

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002732.D
 Acq On : 21 May 2020 10:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 21 13:28:46 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	410995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	597783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	549913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	278494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	157717	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
35) Dibromofluoromethane	7.72	113	168245	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
50) Toluene-d8	10.18	98	661601	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.48	95	225126	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	138806	47.132	ug/l	97
3) Chloromethane	2.12	50	159170	47.191	ug/l	99
4) Vinyl Chloride	2.26	62	174638	49.690	ug/l	100
5) Bromomethane	2.65	94	121029	46.462	ug/l	94
6) Chloroethane	2.80	64	108205	48.145	ug/l	97
7) Trichlorofluoromethane	3.13	101	283603	47.882	ug/l	99
8) Diethyl Ether	3.54	74	101460	50.355	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	176307	49.105	ug/l	99
10) Methyl Iodide	4.10	142	242675	49.105	ug/l	99
11) Tert butyl alcohol	4.97	59	87545	268.142	ug/l	100
12) 1,1-Dichloroethene	3.88	96	177193	49.152	ug/l	99
13) Acrolein	3.74	56	106701	278.640	ug/l	99
14) Allyl chloride	4.49	41	261928	50.609	ug/l	98
15) Acrylonitrile	5.18	53	244625	268.132	ug/l	100
16) Acetone	3.96	43	186171	280.917	ug/l	97
17) Carbon Disulfide	4.20	76	546534	48.332	ug/l	100
18) Methyl Acetate	4.49	43	100318	53.090	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	458992	51.330	ug/l	99
20) Methylene Chloride	4.72	84	189847	47.390	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	196581	49.039	ug/l	98
22) Diisopropyl ether	6.13	45	520598	50.700	ug/l	97
23) Vinyl Acetate	6.07	43	1735599	263.972	ug/l	99
24) 1,1-Dichloroethane	6.03	63	306600	49.970	ug/l	100
25) 2-Butanone	6.99	43	301025	274.530	ug/l	97
26) 2,2-Dichloropropane	6.99	77	275754	48.302	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	216754	50.042	ug/l	100
28) Bromochloromethane	7.34	49	125736	51.802	ug/l	99
29) Tetrahydrofuran	7.35	42	204799	274.509	ug/l	99
30) Chloroform	7.52	83	312120	49.013	ug/l	98
31) Cyclohexane	7.79	56	295996	47.564	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	289100	49.132	ug/l	100
36) 1,1-Dichloropropene	7.93	75	254341	50.260	ug/l	100
37) Ethyl Acetate	7.08	43	136432	54.814	ug/l	100
38) Carbon Tetrachloride	7.91	117	267319	49.150	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	338751	49.784	ug/l	99
40) Benzene	8.16	78	736352	49.870	ug/l	99
41) Methacrylonitrile	7.35	41	185890	124.309	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	195131	50.106	ug/l	98
43) Isopropyl Acetate	8.28	43	253892	54.888	ug/l	99
44) Trichloroethene	8.94	130	236066	50.156	ug/l	100
45) 1,2-Dichloropropane	9.22	63	178691	50.990	ug/l	100
46) Dibromomethane	9.31	93	100659	51.125	ug/l	99
47) Bromodichloromethane	9.50	83	245733	51.140	ug/l	99
48) Methyl methacrylate	9.30	41	114521	53.771	ug/l	99
49) 1,4-Dioxane	9.30	88	29496	1099.972	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	666352	279.016	ug/l	99
52) Toluene	10.24	92	478056	50.030	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	264505	51.573	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	304977	51.294	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	150972	51.505	ug/l	98
56) Ethyl methacrylate	10.51	69	213513	54.715	ug/l	99
57) 1,3-Dichloropropane	10.79	76	254532	51.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	520393	270.132	ug/l	99
59) 2-Hexanone	10.83	43	471560	283.412	ug/l	99
60) Dibromochloromethane	10.99	129	194118	51.838	ug/l	100
61) 1,2-Dibromoethane	11.09	107	151285	52.385	ug/l	99
64) Tetrachloroethene	10.72	164	254030	48.658	ug/l	99
65) Chlorobenzene	11.52	112	526618	49.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	195864	49.663	ug/l	99
67) Ethyl Benzene	11.59	91	918975	49.254	ug/l	99
68) m/p-Xylenes	11.70	106	713910	98.350	ug/l	99
69) o-Xylene	12.03	106	334434	49.088	ug/l	99
70) Styrene	12.05	104	583844	49.912	ug/l	99
71) Bromoform	12.21	173	126595	51.929	ug/l	99
73) Isopropylbenzene	12.33	105	919970	50.555	ug/l	100
74) N-amyl acetate	12.14	43	234454	54.905	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	147199	54.931	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	231714	101.285	ug/l #	100
77) Bromobenzene	12.61	156	230508	50.667	ug/l	98
78) n-propylbenzene	12.67	91	1062817	50.206	ug/l	100
79) 2-Chlorotoluene	12.75	91	585232	49.844	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	764189	49.978	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66536	55.004	ug/l #	77
82) 4-Chlorotoluene	12.85	91	612281	49.784	ug/l	100
83) tert-Butylbenzene	13.08	119	673288	49.755	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	758538	49.639	ug/l	99
85) sec-Butylbenzene	13.25	105	925230	49.548	ug/l	100
86) p-Isopropyltoluene	13.37	119	866414	49.570	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	433239	49.390	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	428780	49.099	ug/l	99
89) n-Butylbenzene	13.70	91	788938	49.151	ug/l	99
90) Hexachloroethane	13.96	117	159772	49.352	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	388190	49.345	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27199	52.929	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 2020
Response via : Initial Calibration

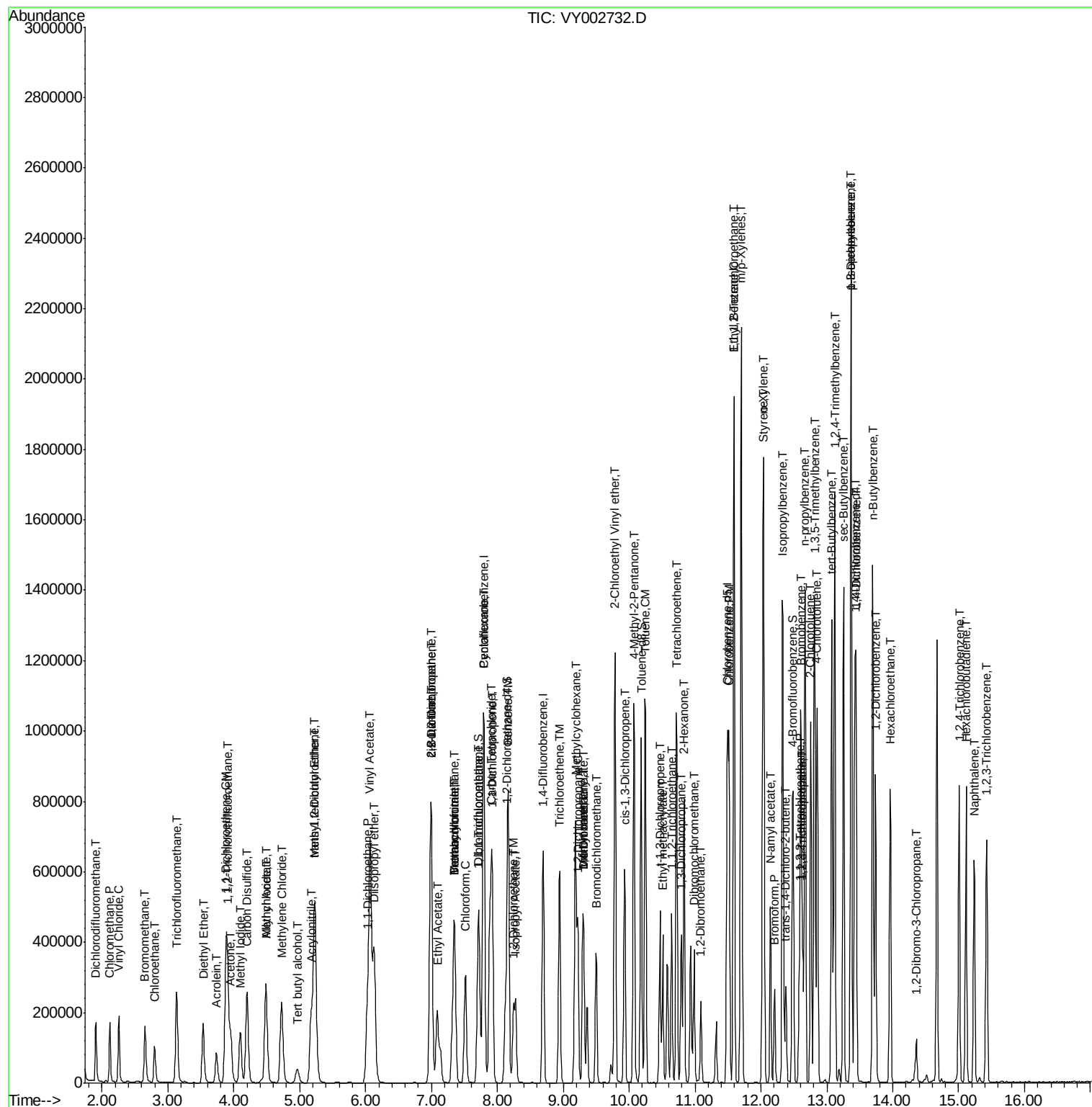
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	287561	50.780	ug/l	100
94) Hexachlorobutadiene	15.11	225	167651	49.506	ug/l	99
95) Naphthalene	15.23	128	533849	49.274	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	240115	49.735	ug/l	99

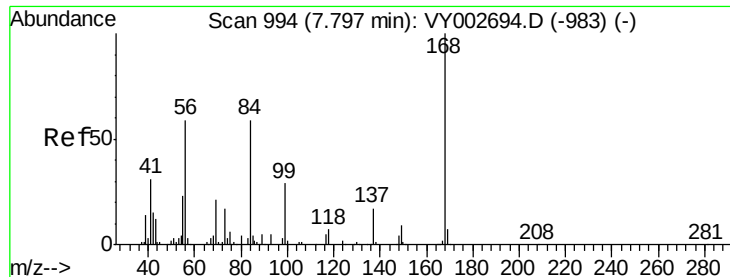
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

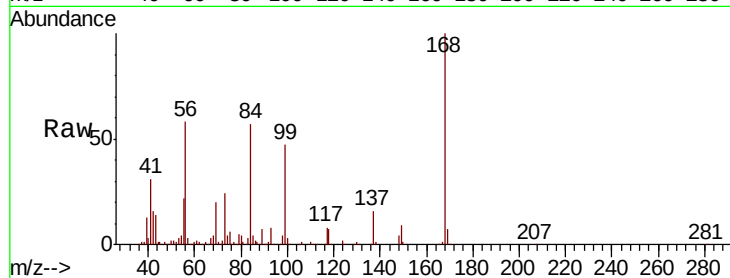
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 410995

Ion Ratio Lower Upper

168 100

99 46.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002732.D (-1) (-)

Ion 98.90 (98.60 to 99.60): VY002732.D (-1) (-)

7.80

200000

150000

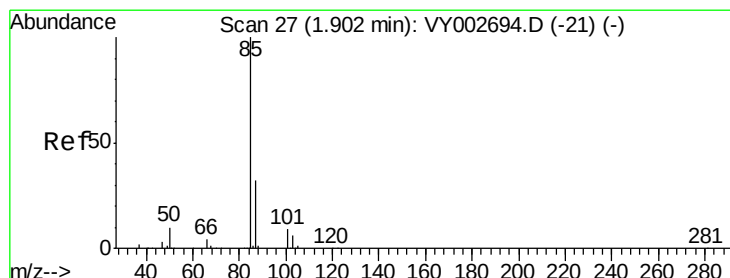
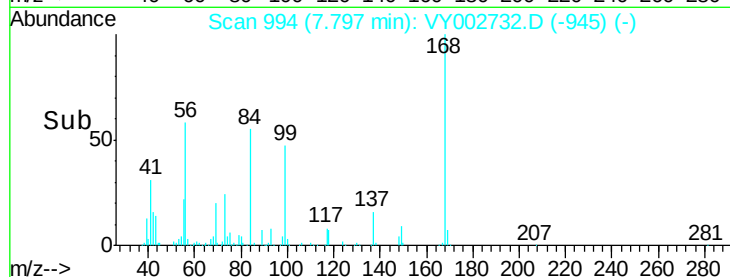
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.132 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002732.D

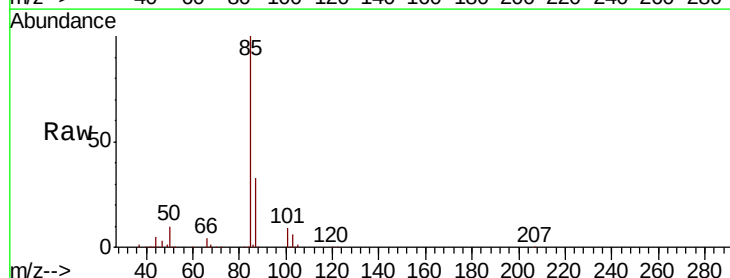
Acq: 21 May 2020 10:39

Tgt Ion: 85 Resp: 138806

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002732.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002732.D (-1) (-)

1.91

100000

80000

60000

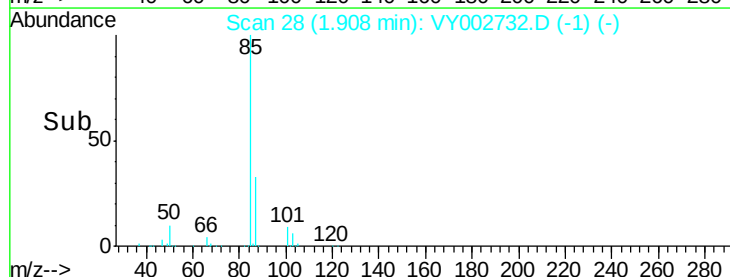
40000

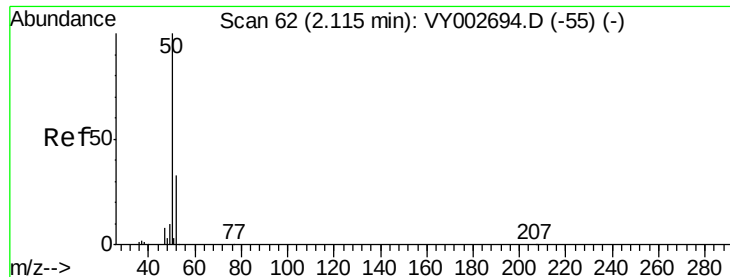
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.191 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

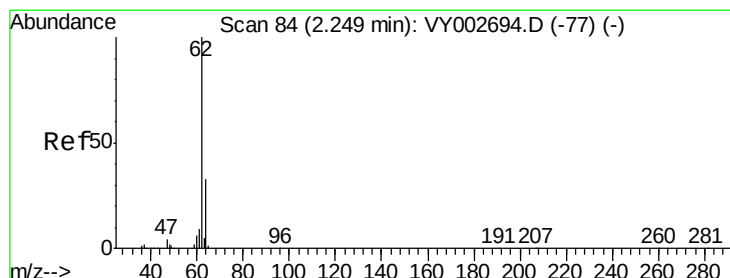
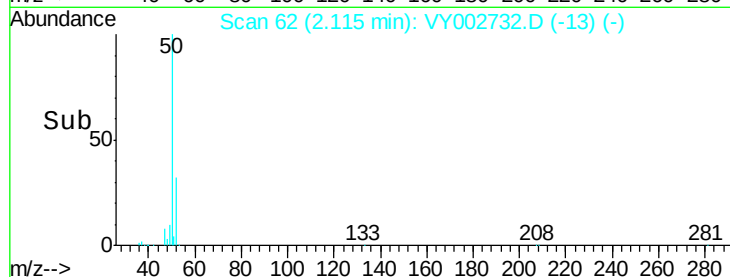
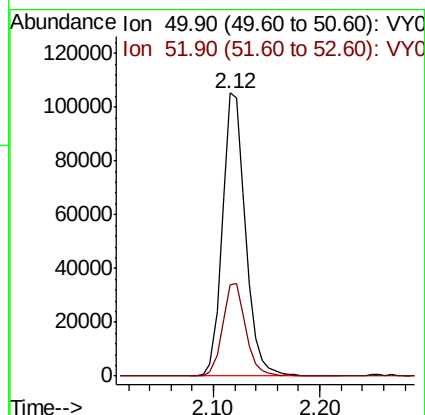
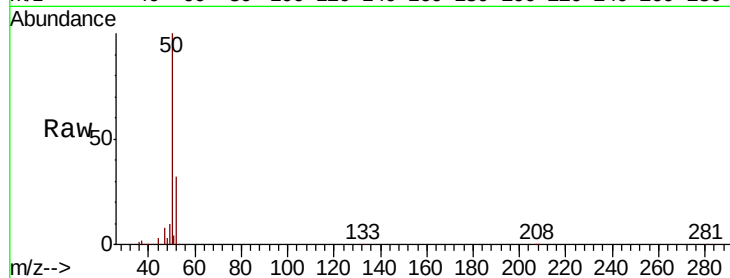
ClientSampleId :

Tot Ion: 50 Resp: 159170

Ion Ratio Lower Upper

50 100

52 32.3 26.3 39.5



#4

Vinyl Chloride

Concen: 49.690 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002732.D

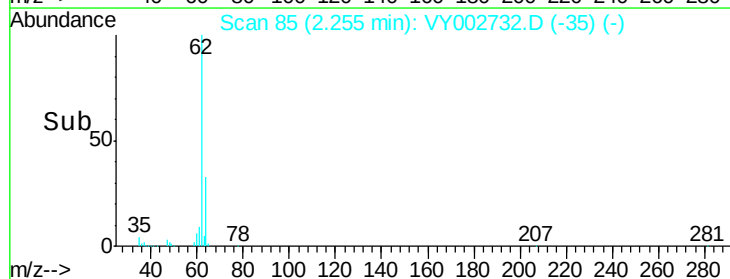
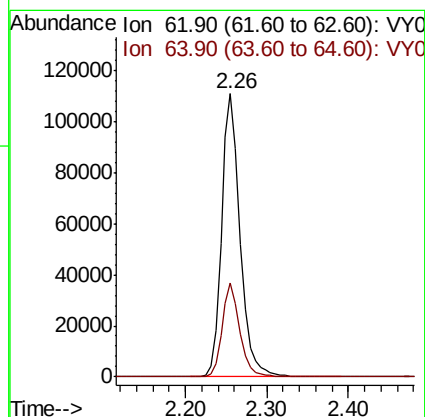
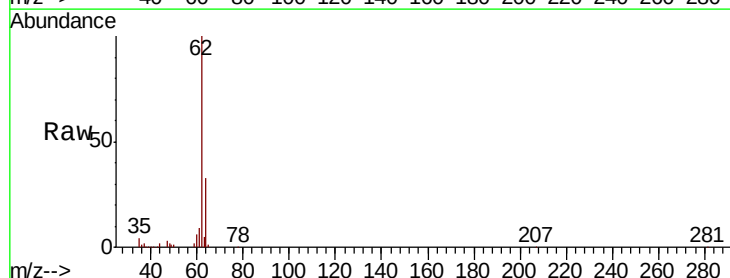
Acq: 21 May 2020 10:39

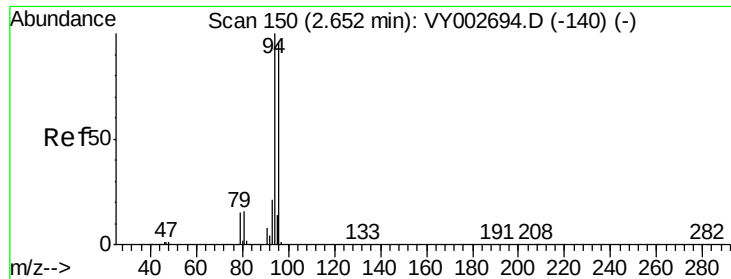
Tgt Ion: 62 Resp: 174638

Ion Ratio Lower Upper

62 100

64 33.1 26.2 39.4





#5

Bromomethane

Concen: 46.462 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

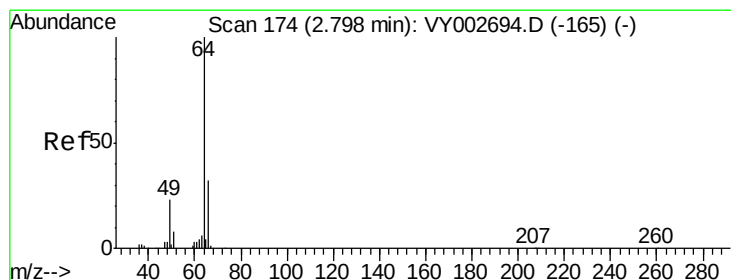
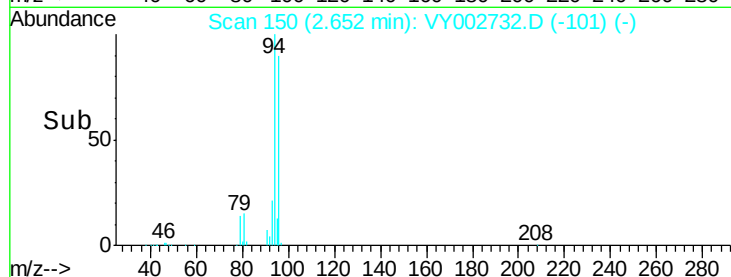
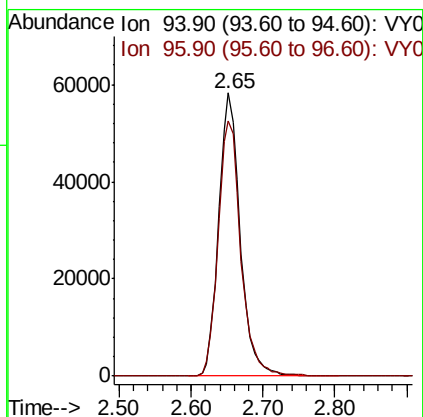
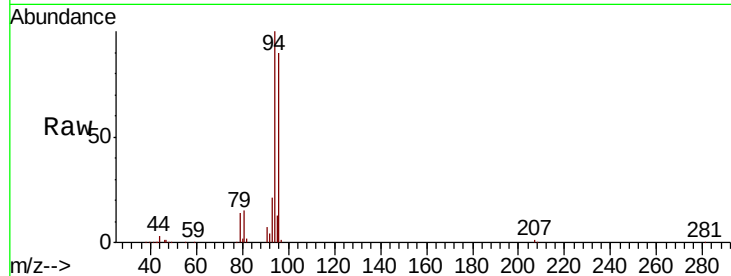
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 121029

Ion Ratio Lower Upper

94 100

96 89.9 76.8 115.2



#6

Chloroethane

Concen: 48.145 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002732.D

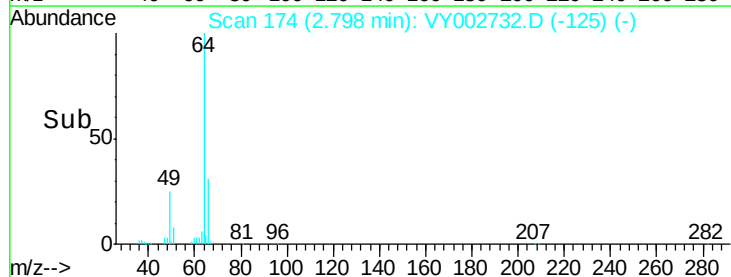
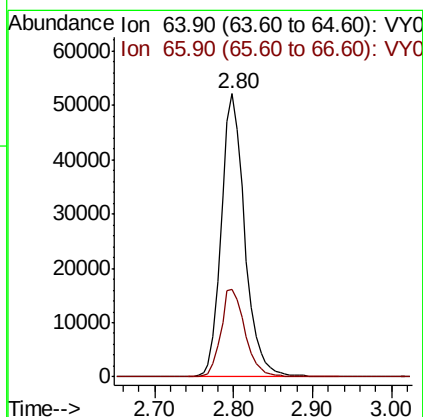
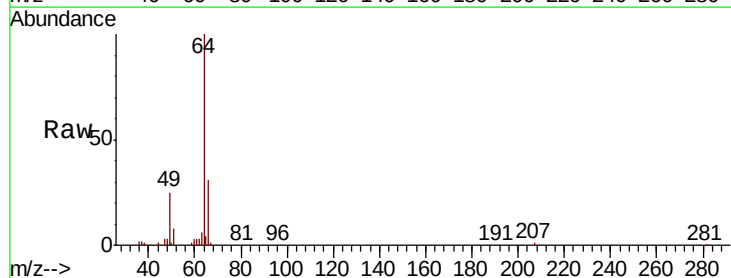
Acq: 21 May 2020 10:39

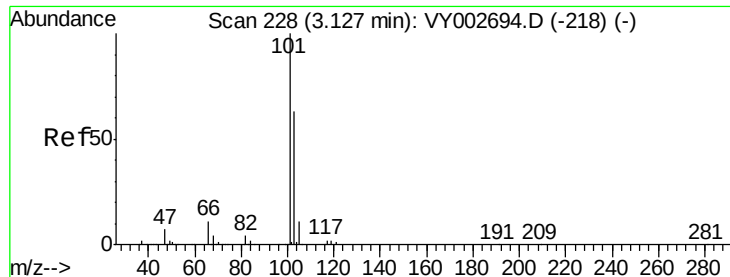
Tgt Ion: 64 Resp: 108205

Ion Ratio Lower Upper

64 100

66 30.9 25.9 38.9



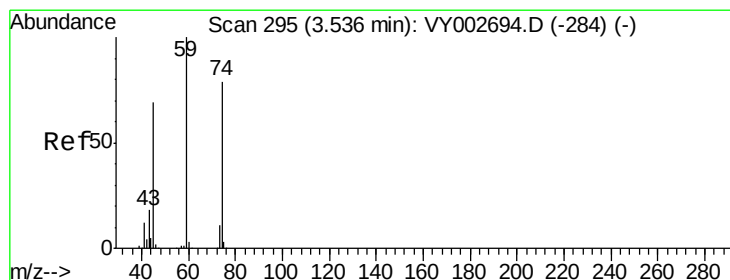
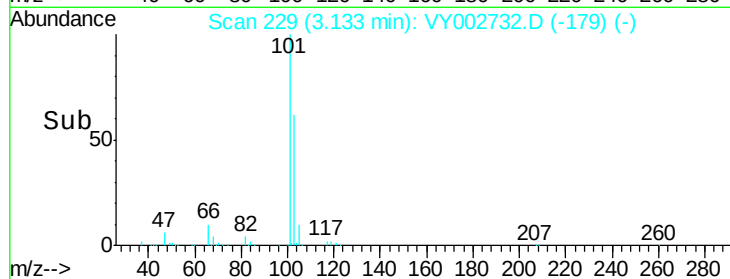
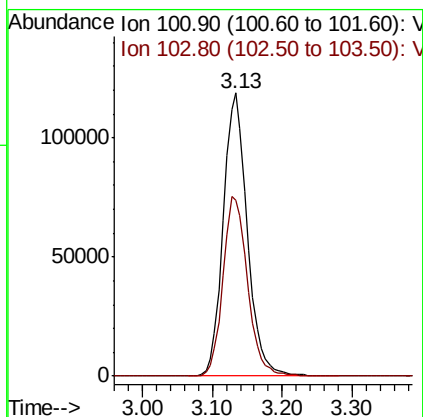
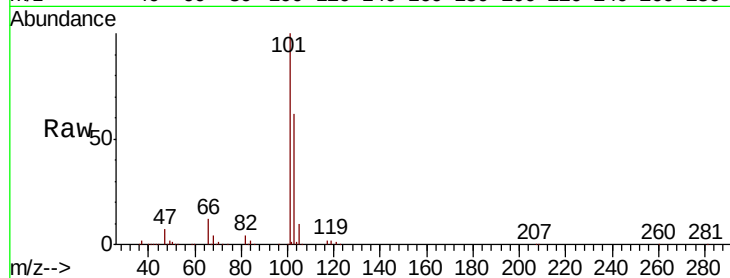


#7

Trichlorofluoromethane
Concen: 47.882 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Instrument :
MSVOA_Y
ClientSampled :

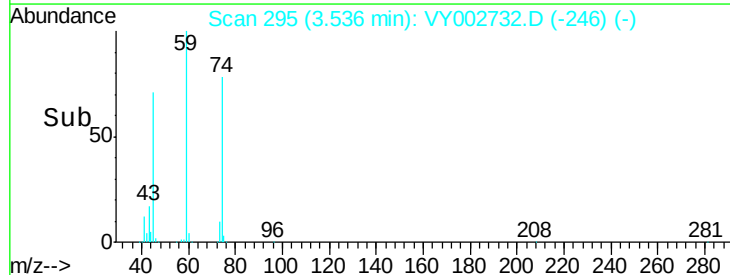
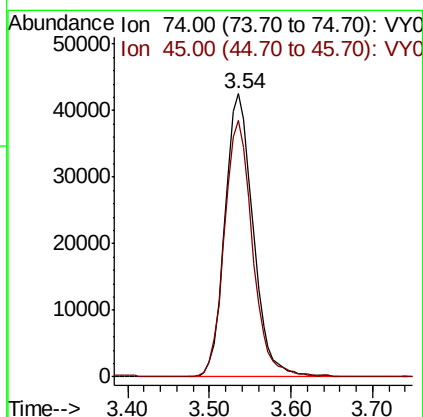
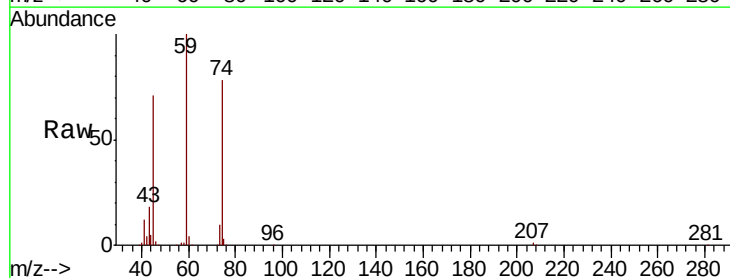
Tot Ion:101 Resp: 283603
Ion Ratio Lower Upper
101 100
103 62.3 50.6 75.8

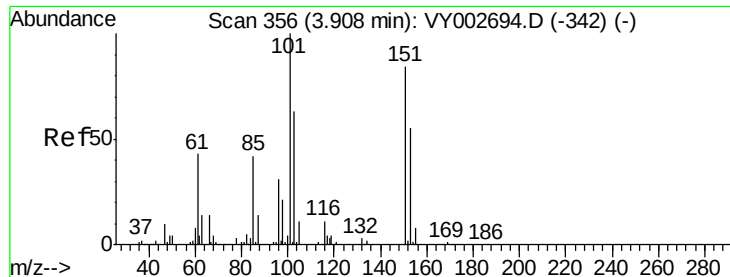


#8

Diethyl Ether
Concen: 50.355 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion: 74 Resp: 101460
Ion Ratio Lower Upper
74 100
45 90.5 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.105 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampled :

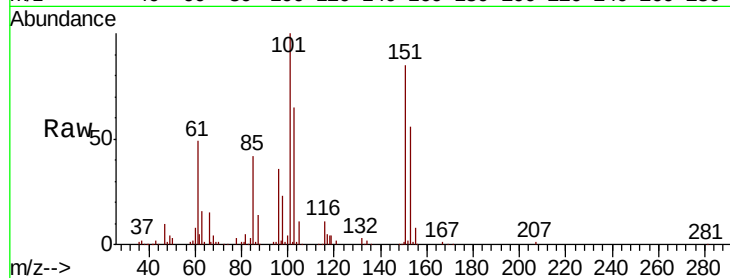
Tot Ion:101 Resp: 176307

Ion Ratio Lower Upper

101 100

85 41.0 33.5 50.3

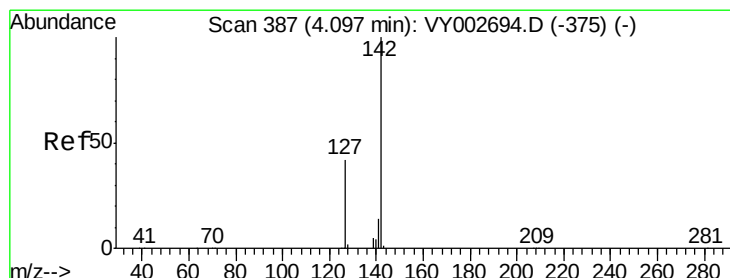
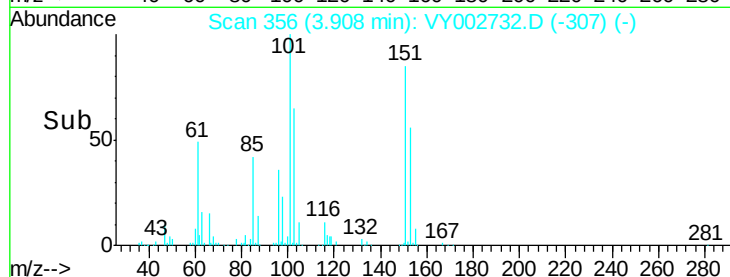
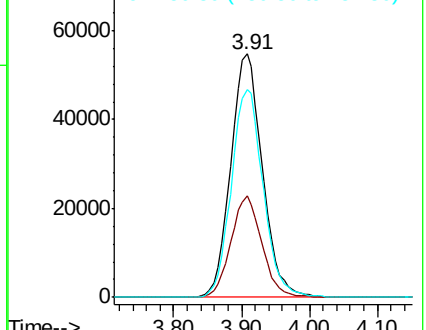
151 86.3 69.6 104.4



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: 49.105 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

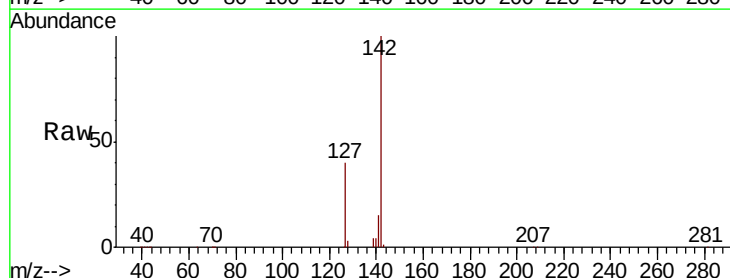
Tgt Ion:142 Resp: 242675

Ion Ratio Lower Upper

142 100

127 40.3 32.8 49.2

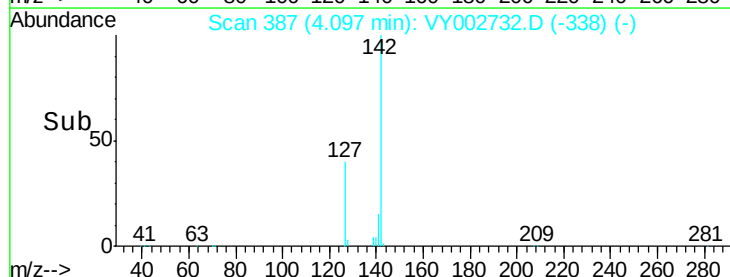
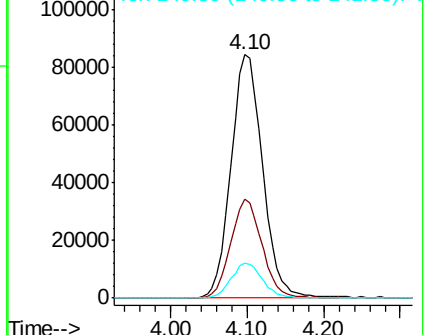
141 14.4 11.3 16.9

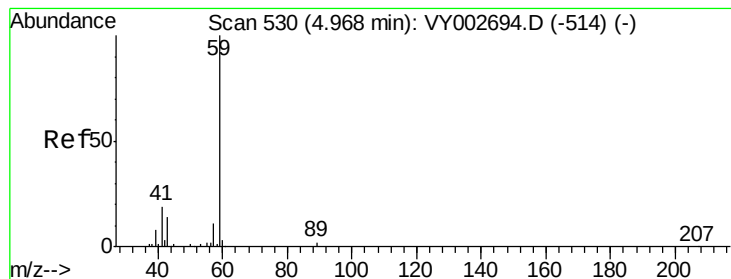


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



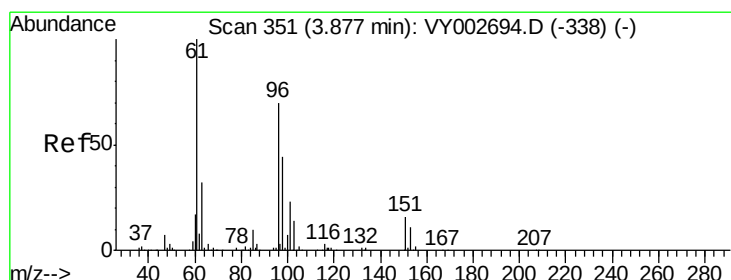
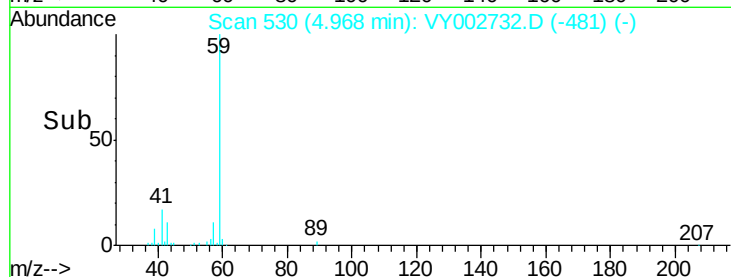
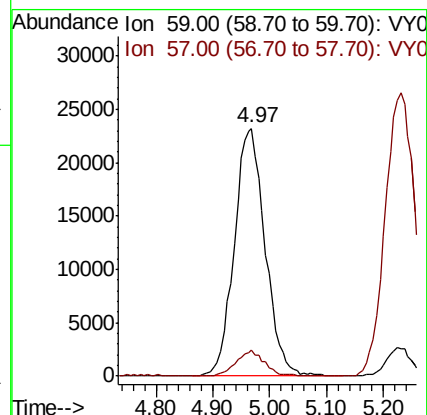
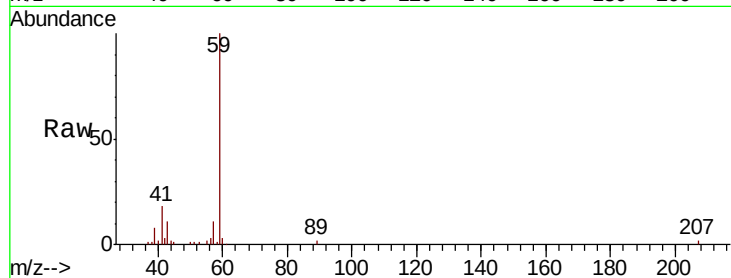


#11

Tert butyl alcohol
 Concen: 268.142 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

Instrument :
 MSVOA_Y
 ClientSampleId :

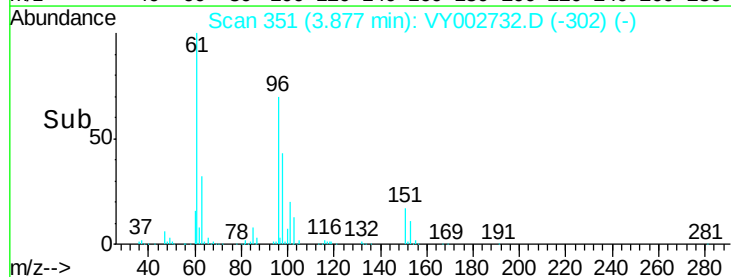
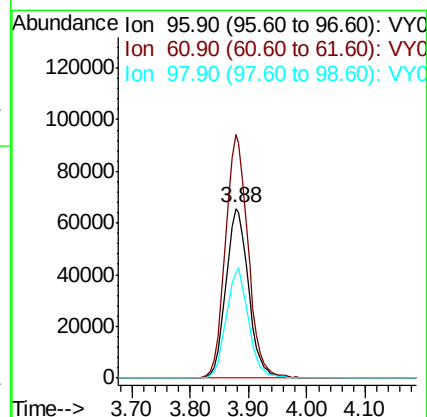
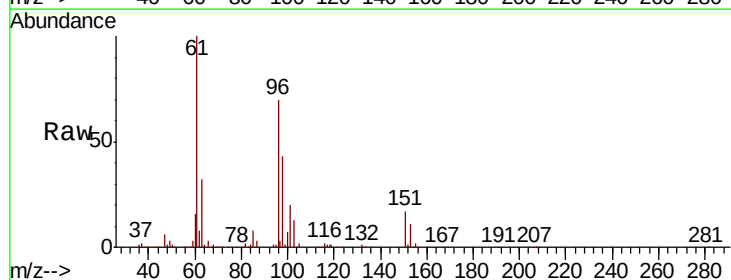
Tot Ion: 59 Resp: 87545
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.7 11.5

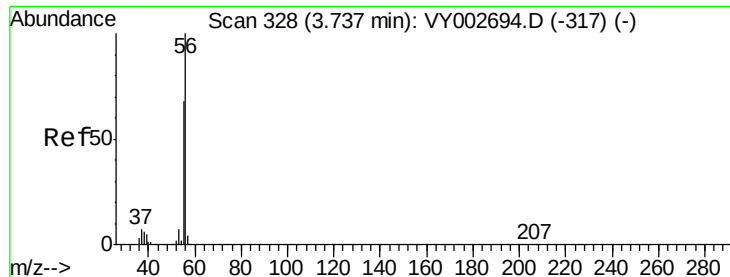


#12

1,1-Dichloroethene
 Concen: 49.152 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

Tgt Ion: 96 Resp: 177193
 Ion Ratio Lower Upper
 96 100
 61 143.7 113.8 170.8
 98 62.2 50.4 75.6





#13

Acrolein

Concen: 278.640 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

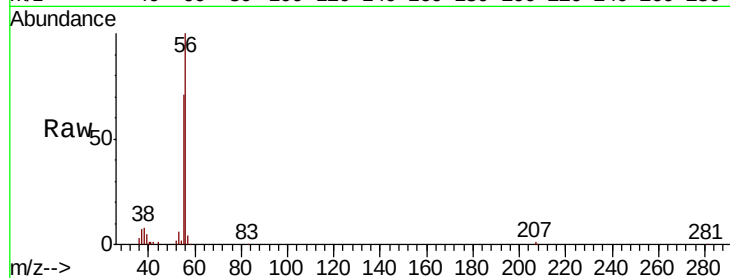
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 106701

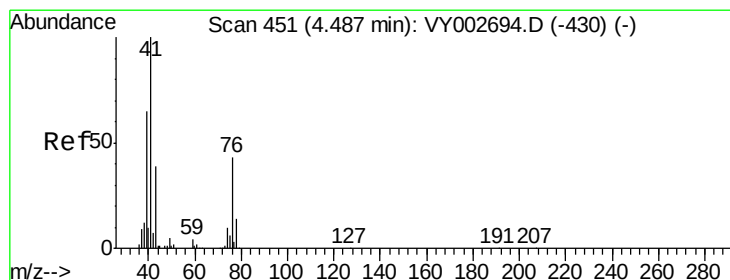
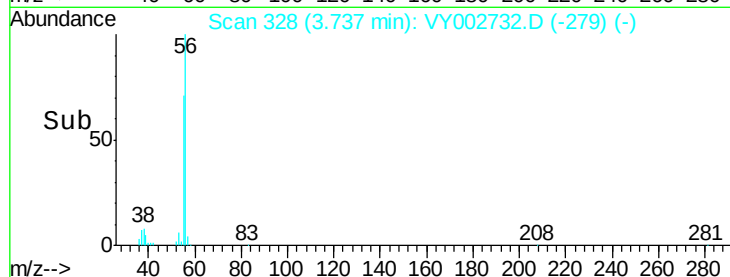
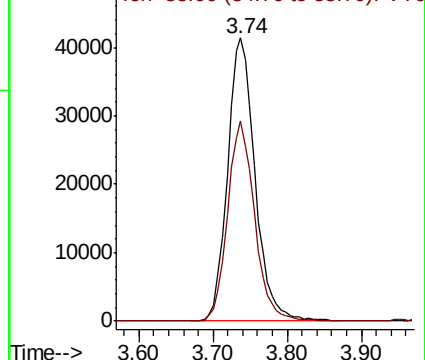
Ion Ratio Lower Upper

56 100

55 69.3 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 50.609 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

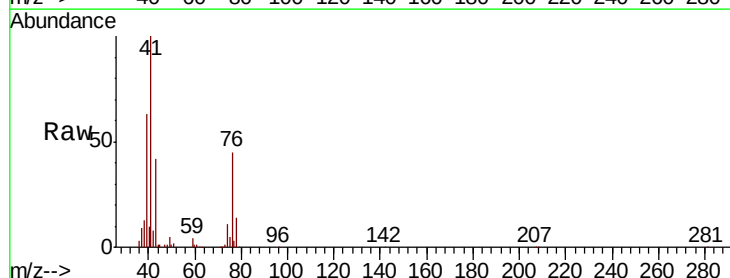
Tgt Ion: 41 Resp: 261928

Ion Ratio Lower Upper

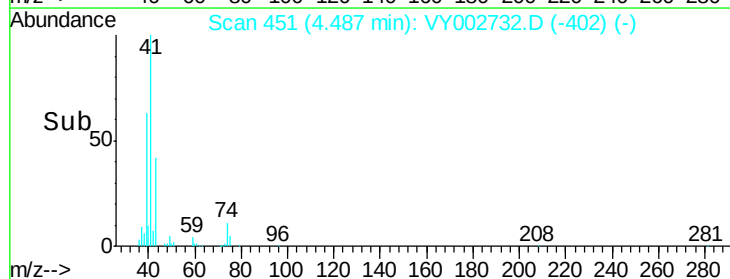
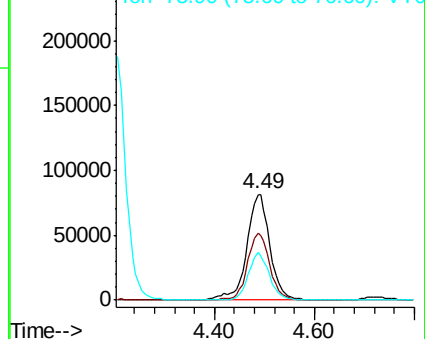
41 100

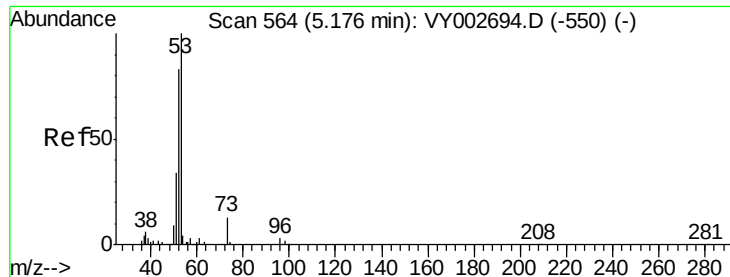
39 60.9 50.3 75.5

76 40.5 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 268.132 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

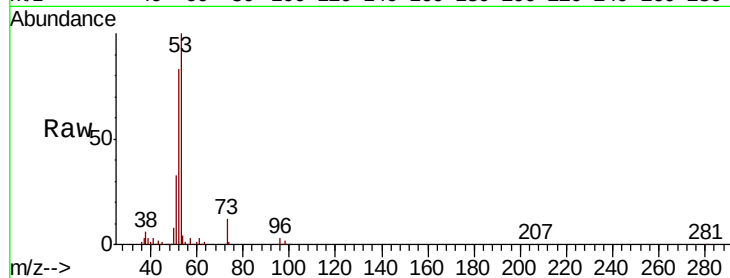
Tot Ion: 53 Resp: 244625

Ion Ratio Lower Upper

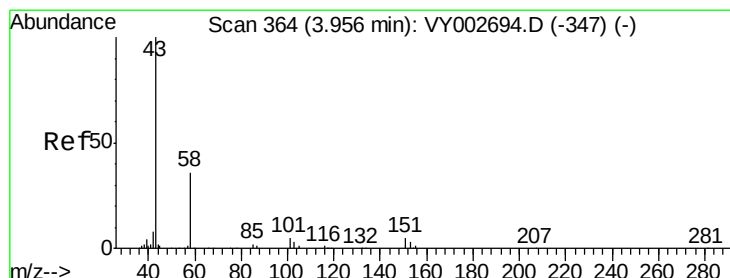
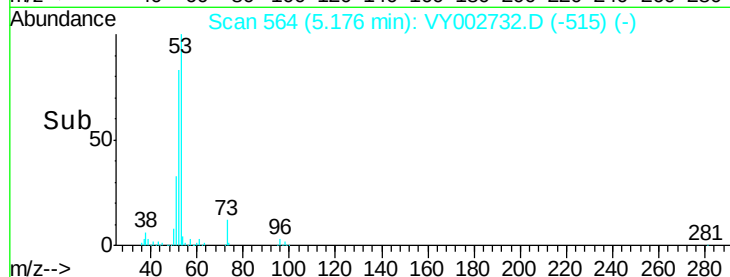
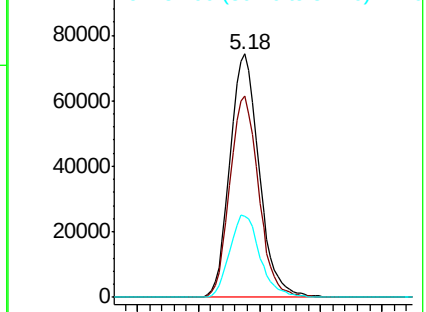
53 100

52 81.4 65.0 97.6

51 35.2 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: 280.917 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002732.D

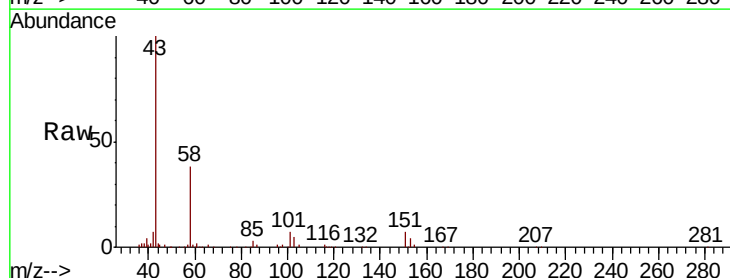
Acq: 21 May 2020 10:39

Tgt Ion: 43 Resp: 186171

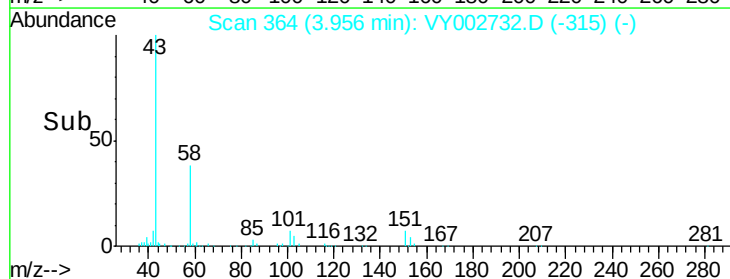
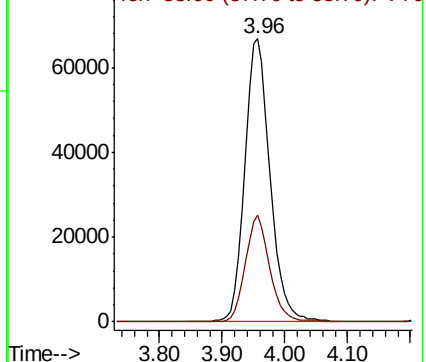
Ion Ratio Lower Upper

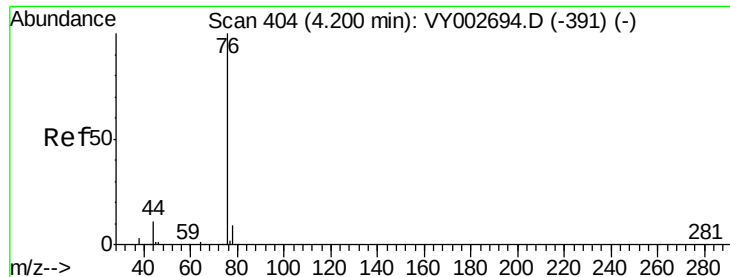
43 100

58 37.4 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: 48.332 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

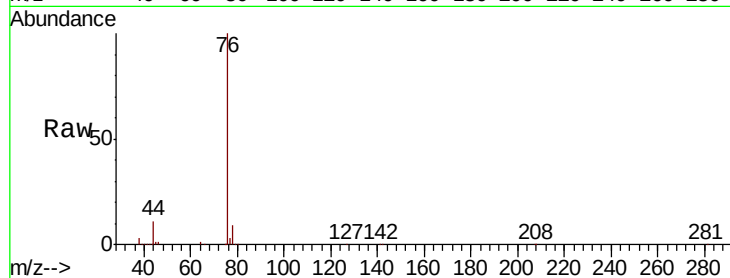
ClientSampleId :

Tot Ion: 76 Resp: 546534

Ion Ratio Lower Upper

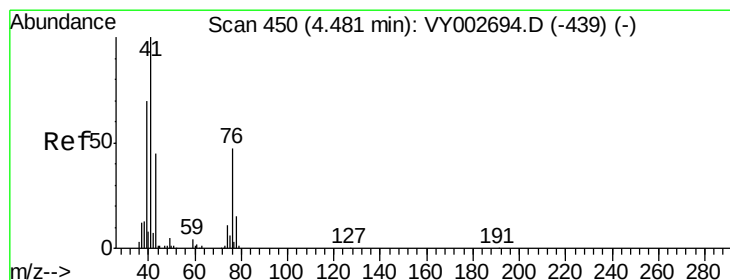
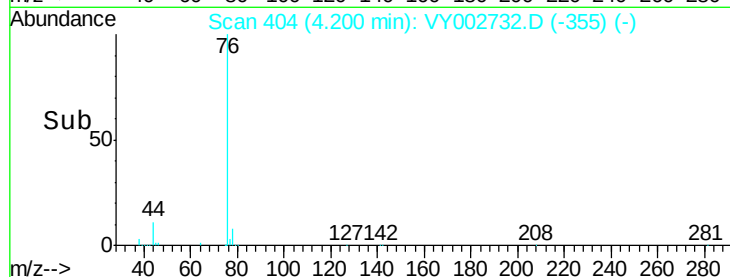
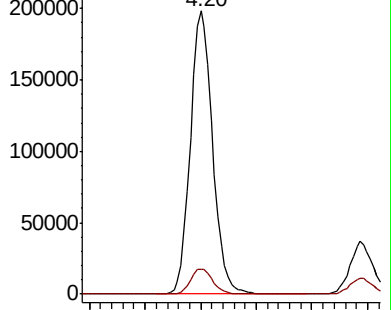
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 53.090 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002732.D

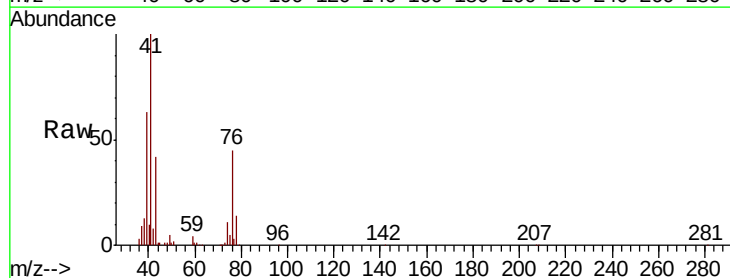
Acq: 21 May 2020 10:39

Tgt Ion: 43 Resp: 100318

Ion Ratio Lower Upper

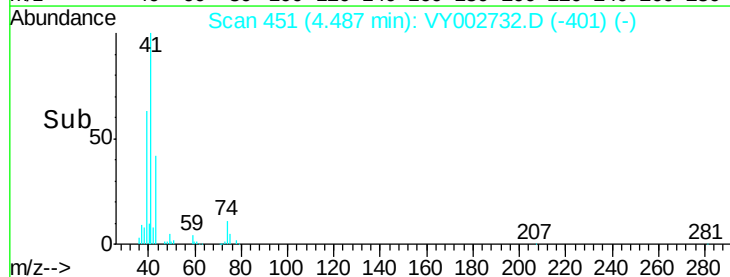
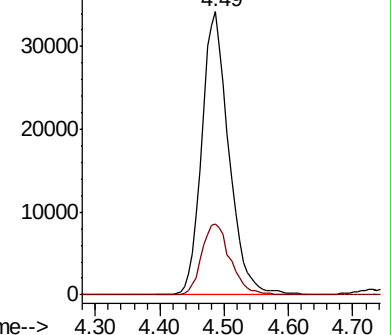
43 100

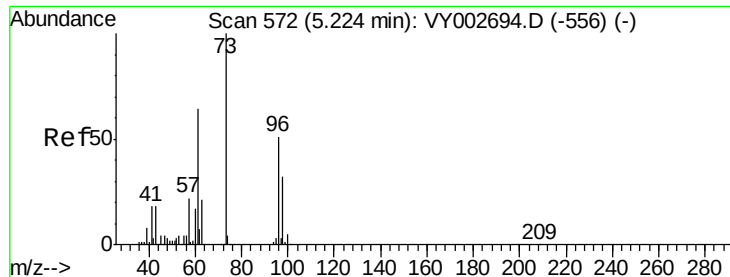
74 26.3 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

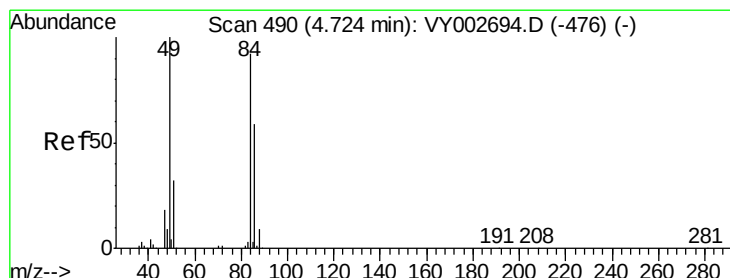
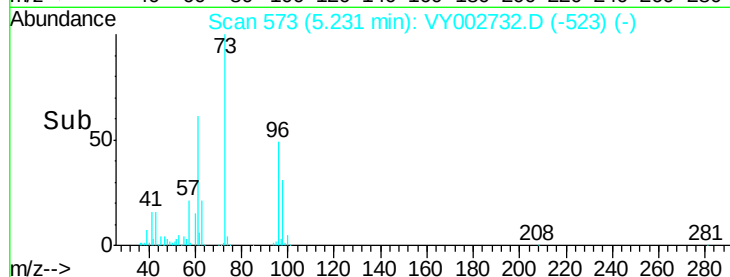
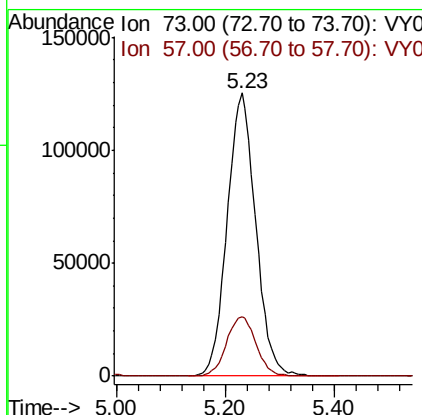
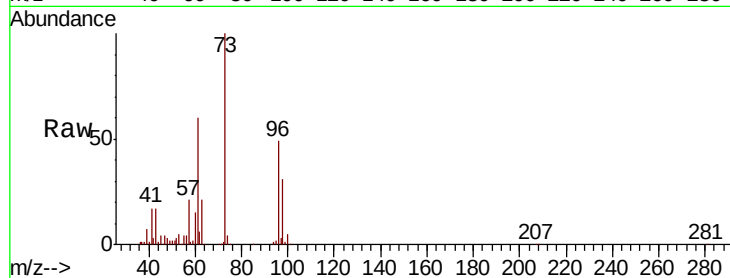




#19
Methyl tert-butyl Ether
Concen: 51.330 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

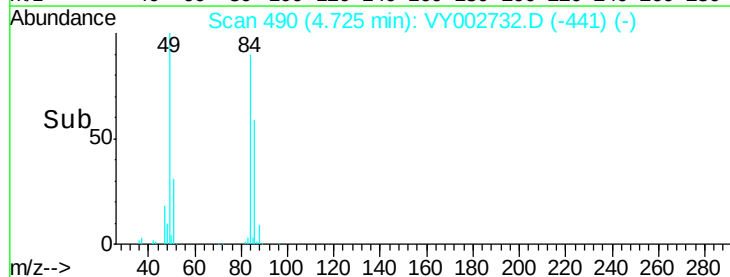
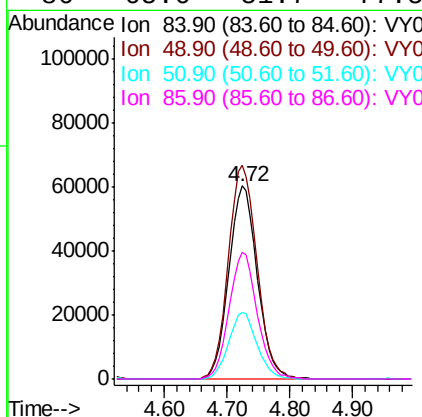
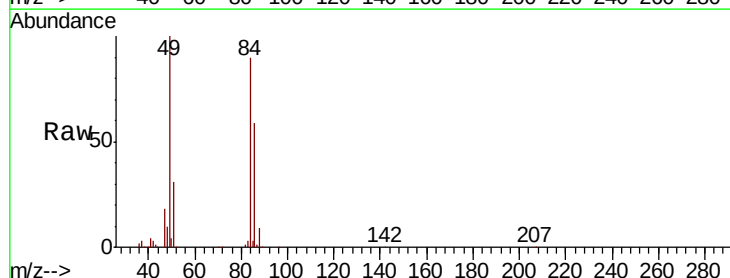
Instrument :
MSVOA_Y
ClientSampleId :

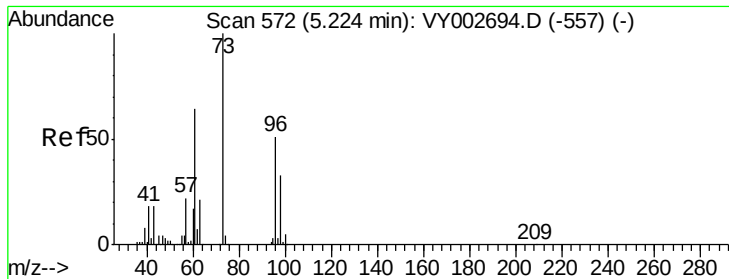
Tot Ion: 73 Resp: 458992
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 47.390 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion: 84 Resp: 189847
Ion Ratio Lower Upper
84 100
49 110.6 87.4 131.0
51 34.3 27.9 41.9
86 65.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 49.039 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :
MSVOA_Y
ClientSampled :

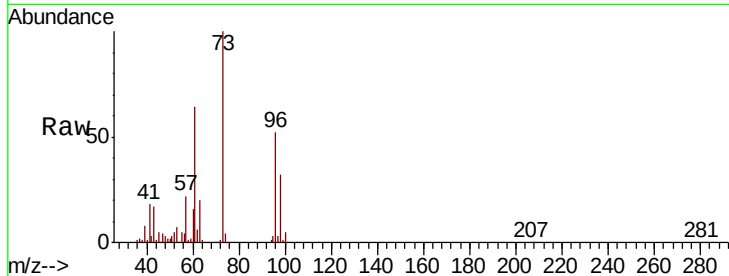
Tot Ion: 96 Resp: 196581

Ion Ratio Lower Upper

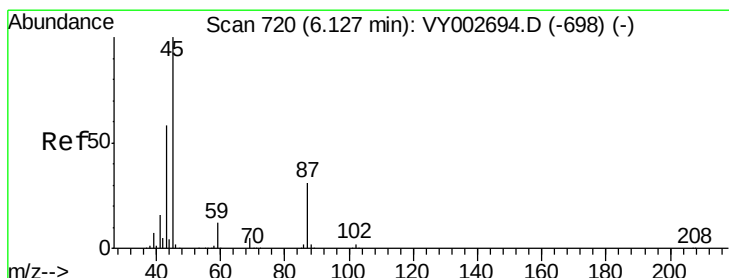
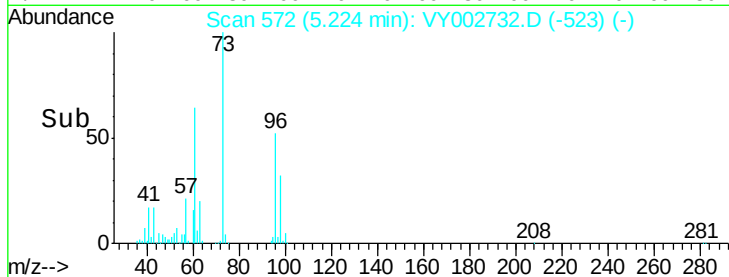
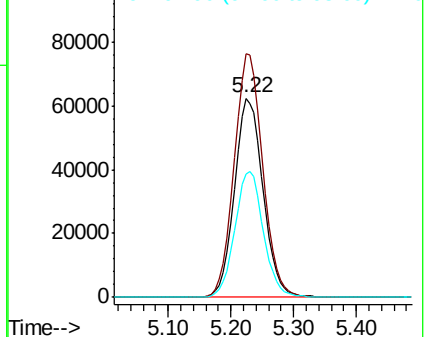
96 100

61 122.3 99.6 149.4

98 62.0 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: 50.700 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Tgt Ion: 45 Resp: 520598

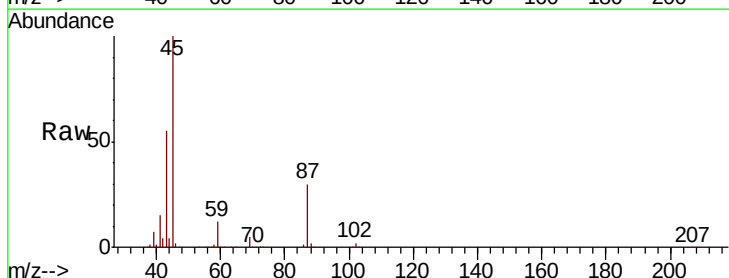
Ion Ratio Lower Upper

45 100

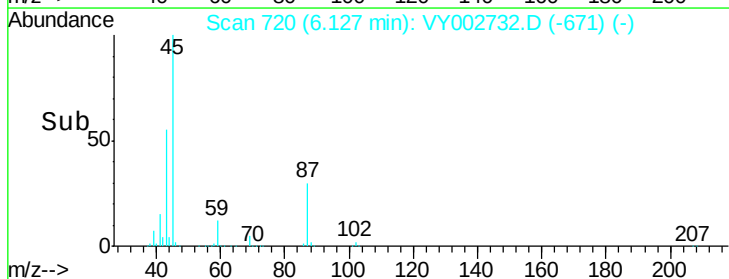
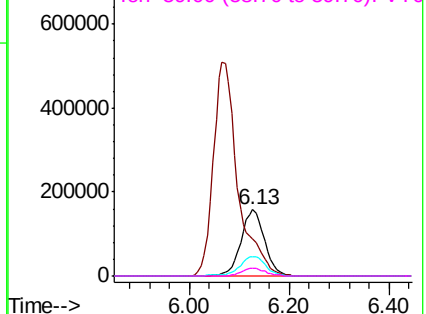
43 55.1 46.1 69.1

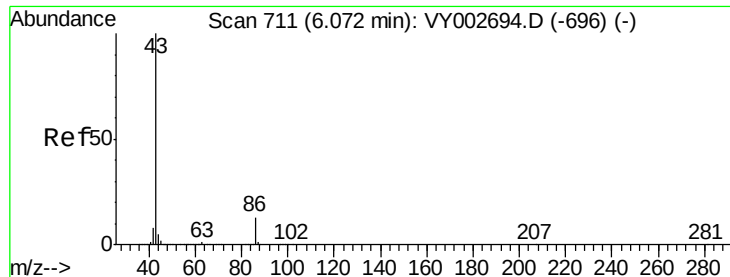
87 29.6 24.9 37.3

59 11.8 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: 263.972 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

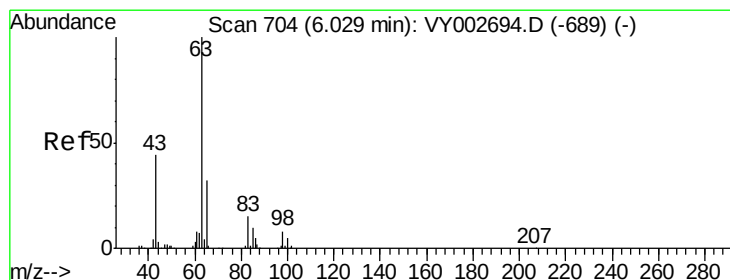
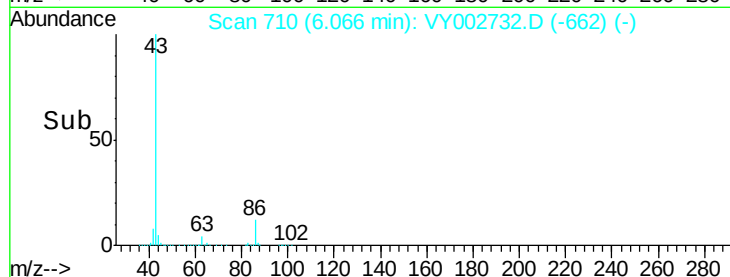
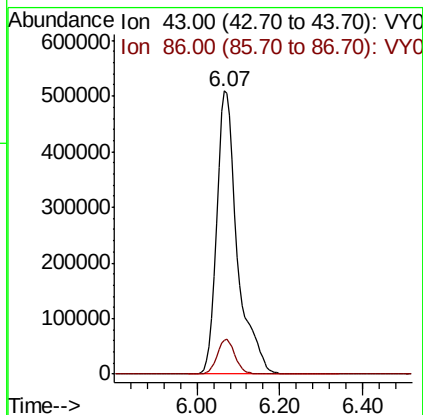
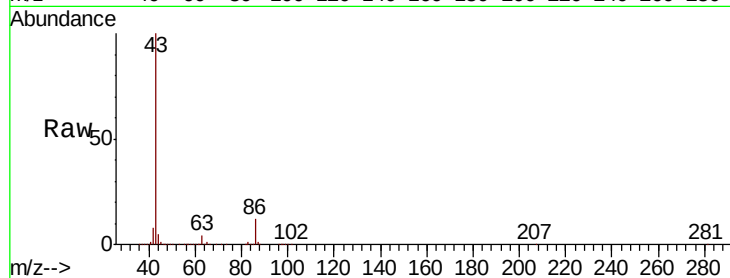
ClientSampled :

Tot Ion: 43 Resp: 1735599

Ion Ratio Lower Upper

43 100

86 12.1 10.1 15.1



#24

1,1-Dichloroethane

Concen: 49.970 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

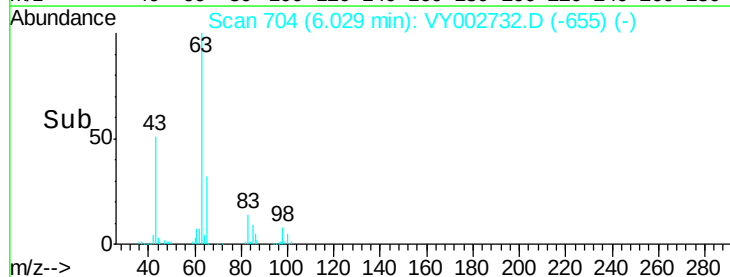
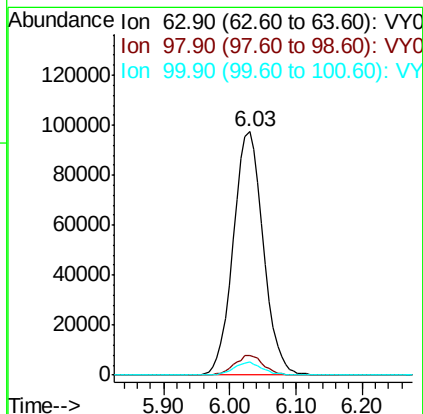
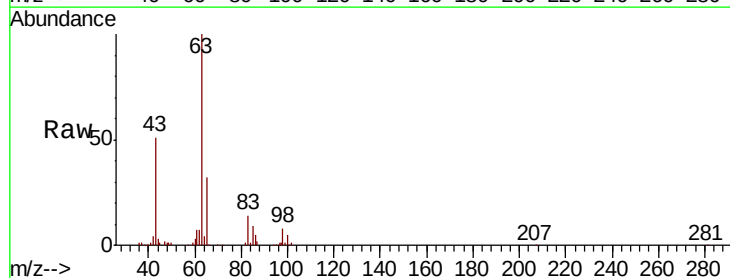
Tgt Ion: 63 Resp: 306600

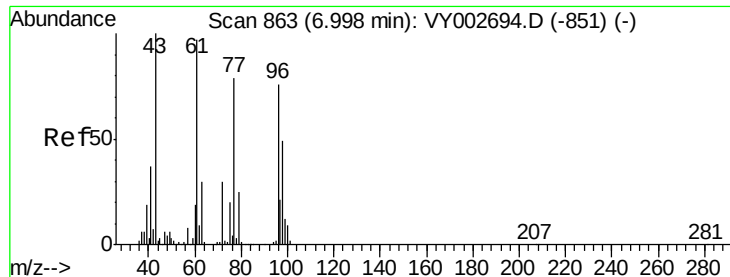
Ion Ratio Lower Upper

63 100

98 7.9 4.0 11.9

100 5.2 2.5 7.6

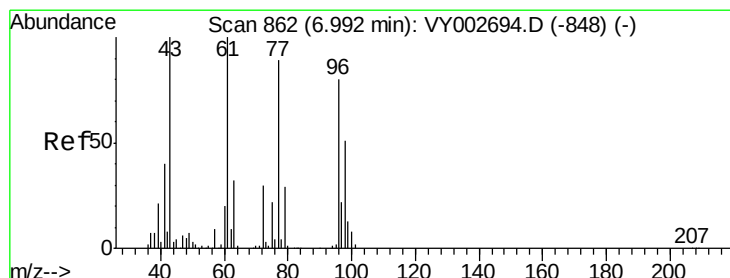
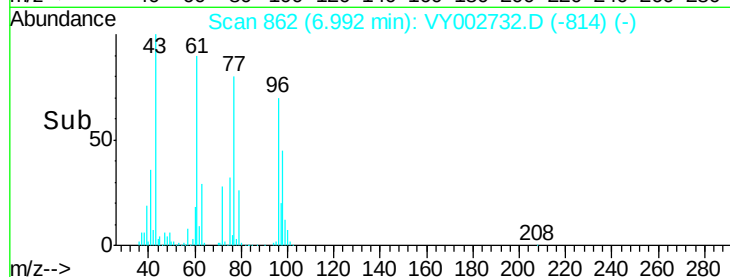
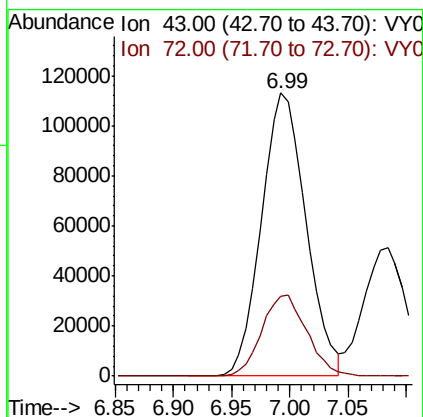
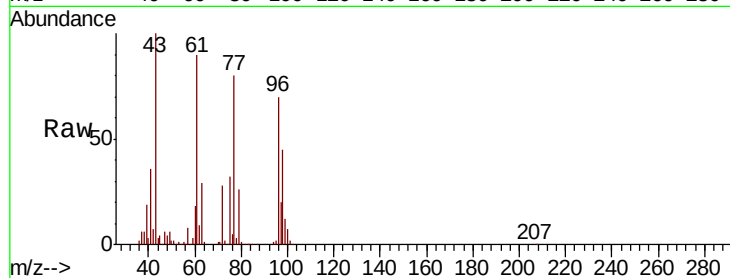




#25
2-Butanone
Concen: 274.530 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

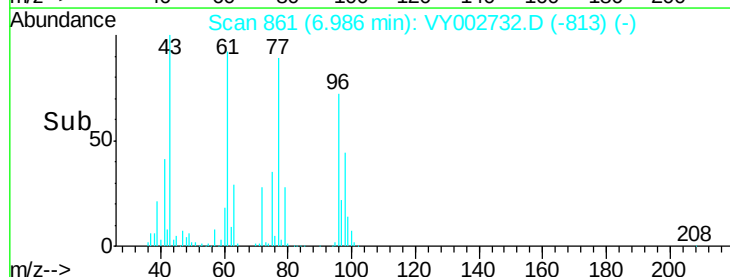
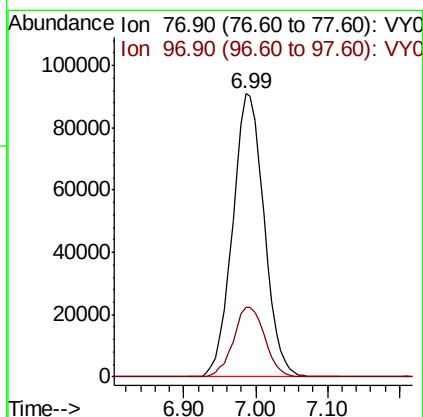
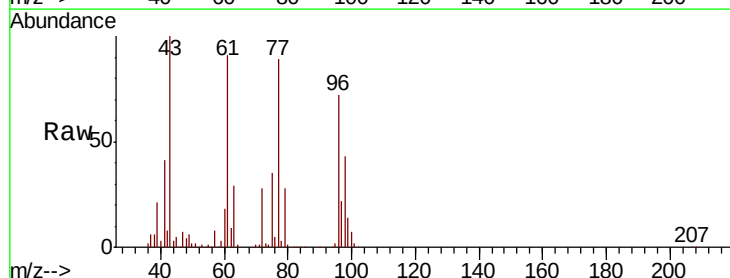
Instrument :
MSVOA_Y
ClientSampleId :

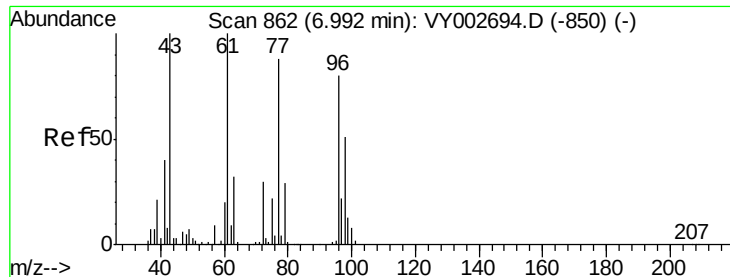
Tot Ion: 43 Resp: 301025
Ion Ratio Lower Upper
43 100
72 28.4 24.1 36.1



#26
2,2-Dichloropropane
Concen: 48.302 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion: 77 Resp: 275754
Ion Ratio Lower Upper
77 100
97 24.8 12.3 36.9



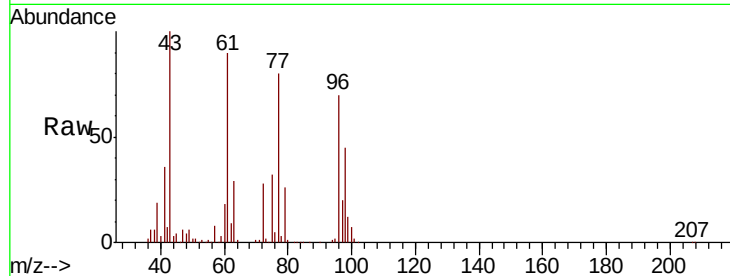


#27

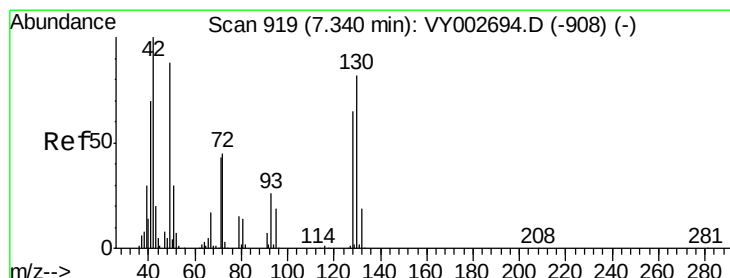
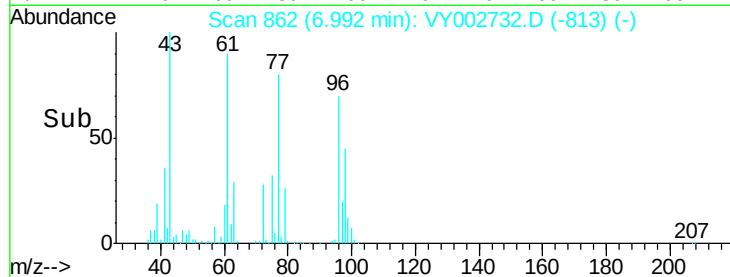
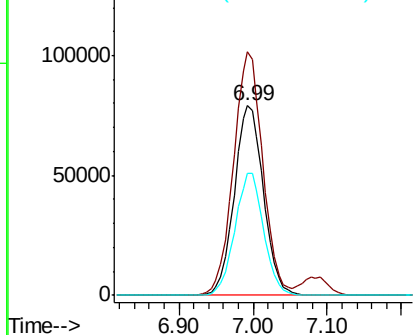
cis-1,2-Dichloroethene
Concen: 50.042 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	216754
Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	258.0
98	63.8	0.0	128.4



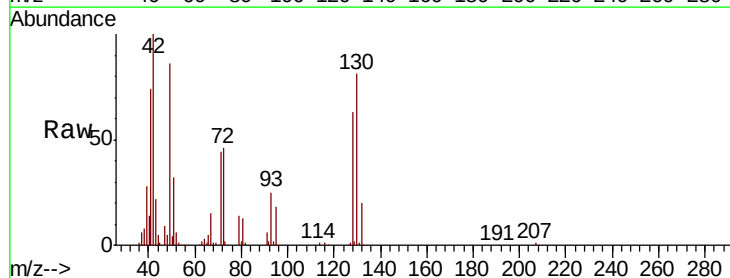
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



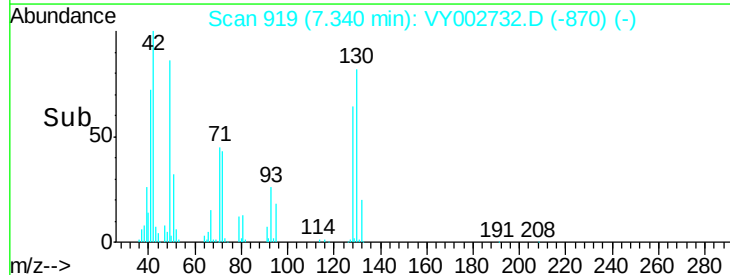
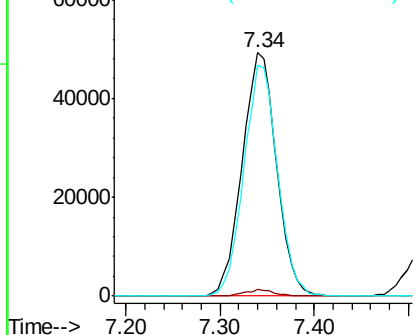
#28

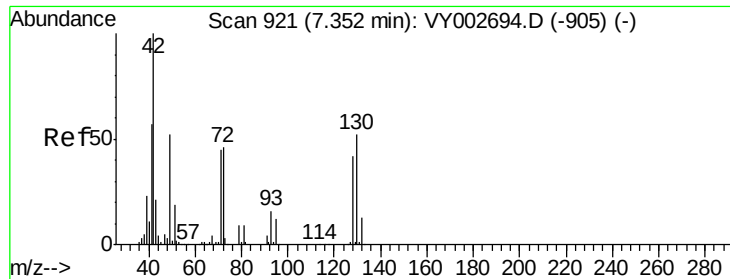
Bromochloromethane
Concen: 51.802 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion	49	Resp	125736
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	93.5	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

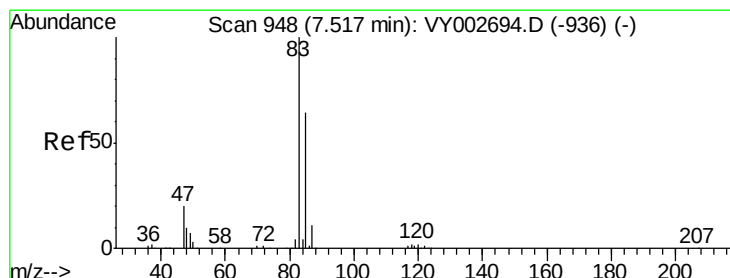
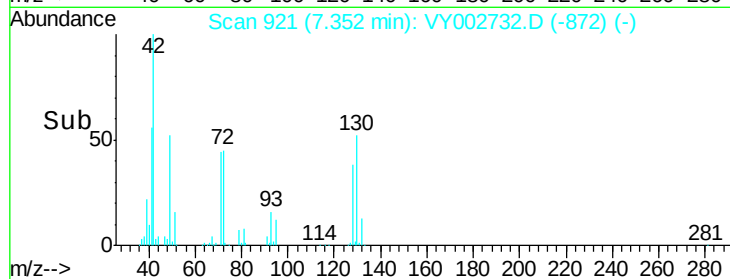
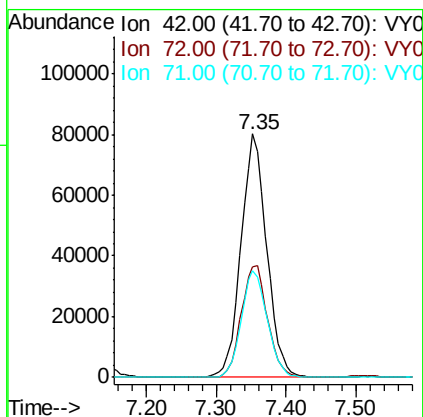
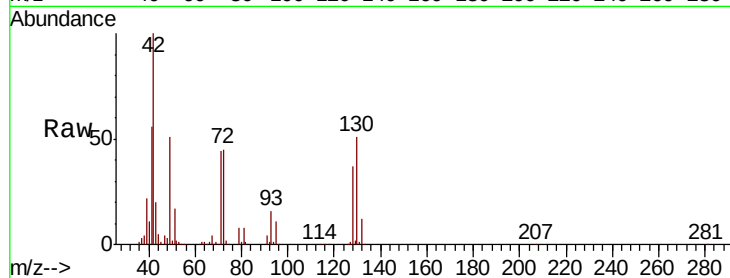




#29
Tetrahydrofuran
Concen: 274.509 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

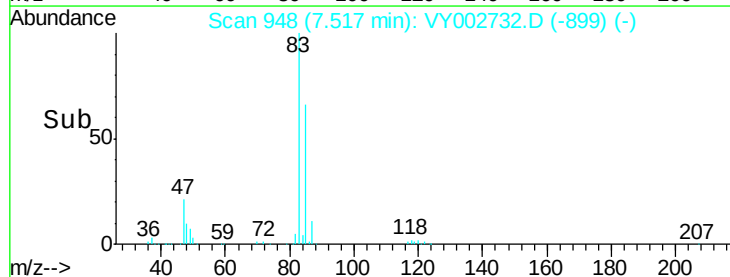
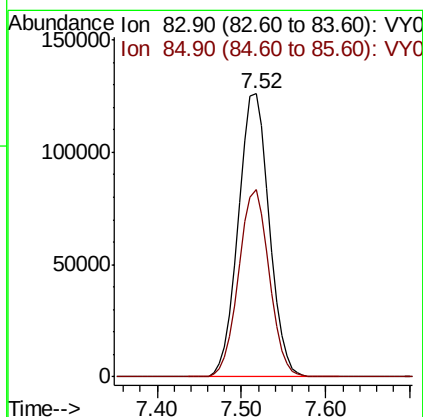
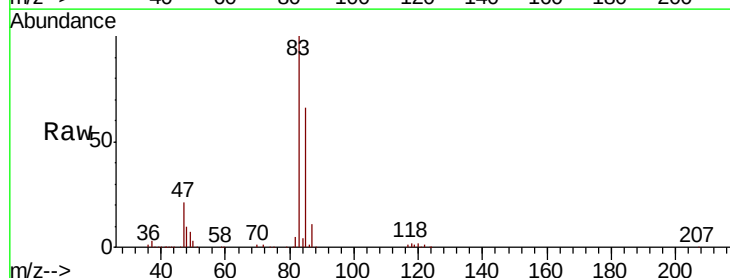
Instrument :
MSVOA_Y
ClientSampleId :

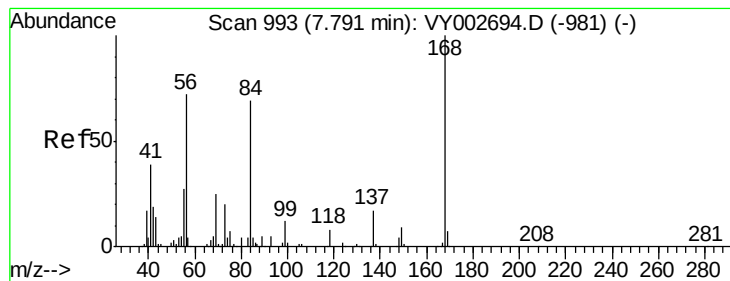
Tot Ion: 42 Resp: 204799
Ion Ratio Lower Upper
42 100
72 46.8 38.2 57.2
71 44.2 35.8 53.8



#30
Chloroform
Concen: 49.013 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion: 83 Resp: 312120
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3





#31

Cyclohexane

Concen: 47.564 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :
MSVOA_Y
ClientSampled :

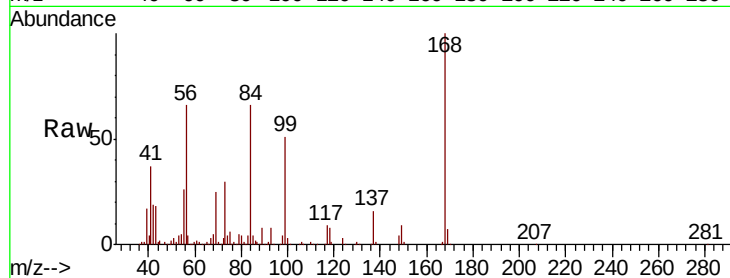
Tot Ion: 56 Resp: 295996

Ion Ratio Lower Upper

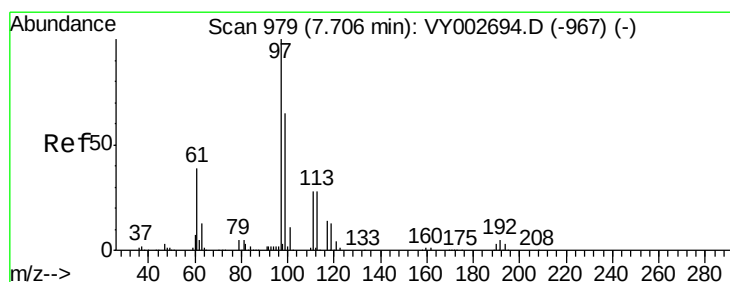
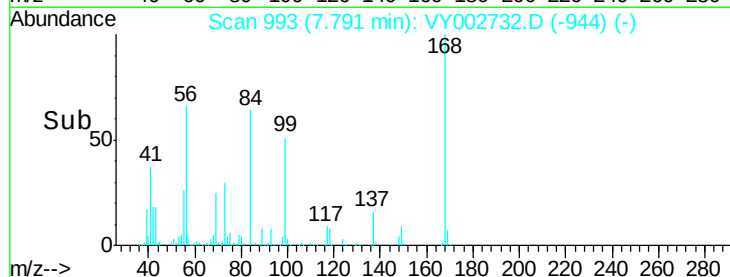
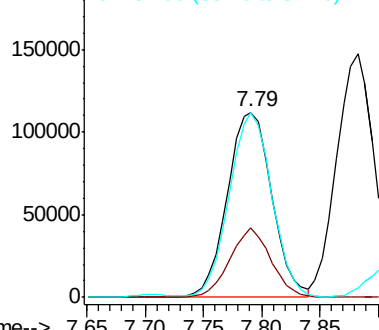
56 100

69 37.6 27.7 41.5

84 98.3 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: 49.132 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

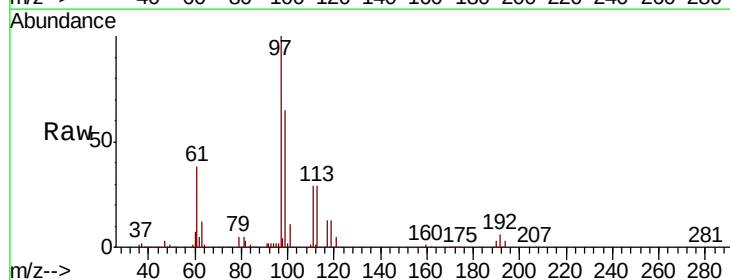
Tgt Ion: 97 Resp: 289100

Ion Ratio Lower Upper

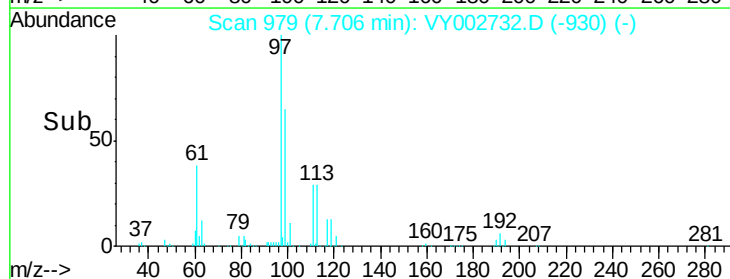
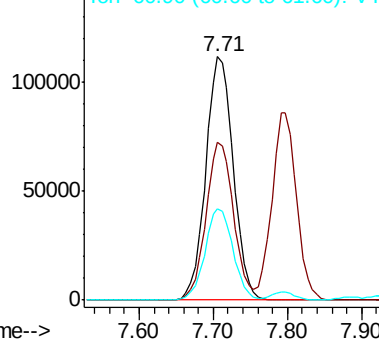
97 100

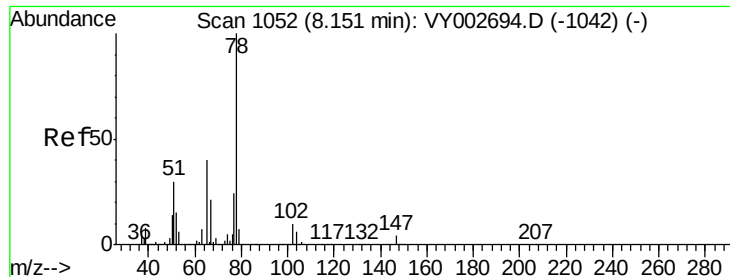
99 65.0 51.6 77.4

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

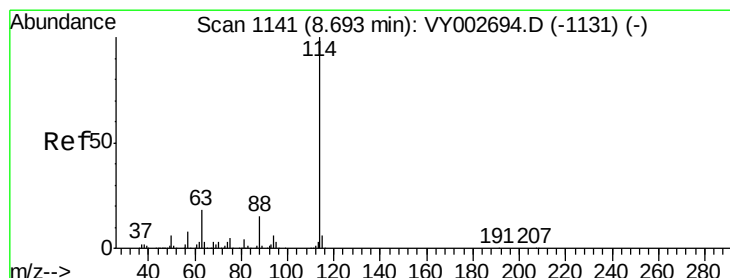
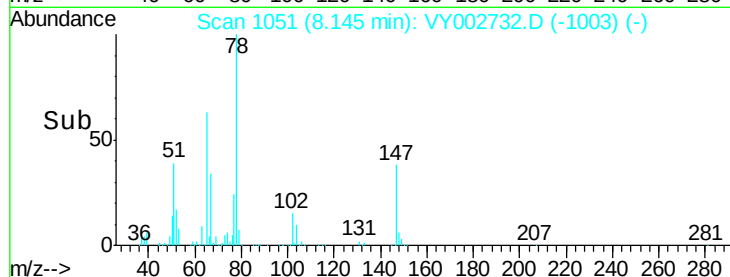
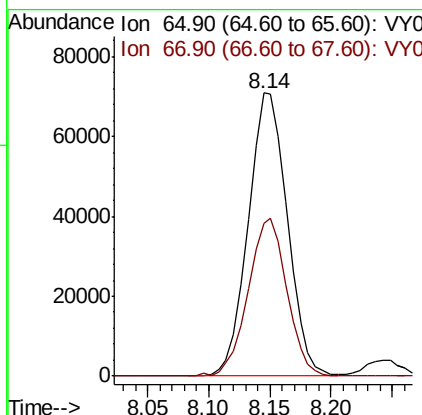
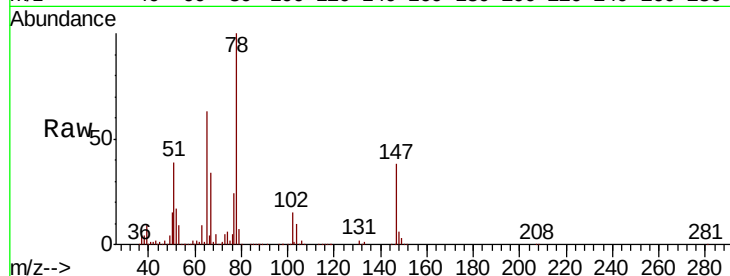




#33
 1,2-Dichloroethane-d4
 Concen: 49.059 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

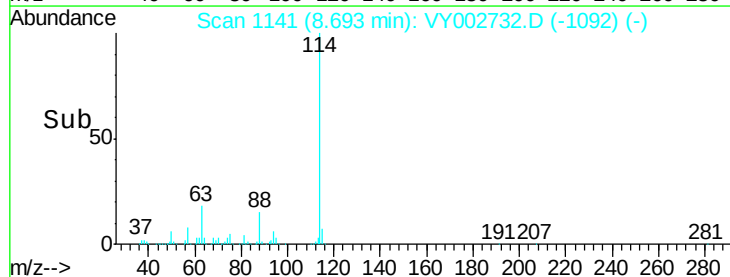
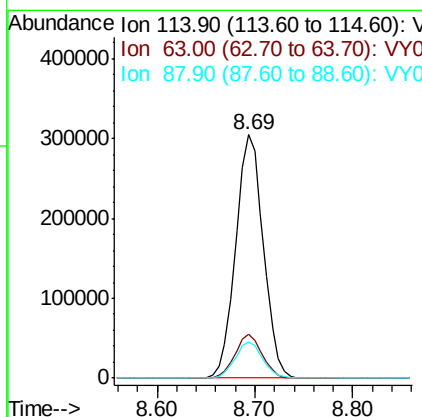
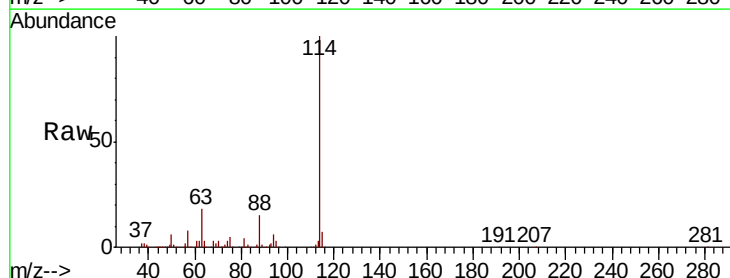
Instrument :
 MSVOA_Y
 ClientSampleId :

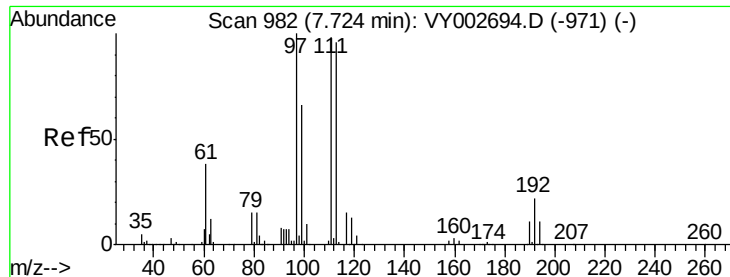
Tot Ion: 65 Resp: 157717
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

Tgt Ion: 114 Resp: 597783
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.4
 88 14.8 0.0 29.4

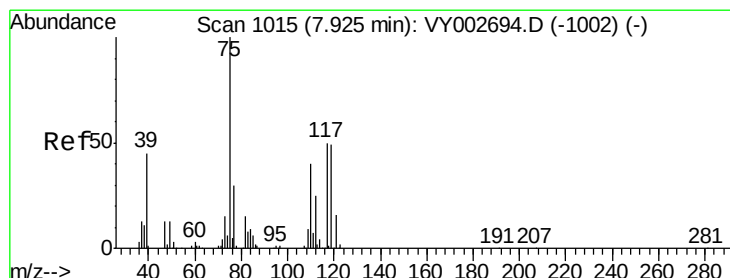
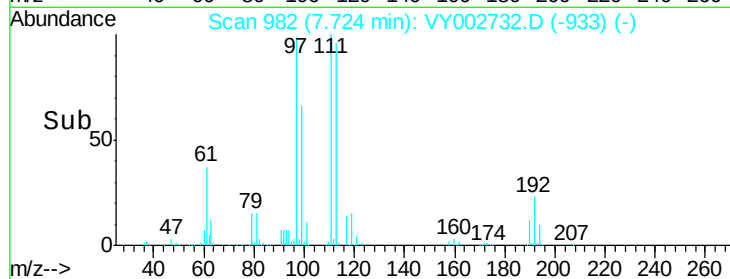
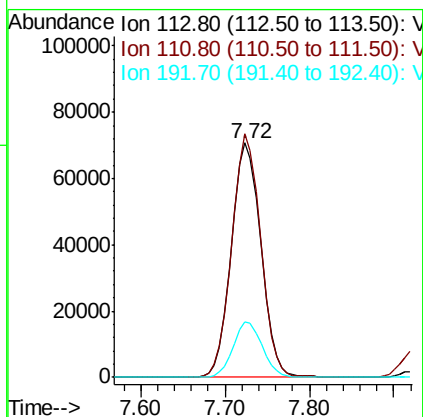
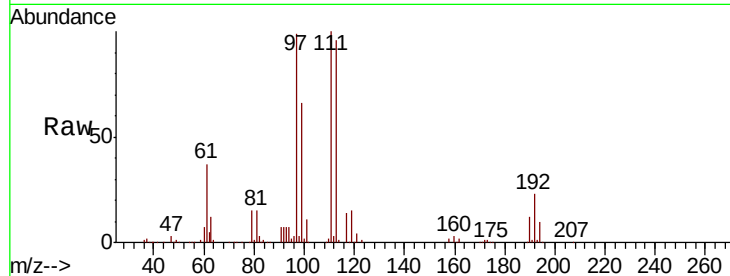




#35
Dibromofluoromethane
Concen: 50.998 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

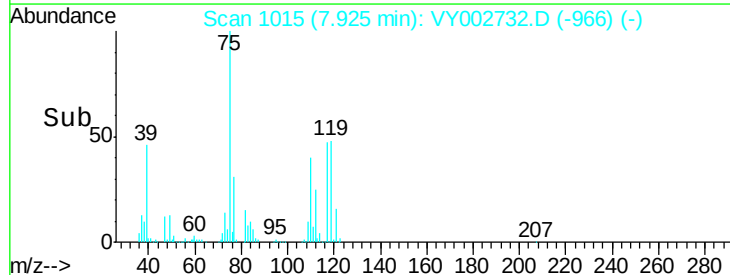
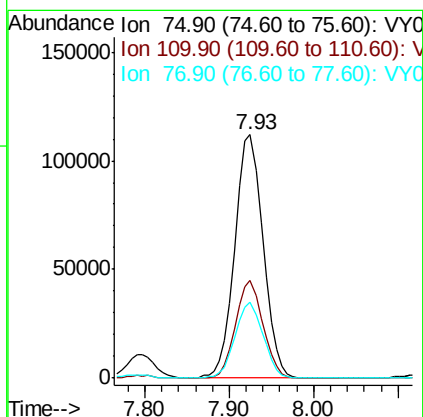
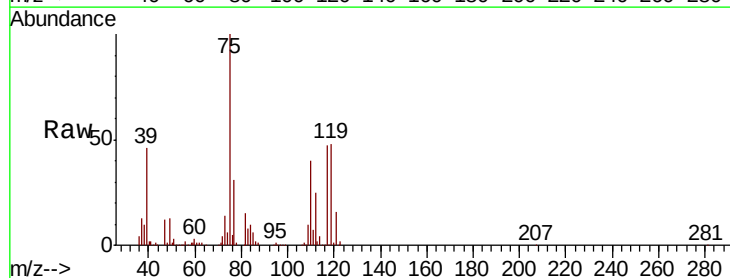
Instrument :
MSVOA_Y
ClientSampleId :

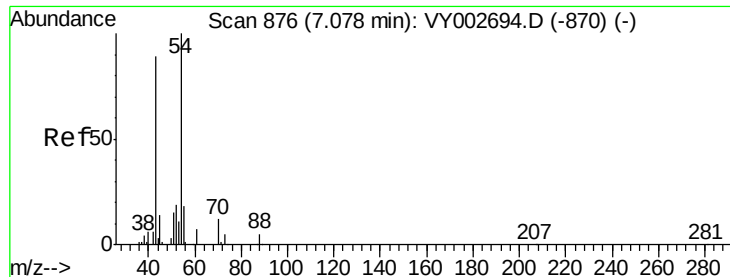
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	23.3	18.6	27.8



#36
1,1-Dichloropropene
Concen: 50.260 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.4	58.4
77	31.1	25.0	37.4

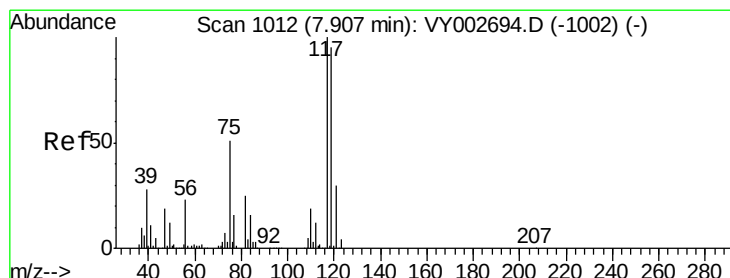
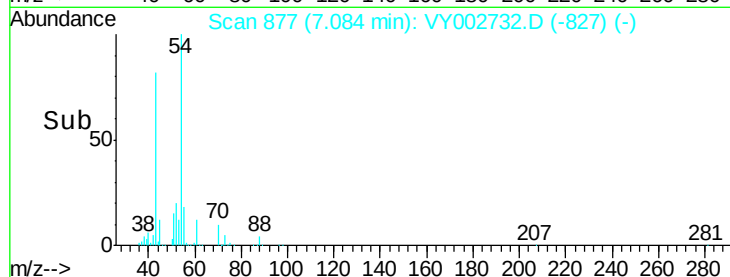
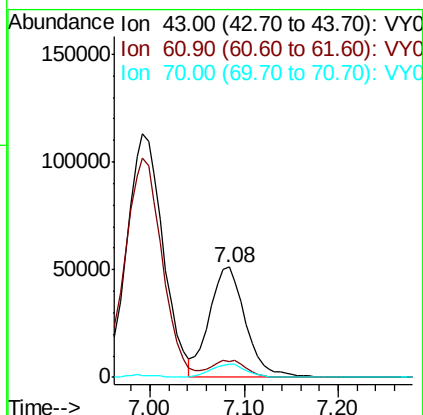
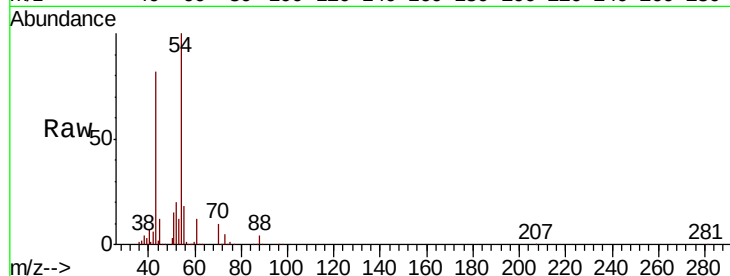




#37
Ethyl Acetate
Concen: 54.814 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

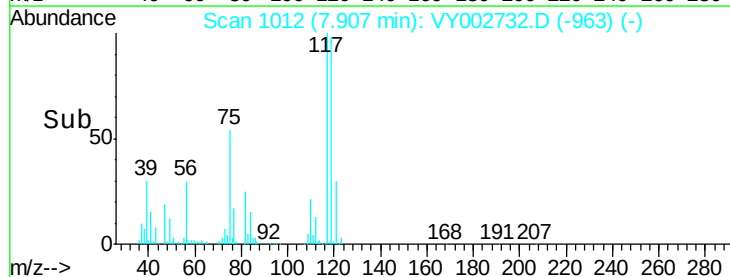
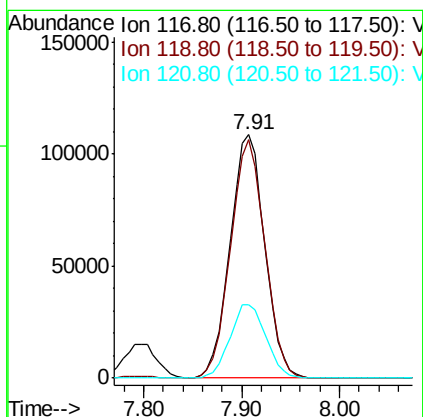
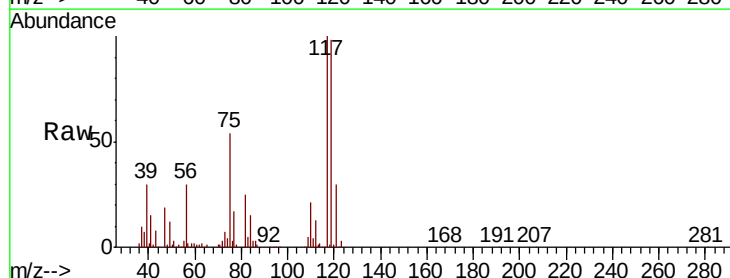
Instrument :
MSVOA_Y
ClientSampleId :

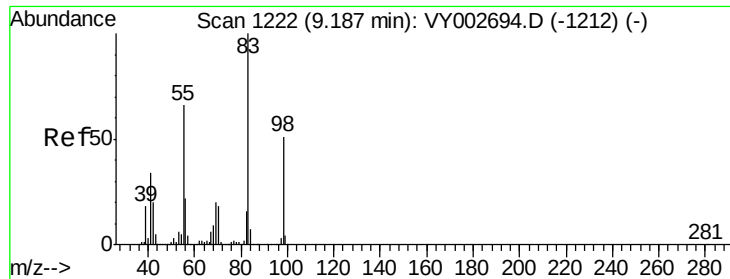
Tot Ion: 43 Resp: 136432
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.8
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 49.150 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion: 117 Resp: 267319
Ion Ratio Lower Upper
117 100
119 97.8 76.3 114.5
121 30.3 24.2 36.2

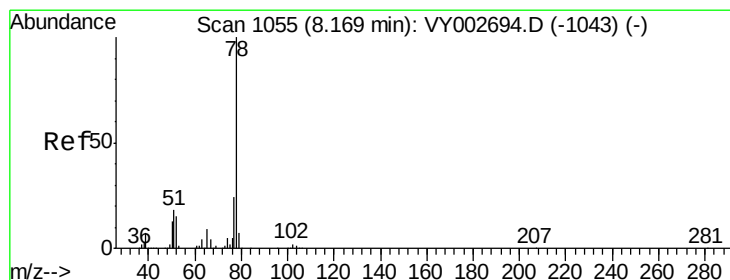
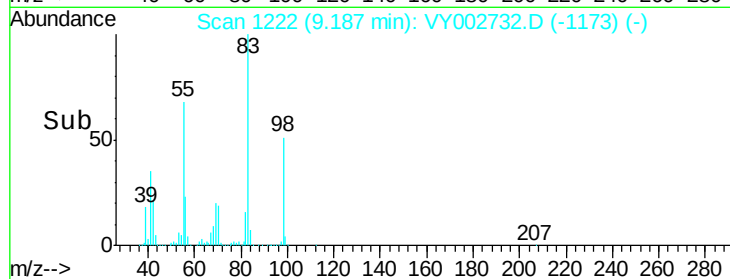
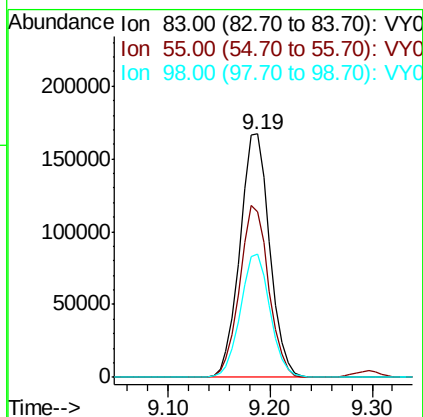
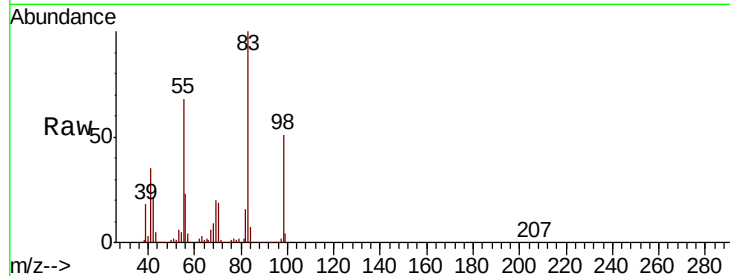




#39
Methylvlcyclohexane
Concen: 49.784 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

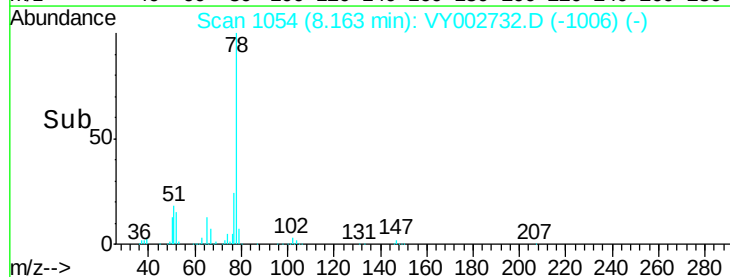
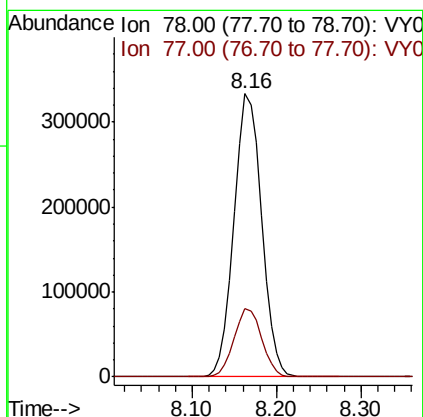
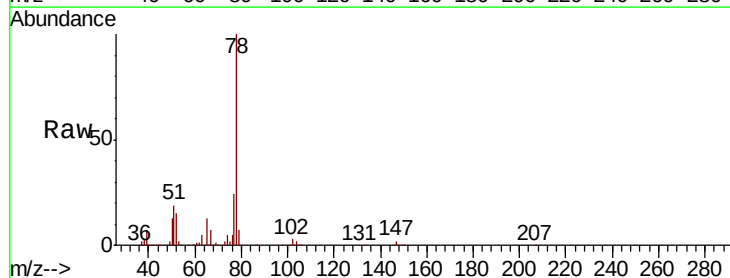
Instrument :
MSVOA_Y
ClientSampleId :

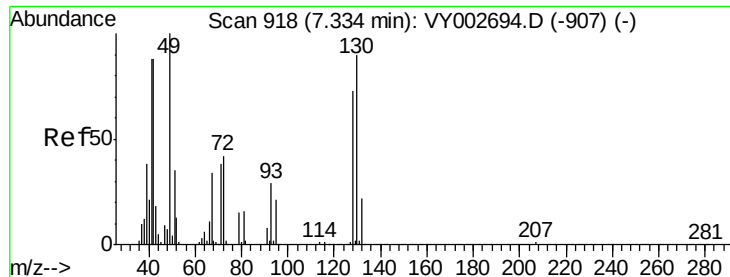
Tot Ion: 83 Resp: 338751
Ion Ratio Lower Upper
83 100
55 68.1 53.0 79.6
98 50.8 40.8 61.2



#40
Benzene
Concen: 49.870 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion: 78 Resp: 736352
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8





#41

Methacrylonitrile

Concen: 124.309 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 185890

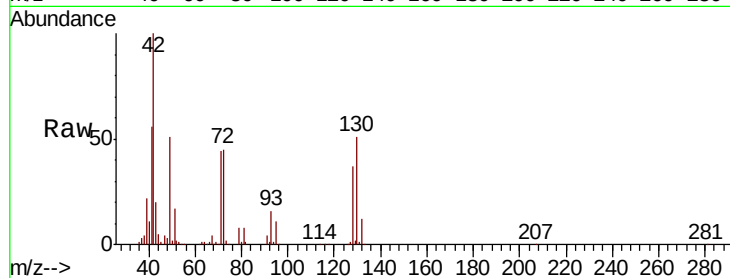
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

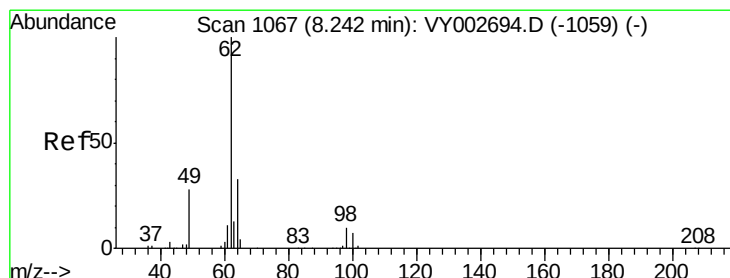
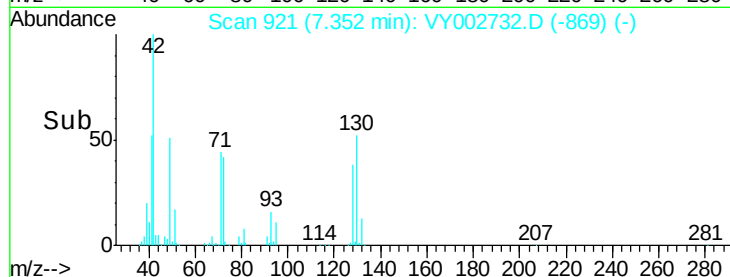
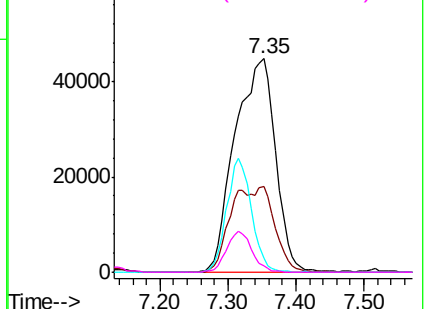


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 50.106 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002732.D

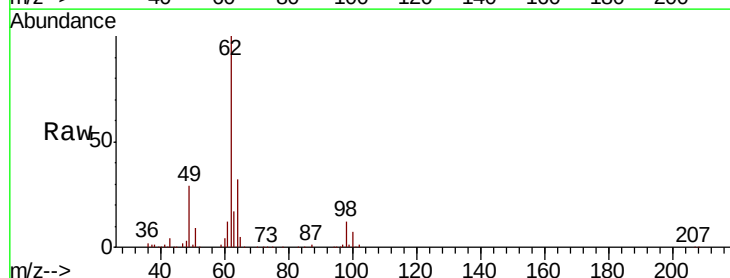
Acq: 21 May 2020 10:39

Tgt Ion: 62 Resp: 195131

Ion Ratio Lower Upper

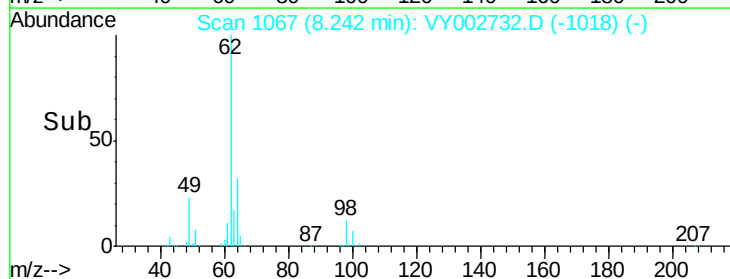
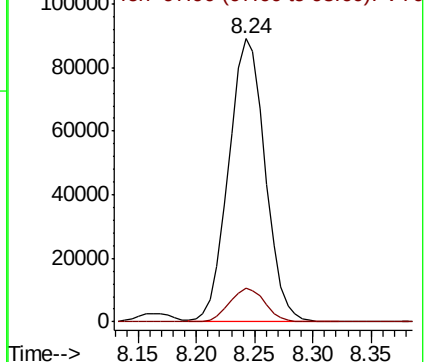
62 100

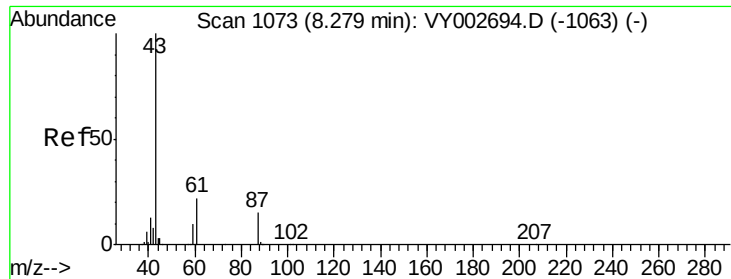
98 11.7 0.0 21.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 54.888 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

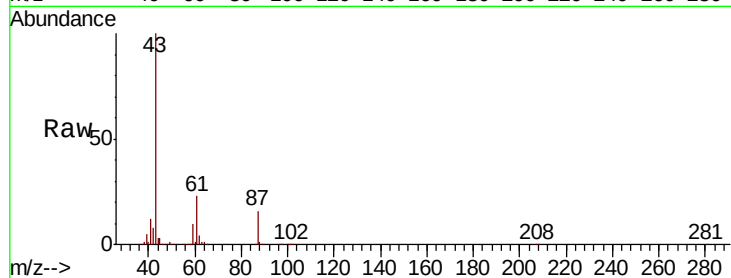
Tot Ion: 43 Resp: 253892

Ion Ratio Lower Upper

43 100

61 30.8 24.9 37.3

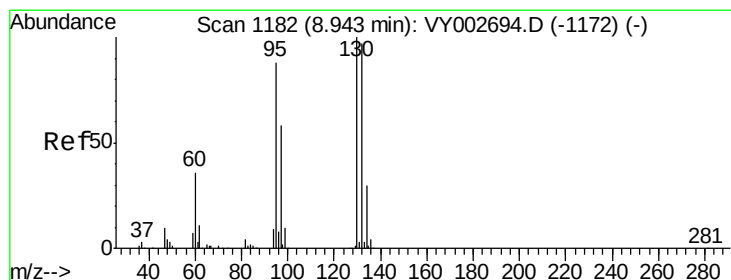
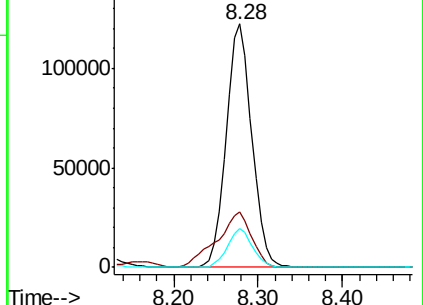
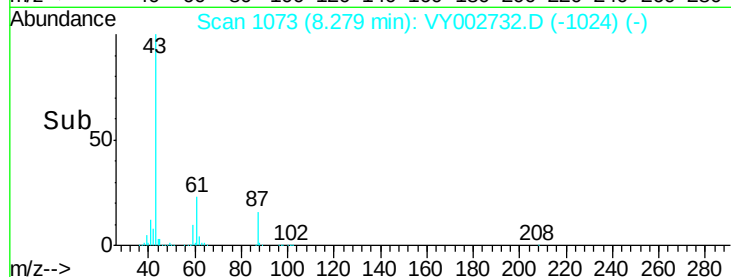
87 15.6 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY002732.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002732.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002732.D (-1024) (-)



#44

Trichloroethene

Concen: 50.156 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002732.D

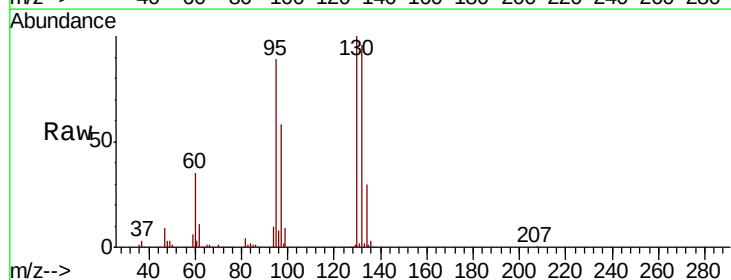
Acq: 21 May 2020 10:39

Tgt Ion:130 Resp: 236066

Ion Ratio Lower Upper

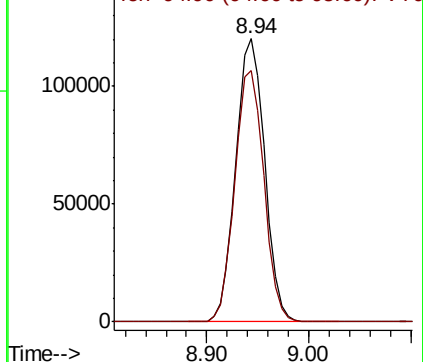
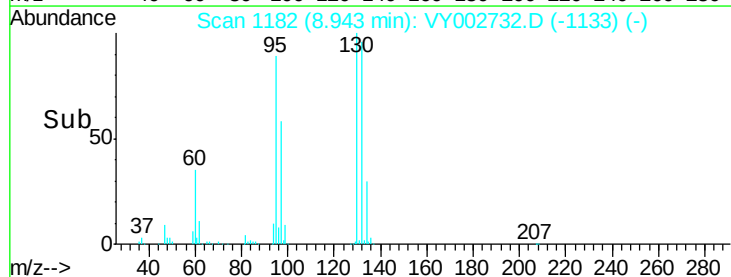
130 100

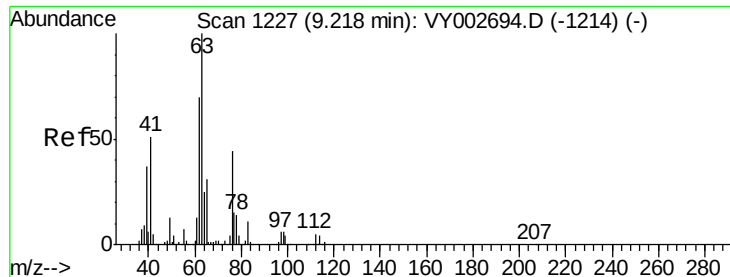
95 88.7 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): VY002732.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002732.D (-1133) (-)

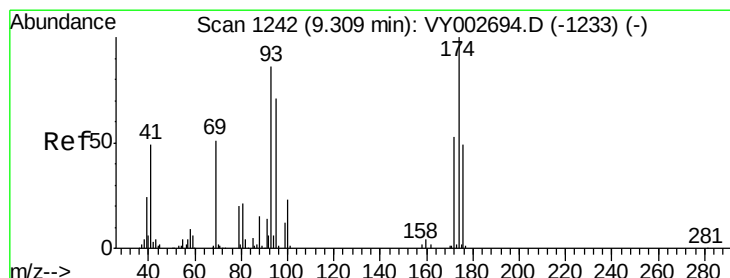
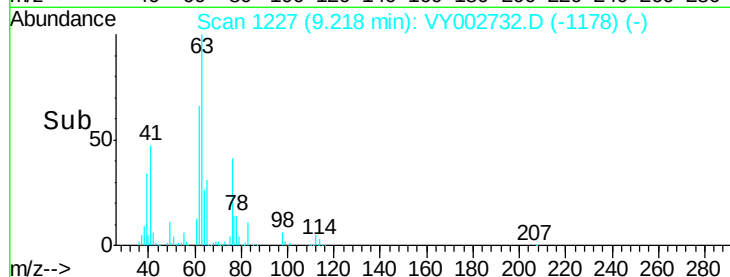
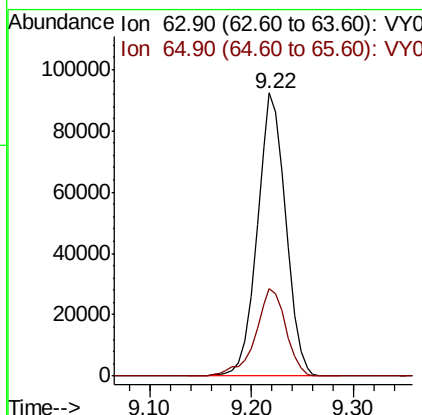
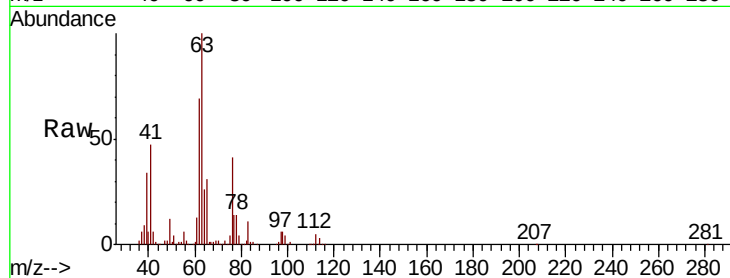




#45
 1,2-Dichloropropane
 Concen: 50.990 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

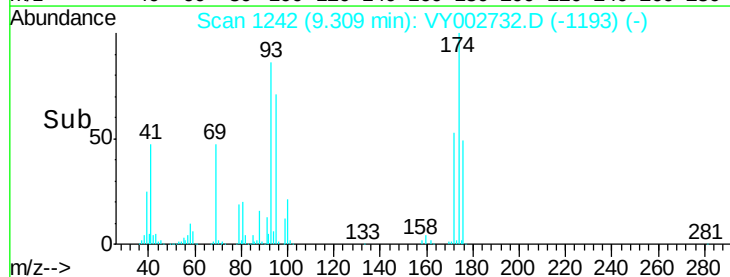
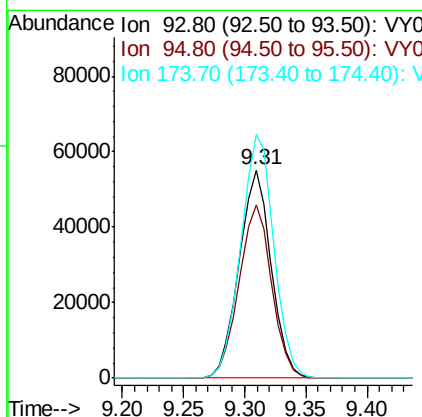
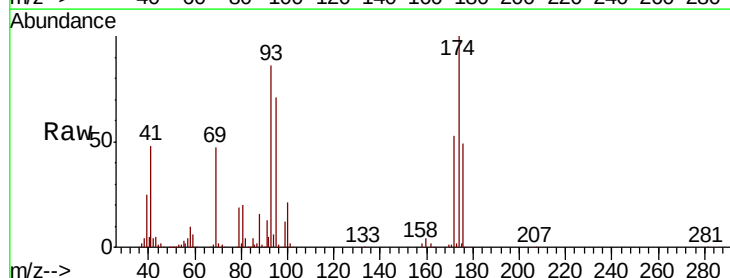
Instrument :
 MSVOA_Y
 ClientSampled :

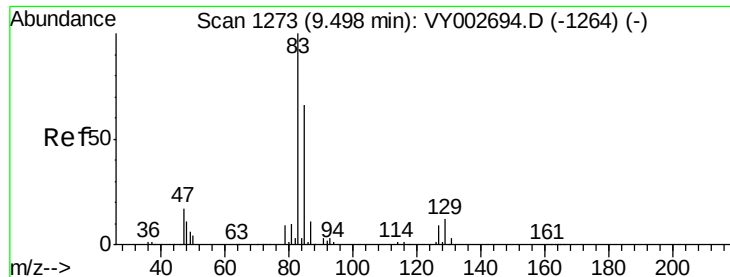
Tot Ion: 63 Resp: 178691
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 51.125 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

Tgt Ion: 93 Resp: 100659
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.5 99.7
 174 120.6 95.6 143.4





#47

Bromodichloromethane

Concen: 51.140 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

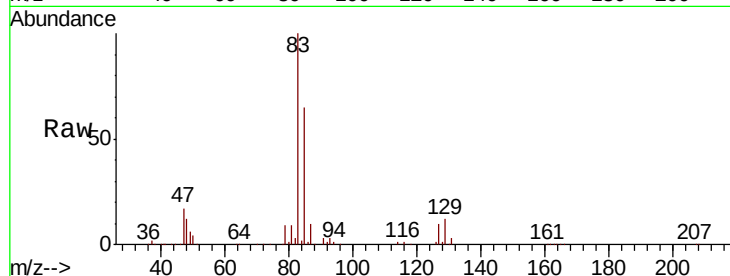
Tot Ion: 83 Resp: 245733

Ion Ratio Lower Upper

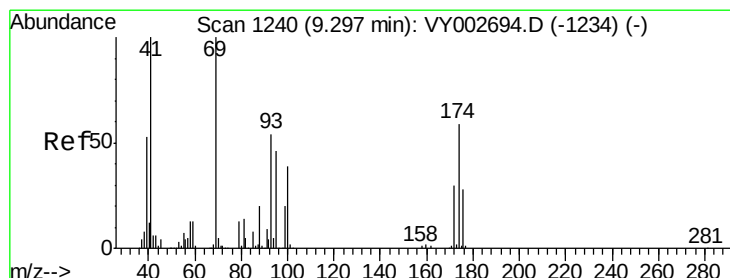
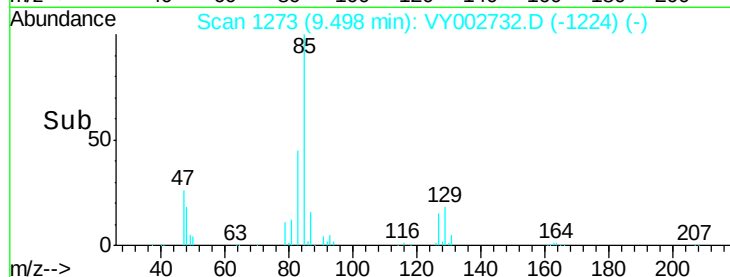
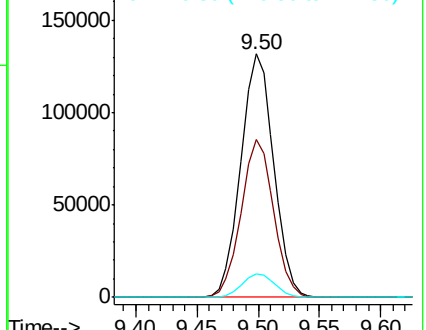
83 100

85 64.6 52.4 78.6

127 9.6 7.6 11.4



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



#48

Methyl methacrylate

Concen: 53.771 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

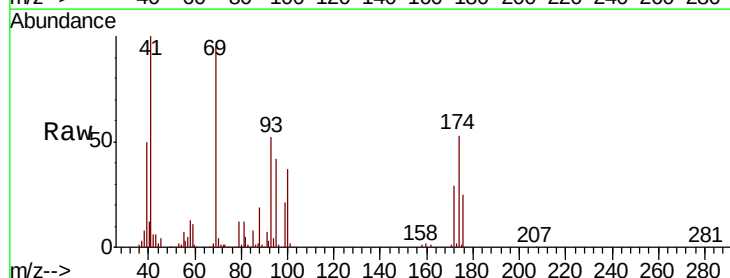
Tgt Ion: 41 Resp: 114521

Ion Ratio Lower Upper

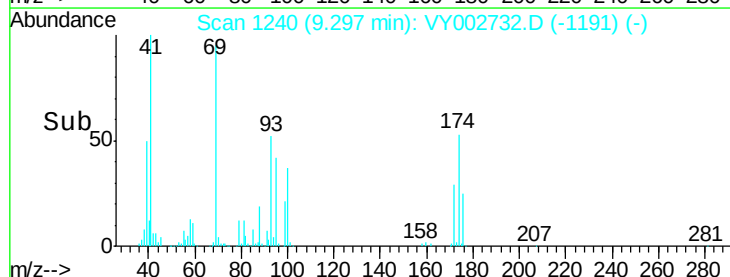
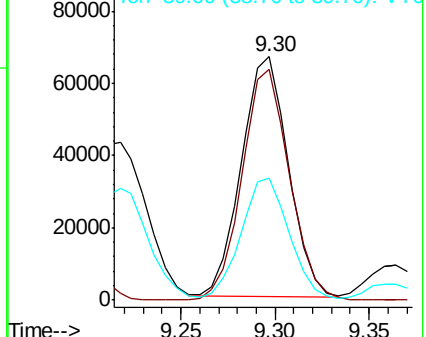
41 100

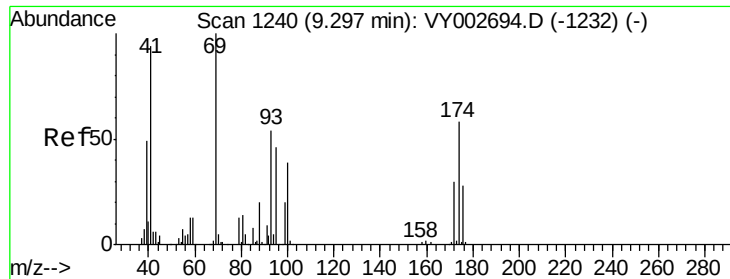
69 97.4 78.7 118.1

39 52.6 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

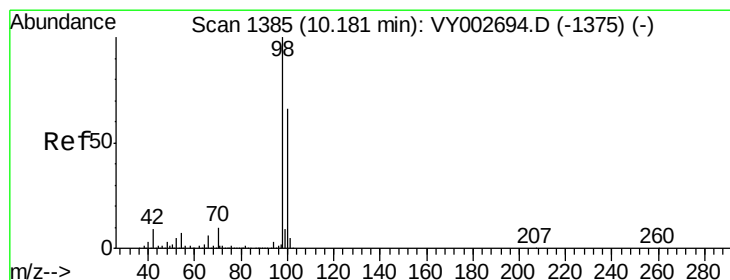
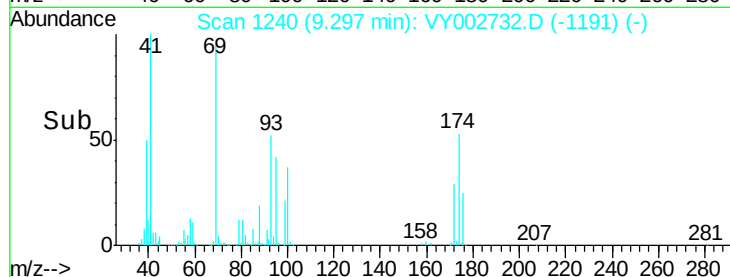
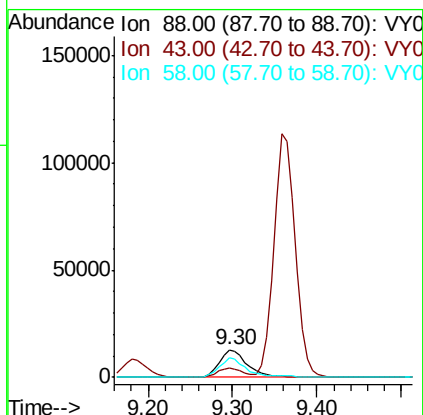
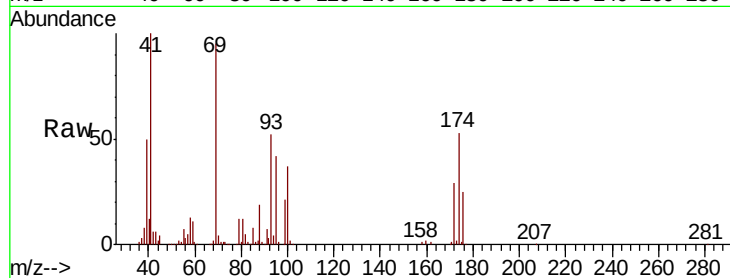




#49
1,4-Dioxane
Concen: 1099.972 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

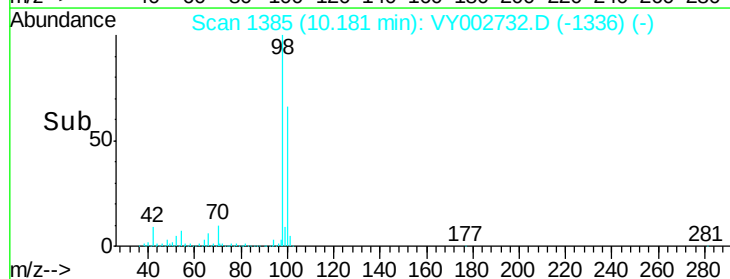
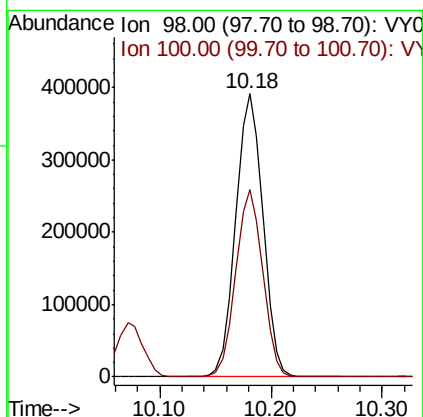
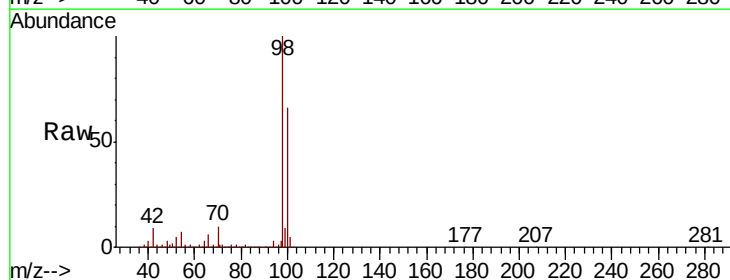
Instrument :
MSVOA_Y
ClientSampled :

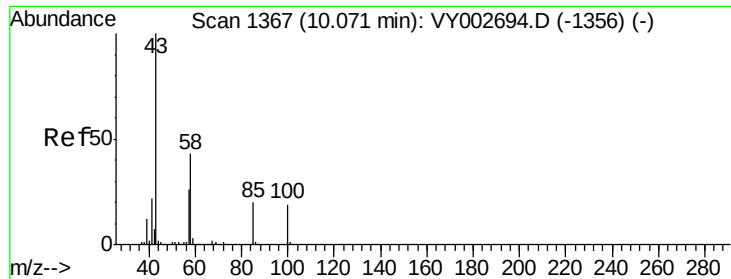
Tot Ion: 88 Resp: 29496
Ion Ratio Lower Upper
88 100
43 29.2 23.4 35.0
58 67.7 54.5 81.7



#50
Toluene-d8
Concen: 49.811 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion: 98 Resp: 661601
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 279.016 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

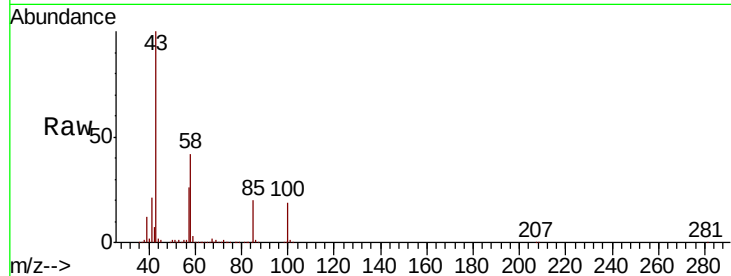
ClientSampleId :

Tot Ion: 43 Resp: 666352

Ion Ratio Lower Upper

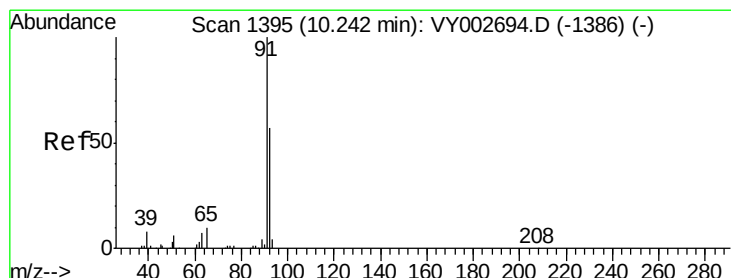
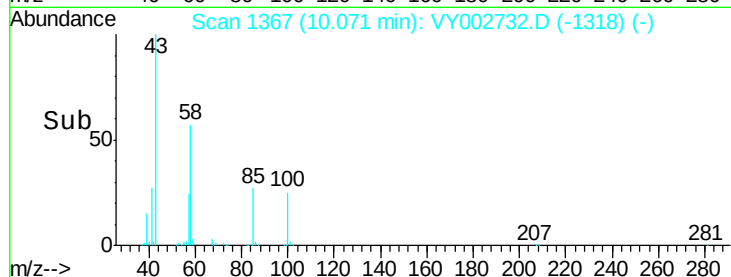
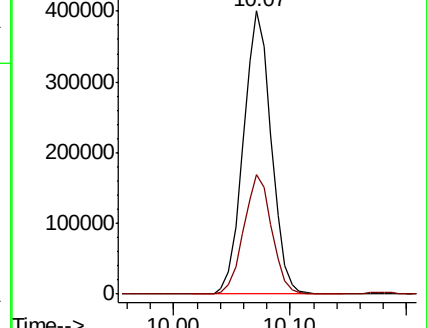
43 100

58 42.3 34.1 51.1



Abundance Ion 43.00 (42.70 to 43.70): VY002732.D (-1318) (-)

Ion 58.00 (57.70 to 58.70): VY002732.D (-1318) (-)



#52

Toluene

Concen: 50.030 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002732.D

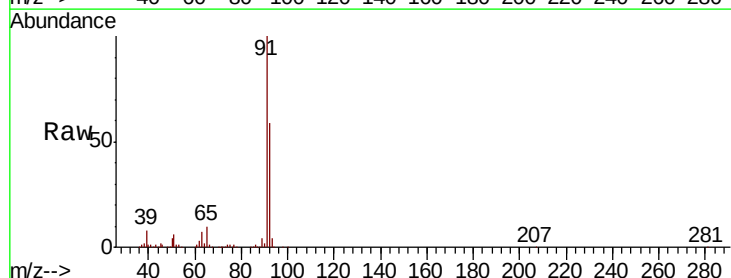
Acq: 21 May 2020 10:39

Tgt Ion: 92 Resp: 478056

Ion Ratio Lower Upper

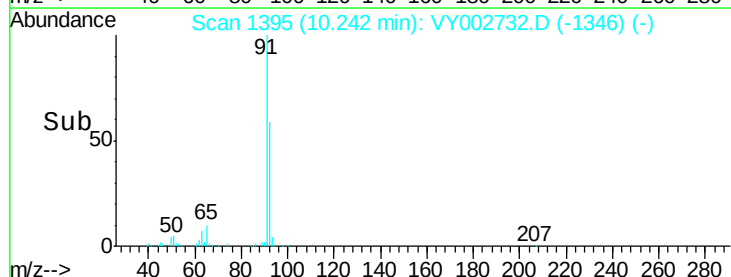
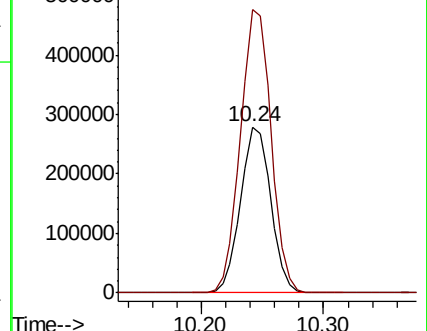
92 100

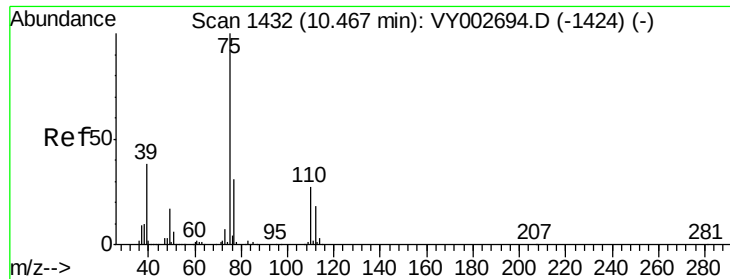
91 173.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VY002732.D (-1346) (-)

Ion 91.00 (90.70 to 91.70): VY002732.D (-1346) (-)





#53

t-1,3-Dichloropropene

Concen: 51.573 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

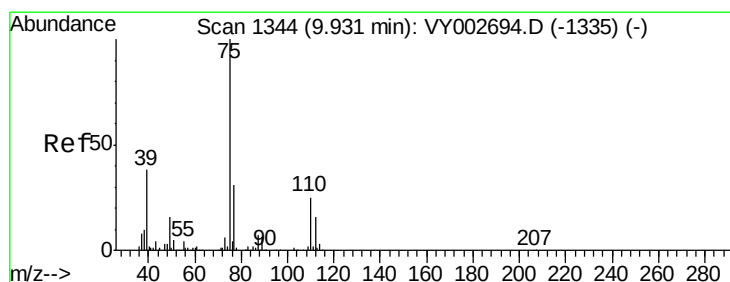
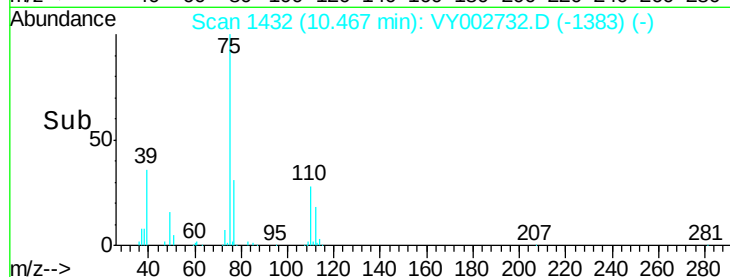
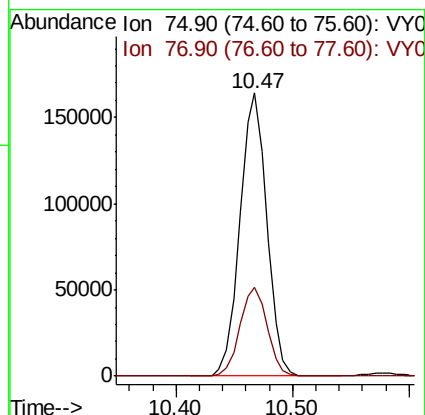
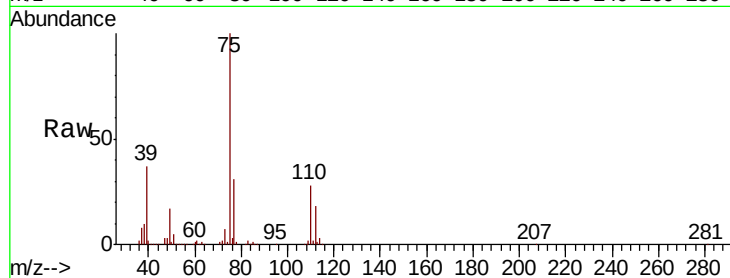
ClientSampleId :

Tot Ion: 75 Resp: 264505

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 51.294 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

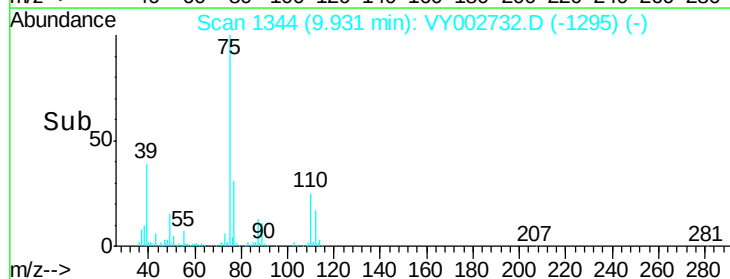
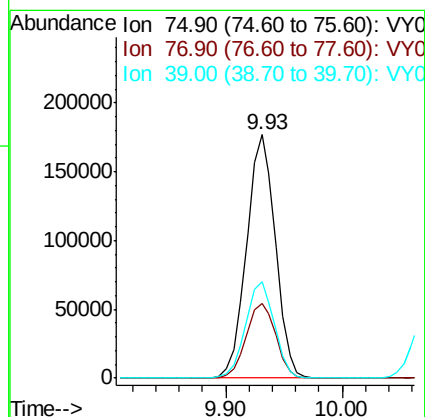
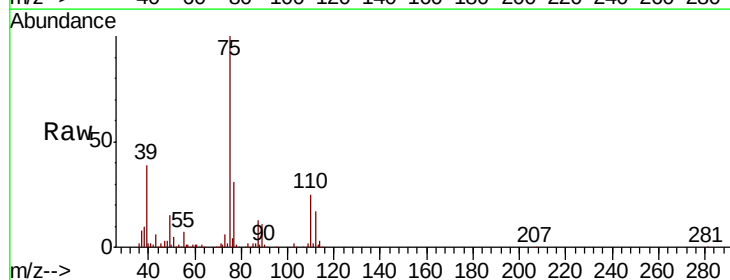
Tgt Ion: 75 Resp: 304977

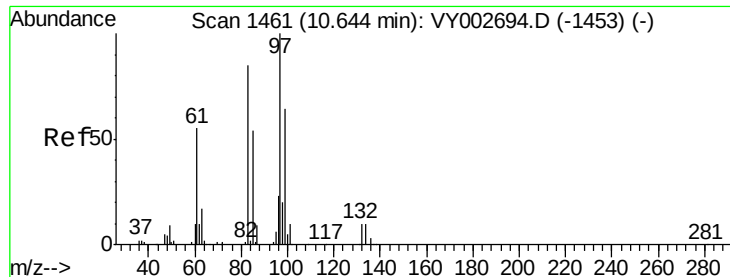
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 39.4 30.7 46.1

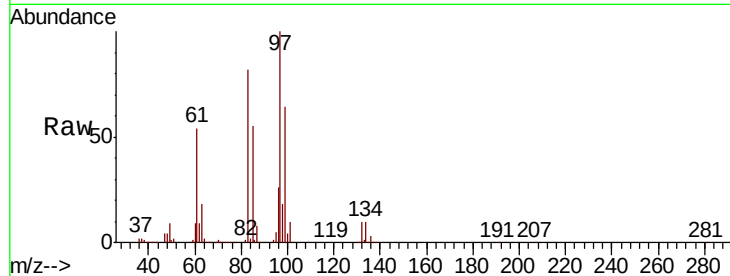




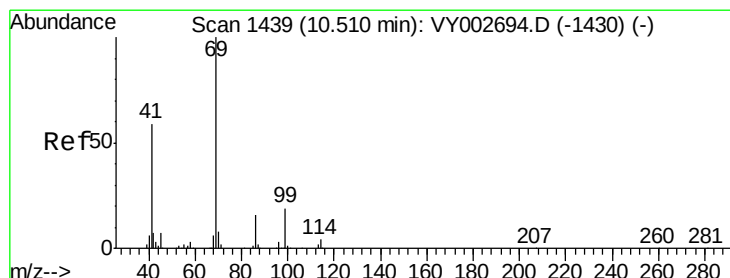
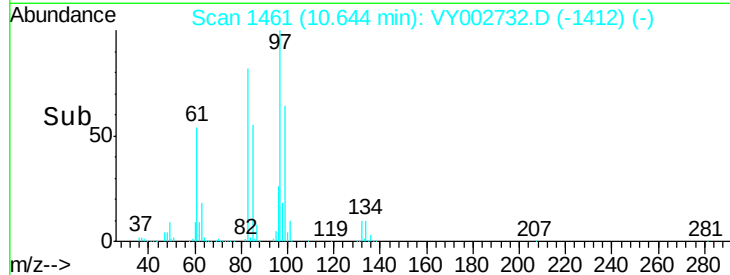
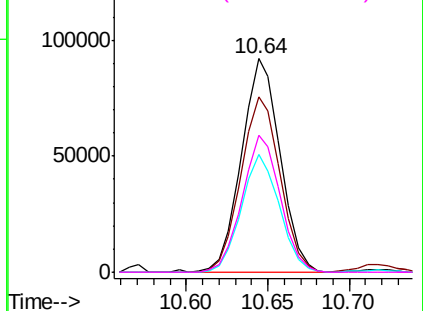
#55
 1,1,2-Trichloroethane
 Concen: 51.505 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:	97	Resp:	150972
Ion	Ratio	Lower	Upper
97	100		
83	82.2	68.1	102.1
85	55.0	43.1	64.7
99	64.5	51.0	76.4

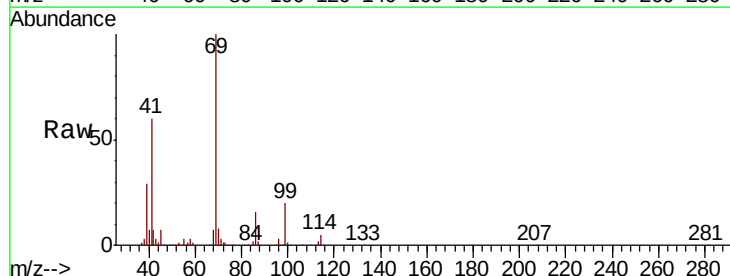


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

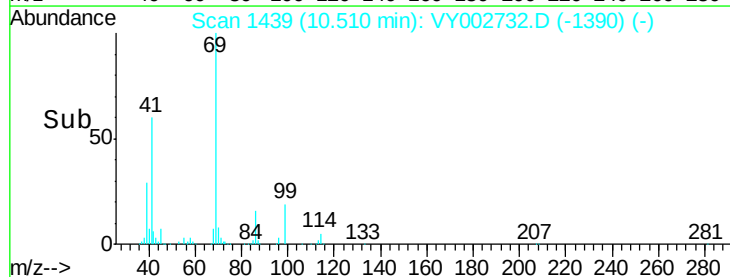
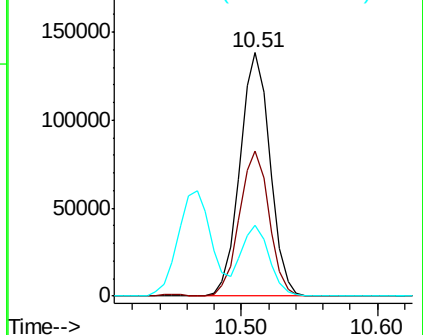


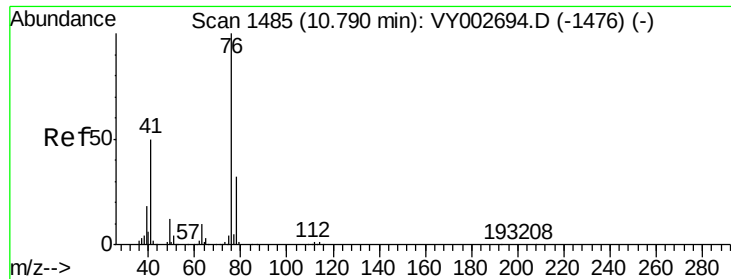
#56
 Ethyl methacrylate
 Concen: 54.715 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

Tgt Ion:	69	Resp:	213513
Ion	Ratio	Lower	Upper
69	100		
41	58.9	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: 51.818 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

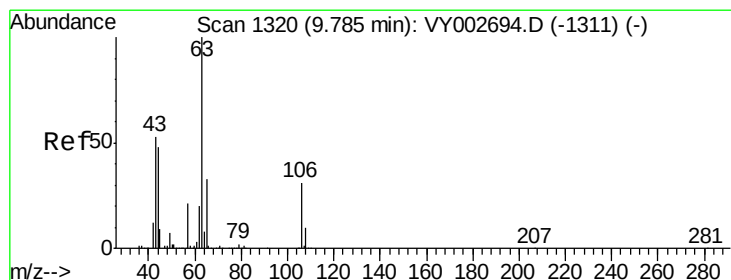
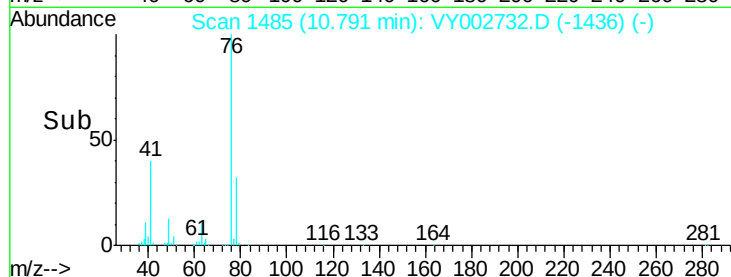
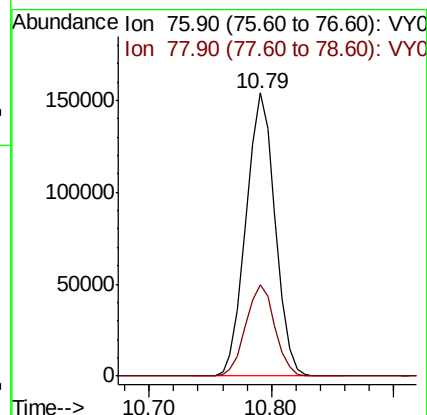
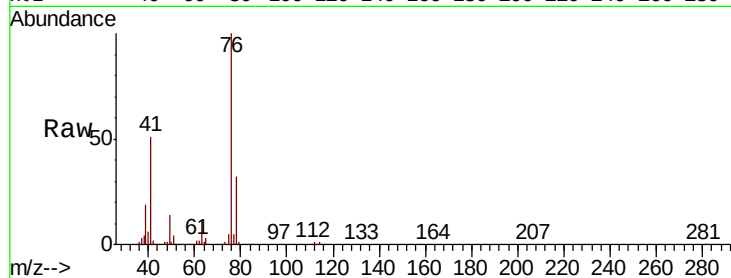
ClientSampleId :

Tot Ion: 76 Resp: 254532

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 270.132 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002732.D

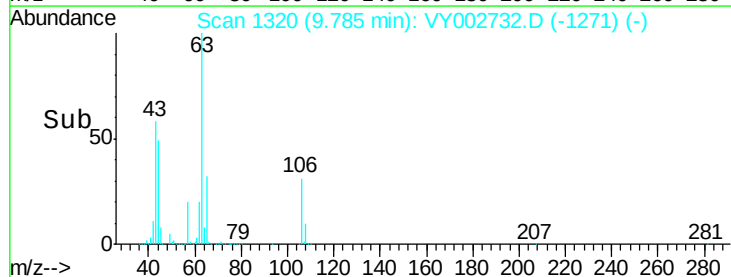
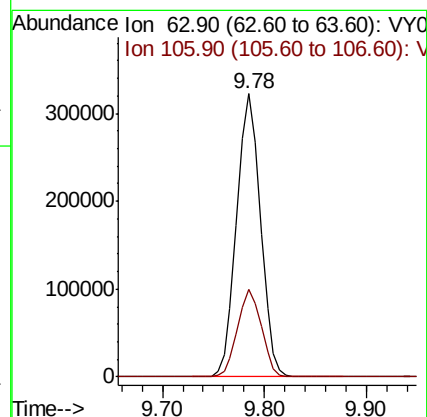
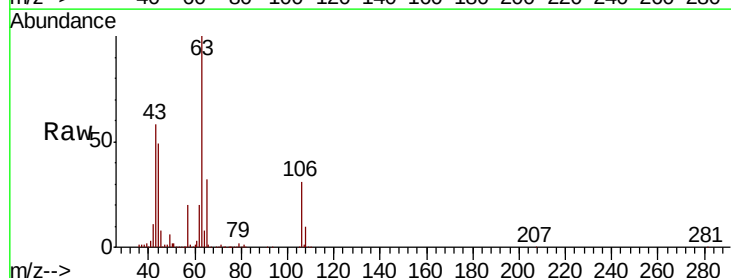
Acq: 21 May 2020 10:39

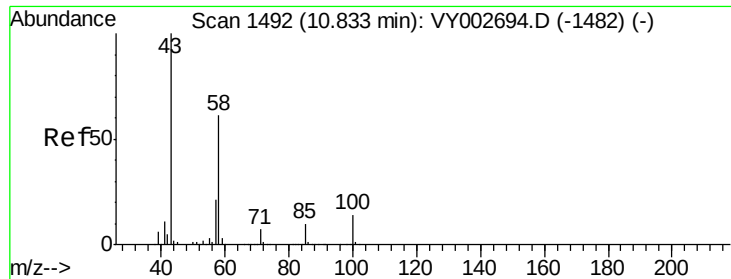
Tgt Ion: 63 Resp: 520393

Ion Ratio Lower Upper

63 100

106 31.0 25.1 37.7

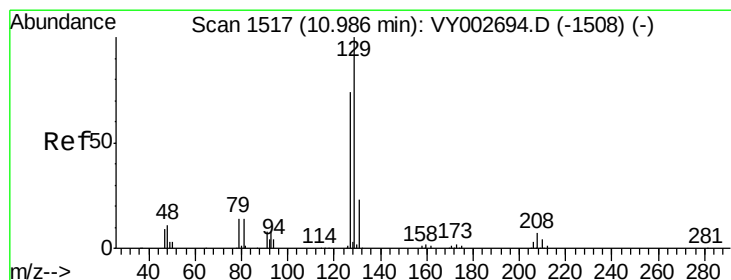
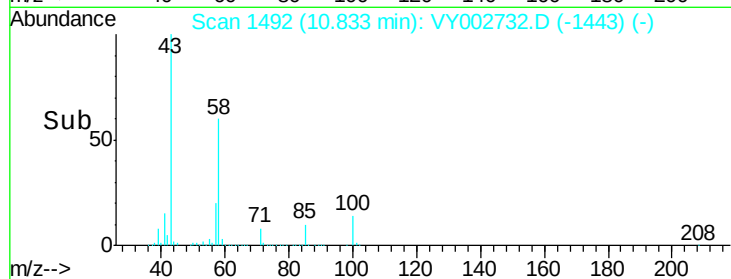
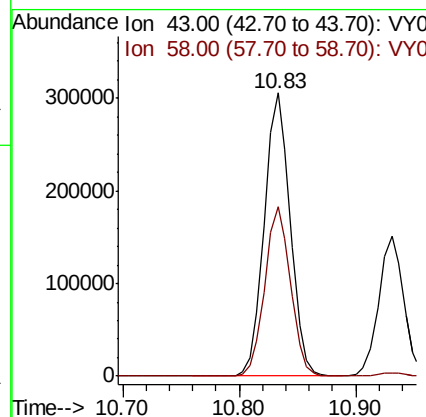
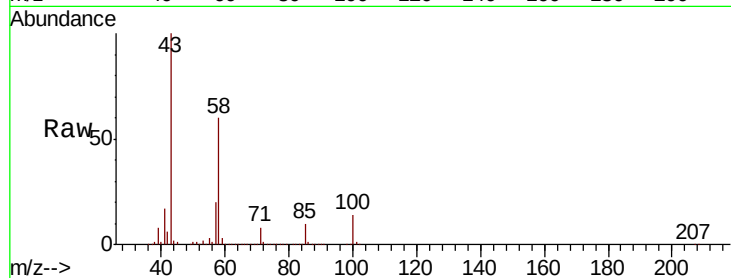




#59
2-Hexanone
Concen: 283.412 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

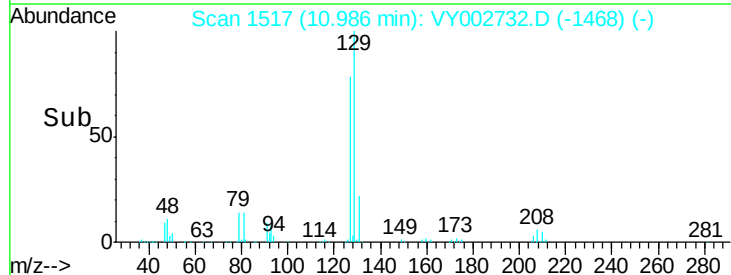
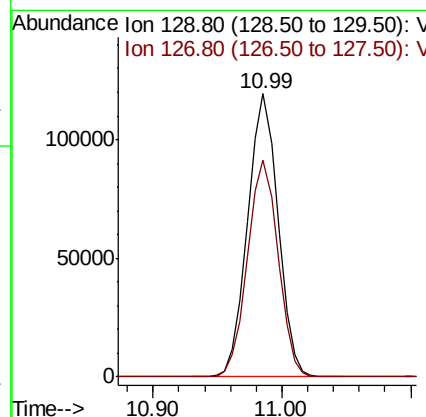
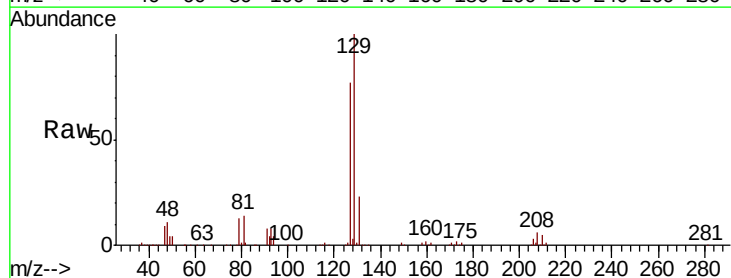
Instrument :
MSVOA_Y
ClientSampleId :

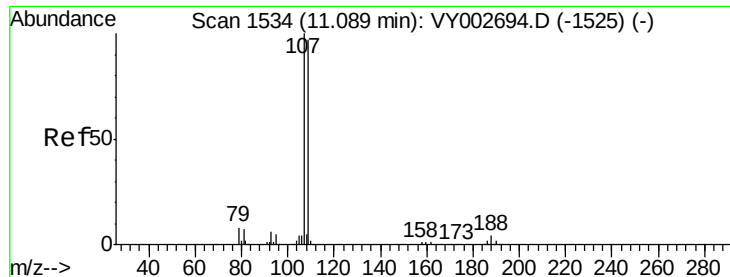
Tot Ion: 43 Resp: 471560
Ion Ratio Lower Upper
43 100
58 59.2 29.8 89.4



#60
Dibromochloromethane
Concen: 51.838 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion: 129 Resp: 194118
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

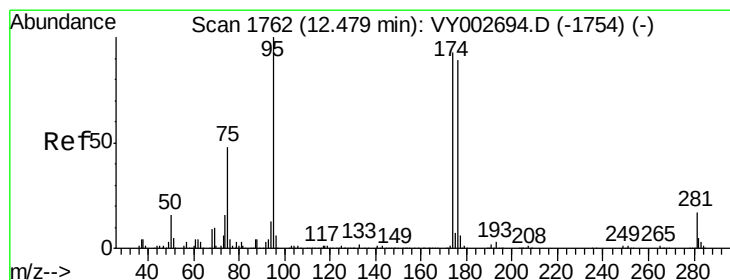
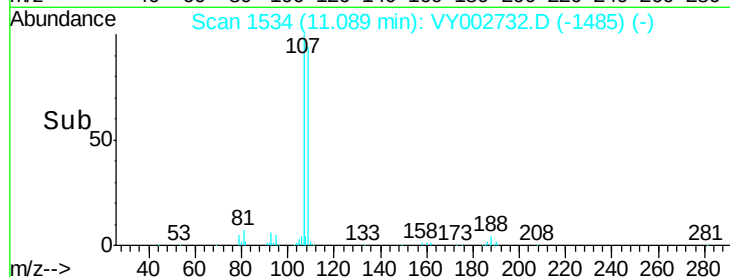
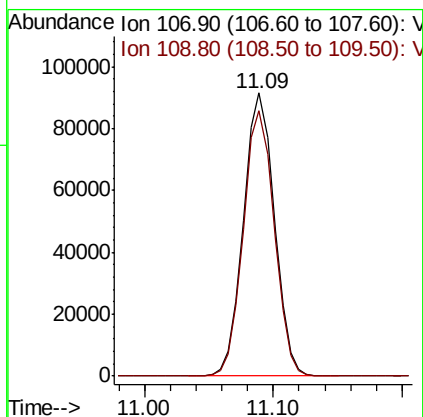
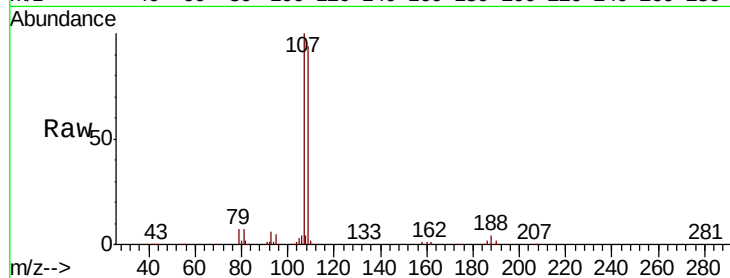




#61
 1,2-Dibromoethane
 Concen: 52.385 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

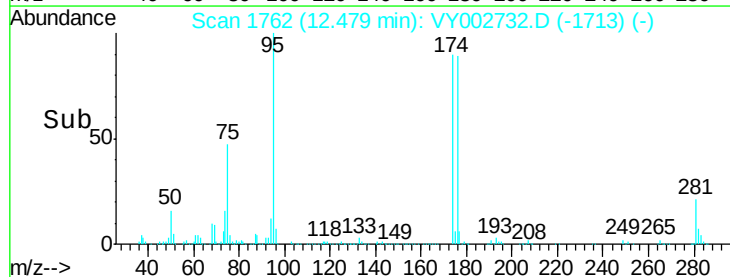
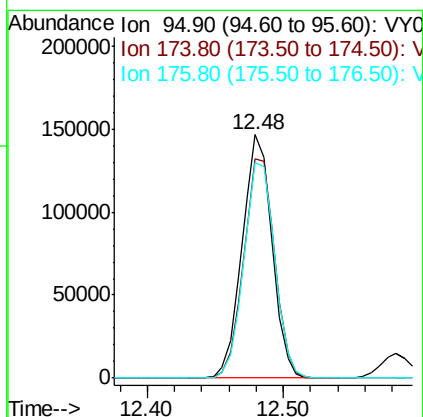
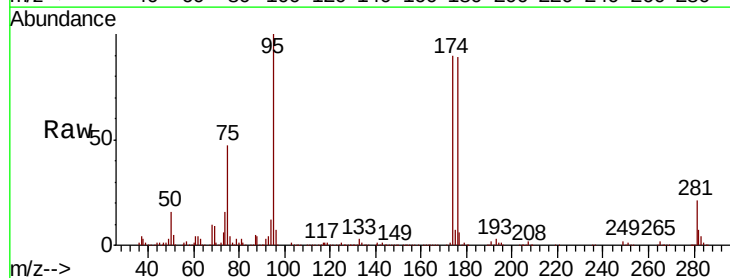
Instrument :
 MSVOA_Y
 ClientSampled :

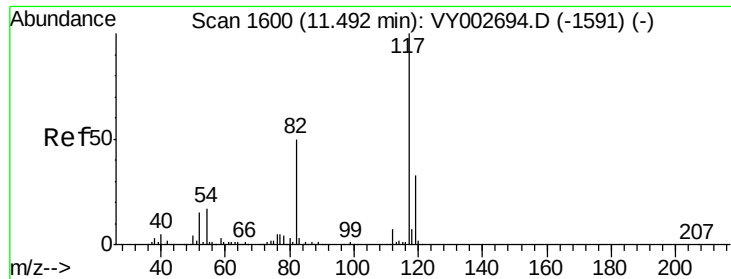
Tot Ion: 107 Resp: 151285
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.314 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

Tgt Ion: 95 Resp: 225126
 Ion Ratio Lower Upper
 95 100
 174 93.6 0.0 191.4
 176 91.6 0.0 186.0

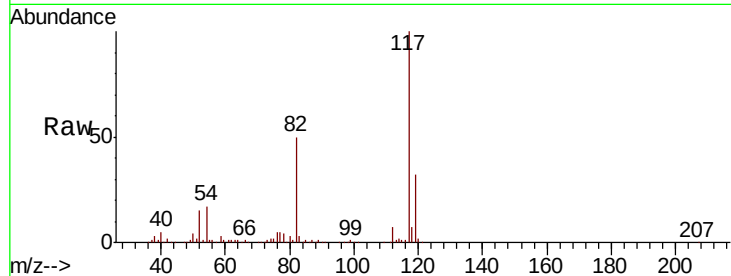




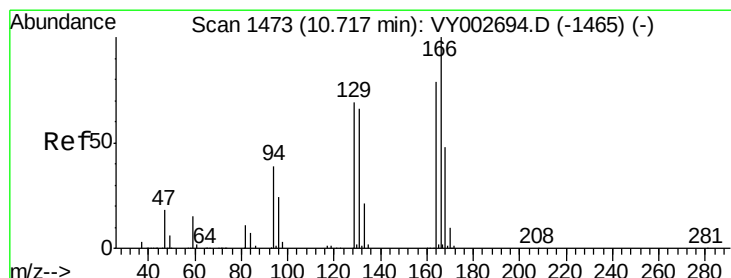
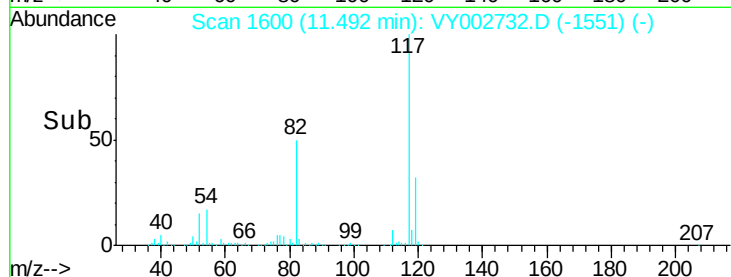
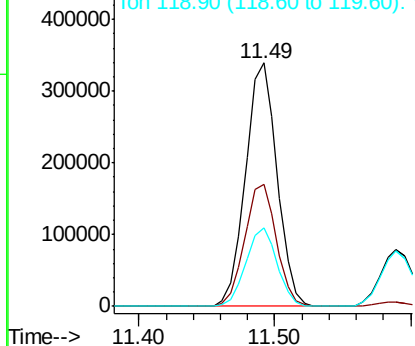
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 549913
Ion Ratio Lower Upper
117 100
82 50.0 40.3 60.5
119 32.5 26.2 39.4

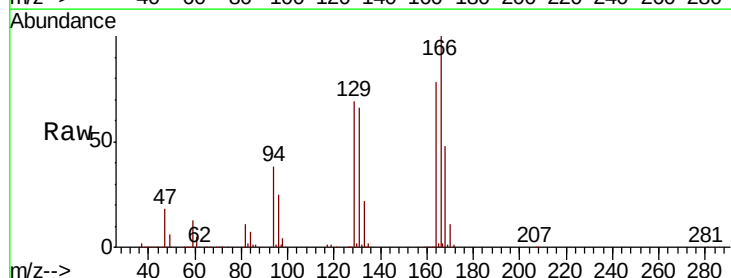


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

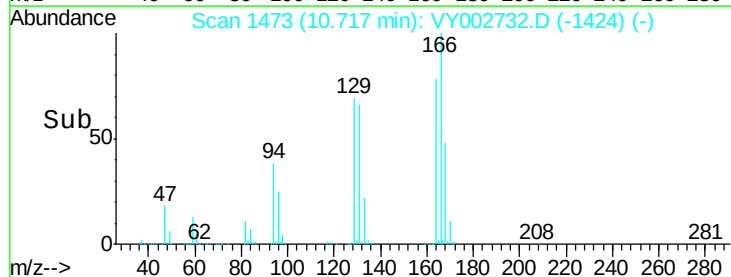
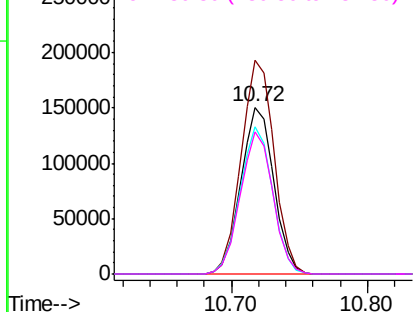


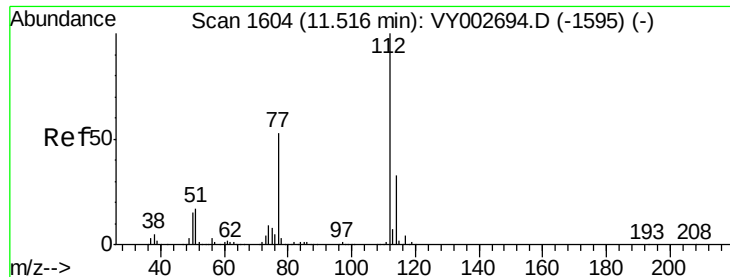
#64
Tetrachloroethene
Concen: 48.658 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion:164 Resp: 254030
Ion Ratio Lower Upper
164 100
166 128.0 101.6 152.4
129 88.4 70.2 105.4
131 84.8 67.4 101.0



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

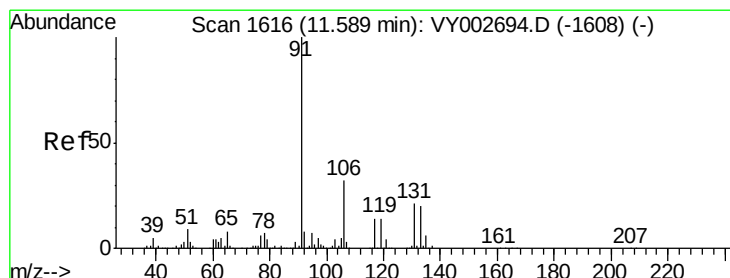
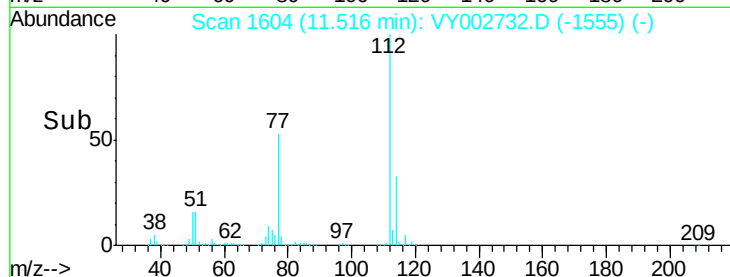
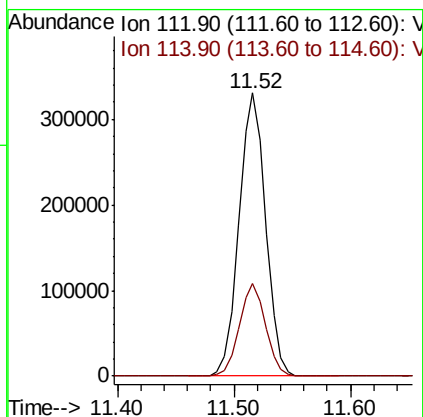
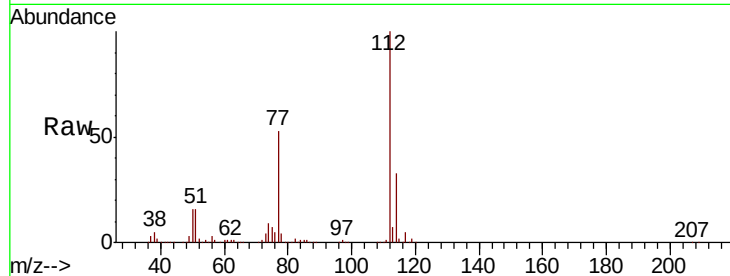




#65
Chlorobenzene
Concen: 49.558 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

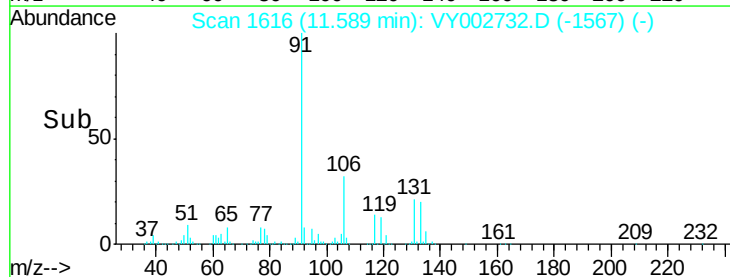
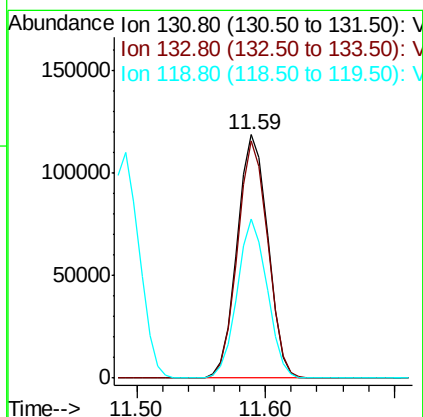
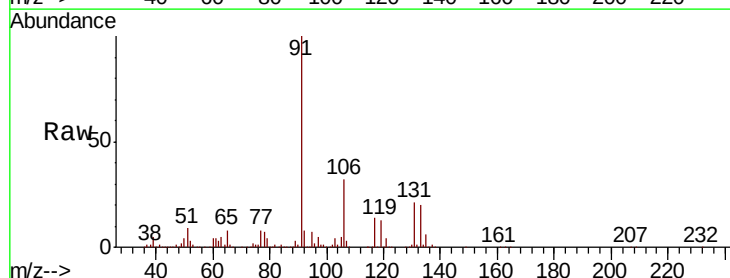
Instrument :
MSVOA_Y
ClientSampleId :

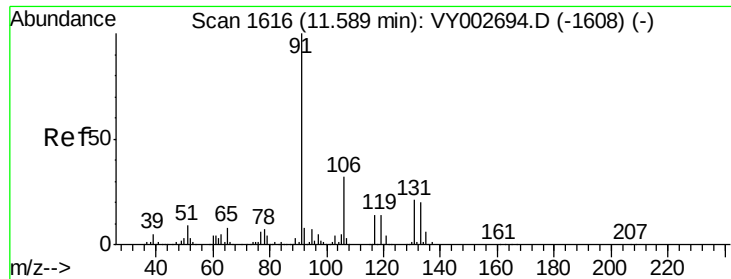
Tot Ion:112 Resp: 526618
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.663 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion:131 Resp: 195864
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.3
119 63.9 31.6 94.8





#67

Ethyl Benzene

Concen: 49.254 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

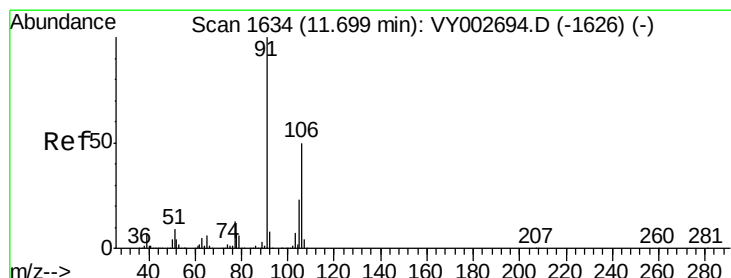
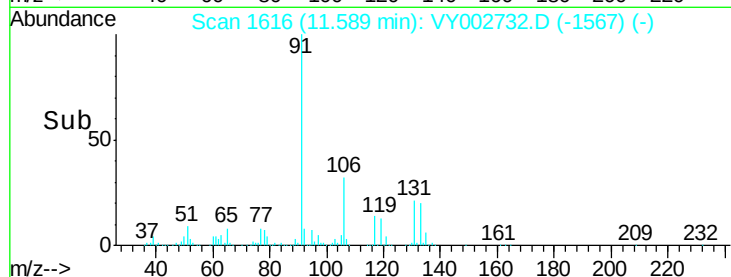
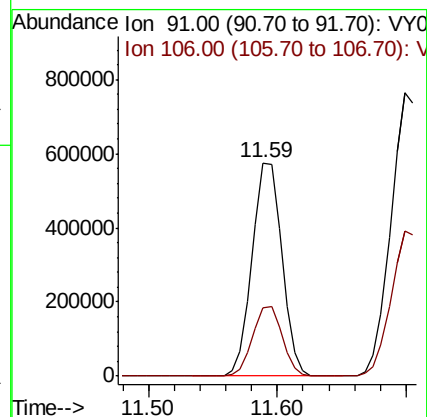
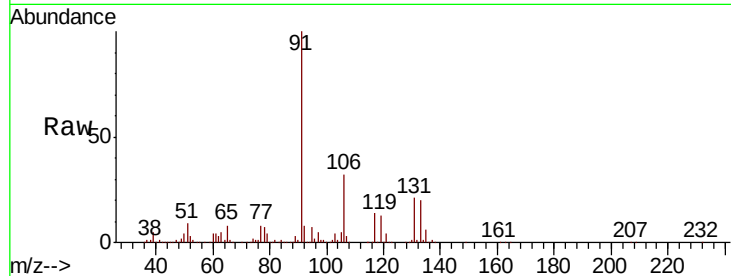
ClientSampled :

Tot Ion: 91 Resp: 918975

Ion Ratio Lower Upper

91 100

106 31.8 26.0 39.0



#68

m/p-Xylenes

Concen: 98.350 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002732.D

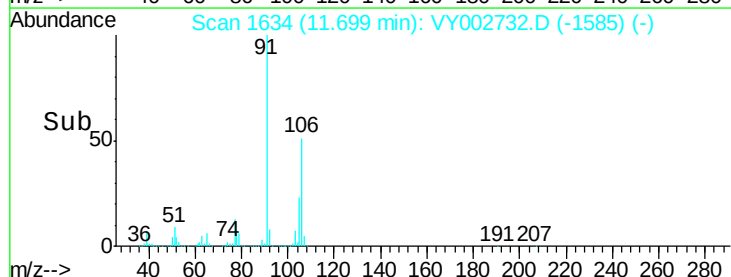
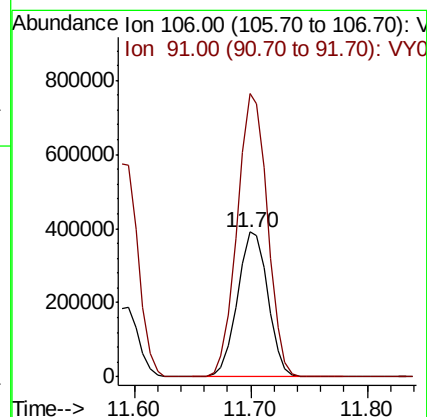
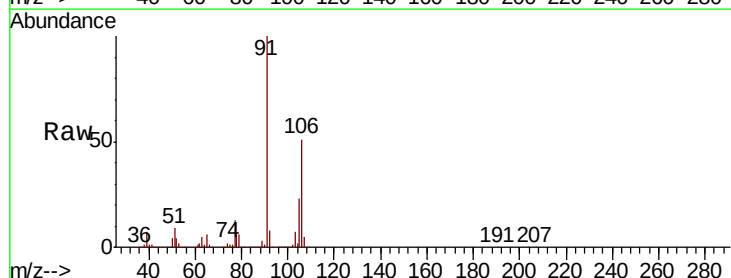
Acq: 21 May 2020 10:39

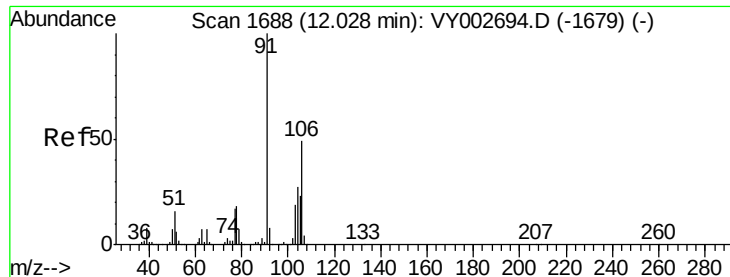
Tgt Ion: 106 Resp: 713910

Ion Ratio Lower Upper

106 100

91 194.0 156.2 234.4

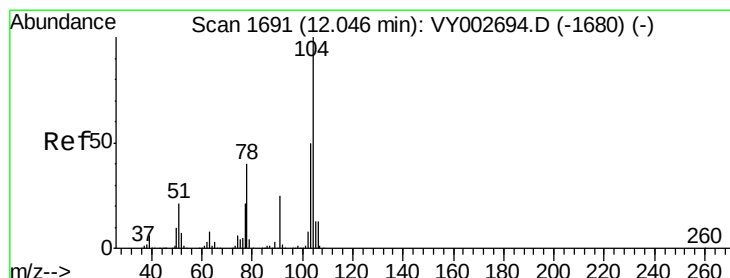
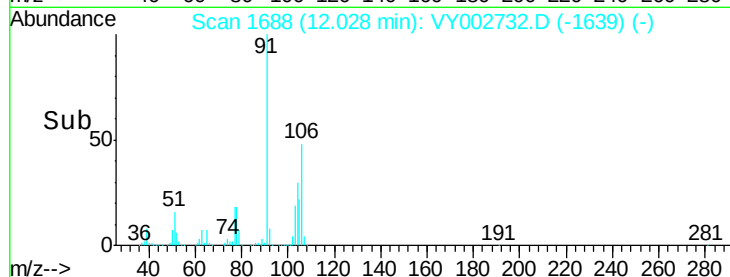
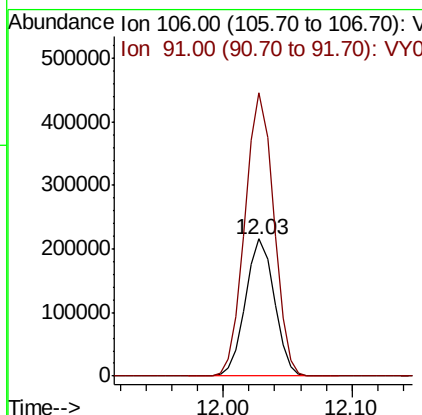
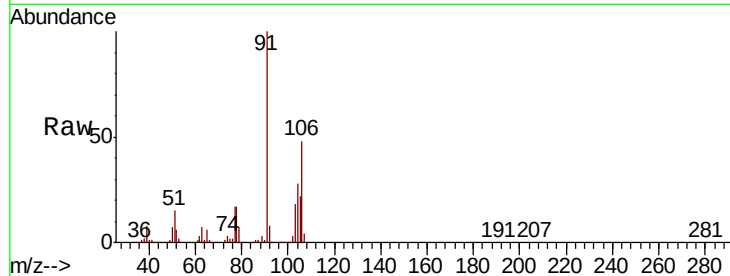




#69
o-Xylene
Concen: 49.088 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

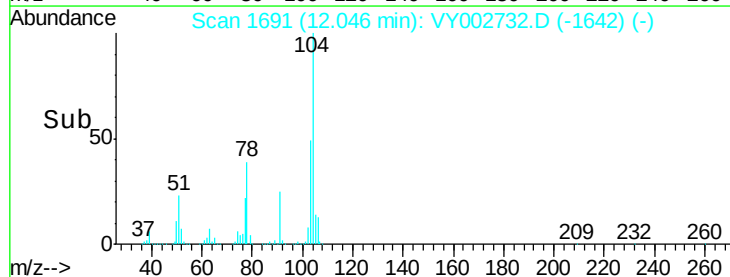
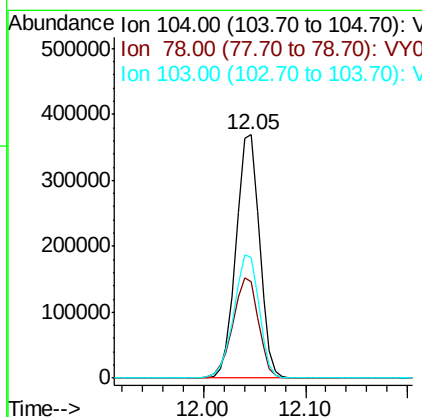
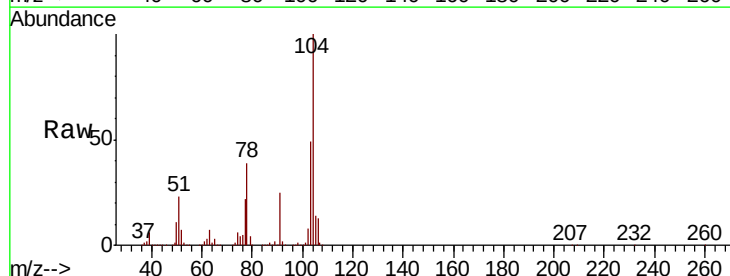
Instrument :
MSVOA_Y
ClientSampled :

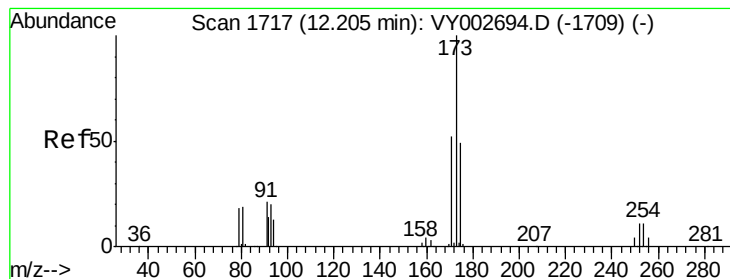
Tot Ion:106 Resp: 334434
Ion Ratio Lower Upper
106 100
91 206.0 103.5 310.3



#70
Styrene
Concen: 49.912 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion:104 Resp: 583844
Ion Ratio Lower Upper
104 100
78 45.2 36.6 54.8
103 54.5 44.1 66.1





#71

Bromoform

Concen: 51.929 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampled :

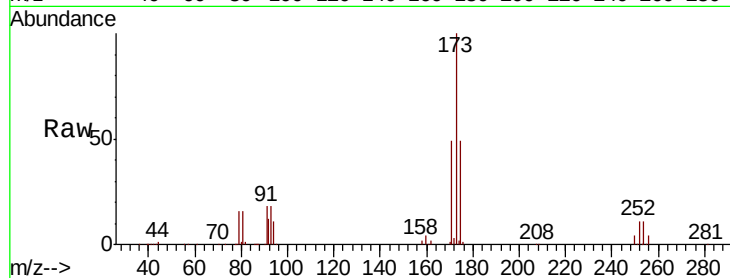
Tot Ion:173 Resp: 126595

Ion Ratio Lower Upper

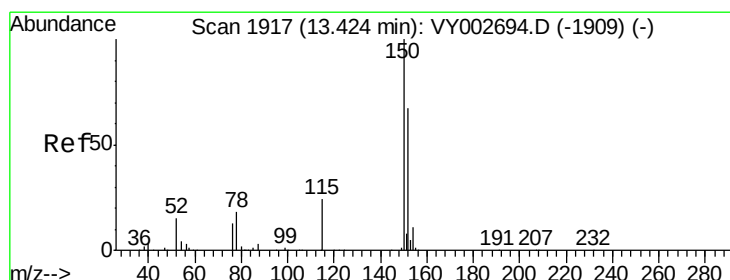
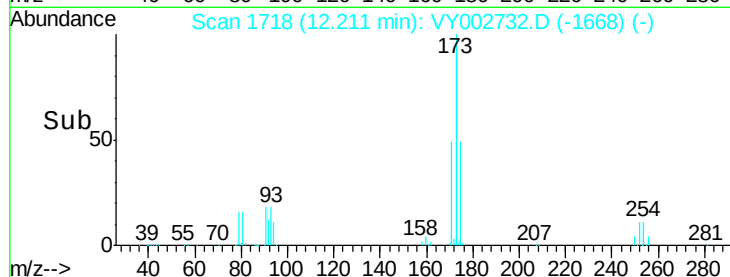
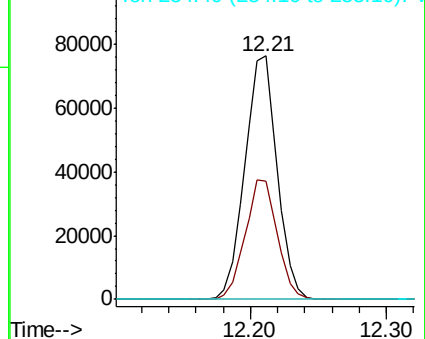
173 100

175 49.1 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: VY002732.D

Acq: 21 May 2020 10:39

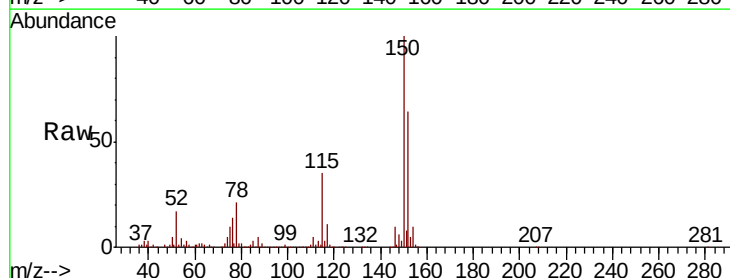
Tgt Ion:152 Resp: 278494

Ion Ratio Lower Upper

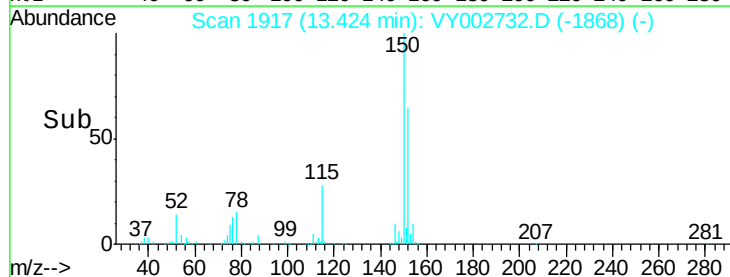
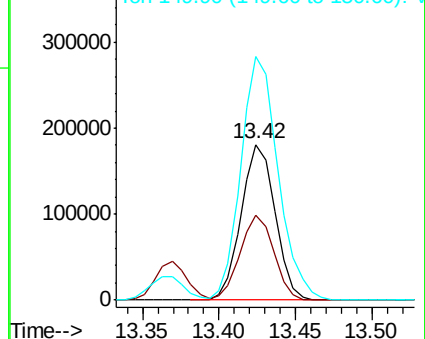
152 100

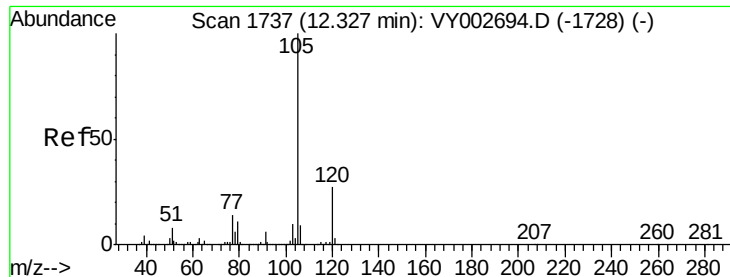
115 54.6 27.2 81.6

150 172.0 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: 50.555 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

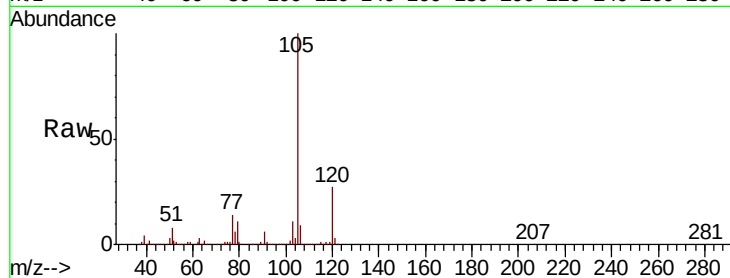
ClientSampleId :

Tot Ion:105 Resp: 919970

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

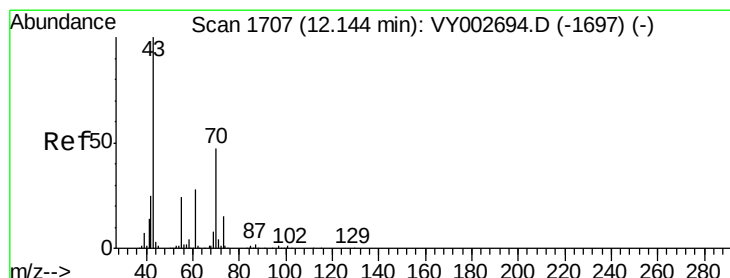
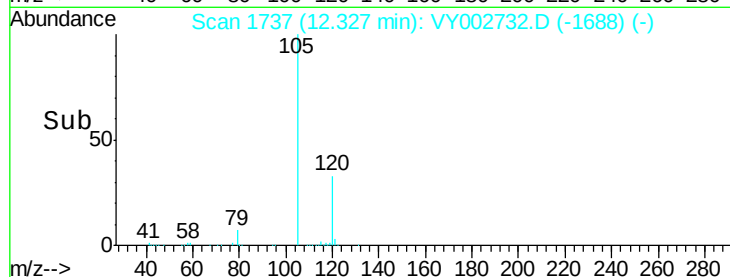
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 54.905 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Tgt Ion: 43 Resp: 234454

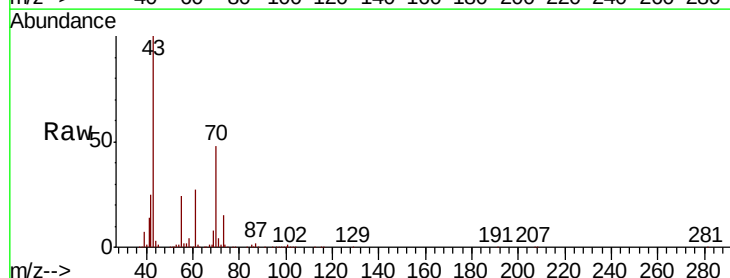
Ion Ratio Lower Upper

43 100

70 47.2 37.7 56.5

55 24.3 19.4 29.0

61 26.5 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

250000

200000

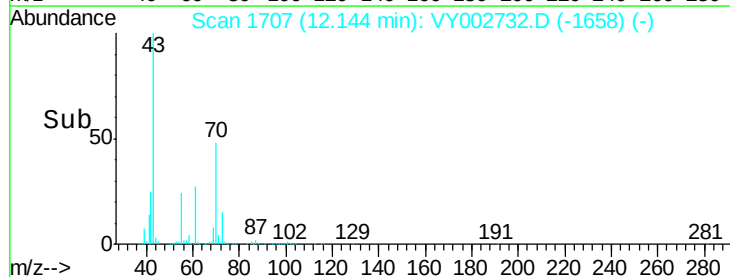
150000

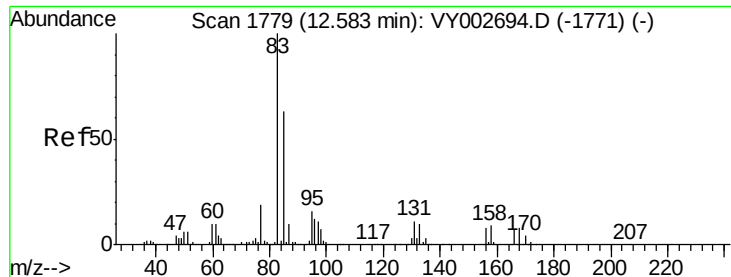
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.931 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampled :

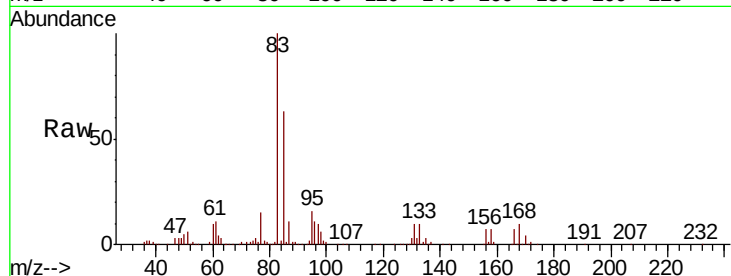
Tot Ion: 83 Resp: 147199

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.3

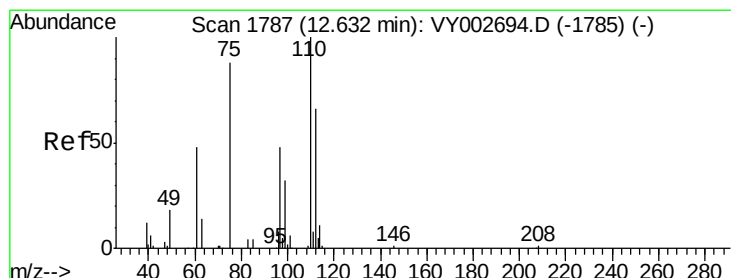
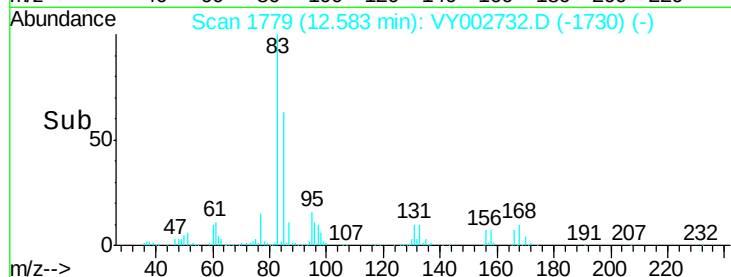
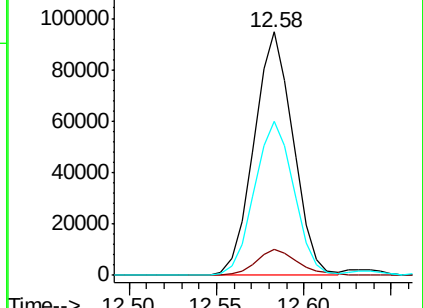
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002732.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002732.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002732.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 101.285 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002732.D

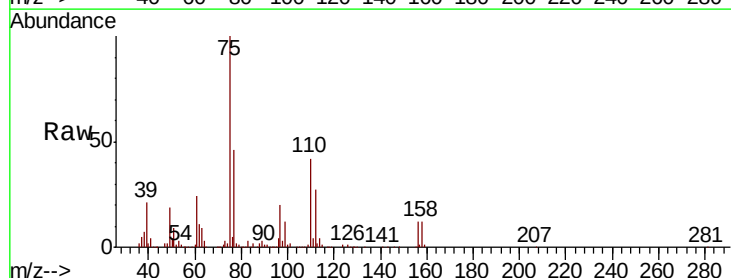
Acq: 21 May 2020 10:39

Tgt Ion: 75 Resp: 231714

Ion Ratio Lower Upper

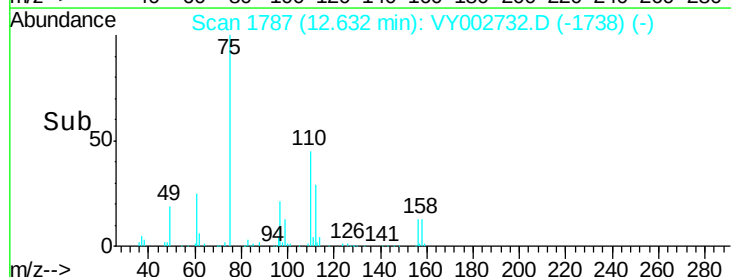
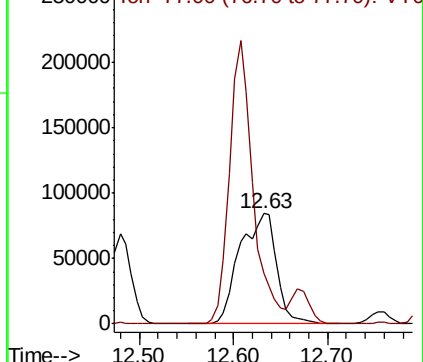
75 100

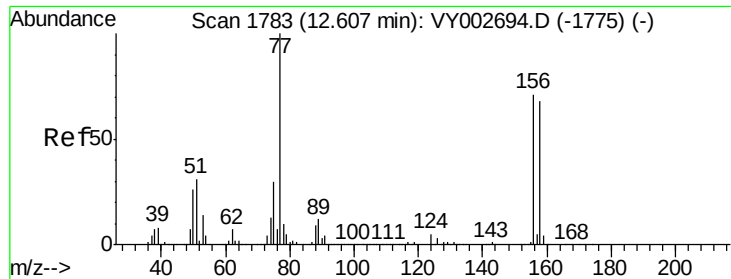
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002732.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002732.D (-1738) (-)





#77

Bromobenzene

Concen: 50.667 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

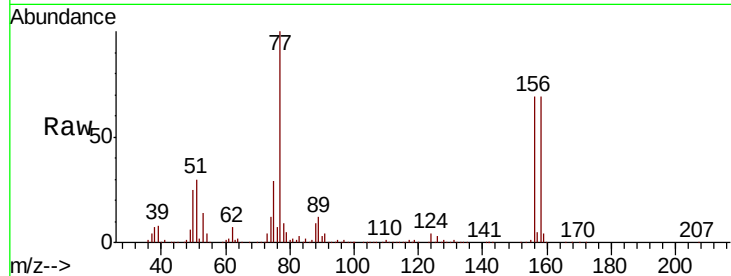
Tot Ion:156 Resp: 230508

Ion Ratio Lower Upper

156 100

77 164.8 80.8 242.3

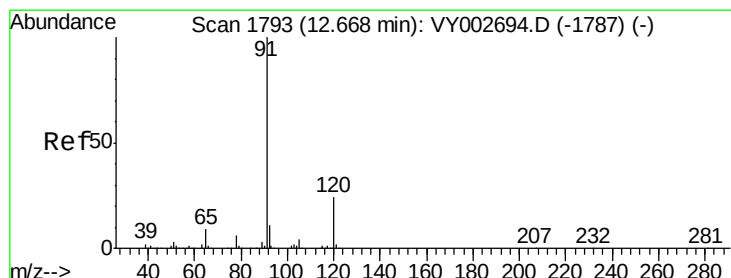
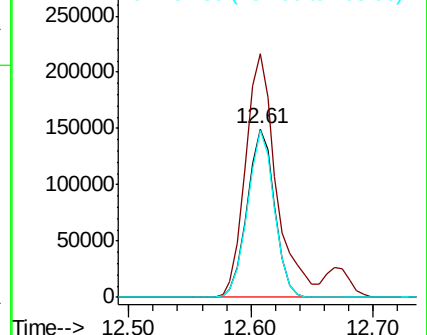
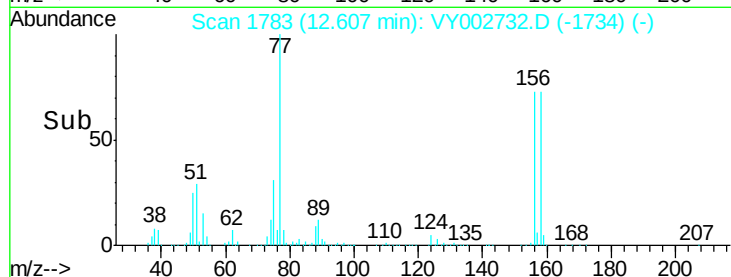
158 97.2 49.0 147.0



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: 50.206 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002732.D

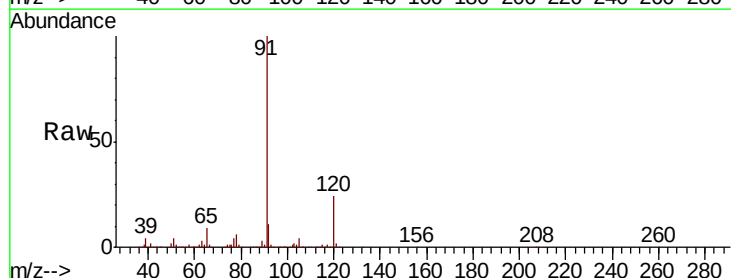
Acq: 21 May 2020 10:39

Tgt Ion: 91 Resp: 1062817

Ion Ratio Lower Upper

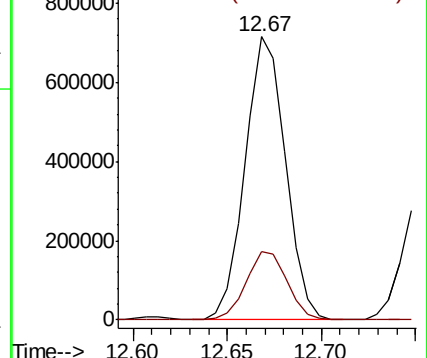
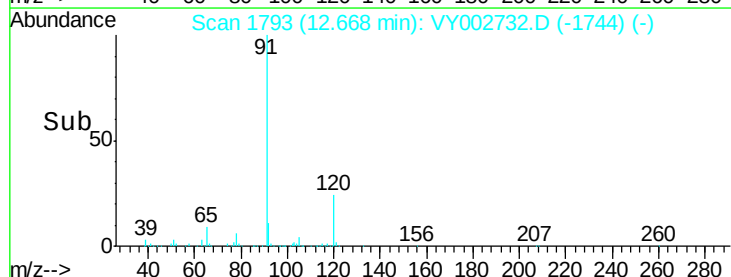
91 100

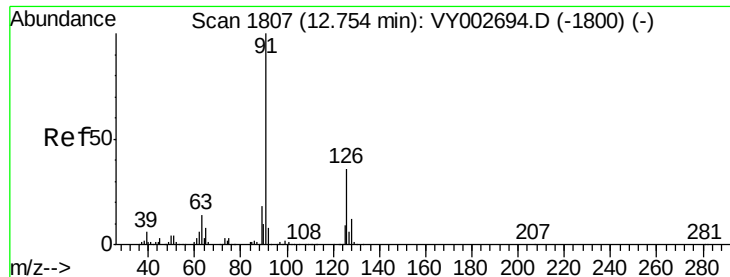
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.844 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

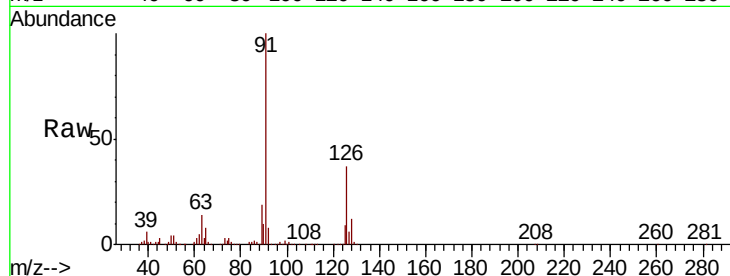
ClientSampleId :

Tot Ion: 91 Resp: 585232

Ion Ratio Lower Upper

91 100

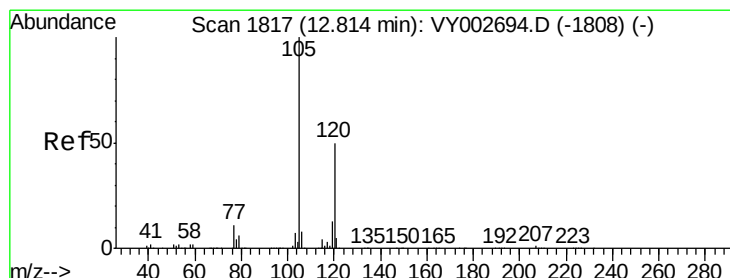
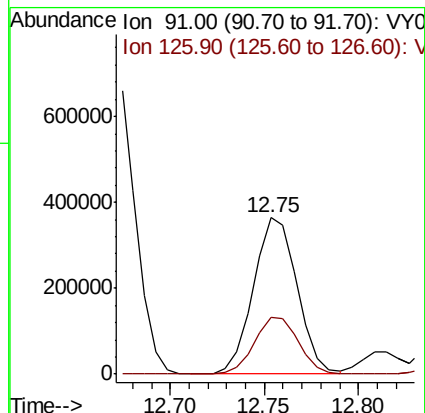
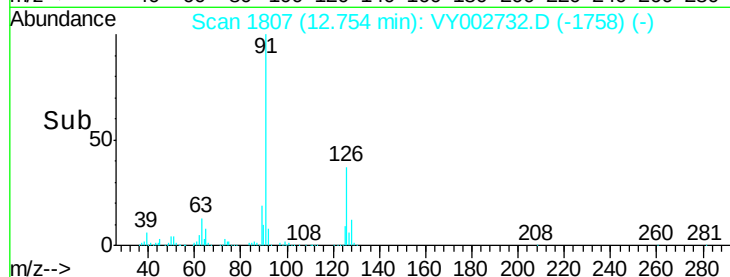
126 36.8 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VY002732.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY002732.D (-1758) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.978 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002732.D

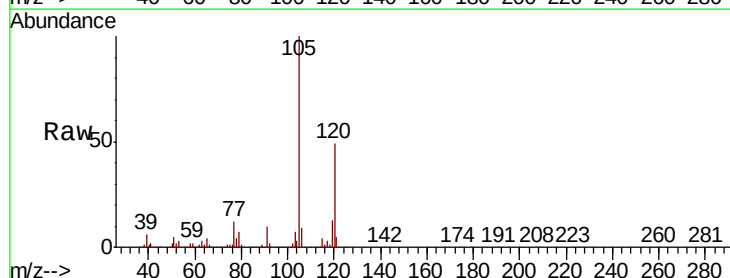
Acq: 21 May 2020 10:39

Tgt Ion: 105 Resp: 764189

Ion Ratio Lower Upper

105 100

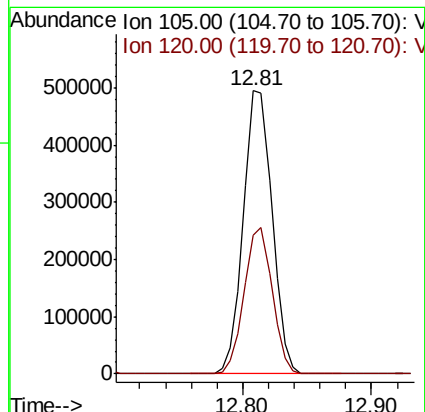
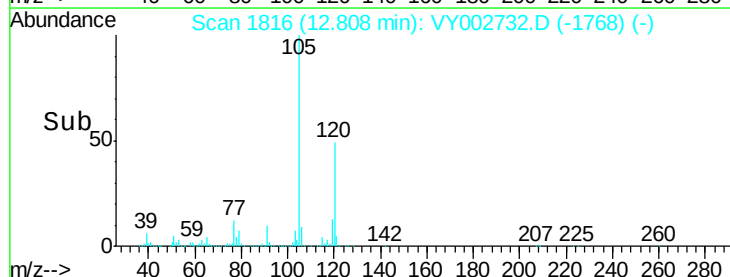
120 50.5 25.1 75.4

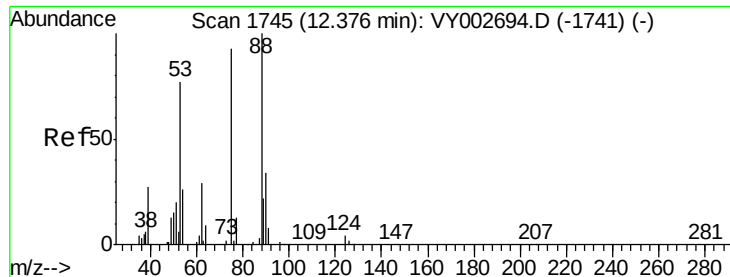


Abundance Ion 105.00 (104.70 to 105.70): VY002732.D (-1768) (-)

Ion 120.00 (119.70 to 120.70): VY002732.D (-1768) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 55.004 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

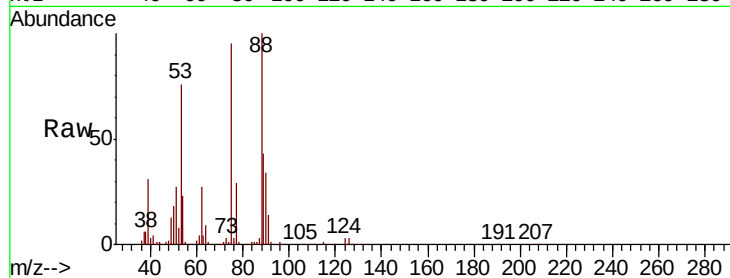
Tot Ion: 75 Resp: 66536

Ion Ratio Lower Upper

75 100

53 80.0 65.0 97.6

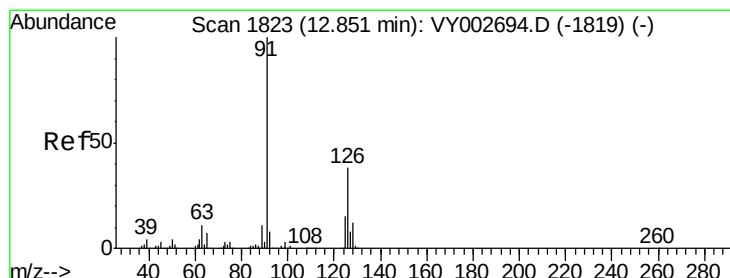
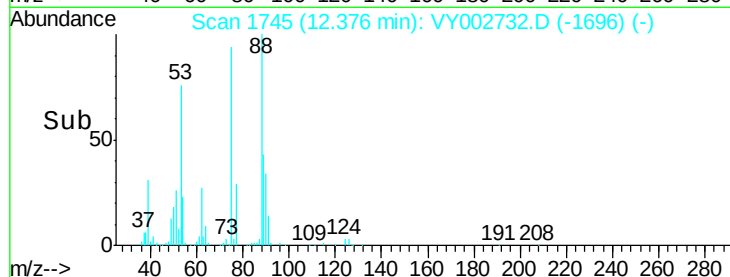
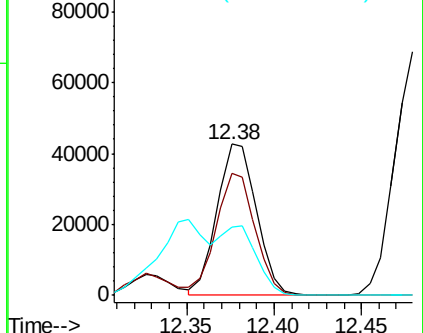
89 43.5 66.6 99.8#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 49.784 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002732.D

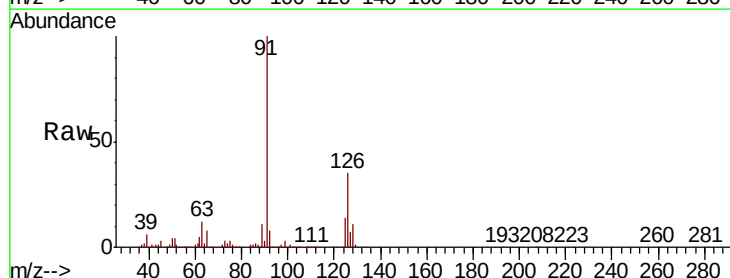
Acq: 21 May 2020 10:39

Tgt Ion: 91 Resp: 612281

Ion Ratio Lower Upper

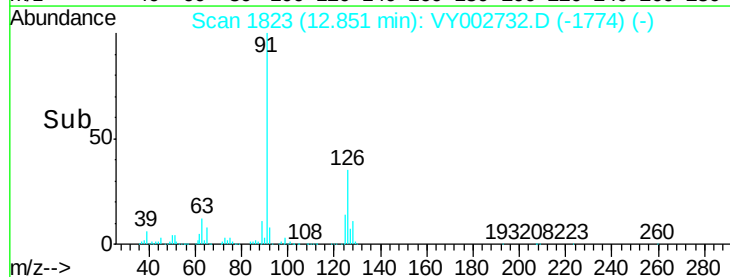
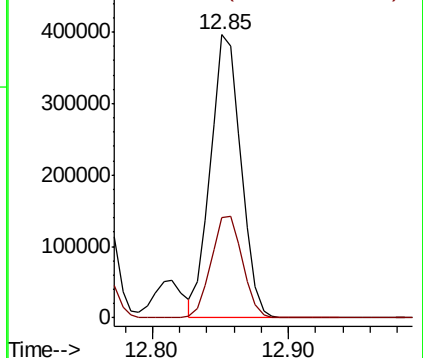
91 100

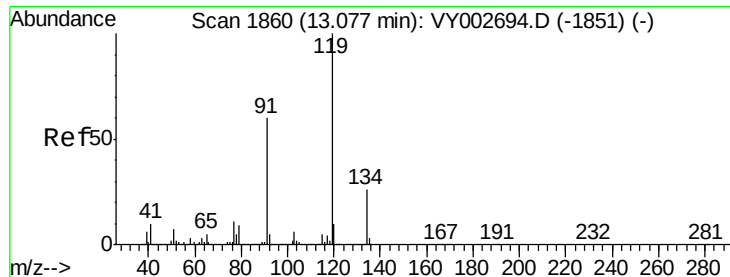
126 37.2 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

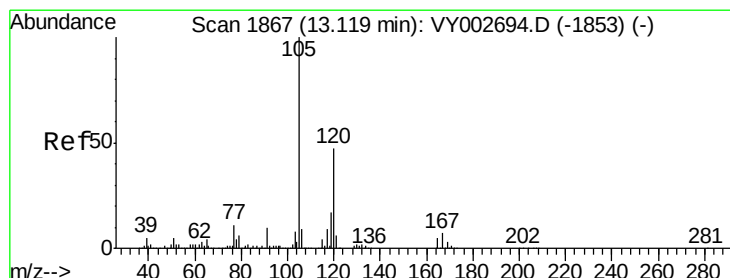
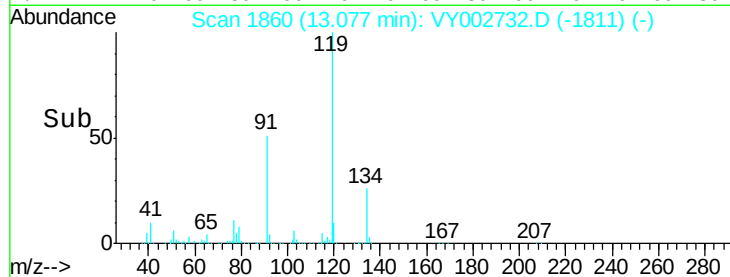
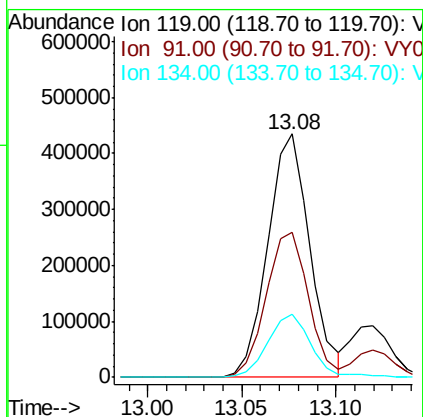
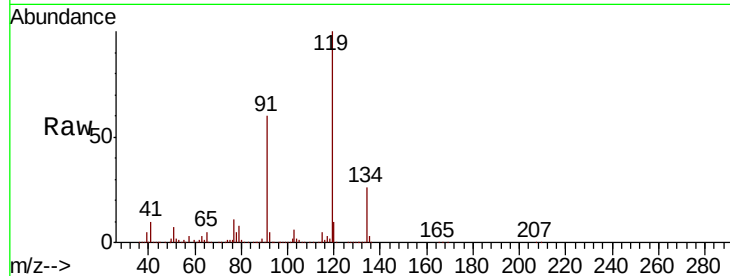




#83
tert-Butylbenzene
Concen: 49.755 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

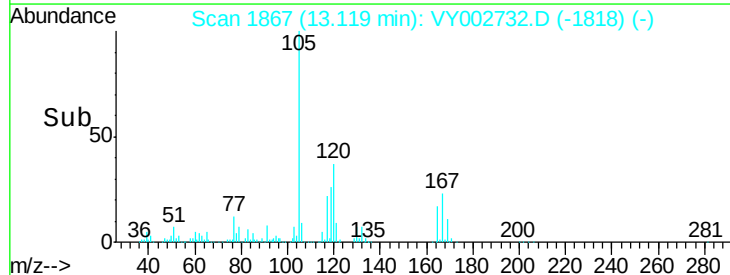
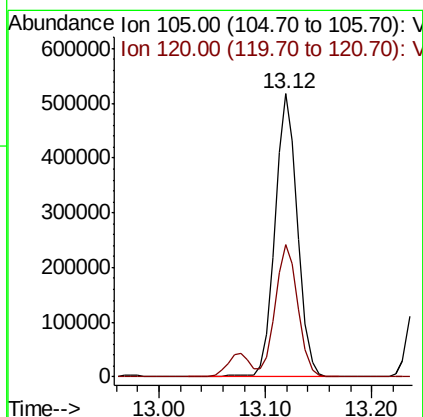
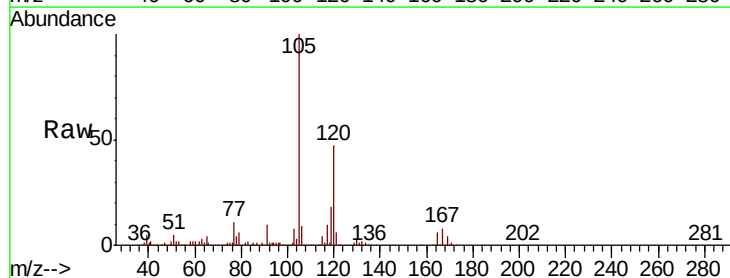
Instrument :
MSVOA_Y
ClientSampled :

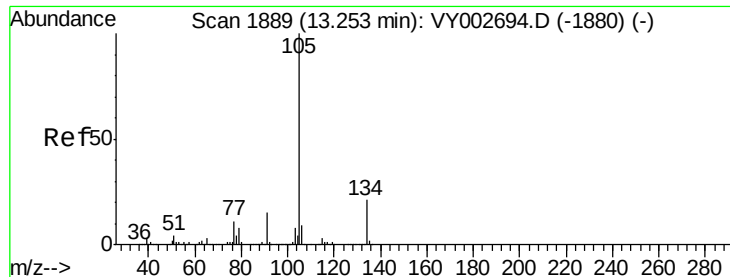
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.4	91.2
134	26.7	13.4	40.2



#84
1,2,4-Trimethylbenzene
Concen: 49.639 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.5	70.5





#85

sec-Butylbenzene

Concen: 49.548 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

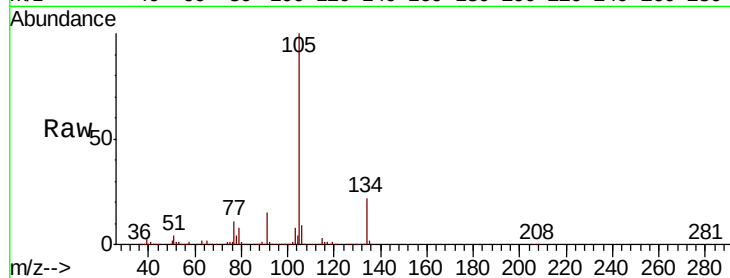
ClientSampleId :

Tot Ion:105 Resp: 925230

Ion Ratio Lower Upper

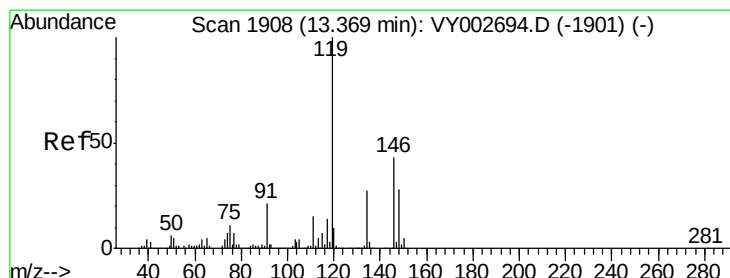
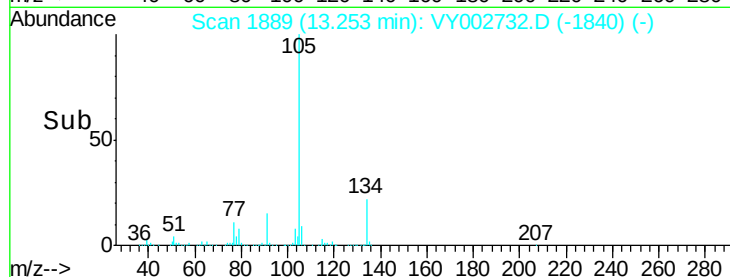
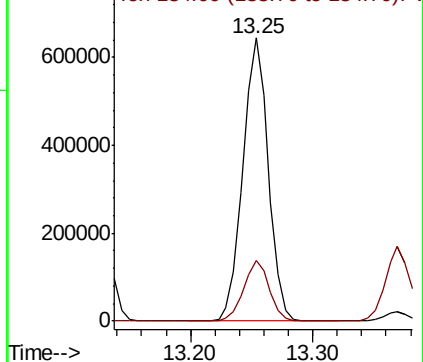
105 100

134 21.6 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: 49.570 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

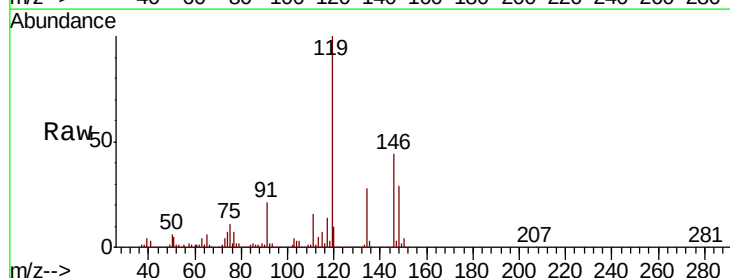
Tgt Ion:119 Resp: 866414

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

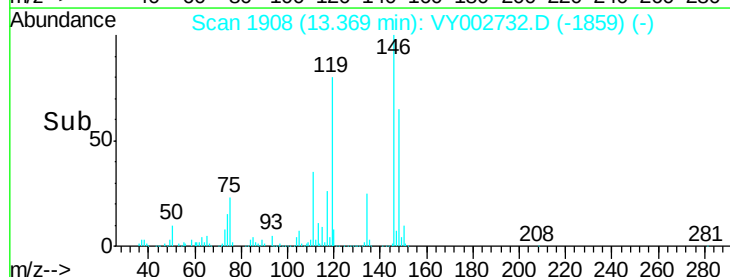
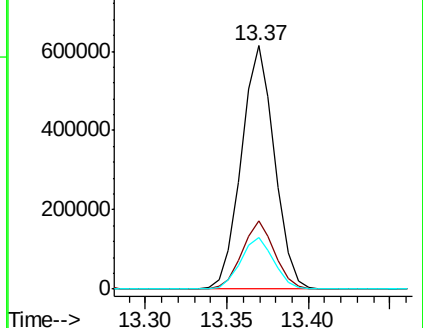
91 21.3 10.8 32.3

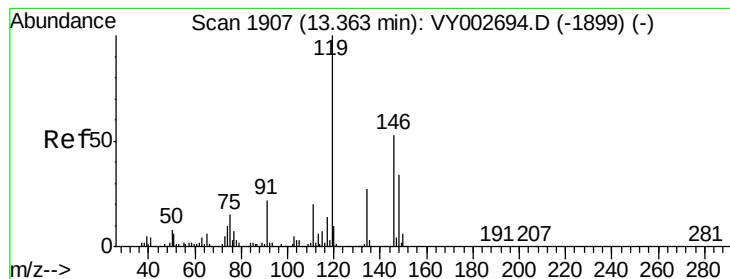


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 49.390 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

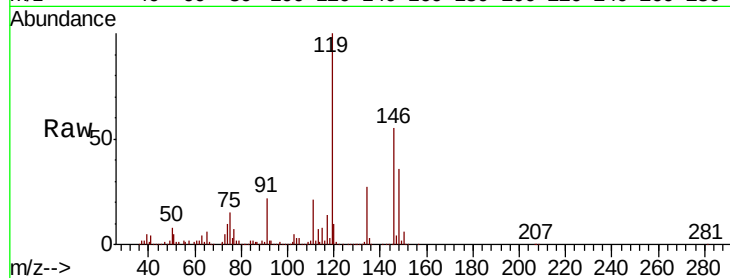
Tot Ion:146 Resp: 433239

Ion Ratio Lower Upper

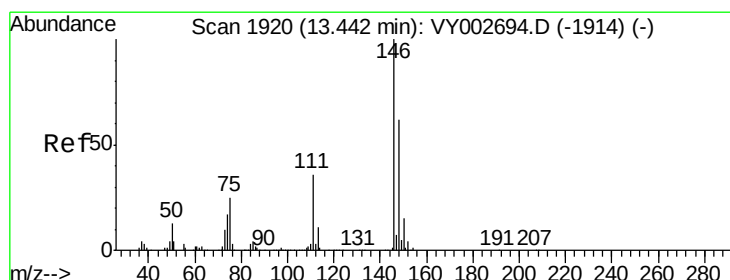
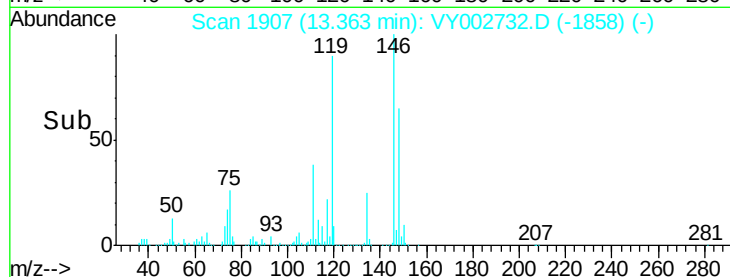
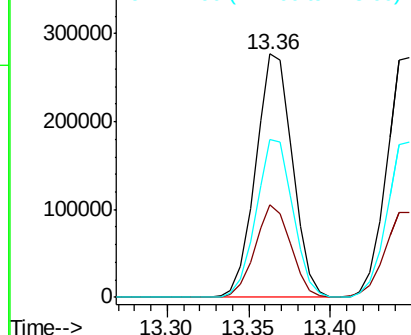
146 100

111 37.0 18.5 55.5

148 64.6 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: 49.099 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

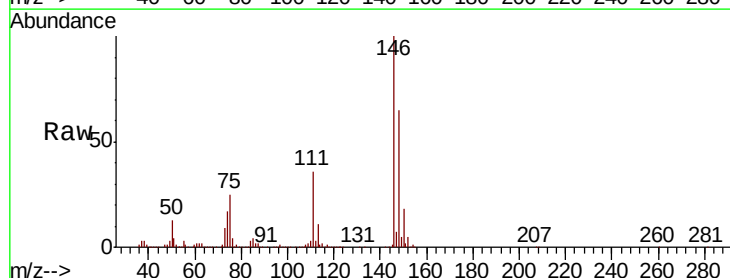
Tgt Ion:146 Resp: 428780

Ion Ratio Lower Upper

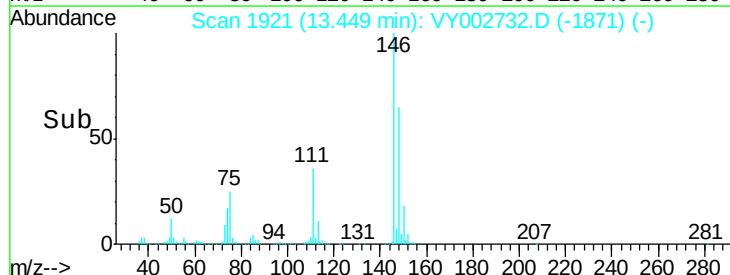
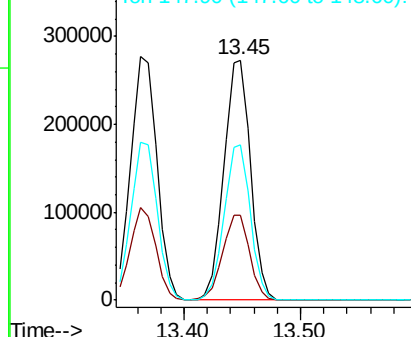
146 100

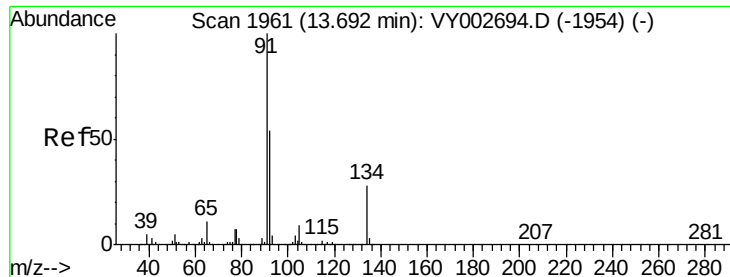
111 35.9 18.1 54.4

148 63.8 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

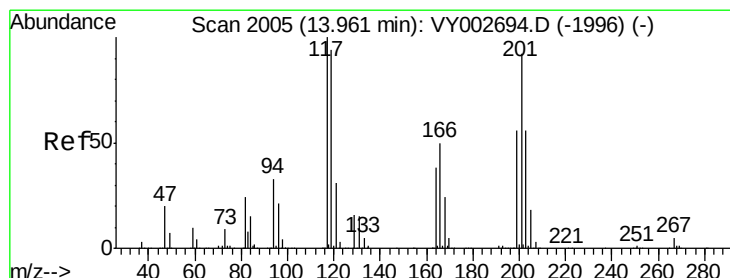
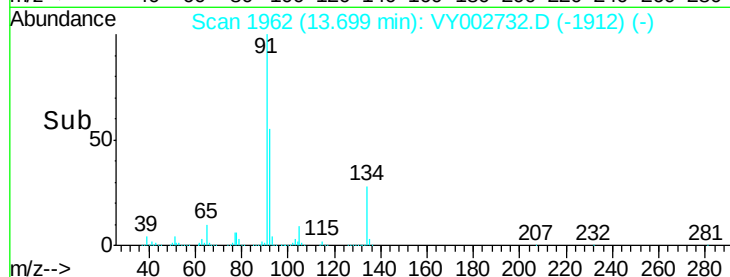
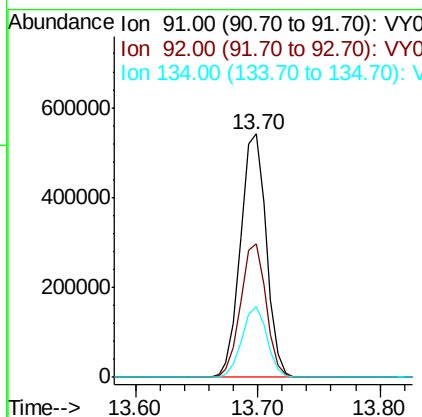
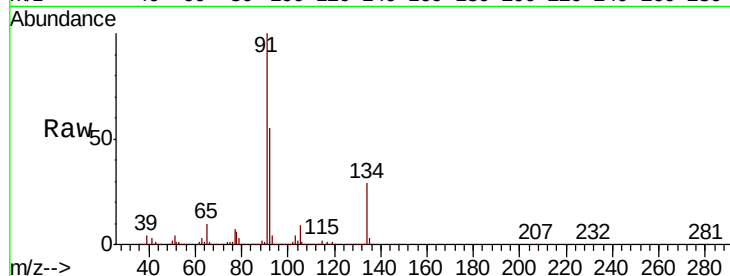




#89
n-Butylbenzene
Concen: 49.151 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

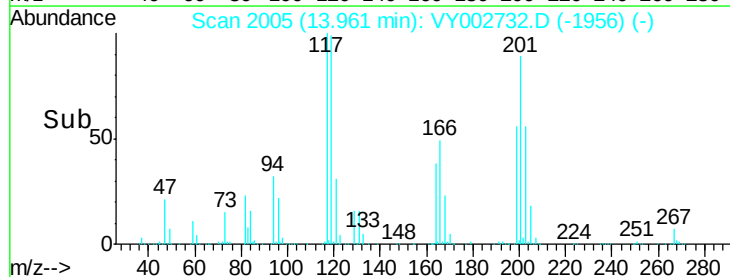
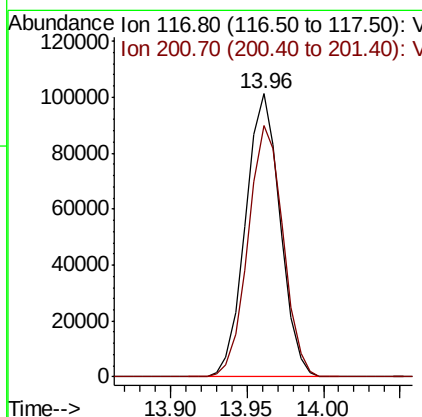
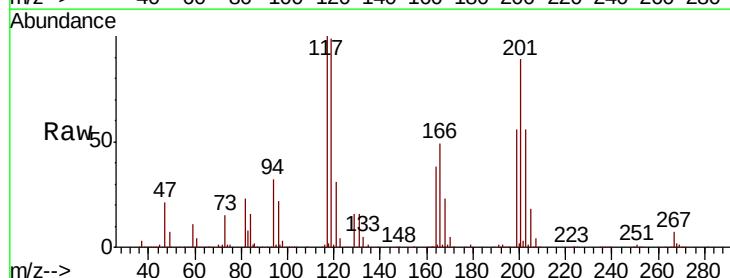
Instrument :
MSVOA_Y
ClientSampleId :

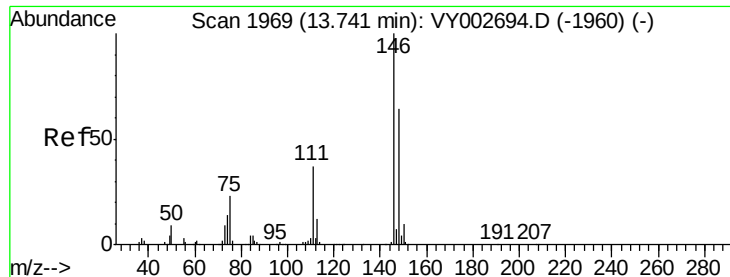
Tot Ion: 91 Resp: 788938
Ion Ratio Lower Upper
91 100
92 54.4 26.8 80.4
134 28.6 14.5 43.5



#90
Hexachloroethane
Concen: 49.352 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002732.D
Acq: 21 May 2020 10:39

Tgt Ion: 117 Resp: 159772
Ion Ratio Lower Upper
117 100
201 89.6 44.9 134.7

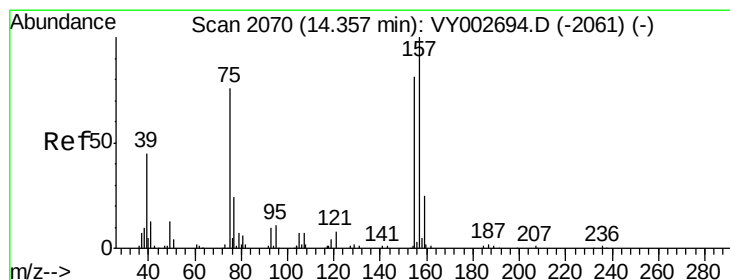
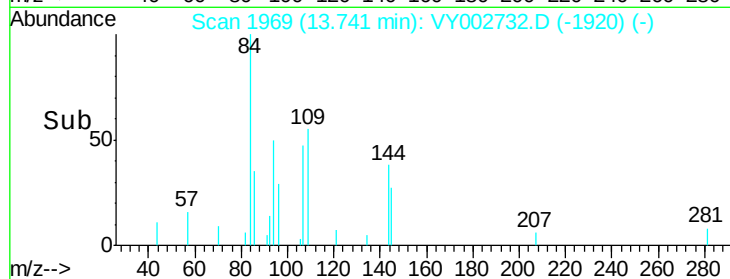
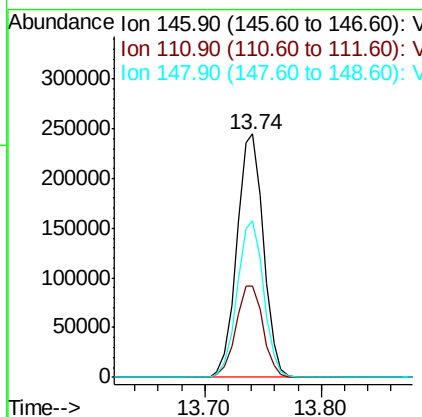
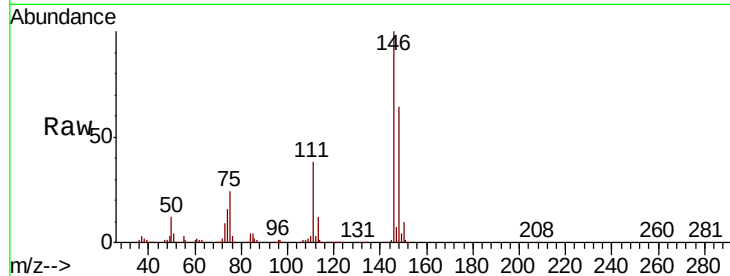




#91
 1,2-Dichlorobenzene
 Concen: 49.345 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

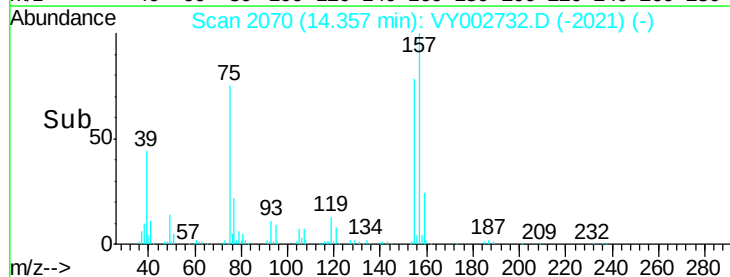
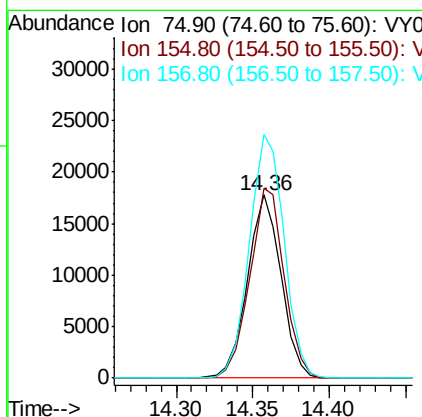
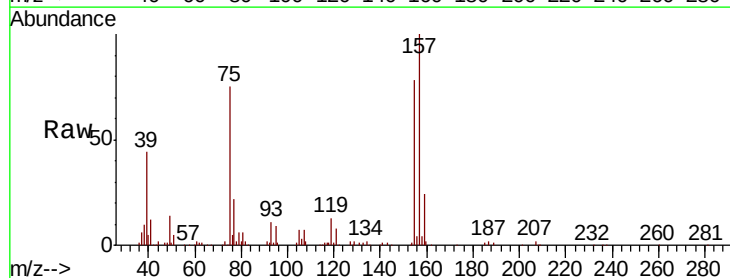
Instrument :
 MSVOA_Y
 ClientSampleId :

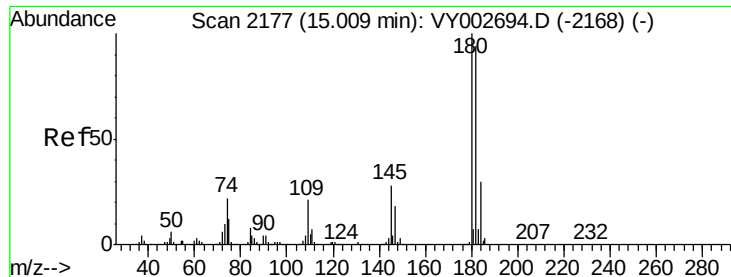
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	64.2	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.929 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.8	53.5	160.7
157	137.2	67.9	203.7

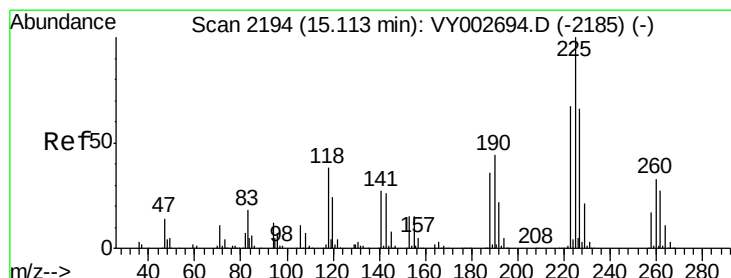
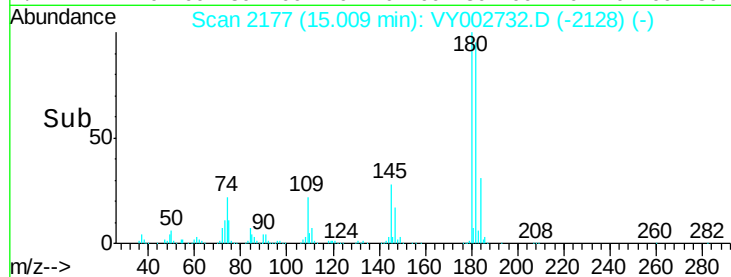
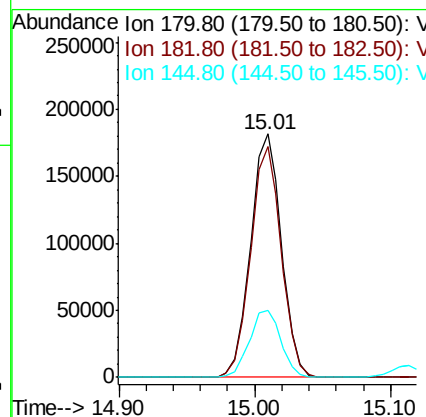
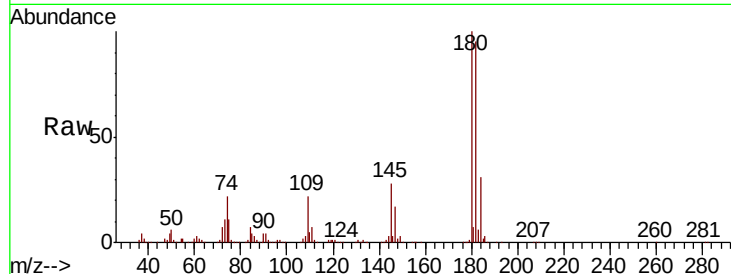




#93
 1,2,4-Trichlorobenzene
 Concen: 50.780 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

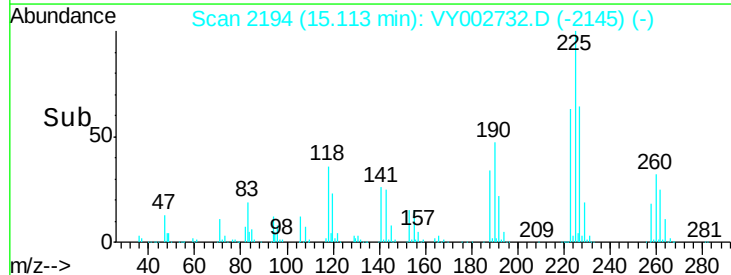
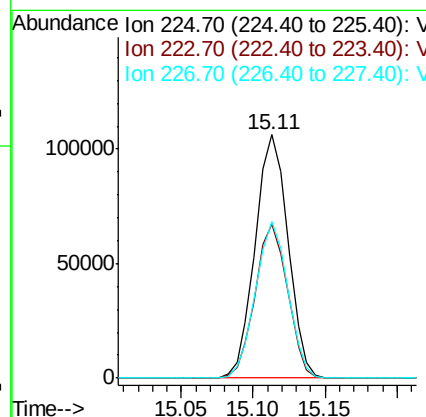
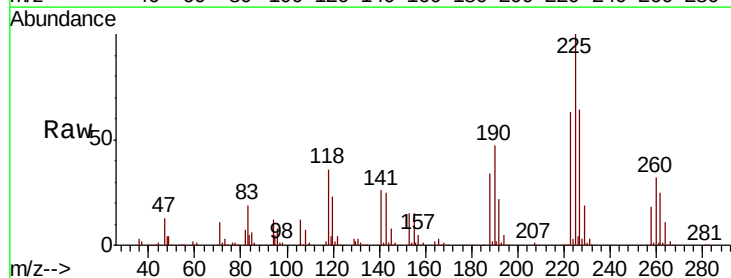
Instrument :
 MSVOA_Y
 ClientSampled :

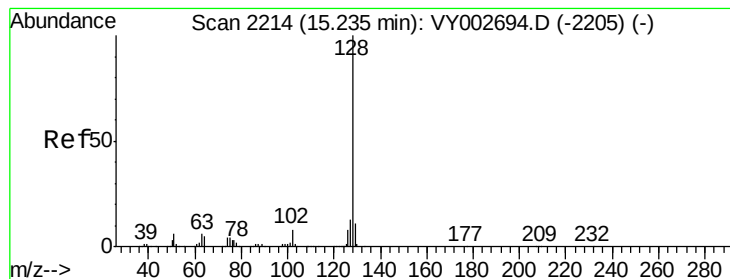
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	142.0
145	28.2	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 49.506 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002732.D
 Acq: 21 May 2020 10:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.6	94.8
227	63.3	32.2	96.6





#95

Naphthalene

Concen: 49.274 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

Instrument :

MSVOA_Y

ClientSampleId :

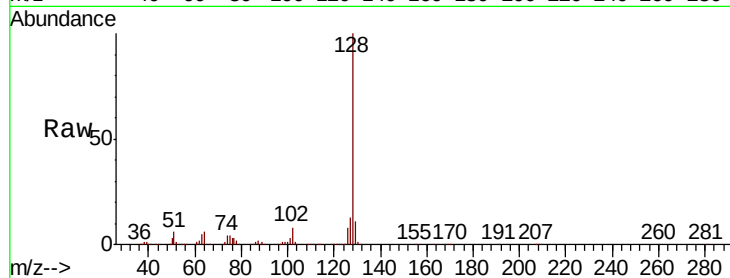
Tot Ion:128 Resp: 533849

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

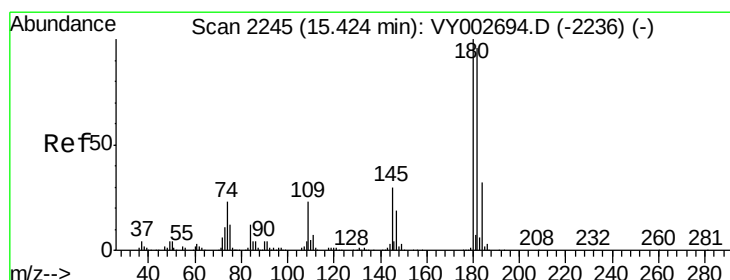
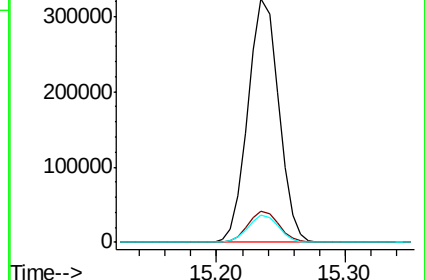
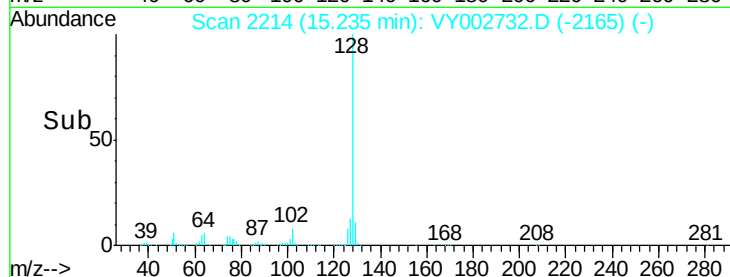
129 11.1 8.7 13.1



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: 49.735 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002732.D

Acq: 21 May 2020 10:39

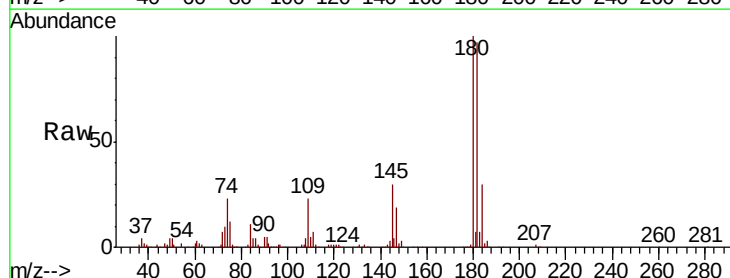
Tgt Ion:180 Resp: 240115

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.9

145 30.5 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

