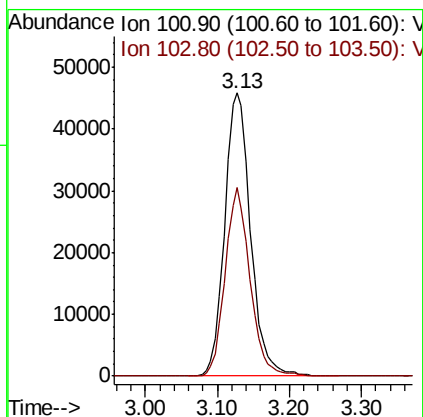
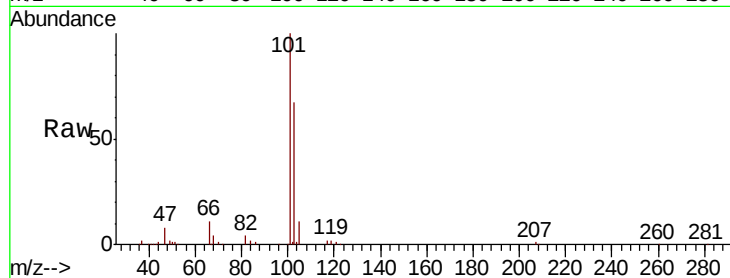


#7

Trichlorofluoromethane
 Concen: 19.988 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampled :

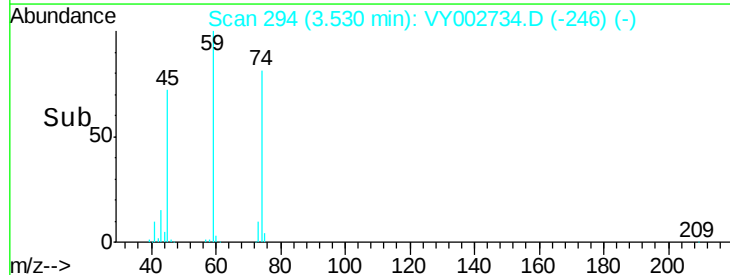
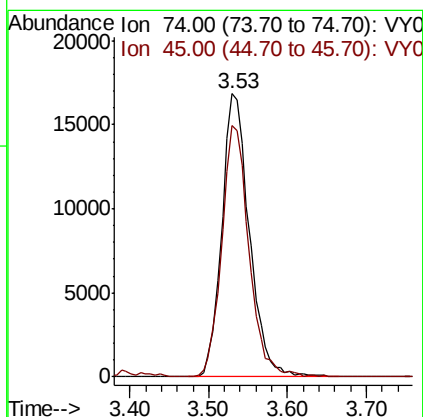
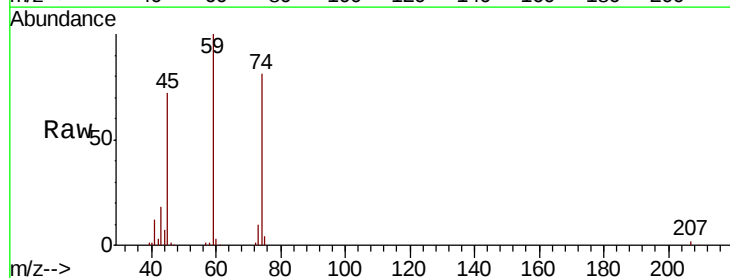
Tot Ion:101 Resp: 114560
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.6 75.8

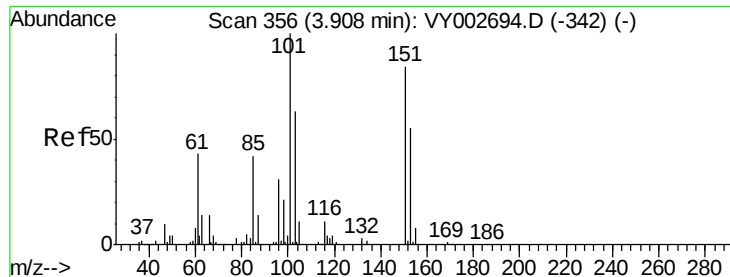


#8

Diethyl Ether
 Concen: 20.968 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

Tgt Ion: 74 Resp: 40881
 Ion Ratio Lower Upper
 74 100
 45 88.1 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.092 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

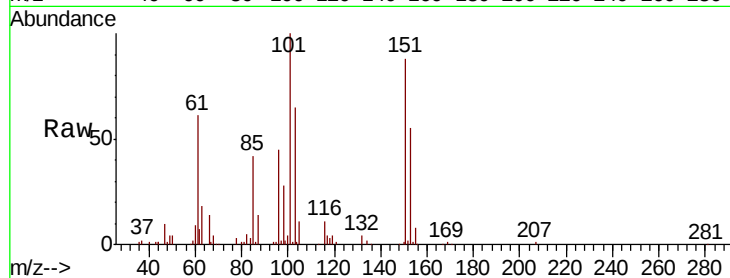
Tot Ion:101 Resp: 69804

Ion Ratio Lower Upper

101 100

85 42.0 33.5 50.3

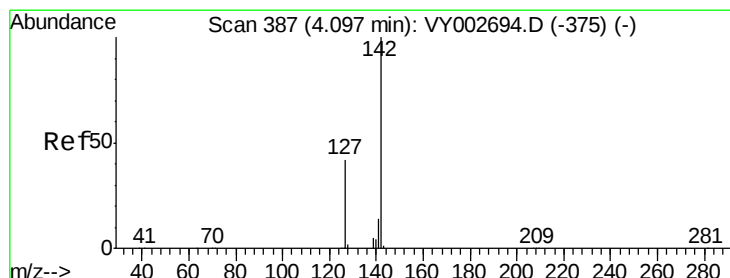
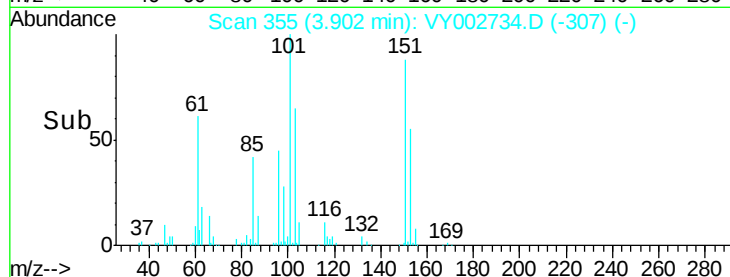
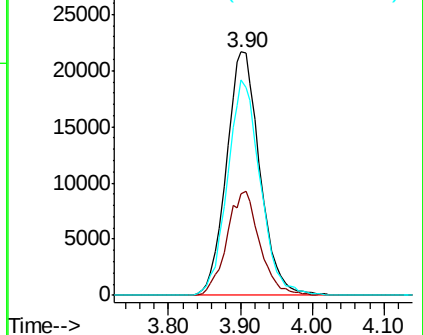
151 87.1 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.925 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

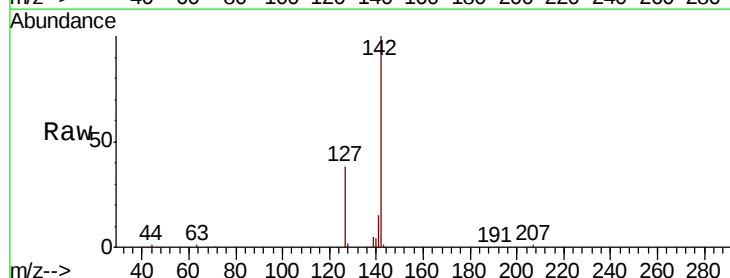
Tgt Ion:142 Resp: 90501

Ion Ratio Lower Upper

142 100

127 40.5 32.8 49.2

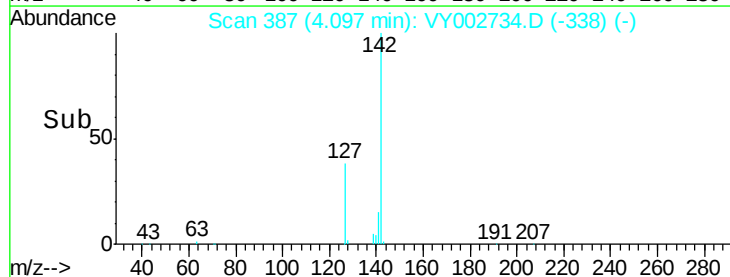
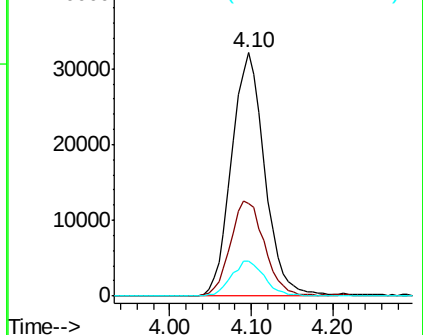
141 14.5 11.3 16.9

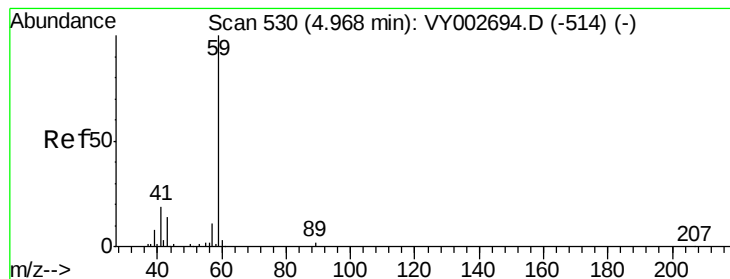


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 112.770 ug/l

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

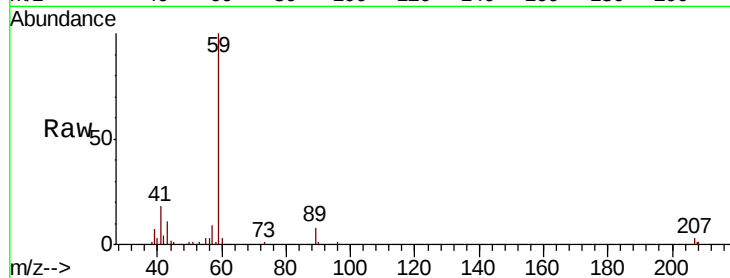
ClientSampleId :

Tot Ion: 59 Resp: 35627

Ion Ratio Lower Upper

59 100

57 10.2 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

12000

10000

8000

6000

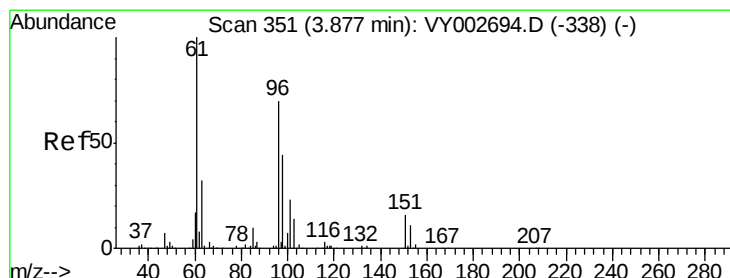
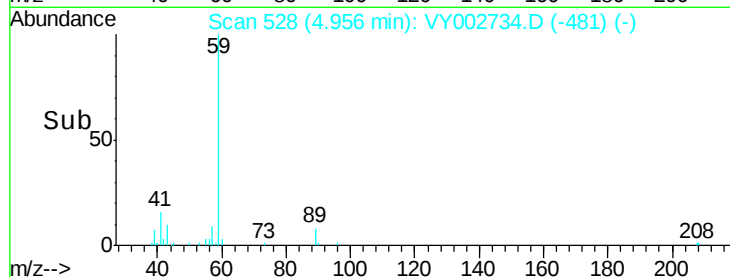
4000

2000

0

4.80 4.90 5.00 5.10

Time-->



#12

1,1-Dichloroethene

Concen: 20.137 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

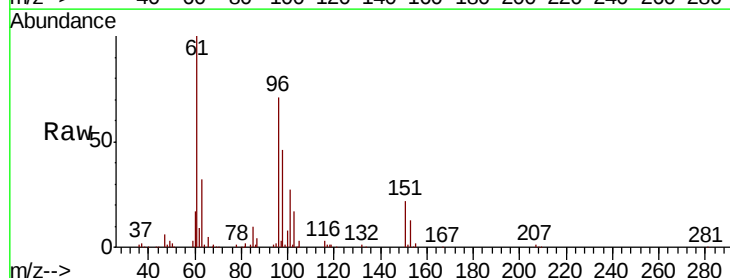
Tgt Ion: 96 Resp: 70245

Ion Ratio Lower Upper

96 100

61 140.5 113.8 170.8

98 64.9 50.4 75.6



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

50000

40000

30000

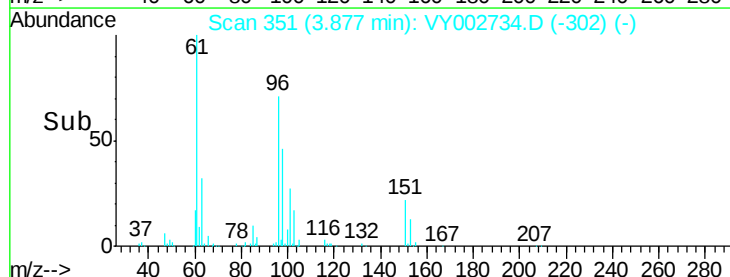
20000

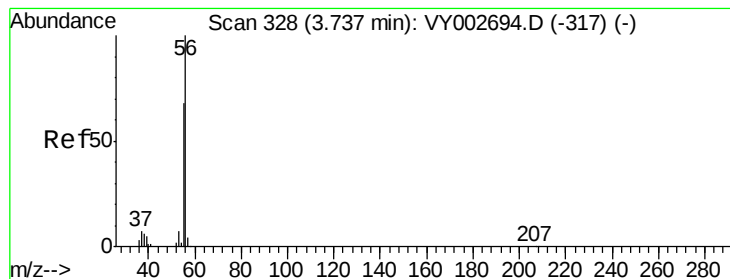
10000

0

3.80 3.90 4.00

Time-->





#13

Acrolein

Concen: 94.552 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

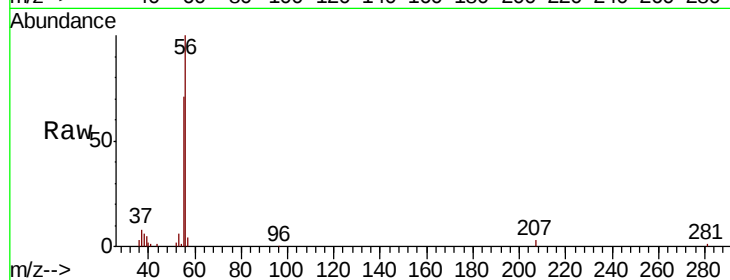
ClientSampleId :

Tot Ion: 56 Resp: 35036

Ion Ratio Lower Upper

56 100

55 70.7 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

15000

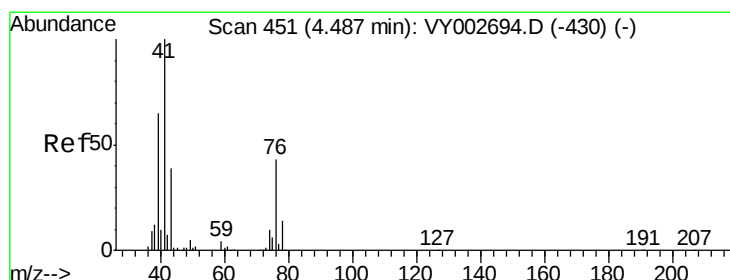
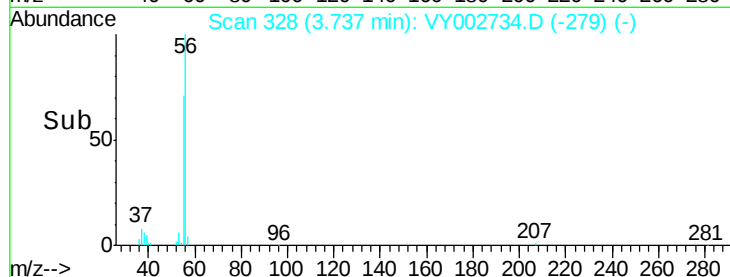
10000

5000

0

3.74

Time-->



#14

Allyl chloride

Concen: 20.632 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

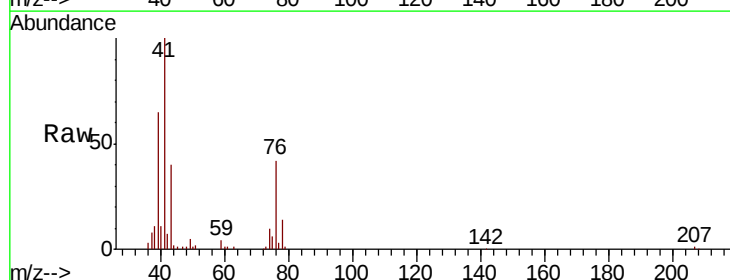
Tgt Ion: 41 Resp: 103327

Ion Ratio Lower Upper

41 100

39 61.5 50.3 75.5

76 40.7 33.2 49.8



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

40000

30000

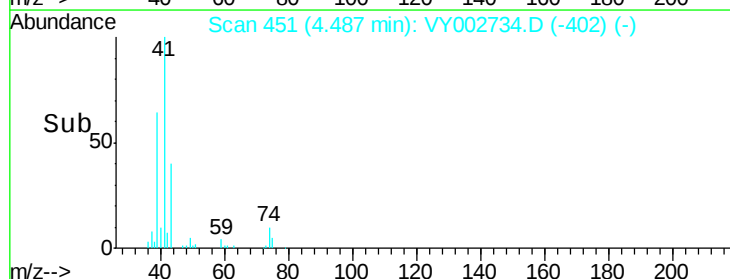
20000

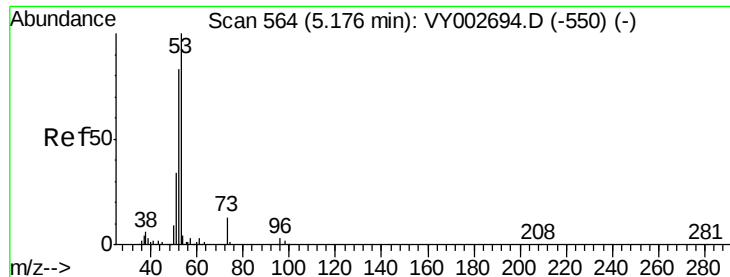
10000

0

4.49

Time-->





#15

Acrylonitrile

Concen: 108.555 ug/l

RT: 5.17 min Scan# 563

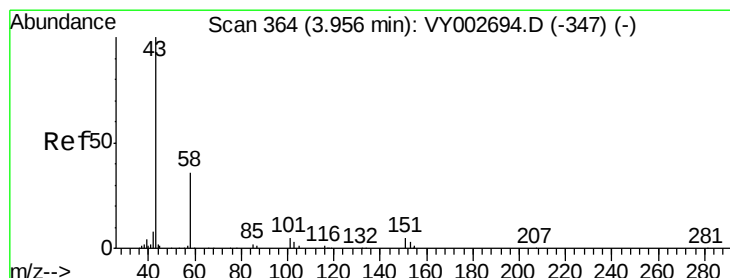
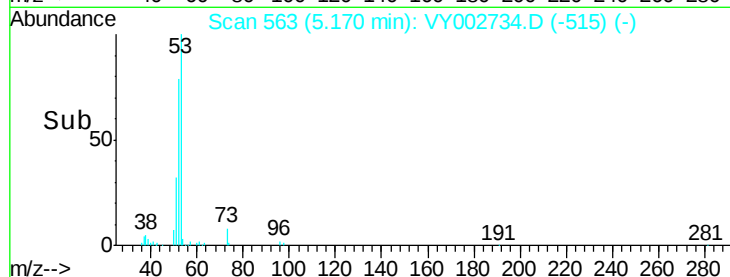
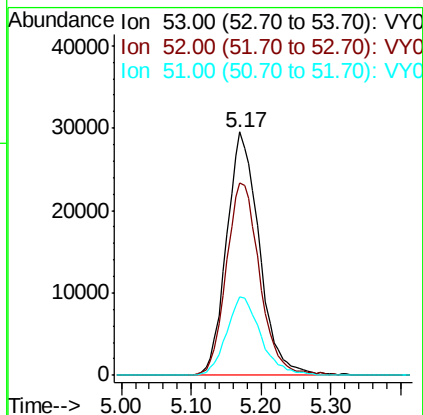
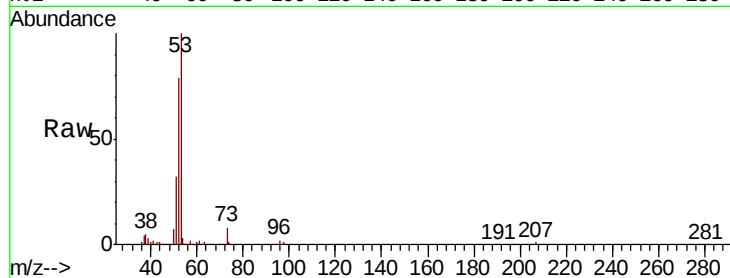
Delta R.T. -0.01 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	95834
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.0	97.6
51	33.9	27.9	41.9



#16

Acetone

Concen: 106.291 ug/l

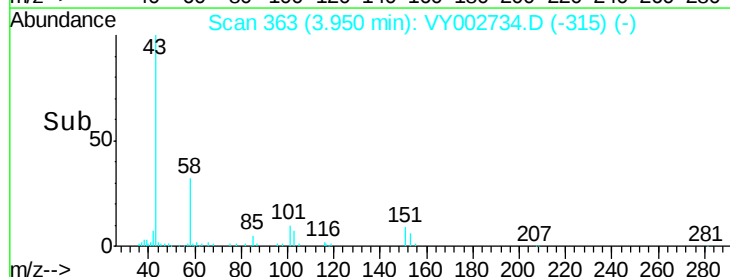
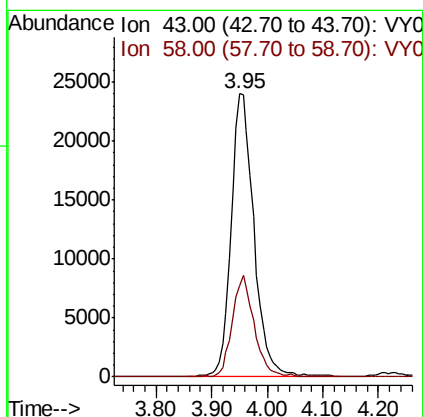
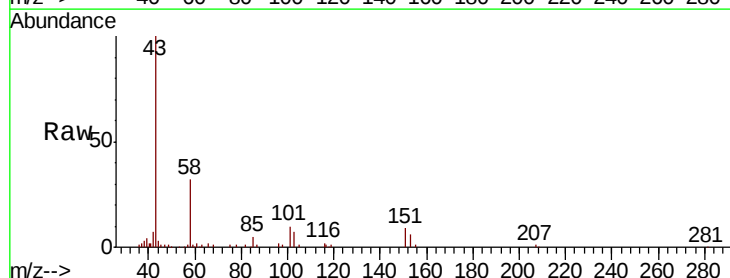
RT: 3.95 min Scan# 363

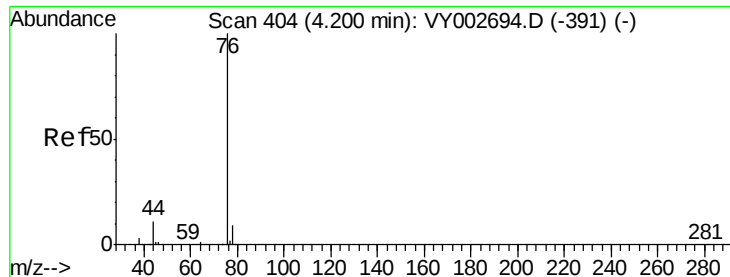
Delta R.T. -0.01 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Tgt Ion:	43	Resp:	68163
Ion	Ratio	Lower	Upper
43	100		
58	32.3	28.6	43.0

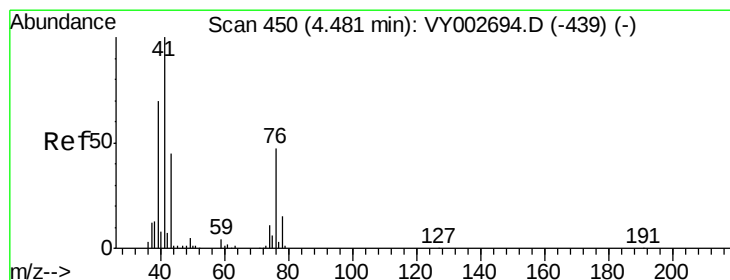
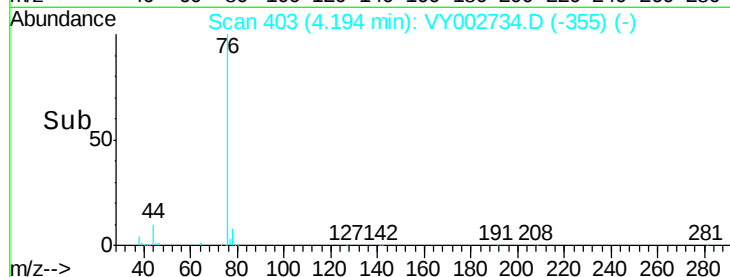
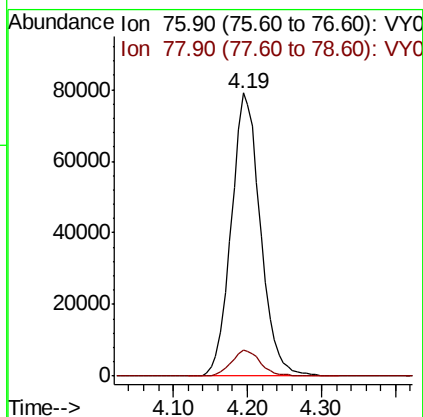
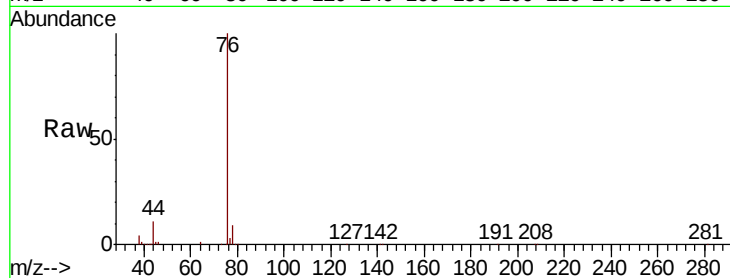




#17
Carbon Disulfide
Concen: 19.809 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

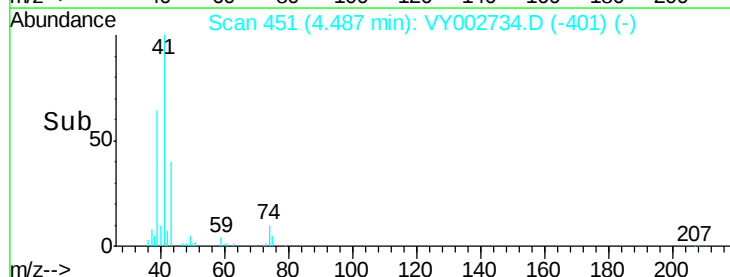
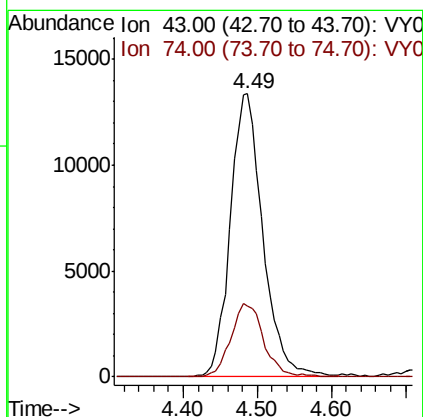
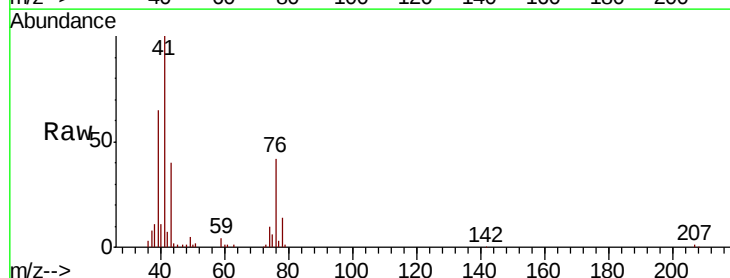
Instrument :
MSVOA_Y
ClientSampleId :

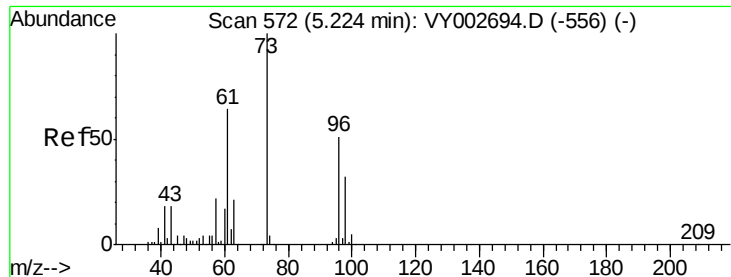
Tot Ion: 76 Resp: 216753
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 22.428 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 43 Resp: 41009
Ion Ratio Lower Upper
43 100
74 26.1 21.1 31.7

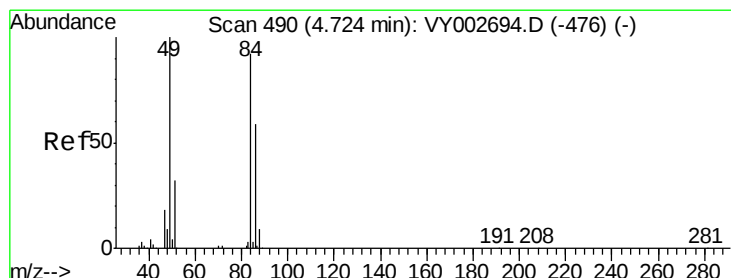
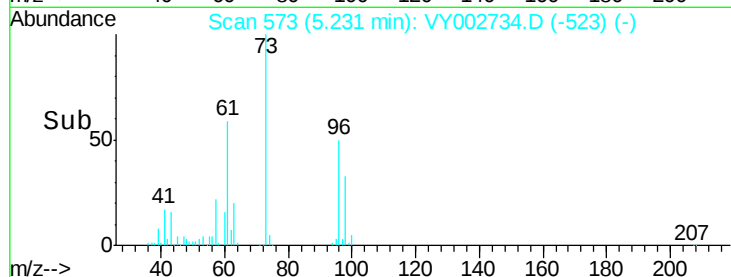
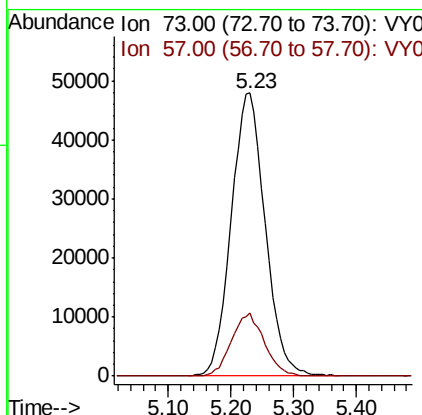
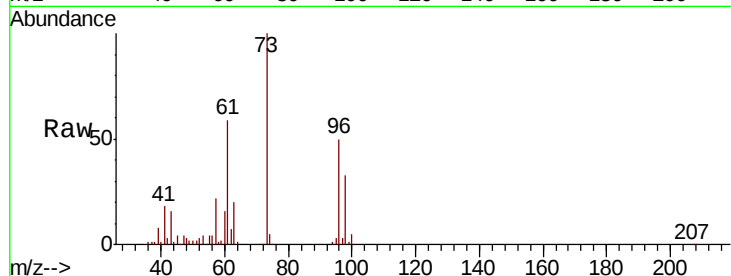




#19
Methyl tert-butyl Ether
Concen: 20.715 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

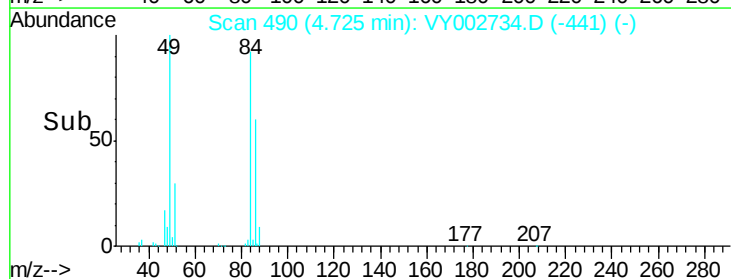
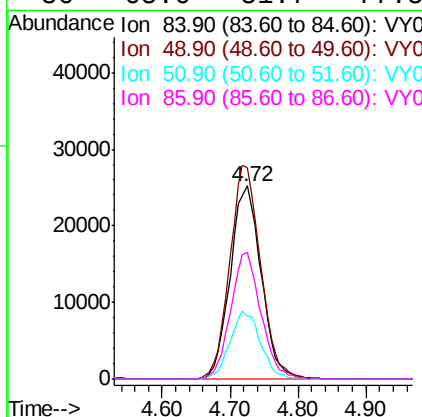
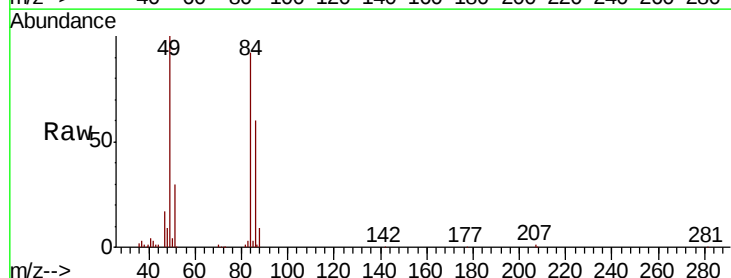
Instrument :
MSVOA_Y
ClientSampled :

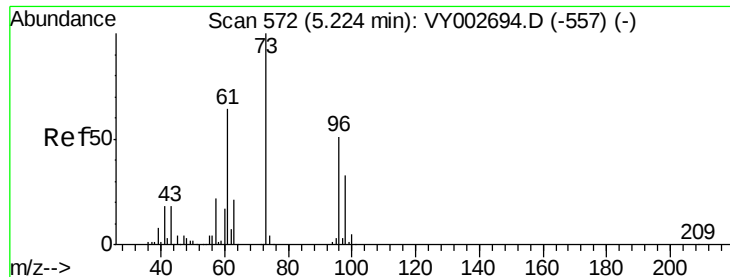
Tot Ion: 73 Resp: 179240
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 20.577 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 84 Resp: 79764
Ion Ratio Lower Upper
84 100
49 109.0 87.4 131.0
51 32.2 27.9 41.9
86 65.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.241 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampled :

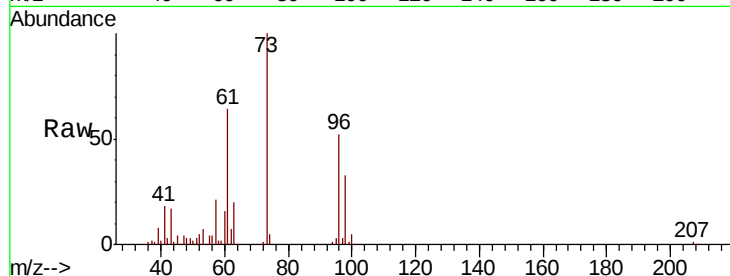
Tot Ion: 96 Resp: 78515

Ion Ratio Lower Upper

96 100

61 122.8 99.6 149.4

98 63.1 50.6 76.0

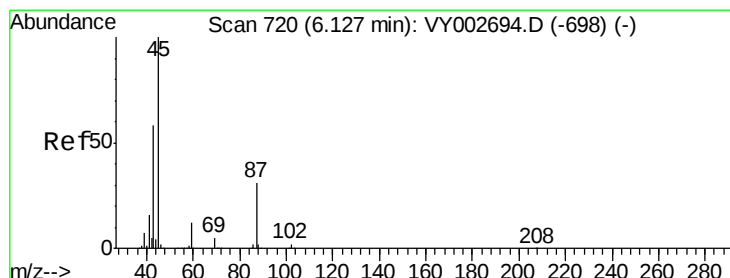
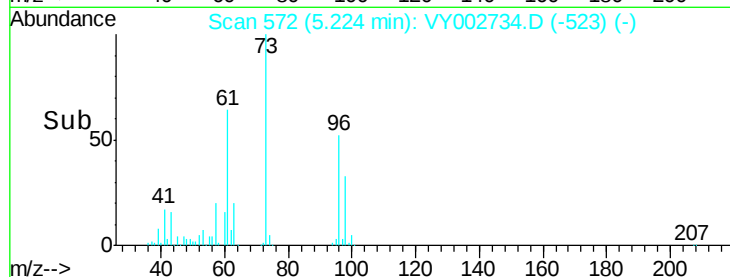
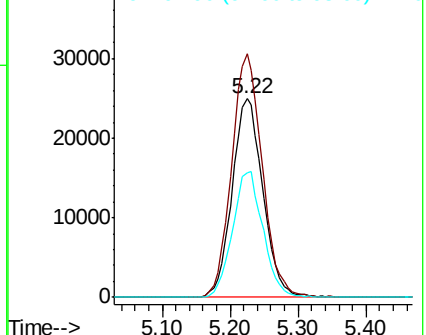


Abundance

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: 21.164 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Tgt Ion: 45 Resp: 210286

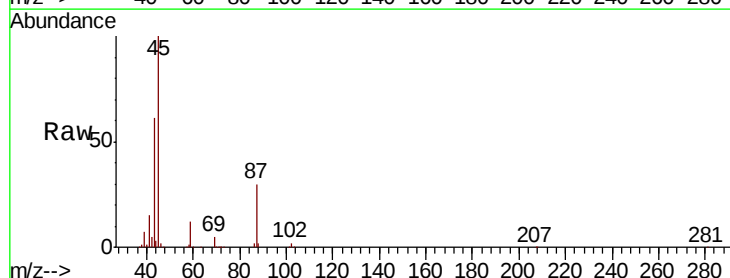
Ion Ratio Lower Upper

45 100

43 60.3 46.1 69.1

87 29.8 24.9 37.3

59 12.1 9.8 14.8



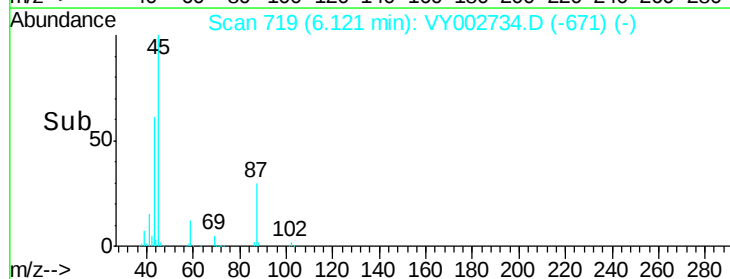
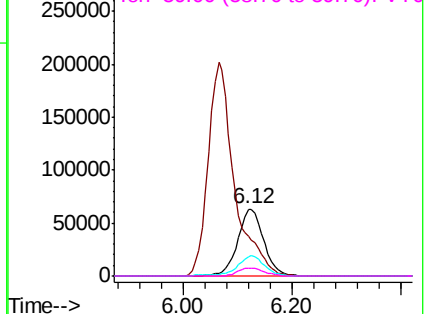
Abundance

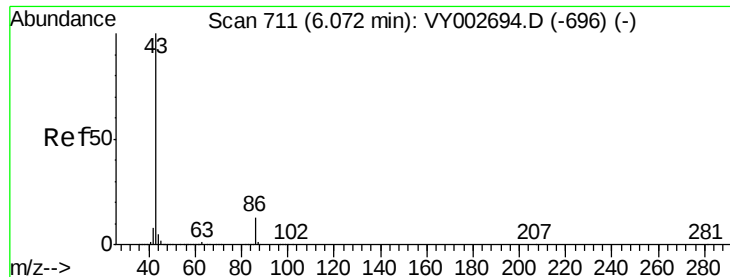
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 106.035 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

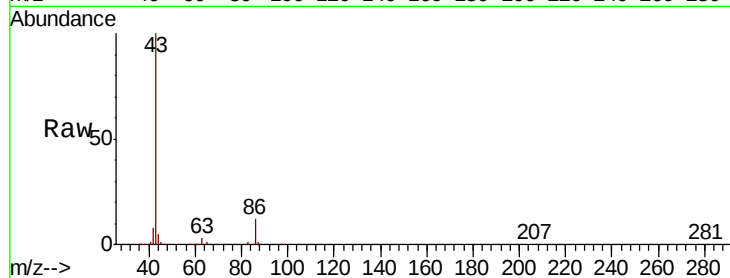
ClientSampleId :

Tot Ion: 43 Resp: 674621

Ion Ratio Lower Upper

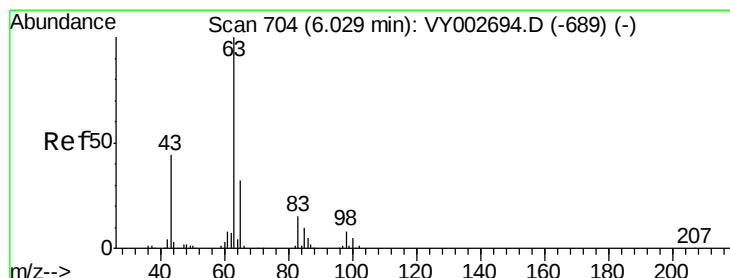
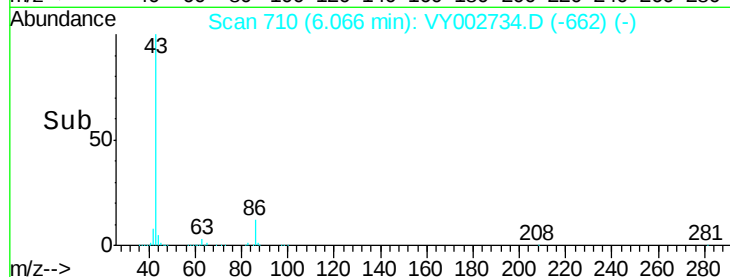
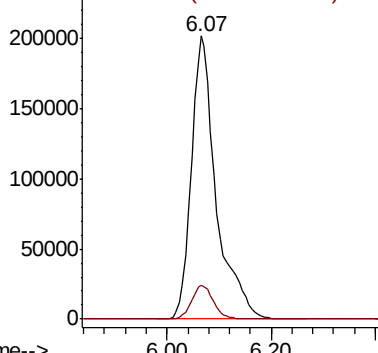
43 100

86 12.1 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.595 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

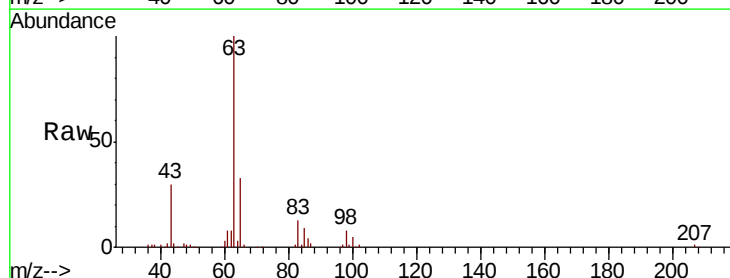
Tgt Ion: 63 Resp: 122276

Ion Ratio Lower Upper

63 100

98 7.7 4.0 11.9

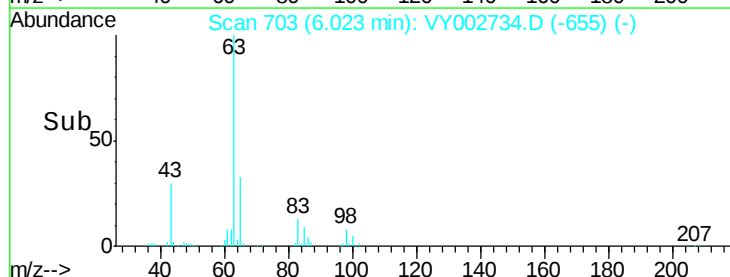
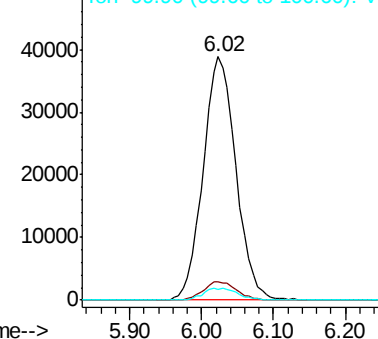
100 4.5 2.5 7.6



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

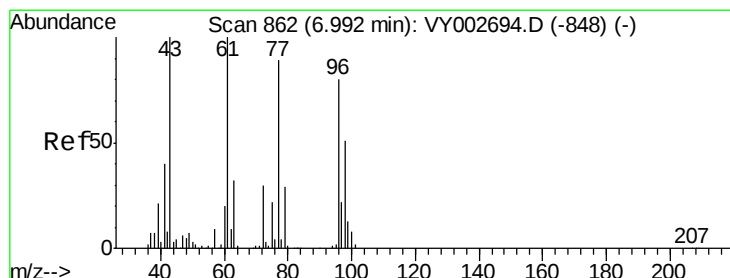
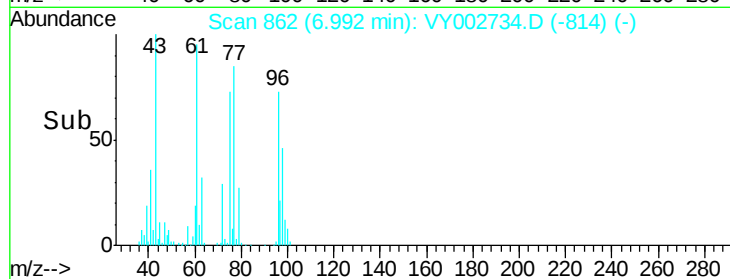
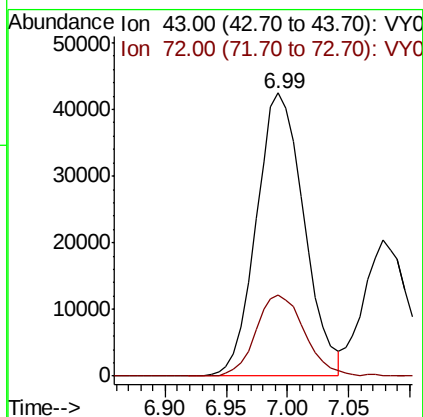
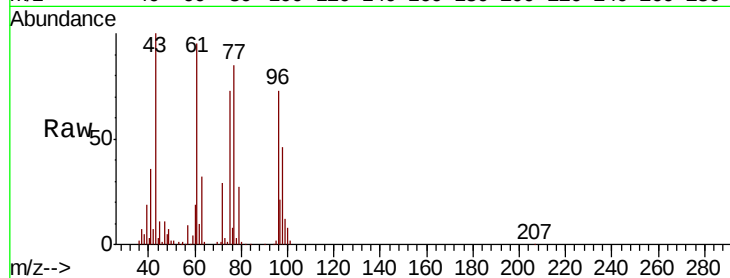




#25
2-Butanone
Concen: 108.257 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

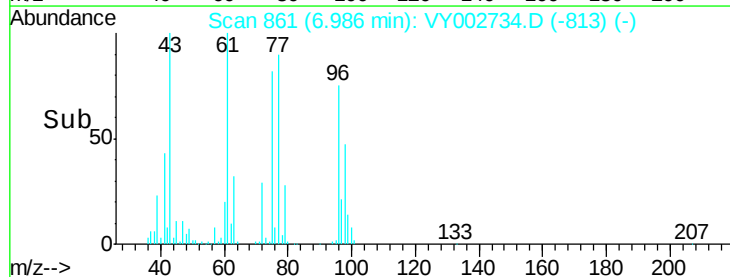
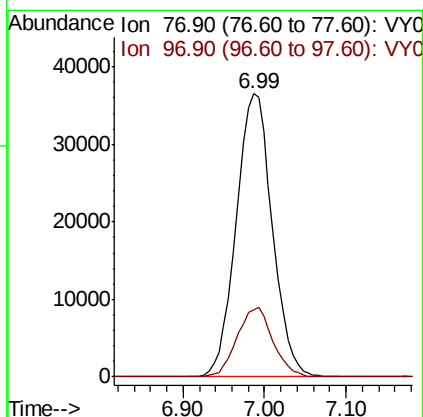
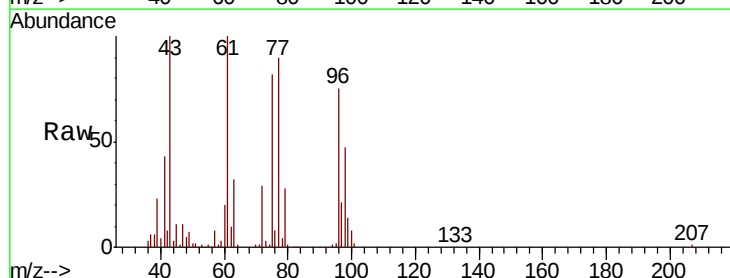
Instrument :
MSVOA_Y
ClientSampleId :

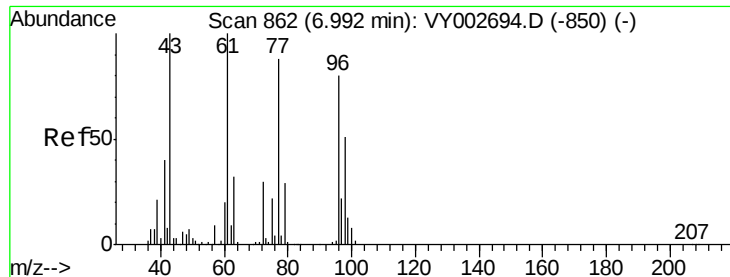
Tot Ion: 43 Resp: 114865
Ion Ratio Lower Upper
43 100
72 28.7 24.1 36.1



#26
2,2-Dichloropropane
Concen: 20.292 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 77 Resp: 112097
Ion Ratio Lower Upper
77 100
97 24.3 12.3 36.9



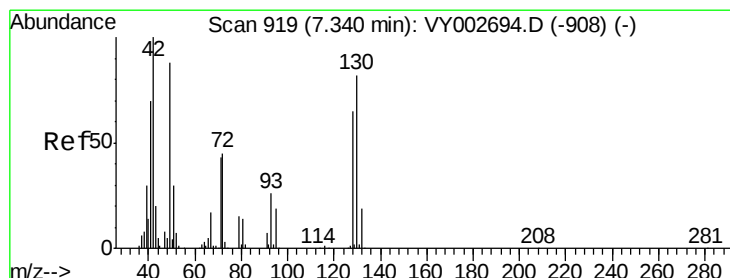
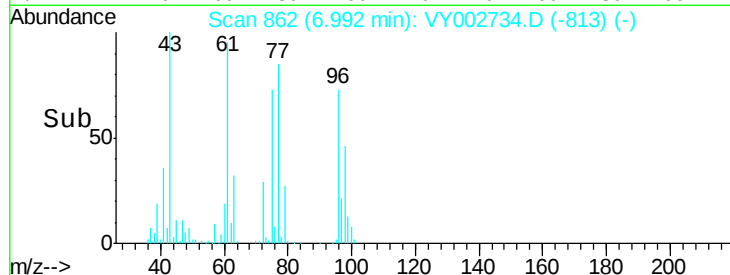
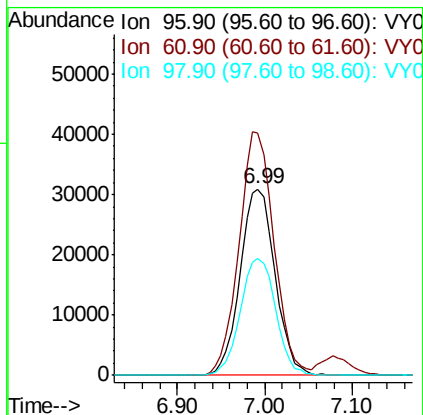
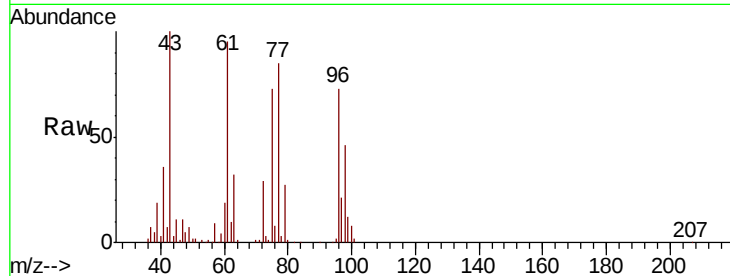


#27

cis-1,2-Dichloroethene
Concen: 20.514 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :

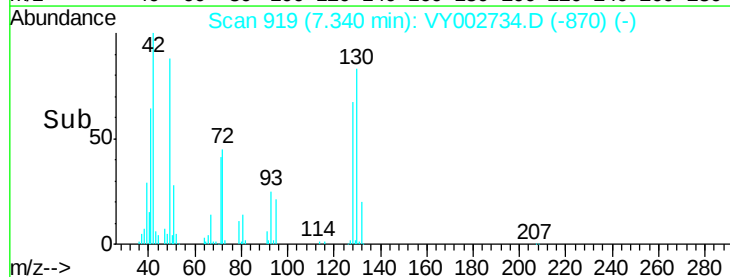
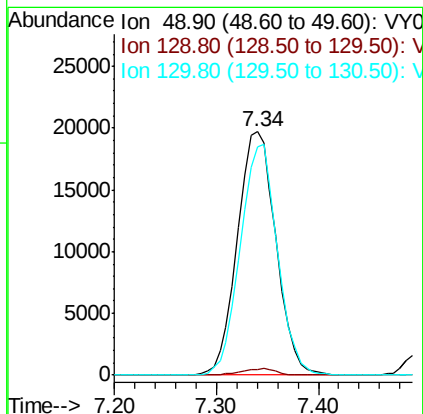
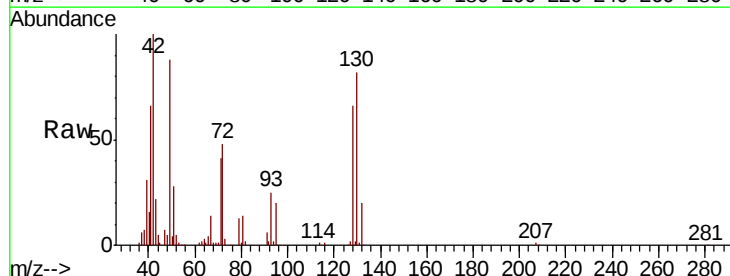
Tot Ion: 96 Resp: 85983
Ion Ratio Lower Upper
96 100
61 130.9 0.0 258.0
98 63.5 0.0 128.4

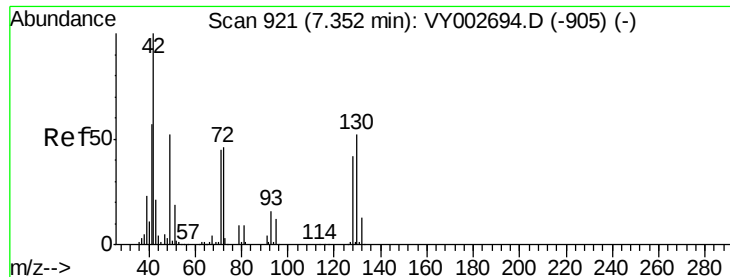


#28

Bromochloromethane
Concen: 22.051 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 49 Resp: 51791
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 91.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 109.138 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

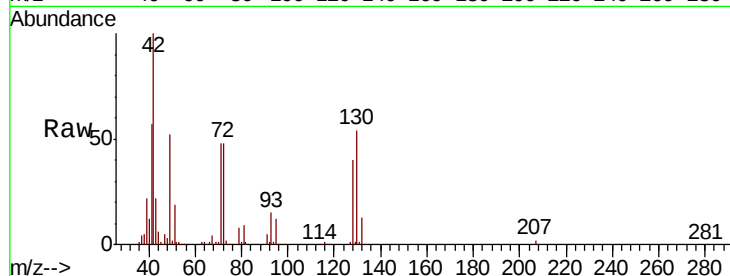
Tot Ion: 42 Resp: 78789

Ion Ratio Lower Upper

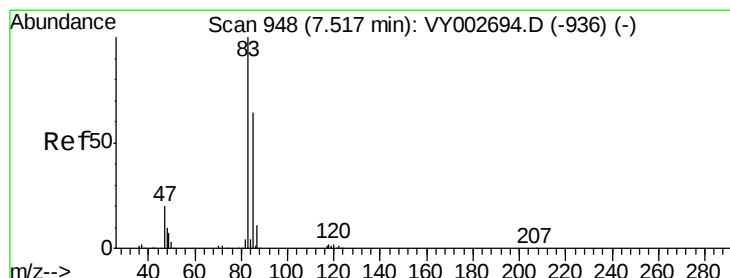
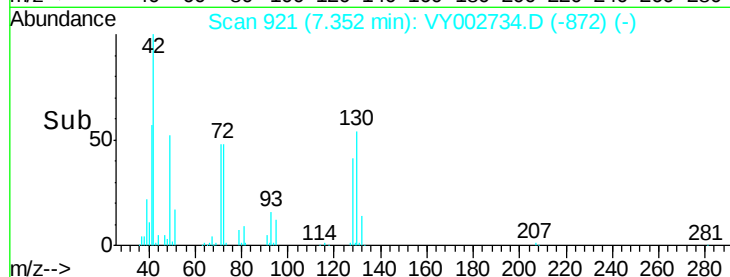
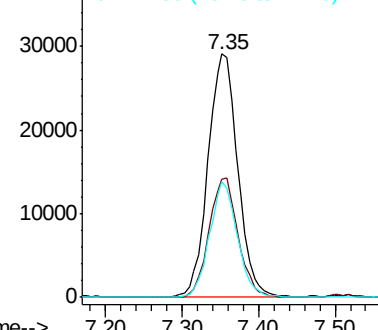
42 100

72 47.6 38.2 57.2

71 44.2 35.8 53.8



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



#30

Chloroform

Concen: 20.198 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002734.D

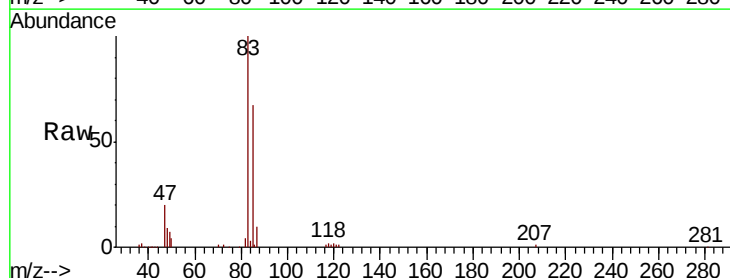
Acq: 21 May 2020 11:50

Tgt Ion: 83 Resp: 124462

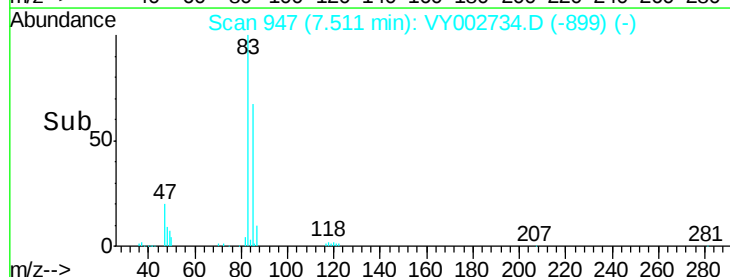
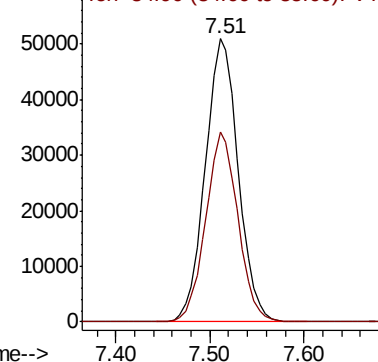
Ion Ratio Lower Upper

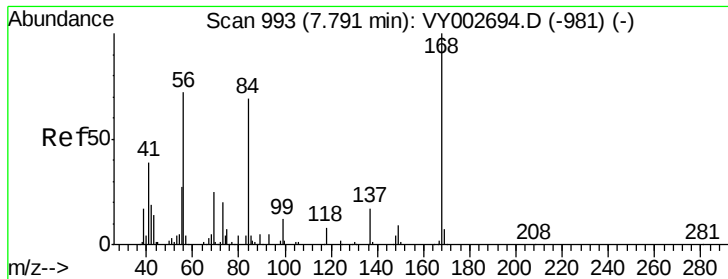
83 100

85 66.9 51.5 77.3



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

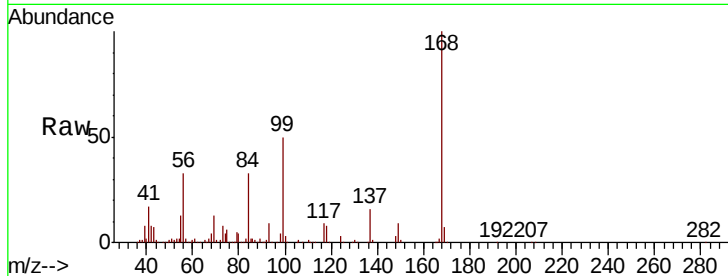




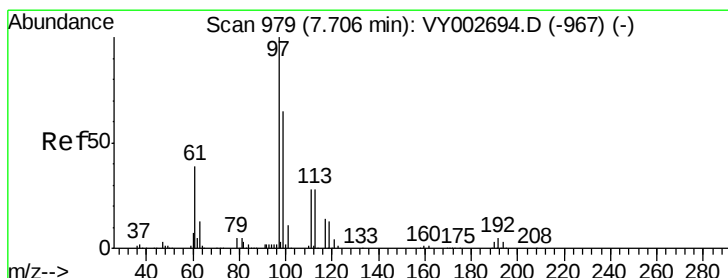
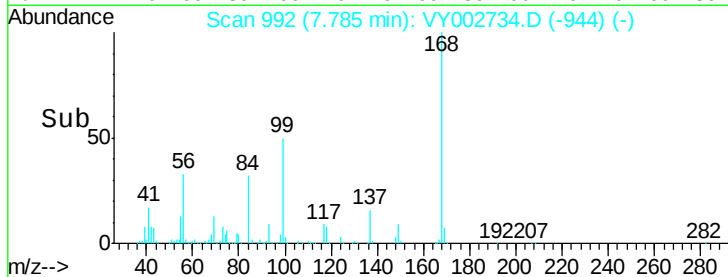
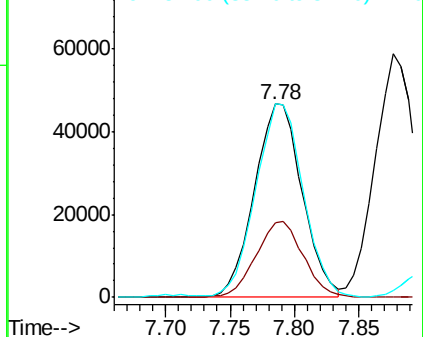
#31
Cyclohexane
Concen: 19.972 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 120268
Ion Ratio Lower Upper
56 100
69 38.9 27.7 41.5
84 98.9 77.0 115.4

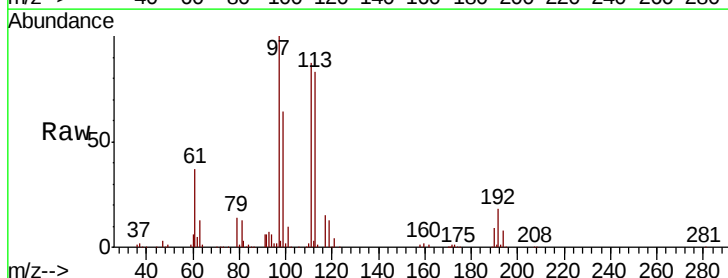


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

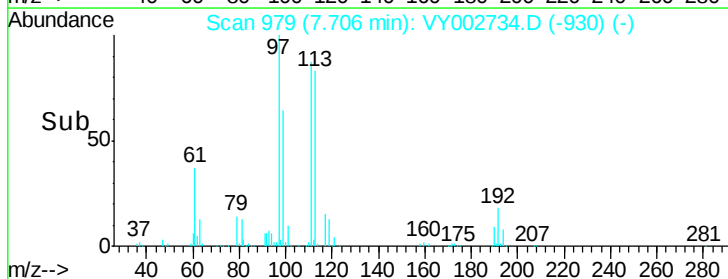
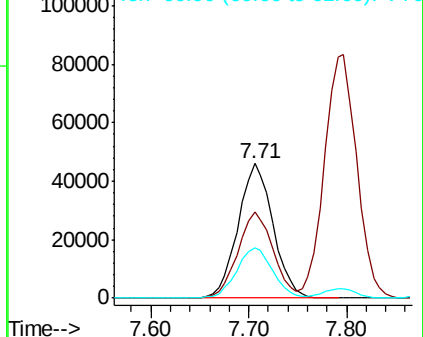


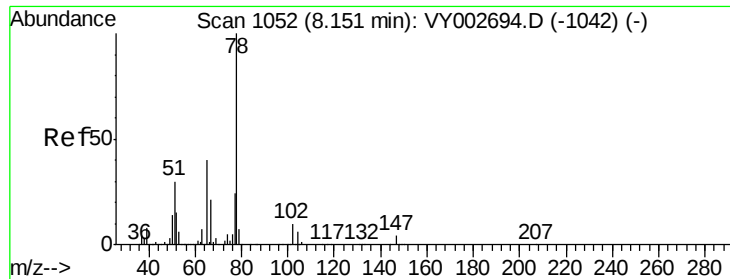
#32
1,1,1-Trichloroethane
Concen: 20.060 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 97 Resp: 114218
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 38.4 30.6 45.8



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

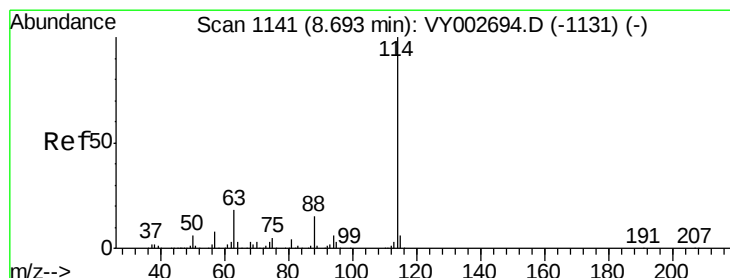
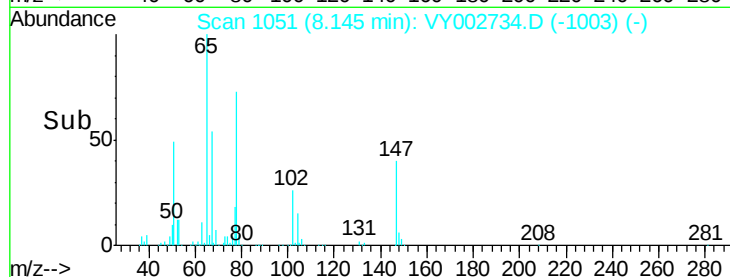
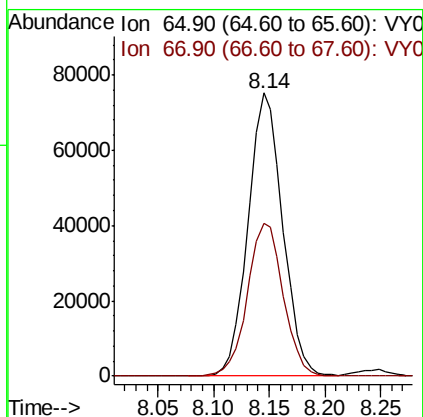
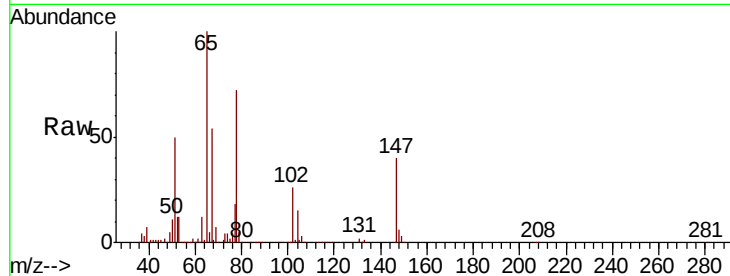




#33
 1,2-Dichloroethane-d4
 Concen: 52.257 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

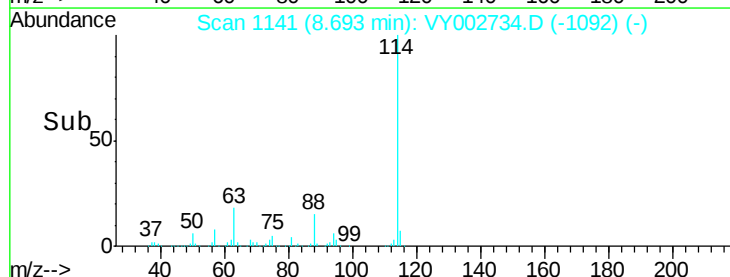
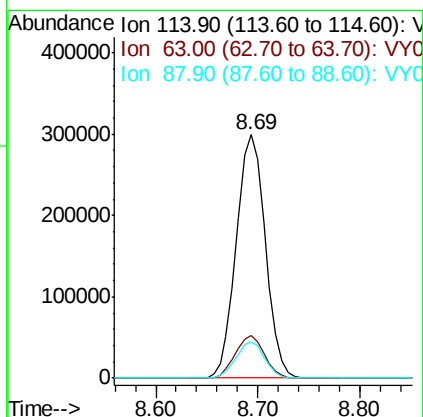
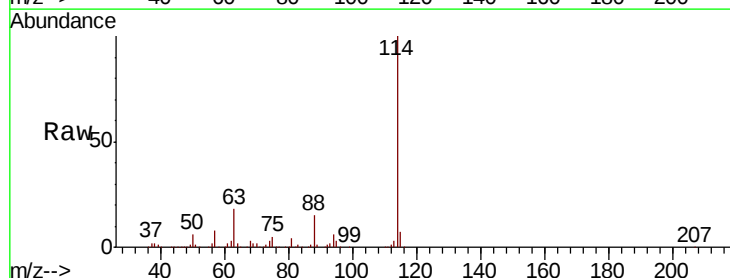
Instrument :
 MSVOA_Y
 ClientSampleId :

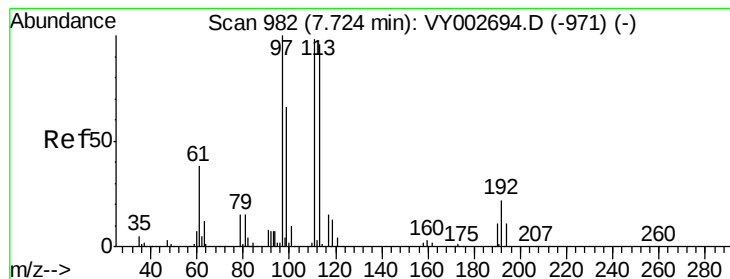
Tot Ion: 65 Resp: 162564
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

Tgt Ion: 114 Resp: 592063
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.4
 88 15.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 52.787 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

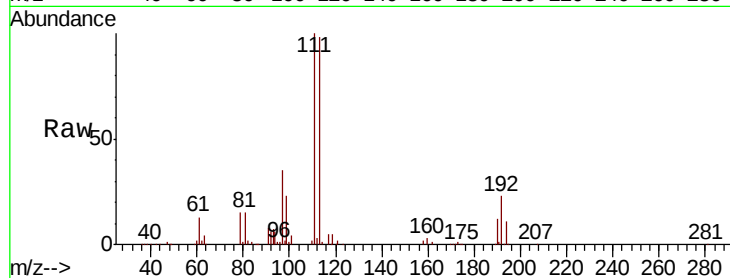
Tot Ion:113 Resp: 172478

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

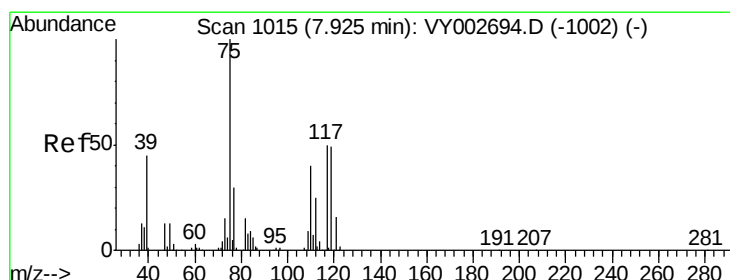
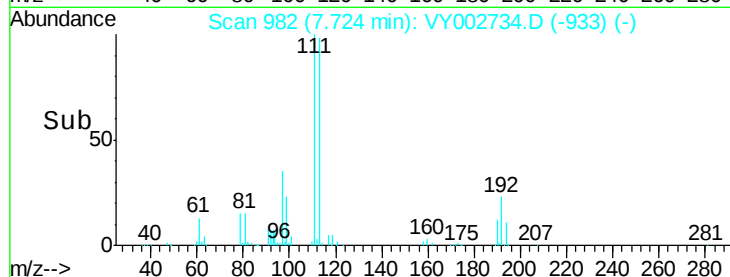
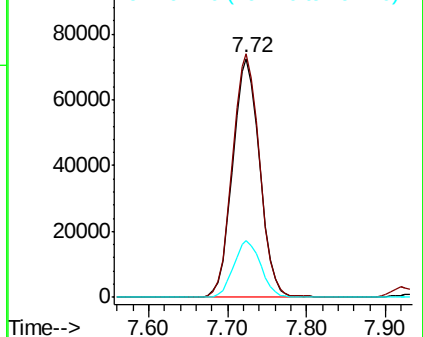
192 23.7 18.6 27.8



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: 20.206 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

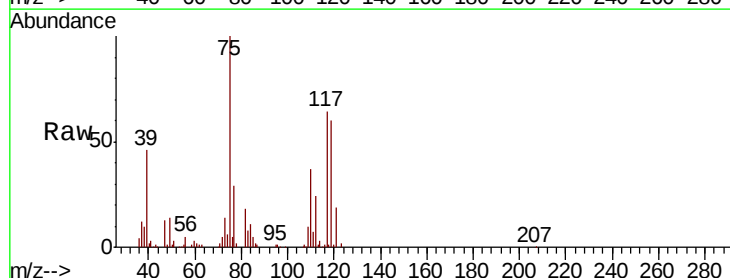
Tgt Ion: 75 Resp: 101274

Ion Ratio Lower Upper

75 100

110 37.9 19.4 58.4

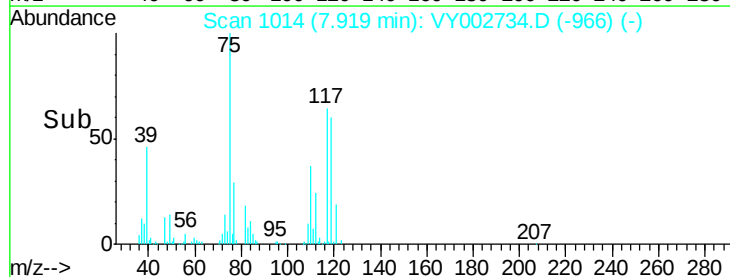
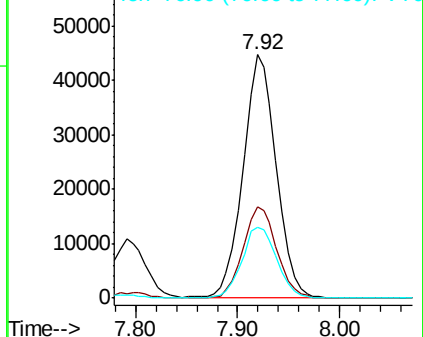
77 30.8 25.0 37.4

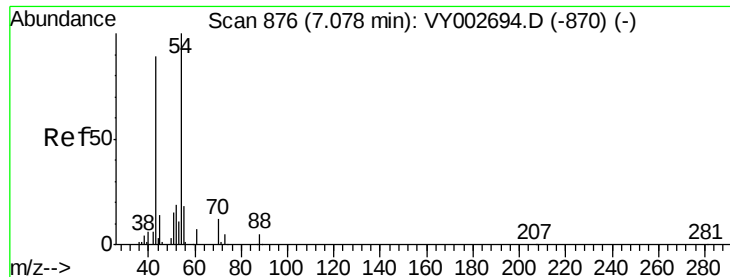


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

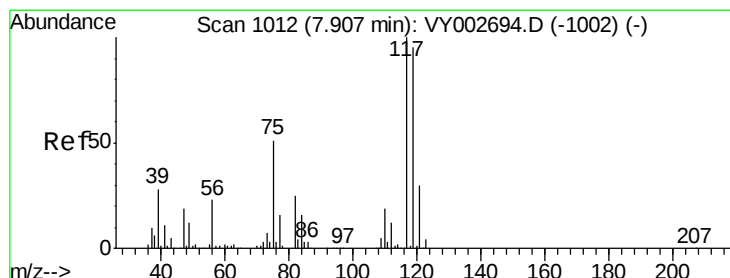
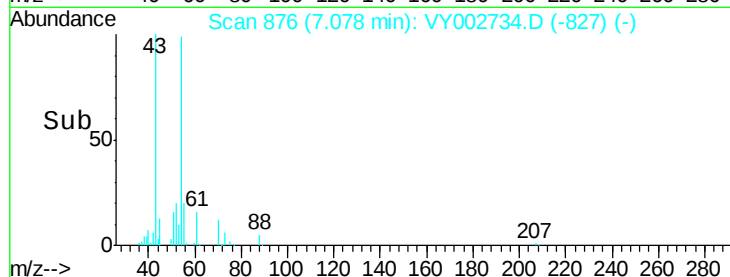
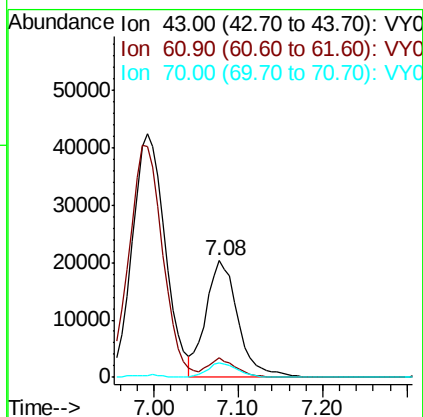
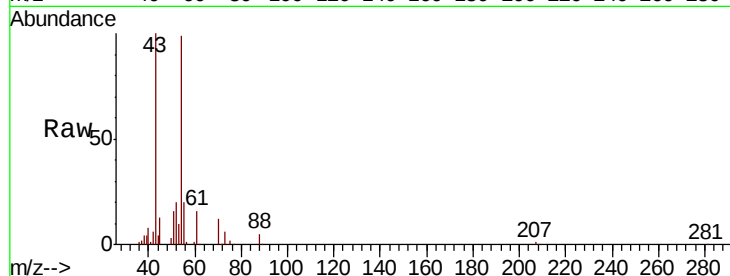




#37
Ethyl Acetate
Concen: 21.828 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

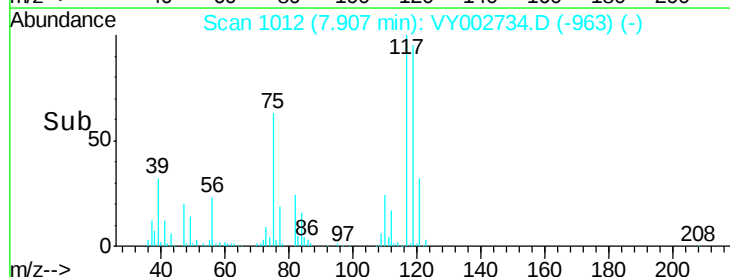
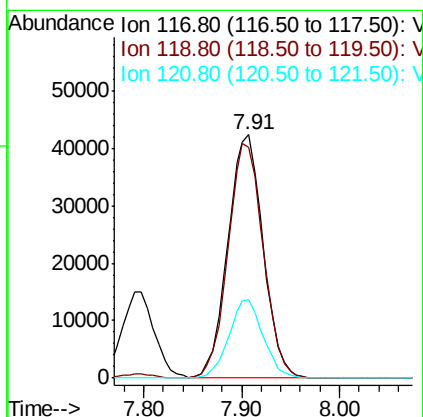
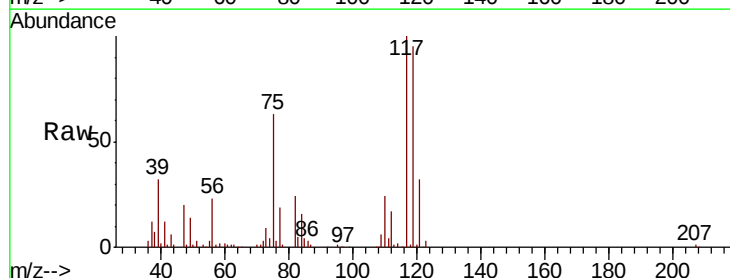
Instrument :
MSVOA_Y
ClientSampled :

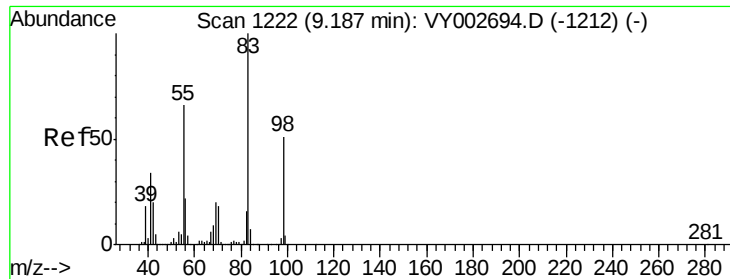
Tot Ion: 43 Resp: 53810
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.8
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.607 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 117 Resp: 105620
Ion Ratio Lower Upper
117 100
119 94.8 76.3 114.5
121 32.1 24.2 36.2

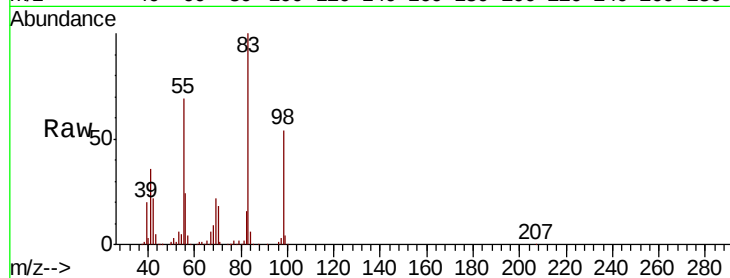




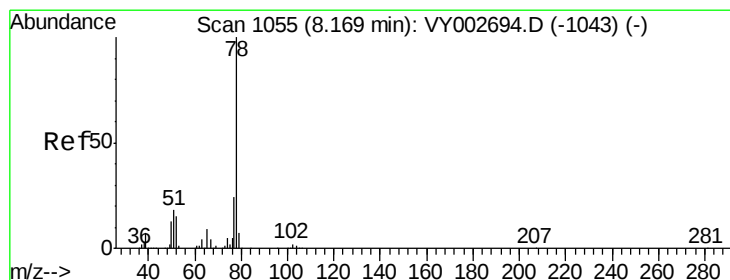
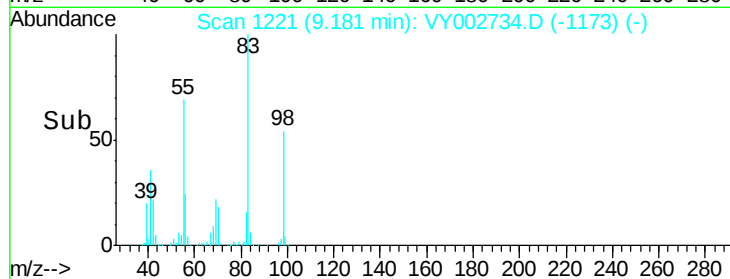
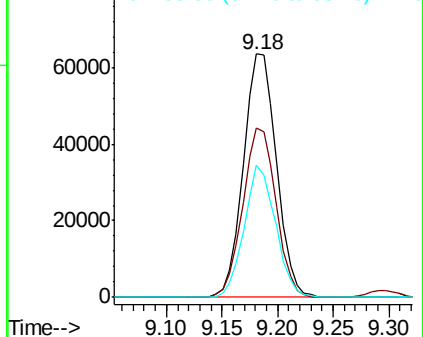
#39
Methvlcvclohexane
Concen: 19.512 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 131497
Ion Ratio Lower Upper
83 100
55 69.4 53.0 79.6
98 54.2 40.8 61.2

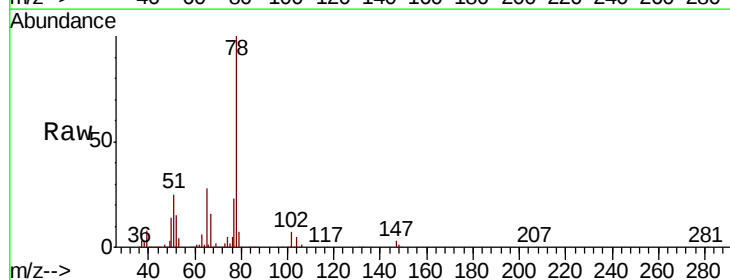


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

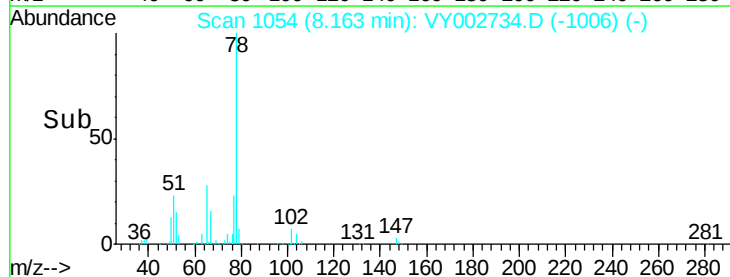
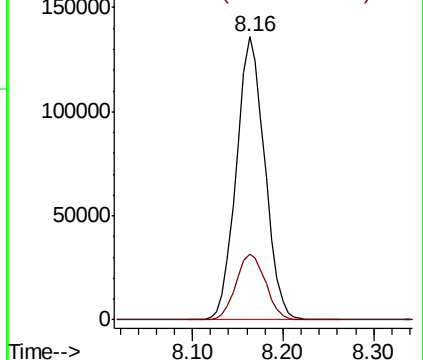


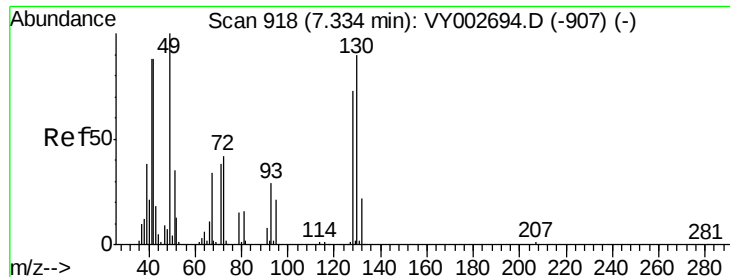
#40
Benzene
Concen: 20.154 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 78 Resp: 294733
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8



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

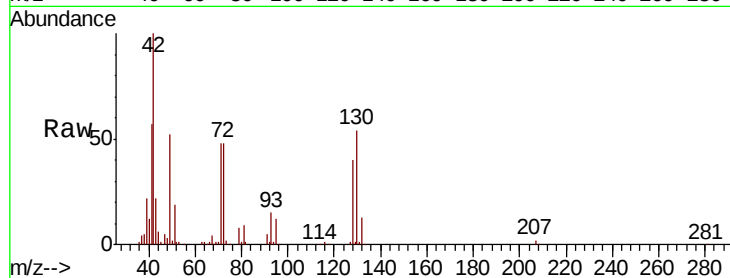




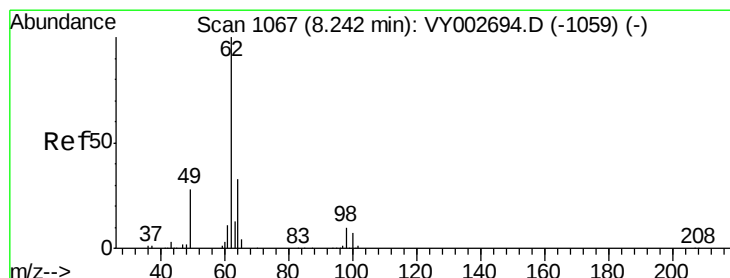
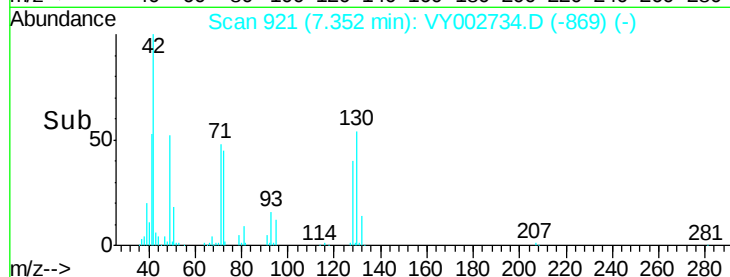
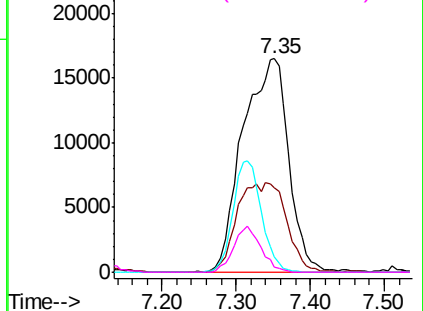
#41
Methacrylonitrile
Concen: 47.902 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	70946
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

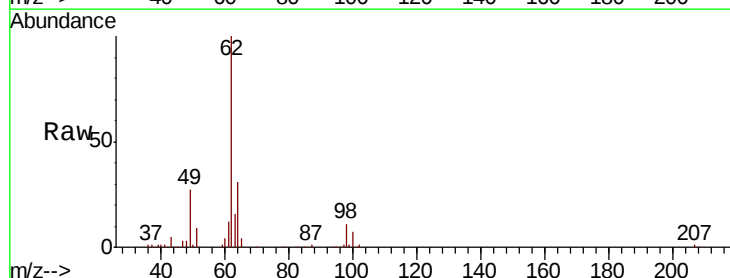


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

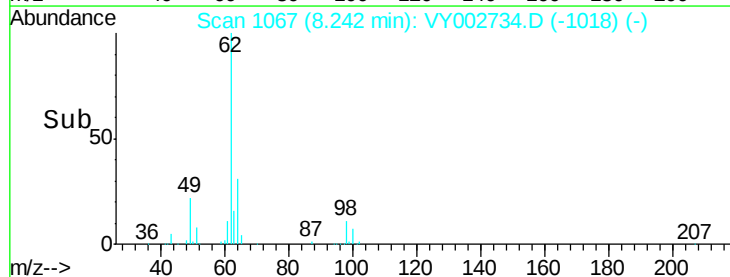
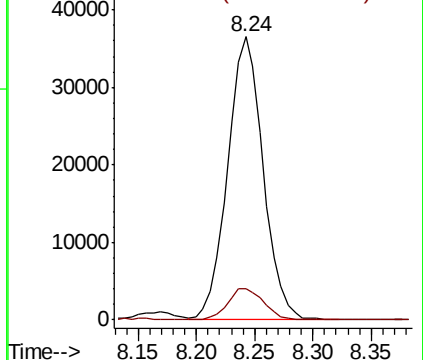


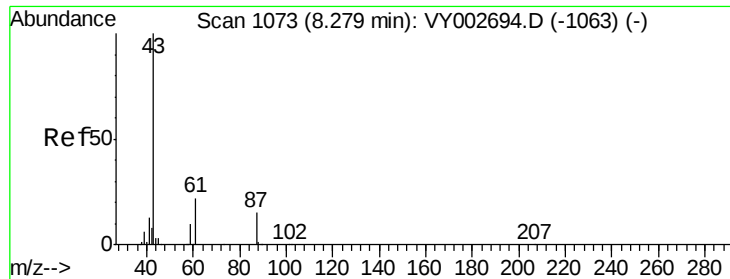
#42
1,2-Dichloroethane
Concen: 20.064 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion:	62	Resp:	77388
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.8



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





#43

Isopropyl Acetate

Concen: 21.484 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

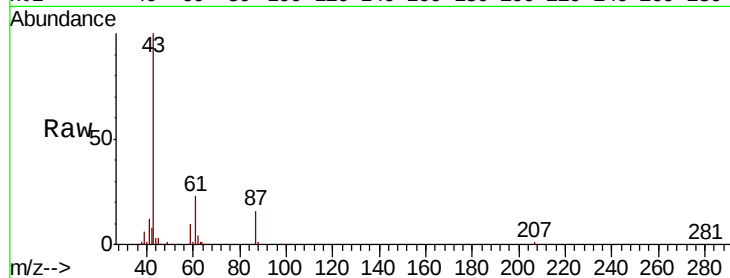
Tot Ion: 43 Resp: 98427

Ion Ratio Lower Upper

43 100

61 31.1 24.9 37.3

87 15.4 12.6 19.0

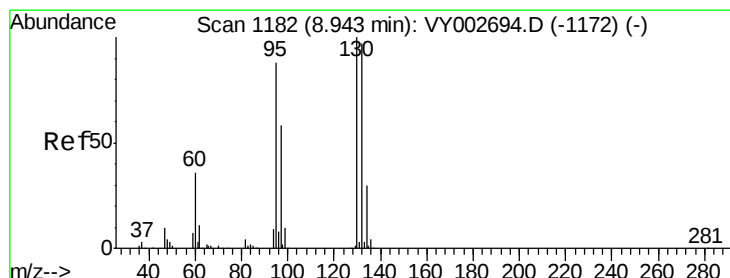
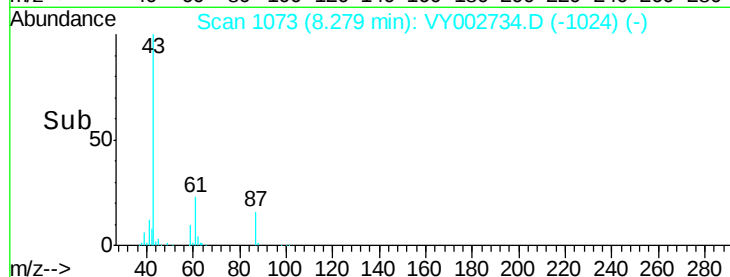


Abundance Ion 43.00 (42.70 to 43.70): VY002734.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002734.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002734.D (-1024) (-)

Time-->



#44

Trichloroethene

Concen: 19.902 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002734.D

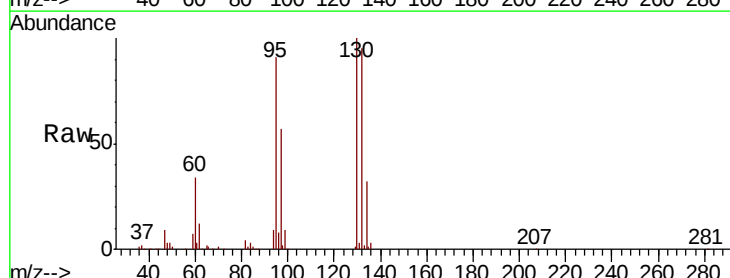
Acq: 21 May 2020 11:50

Tgt Ion: 130 Resp: 92775

Ion Ratio Lower Upper

130 100

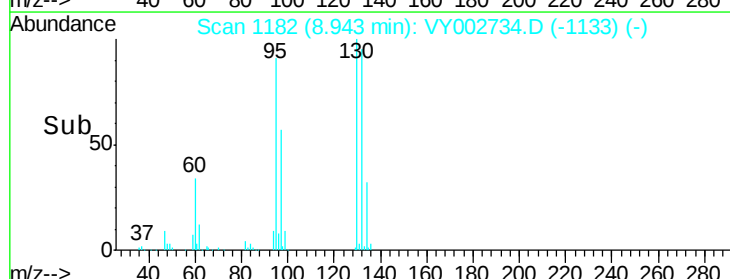
95 90.7 0.0 176.4

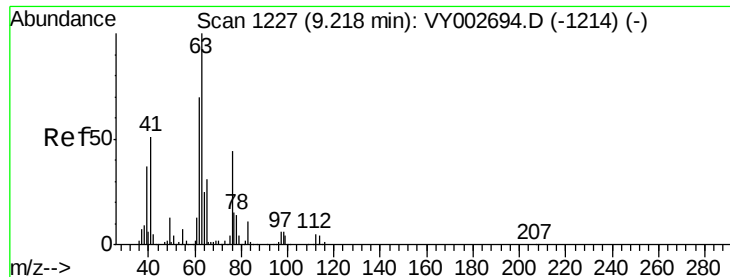


Abundance Ion 129.80 (129.50 to 130.50): VY002734.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002734.D (-1133) (-)

Time-->

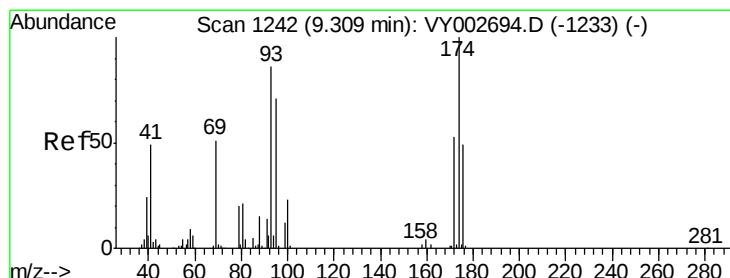
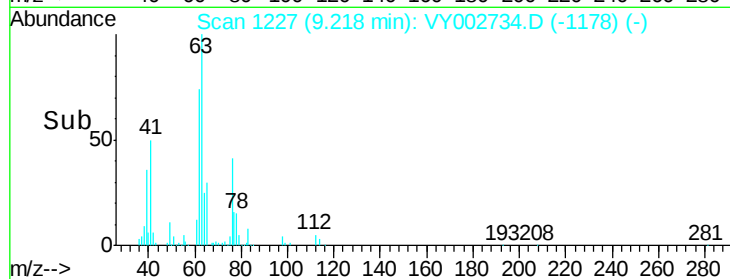
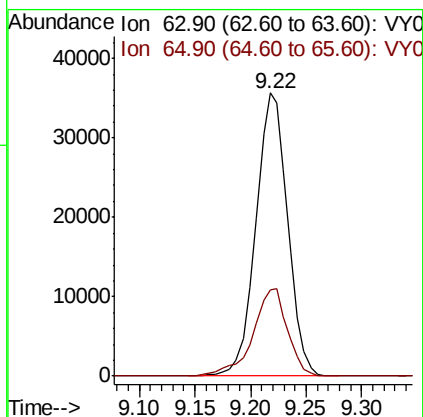
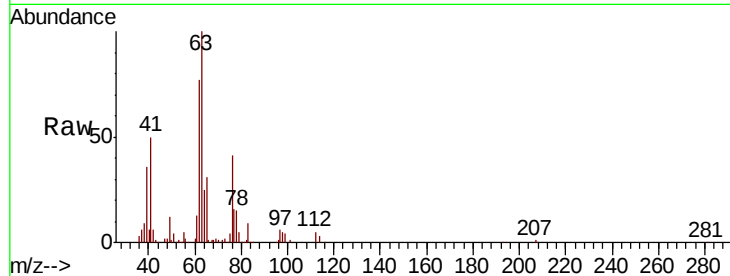




#45
 1,2-Dichloropropane
 Concen: 20.426 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

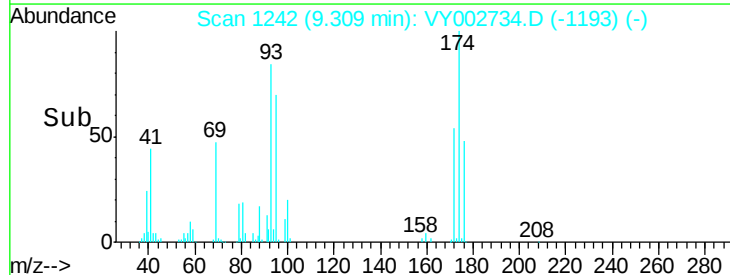
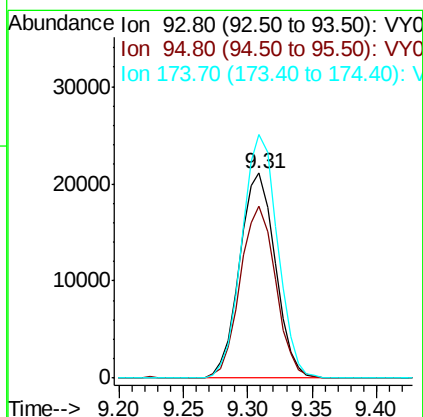
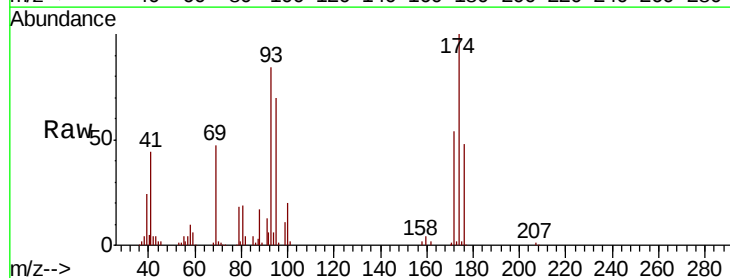
Instrument :
 MSVOA_Y
 ClientSampleId :

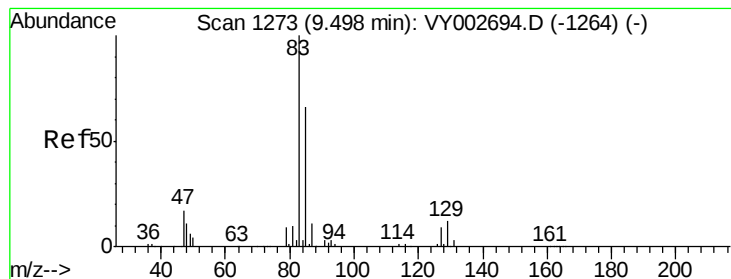
Tot Ion: 63 Resp: 70896
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 20.823 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

Tgt Ion: 93 Resp: 40606
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 118.3 95.6 143.4





#47

Bromodichloromethane

Concen: 20.332 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

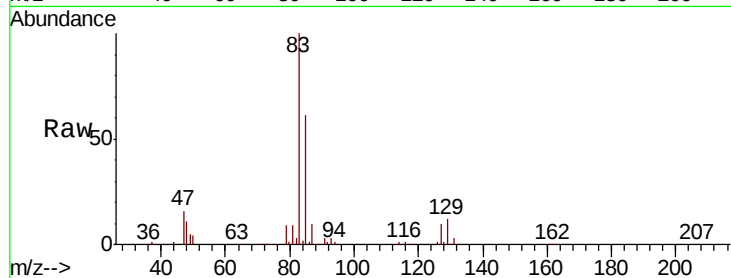
Tot Ion: 83 Resp: 96763

Ion Ratio Lower Upper

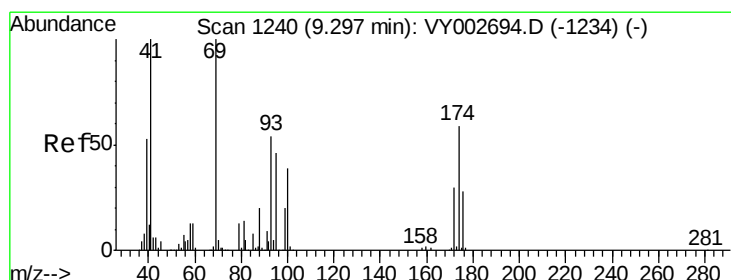
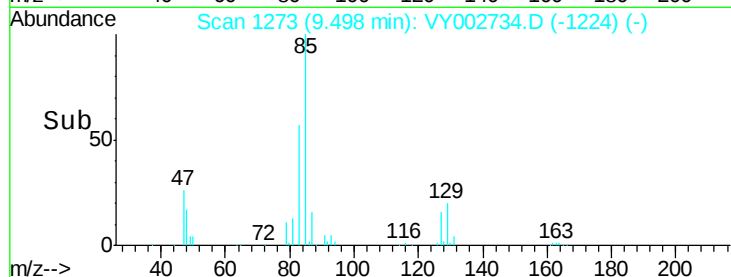
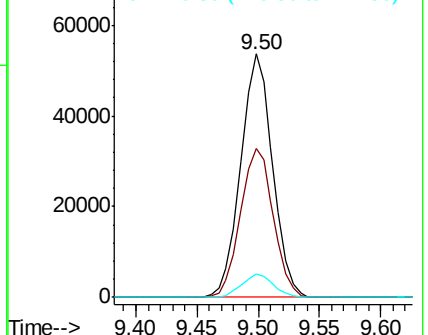
83 100

85 61.3 52.4 78.6

127 9.6 7.6 11.4



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



#48

Methyl methacrylate

Concen: 20.846 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

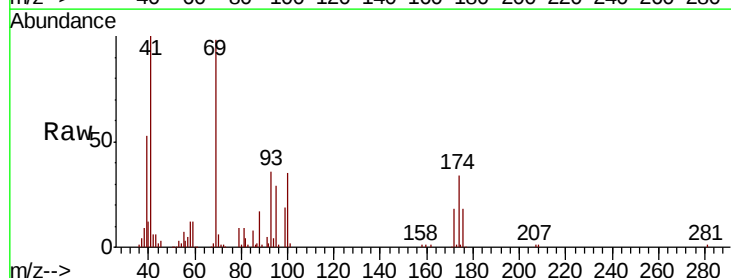
Tgt Ion: 41 Resp: 43973

Ion Ratio Lower Upper

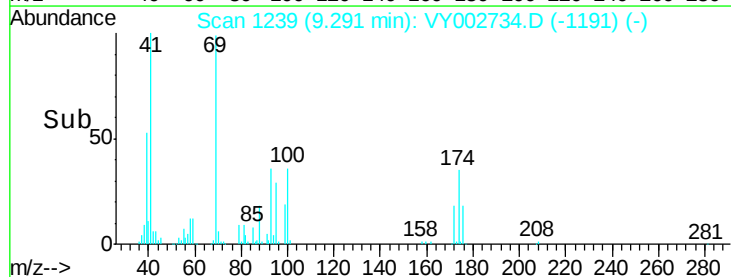
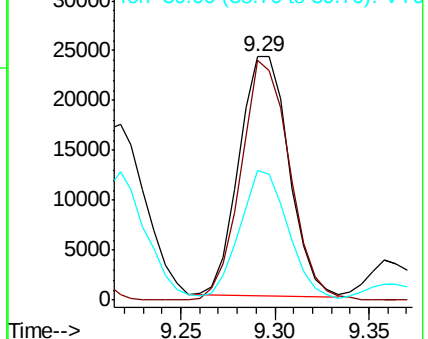
41 100

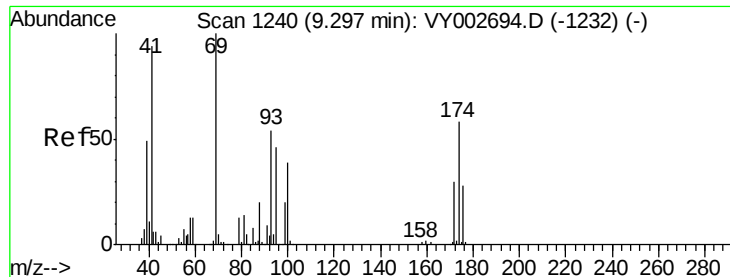
69 98.4 78.7 118.1

39 51.3 42.9 64.3



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

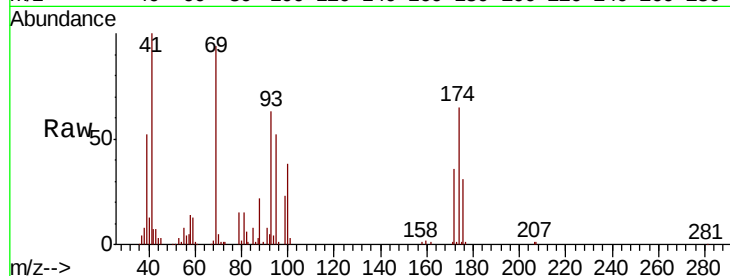




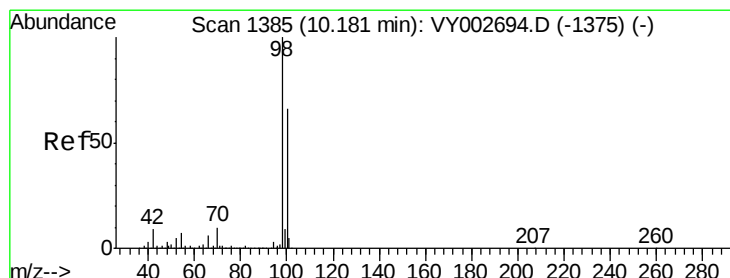
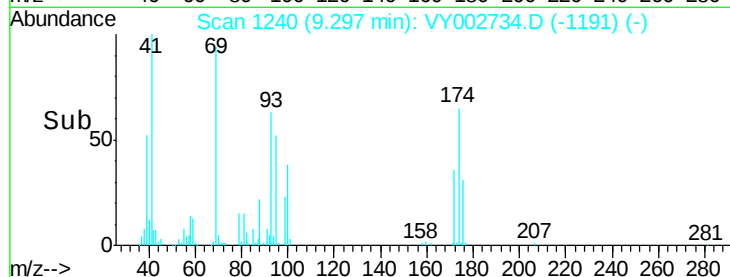
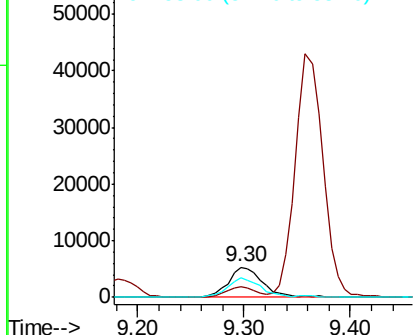
#49
1,4-Dioxane
Concen: 450.588 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 11967
Ion Ratio Lower Upper
88 100
43 29.9 23.4 35.0
58 61.7 54.5 81.7

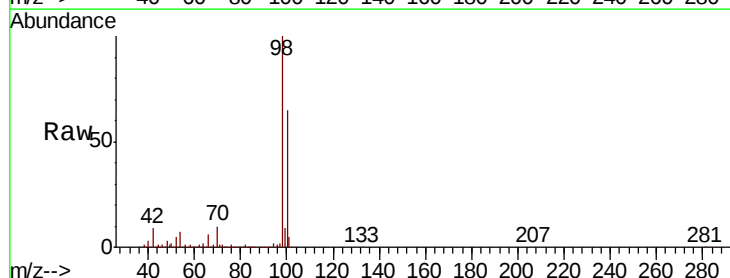


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

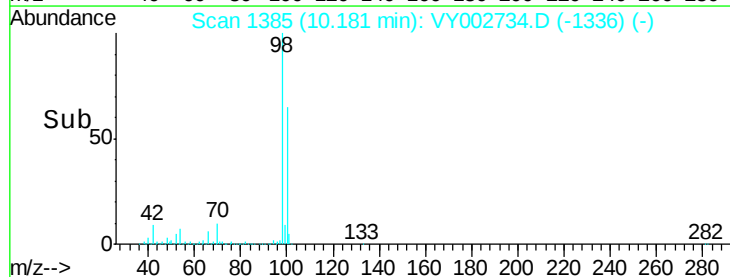
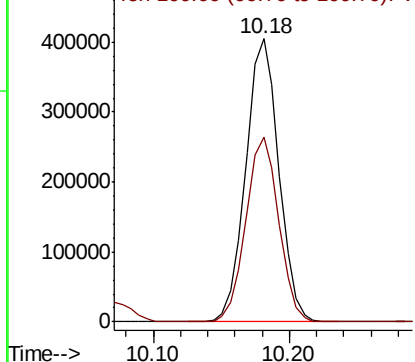


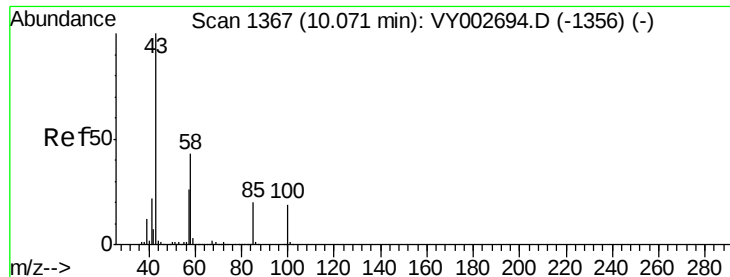
#50
Toluene-d8
Concen: 52.321 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 98 Resp: 688283
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



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

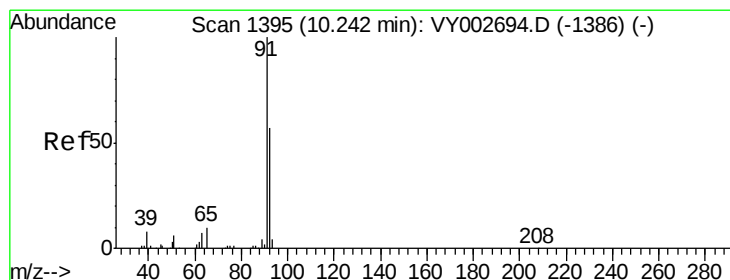
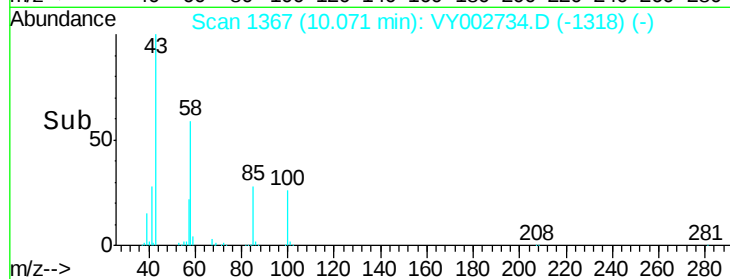
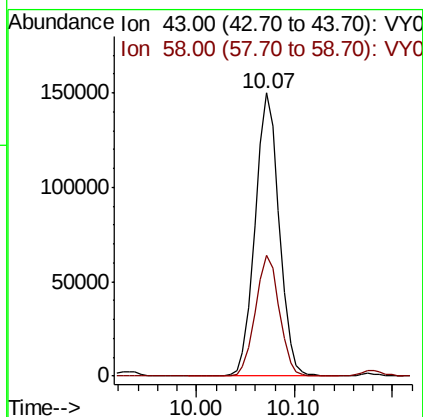
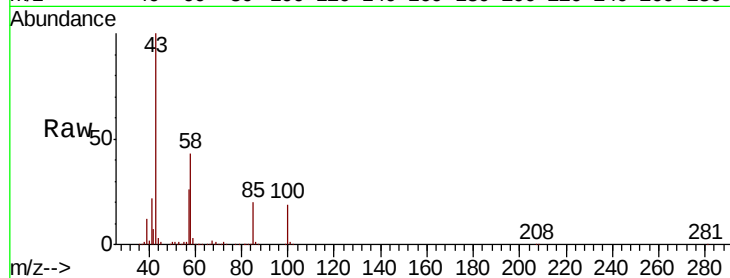




#51
4-Methyl-2-Pentanone
Concen: 107.935 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

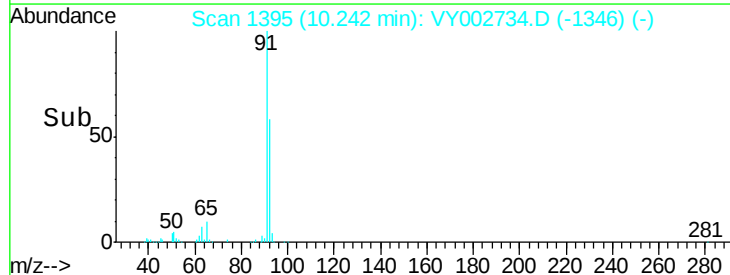
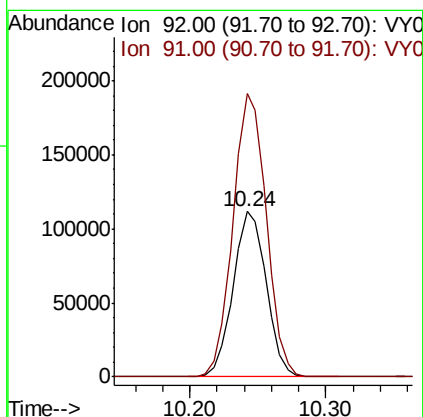
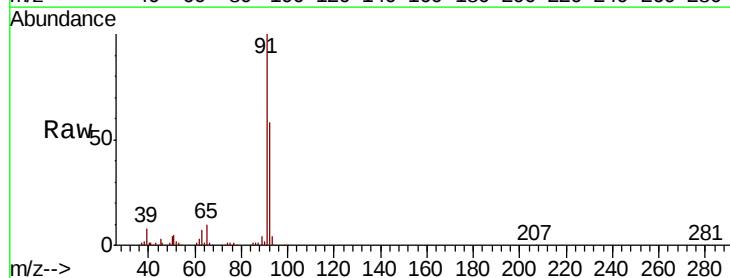
Instrument :
MSVOA_Y
ClientSampleId :

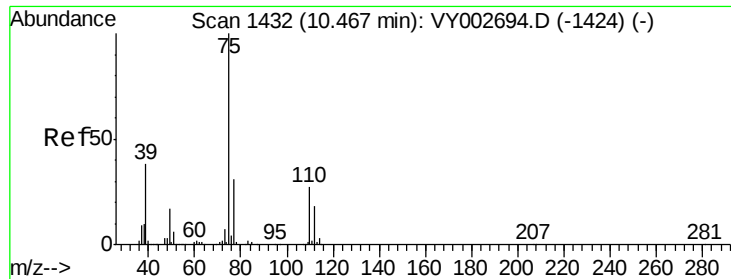
Tot Ion: 43 Resp: 255306
Ion Ratio Lower Upper
43 100
58 42.5 34.1 51.1



#52
Toluene
Concen: 20.017 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 92 Resp: 189437
Ion Ratio Lower Upper
92 100
91 172.4 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 20.619 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

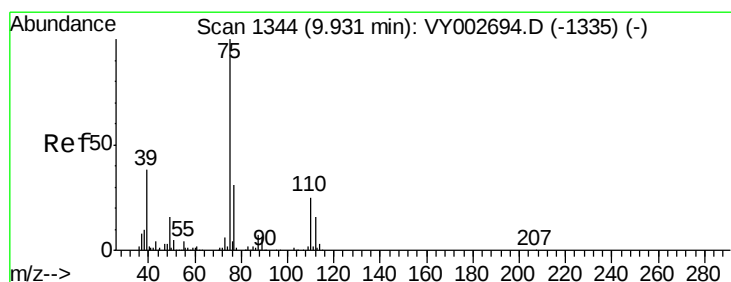
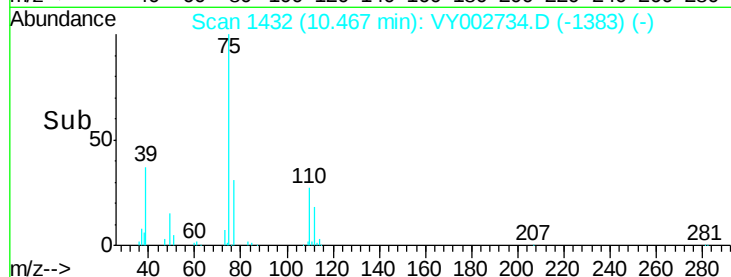
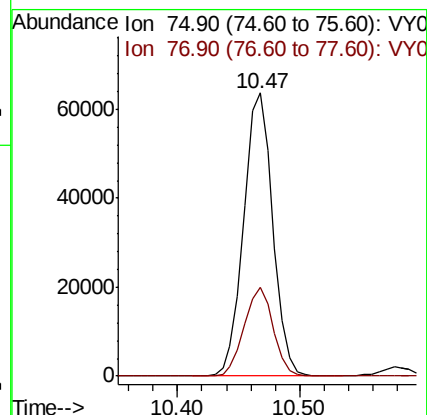
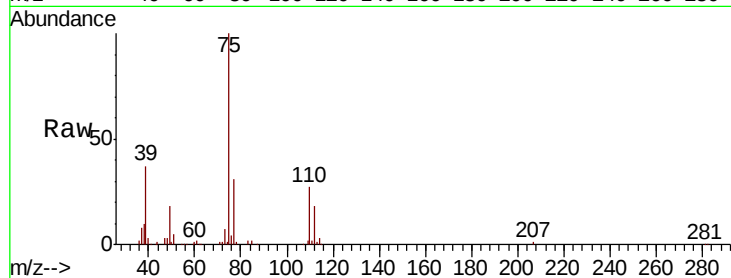
ClientSampleId :

Tot Ion: 75 Resp: 104735

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.592 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

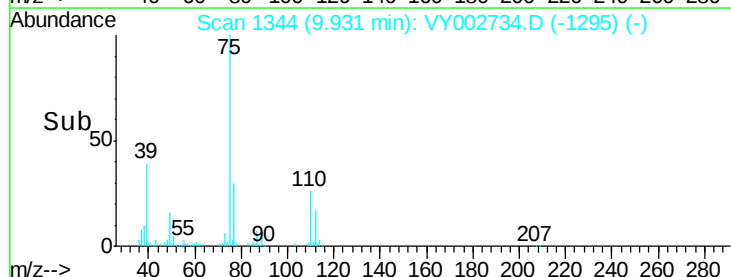
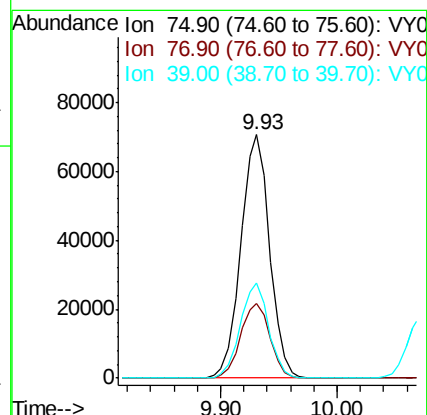
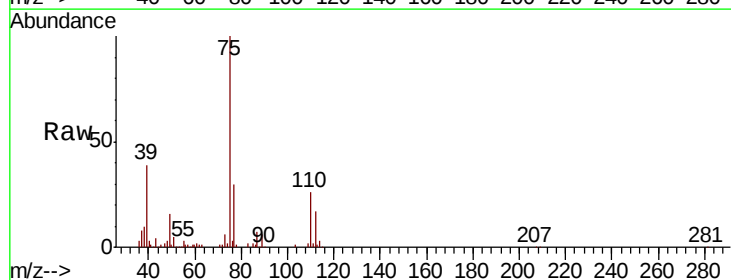
Tgt Ion: 75 Resp: 121264

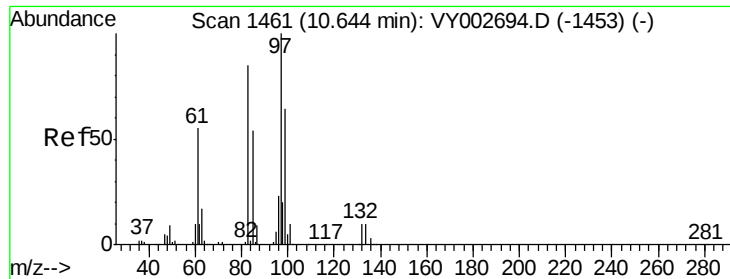
Ion Ratio Lower Upper

75 100

77 30.4 24.8 37.2

39 39.0 30.7 46.1

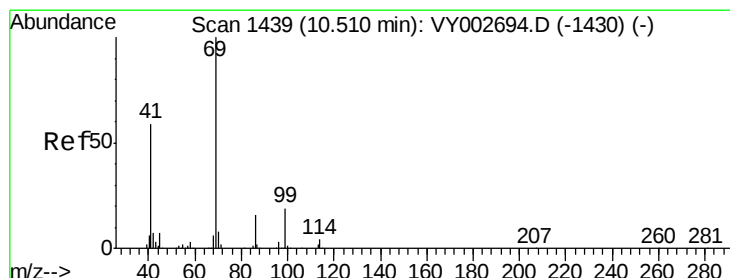
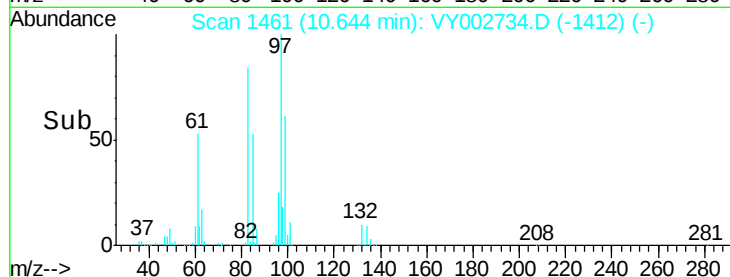
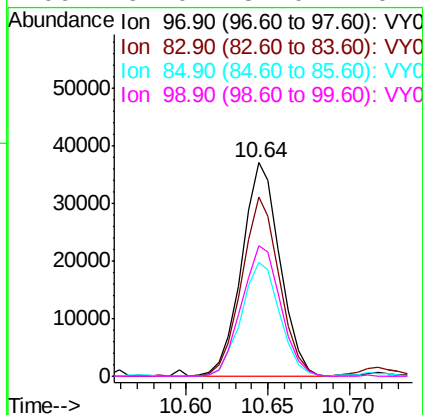
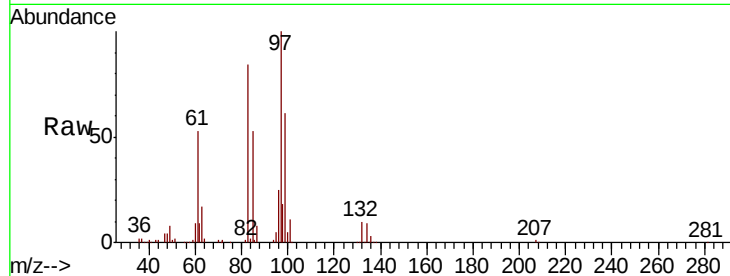




#55
 1,1,2-Trichloroethane
 Concen: 20.797 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

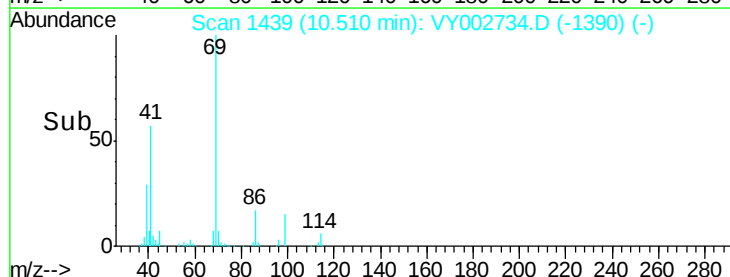
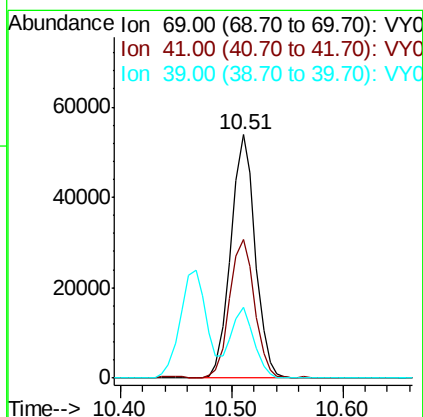
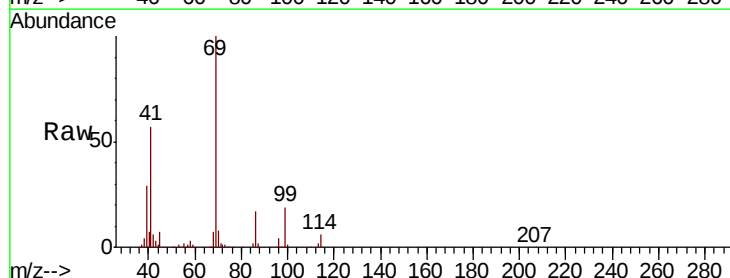
Instrument :
 MSVOA_Y
 ClientSampleId :

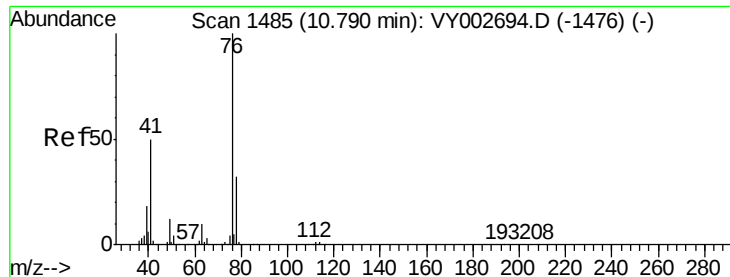
Tot Ion:	97	Resp:	60378
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.1	102.1
85	53.3	43.1	64.7
99	61.0	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 21.246 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

Tgt Ion:	69	Resp:	82114
Ion	Ratio	Lower	Upper
69	100		
41	57.8	48.0	72.0
39	28.5	22.1	33.1





#57

1,3-Dichloropropane

Concen: 20.765 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

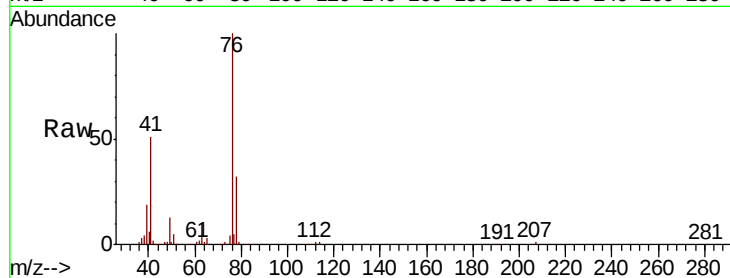
ClientSampleId :

Tot Ion: 76 Resp: 101021

Ion Ratio Lower Upper

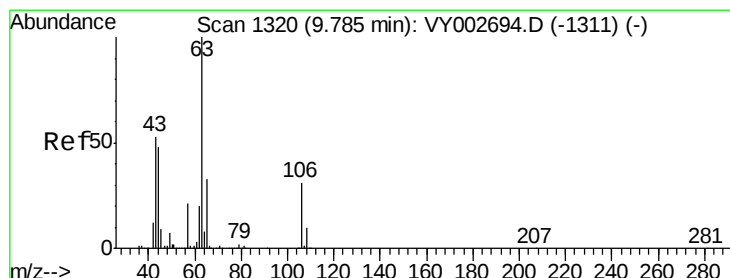
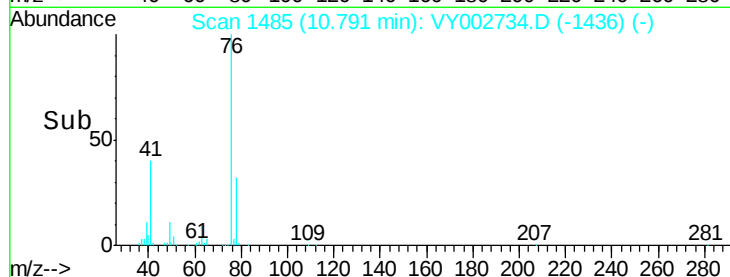
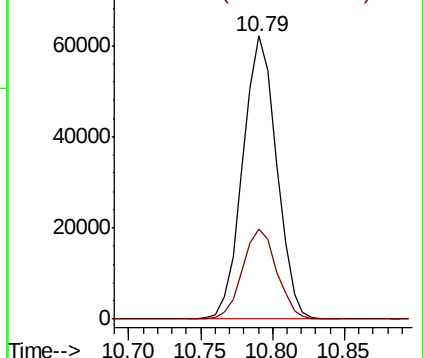
76 100

78 32.0 26.2 39.4



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: 104.838 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002734.D

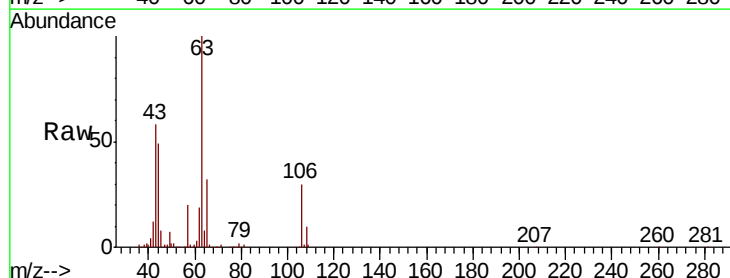
Acq: 21 May 2020 11:50

Tgt Ion: 63 Resp: 200032

Ion Ratio Lower Upper

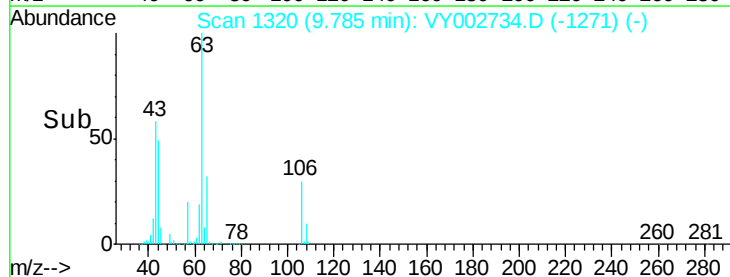
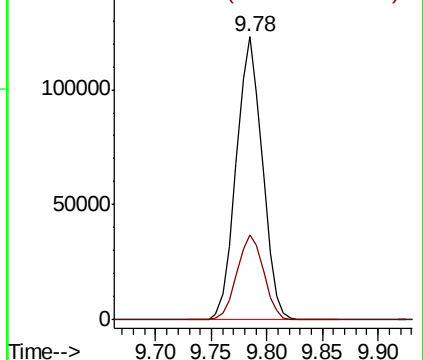
63 100

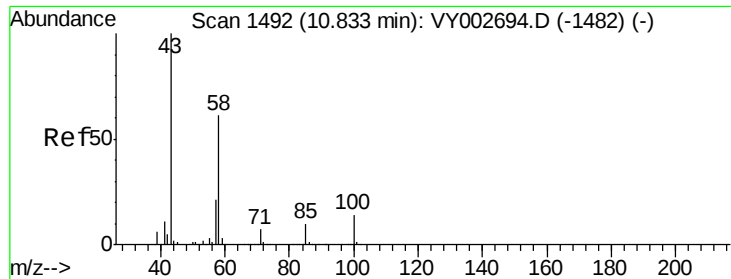
106 30.7 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

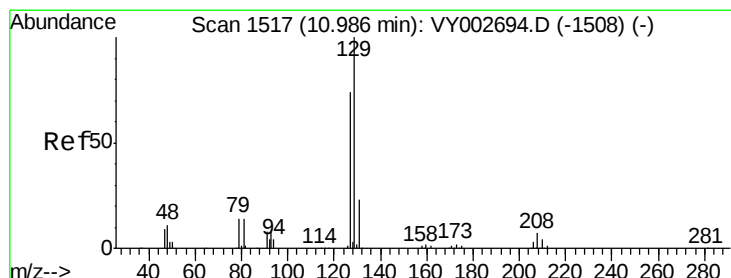
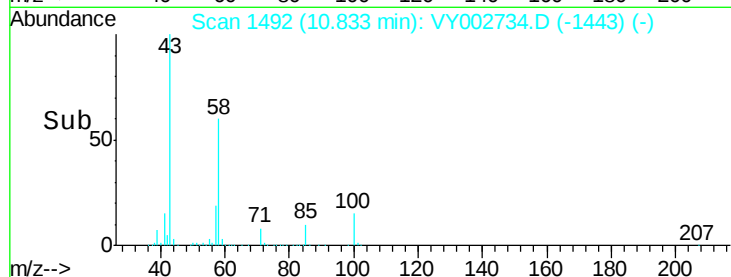
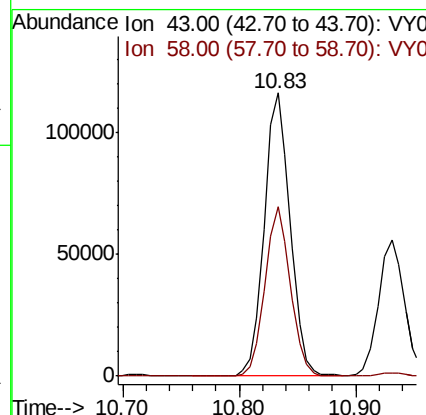
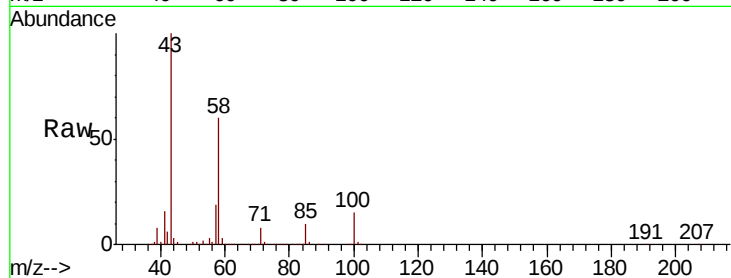




#59
2-Hexanone
Concen: 108.714 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

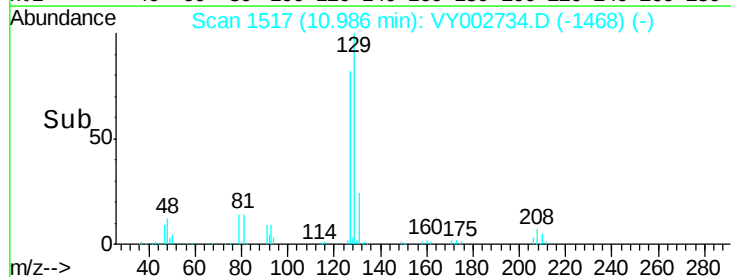
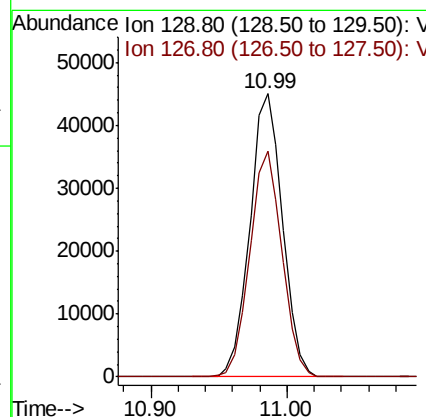
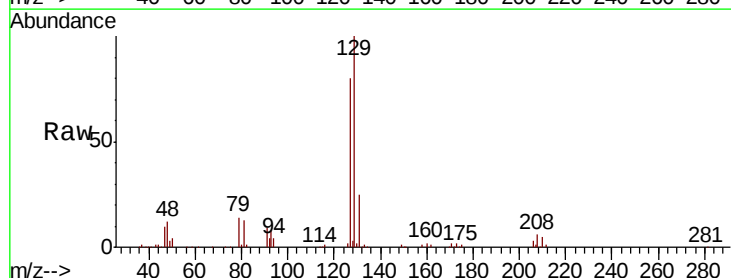
Instrument :
MSVOA_Y
ClientSampleId :

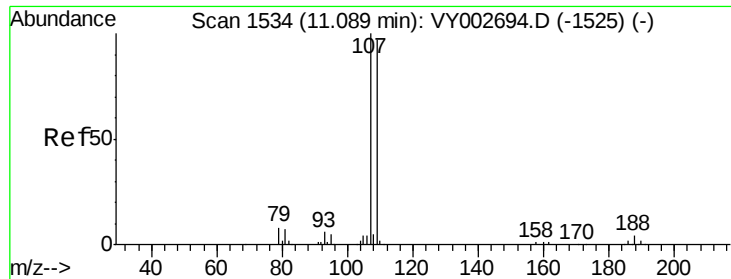
Tot Ion: 43 Resp: 179155
Ion Ratio Lower Upper
43 100
58 58.9 29.8 89.4



#60
Dibromochloromethane
Concen: 20.393 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 129 Resp: 75635
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.3

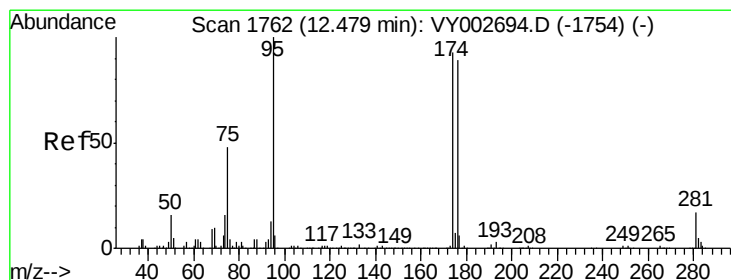
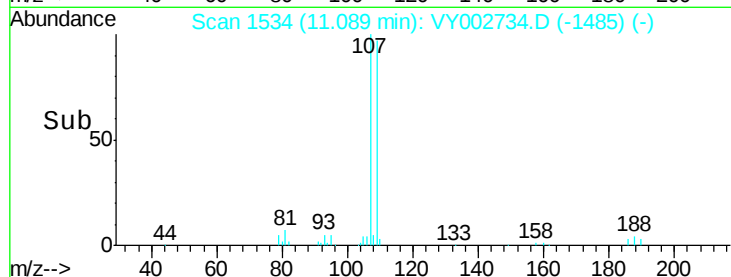
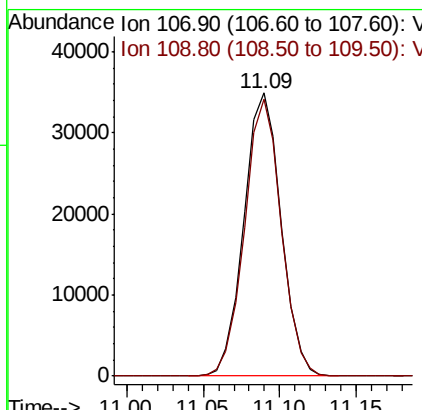
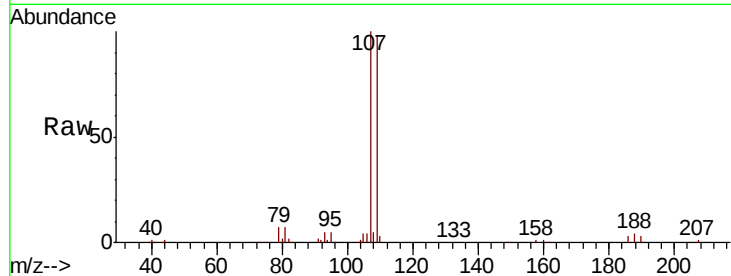




#61
 1,2-Dibromoethane
 Concen: 20.602 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

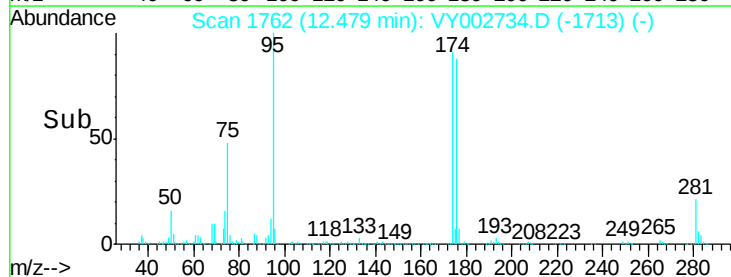
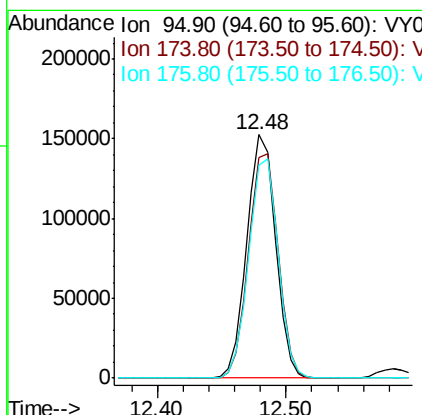
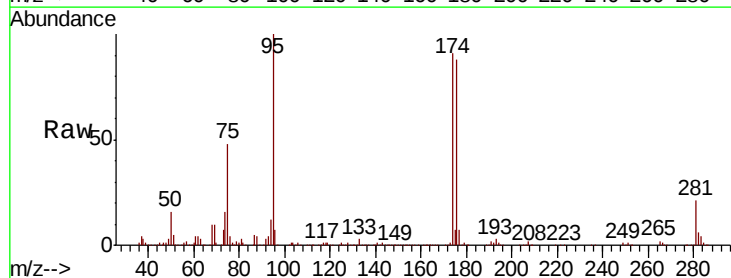
Instrument :
 MSVOA_Y
 ClientSampleId :

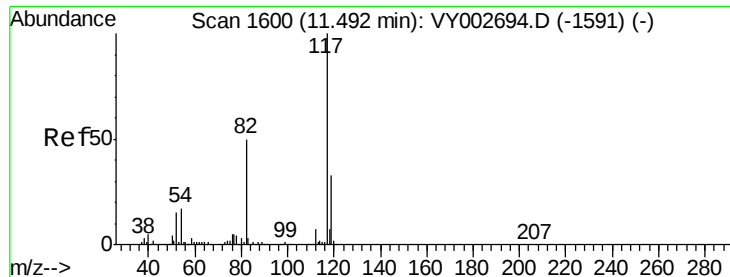
Tot Ion:107 Resp: 58927
 Ion Ratio Lower Upper
 107 100
 109 96.5 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 52.012 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

Tgt Ion: 95 Resp: 235170
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 191.4
 176 91.8 0.0 186.0

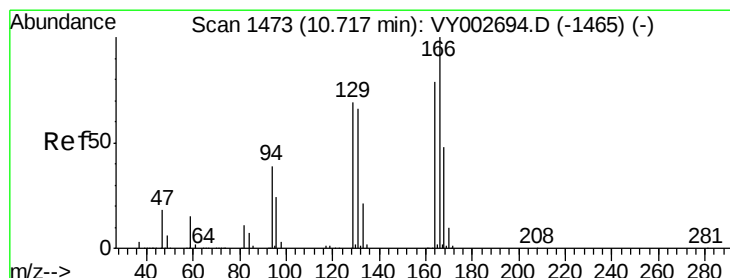
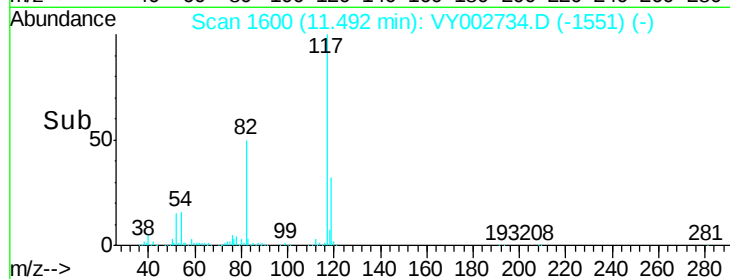
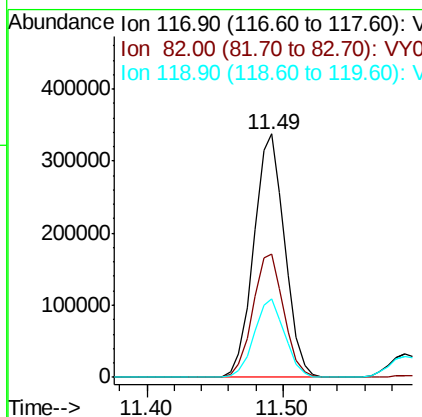
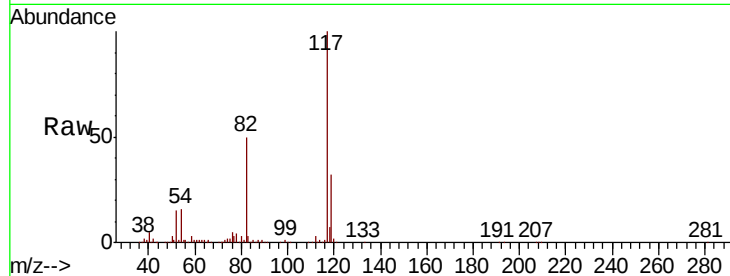




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

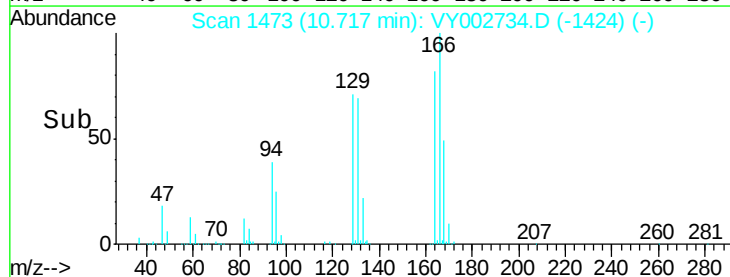
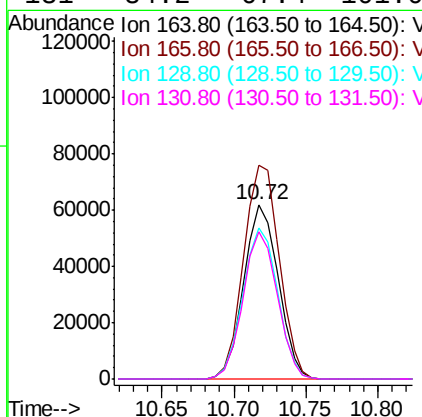
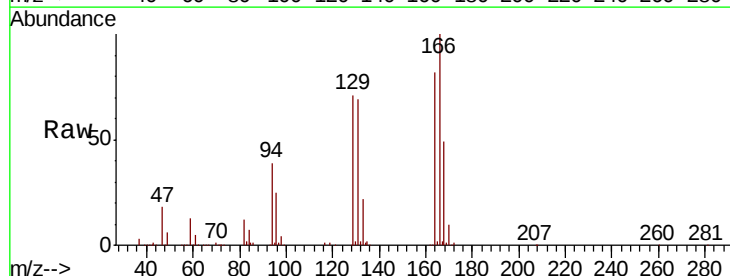
Instrument :
MSVOA_Y
ClientSampled :

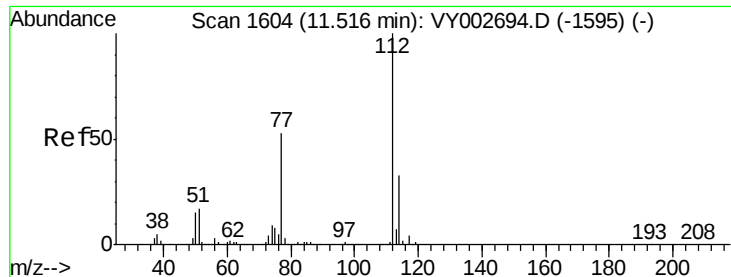
Tot Ion:117 Resp: 537610
Ion Ratio Lower Upper
117 100
82 50.5 40.3 60.5
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 20.103 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion:164 Resp: 102605
Ion Ratio Lower Upper
164 100
166 122.3 101.6 152.4
129 86.9 70.2 105.4
131 84.2 67.4 101.0

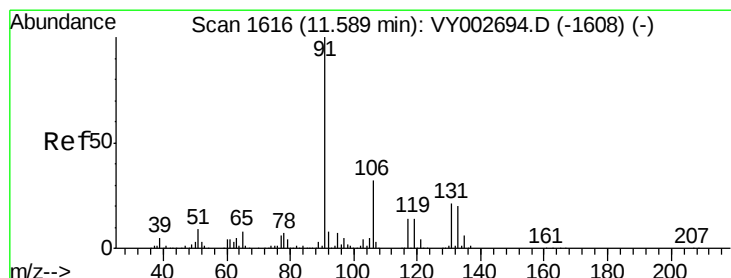
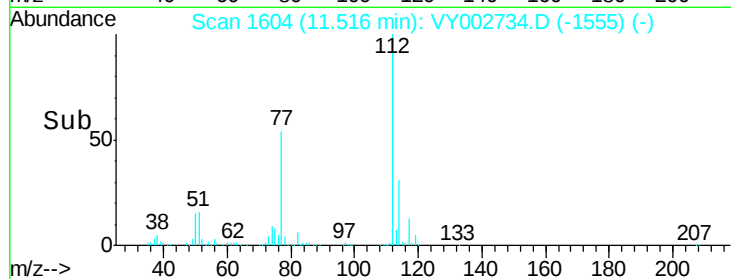
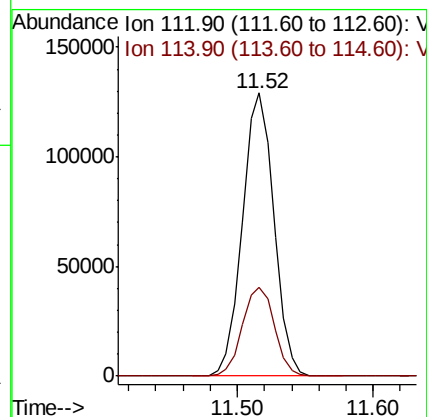
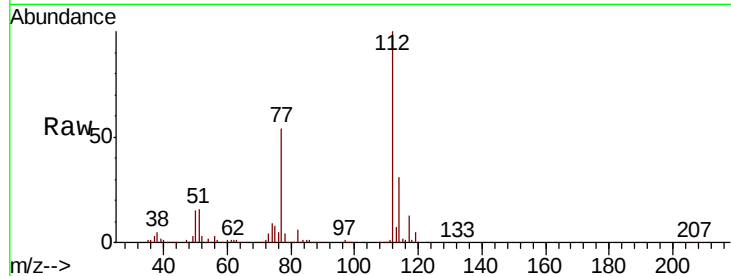




#65
Chlorobenzene
Concen: 20.079 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

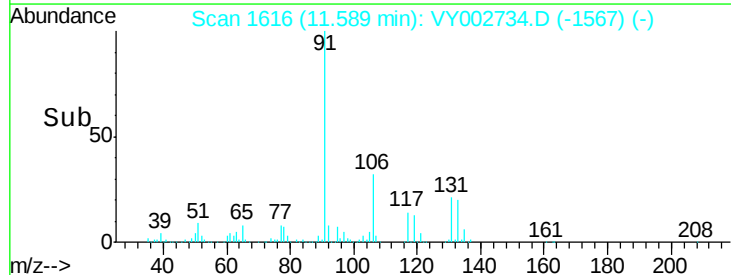
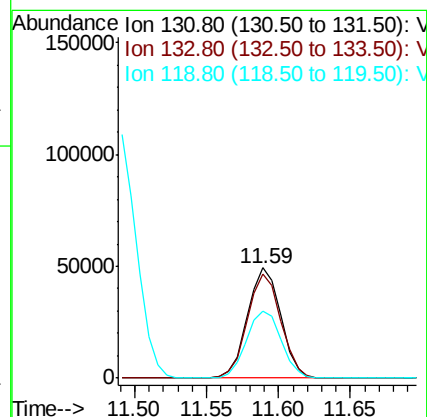
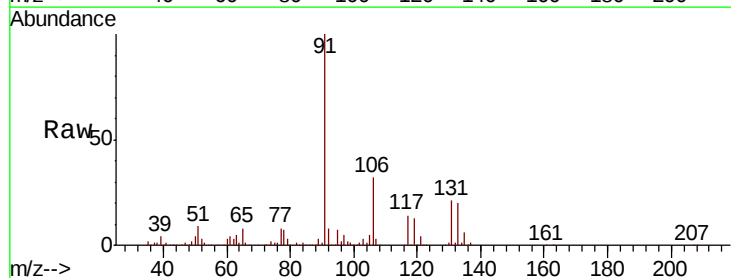
Instrument :
MSVOA_Y
ClientSampleId :

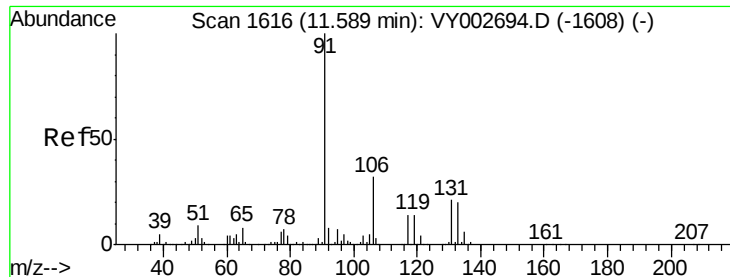
Tot Ion:112 Resp: 208594
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.350 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion:131 Resp: 78461
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 64.1 31.6 94.8





#67

Ethyl Benzene

Concen: 19.997 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

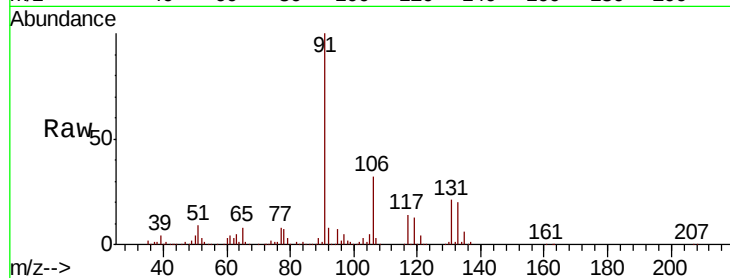
ClientSampleId :

Tot Ion: 91 Resp: 364753

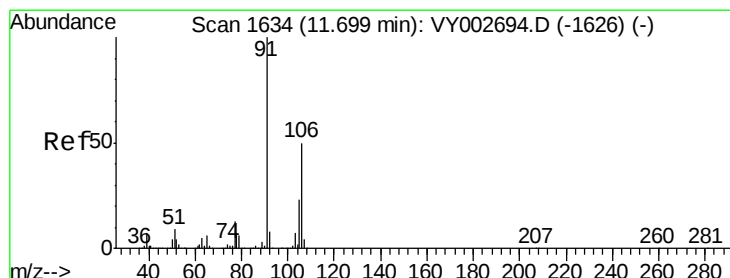
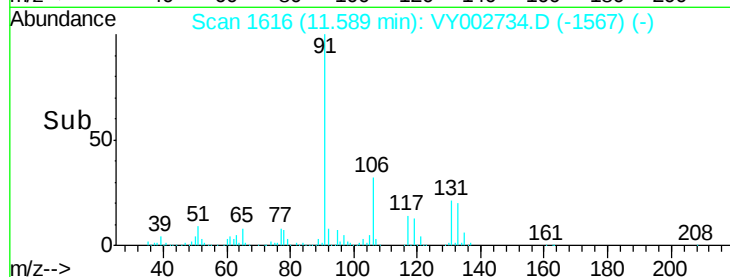
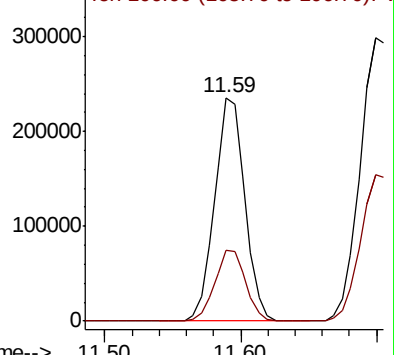
Ion Ratio Lower Upper

91 100

106 31.8 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VY002694.D (-1608) (-)



#68

m/p-Xylenes

Concen: 40.218 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002734.D

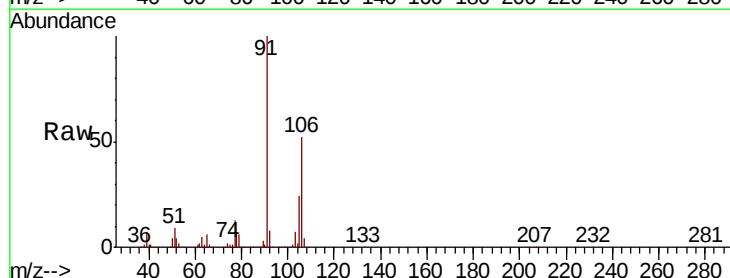
Acq: 21 May 2020 11:50

Tgt Ion: 106 Resp: 285405

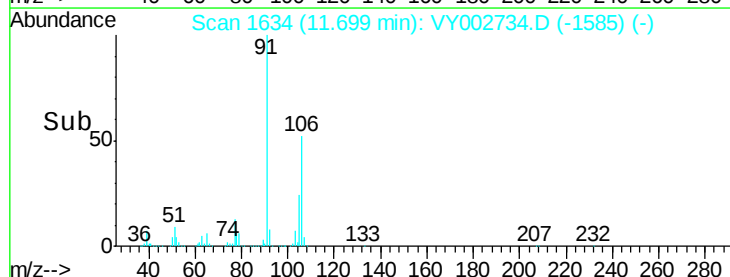
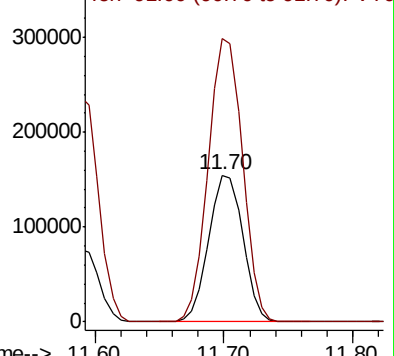
Ion Ratio Lower Upper

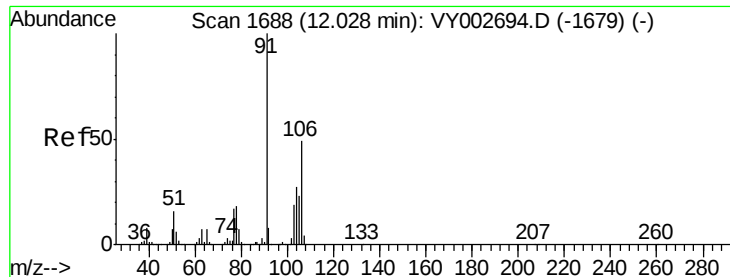
106 100

91 193.2 156.2 234.4



Abundance Ion 106.00 (105.70 to 106.70): VY002694.D (-1626) (-)

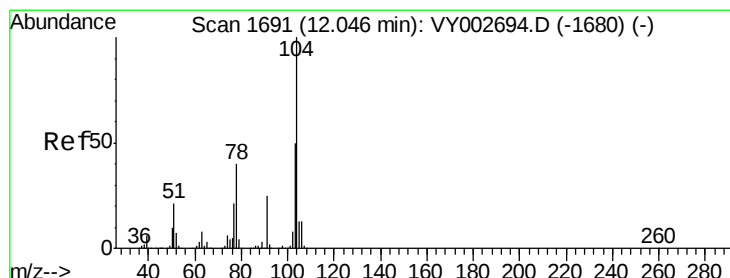
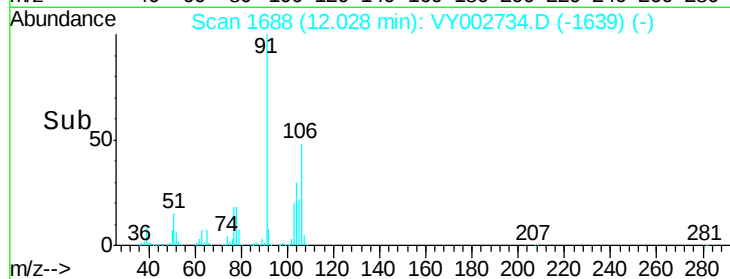
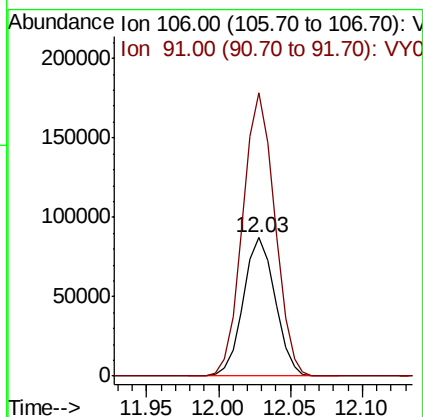
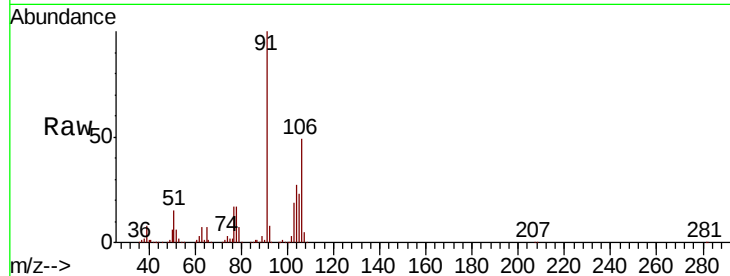




#69
o-Xylene
Concen: 20.047 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

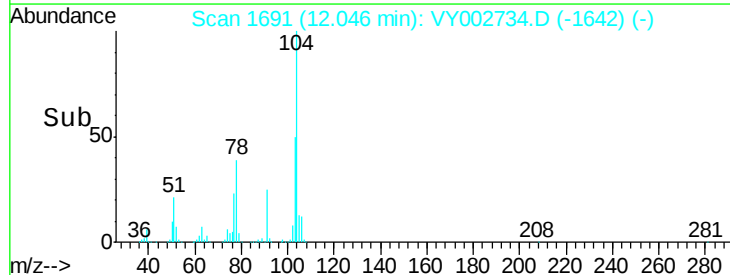
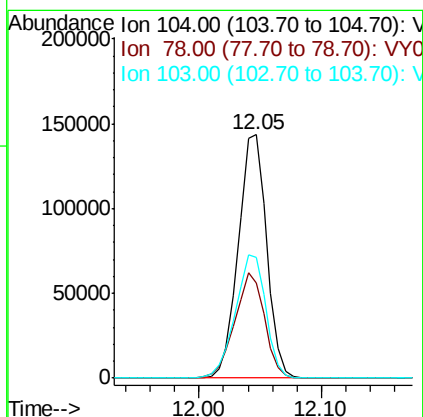
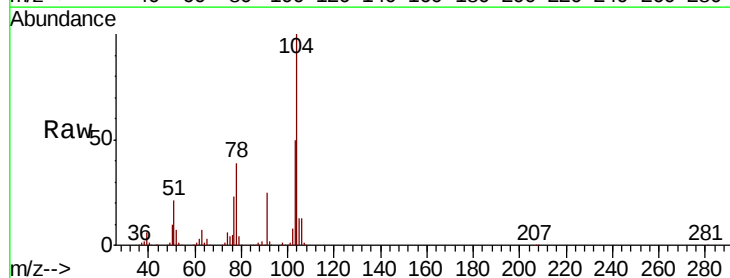
Instrument :
MSVOA_Y
ClientSampleId :

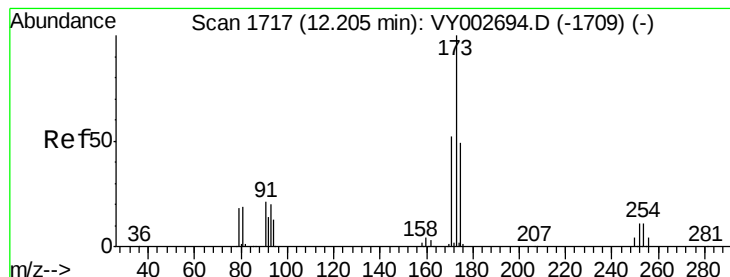
Tot Ion:106 Resp: 133522
Ion Ratio Lower Upper
106 100
91 206.3 103.5 310.3



#70
Styrene
Concen: 20.121 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion:104 Resp: 230099
Ion Ratio Lower Upper
104 100
78 45.4 36.6 54.8
103 54.5 44.1 66.1





#71

Bromoform

Concen: 20.590 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

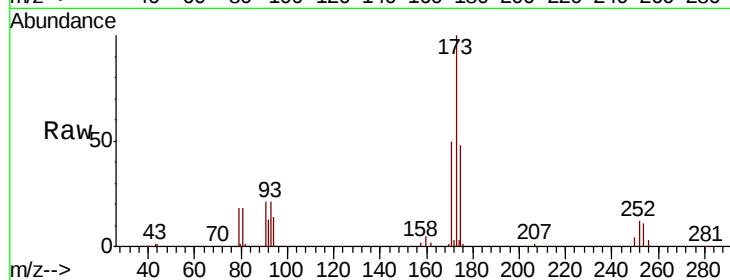
Tot Ion:173 Resp: 49072

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

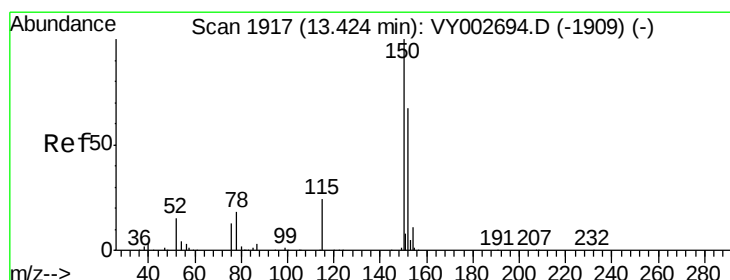
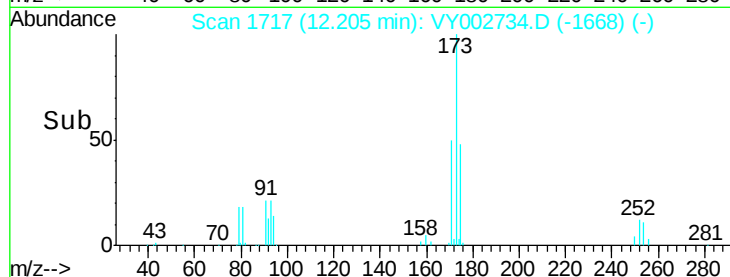
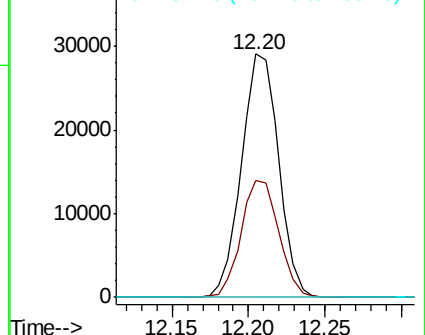
254 0.0 0.1 0.1#



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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

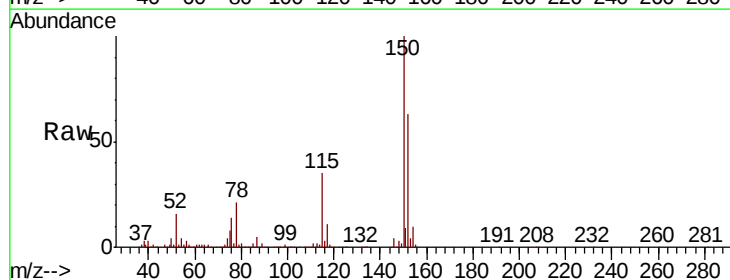
Tgt Ion:152 Resp: 278933

Ion Ratio Lower Upper

152 100

115 53.9 27.2 81.6

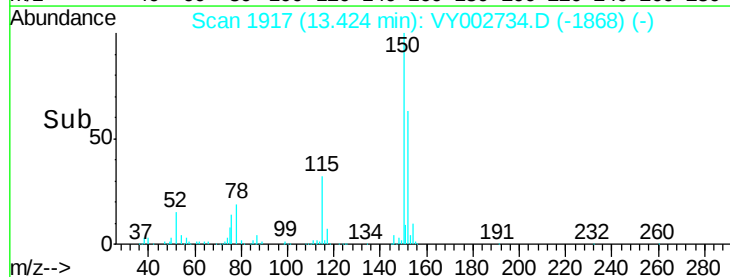
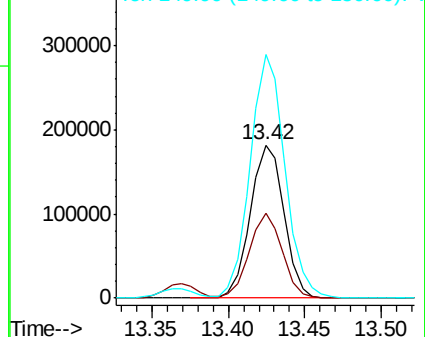
150 163.7 0.0 343.8

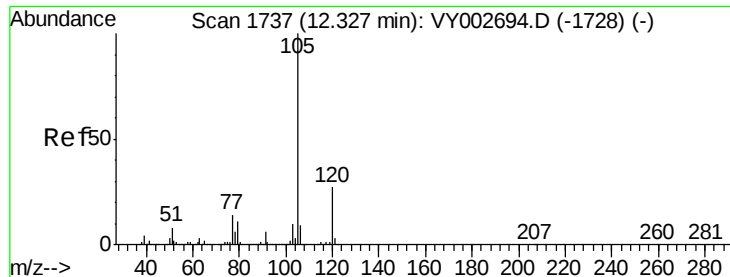


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.922 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

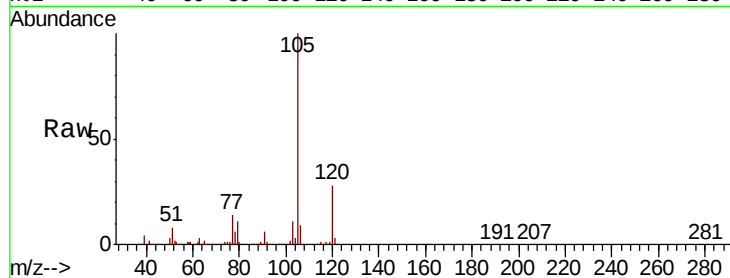
ClientSampleId :

Tot Ion:105 Resp: 363107

Ion Ratio Lower Upper

105 100

120 28.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

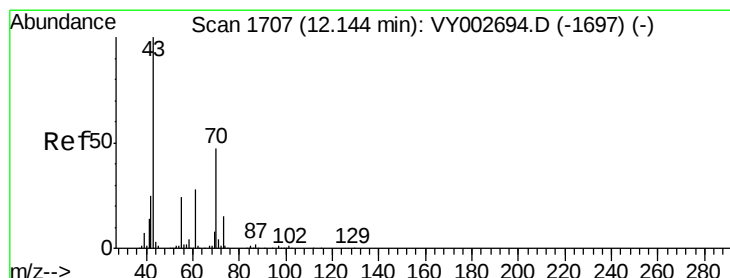
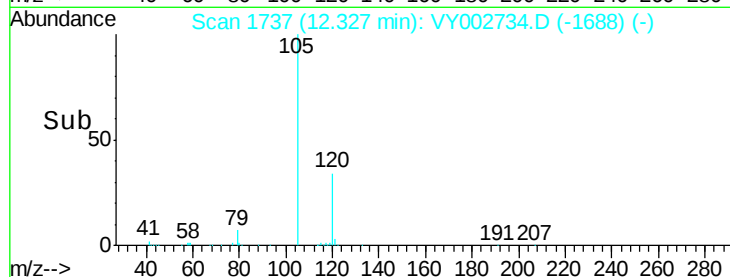
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.571 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Tgt Ion: 43 Resp: 92256

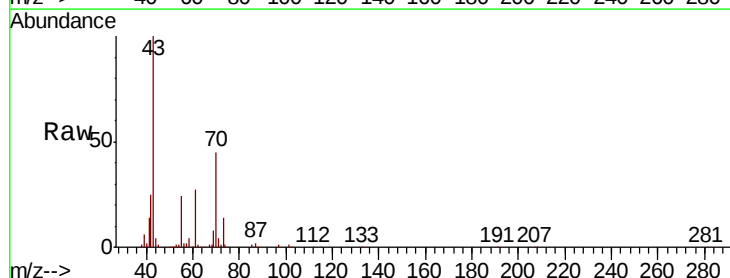
Ion Ratio Lower Upper

43 100

70 46.1 37.7 56.5

55 24.2 19.4 29.0

61 26.9 21.3 31.9



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

100000

80000

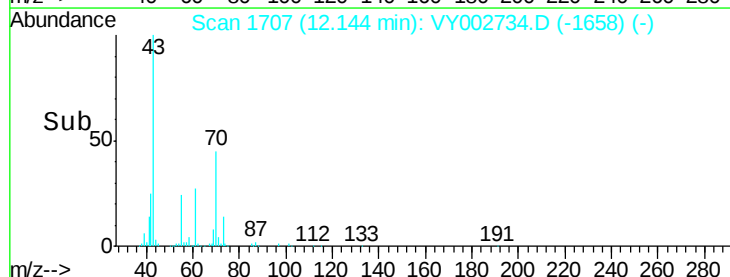
60000

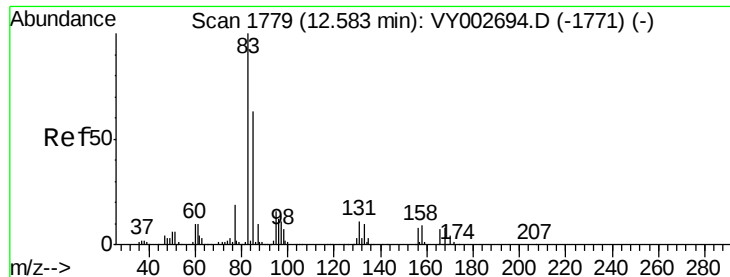
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.053 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

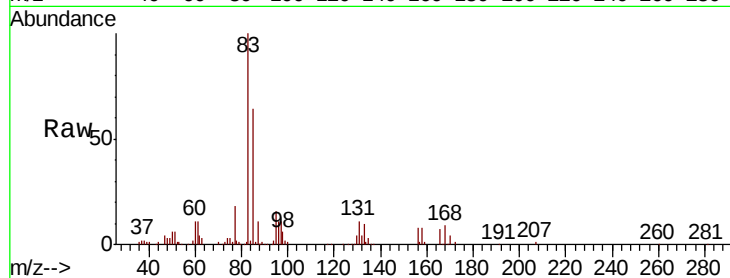
Tot Ion: 83 Resp: 56505

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.3

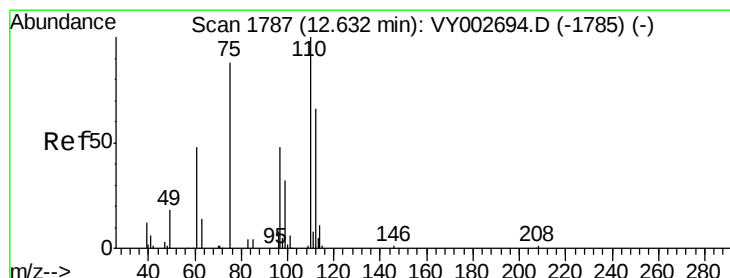
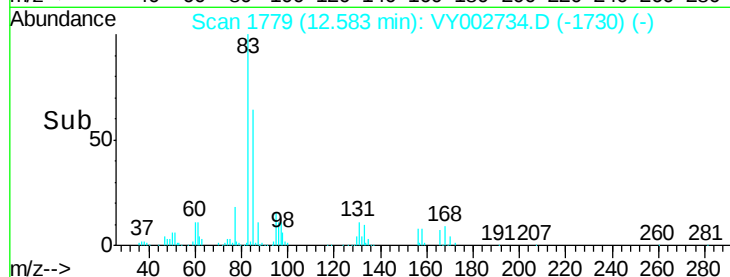
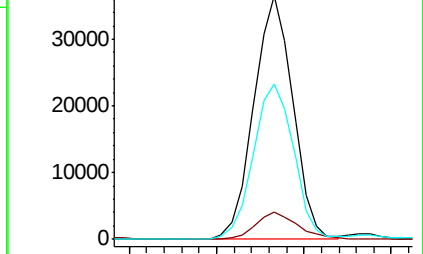
85 66.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002734.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002734.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002734.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 39.280 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002734.D

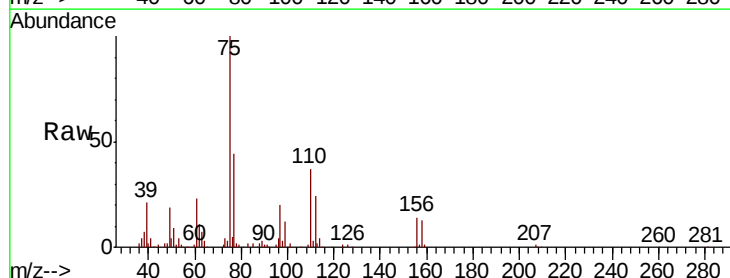
Acq: 21 May 2020 11:50

Tgt Ion: 75 Resp: 90004

Ion Ratio Lower Upper

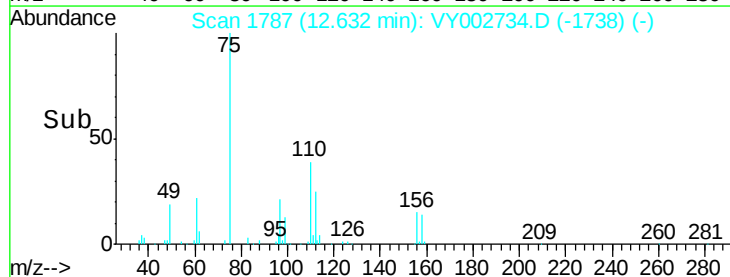
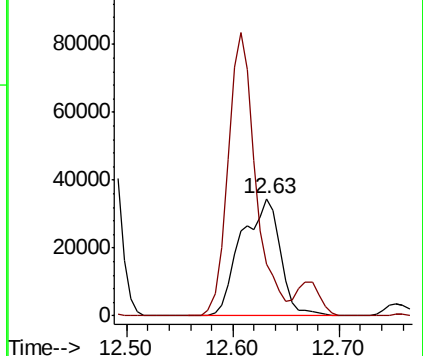
75 100

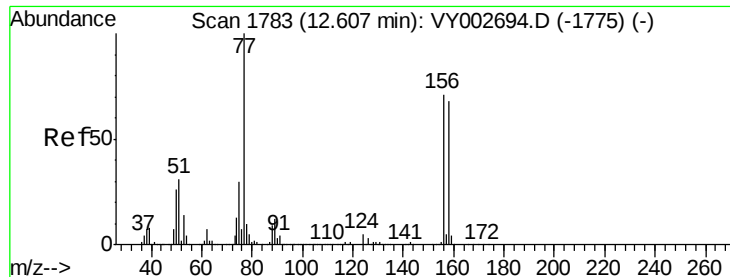
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002734.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002734.D (-1738) (-)





#77

Bromobenzene

Concen: 20.582 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

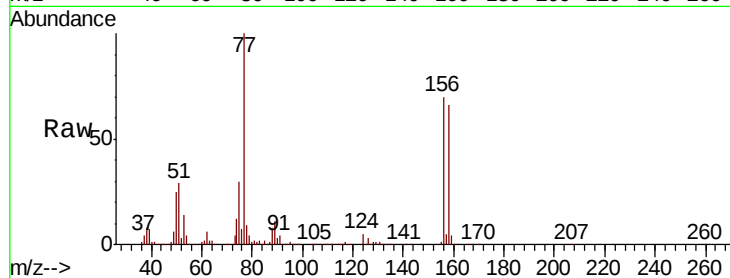
Tot Ion:156 Resp: 93784

Ion Ratio Lower Upper

156 100

77 161.3 80.8 242.3

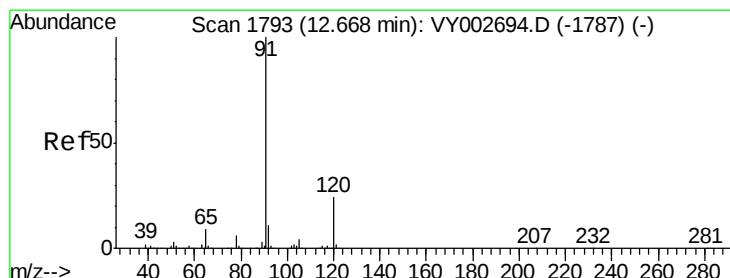
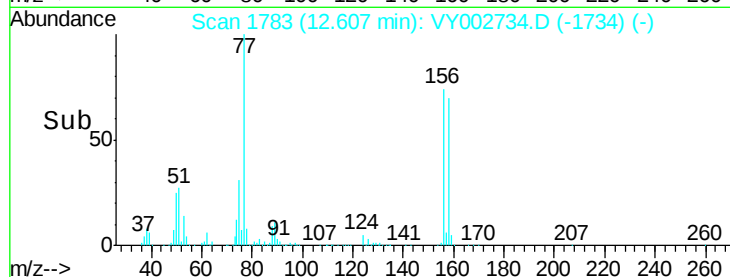
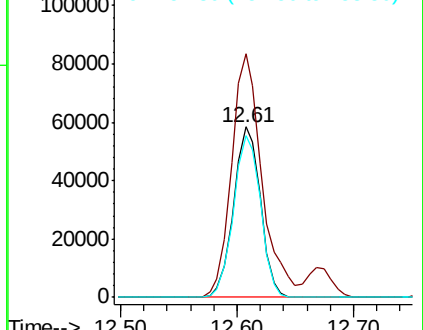
158 95.6 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.035 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002734.D

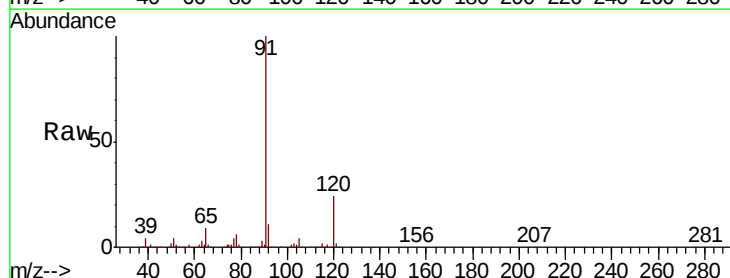
Acq: 21 May 2020 11:50

Tgt Ion: 91 Resp: 424788

Ion Ratio Lower Upper

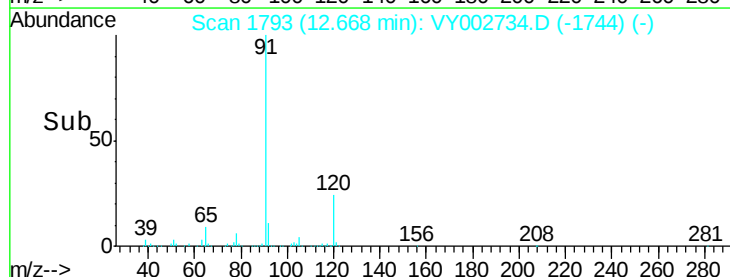
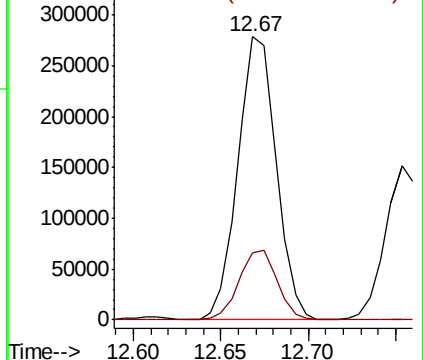
91 100

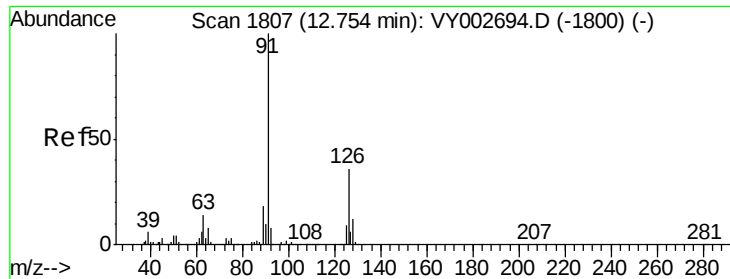
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

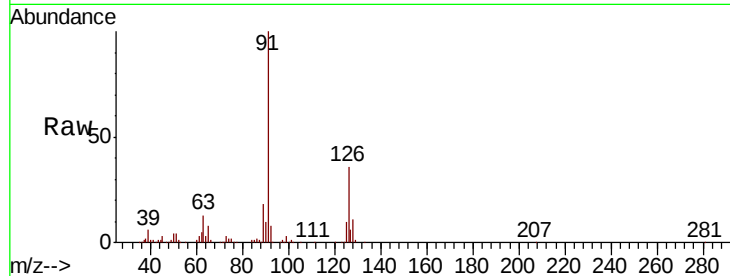




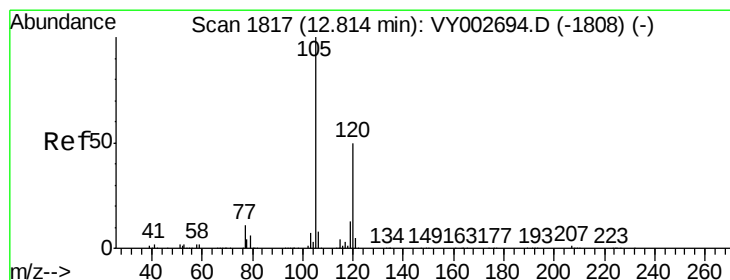
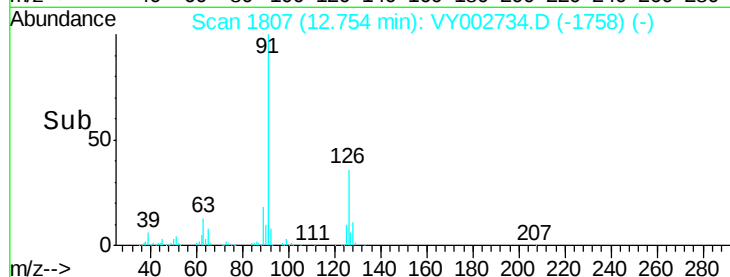
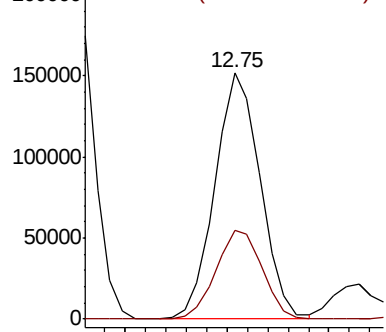
#79
2-Chlorotoluene
Concen: 19.975 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 234898
Ion Ratio Lower Upper
91 100
126 37.0 18.4 55.0

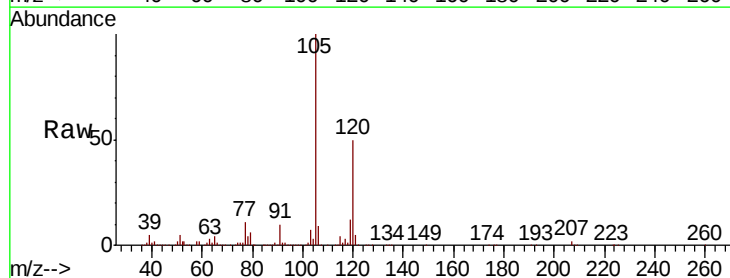


Abundance Ion 91.00 (90.70 to 91.70): VY002734.D (-1758) (-)
Ion 125.90 (125.60 to 126.60): VY002734.D (-1758) (-)

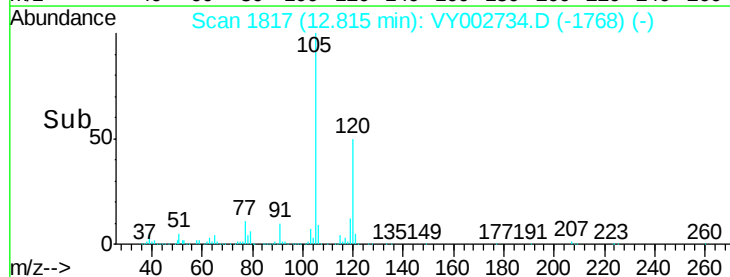
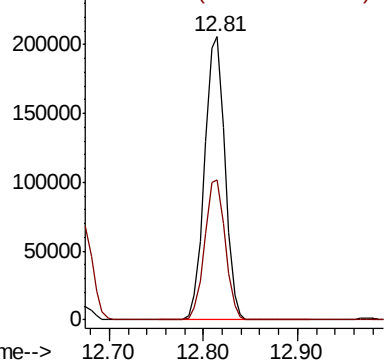


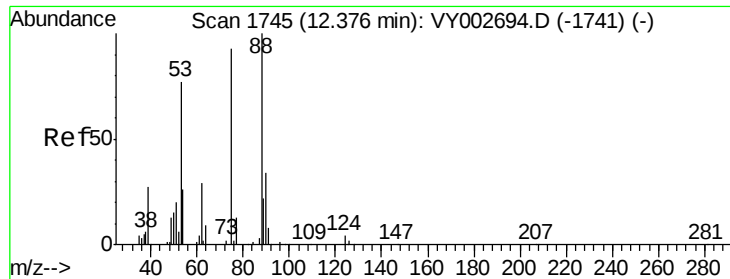
#80
1,3,5-Trimethylbenzene
Concen: 20.076 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 105 Resp: 307447
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY002734.D (-1768) (-)
Ion 120.00 (119.70 to 120.70): VY002734.D (-1768) (-)

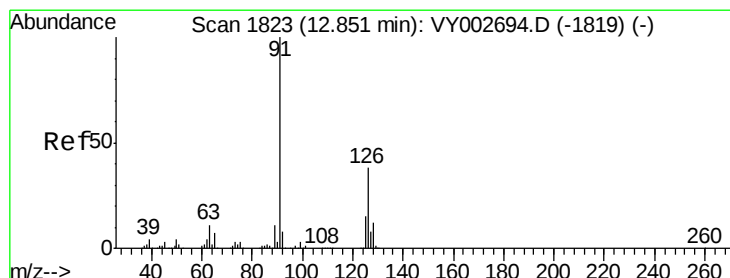
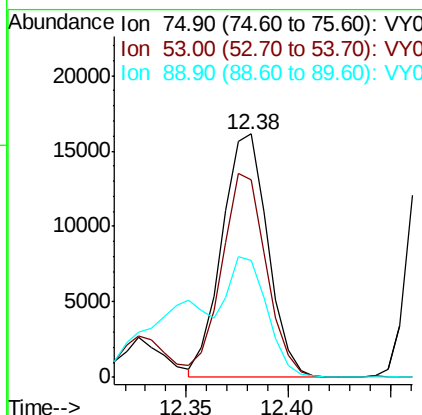
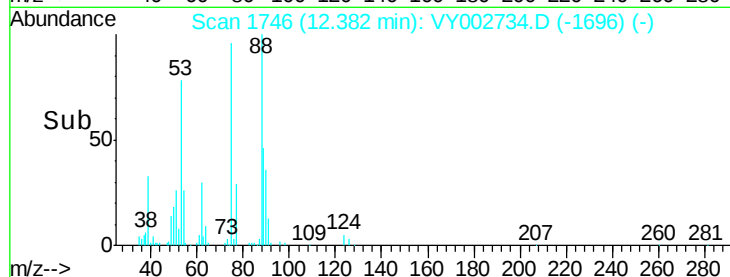
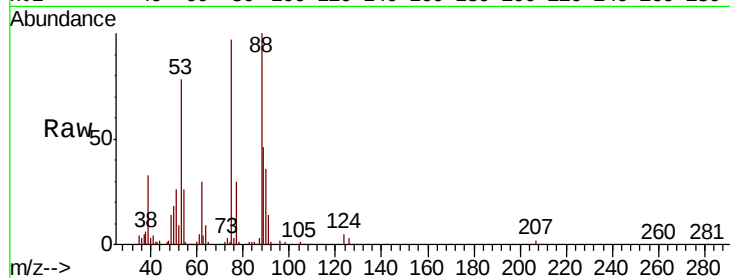




#81
trans-1,4-Dichloro-2-butene
Concen: 20.763 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

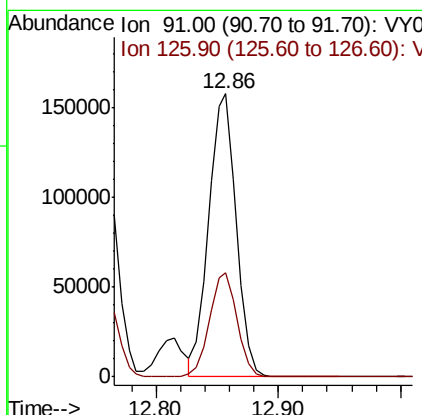
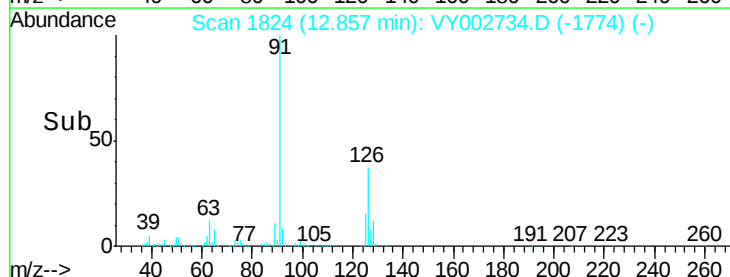
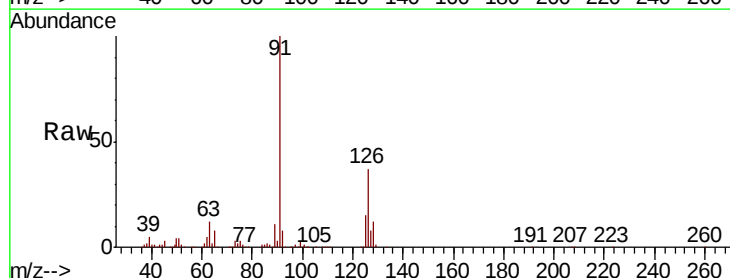
Instrument :
MSVOA_Y
ClientSampleId :

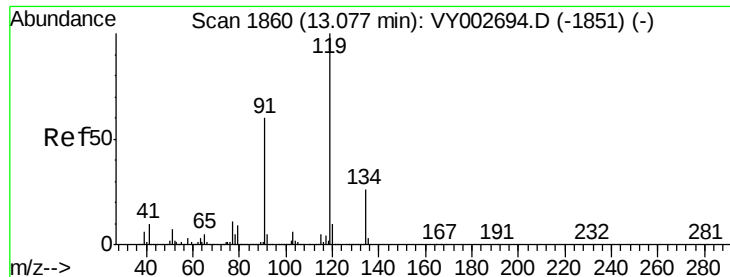
Tot Ion: 75 Resp: 25156
Ion Ratio Lower Upper
75 100
53 81.3 65.0 97.6
89 43.5 66.6 99.8#



#82
4-Chlorotoluene
Concen: 20.027 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 91 Resp: 246690
Ion Ratio Lower Upper
91 100
126 36.7 18.6 56.0

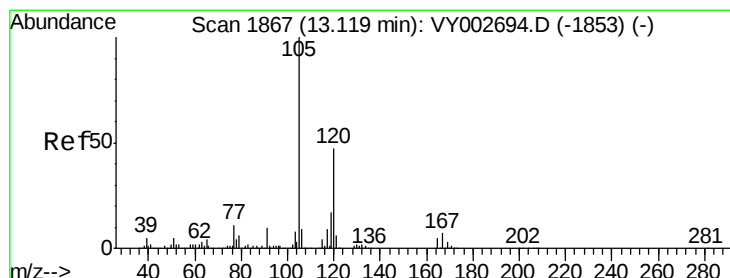
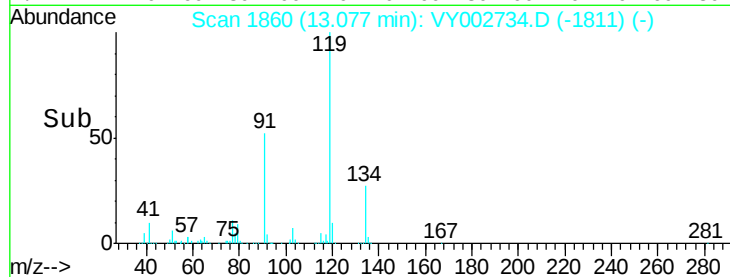
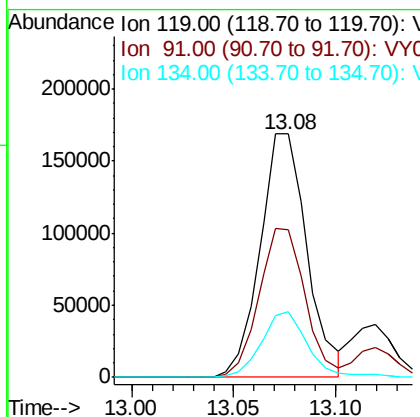
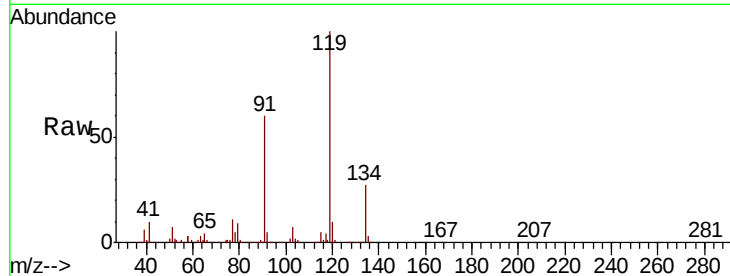




#83
tert-Butylbenzene
Concen: 19.946 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

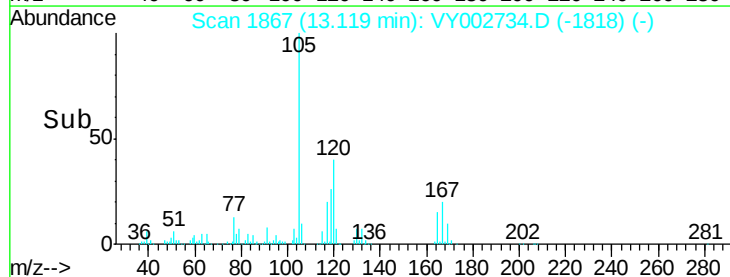
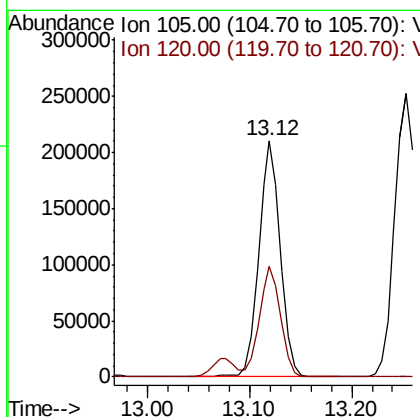
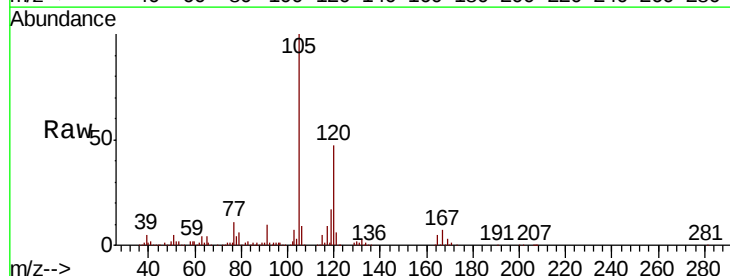
Instrument :
MSVOA_Y
ClientSampleId :

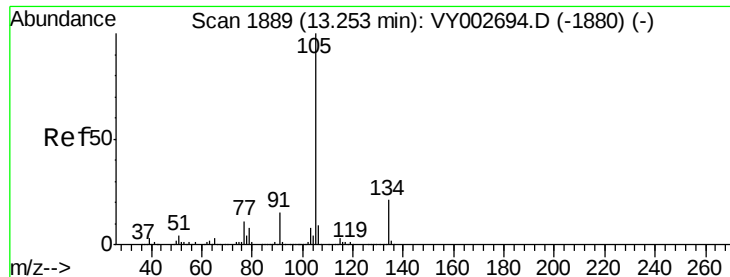
Tot Ion:119 Resp: 270336
Ion Ratio Lower Upper
119 100
91 60.1 30.4 91.2
134 26.5 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 20.153 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion:105 Resp: 308444
Ion Ratio Lower Upper
105 100
120 46.6 23.5 70.5





#85

sec-Butylbenzene

Concen: 19.957 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

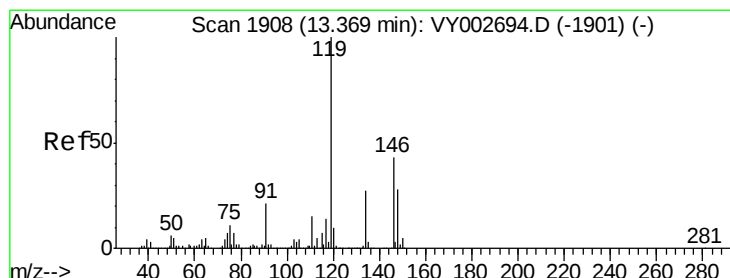
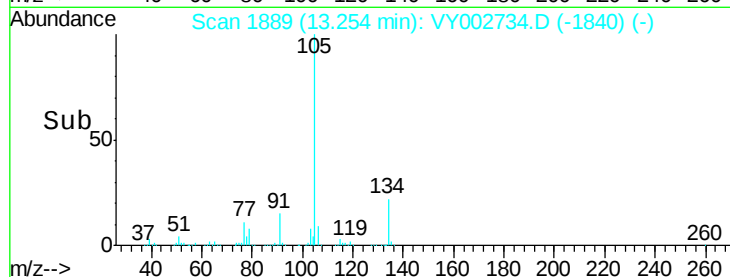
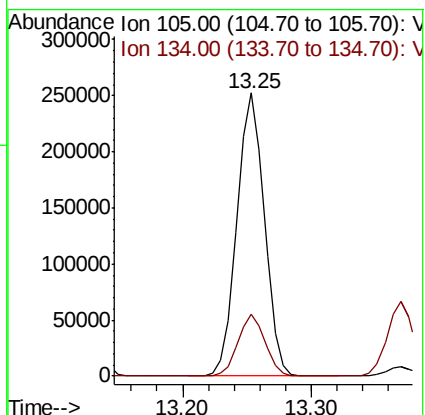
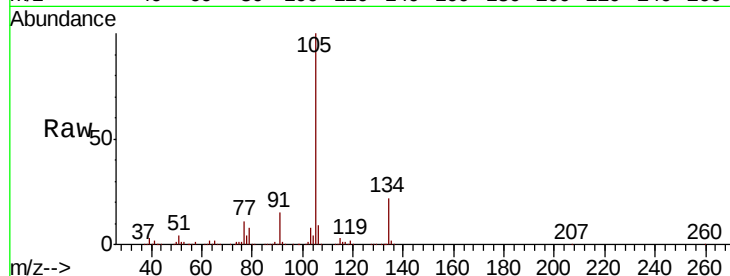
ClientSampled :

Tot Ion:105 Resp: 373248

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.3



#86

p-Isopropyltoluene

Concen: 19.930 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

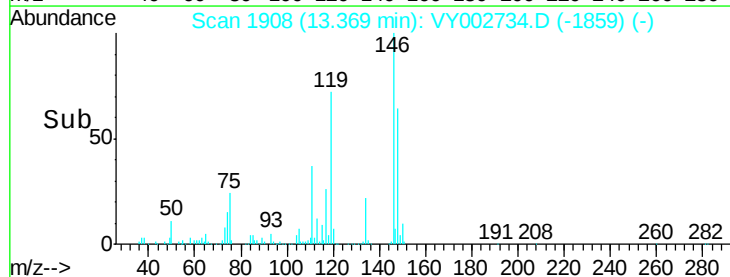
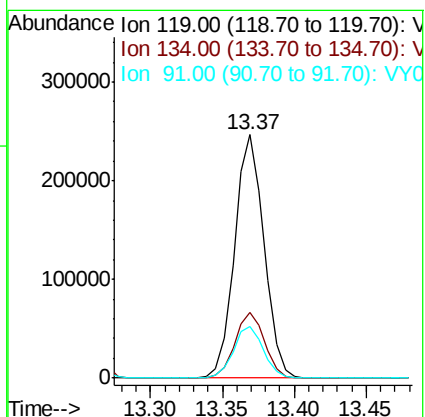
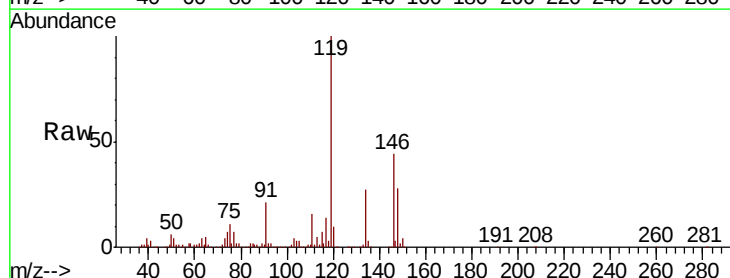
Tgt Ion:119 Resp: 348892

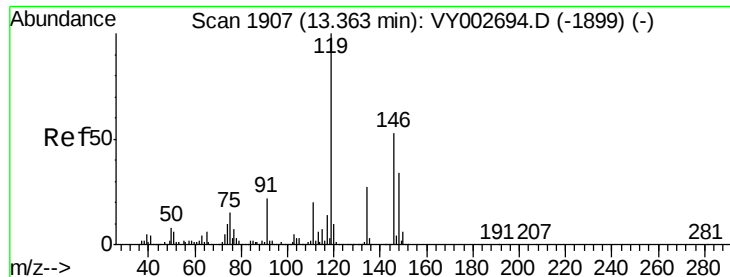
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 21.4 10.8 32.3

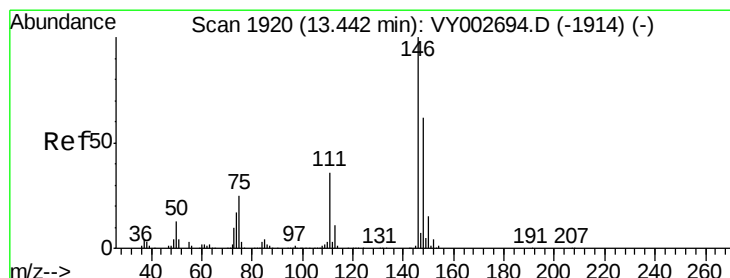
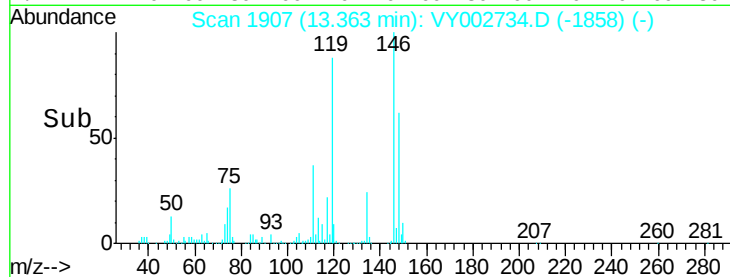
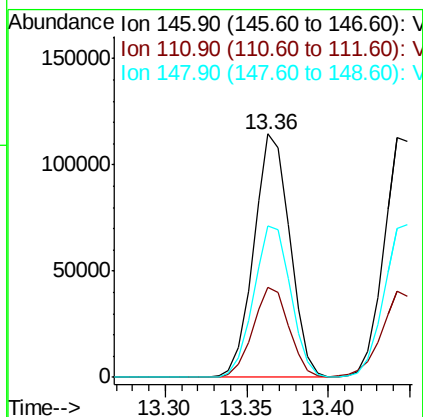
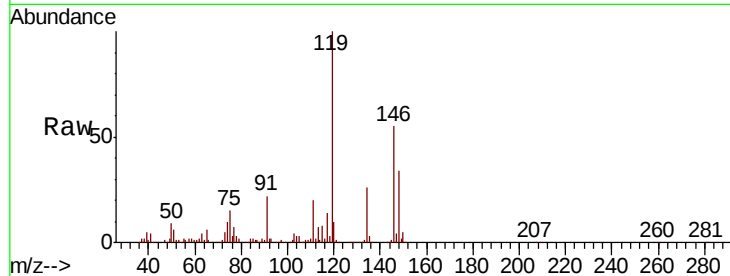




#87
 1,3-Dichlorobenzene
 Concen: 20.016 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

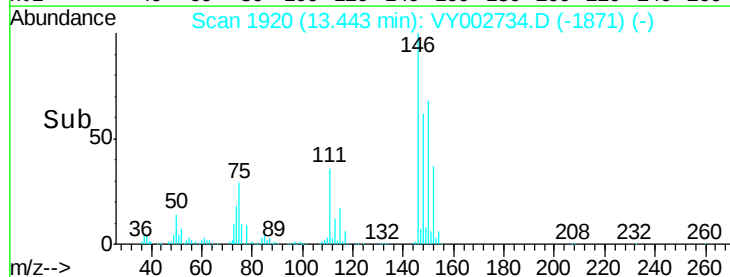
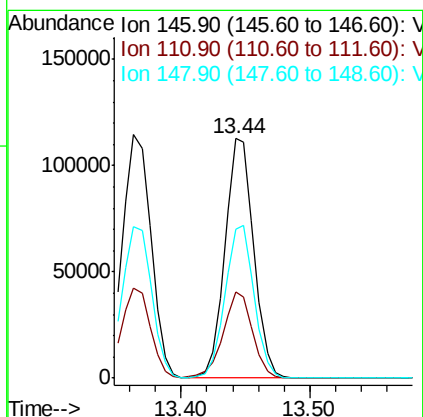
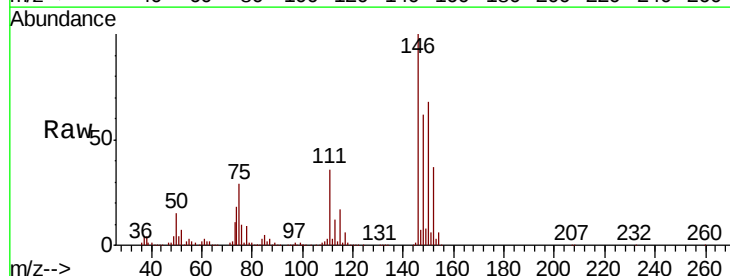
Instrument :
 MSVOA_Y
 ClientSampleId :

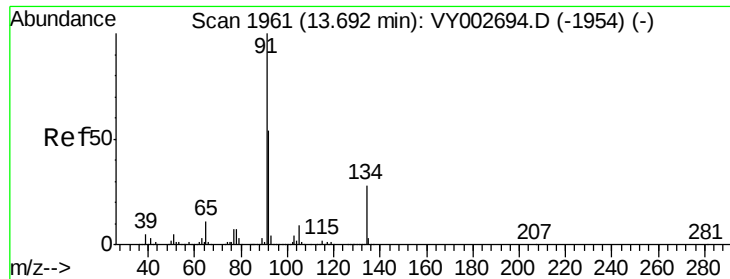
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.5	55.5
148	64.0	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.149 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.4
148	64.2	31.8	95.3

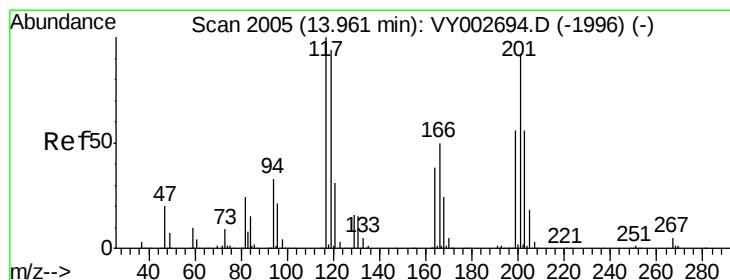
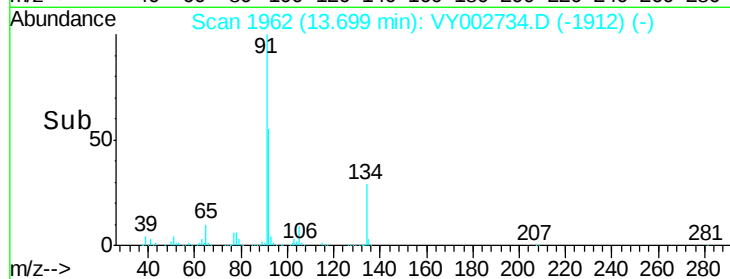
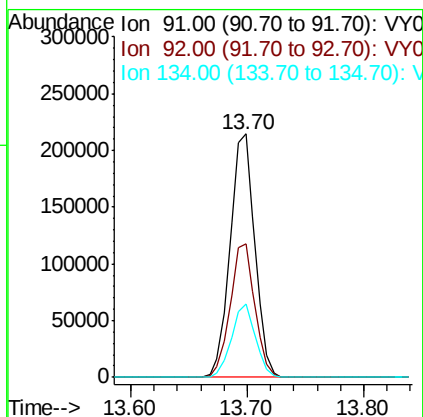
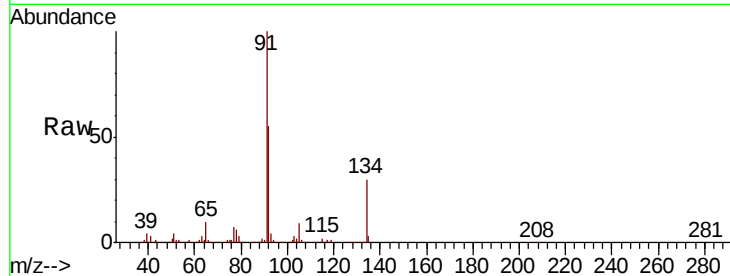




#89
n-Butylbenzene
Concen: 19.693 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

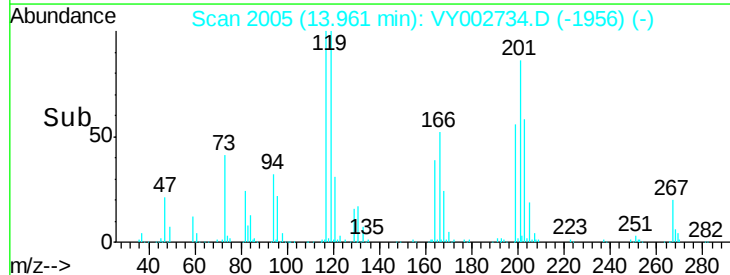
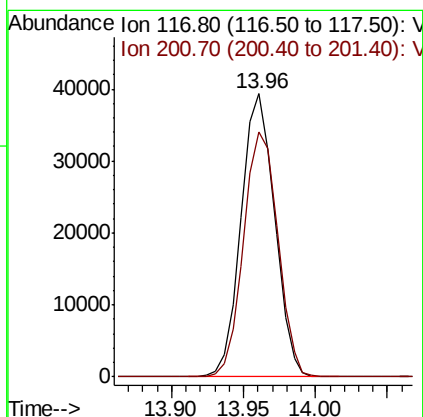
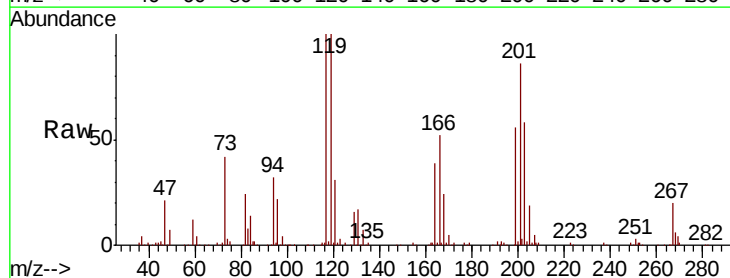
Instrument :
MSVOA_Y
ClientSampleId :

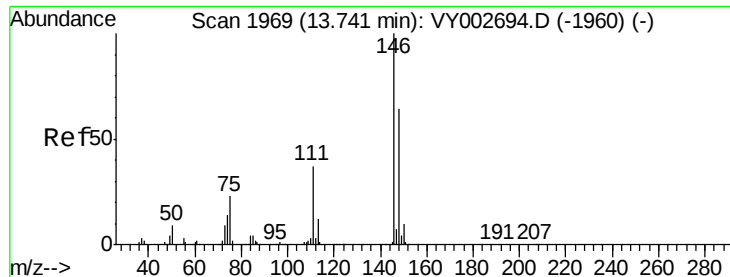
Tot Ion: 91 Resp: 316603
Ion Ratio Lower Upper
91 100
92 54.7 26.8 80.4
134 29.2 14.5 43.5



#90
Hexachloroethane
Concen: 19.630 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion: 117 Resp: 63650
Ion Ratio Lower Upper
117 100
201 88.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 20.033 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

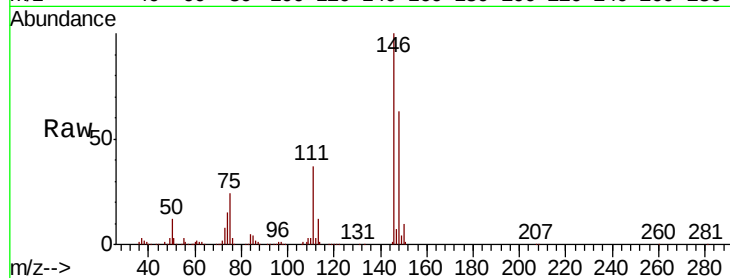
Tot Ion:146 Resp: 157841

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

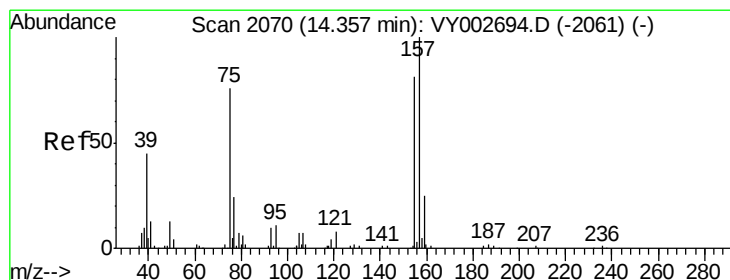
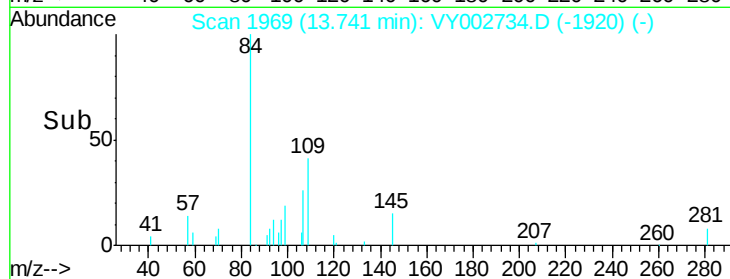
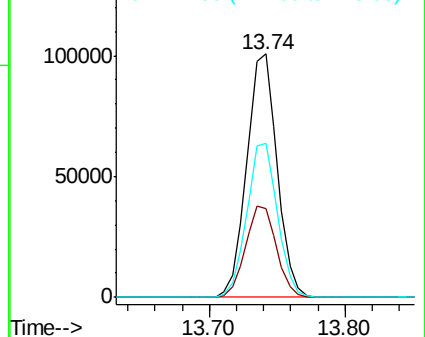
148 63.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.341 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002734.D

Acq: 21 May 2020 11:50

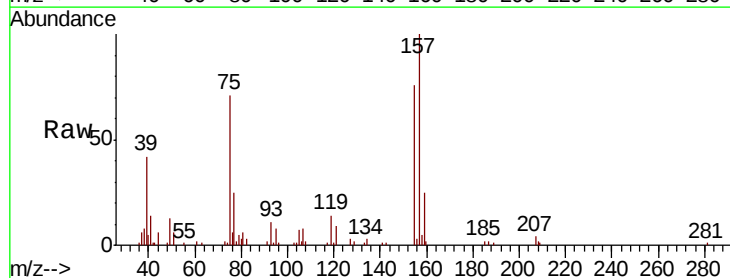
Tgt Ion: 75 Resp: 10984

Ion Ratio Lower Upper

75 100

155 103.8 53.5 160.7

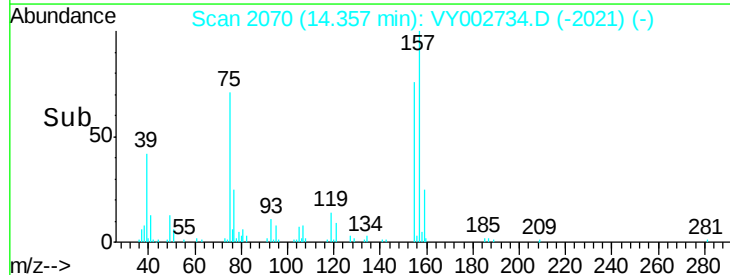
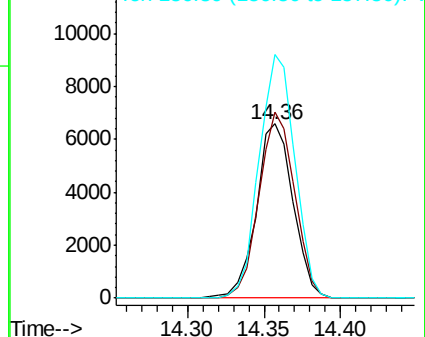
157 136.2 67.9 203.7

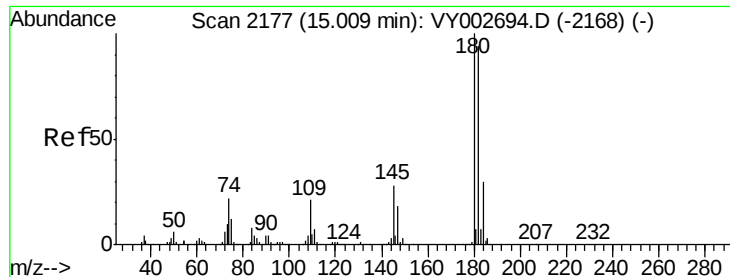


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

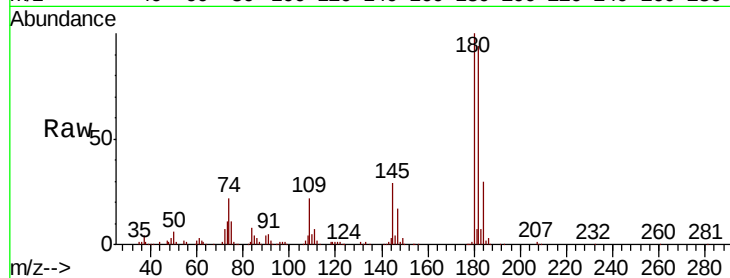




#93
 1,2,4-Trichlorobenzene
 Concen: 18.396 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	142.0
145	28.7	14.1	42.2

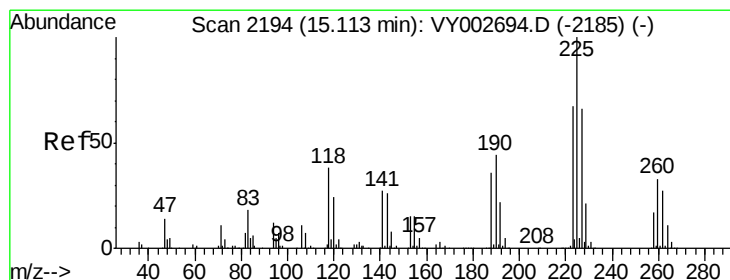
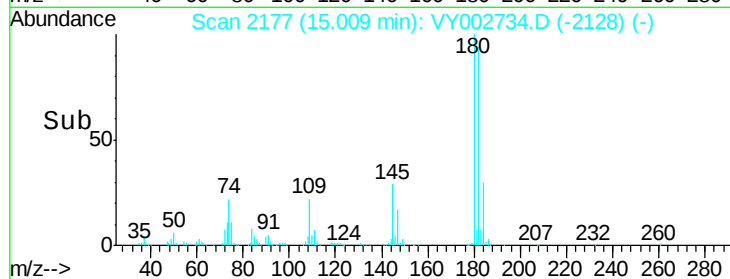
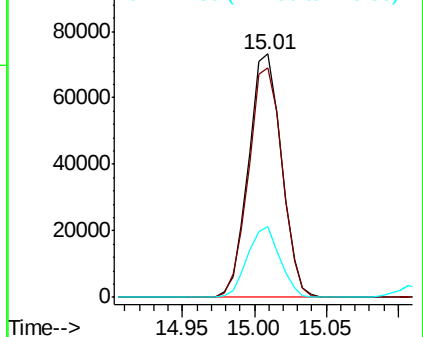


Abundance

Ion 179.80 (179.50 to 180.50): V

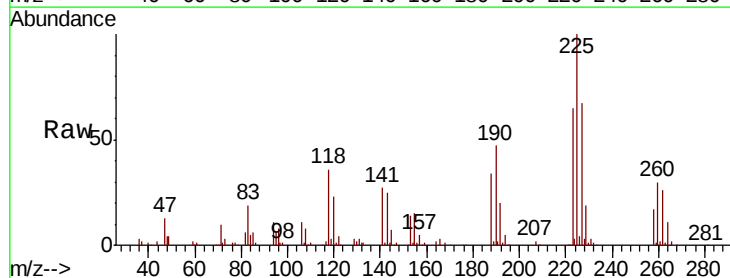
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.020 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002734.D
 Acq: 21 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.6	94.8
227	64.7	32.2	96.6

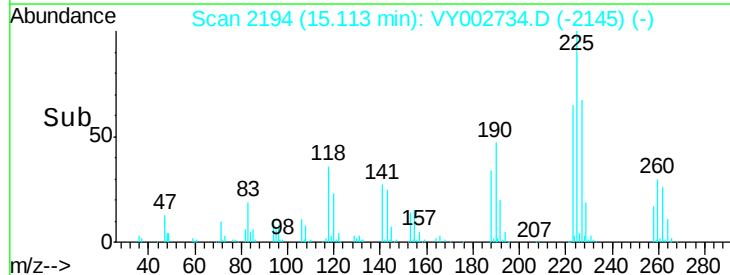
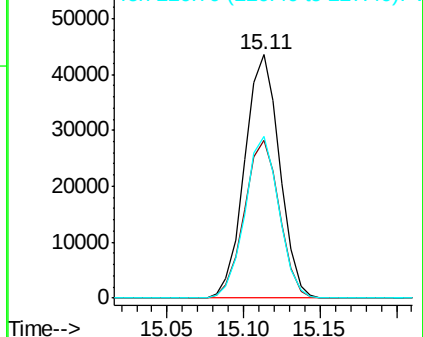


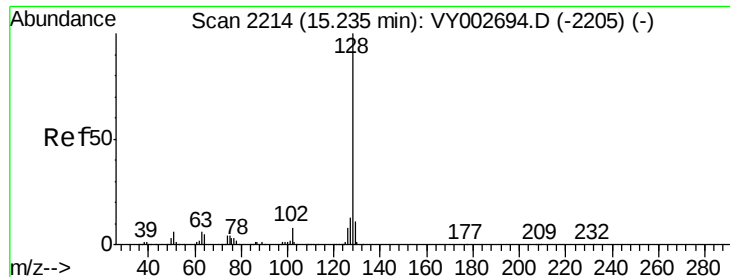
Abundance

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

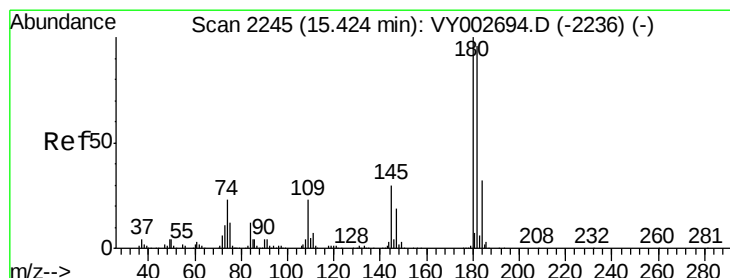
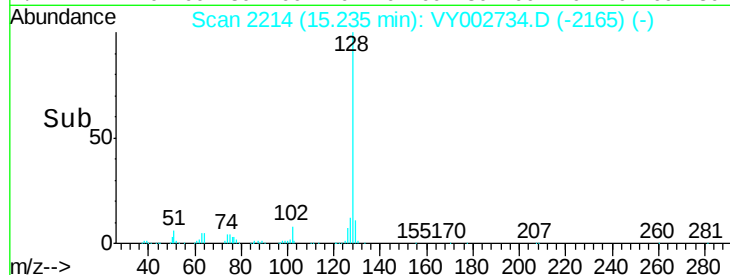
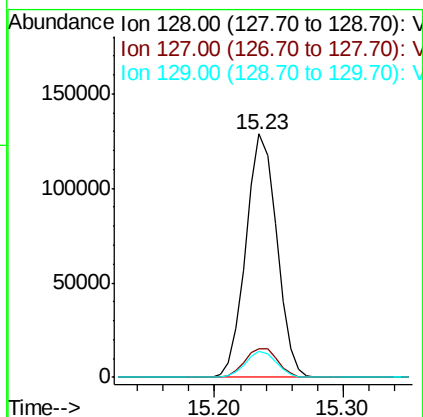
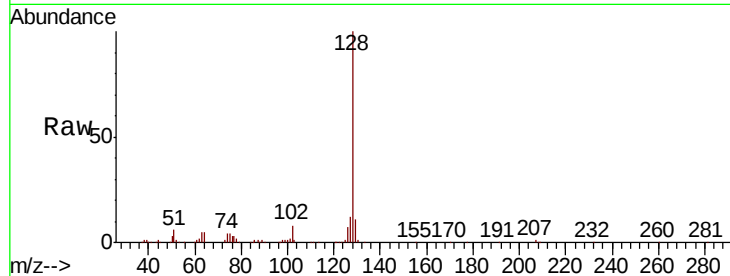




#95
Naphthalene
Concen: 19.673 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 213482
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.289 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002734.D
Acq: 21 May 2020 11:50

Tgt Ion:180 Resp: 98800
Ion Ratio Lower Upper
180 100
182 96.4 47.6 142.9
145 30.0 15.1 45.3

