

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
 Data File : VY002730.D
 Acq On : 20 May 2020 15:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 21 02:45:57 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	440759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	656183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	593674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	300295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	178873	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
35) Dibromofluoromethane	7.72	113	192215	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	10.18	98	749240	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.48	95	255022	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	145289	46.001	ug/l	96
3) Chloromethane	2.12	50	158642	43.859	ug/l	99
4) Vinyl Chloride	2.26	62	174980	46.425	ug/l	99
5) Bromomethane	2.65	94	130491	46.711	ug/l	99
6) Chloroethane	2.80	64	112836	46.815	ug/l	100
7) Trichlorofluoromethane	3.13	101	311072	48.973	ug/l	99
8) Diethyl Ether	3.54	74	108326	50.132	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	194572	50.533	ug/l	99
10) Methyl Iodide	4.10	142	268334	50.630	ug/l	99
11) Tert butyl alcohol	4.96	59	81641	233.172	ug/l	99
12) 1,1-Dichloroethene	3.88	96	192503	49.793	ug/l	98
13) Acrolein	3.74	56	103716	252.555	ug/l	99
14) Allyl chloride	4.49	41	281818	50.775	ug/l	98
15) Acrylonitrile	5.18	53	244015	249.402	ug/l	99
16) Acetone	3.96	43	161082	226.646	ug/l	99
17) Carbon Disulfide	4.20	76	585135	48.251	ug/l	99
18) Methyl Acetate	4.49	43	102473	50.568	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	499003	52.036	ug/l	99
20) Methylene Chloride	4.72	84	204715	47.651	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	213424	49.645	ug/l	98
22) Diisopropyl ether	6.13	45	570385	51.798	ug/l	96
23) Vinyl Acetate	6.07	43	1830392	259.590	ug/l	98
24) 1,1-Dichloroethane	6.03	63	335182	50.939	ug/l	99
25) 2-Butanone	6.99	43	291691	248.054	ug/l	99
26) 2,2-Dichloropropane	6.99	77	301862	49.305	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	235032	50.597	ug/l	100
28) Bromochloromethane	7.34	49	124917	47.989	ug/l	99
29) Tetrahydrofuran	7.35	42	201323	251.627	ug/l	100
30) Chloroform	7.52	83	345132	50.537	ug/l	99
31) Cyclohexane	7.79	56	315996	47.349	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	315973	50.073	ug/l	99
36) 1,1-Dichloropropene	7.93	75	274286	49.377	ug/l	100
37) Ethyl Acetate	7.08	43	137304	50.255	ug/l	99
38) Carbon Tetrachloride	7.91	117	297058	49.757	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	369739	49.502	ug/l	97
40) Benzene	8.16	78	801611	49.457	ug/l	99
41) Methacrylonitrile	7.35	41	182512	111.188	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	213114	49.853	ug/l	98
43) Isopropyl Acetate	8.28	43	263238	51.843	ug/l	99
44) Trichloroethene	8.94	130	256494	49.646	ug/l	100
45) 1,2-Dichloropropane	9.22	63	194066	50.449	ug/l	99
46) Dibromomethane	9.31	93	110223	51.000	ug/l	99
47) Bromodichloromethane	9.50	83	271933	51.555	ug/l	99
48) Methyl methacrylate	9.29	41	120409	51.504	ug/l	96
49) 1,4-Dioxane	9.30	88	29487	1001.769	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	669163	255.256	ug/l	100
52) Toluene	10.24	92	518109	49.396	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	283845	50.419	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	332346	50.922	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	163627	50.854	ug/l	97
56) Ethyl methacrylate	10.51	69	219864	51.328	ug/l	99
57) 1,3-Dichloropropane	10.79	76	272070	50.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	547322	258.825	ug/l	99
59) 2-Hexanone	10.83	43	465250	254.733	ug/l	99
60) Dibromochloromethane	10.99	129	207890	50.575	ug/l	99
61) 1,2-Dibromoethane	11.09	107	161038	50.800	ug/l	100
64) Tetrachloroethene	10.72	164	278043	49.332	ug/l	99
65) Chlorobenzene	11.52	112	575131	50.134	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	216218	50.783	ug/l	99
67) Ethyl Benzene	11.60	91	1005948	49.941	ug/l	99
68) m/p-Xylenes	11.70	106	778582	99.353	ug/l	99
69) o-Xylene	12.03	106	366672	49.852	ug/l	100
70) Styrene	12.04	104	633484	50.164	ug/l	99
71) Bromoform	12.20	173	135296	51.407	ug/l	100
73) Isopropylbenzene	12.33	105	1000554	50.992	ug/l	100
74) N-amyl acetate	12.14	43	246541	53.544	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	150203	51.983	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	239921	97.259	ug/l #	100
77) Bromobenzene	12.61	156	275505	56.161	ug/l	90
78) n-propylbenzene	12.67	91	1162249	50.917	ug/l	100
79) 2-Chlorotoluene	12.75	91	639257	50.493	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	830212	50.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	67896	52.053	ug/l #	77
82) 4-Chlorotoluene	12.86	91	669251	50.466	ug/l	99
83) tert-Butylbenzene	13.08	119	735662	50.417	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	829972	50.370	ug/l	100
85) sec-Butylbenzene	13.25	105	1018054	50.561	ug/l	100
86) p-Isopropyltoluene	13.37	119	949911	50.401	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	473671	50.079	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	466966	49.589	ug/l	99
89) n-Butylbenzene	13.70	91	866866	50.085	ug/l	99
90) Hexachloroethane	13.96	117	178076	51.013	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	421790	49.724	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29148	52.604	ug/l	98

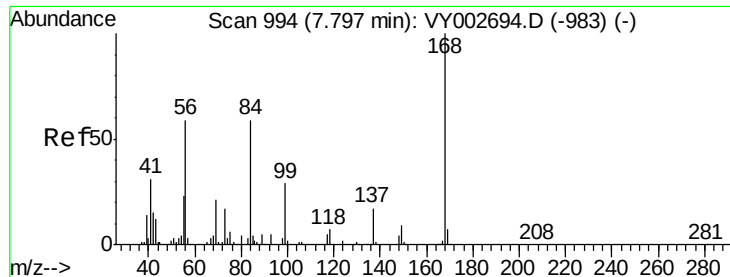
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	306256	50.113	ug/l	98
94) Hexachlorobutadiene	15.11	225	188096	51.672	ug/l	100
95) Naphthalene	15.23	128	572668	49.019	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	262455	50.465	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: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

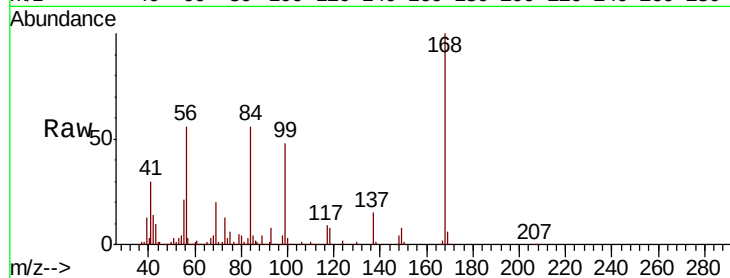
ClientSampled :

Tot Ion:168 Resp: 440759

Ion Ratio Lower Upper

168 100

99 47.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002730.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002730.D (-945) (-)

7.80

200000

150000

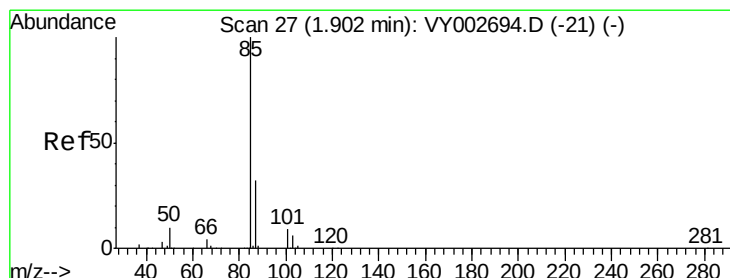
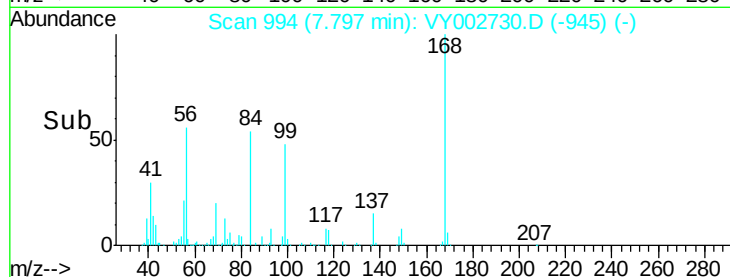
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.001 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002730.D

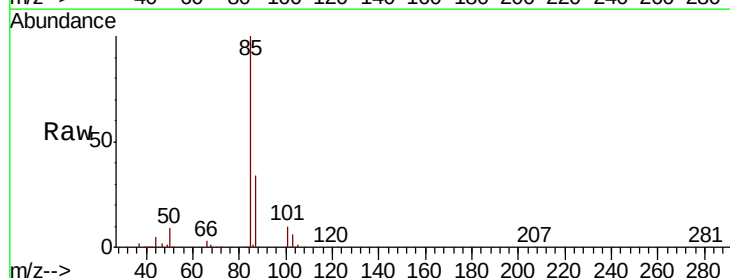
Acq: 20 May 2020 15:33

Tgt Ion: 85 Resp: 145289

Ion Ratio Lower Upper

85 100

87 33.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002730.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002730.D (-1) (-)

1.91

100000

80000

60000

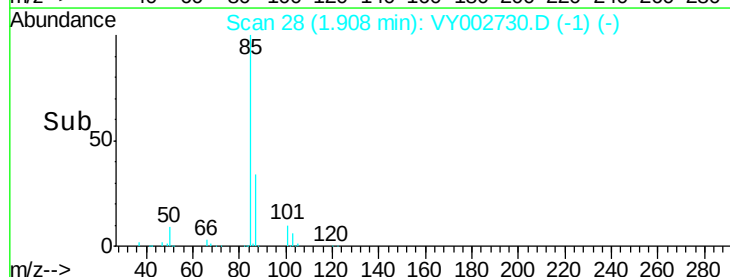
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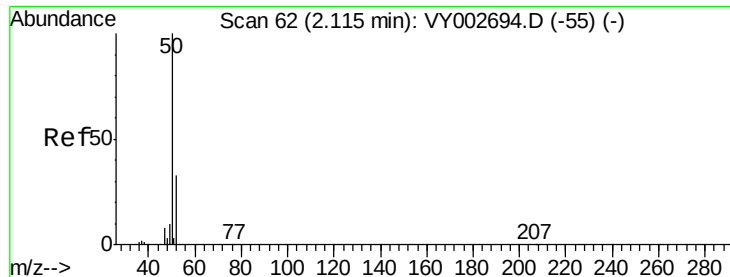
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.859 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

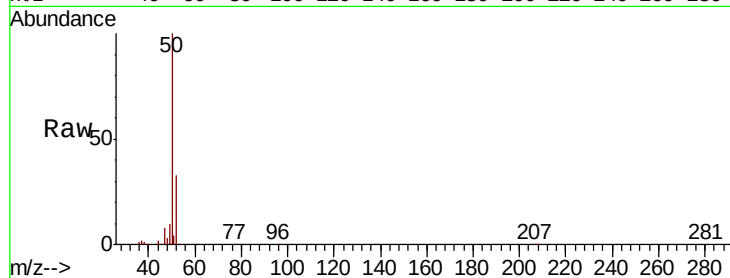
ClientSampleId :

Tot Ion: 50 Resp: 158642

Ion Ratio Lower Upper

50 100

52 32.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

120000

100000

80000

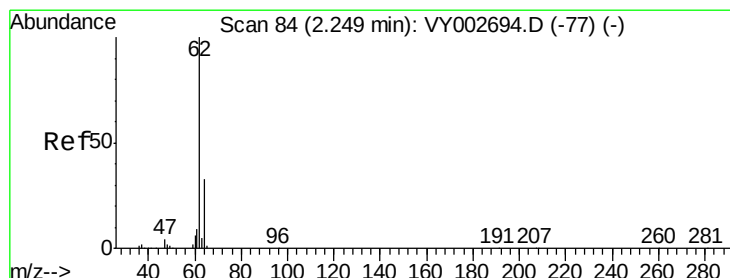
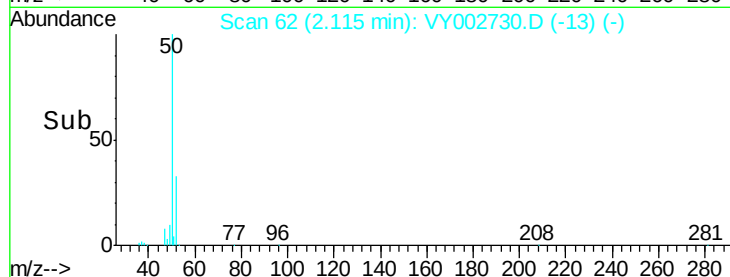
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 46.425 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002730.D

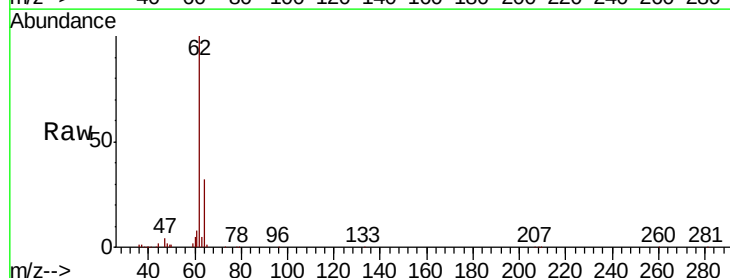
Acq: 20 May 2020 15:33

Tgt Ion: 62 Resp: 174980

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

120000

100000

80000

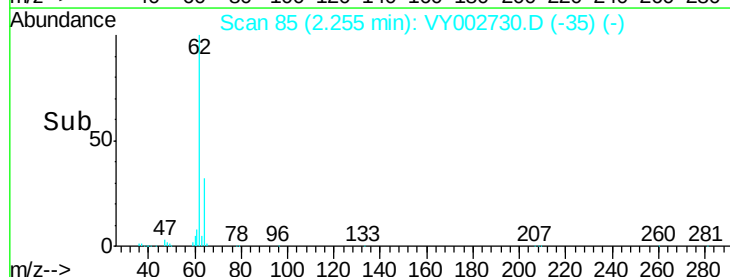
60000

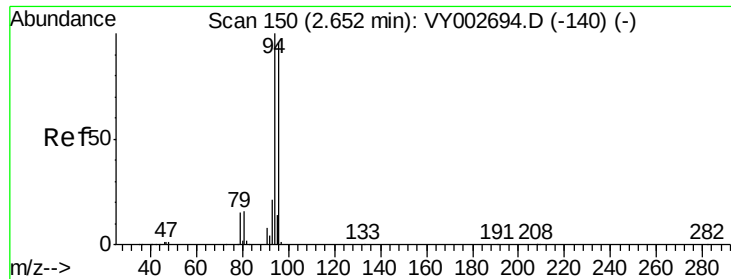
40000

20000

0

Time-->





#5

Bromomethane

Concen: 46.711 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

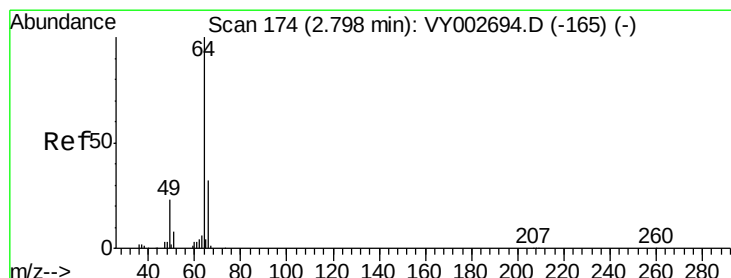
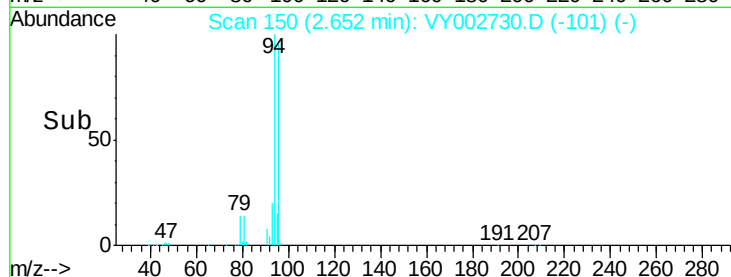
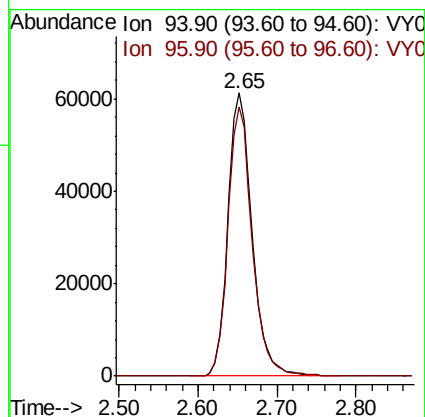
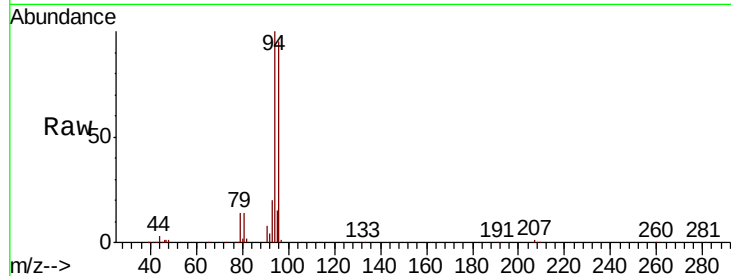
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 130491

Ion Ratio Lower Upper

94 100

96 94.9 76.8 115.2



#6

Chloroethane

Concen: 46.815 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002730.D

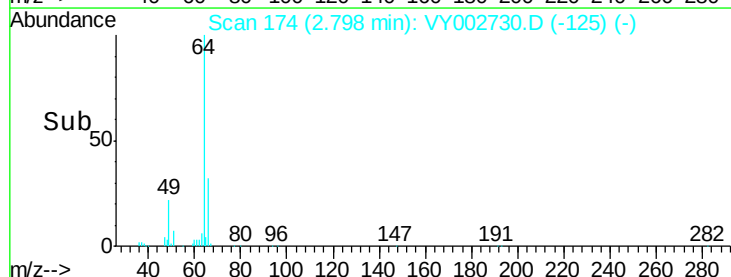
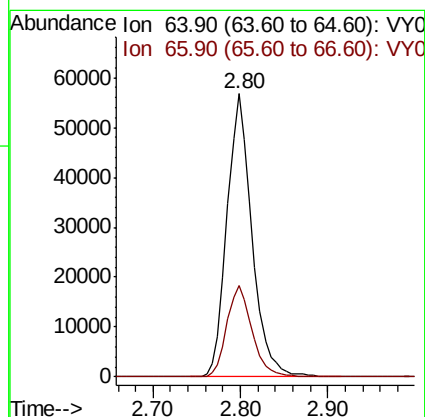
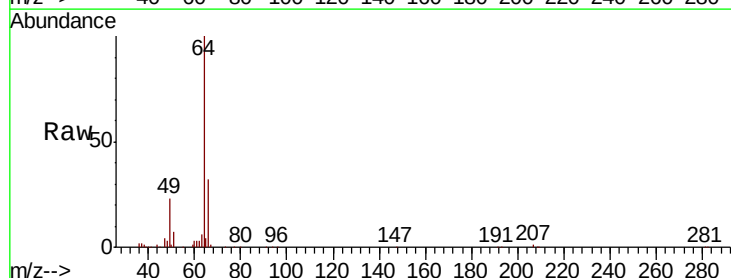
Acq: 20 May 2020 15:33

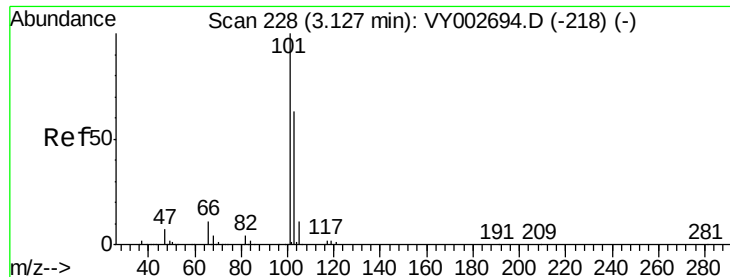
Tgt Ion: 64 Resp: 112836

Ion Ratio Lower Upper

64 100

66 32.1 25.9 38.9



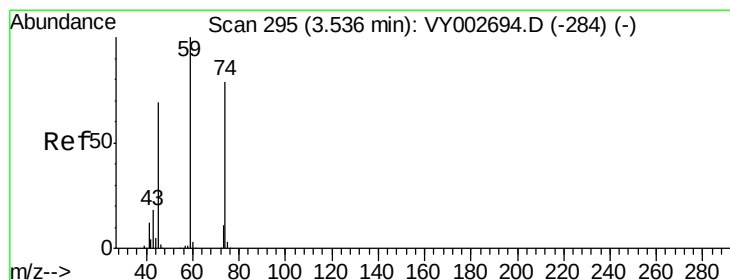
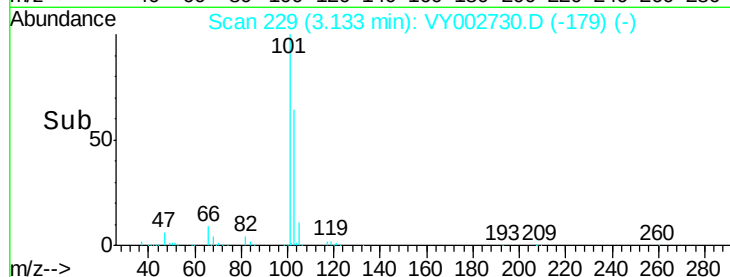
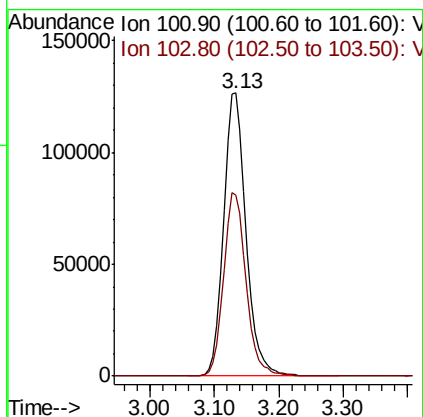
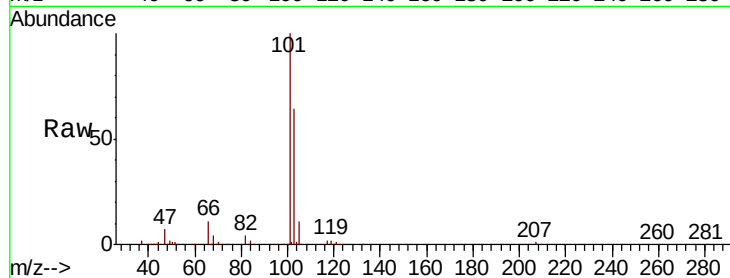


#7

Trichlorofluoromethane
Concen: 48.973 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Instrument :
MSVOA_Y
ClientSampleId :

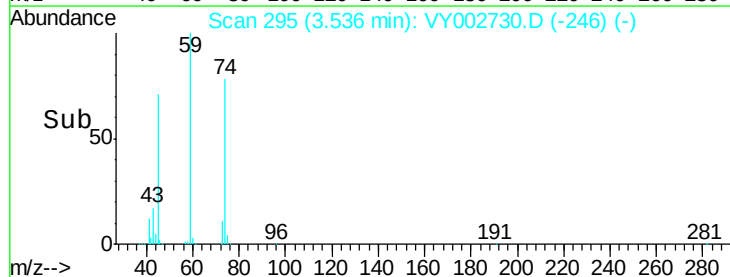
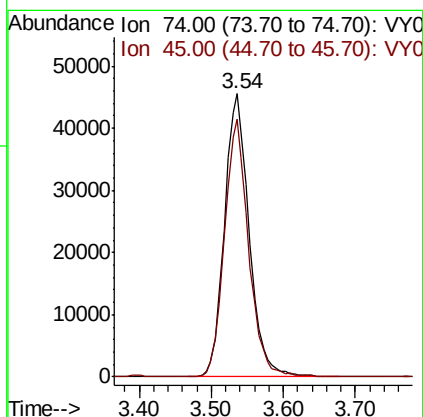
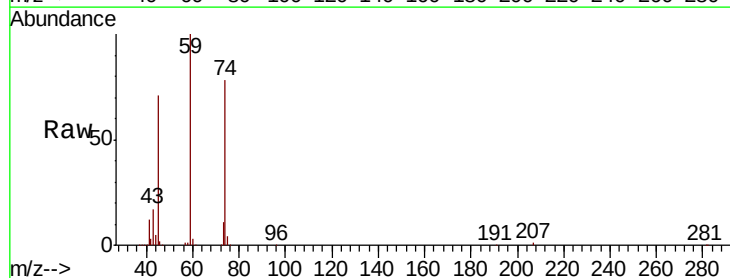
Tot Ion:101 Resp: 311072
Ion Ratio Lower Upper
101 100
103 63.8 50.6 75.8

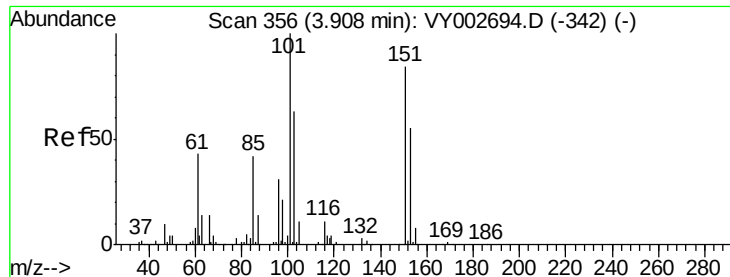


#8

Diethyl Ether
Concen: 50.132 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion: 74 Resp: 108326
Ion Ratio Lower Upper
74 100
45 89.4 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.533 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

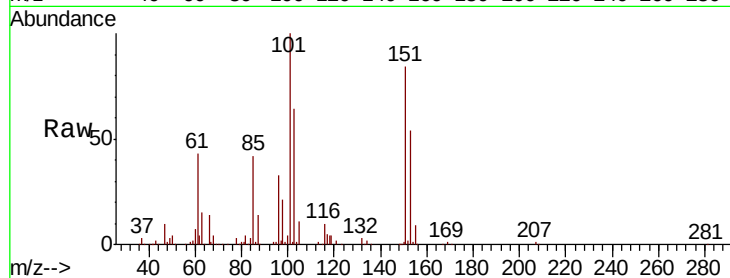
Tot Ion:101 Resp: 194572

Ion Ratio Lower Upper

101 100

85 41.5 33.5 50.3

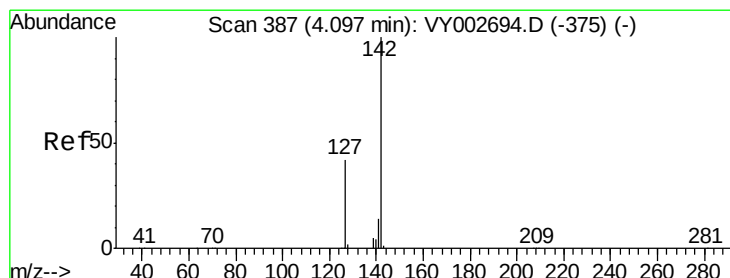
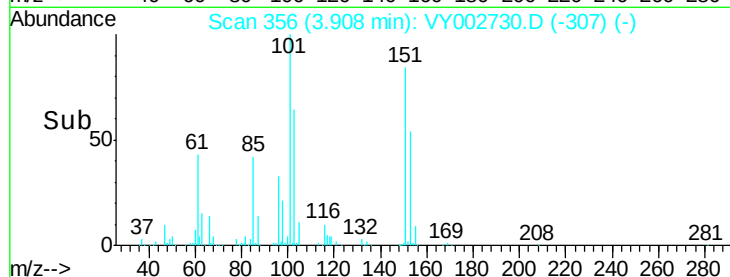
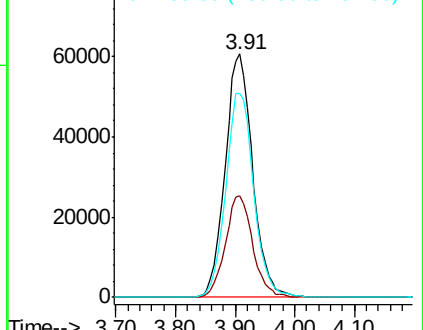
151 85.3 69.6 104.4



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: 50.630 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

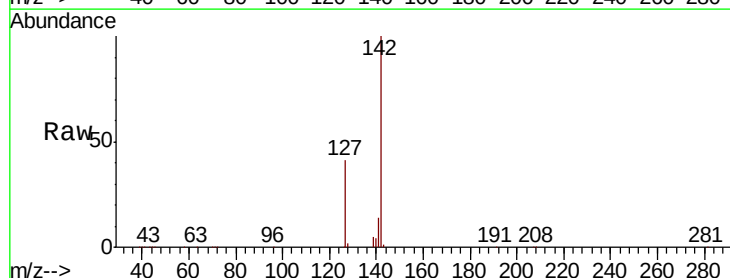
Tgt Ion:142 Resp: 268334

Ion Ratio Lower Upper

142 100

127 40.5 32.8 49.2

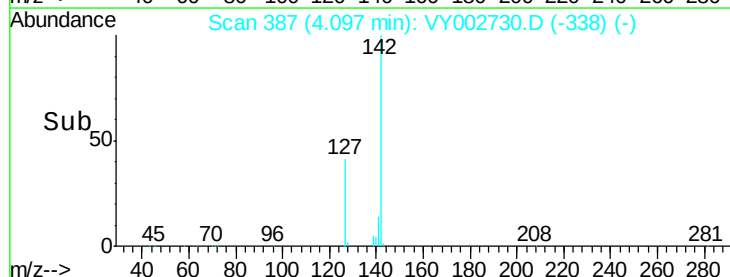
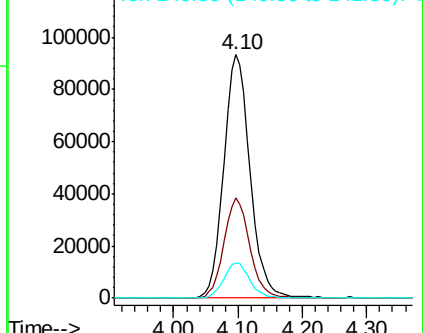
141 14.5 11.3 16.9

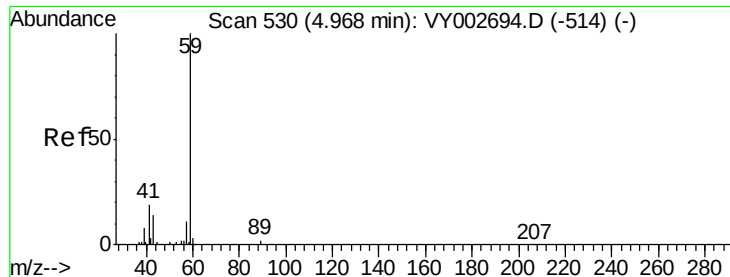


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



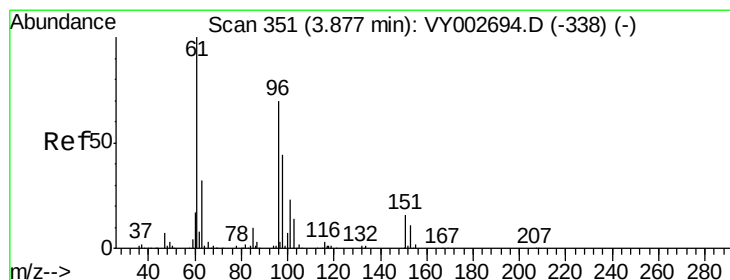
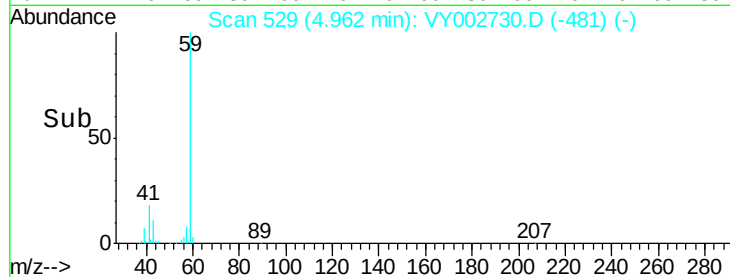
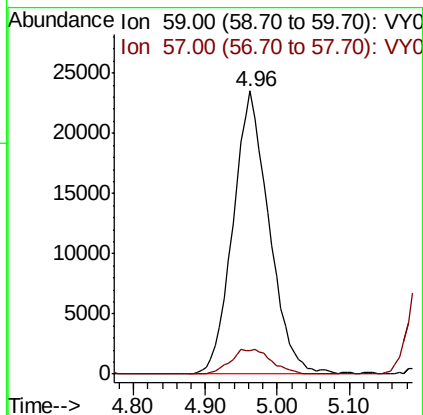
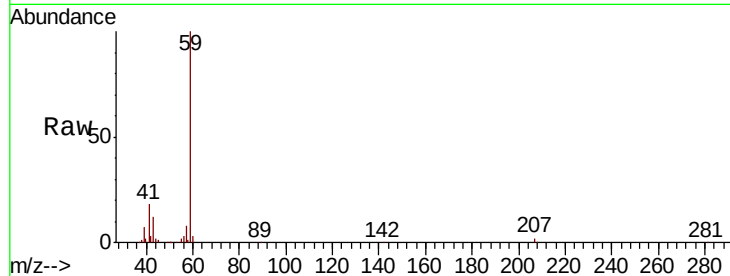


#11

Tert butyl alcohol
 Concen: 233.172 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :

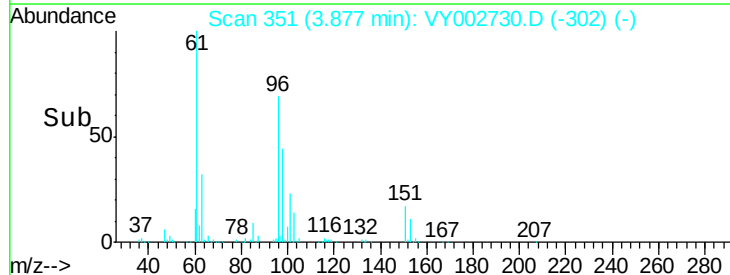
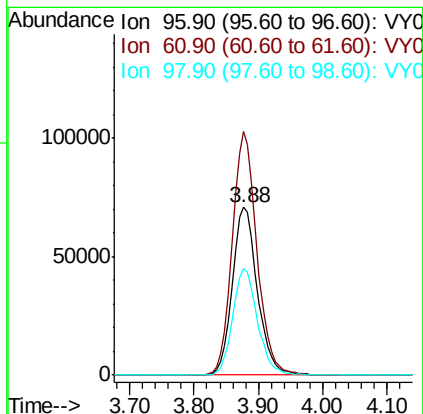
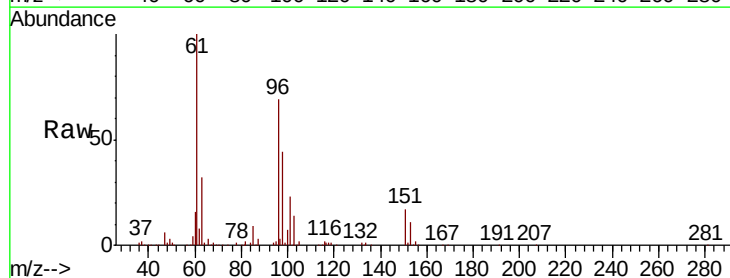
Tot Ion: 59 Resp: 81641
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

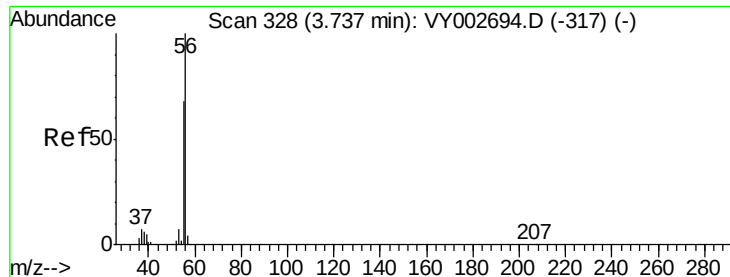


#12

1,1-Dichloroethene
 Concen: 49.793 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Tgt Ion: 96 Resp: 192503
 Ion Ratio Lower Upper
 96 100
 61 145.3 113.8 170.8
 98 63.7 50.4 75.6

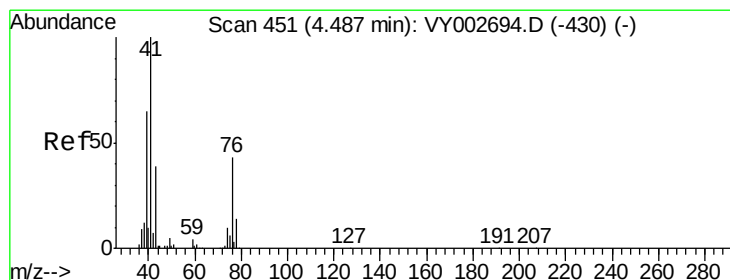
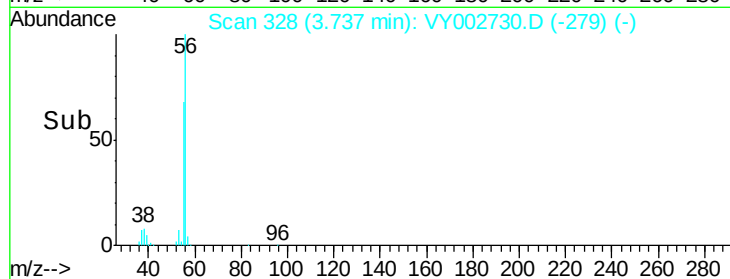
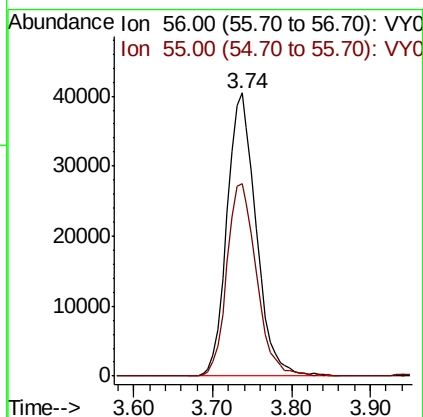
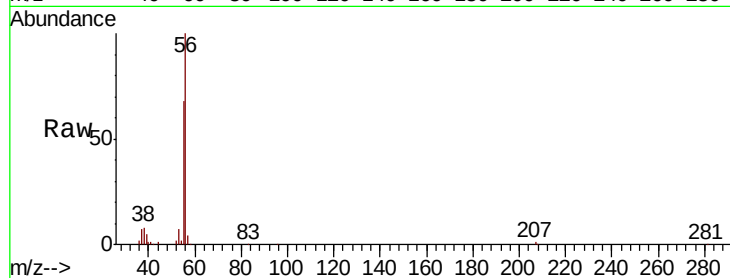




#13
 Acrolein
 Concen: 252.555 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

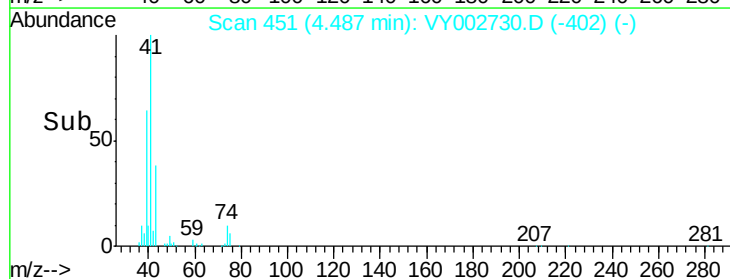
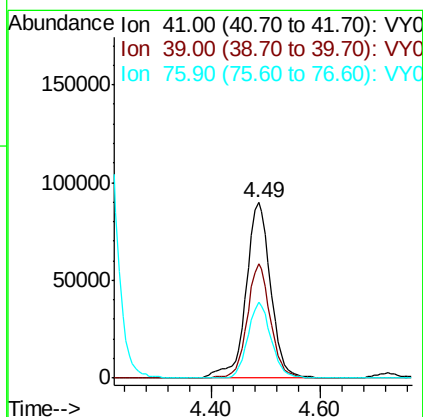
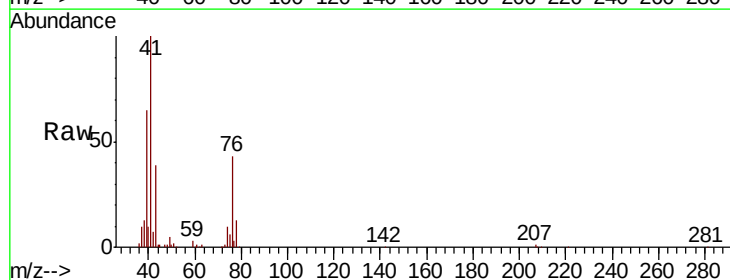
Instrument :
 MSVOA_Y
 ClientSampleId :

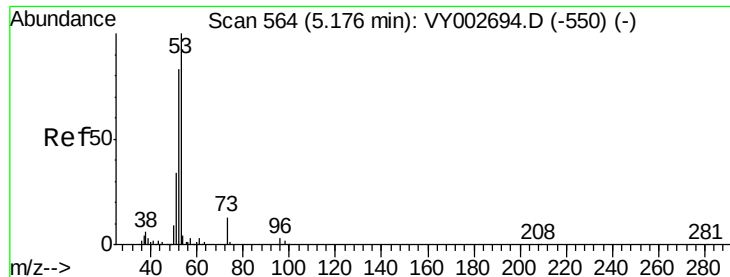
Tot Ion: 56 Resp: 103716
 Ion Ratio Lower Upper
 56 100
 55 69.4 54.8 82.2



#14
 Allyl chloride
 Concen: 50.775 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Tgt Ion: 41 Resp: 281818
 Ion Ratio Lower Upper
 41 100
 39 61.6 50.3 75.5
 76 40.7 33.2 49.8





#15

Acrylonitrile

Concen: 249.402 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

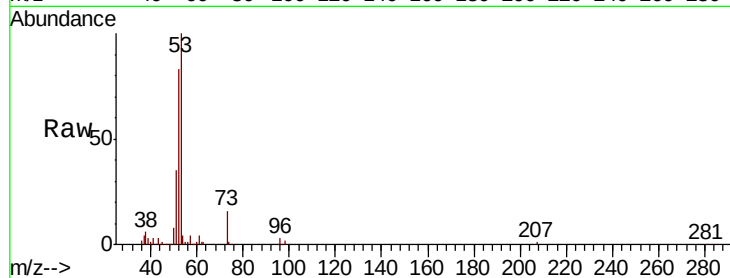
Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 53 Resp: 244015

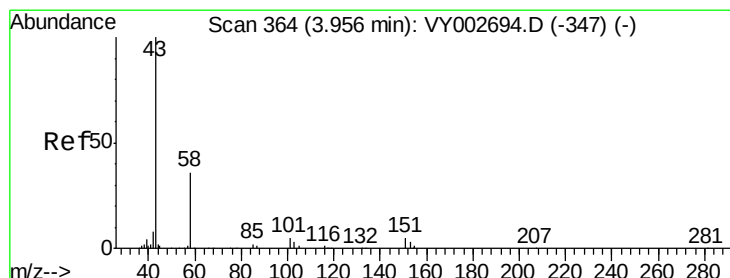
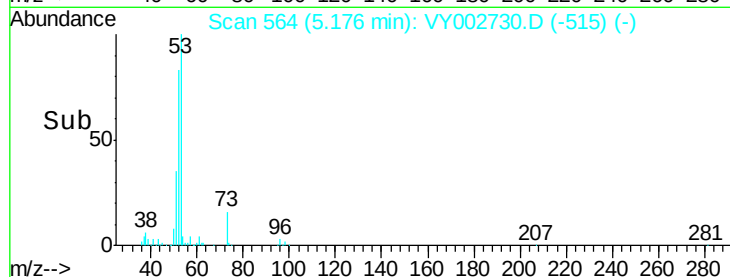
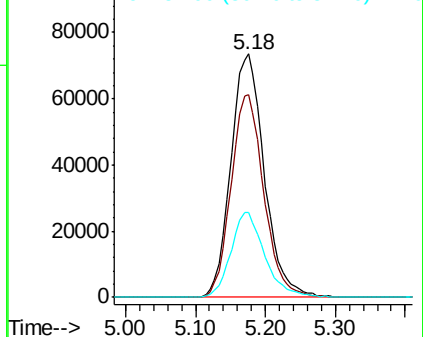
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.0	97.6
51	35.5	27.9	41.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 226.646 ug/l

RT: 3.96 min Scan# 364

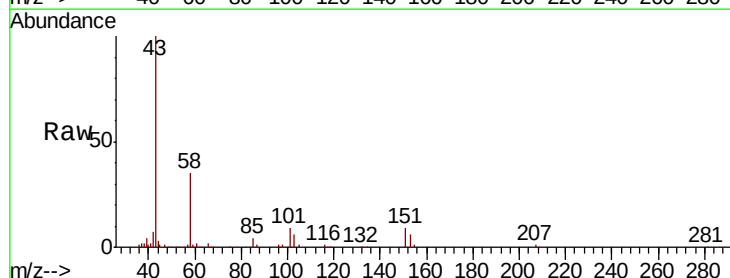
Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

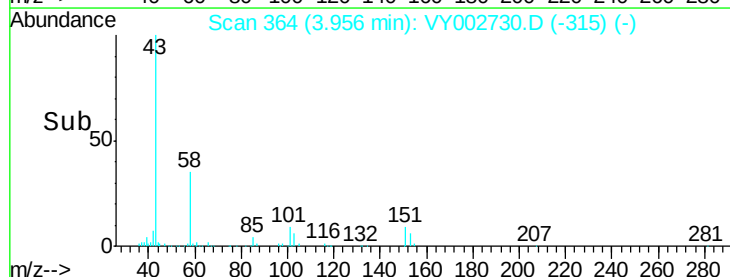
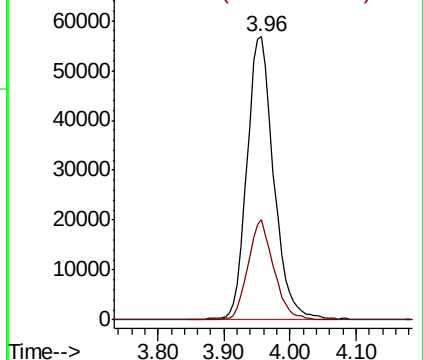
Tgt Ion: 43 Resp: 161082

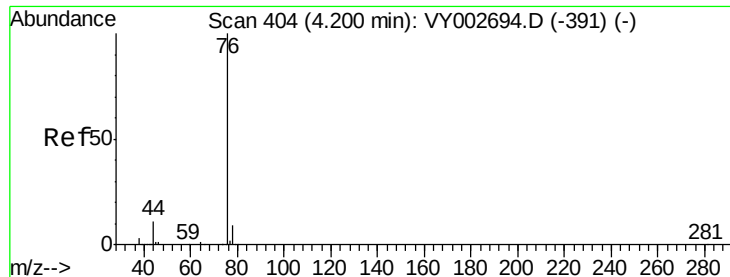
Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.6	43.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 48.251 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

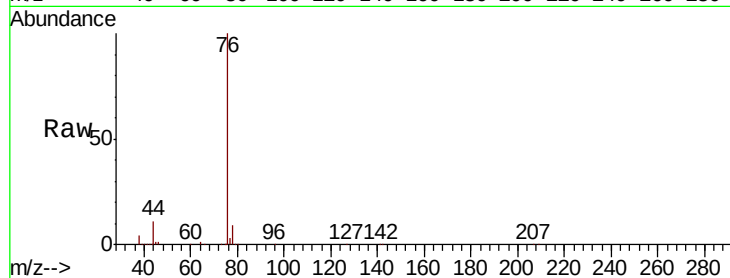
ClientSampleId :

Tot Ion: 76 Resp: 585135

Ion Ratio Lower Upper

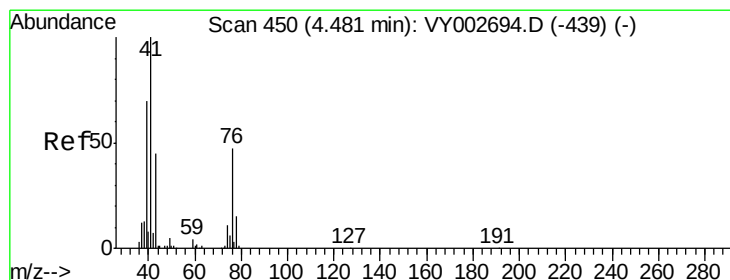
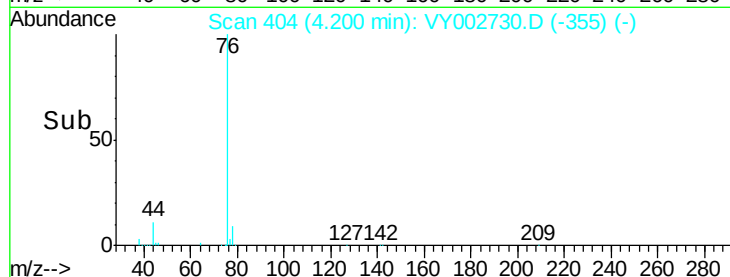
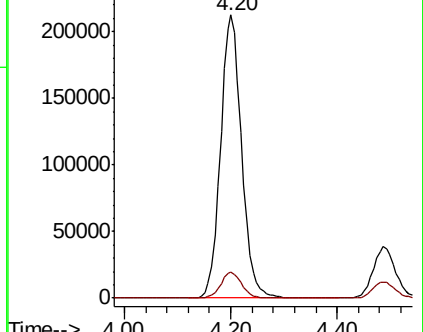
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY002730.D (-355) (-)

Ion 77.90 (77.60 to 78.60): VY002730.D (-355) (-)



#18

Methyl Acetate

Concen: 50.568 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002730.D

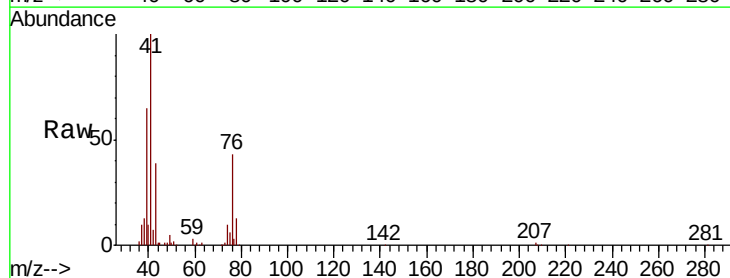
Acq: 20 May 2020 15:33

Tgt Ion: 43 Resp: 102473

Ion Ratio Lower Upper

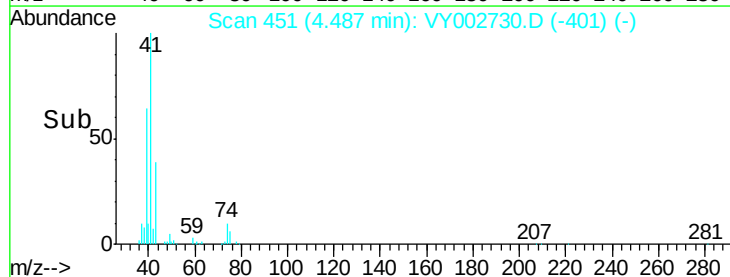
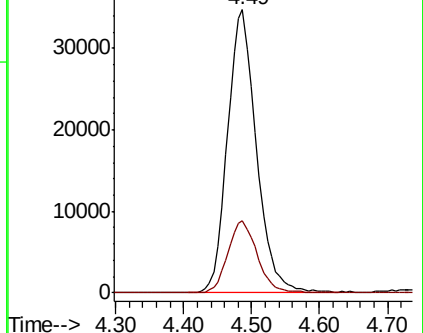
43 100

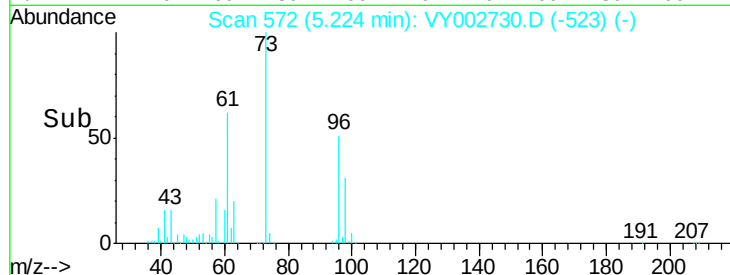
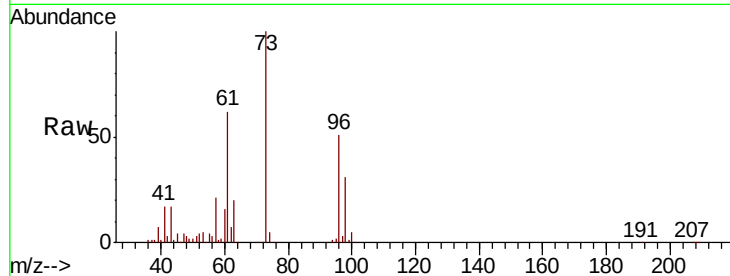
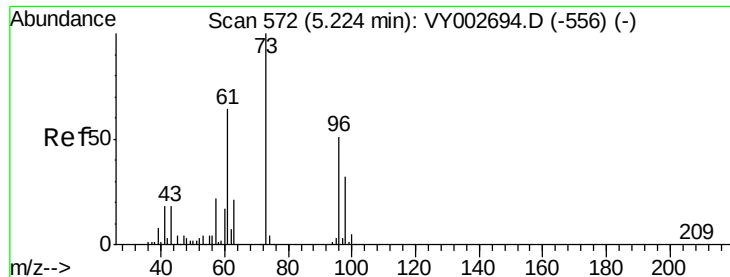
74 26.0 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY002730.D (-401) (-)

Ion 74.00 (73.70 to 74.70): VY002730.D (-401) (-)



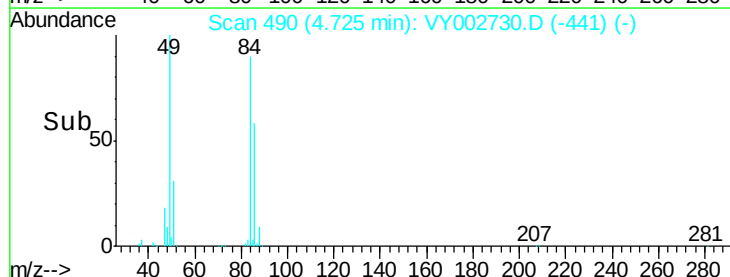
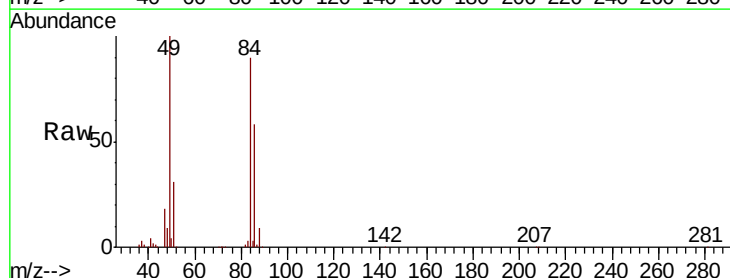
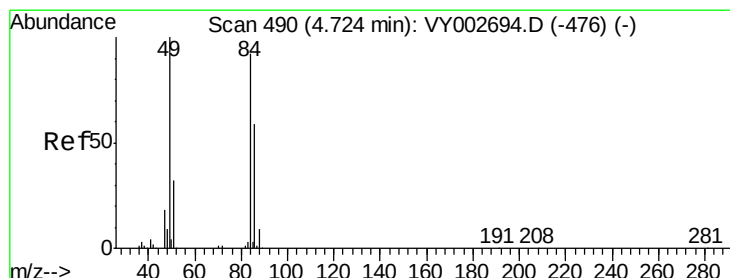
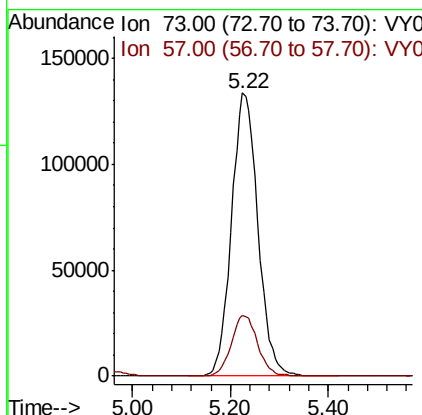


#19

Methyl tert-butyl Ether
 Concen: 52.036 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :

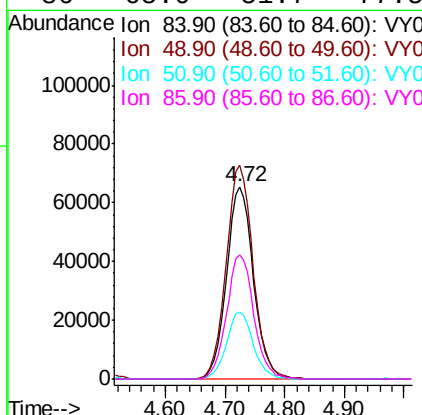
Tot Ion: 73 Resp: 499003
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.3 25.9

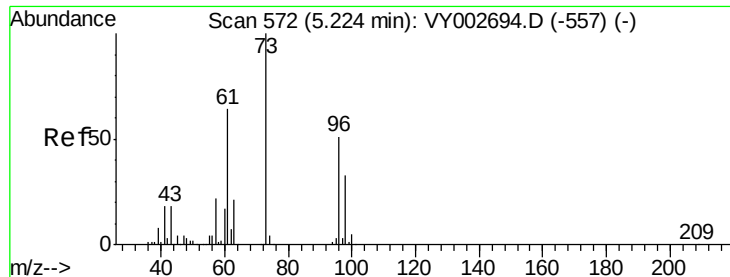


#20

Methylene Chloride
 Concen: 47.651 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Tgt Ion: 84 Resp: 204715
 Ion Ratio Lower Upper
 84 100
 49 111.2 87.4 131.0
 51 34.7 27.9 41.9
 86 65.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 49.645 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

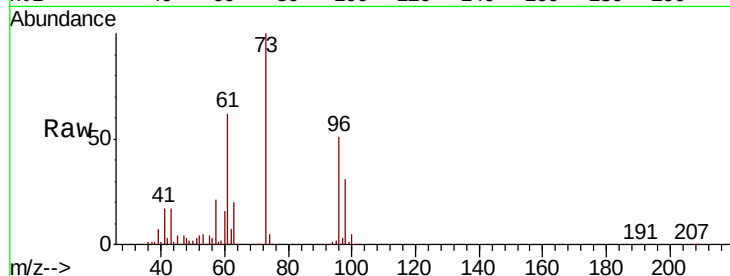
Tot Ion: 96 Resp: 213424

Ion Ratio Lower Upper

96 100

61 122.8 99.6 149.4

98 61.9 50.6 76.0

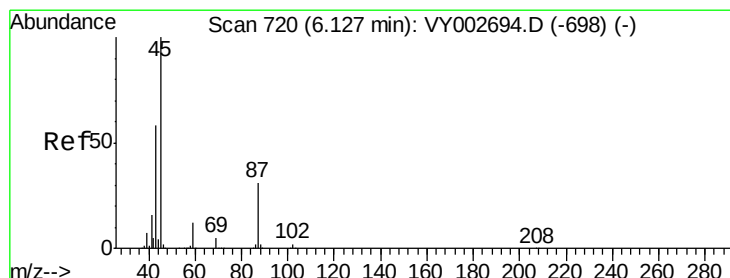
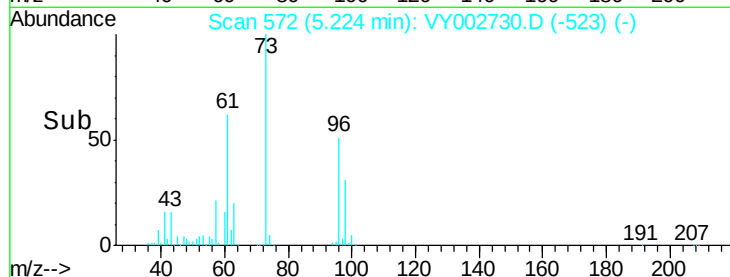
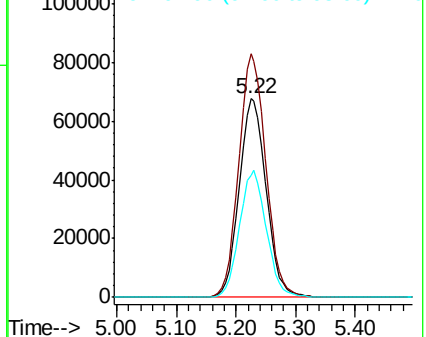


Abundance

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: 51.798 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Tgt Ion: 45 Resp: 570385

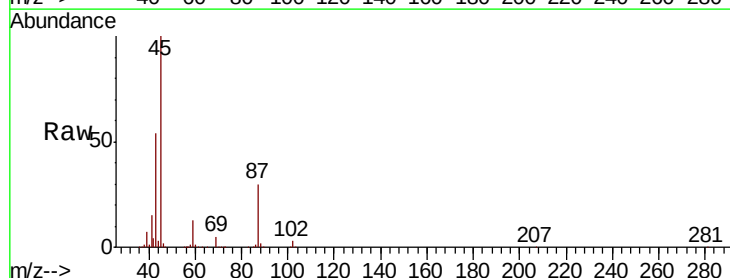
Ion Ratio Lower Upper

45 100

43 53.5 46.1 69.1

87 30.1 24.9 37.3

59 12.7 9.8 14.8



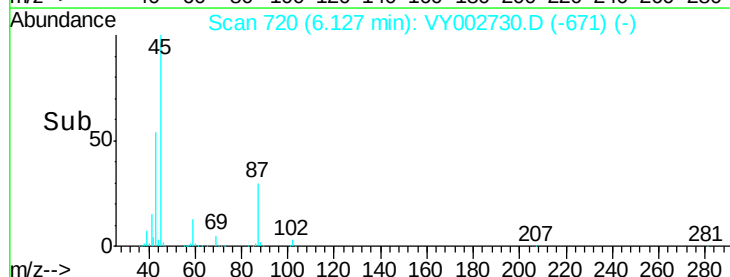
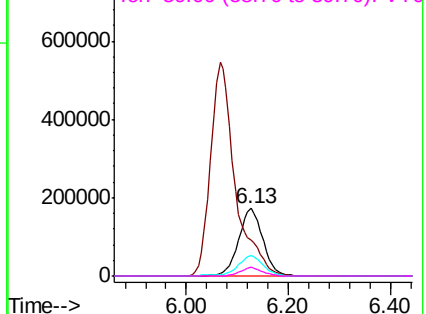
Abundance

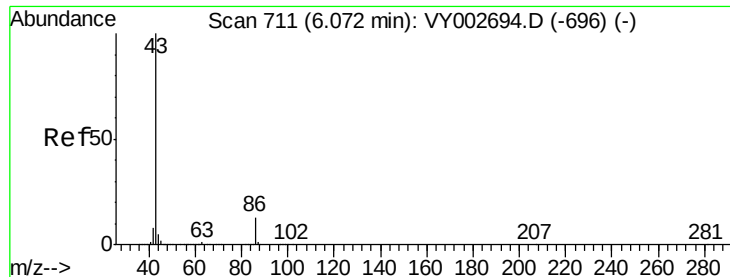
Ion 45.00 (44.70 to 45.70): VY0

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: 259.590 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

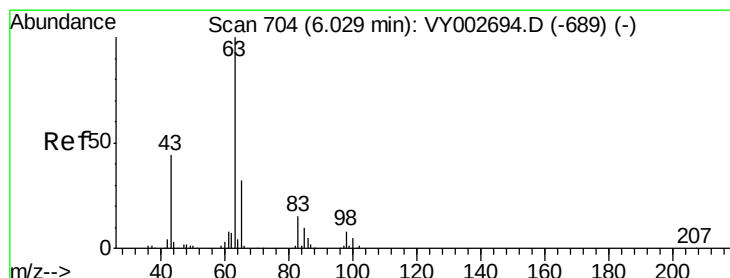
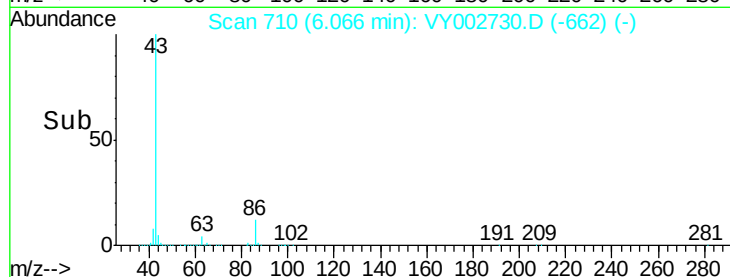
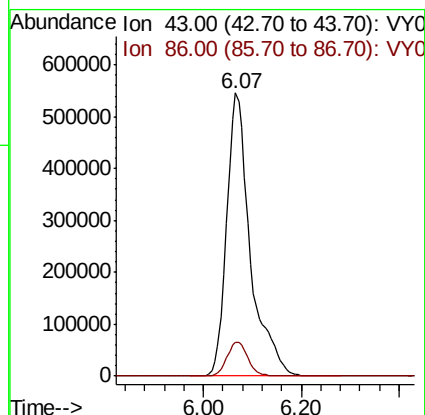
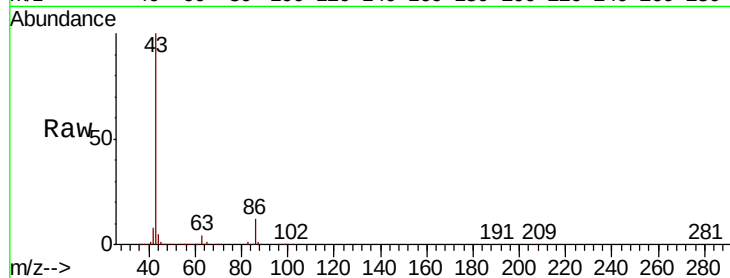
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1830392

Ion Ratio Lower Upper

43 100

86 11.9 10.1 15.1



#24

1,1-Dichloroethane

Concen: 50.939 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

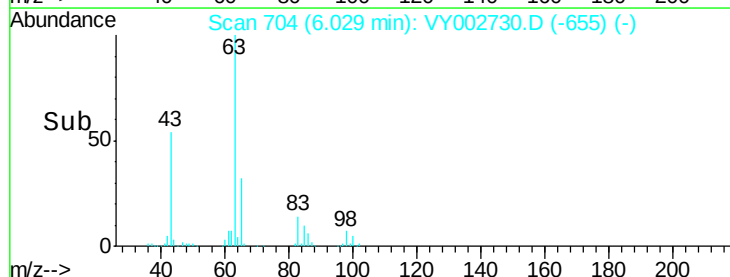
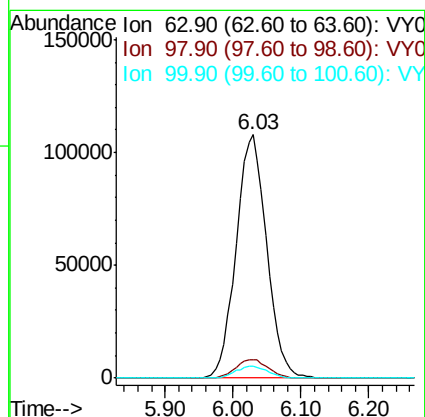
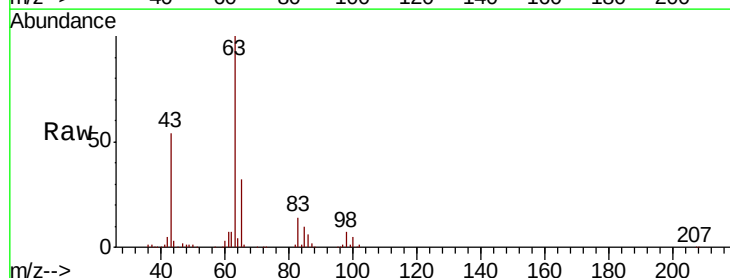
Tgt Ion: 63 Resp: 335182

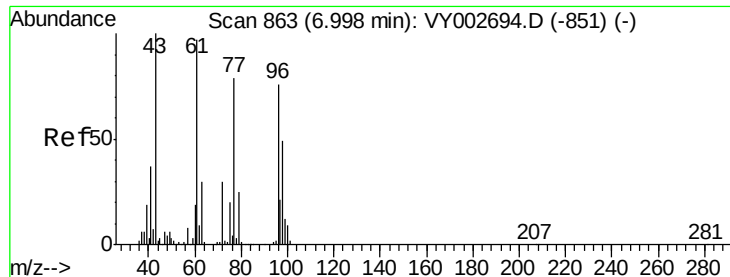
Ion Ratio Lower Upper

63 100

98 7.3 4.0 11.9

100 5.1 2.5 7.6

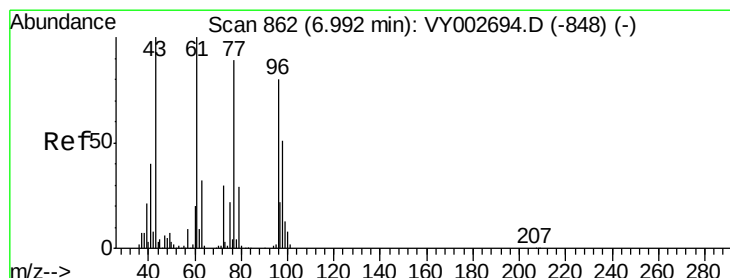
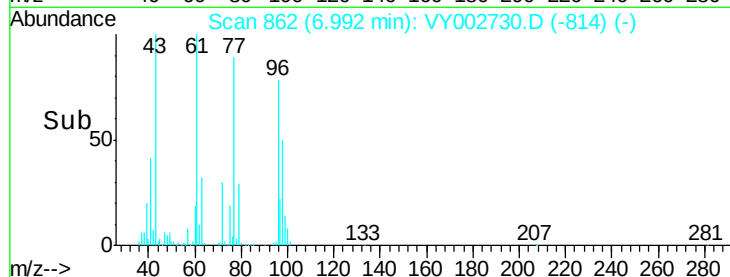
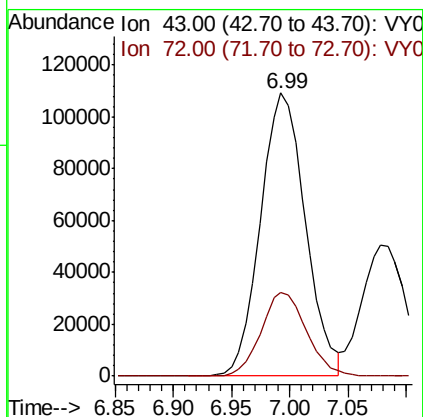
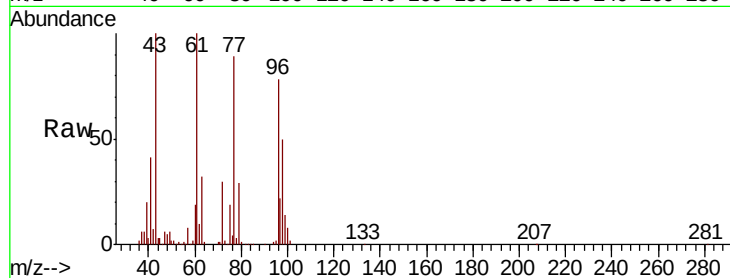




#25
2-Butanone
Concen: 248.054 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

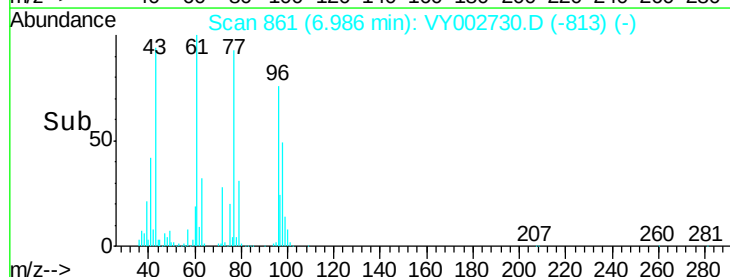
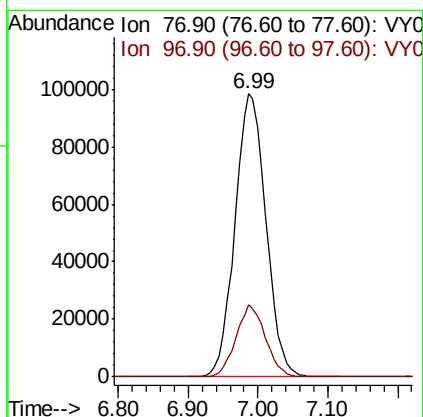
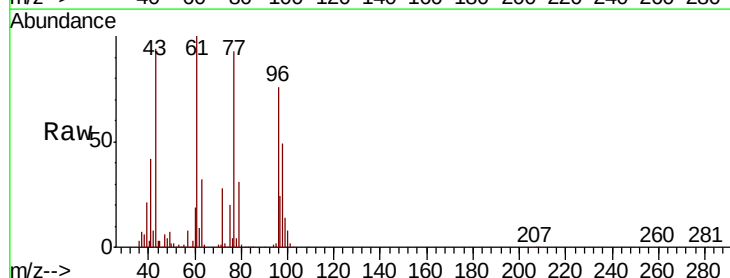
Instrument :
MSVOA_Y
ClientSampled :

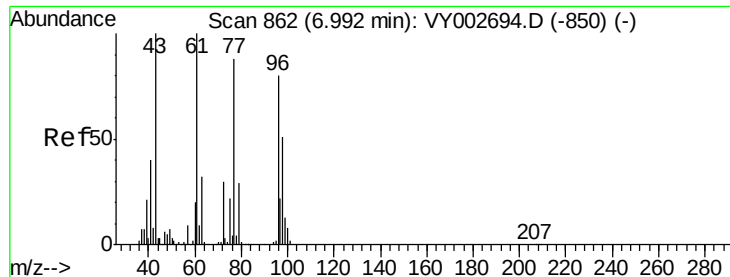
Tot Ion: 43 Resp: 291691
Ion Ratio Lower Upper
43 100
72 29.6 24.1 36.1



#26
2,2-Dichloropropane
Concen: 49.305 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion: 77 Resp: 301862
Ion Ratio Lower Upper
77 100
97 24.2 12.3 36.9



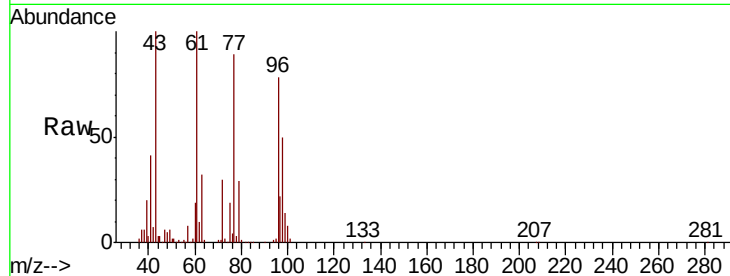


#27

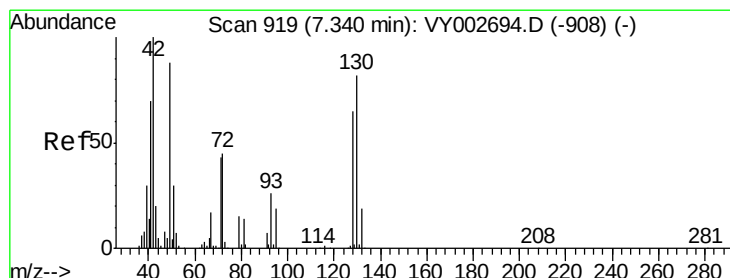
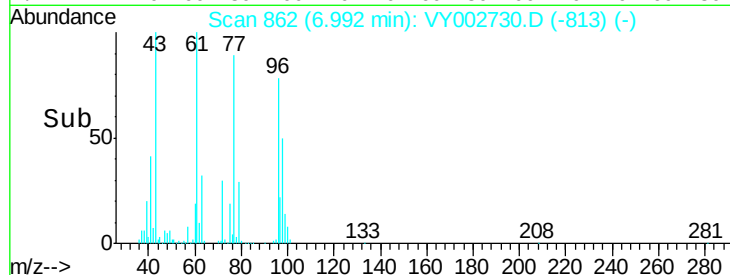
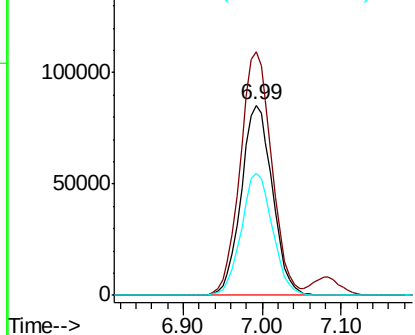
cis-1,2-Dichloroethene
Concen: 50.597 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	235032
Ion Ratio	Lower	Upper	
96	100		
61	129.3	0.0	258.0
98	64.2	0.0	128.4



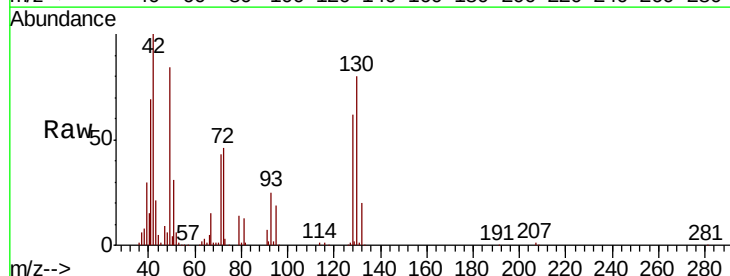
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



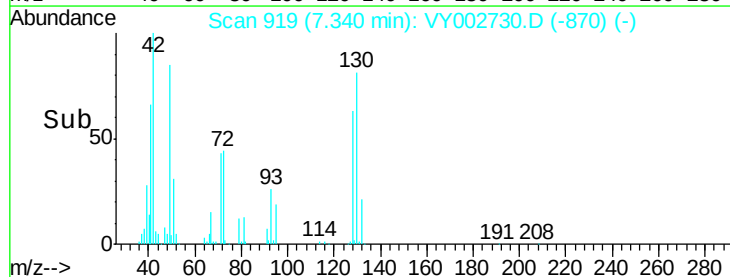
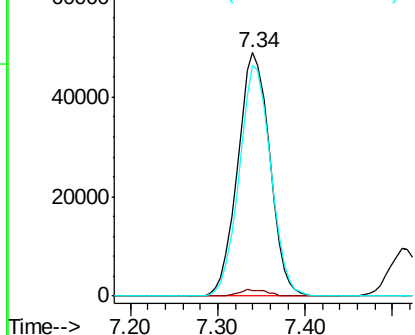
#28

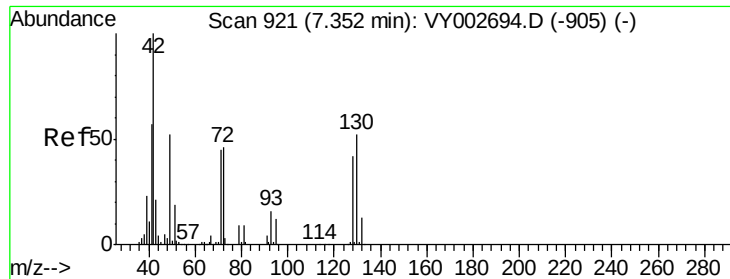
Bromochloromethane
Concen: 47.989 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion	49	Resp	124917
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	4.6
130	93.2	75.3	112.9



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

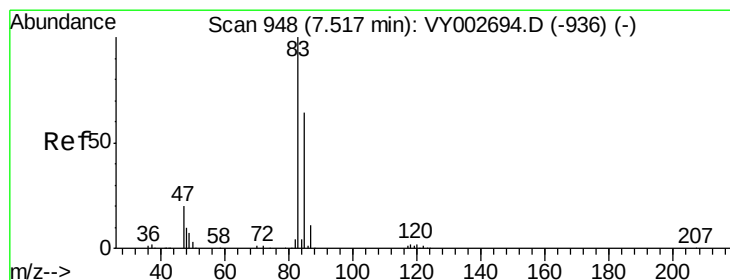
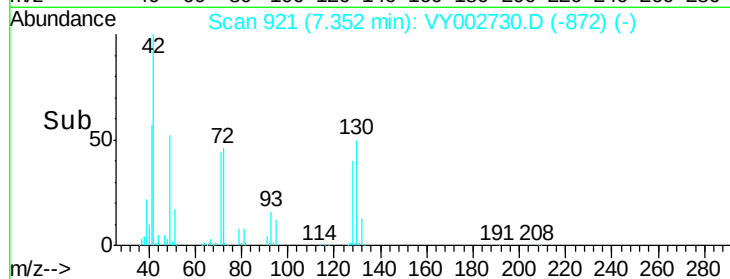
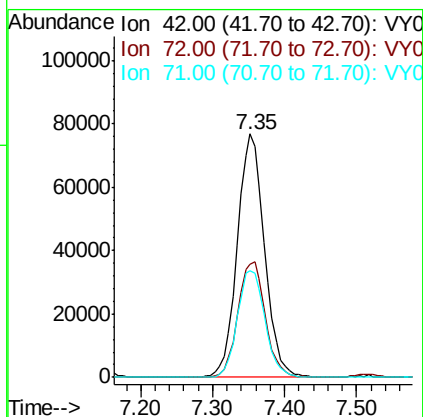
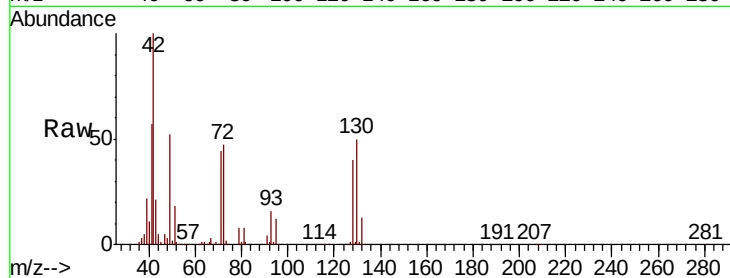




#29
Tetrahydrofuran
Concen: 251.627 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

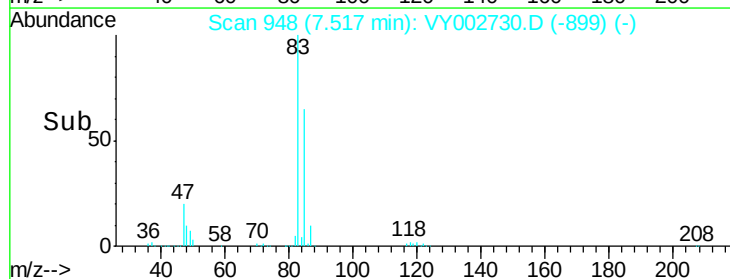
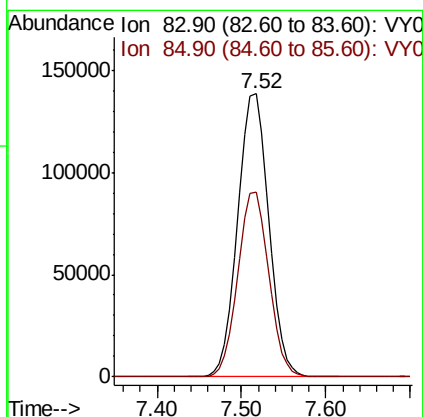
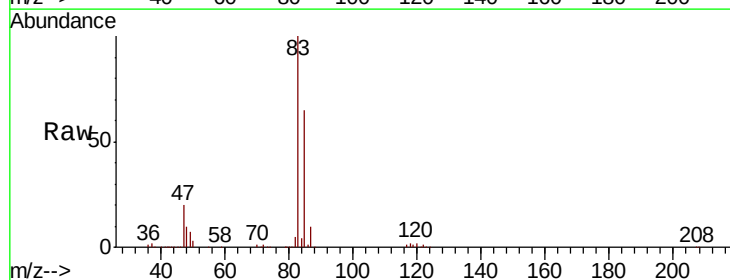
Instrument :
MSVOA_Y
ClientSampleId :

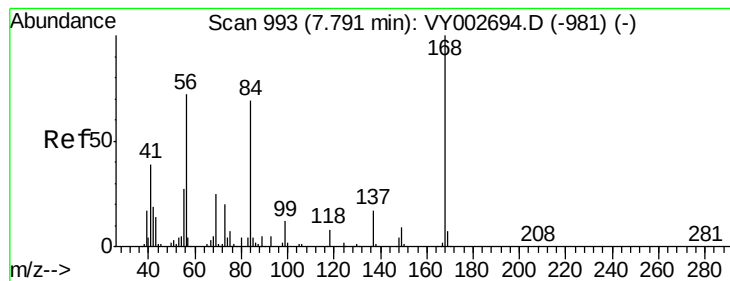
Tot Ion: 42 Resp: 201323
Ion Ratio Lower Upper
42 100
72 47.8 38.2 57.2
71 44.5 35.8 53.8



#30
Chloroform
Concen: 50.537 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion: 83 Resp: 345132
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3





#31

Cyclohexane

Concen: 47.349 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :
MSVOA_Y
ClientSampled :

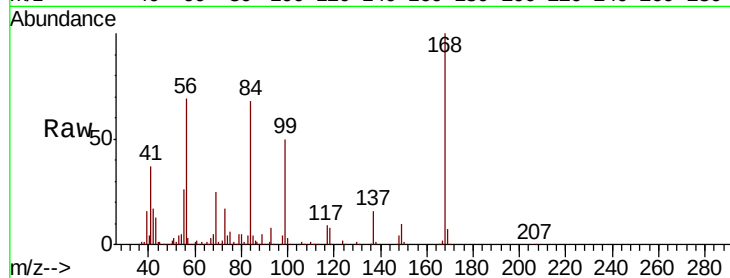
Tot Ion: 56 Resp: 315996

Ion Ratio Lower Upper

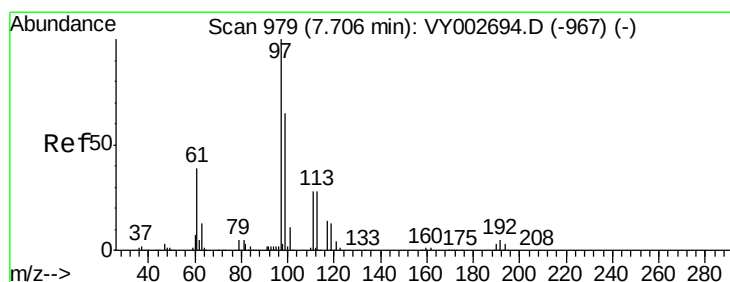
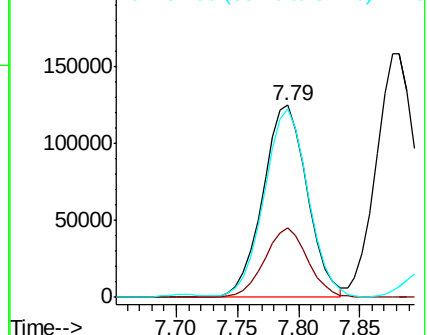
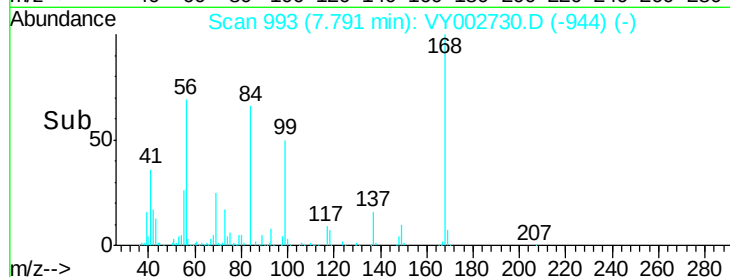
56 100

69 36.0 27.7 41.5

84 97.0 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: 50.073 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

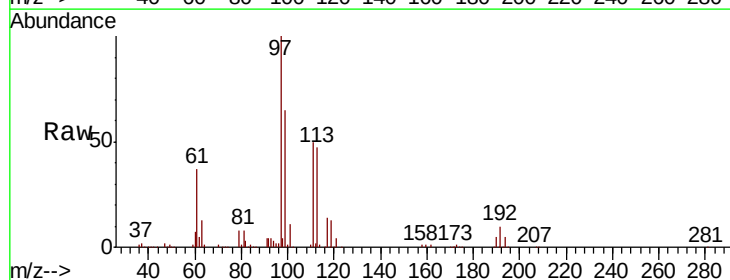
Tgt Ion: 97 Resp: 315973

Ion Ratio Lower Upper

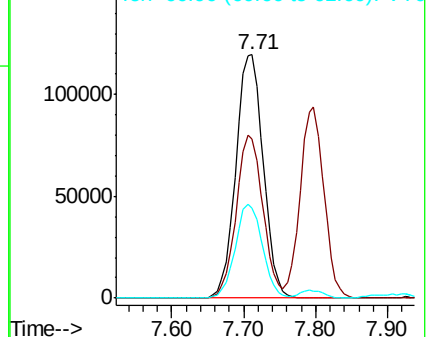
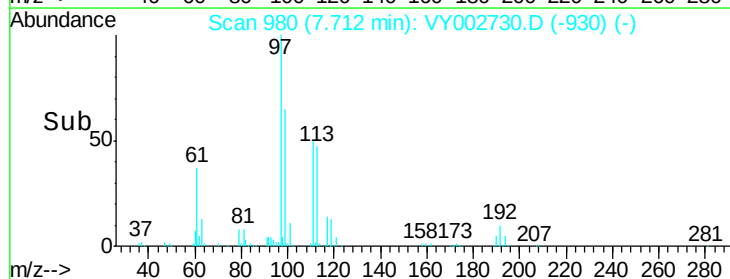
97 100

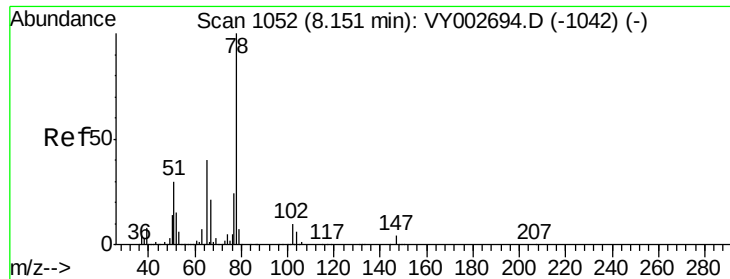
99 65.4 51.6 77.4

61 38.1 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

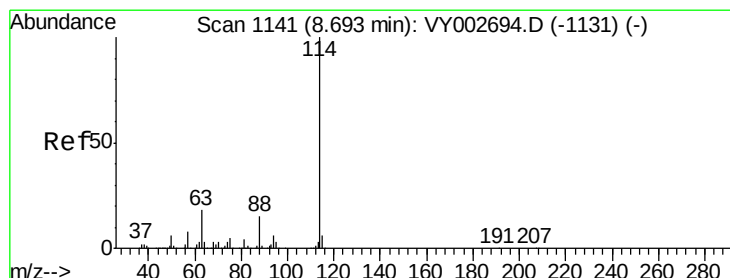
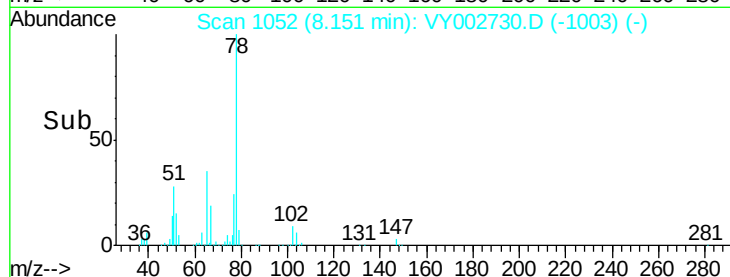
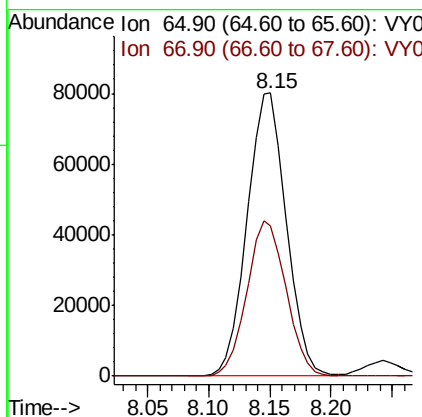
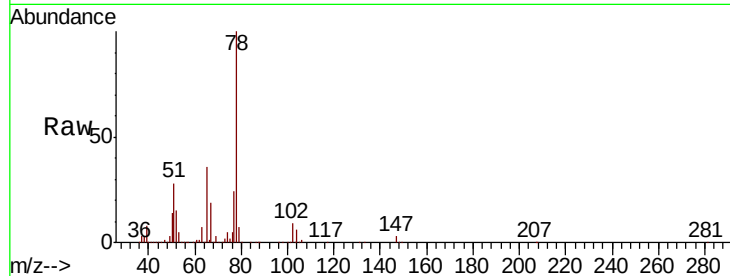




#33
 1,2-Dichloroethane-d4
 Concen: 51.882 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

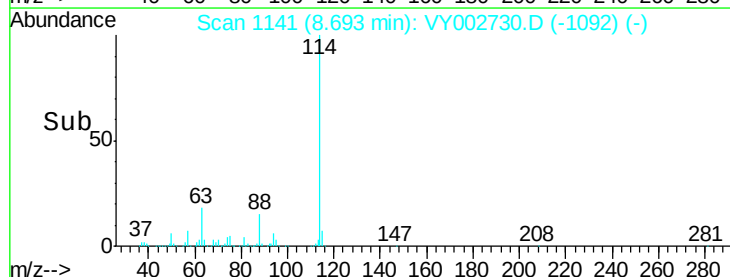
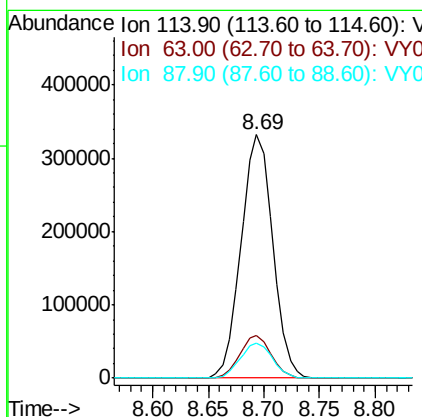
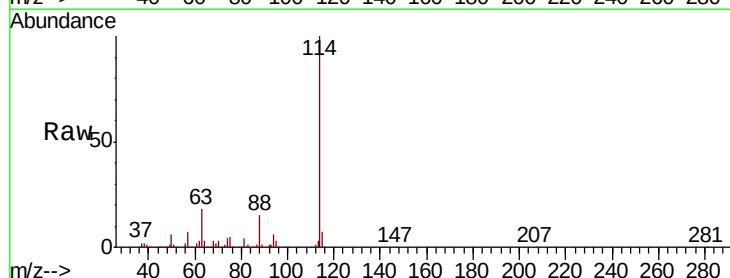
Instrument :
 MSVOA_Y
 ClientSampled :

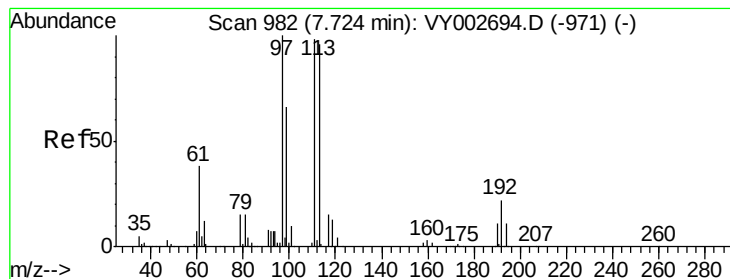
Tot Ion: 65 Resp: 178873
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Tgt Ion: 114 Resp: 656183
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.4
 88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 53.079 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :
MSVOA_Y
ClientSampled :

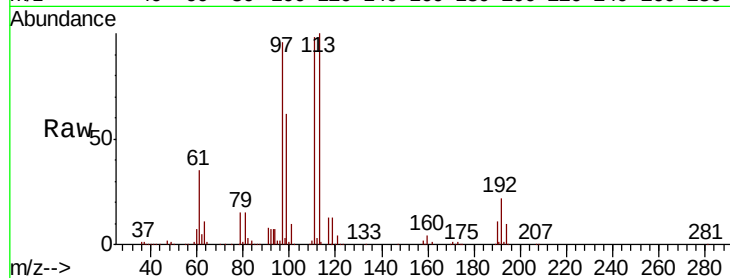
Tot Ion:113 Resp: 192215

Ion Ratio Lower Upper

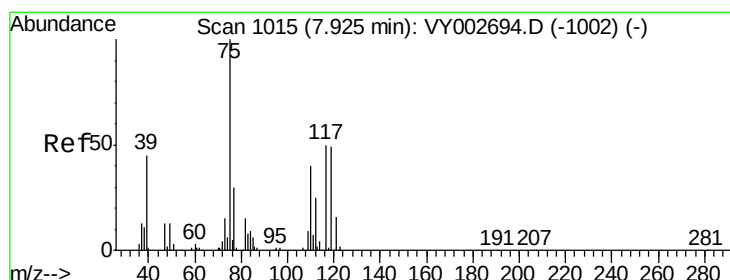
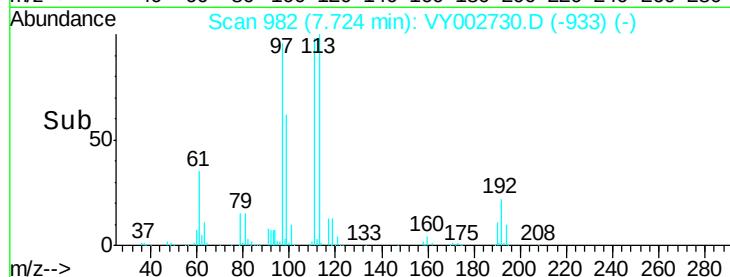
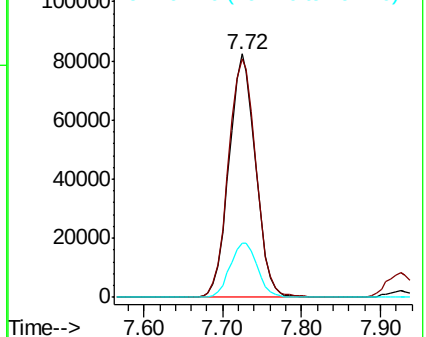
113 100

111 102.0 81.9 122.9

192 23.1 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: 49.377 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

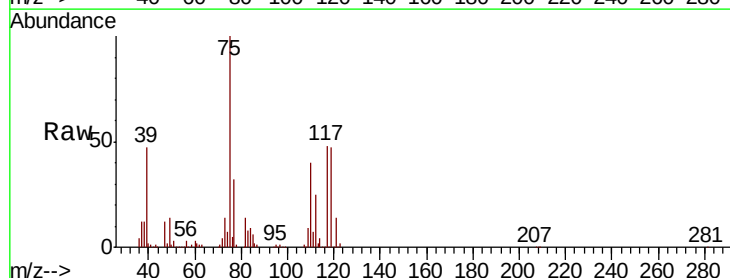
Tgt Ion: 75 Resp: 274286

Ion Ratio Lower Upper

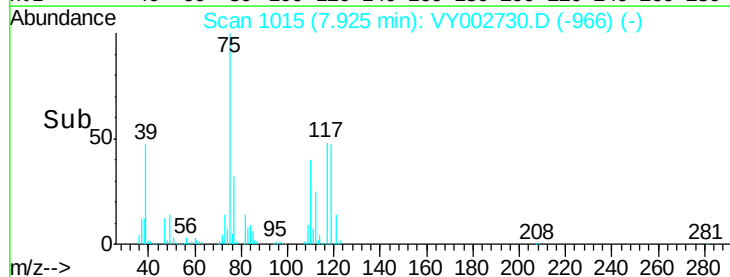
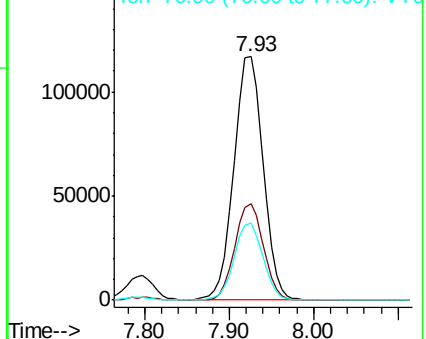
75 100

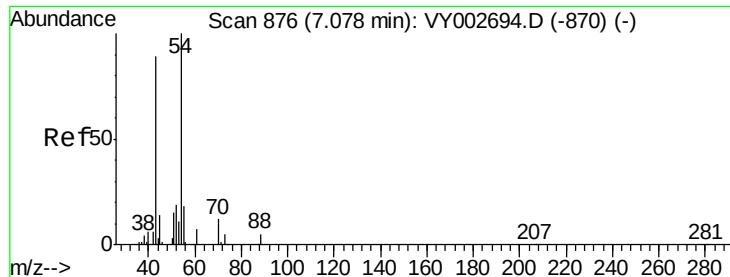
110 38.6 19.4 58.4

77 31.2 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

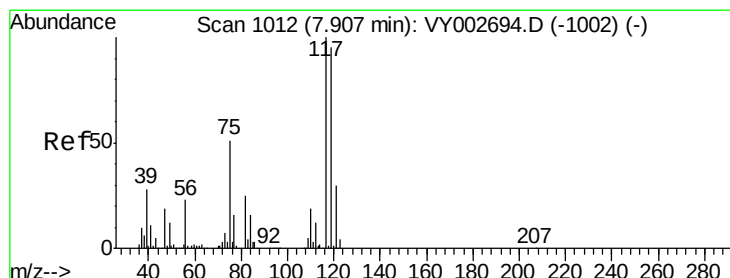
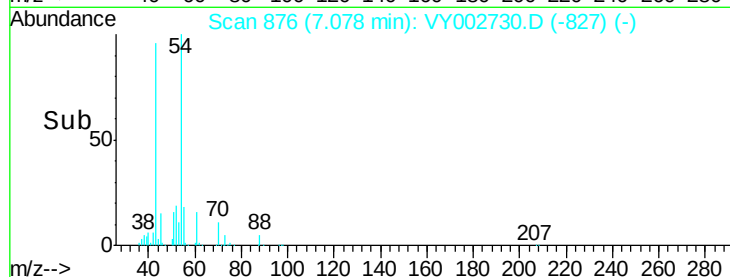
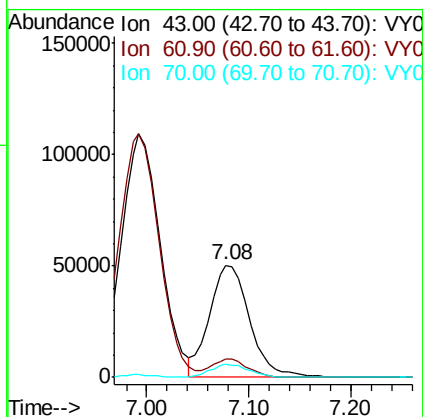
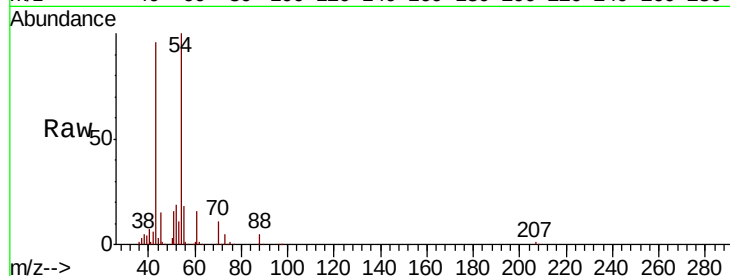




#37
Ethyl Acetate
Concen: 50.255 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

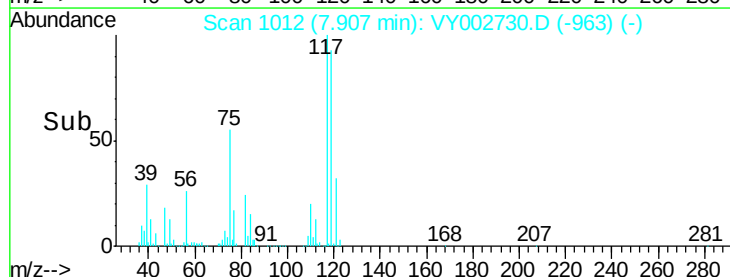
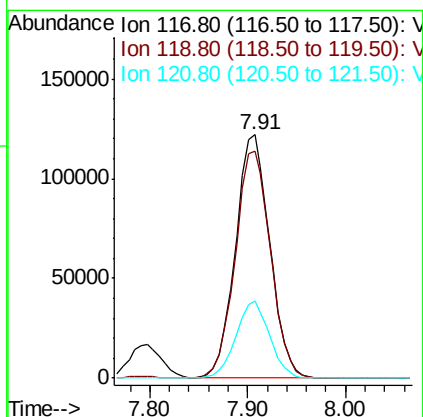
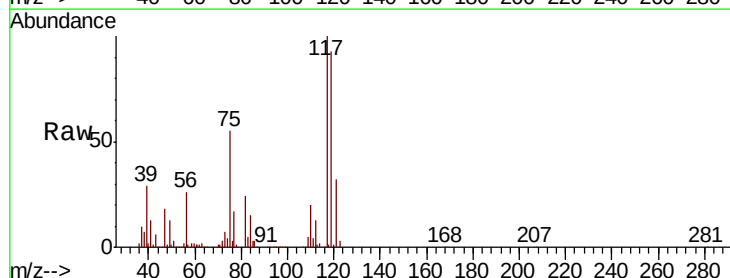
Instrument :
MSVOA_Y
ClientSampled :

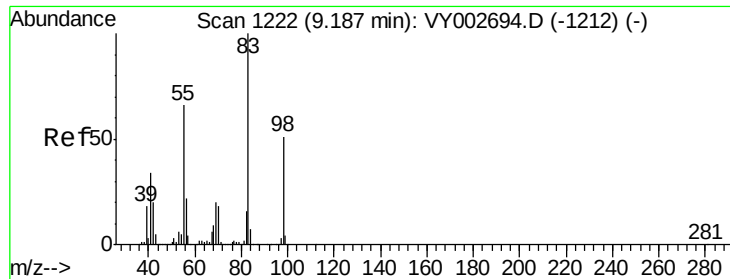
Tot Ion: 43 Resp: 137304
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 11.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 49.757 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion: 117 Resp: 297058
Ion Ratio Lower Upper
117 100
119 93.5 76.3 114.5
121 31.8 24.2 36.2

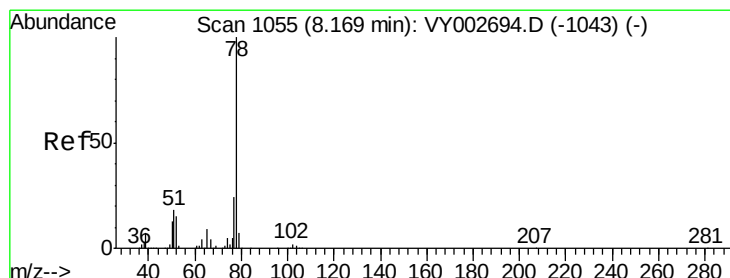
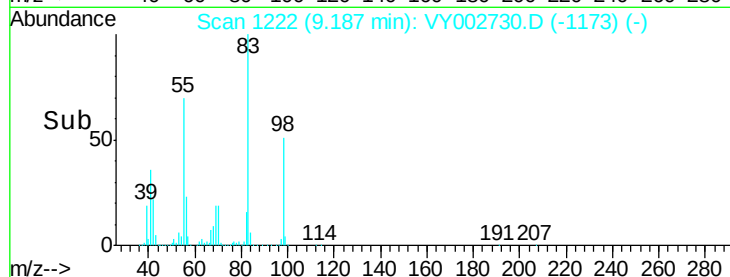
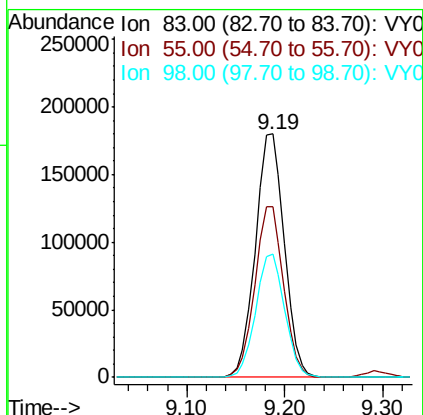
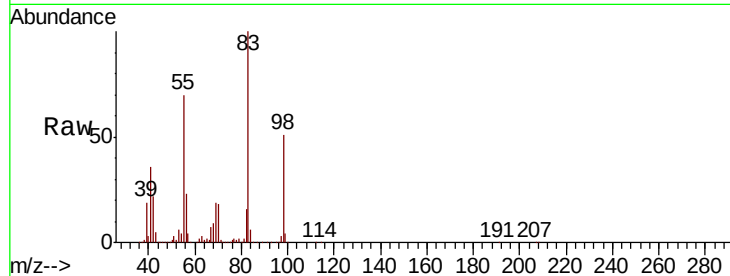




#39
Methylvlcyclohexane
Concen: 49.502 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

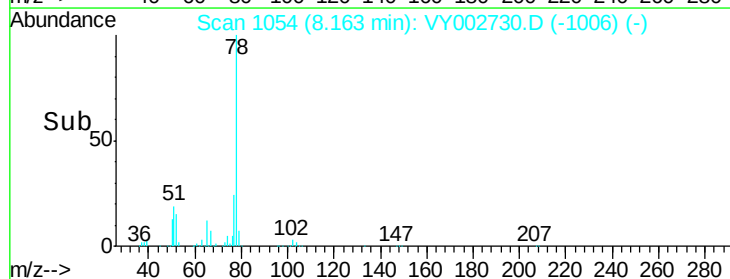
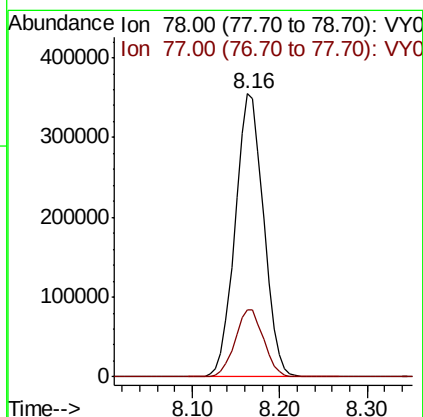
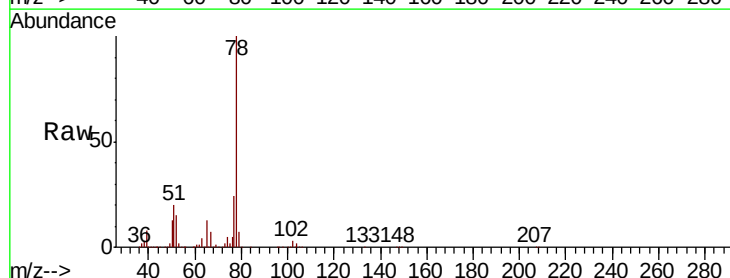
Instrument :
MSVOA_Y
ClientSampleId :

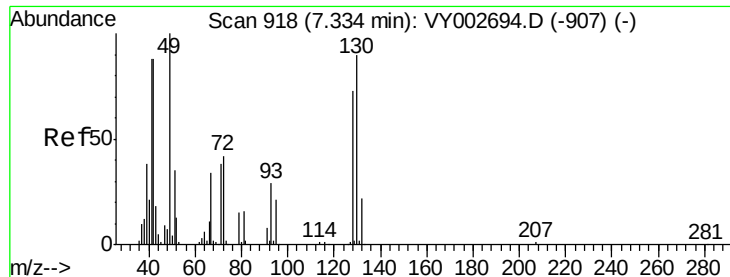
Tot Ion: 83 Resp: 369739
Ion Ratio Lower Upper
83 100
55 70.1 53.0 79.6
98 50.8 40.8 61.2



#40
Benzene
Concen: 49.457 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion: 78 Resp: 801611
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

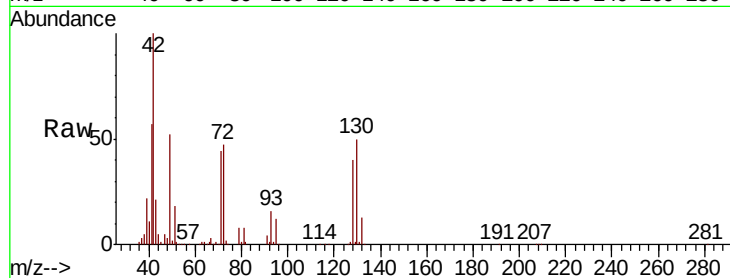




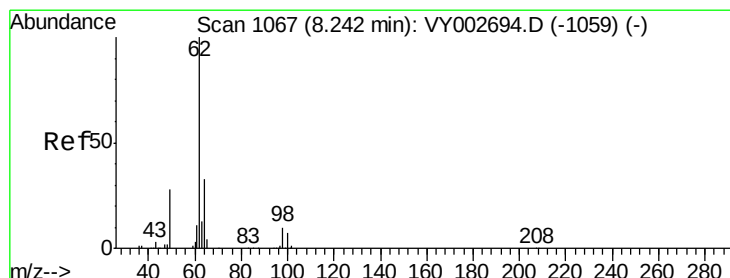
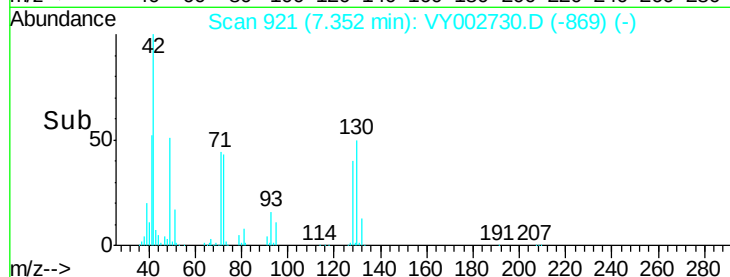
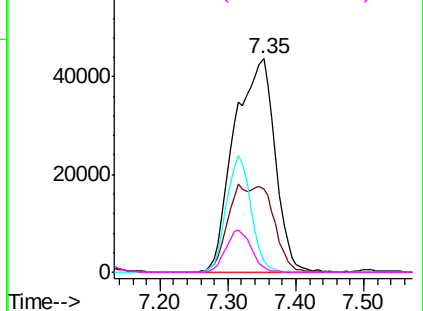
#41
Methacrylonitrile
Concen: 111.188 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	182512
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

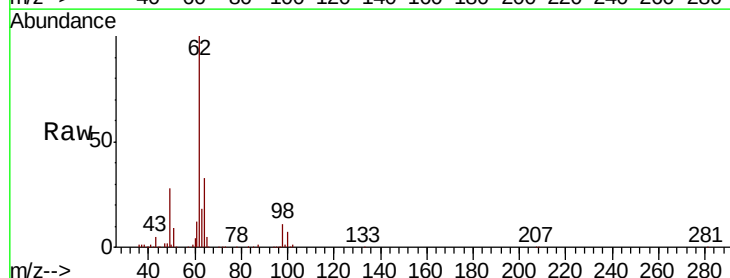


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

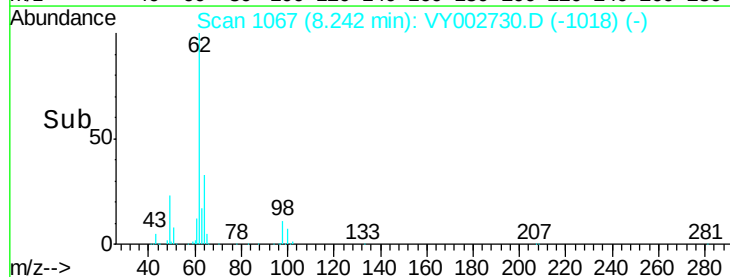
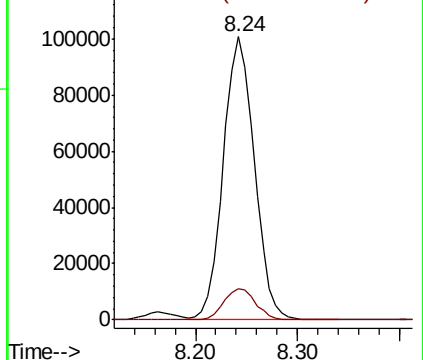


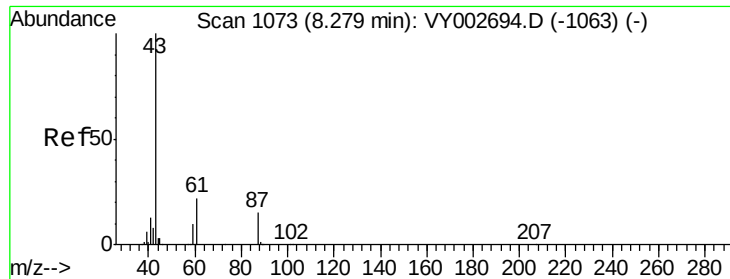
#42
1,2-Dichloroethane
Concen: 49.853 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion:	62	Resp:	213114
Ion	Ratio	Lower	Upper
62	100		
98	11.5	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: 51.843 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

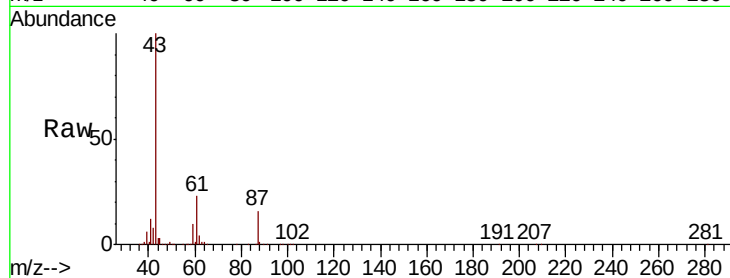
Tot Ion: 43 Resp: 263238

Ion Ratio Lower Upper

43 100

61 31.6 24.9 37.3

87 15.7 12.6 19.0

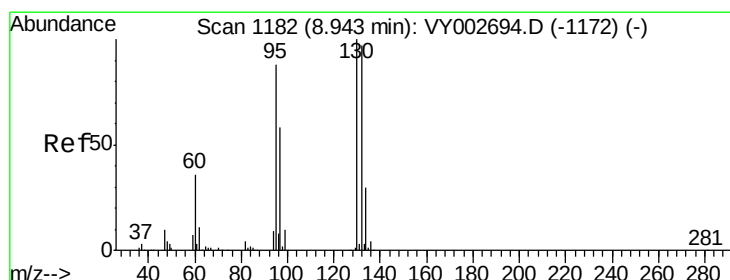
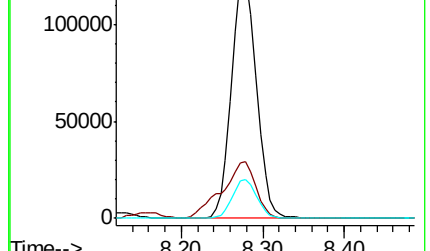
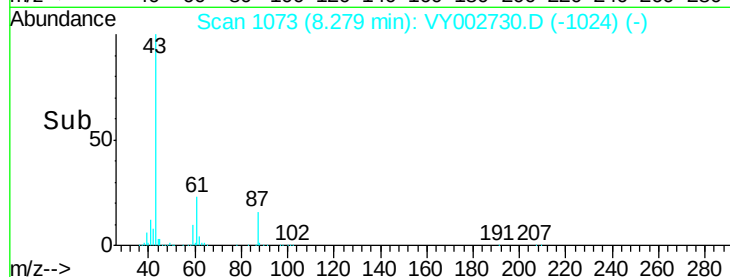


Abundance Ion 43.00 (42.70 to 43.70): VY002730.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002730.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002730.D (-1024) (-)

Time-->



#44

Trichloroethene

Concen: 49.646 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002730.D

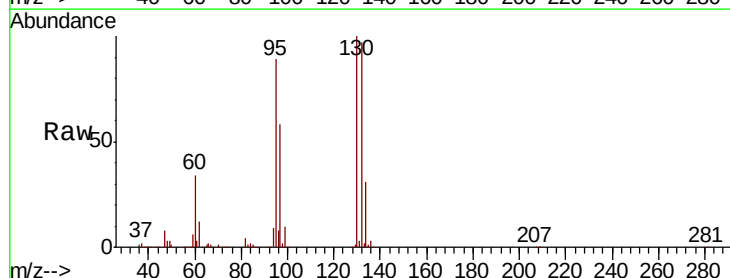
Acq: 20 May 2020 15:33

Tgt Ion: 130 Resp: 256494

Ion Ratio Lower Upper

130 100

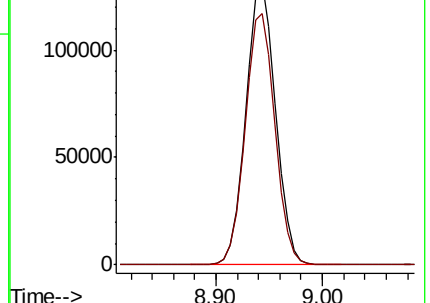
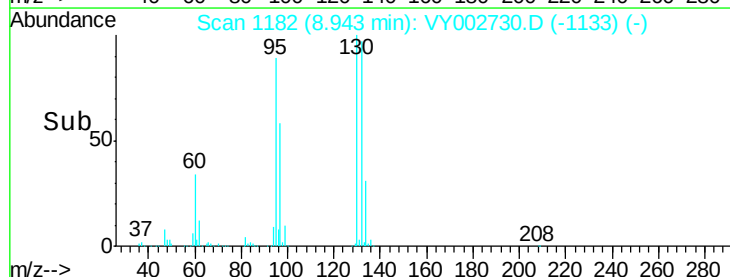
95 88.7 0.0 176.4

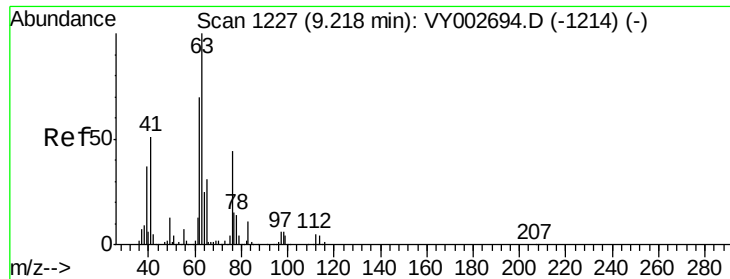


Abundance Ion 129.80 (129.50 to 130.50): VY002730.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002730.D (-1133) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 50.449 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

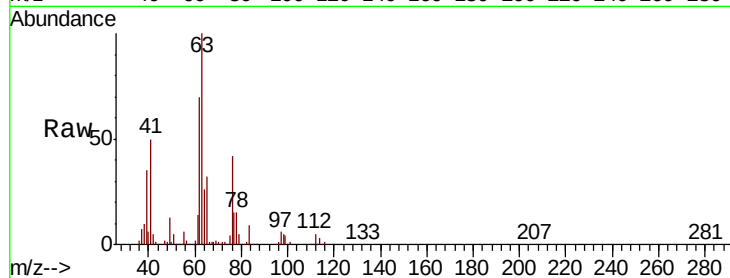
ClientSampled :

Tot Ion: 63 Resp: 194066

Ion Ratio Lower Upper

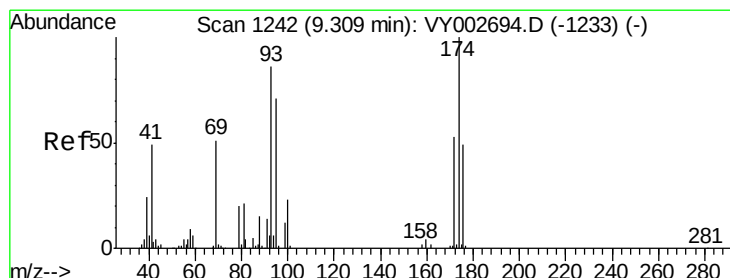
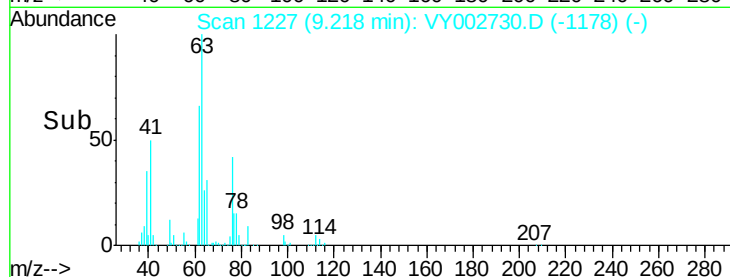
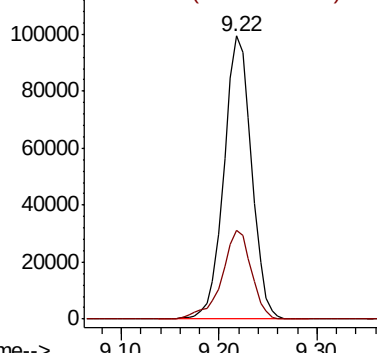
63 100

65 31.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 51.000 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

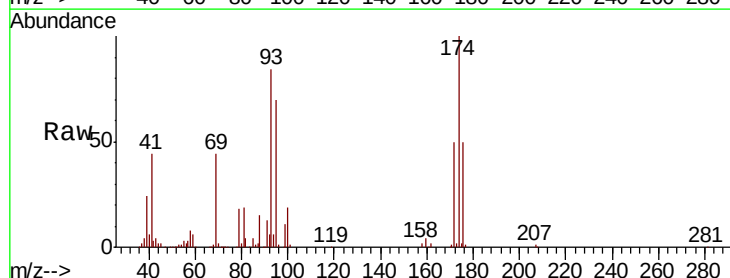
Tgt Ion: 93 Resp: 110223

Ion Ratio Lower Upper

93 100

95 84.7 66.5 99.7

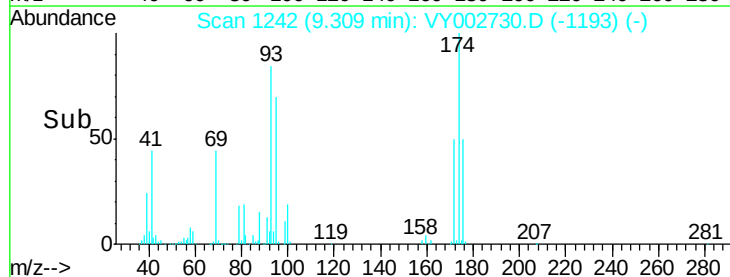
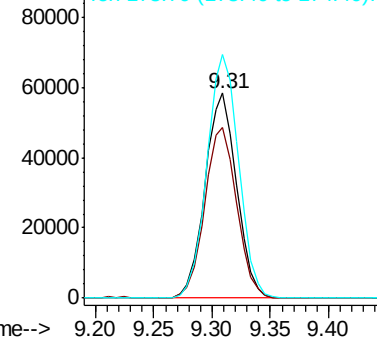
174 119.8 95.6 143.4

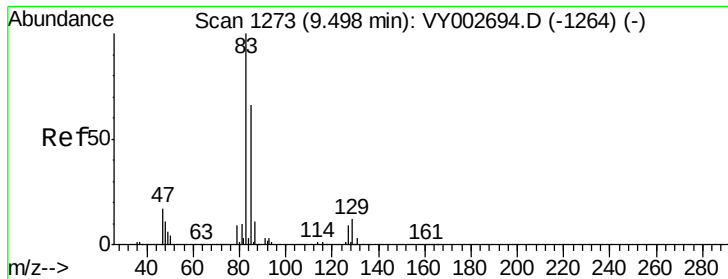


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.555 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

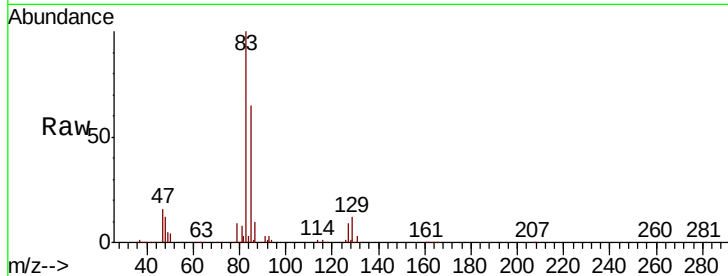
Tot Ion: 83 Resp: 271933

Ion Ratio Lower Upper

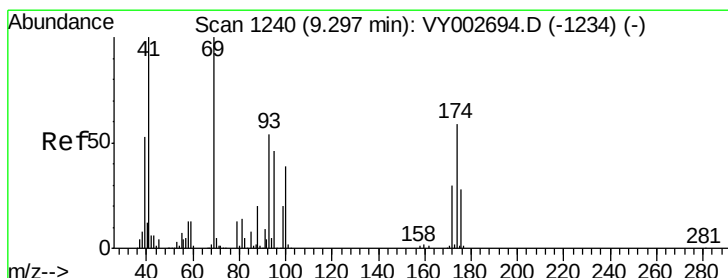
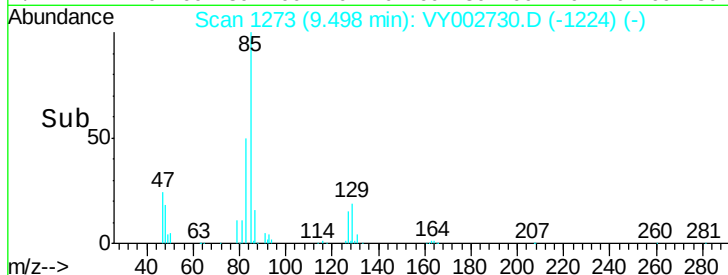
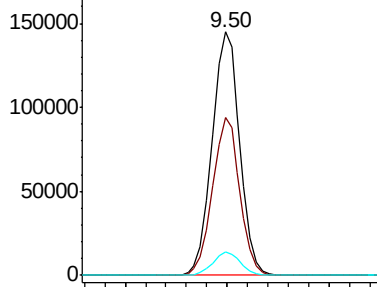
83 100

85 64.9 52.4 78.6

127 9.4 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): V



#48

Methyl methacrylate

Concen: 51.504 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

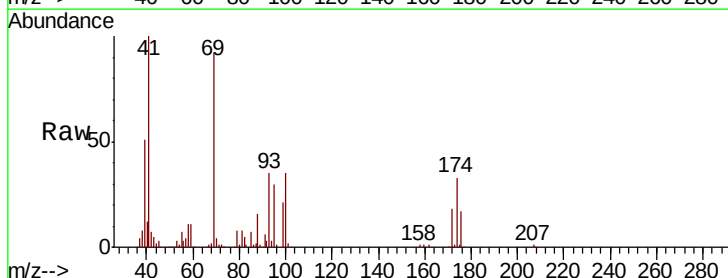
Tgt Ion: 41 Resp: 120409

Ion Ratio Lower Upper

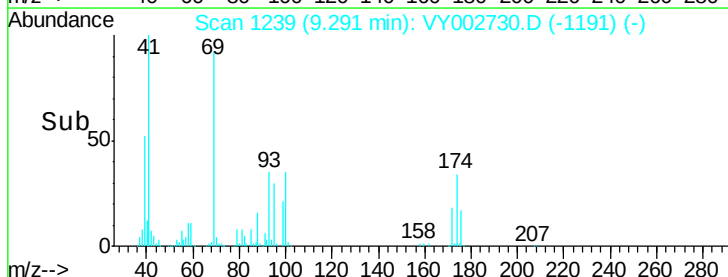
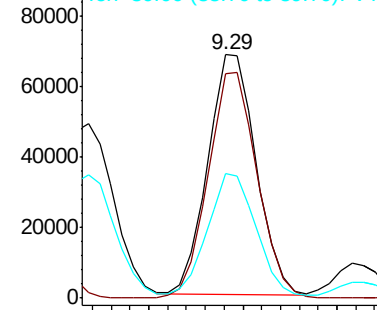
41 100

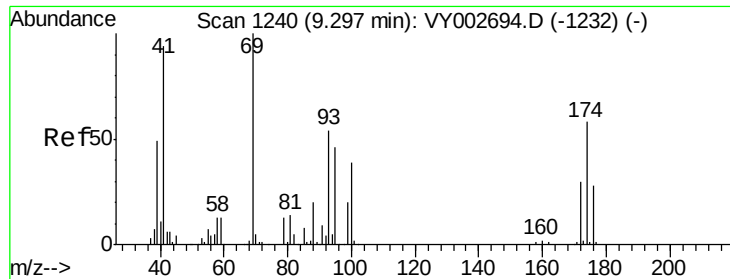
69 95.3 78.7 118.1

39 50.4 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

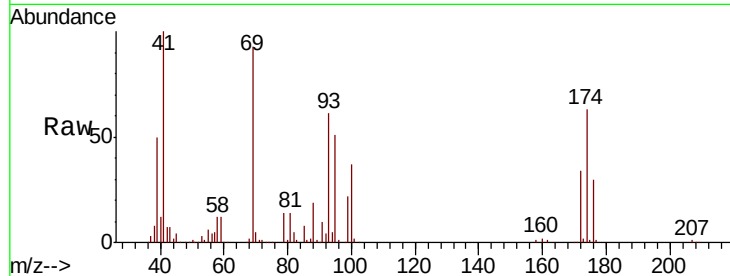




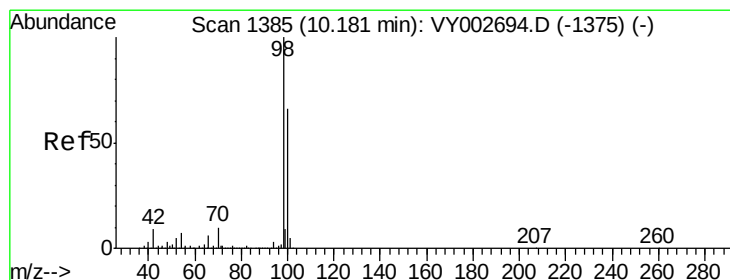
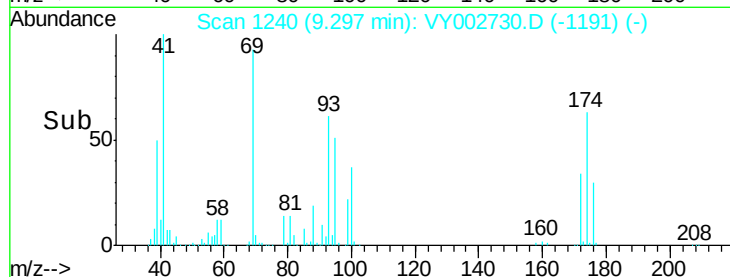
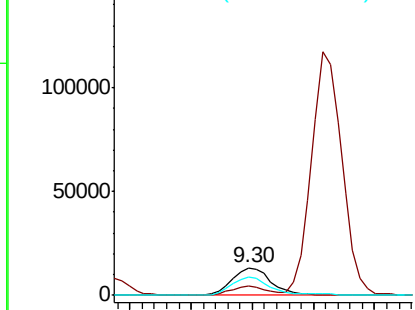
#49
 1,4-Dioxane
 Concen: 1001.769 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 29487
 Ion Ratio Lower Upper
 88 100
 43 28.5 23.4 35.0
 58 64.2 54.5 81.7

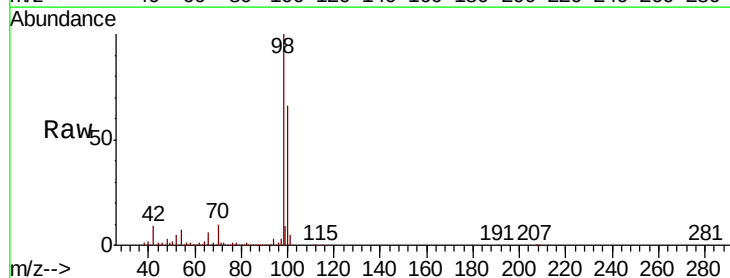


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

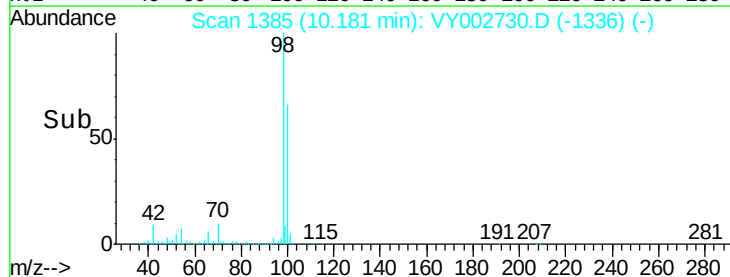
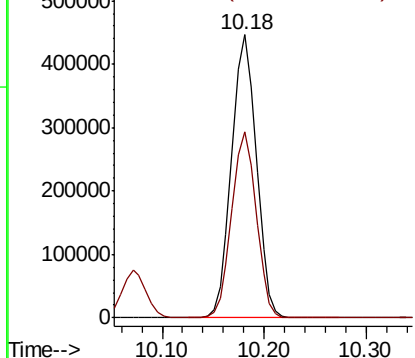


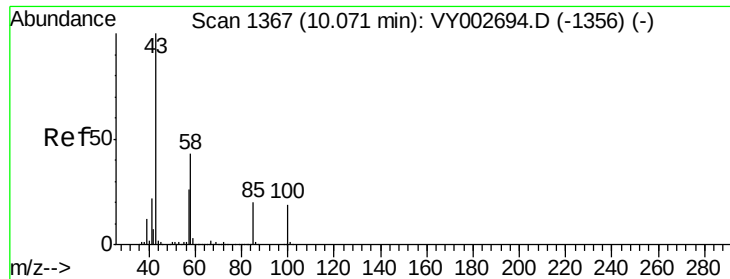
#50
 Toluene-d8
 Concen: 51.389 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Tgt Ion: 98 Resp: 749240
 Ion Ratio Lower Upper
 98 100
 100 65.1 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: 255.256 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

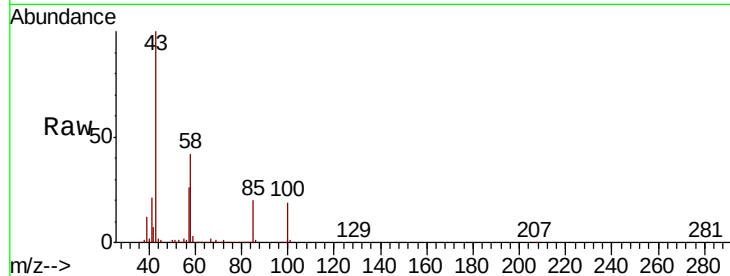
ClientSampled :

Tot Ion: 43 Resp: 669163

Ion Ratio Lower Upper

43 100

58 42.4 34.1 51.1



Abundance Ion 43.00 (42.70 to 43.70): VY002730.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY002730.D (-1356) (-)

10.07

400000

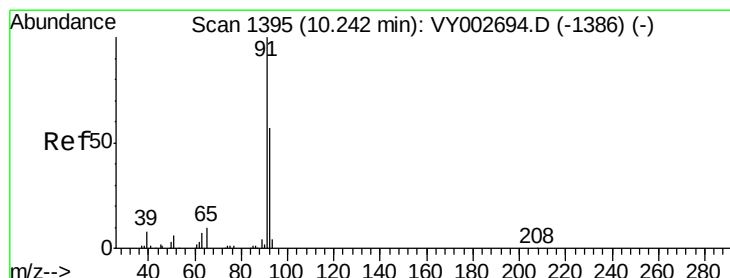
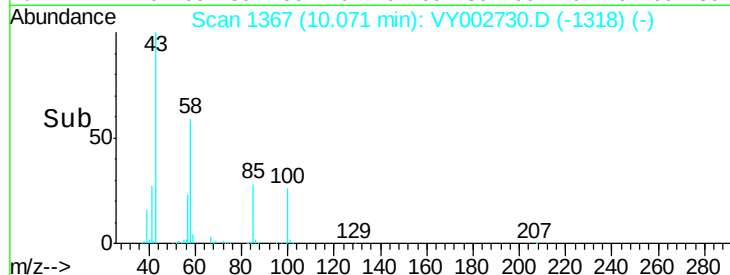
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.396 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002730.D

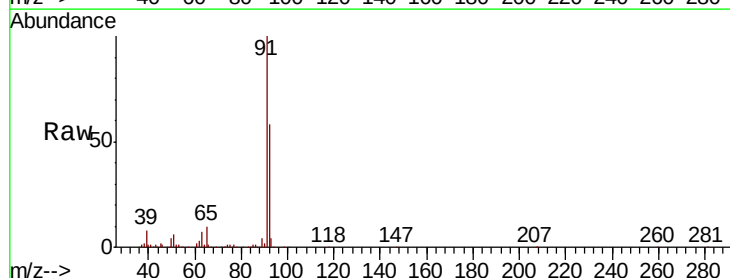
Acq: 20 May 2020 15:33

Tgt Ion: 92 Resp: 518109

Ion Ratio Lower Upper

92 100

91 172.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VY002730.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY002730.D (-1386) (-)

10.24

600000

500000

400000

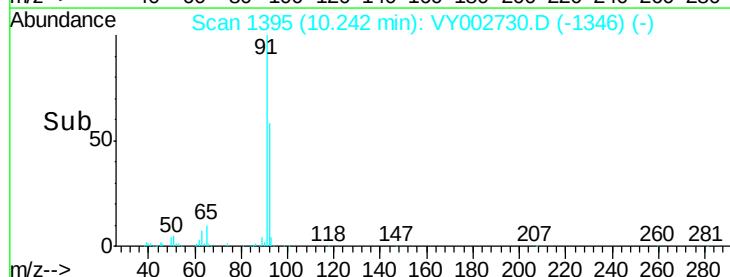
300000

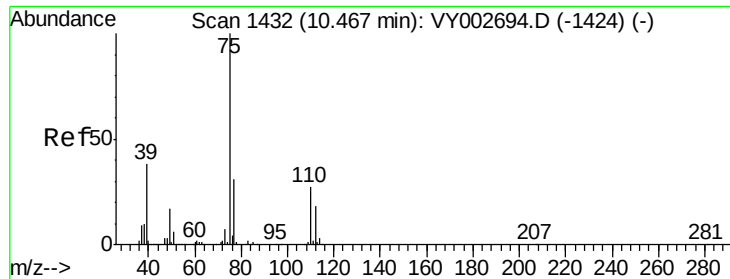
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.419 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

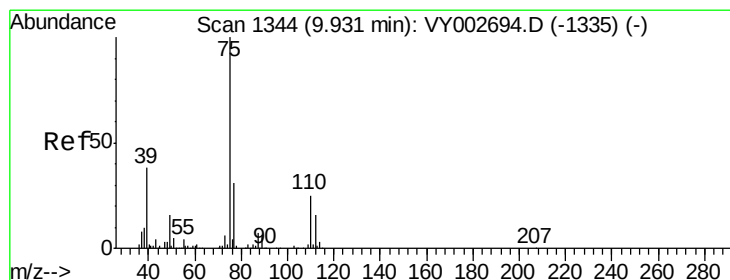
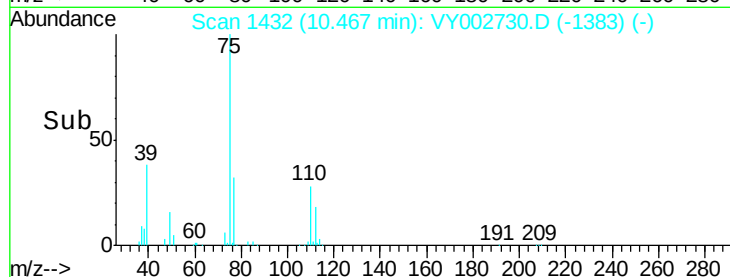
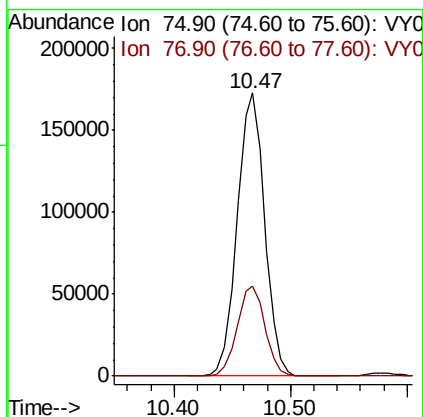
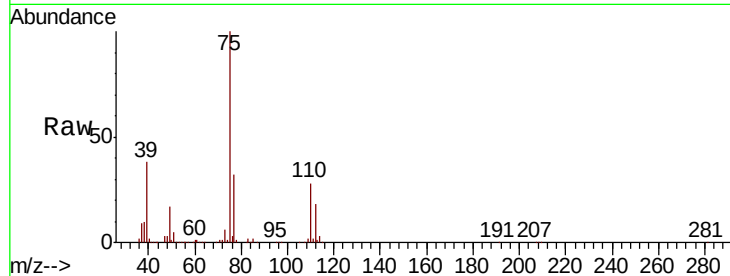
ClientSampleId :

Tot Ion: 75 Resp: 283845

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.922 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

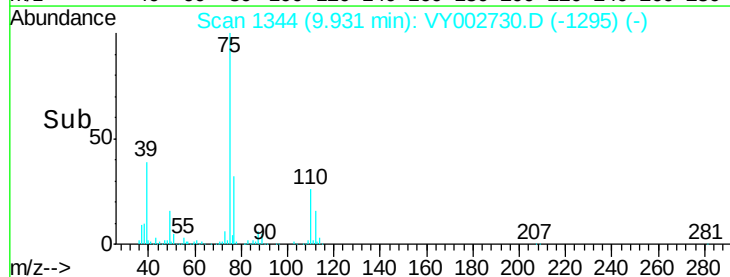
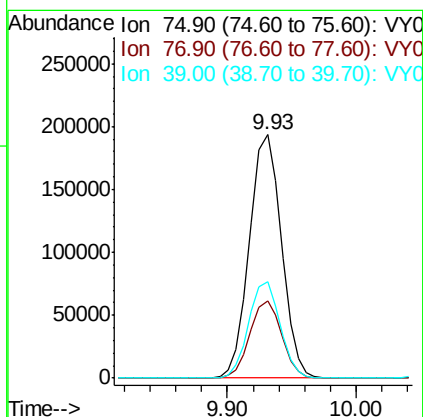
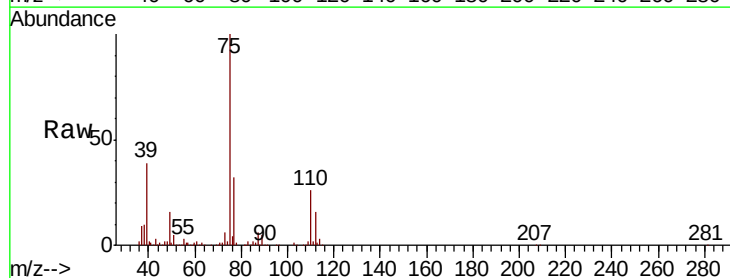
Tgt Ion: 75 Resp: 332346

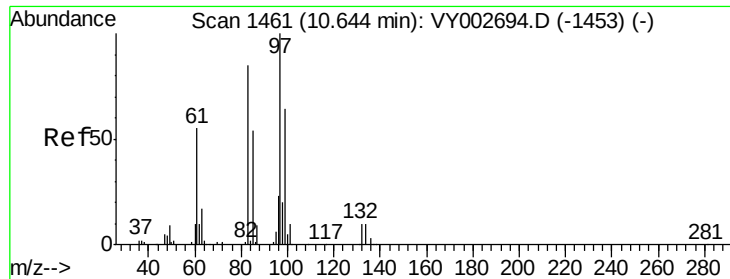
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 39.4 30.7 46.1

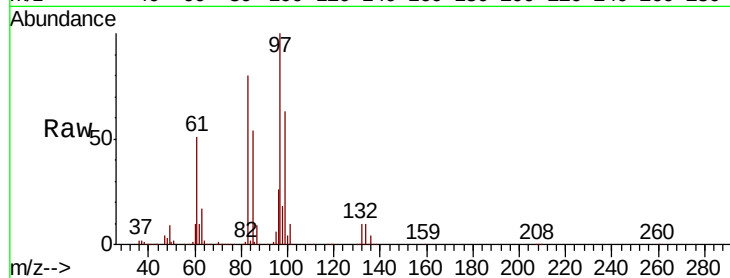




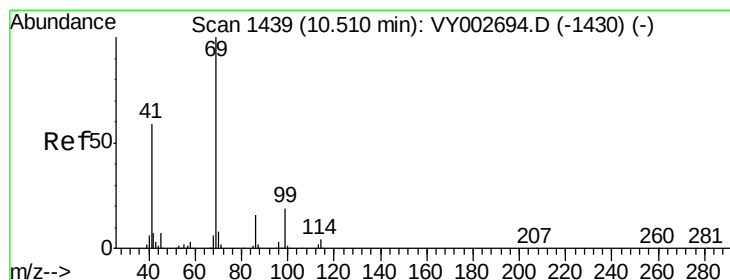
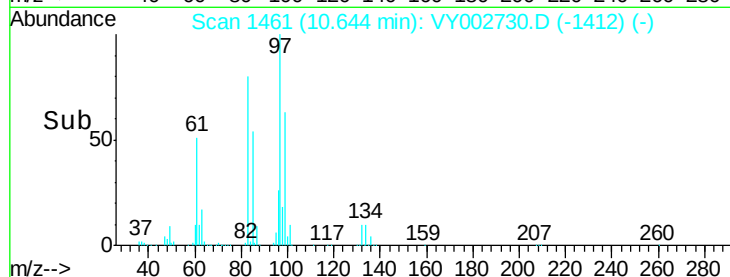
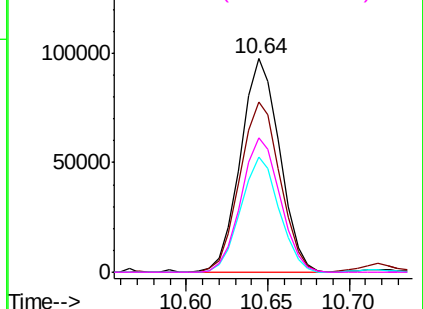
#55
 1,1,2-Trichloroethane
 Concen: 50.854 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:	97	Resp:	163627
Ion	Ratio	Lower	Upper
97	100		
83	79.6	68.1	102.1
85	53.8	43.1	64.7
99	63.0	51.0	76.4

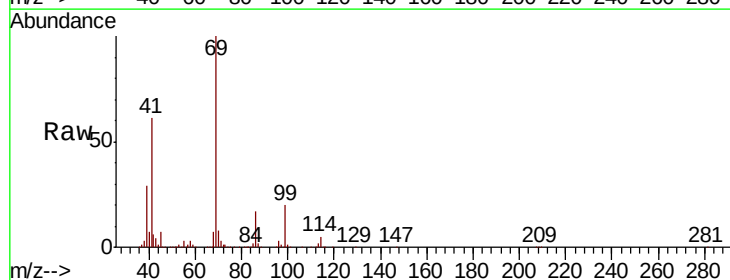


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

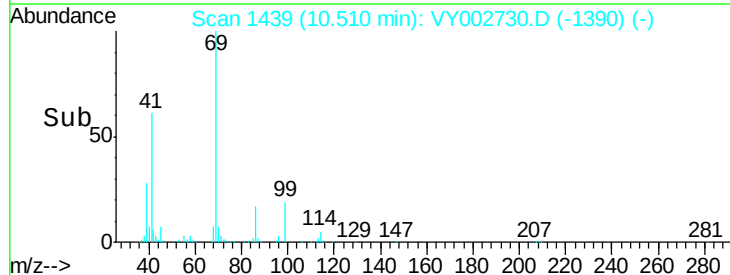
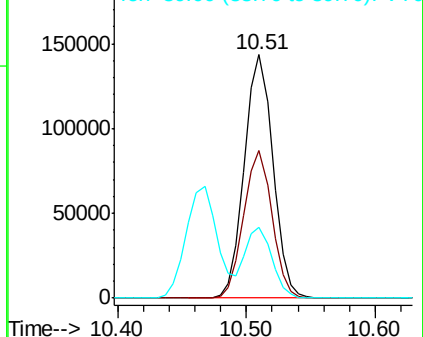


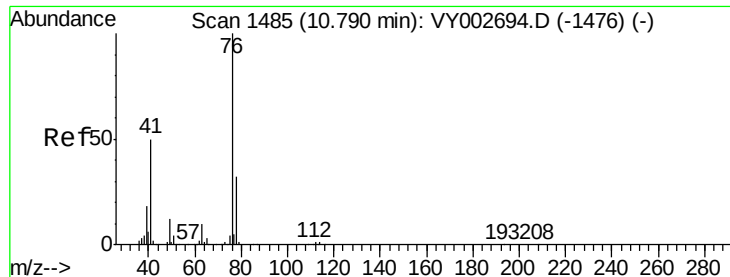
#56
 Ethyl methacrylate
 Concen: 51.328 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Tgt Ion:	69	Resp:	219864
Ion	Ratio	Lower	Upper
69	100		
41	59.9	48.0	72.0
39	26.9	22.1	33.1



Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 50.459 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

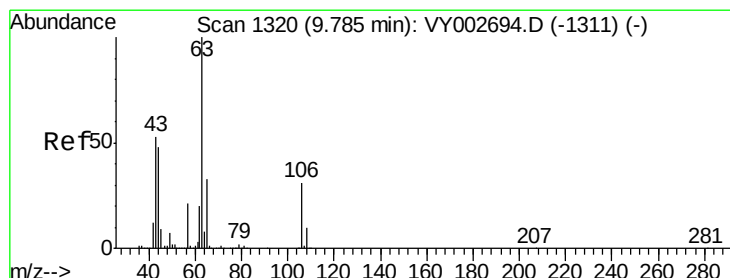
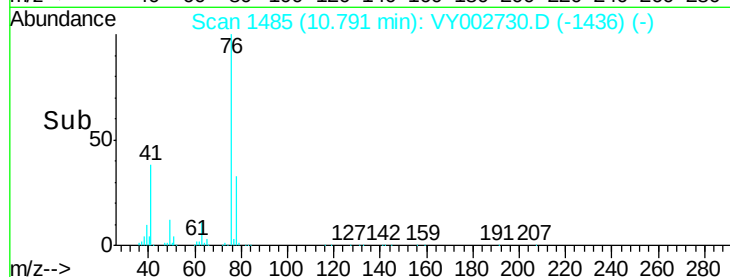
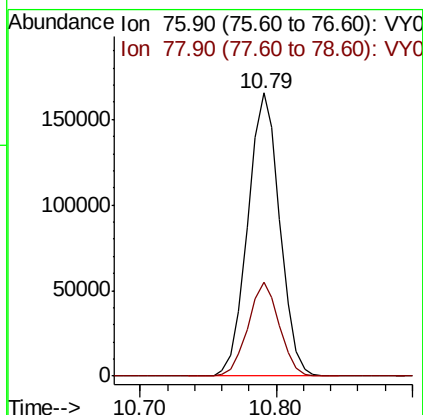
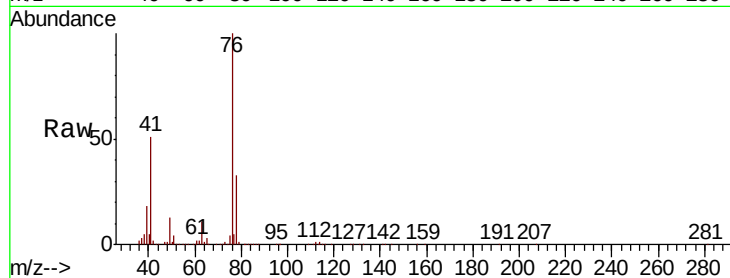
ClientSampleId :

Tot Ion: 76 Resp: 272070

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 258.825 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002730.D

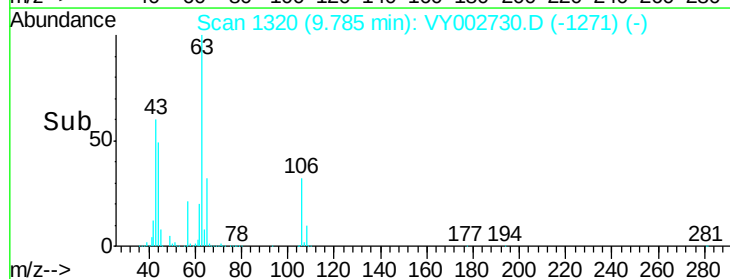
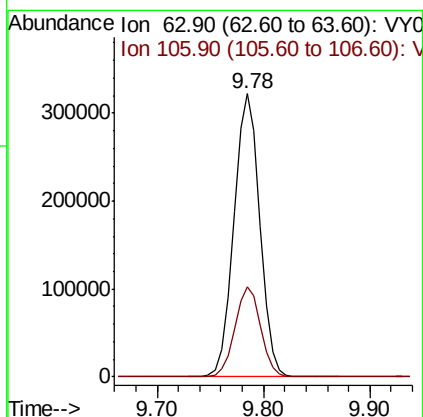
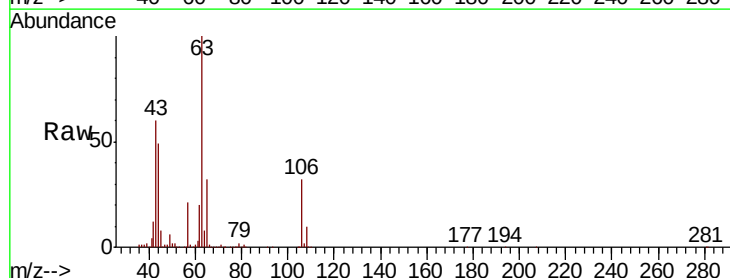
Acq: 20 May 2020 15:33

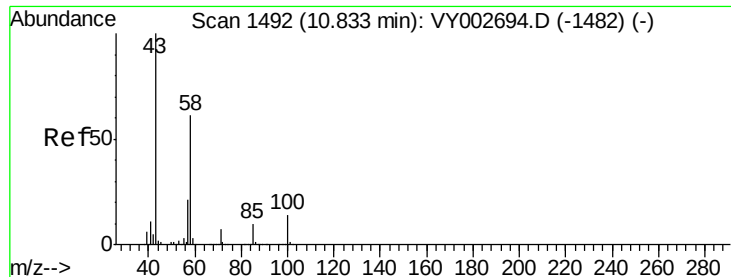
Tgt Ion: 63 Resp: 547322

Ion Ratio Lower Upper

63 100

106 31.7 25.1 37.7

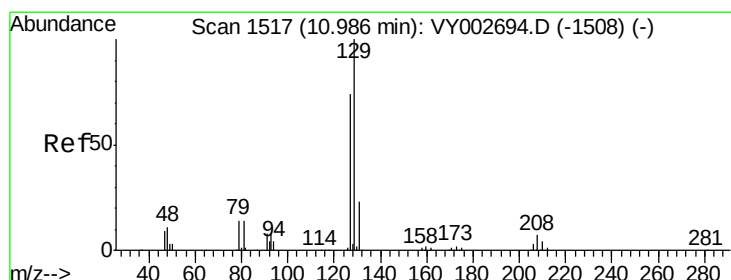
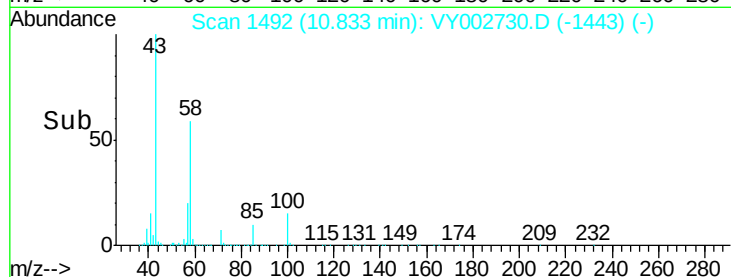
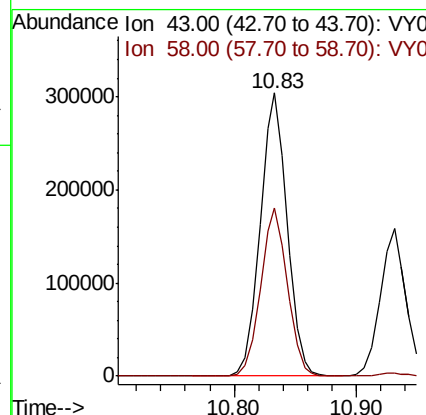
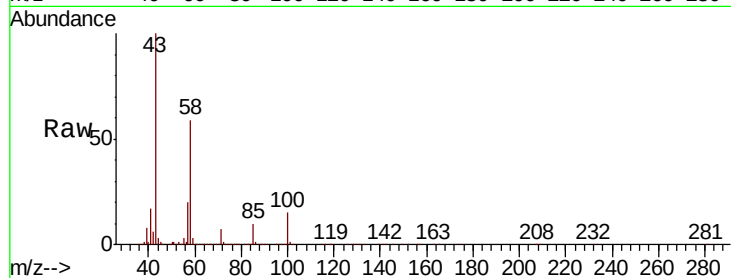




#59
2-Hexanone
Concen: 254.733 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

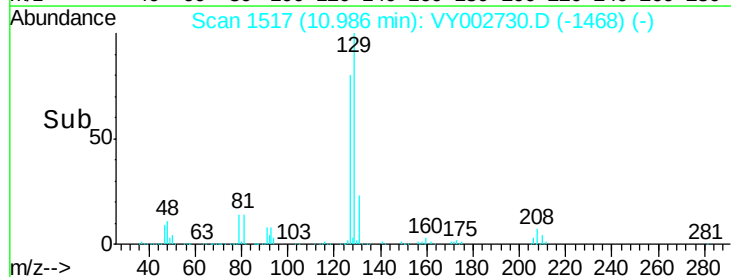
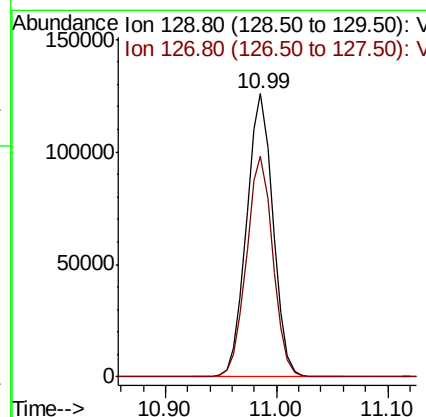
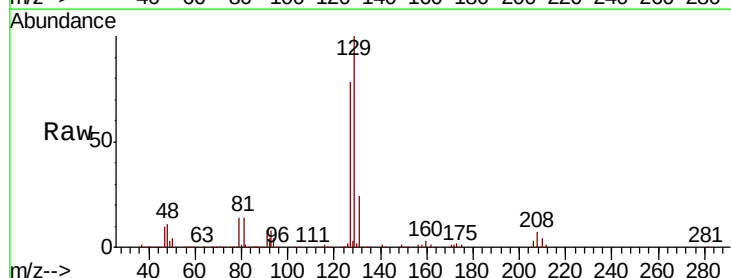
Instrument :
MSVOA_Y
ClientSampleId :

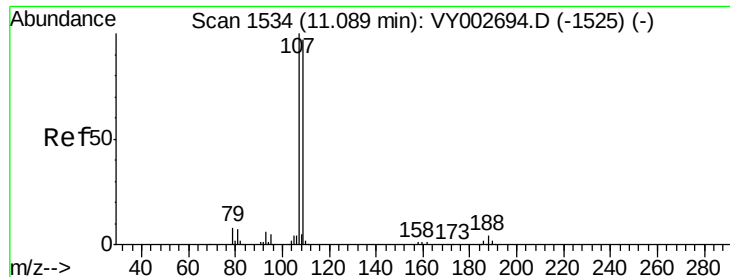
Tot Ion: 43 Resp: 465250
Ion Ratio Lower Upper
43 100
58 59.0 29.8 89.4



#60
Dibromochloromethane
Concen: 50.575 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion: 129 Resp: 207890
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3

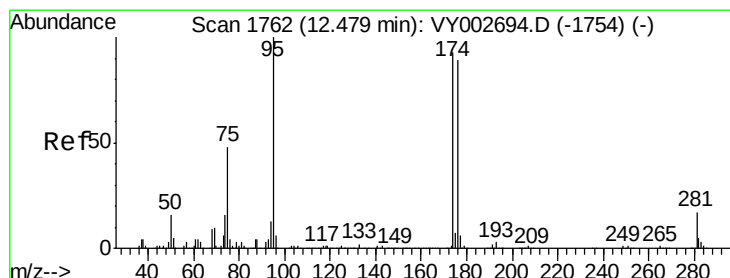
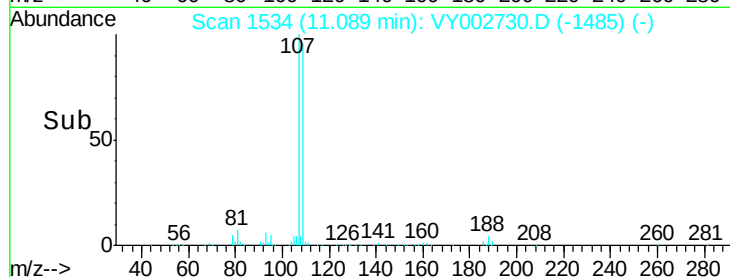
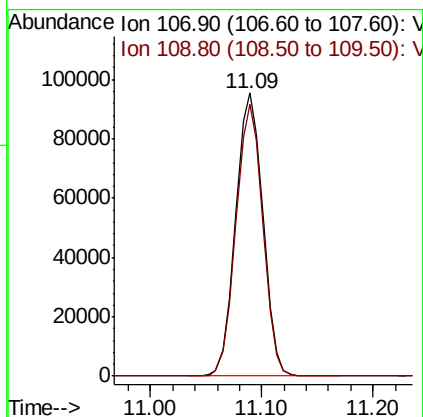
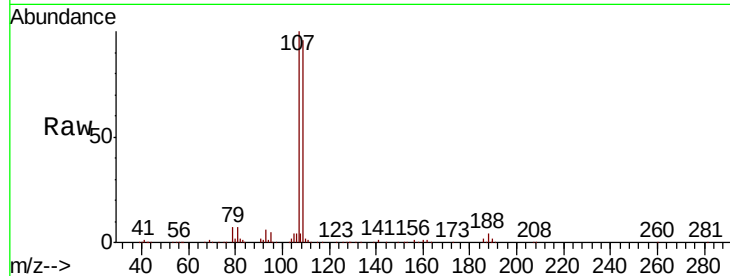




#61
 1,2-Dibromoethane
 Concen: 50.800 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

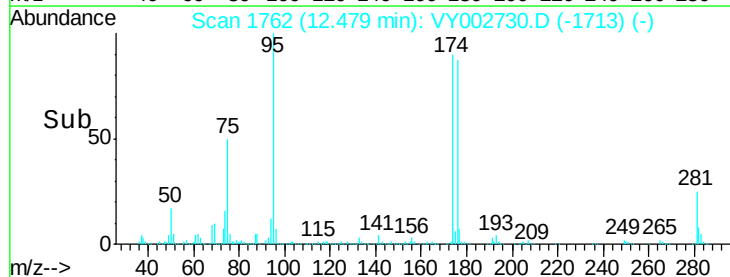
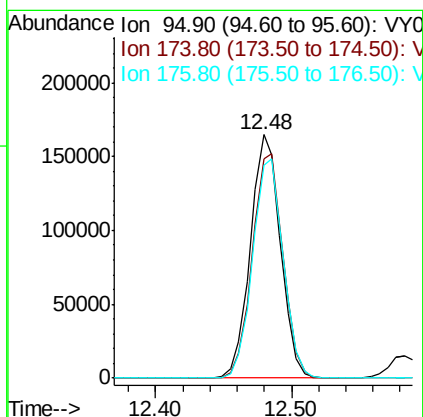
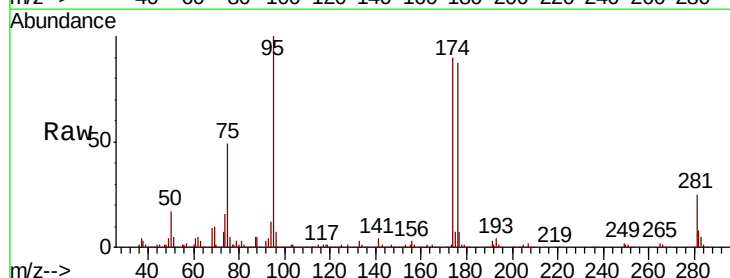
Instrument :
 MSVOA_Y
 ClientSampleId :

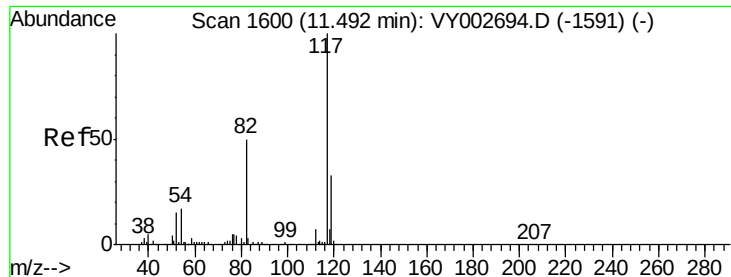
Tot Ion:107 Resp: 161038
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 50.891 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Tgt Ion: 95 Resp: 255022
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 191.4
 176 91.7 0.0 186.0

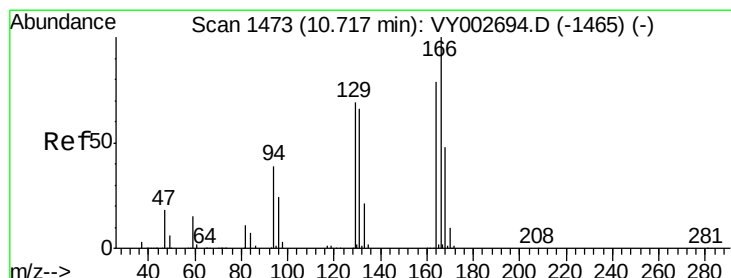
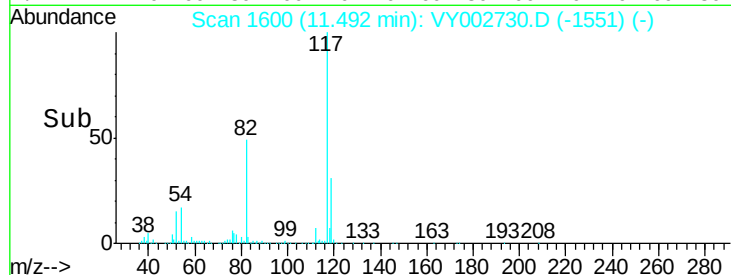
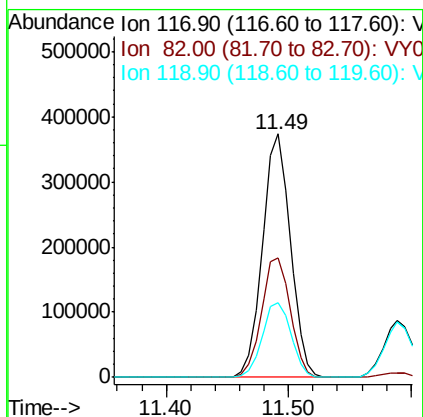
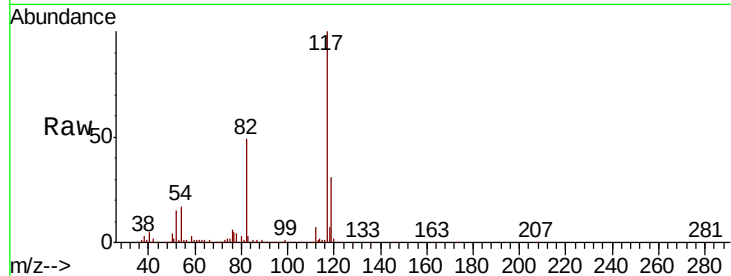




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

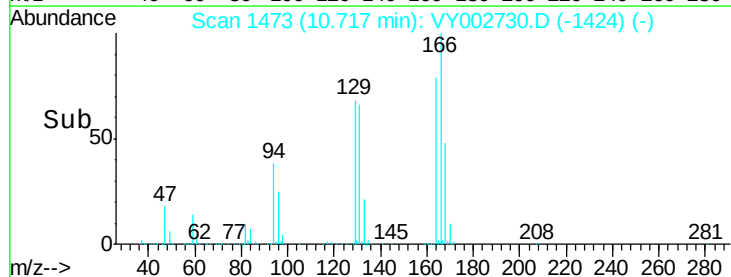
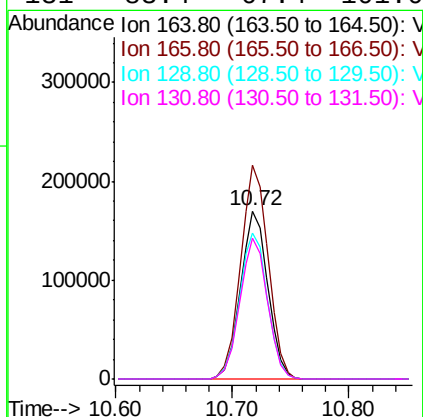
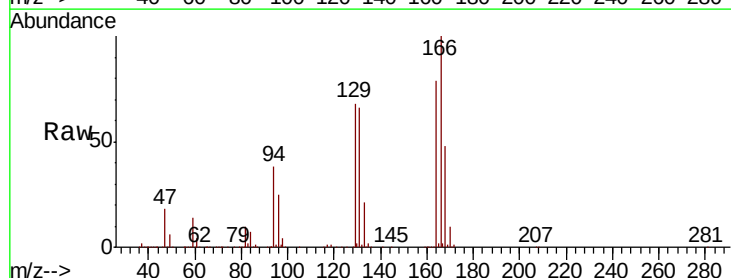
Instrument :
MSVOA_Y
ClientSampled :

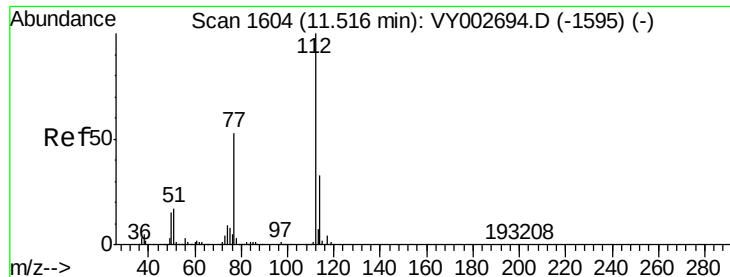
Tot Ion:117 Resp: 593674
Ion Ratio Lower Upper
117 100
82 49.1 40.3 60.5
119 30.8 26.2 39.4



#64
Tetrachloroethene
Concen: 49.332 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion:164 Resp: 278043
Ion Ratio Lower Upper
164 100
166 127.1 101.6 152.4
129 86.9 70.2 105.4
131 83.4 67.4 101.0

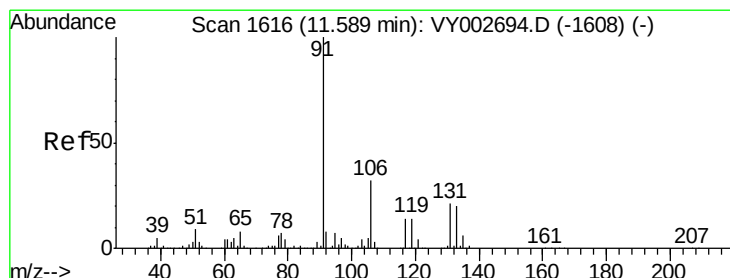
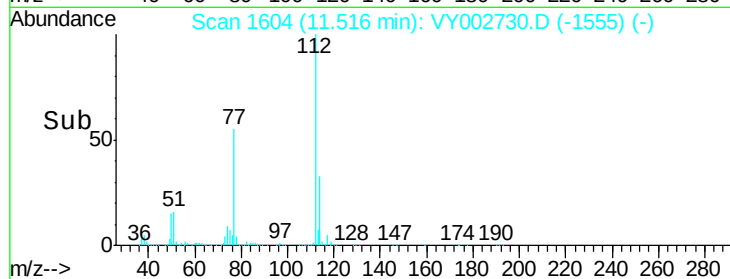
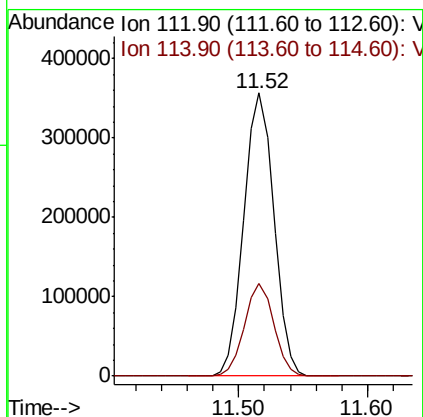
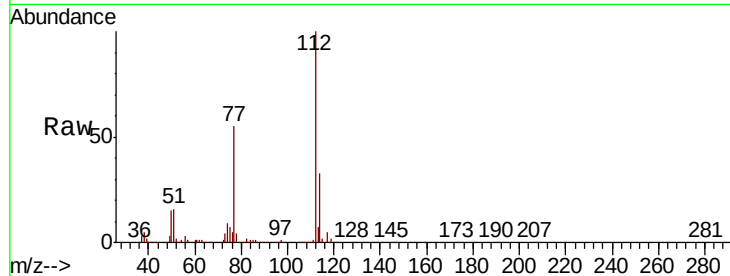




#65
Chlorobenzene
Concen: 50.134 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

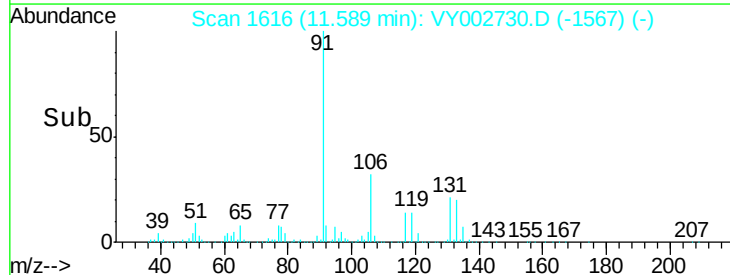
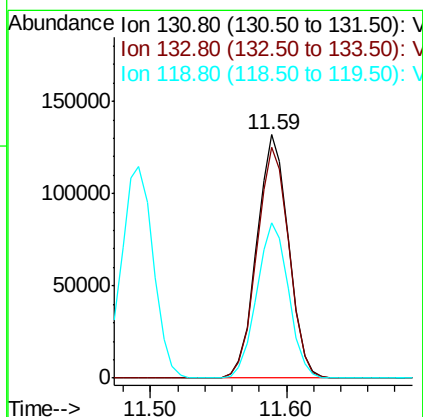
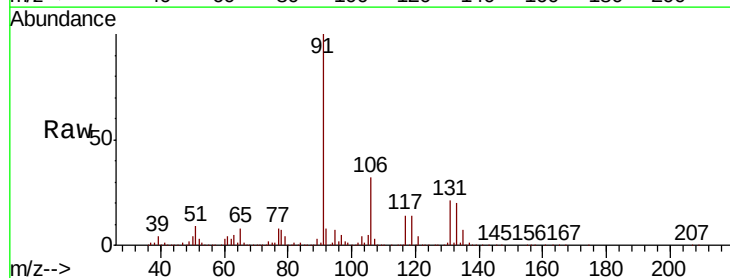
Instrument :
MSVOA_Y
ClientSampleId :

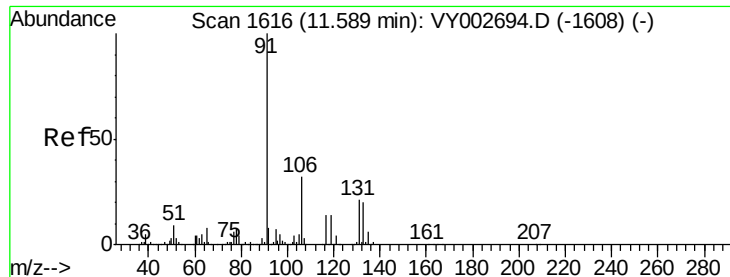
Tot Ion:112 Resp: 575131
Ion Ratio Lower Upper
112 100
114 32.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.783 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion:131 Resp: 216218
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.3
119 64.0 31.6 94.8

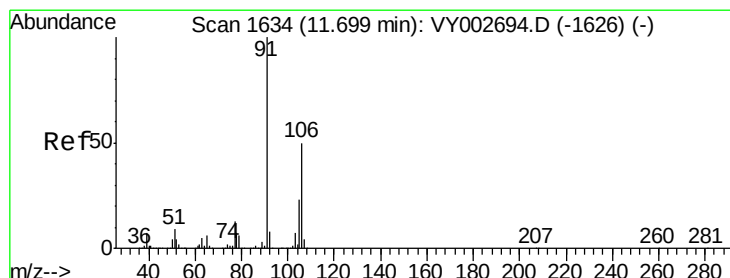
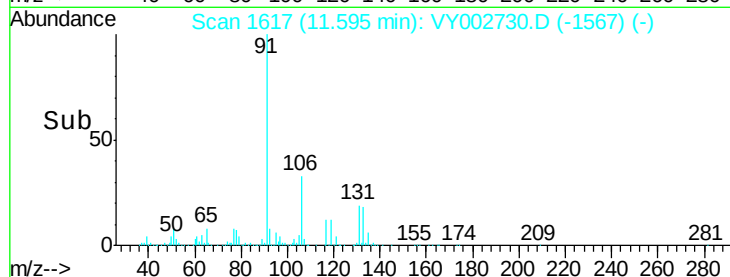
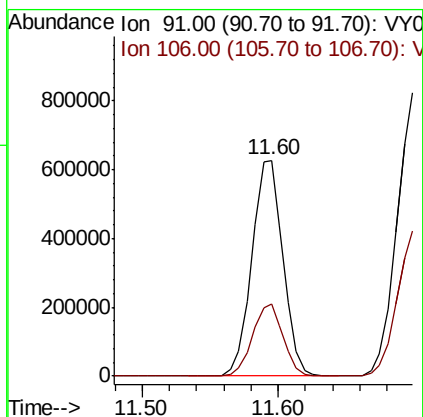
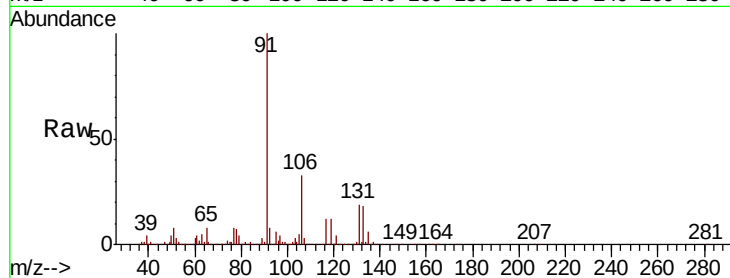




#67
Ethyl Benzene
Concen: 49.941 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

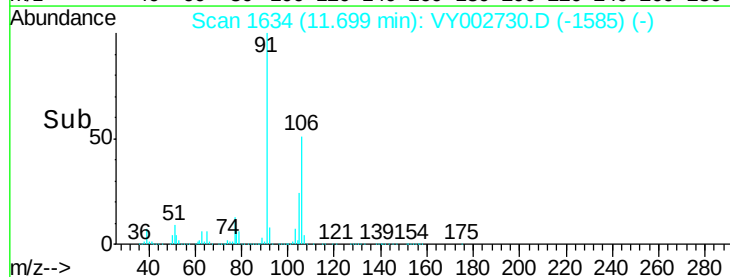
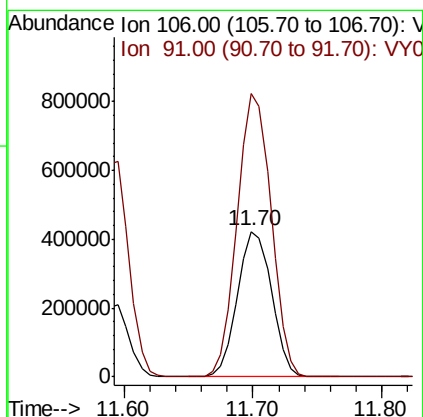
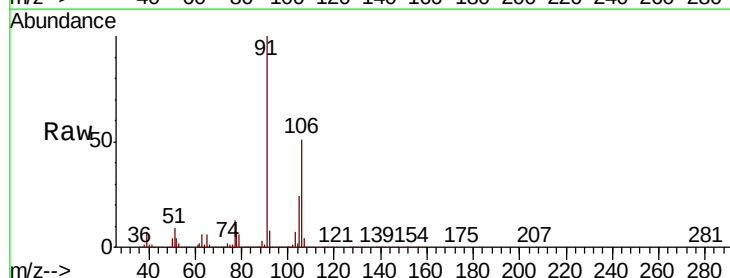
Instrument :
MSVOA_Y
ClientSampled :

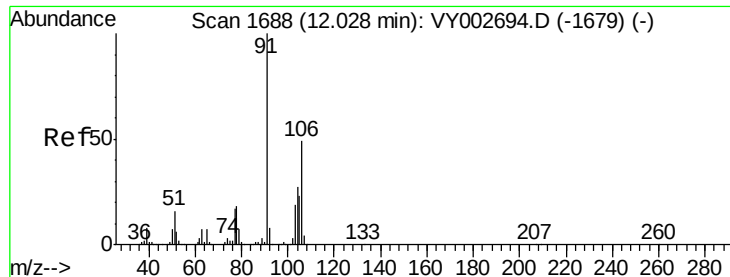
Tot Ion: 91 Resp: 1005948
Ion Ratio Lower Upper
91 100
106 33.3 26.0 39.0



#68
m/p-Xylenes
Concen: 99.353 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion: 106 Resp: 778582
Ion Ratio Lower Upper
106 100
91 194.1 156.2 234.4

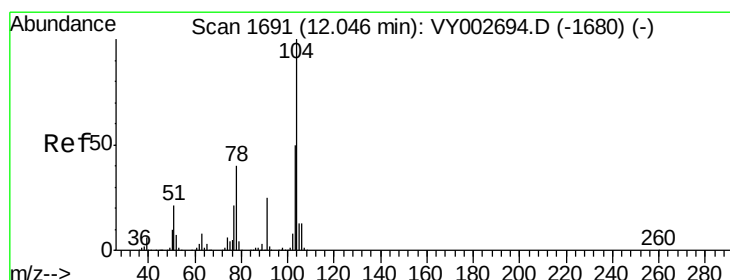
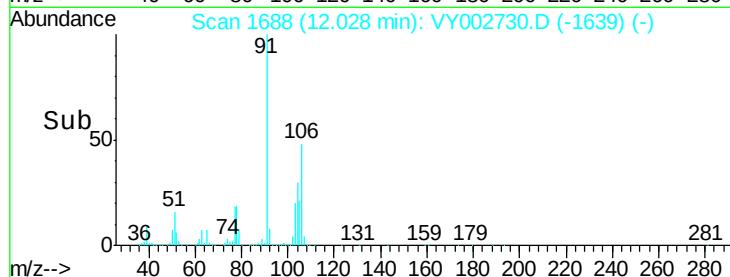
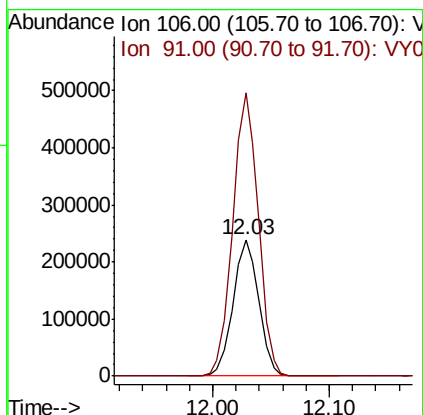
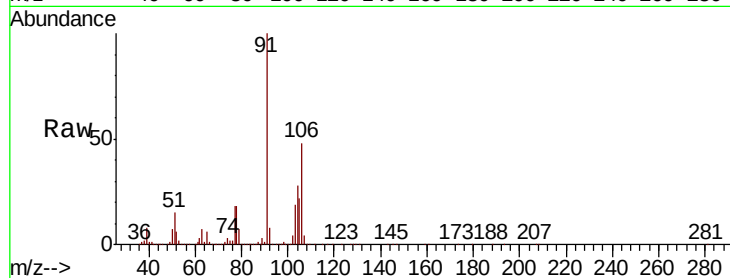




#69
o-Xylene
Concen: 49.852 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

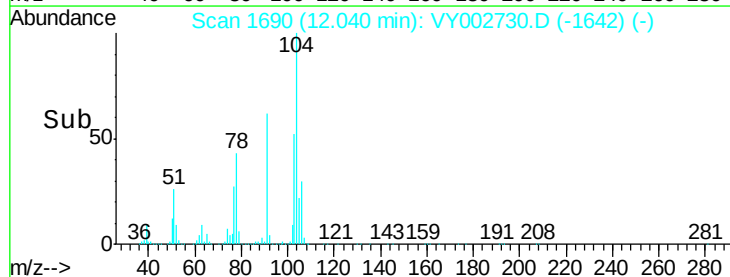
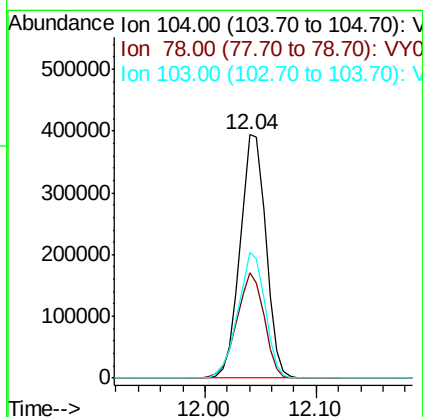
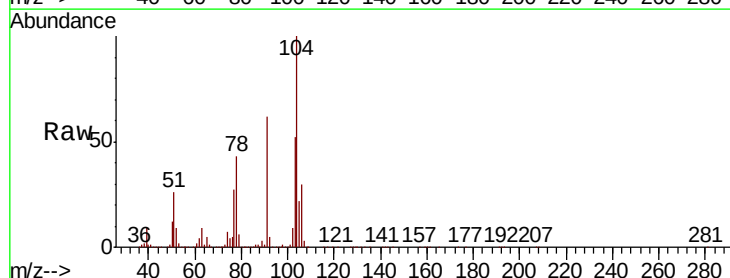
Instrument :
MSVOA_Y
ClientSampled :

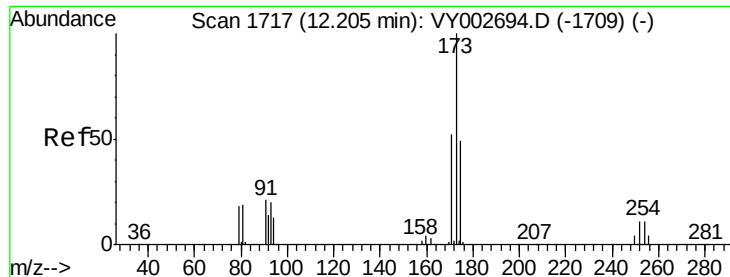
Tot Ion:106 Resp: 366672
Ion Ratio Lower Upper
106 100
91 206.6 103.5 310.3



#70
Styrene
Concen: 50.164 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion:104 Resp: 633484
Ion Ratio Lower Upper
104 100
78 45.9 36.6 54.8
103 54.5 44.1 66.1





#71

Bromoform

Concen: 51.407 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampled :

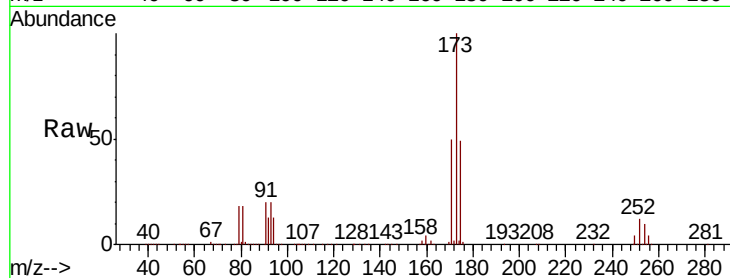
Tot Ion:173 Resp: 135296

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

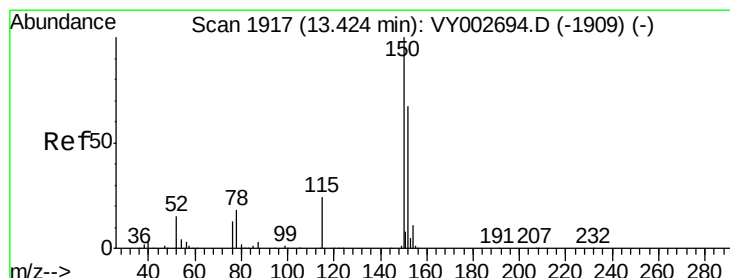
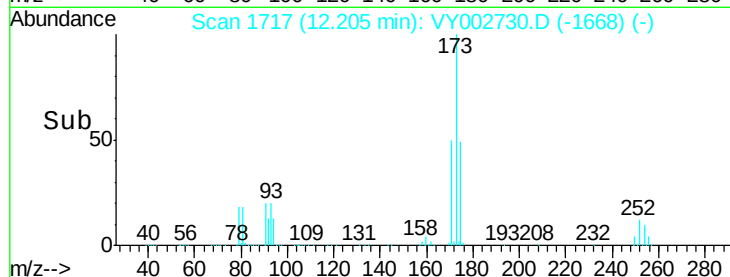
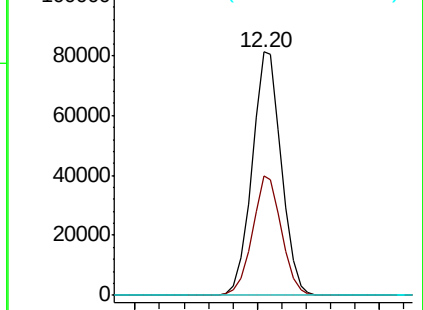
254 0.1 0.1 0.1



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: VY002730.D

Acq: 20 May 2020 15:33

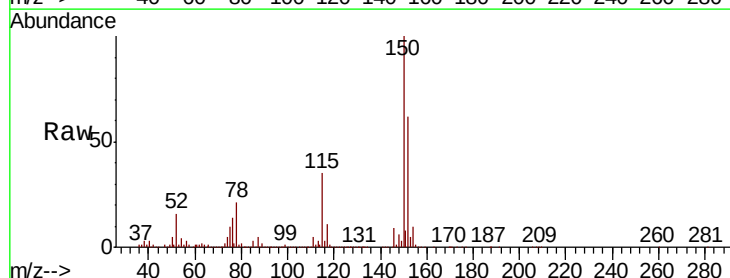
Tgt Ion:152 Resp: 300295

Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.6

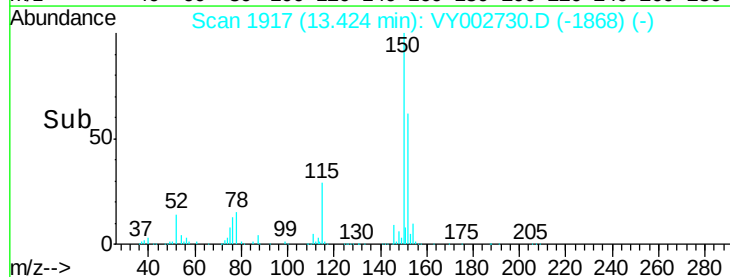
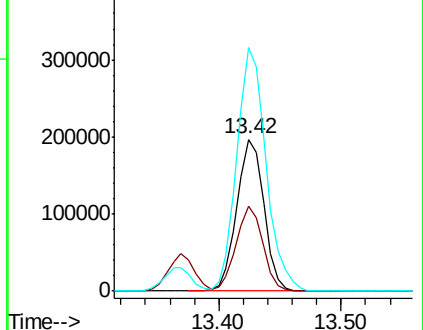
150 173.4 0.0 343.8

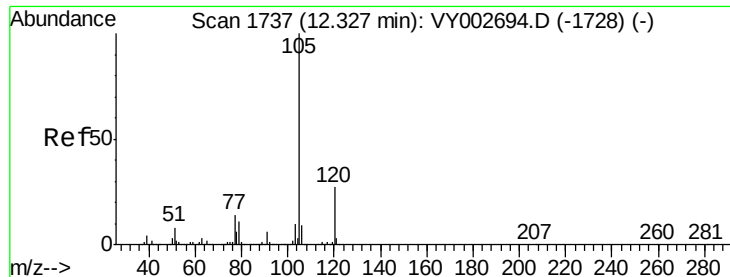


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.992 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

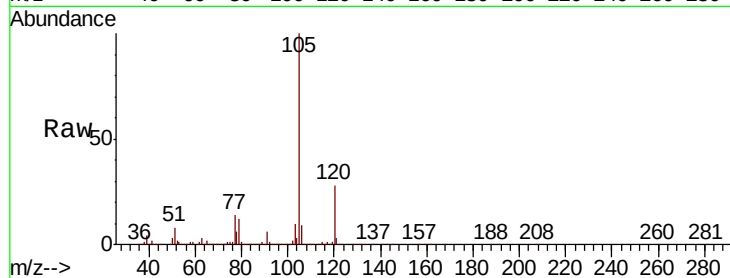
ClientSampleId :

Tot Ion:105 Resp: 1000554

Ion Ratio Lower Upper

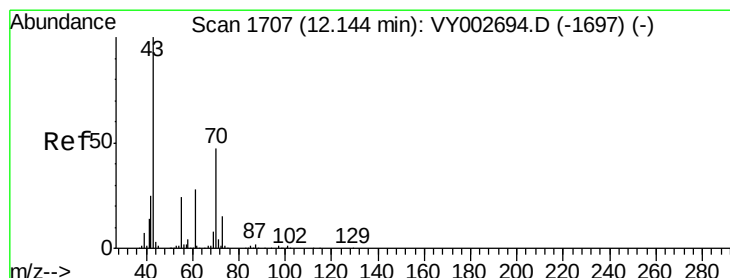
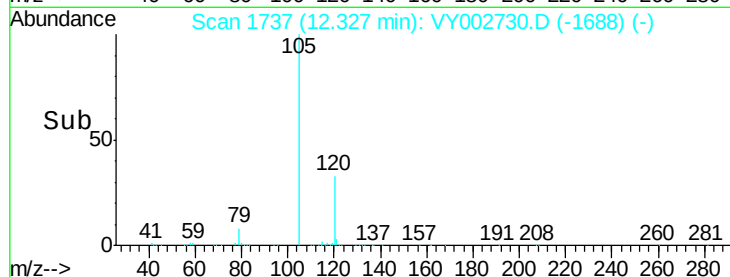
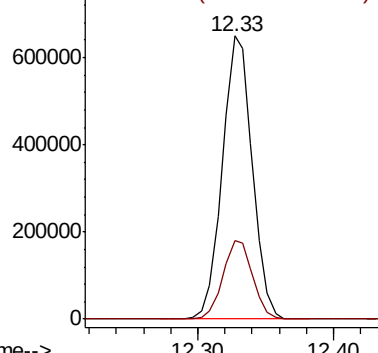
105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.544 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Tgt Ion: 43 Resp: 246541

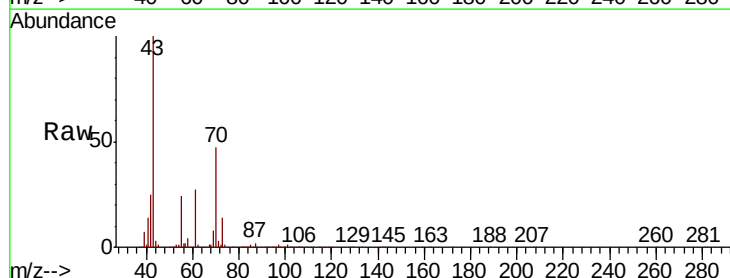
Ion Ratio Lower Upper

43 100

70 47.1 37.7 56.5

55 24.4 19.4 29.0

61 26.7 21.3 31.9

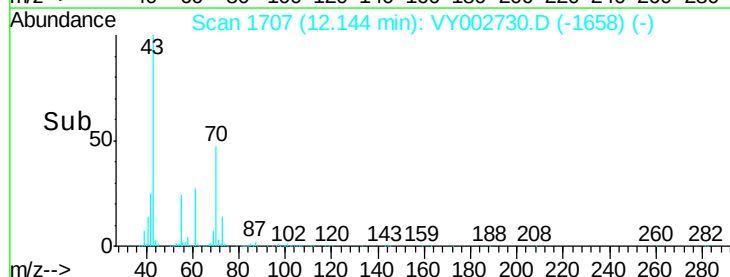
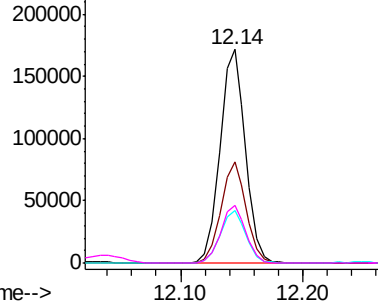


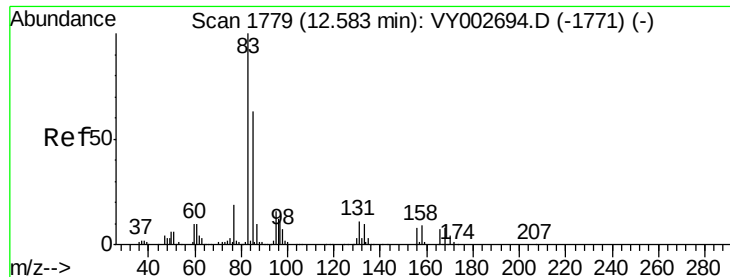
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.983 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampled :

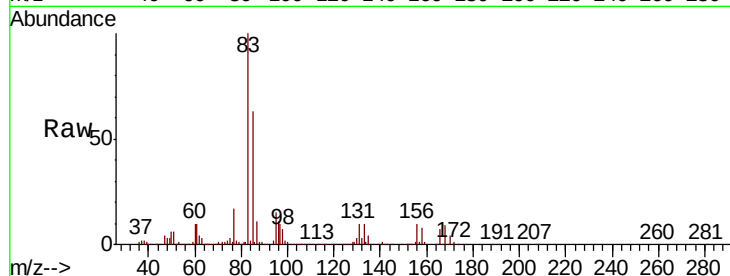
Tot Ion: 83 Resp: 150203

Ion Ratio Lower Upper

83 100

131 12.0 5.8 17.3

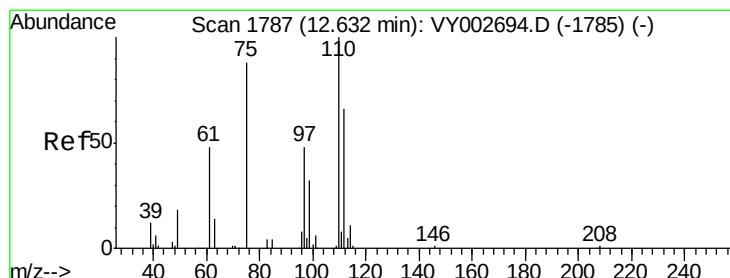
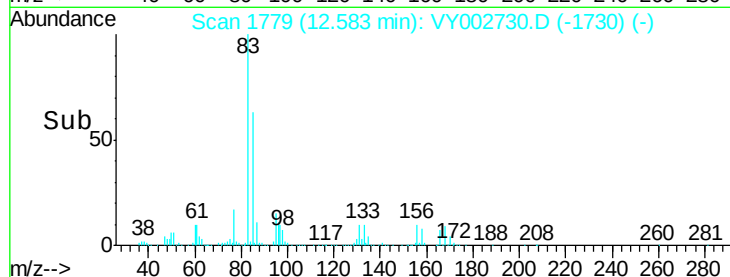
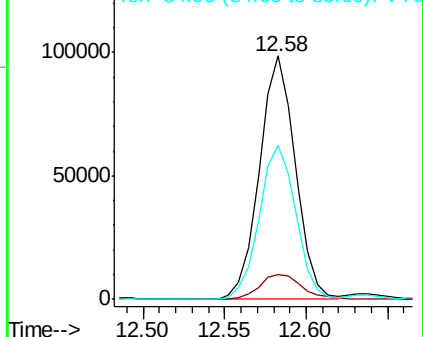
85 64.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002730.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002730.D (-1738) (-)

Ion 84.90 (84.60 to 85.60): VY002730.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 97.259 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002730.D

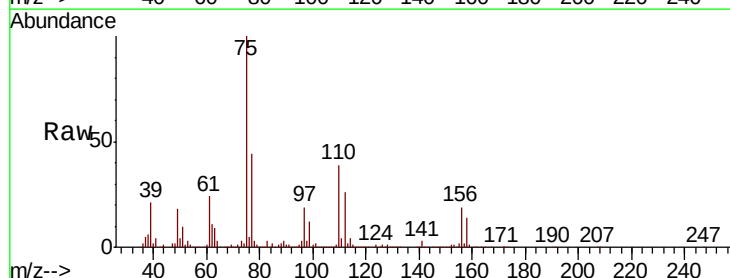
Acq: 20 May 2020 15:33

Tgt Ion: 75 Resp: 239921

Ion Ratio Lower Upper

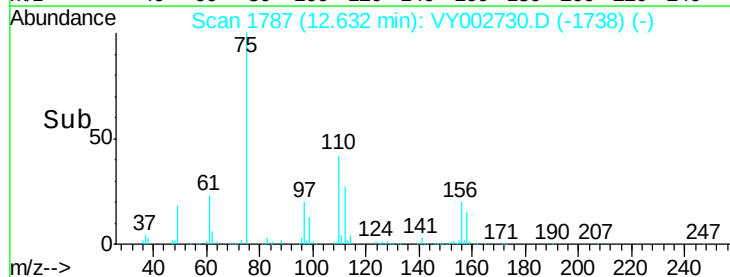
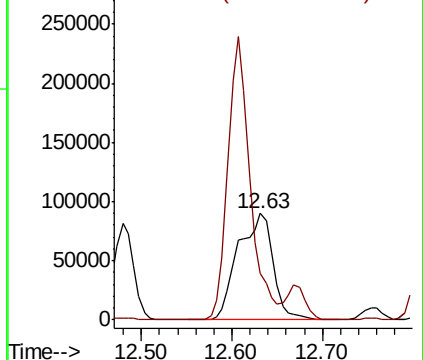
75 100

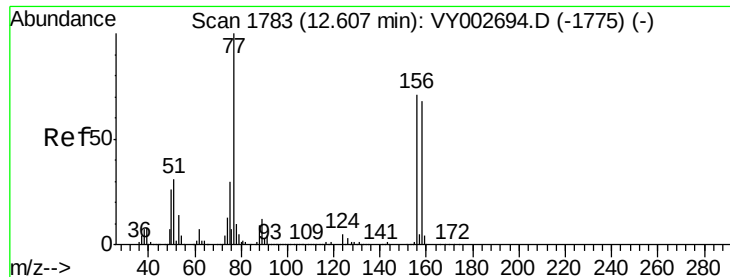
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002730.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002730.D (-1730) (-)





#77

Bromobenzene

Concen: 56.161 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

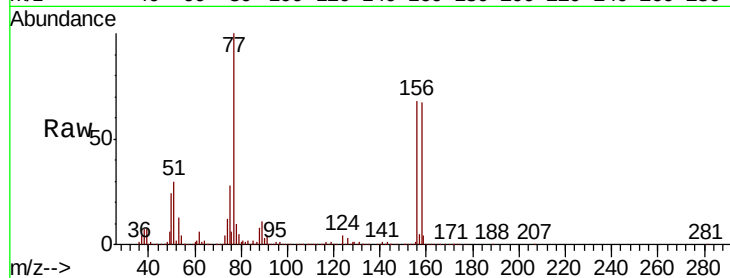
Tot Ion:156 Resp: 275505

Ion Ratio Lower Upper

156 100

77 148.4 80.8 242.3

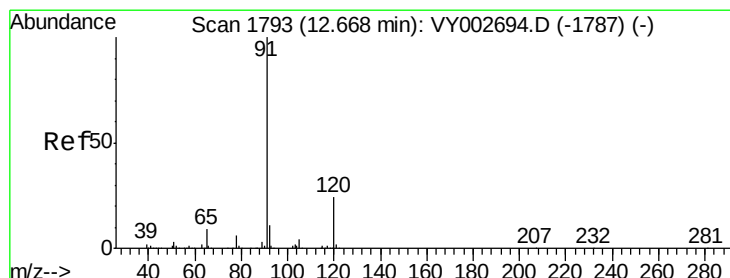
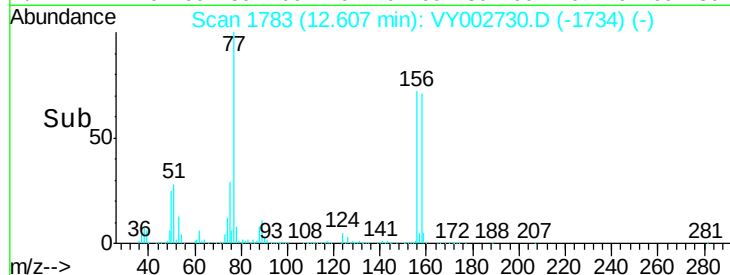
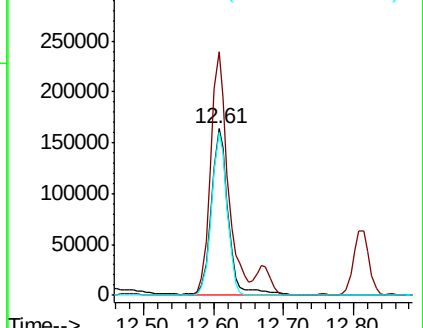
158 89.1 49.0 147.0



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: 50.917 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002730.D

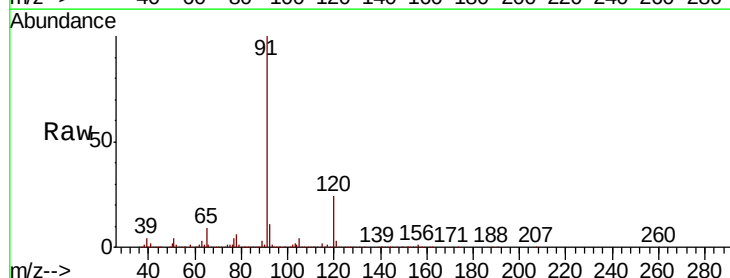
Acq: 20 May 2020 15:33

Tgt Ion: 91 Resp: 1162249

Ion Ratio Lower Upper

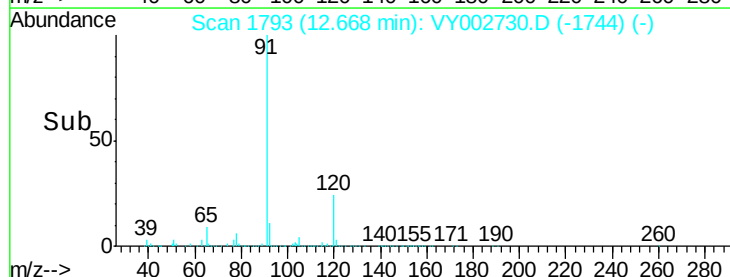
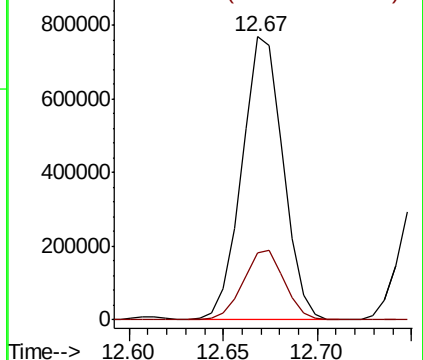
91 100

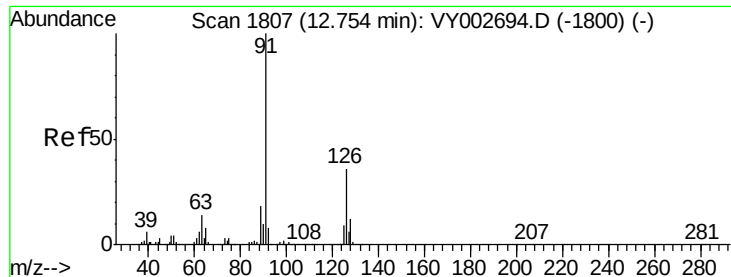
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

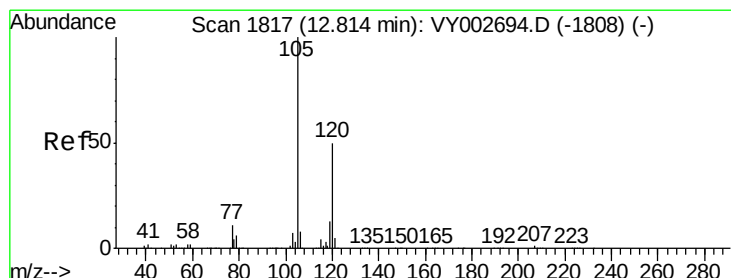
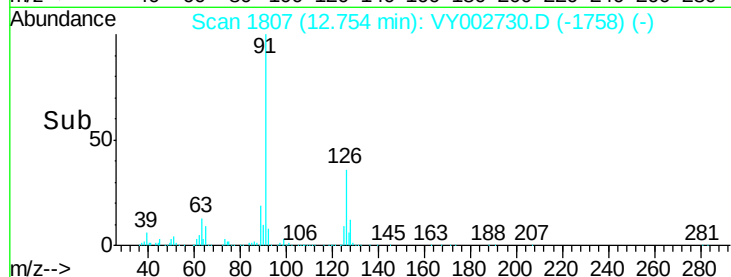
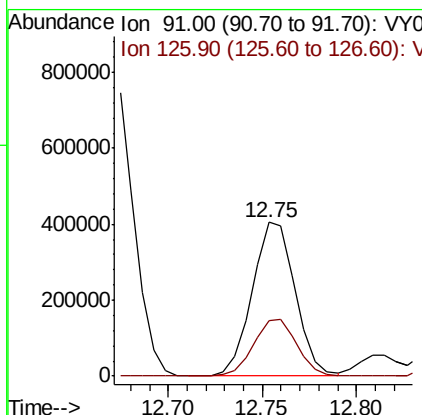
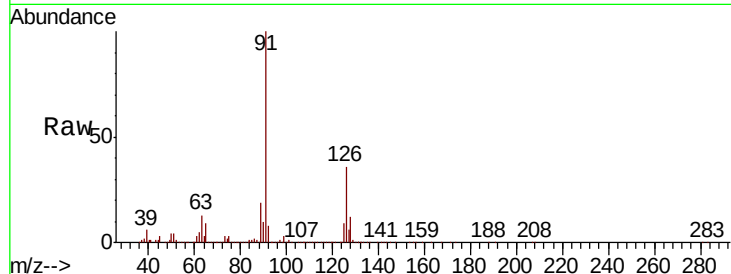




#79
 2-Chlorotoluene
 Concen: 50.493 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

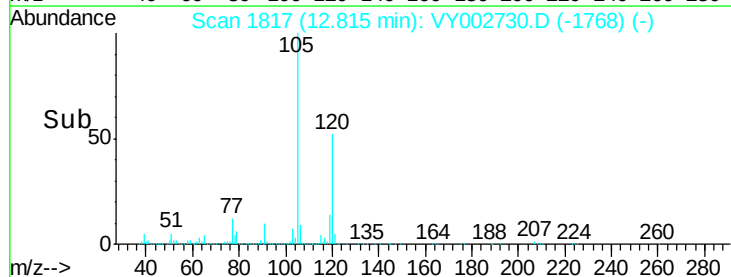
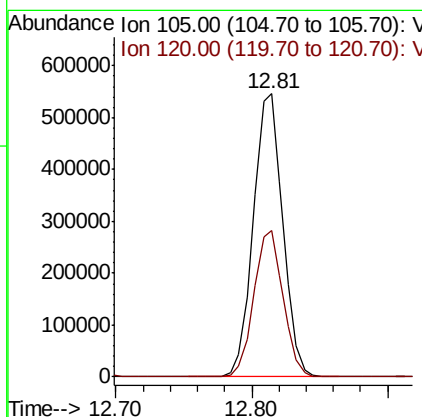
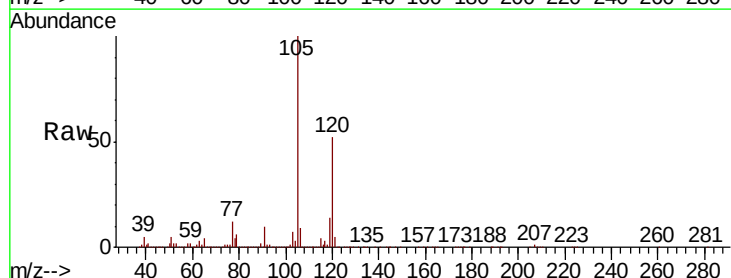
Instrument :
 MSVOA_Y
 ClientSampled :

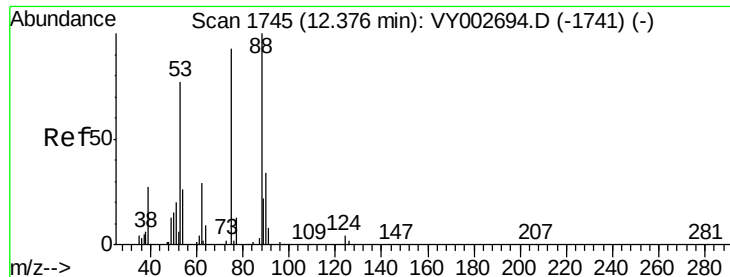
Tot Ion: 91 Resp: 639257
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 50.355 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Tgt Ion: 105 Resp: 830212
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 52.053 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

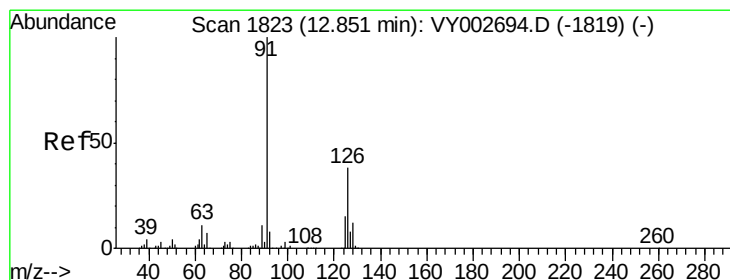
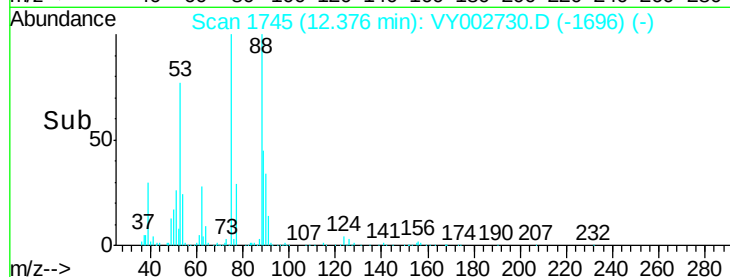
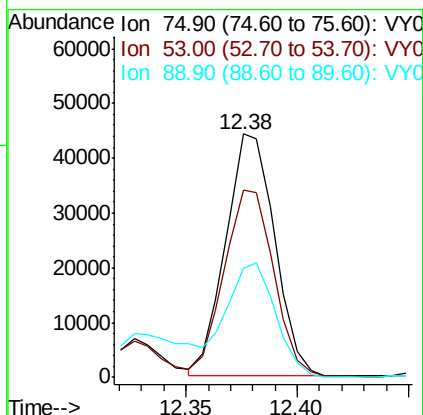
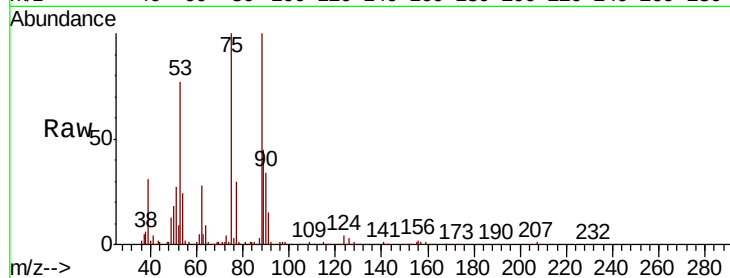
Tot Ion: 75 Resp: 67896

Ion Ratio Lower Upper

75 100

53 77.5 65.0 97.6

89 46.7 66.6 99.8#



#82

4-Chlorotoluene

Concen: 50.466 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002730.D

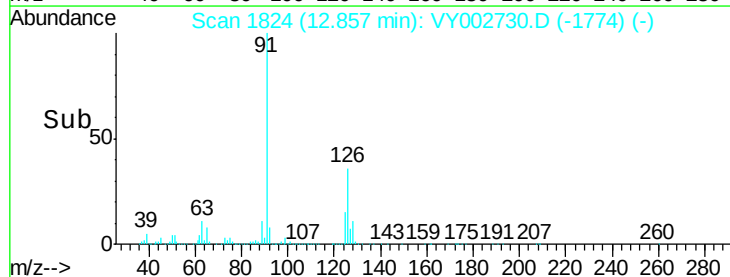
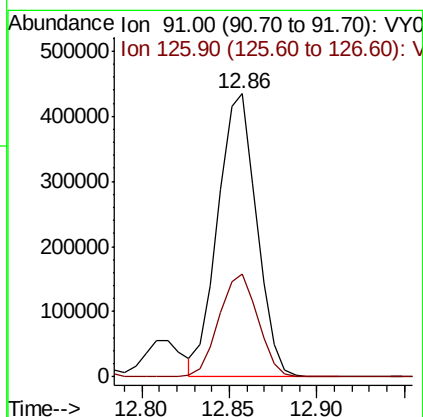
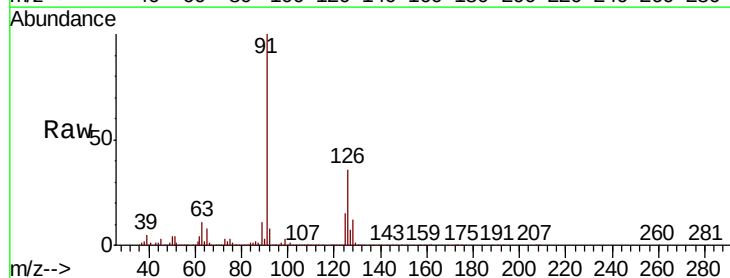
Acq: 20 May 2020 15:33

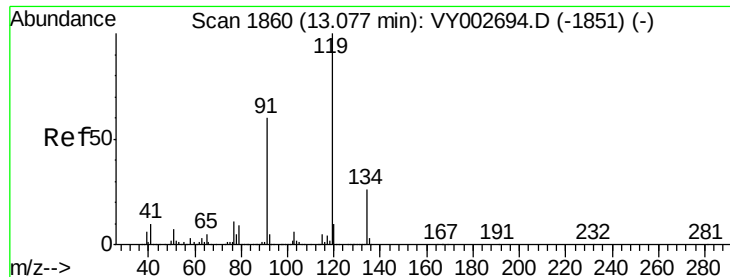
Tgt Ion: 91 Resp: 669251

Ion Ratio Lower Upper

91 100

126 36.6 18.6 56.0





#83

tert-Butylbenzene

Concen: 50.417 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

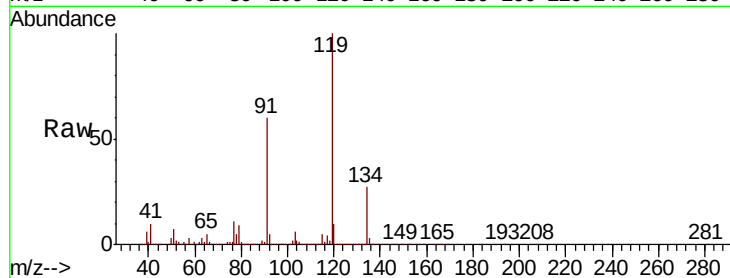
Tot Ion:119 Resp: 735662

Ion Ratio Lower Upper

119 100

91 60.6 30.4 91.2

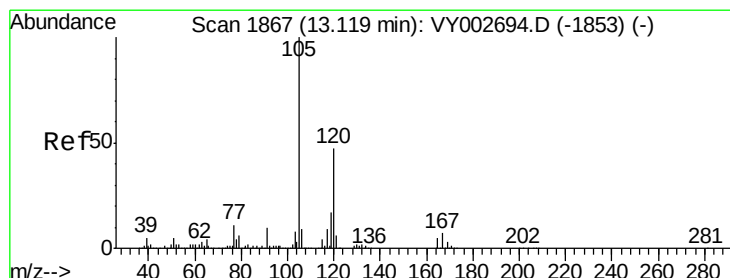
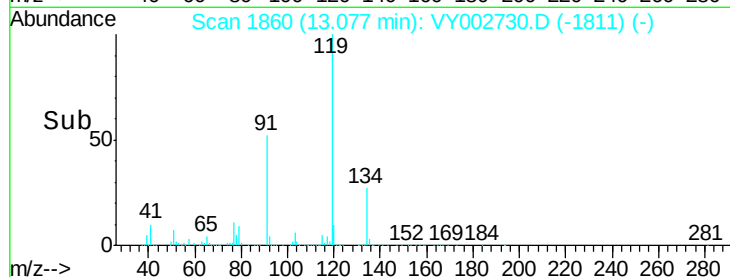
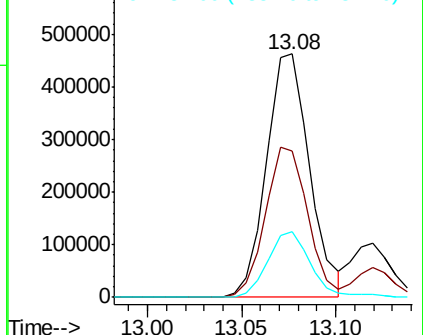
134 27.0 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.370 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002730.D

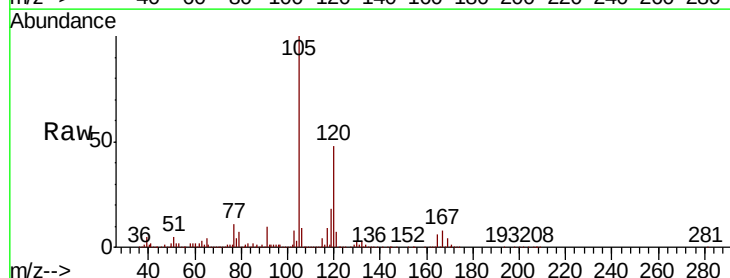
Acq: 20 May 2020 15:33

Tgt Ion:105 Resp: 829972

Ion Ratio Lower Upper

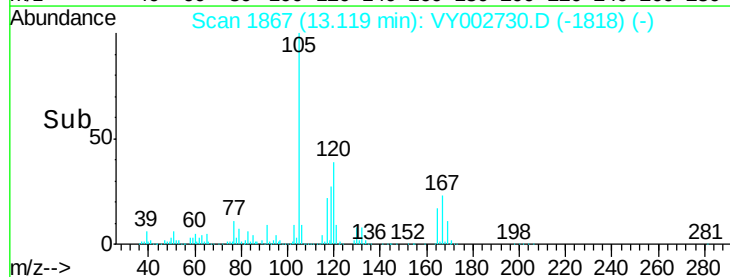
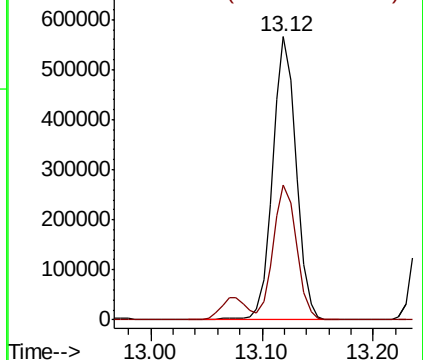
105 100

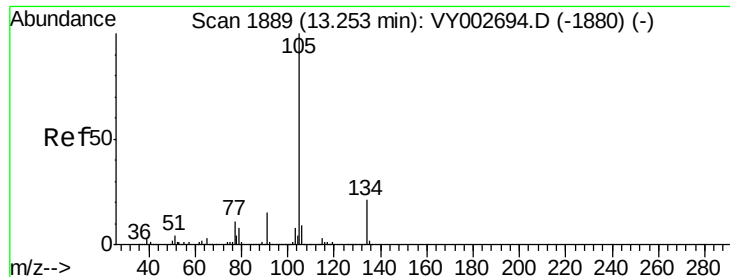
120 47.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.561 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

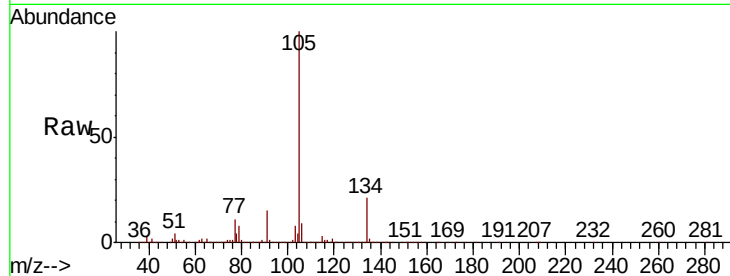
ClientSampleId :

Tot Ion:105 Resp: 1018054

Ion Ratio Lower Upper

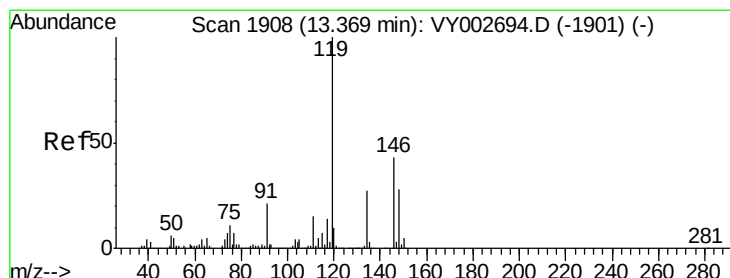
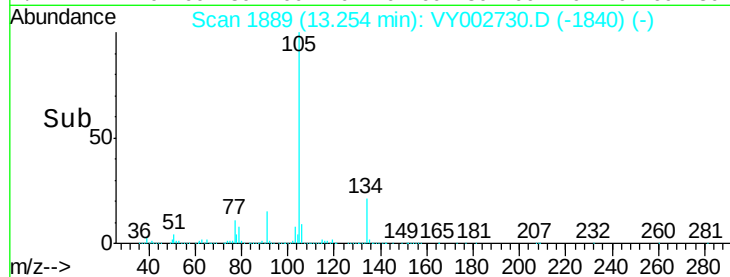
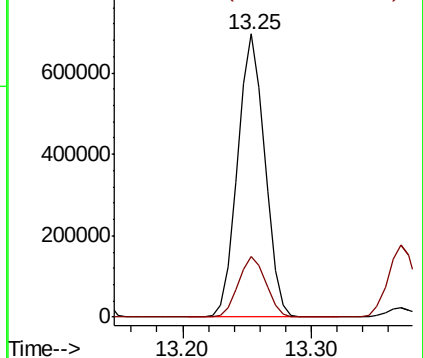
105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.401 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

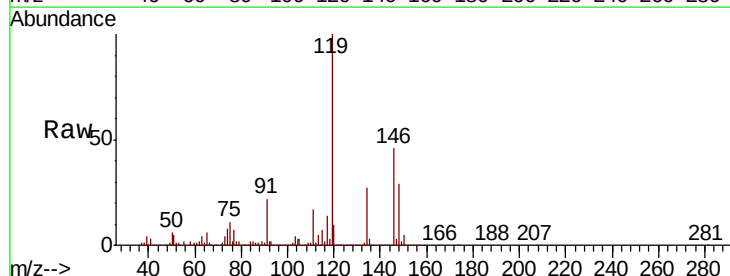
Tgt Ion:119 Resp: 949911

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

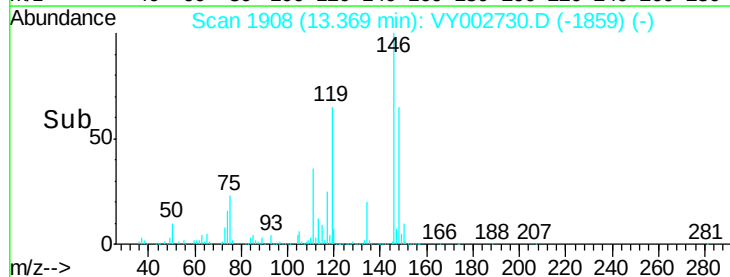
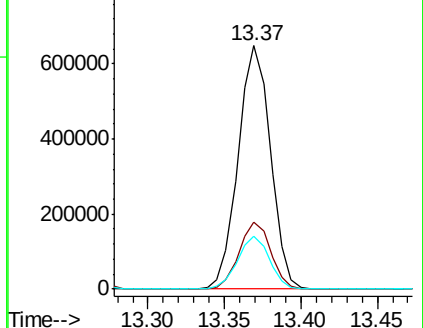
91 21.3 10.8 32.3

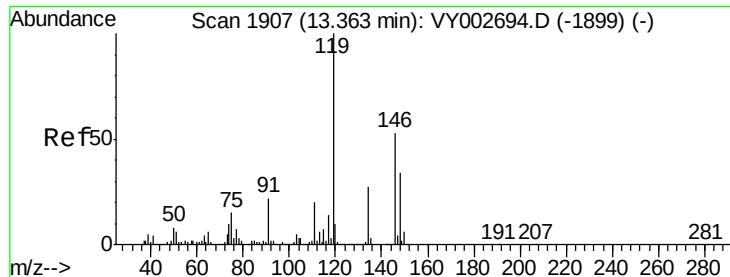


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.079 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

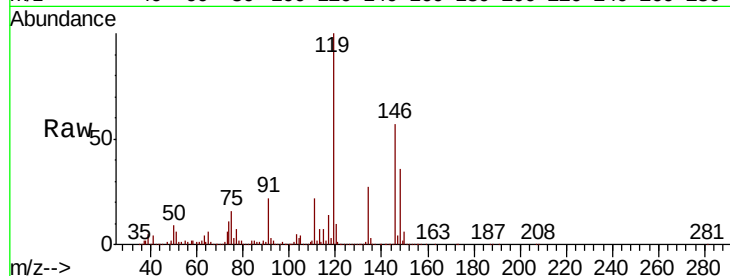
Tot Ion:146 Resp: 473671

Ion Ratio Lower Upper

146 100

111 37.4 18.5 55.5

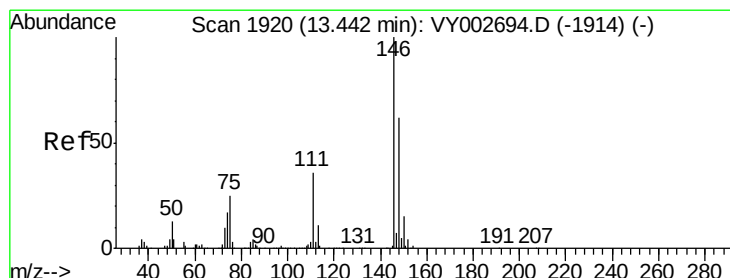
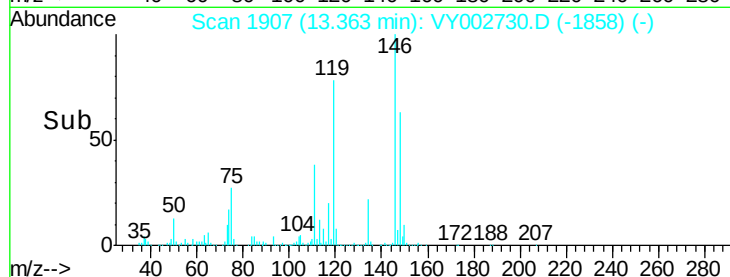
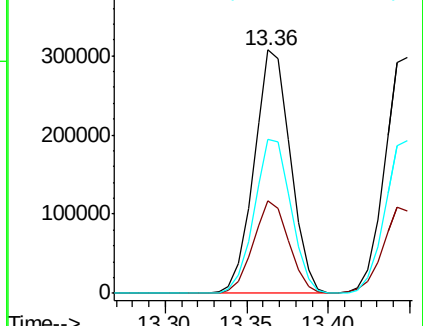
148 63.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.589 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

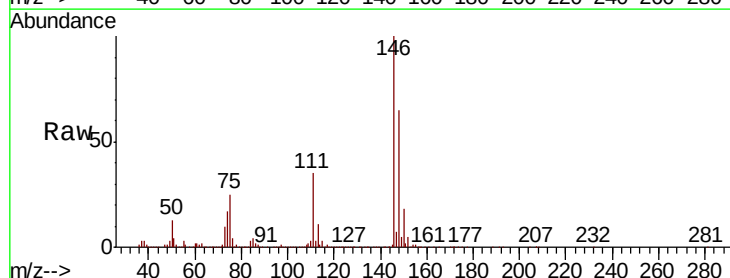
Tgt Ion:146 Resp: 466966

Ion Ratio Lower Upper

146 100

111 36.8 18.1 54.4

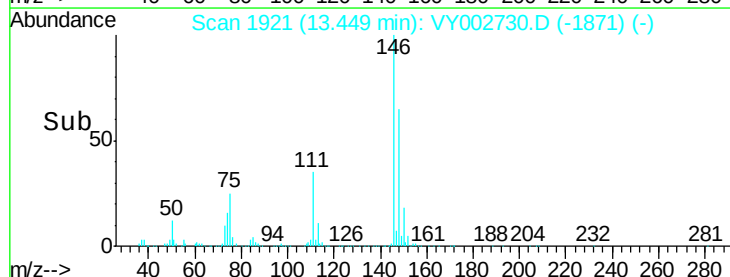
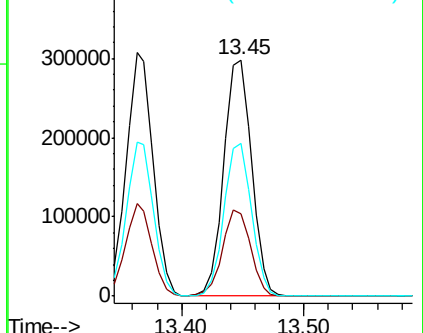
148 64.0 31.8 95.3

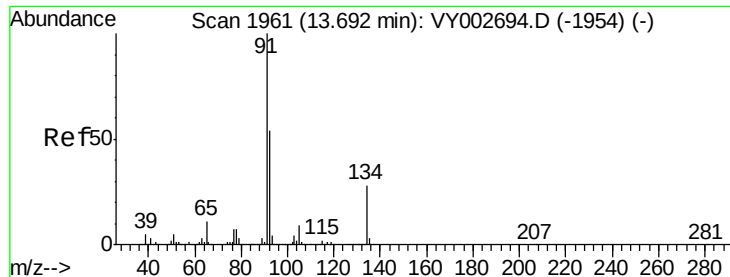


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

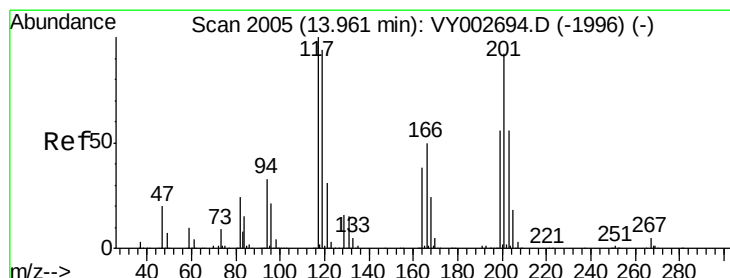
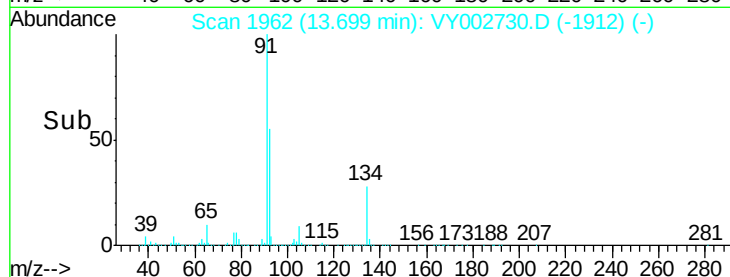
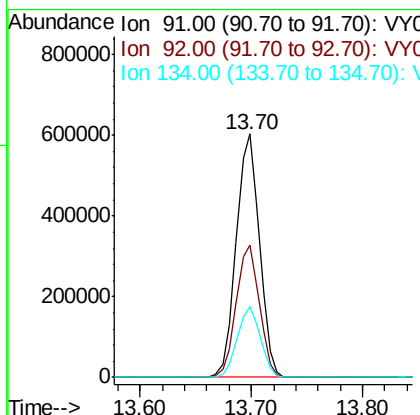
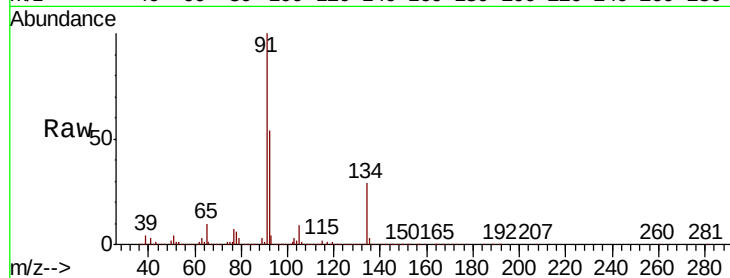




#89
n-Butylbenzene
Concen: 50.085 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

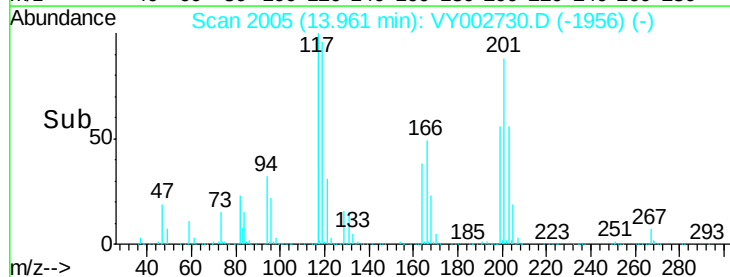
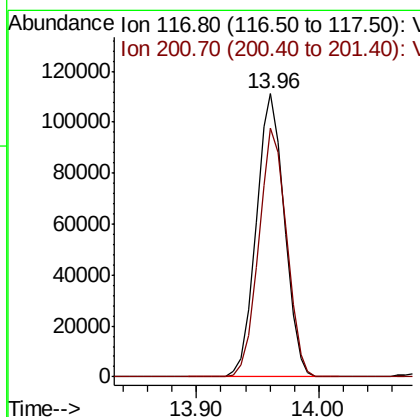
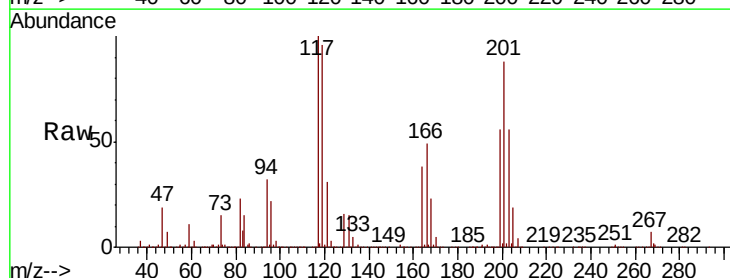
Instrument :
MSVOA_Y
ClientSampleId :

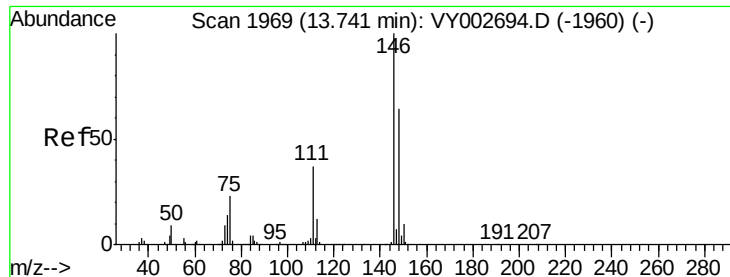
Tot Ion: 91 Resp: 866866
Ion Ratio Lower Upper
91 100
92 54.4 26.8 80.4
134 28.9 14.5 43.5



#90
Hexachloroethane
Concen: 51.013 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002730.D
Acq: 20 May 2020 15:33

Tgt Ion: 117 Resp: 178076
Ion Ratio Lower Upper
117 100
201 87.3 44.9 134.7

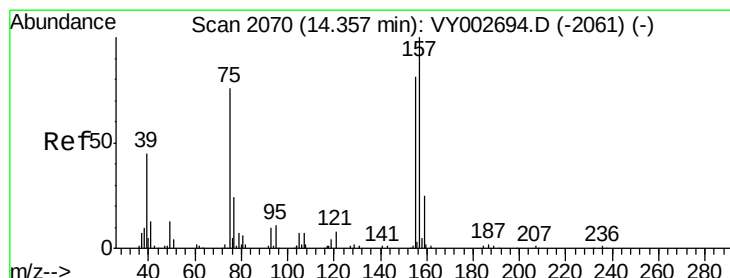
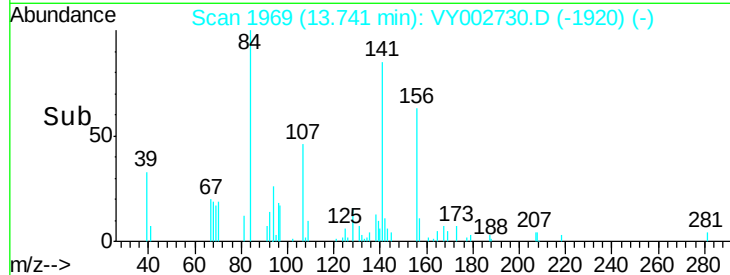
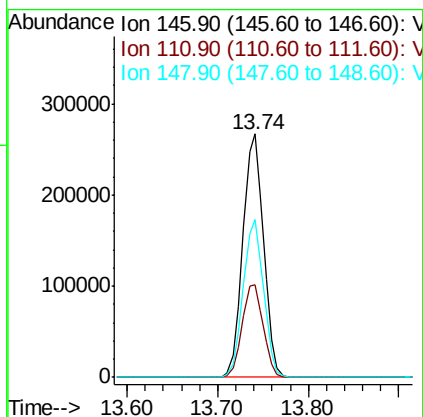
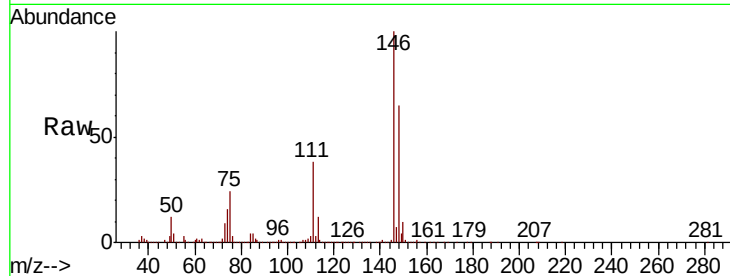




#91
 1,2-Dichlorobenzene
 Concen: 49.724 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

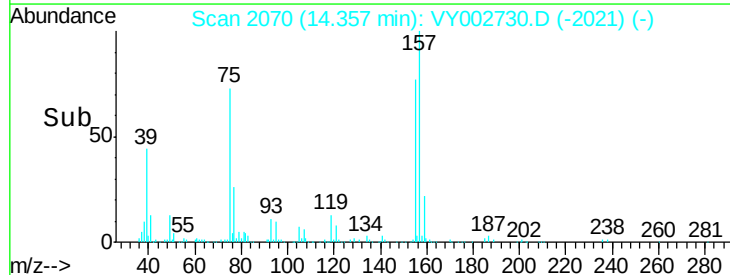
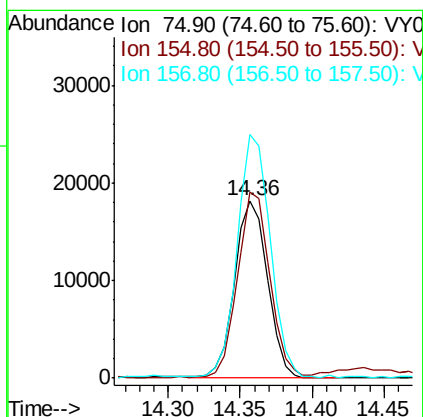
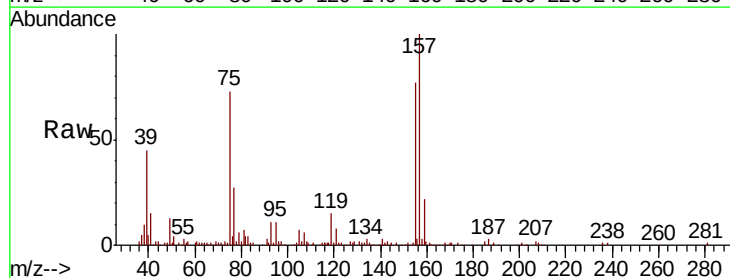
Instrument :
 MSVOA_Y
 ClientSampleId :

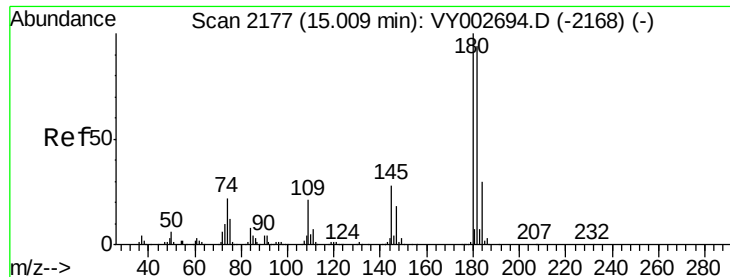
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.1
148	63.8	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.604 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.4	53.5	160.7
157	135.1	67.9	203.7

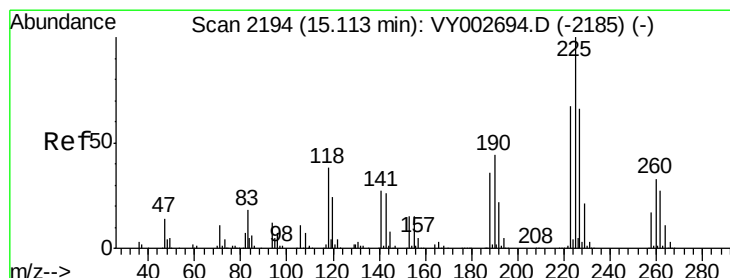
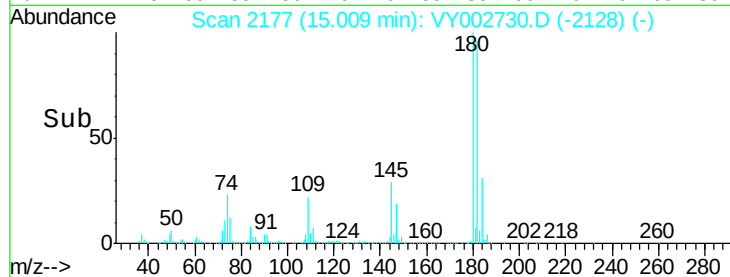
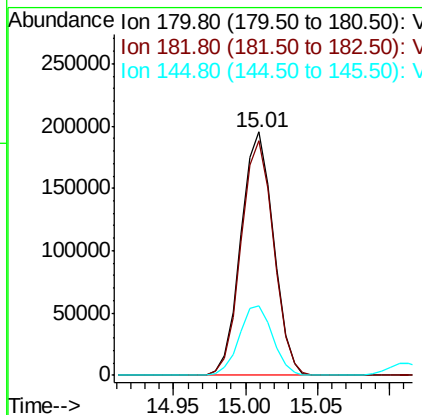
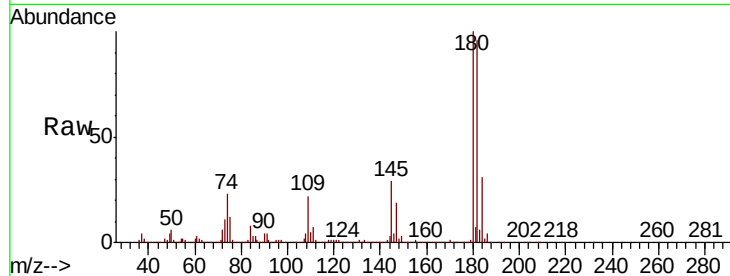




#93
 1,2,4-Trichlorobenzene
 Concen: 50.113 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

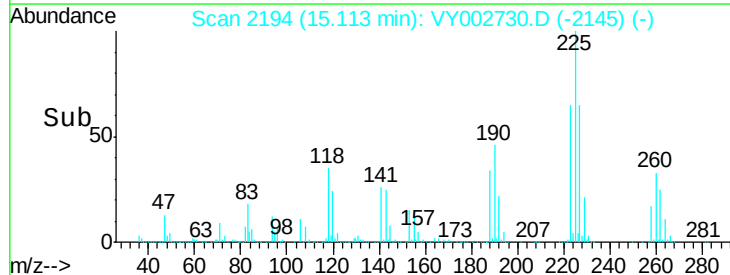
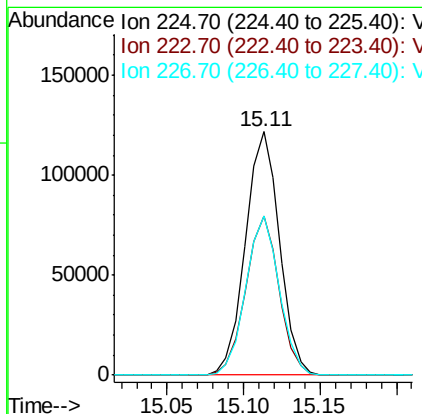
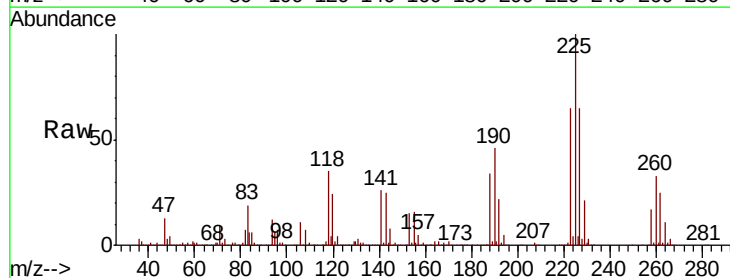
Instrument :
 MSVOA_Y
 ClientSampled :

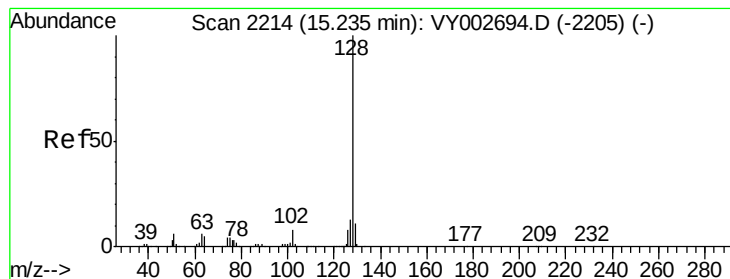
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	142.0
145	29.2	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 51.672 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002730.D
 Acq: 20 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.6	94.8
227	64.2	32.2	96.6





#95

Naphthalene

Concen: 49.019 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

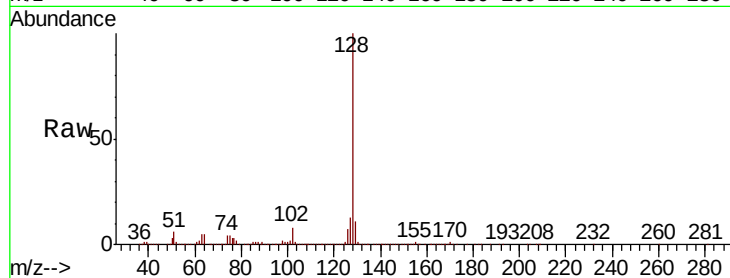
Tot Ion:128 Resp: 572668

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

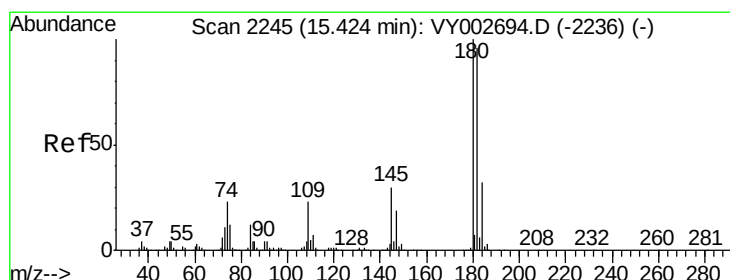
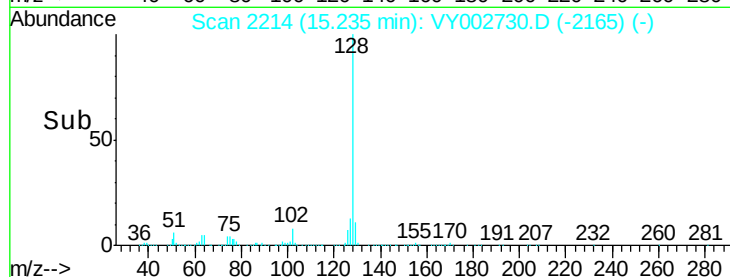
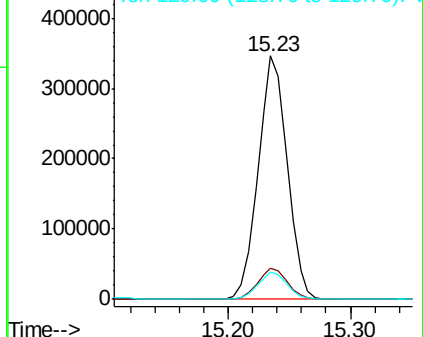
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.465 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002730.D

Acq: 20 May 2020 15:33

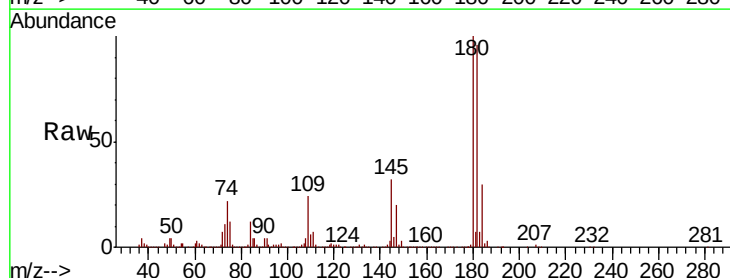
Tgt Ion:180 Resp: 262455

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 31.3 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

