

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002616.D
 Acq On : 06 May 2020 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 07 04:15:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	383413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	572280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	512868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	263743	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	149701	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
35) Dibromofluoromethane	7.74	113	157147	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	10.19	98	616004	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.49	95	208001	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	151986	48.046	ug/l	98
3) Chloromethane	2.12	50	158779	51.114	ug/l	99
4) Vinyl Chloride	2.26	62	182446	50.865	ug/l	97
5) Bromomethane	2.66	94	124944	50.511	ug/l	99
6) Chloroethane	2.80	64	109741	51.240	ug/l	96
7) Trichlorofluoromethane	3.14	101	279523	50.282	ug/l	99
8) Diethyl Ether	3.55	74	98209	52.570	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	174260	51.289	ug/l	99
10) Methyl Iodide	4.11	142	245973	53.139	ug/l	98
11) Tert butyl alcohol	4.99	59	82373	248.355	ug/l	100
12) 1,1-Dichloroethene	3.89	96	169988	51.502	ug/l	97
13) Acrolein	3.75	56	46296	201.854	ug/l	97
14) Allyl chloride	4.50	41	253380	52.688	ug/l	98
15) Acrylonitrile	5.19	53	232430	263.831	ug/l	99
16) Acetone	3.97	43	175146	263.249	ug/l	99
17) Carbon Disulfide	4.21	76	517017	52.068	ug/l	100
18) Methyl Acetate	4.50	43	113353	50.991	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	446576	51.860	ug/l	100
20) Methylene Chloride	4.74	84	181354	48.744	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	187174	51.885	ug/l	97
22) Diisopropyl ether	6.14	45	505158	51.915	ug/l	97
23) Vinyl Acetate	6.09	43	1612519	263.506	ug/l	100
24) 1,1-Dichloroethane	6.05	63	299079	51.955	ug/l	99
25) 2-Butanone	7.01	43	284324	261.065	ug/l	98
26) 2,2-Dichloropropane	7.00	77	268955	49.153	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	204018	51.111	ug/l	99
28) Bromochloromethane	7.36	49	127387	54.010	ug/l	99
29) Tetrahydrofuran	7.37	42	193191	268.111	ug/l	100
30) Chloroform	7.53	83	304087	50.804	ug/l	99
31) Cyclohexane	7.80	56	286072	49.370	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	281971	50.684	ug/l	99
36) 1,1-Dichloropropene	7.94	75	246161	51.310	ug/l	100
37) Ethyl Acetate	7.10	43	131266	53.245	ug/l	99
38) Carbon Tetrachloride	7.92	117	263232	50.257	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.20	83	327006	51.606	ug/l	99
40) Benzene	8.18	78	708602	51.140	ug/l	100
41) Methacrylonitrile	7.36	41	174696	131.794	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	190044	48.897	ug/l	99
43) Isopropyl Acetate	8.29	43	242891	52.554	ug/l	99
44) Trichloroethene	8.96	130	224112	51.755	ug/l	99
45) 1,2-Dichloropropane	9.23	63	171686	51.340	ug/l	100
46) Dibromomethane	9.32	93	96801	50.311	ug/l	99
47) Bromodichloromethane	9.51	83	235539	50.346	ug/l	99
48) Methyl methacrylate	9.31	41	113758	54.386	ug/l	98
49) 1,4-Dioxane	9.31	88	28690	1126.188	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	643487	270.120	ug/l	100
52) Toluene	10.25	92	457591	51.386	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	253186	51.651	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	290661	51.292	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	143464	51.131	ug/l	99
56) Ethyl methacrylate	10.52	69	198193	53.098	ug/l	99
57) 1,3-Dichloropropane	10.80	76	240376	50.518	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	503496	255.788	ug/l	99
59) 2-Hexanone	10.84	43	444948	271.374	ug/l	100
60) Dibromochloromethane	11.00	129	182788	51.221	ug/l	99
61) 1,2-Dibromoethane	11.10	107	142575	51.318	ug/l	99
64) Tetrachloroethene	10.73	164	243903	53.525	ug/l	98
65) Chlorobenzene	11.53	112	504189	51.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	186214	51.453	ug/l	100
67) Ethyl Benzene	11.60	91	885415	51.700	ug/l	99
68) m/p-Xylenes	11.71	106	682395	102.981	ug/l	99
69) o-Xylene	12.04	106	321292	51.784	ug/l	98
70) Styrene	12.05	104	555563	52.379	ug/l	99
71) Bromoform	12.22	173	118044	52.551	ug/l	100
73) Isopropylbenzene	12.34	105	877931	51.362	ug/l	100
74) N-amyl acetate	12.15	43	220591	53.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	135974	50.020	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	217772	92.914	ug/l #	100
77) Bromobenzene	12.62	156	216139	50.612	ug/l	99
78) n-propylbenzene	12.68	91	1024538	51.650	ug/l	99
79) 2-Chlorotoluene	12.77	91	558516	50.831	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	733090	51.740	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60514	51.772	ug/l	99
82) 4-Chlorotoluene	12.86	91	581288	50.363	ug/l	100
83) tert-Butylbenzene	13.08	119	653672	52.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	726050	51.417	ug/l	100
85) sec-Butylbenzene	13.27	105	890289	51.643	ug/l	100
86) p-Isopropyltoluene	13.38	119	827200	51.210	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	409805	50.702	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	407885	50.964	ug/l	100
89) n-Butylbenzene	13.70	91	761367	51.777	ug/l	100
90) Hexachloroethane	13.97	117	153612	52.220	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	366617	50.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	26242	51.787	ug/l	99

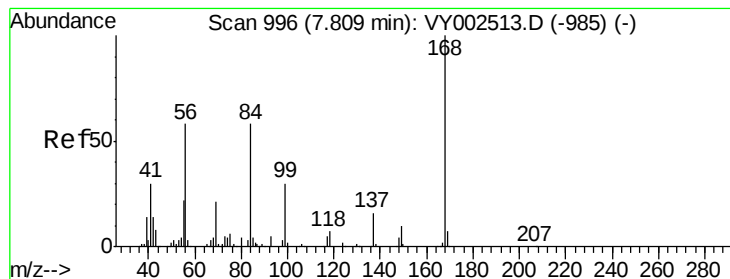
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	266060	50.812	ug/l	100
94) Hexachlorobutadiene	15.12	225	159731	50.821	ug/l	99
95) Naphthalene	15.25	128	506960	53.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	227886	51.267	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

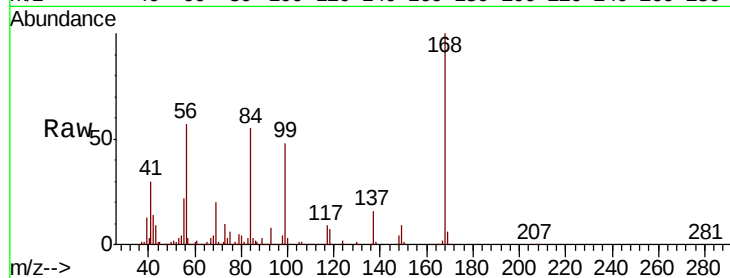
ClientSampleId :

Tot Ion:168 Resp: 383413

Ion Ratio Lower Upper

168 100

99 47.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

150000

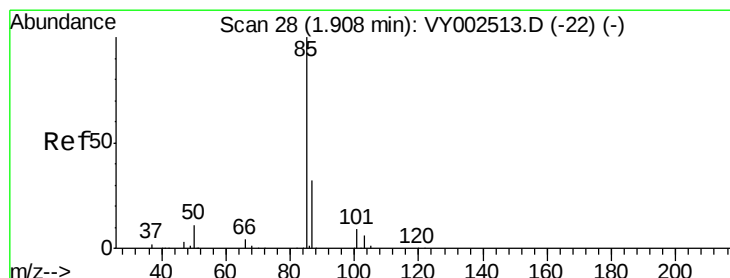
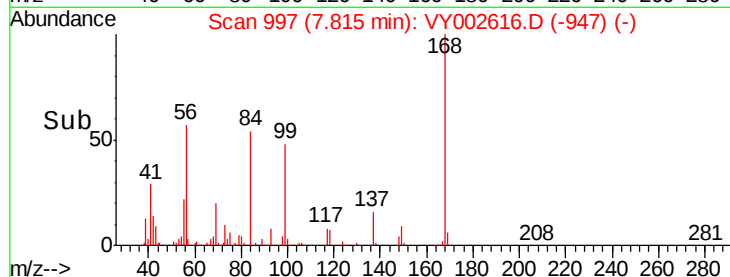
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.046 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002616.D

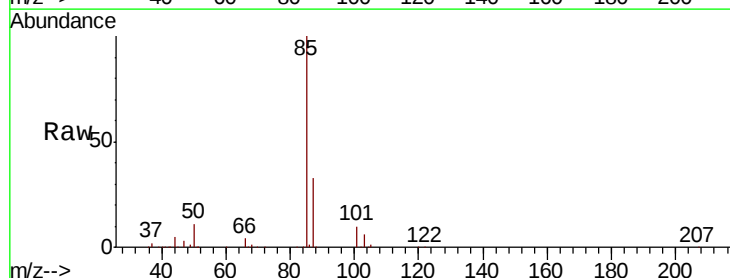
Acq: 06 May 2020 16:17

Tgt Ion: 85 Resp: 151986

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

120000

100000

80000

60000

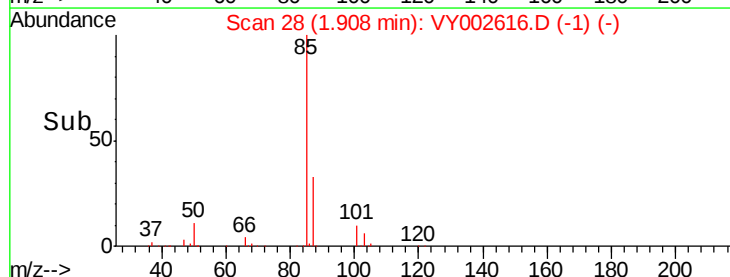
40000

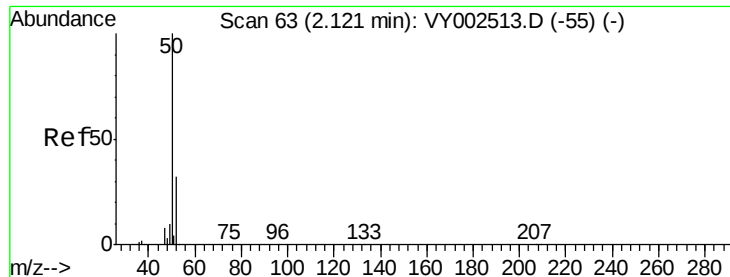
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 51.114 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

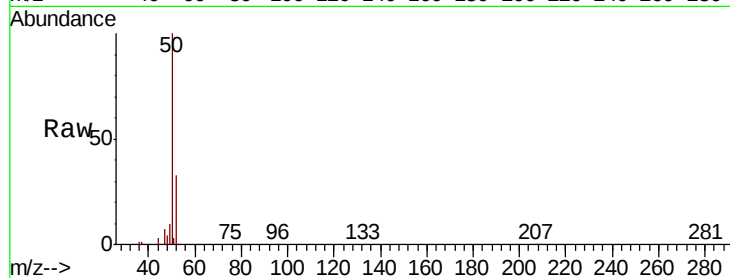
ClientSampleId :

Tot Ion: 50 Resp: 158779

Ion Ratio Lower Upper

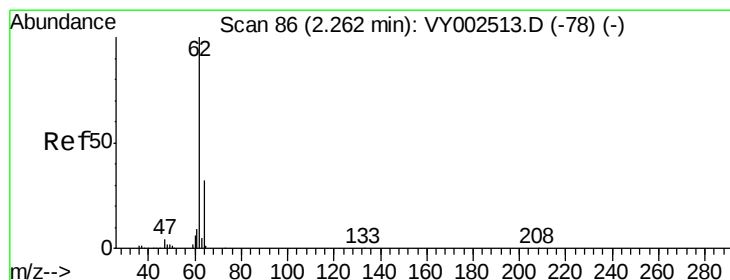
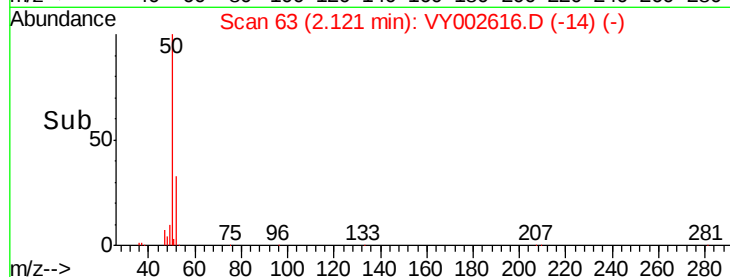
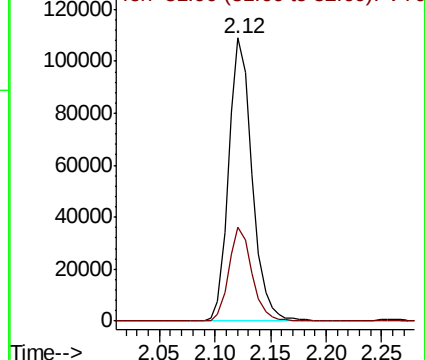
50 100

52 33.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.865 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002616.D

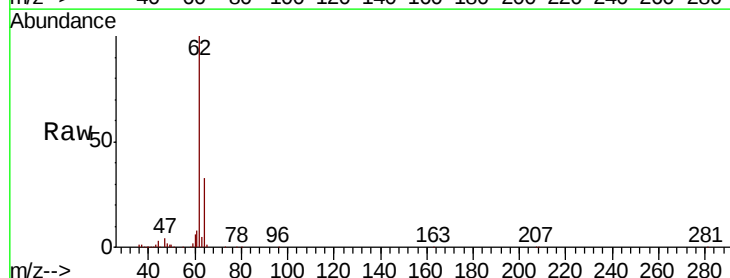
Acq: 06 May 2020 16:17

Tgt Ion: 62 Resp: 182446

Ion Ratio Lower Upper

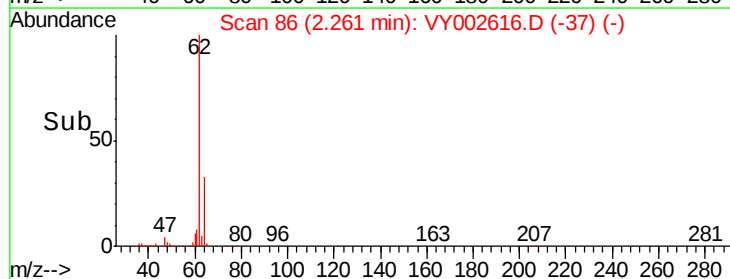
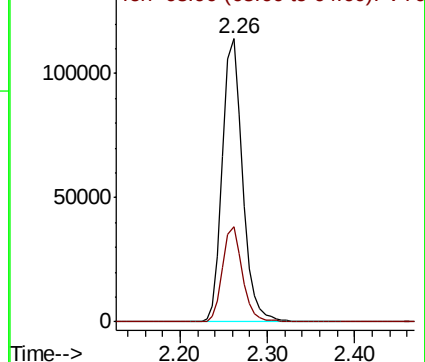
62 100

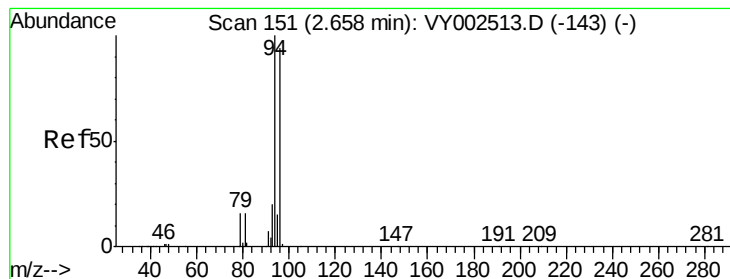
64 33.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.511 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

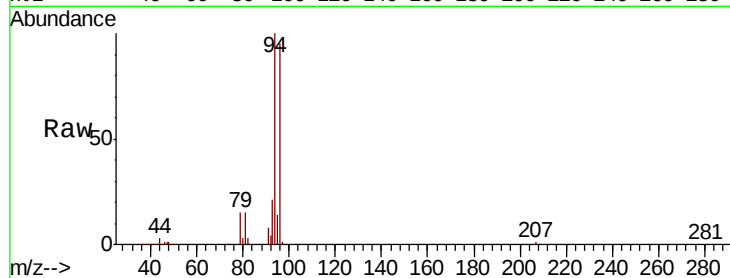
ClientSampleId :

Tot Ion: 94 Resp: 124944

Ion Ratio Lower Upper

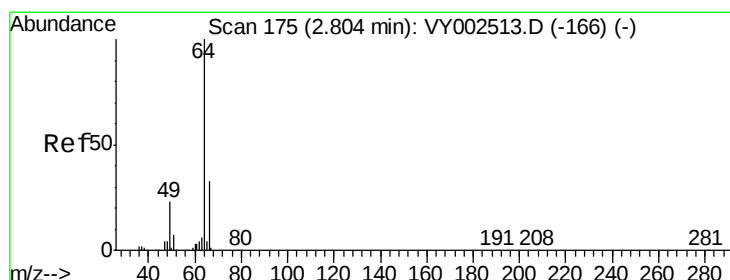
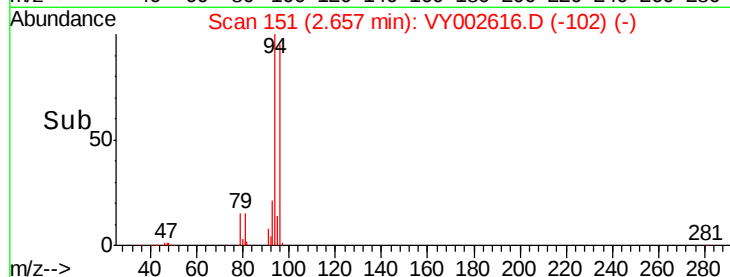
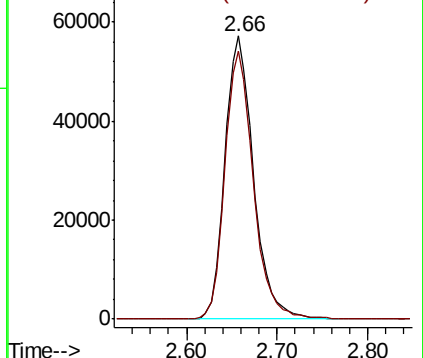
94 100

96 94.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.240 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002616.D

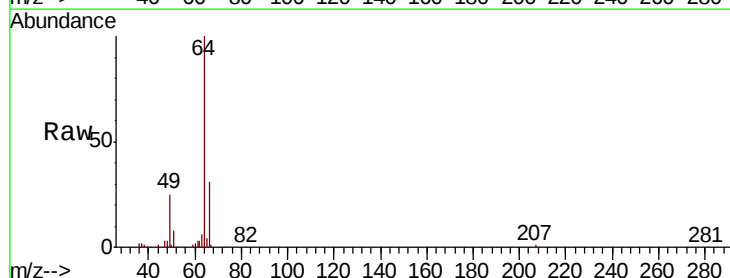
Acq: 06 May 2020 16:17

Tgt Ion: 64 Resp: 109741

Ion Ratio Lower Upper

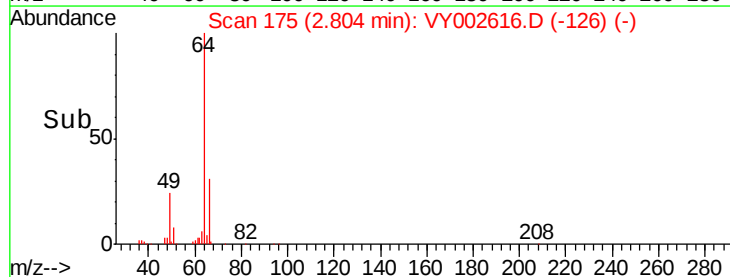
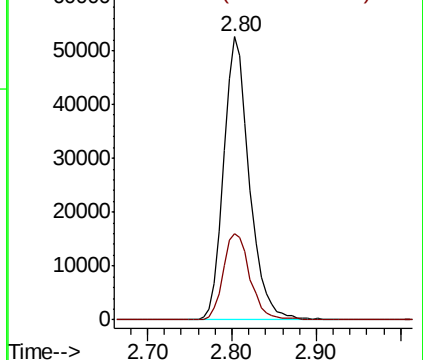
64 100

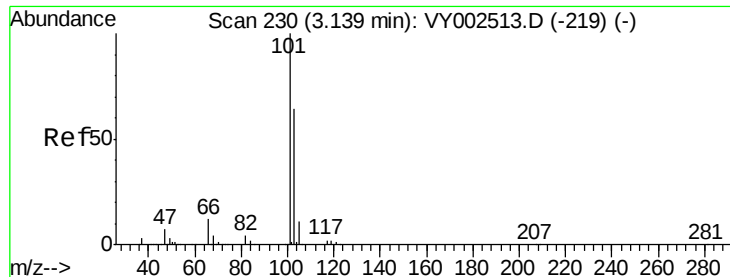
66 30.7 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



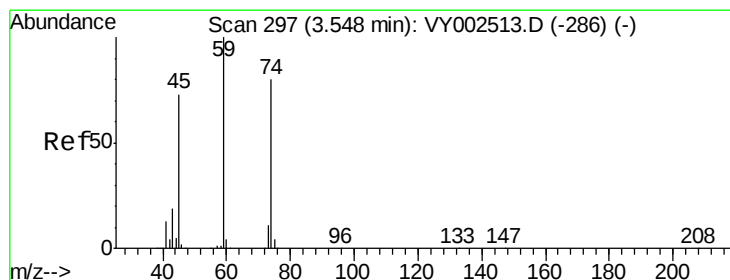
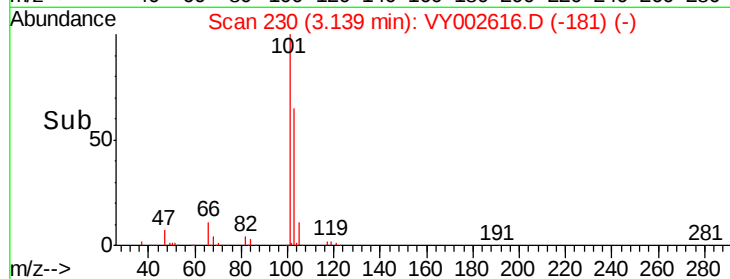
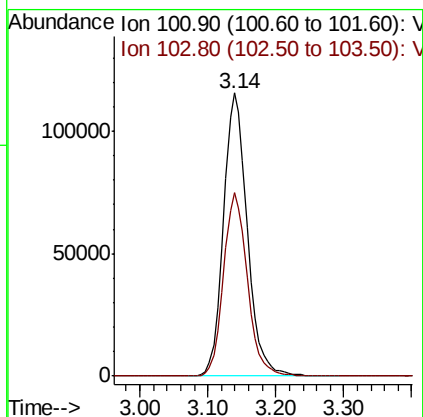
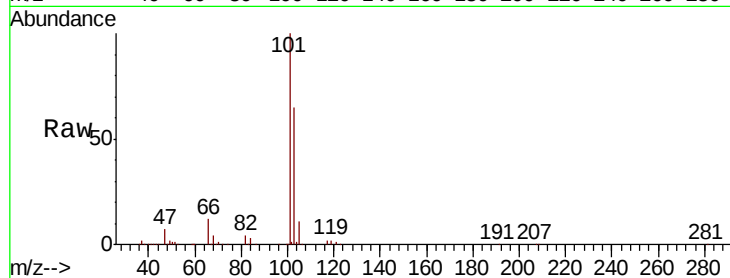


#7

Trichlorofluoromethane
 Concen: 50.282 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampled :

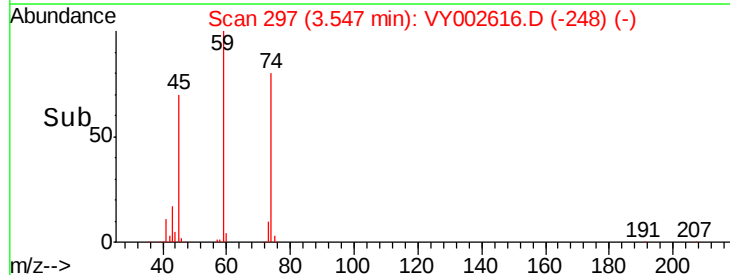
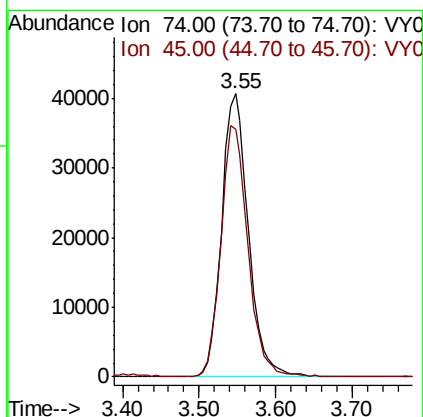
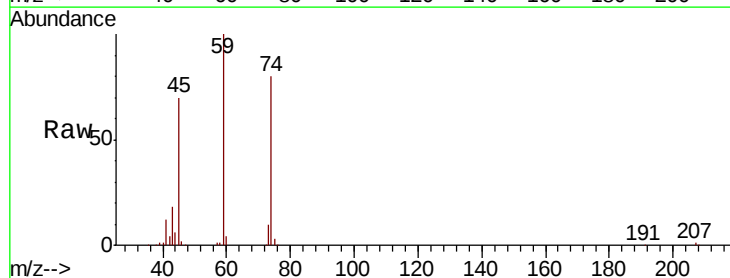
Tot Ion:101 Resp: 279523
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.0

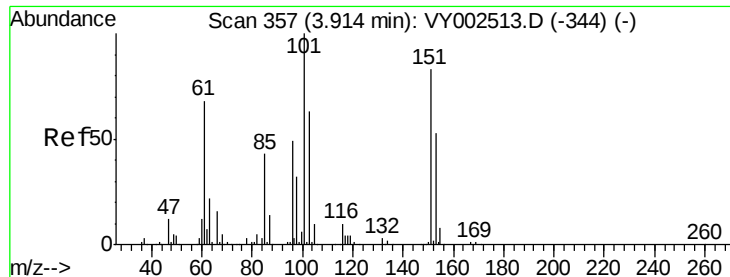


#8

Diethyl Ether
 Concen: 52.570 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Tgt Ion: 74 Resp: 98209
 Ion Ratio Lower Upper
 74 100
 45 89.8 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.289 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

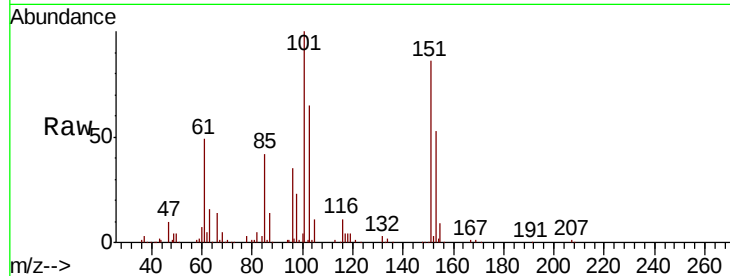
Tot Ion:101 Resp: 174260

Ion Ratio Lower Upper

101 100

85 41.9 33.4 50.2

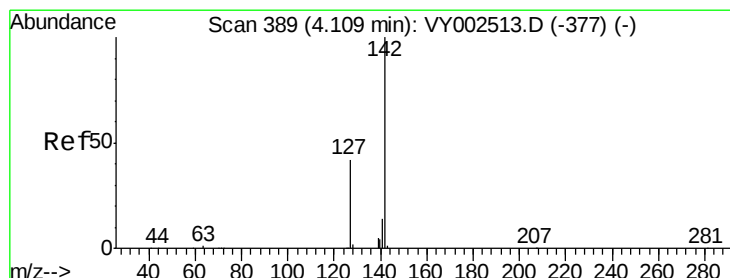
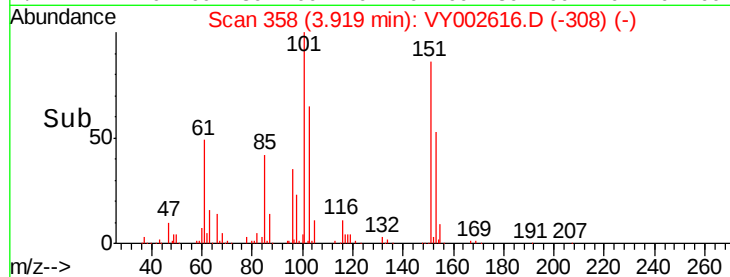
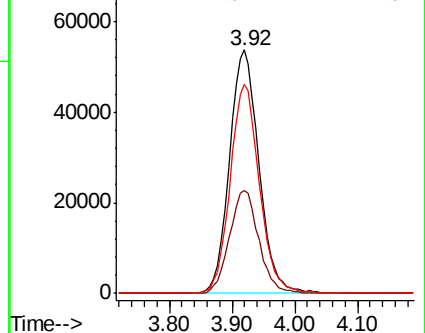
151 85.1 66.8 100.2



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: 53.139 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

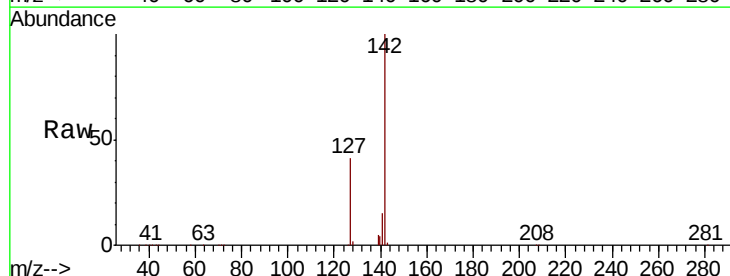
Tgt Ion:142 Resp: 245973

Ion Ratio Lower Upper

142 100

127 40.8 33.7 50.5

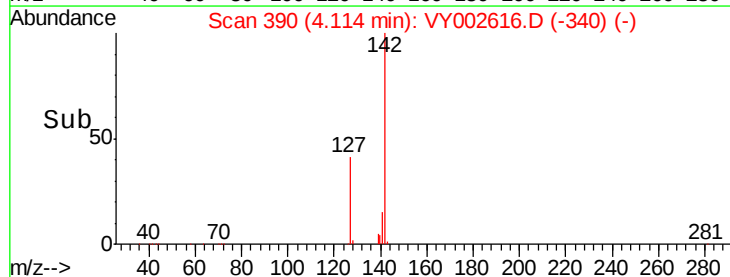
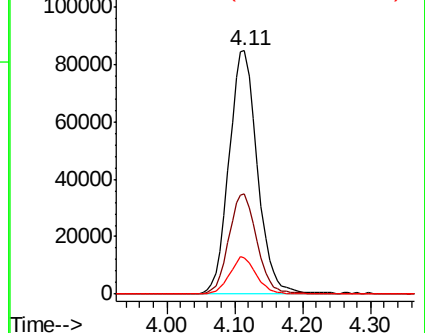
141 14.5 11.4 17.0

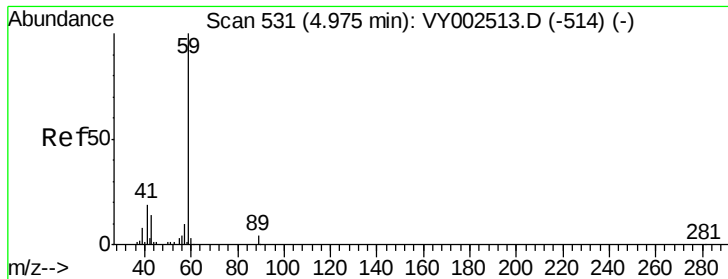


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



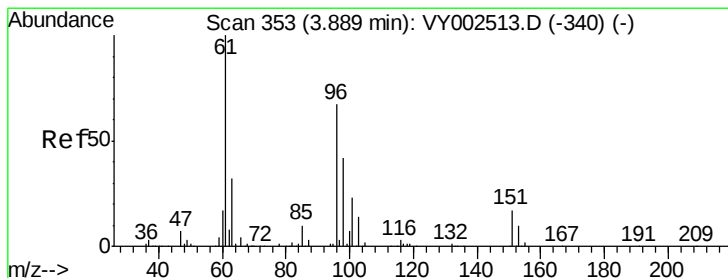
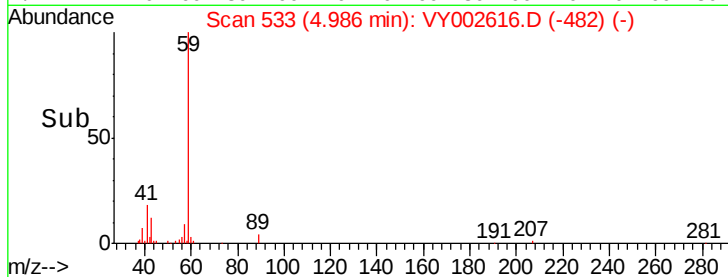
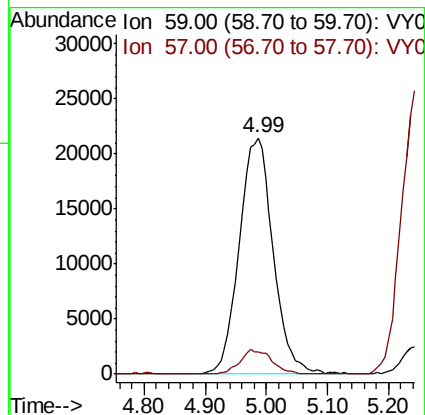
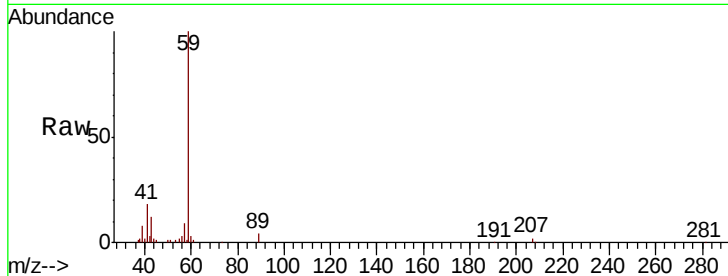


#11

Tert butyl alcohol
 Concen: 248.355 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampled :

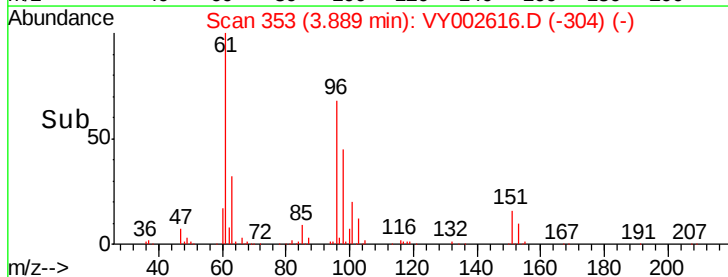
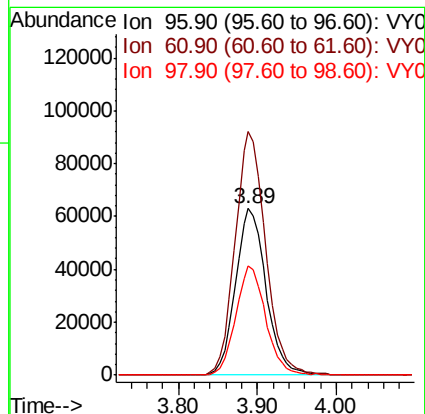
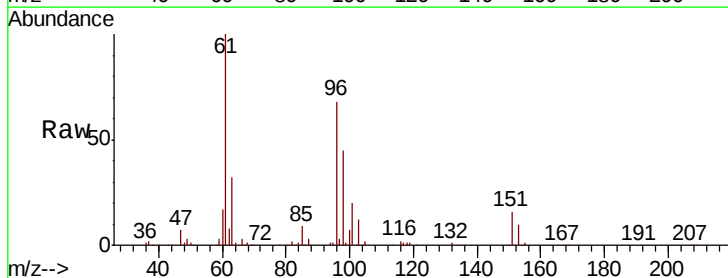
Tot Ion: 59 Resp: 82373
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

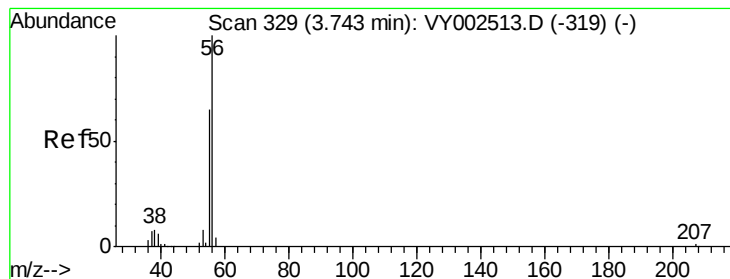


#12

1,1-Dichloroethene
 Concen: 51.502 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Tgt Ion: 96 Resp: 169988
 Ion Ratio Lower Upper
 96 100
 61 146.1 118.8 178.2
 98 65.3 49.6 74.4





#13

Acrolein

Concen: 201.854 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

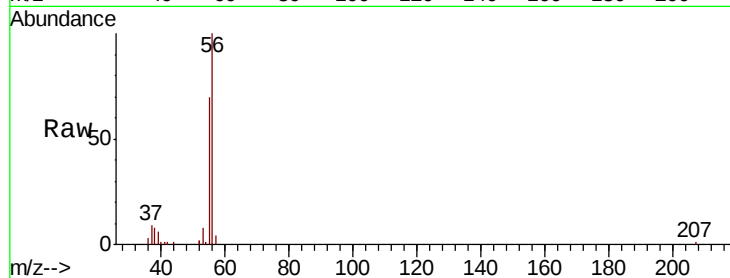
ClientSampleId :

Tot Ion: 56 Resp: 46296

Ion Ratio Lower Upper

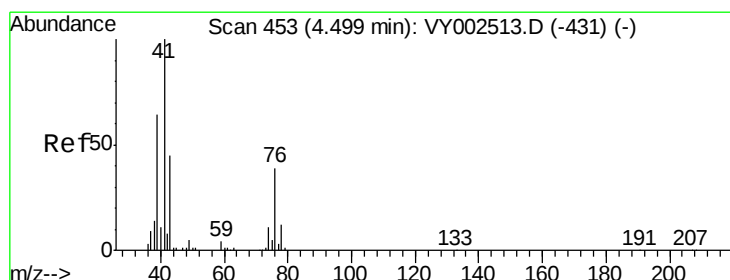
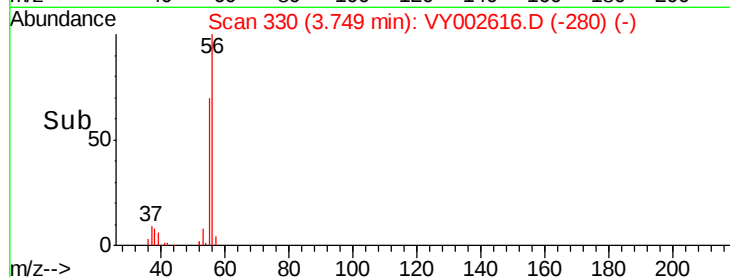
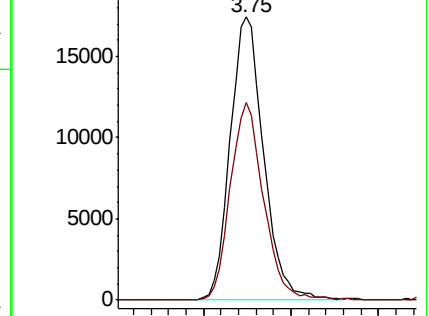
56 100

55 69.3 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.688 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

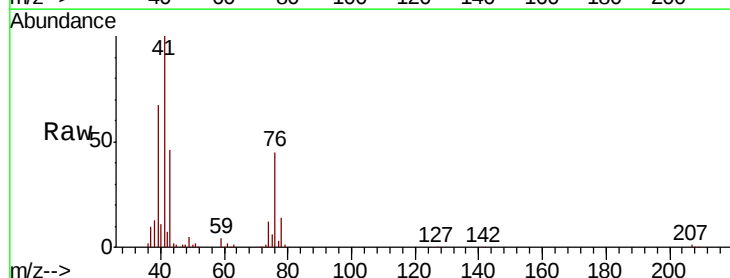
Tgt Ion: 41 Resp: 253380

Ion Ratio Lower Upper

41 100

39 62.9 51.8 77.6

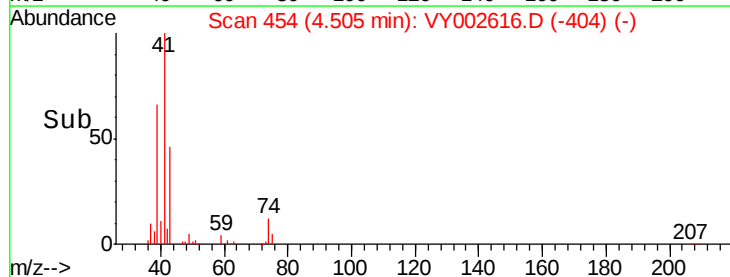
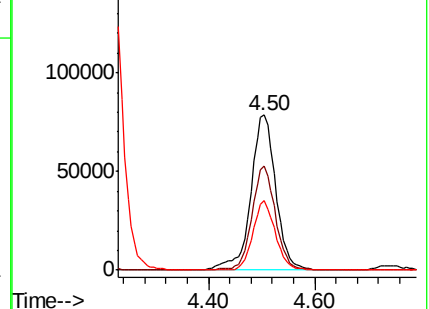
76 40.1 31.7 47.5

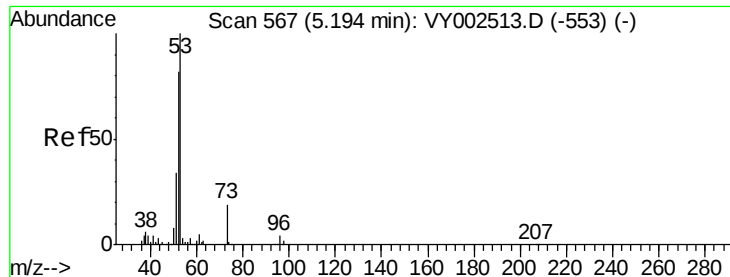


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 263.831 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

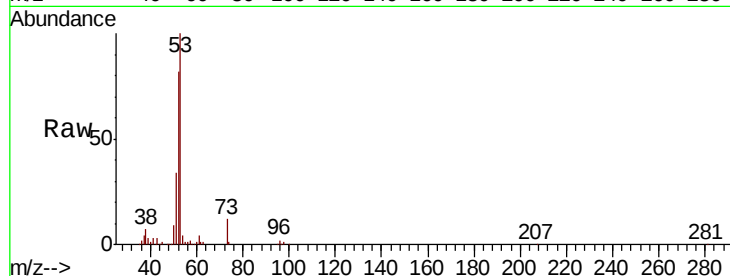
Tot Ion: 53 Resp: 232430

Ion Ratio Lower Upper

53 100

52 81.5 65.4 98.0

51 34.9 28.7 43.1

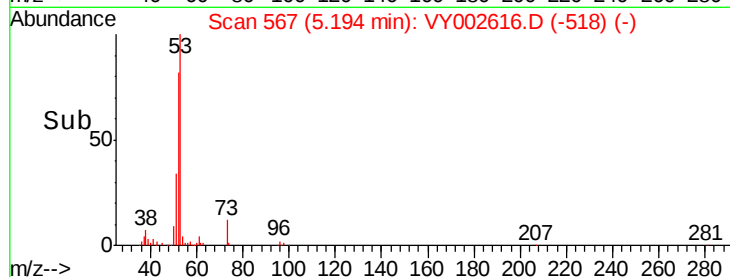


Abundance Ion 53.00 (52.70 to 53.70): VY002616.D (-518) (-)

Ion 52.00 (51.70 to 52.70): VY002616.D (-518) (-)

Ion 51.00 (50.70 to 51.70): VY002616.D (-518) (-)

Time-->

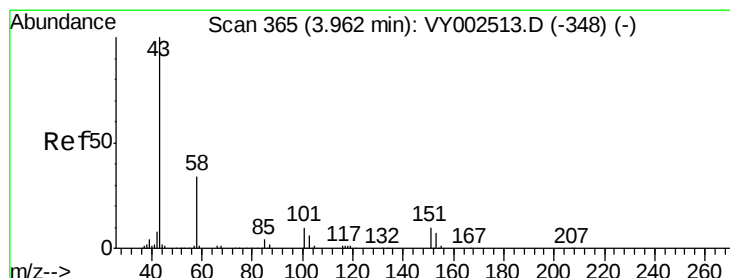


Abundance Ion 53.00 (52.70 to 53.70): VY002616.D (-518) (-)

Ion 52.00 (51.70 to 52.70): VY002616.D (-518) (-)

Ion 51.00 (50.70 to 51.70): VY002616.D (-518) (-)

Time-->



#16

Acetone

Concen: 263.249 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002616.D

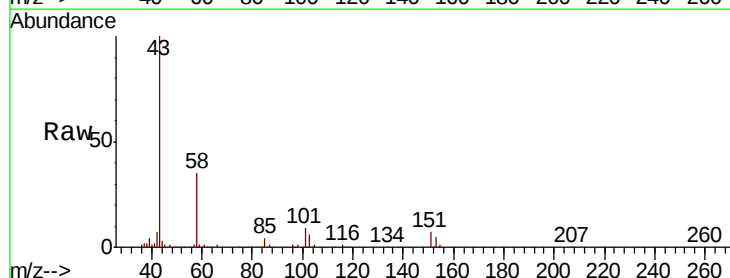
Acq: 06 May 2020 16:17

Tgt Ion: 43 Resp: 175146

Ion Ratio Lower Upper

43 100

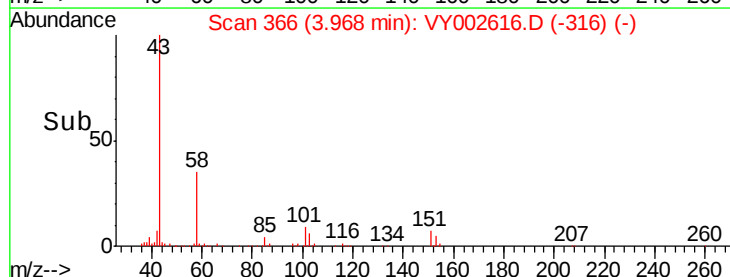
58 34.4 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002616.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002616.D (-316) (-)

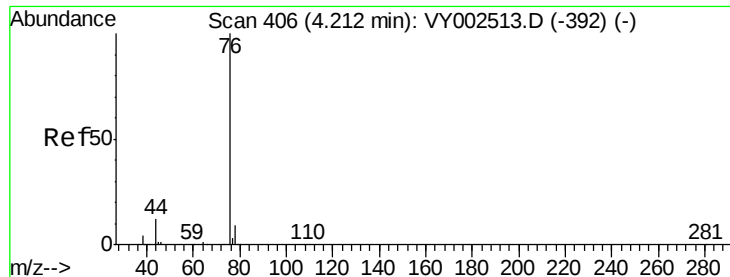
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VY002616.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002616.D (-316) (-)

Time-->



#17

Carbon Disulfide

Concen: 52.068 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

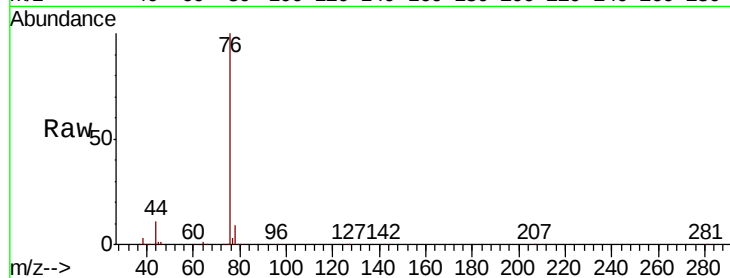
ClientSampleId :

Tot Ion: 76 Resp: 517017

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

200000

150000

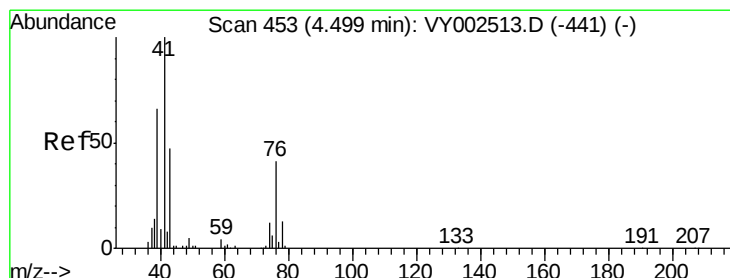
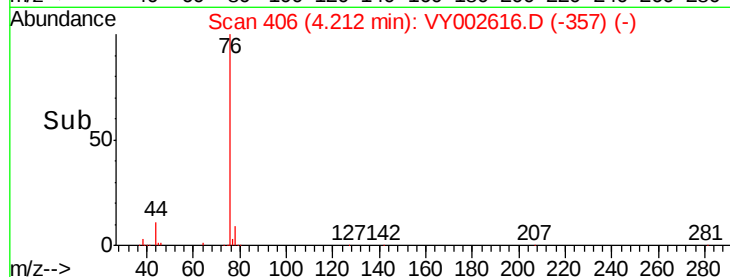
100000

50000

0

4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 50.991 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002616.D

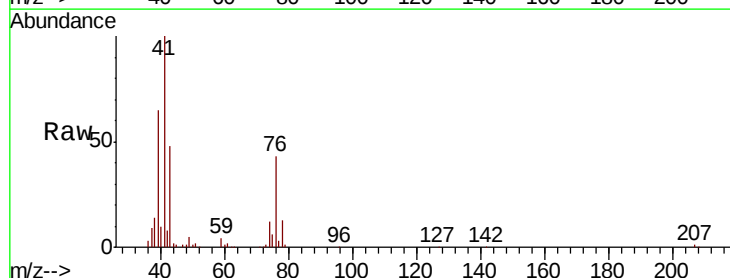
Acq: 06 May 2020 16:17

Tgt Ion: 43 Resp: 113353

Ion Ratio Lower Upper

43 100

74 25.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

40000

30000

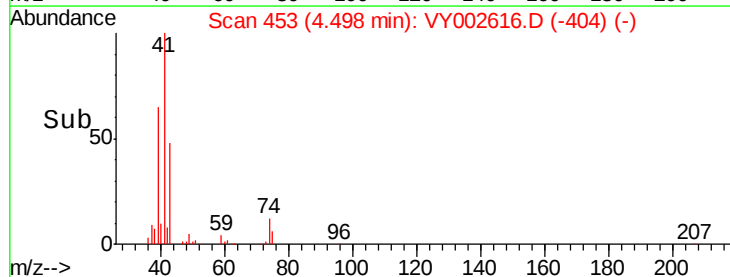
20000

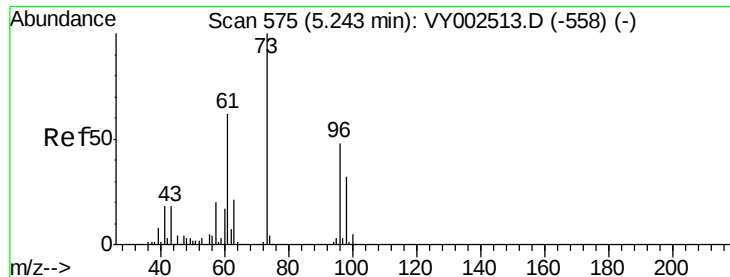
10000

0

4.40 4.50 4.60 4.70

Time-->



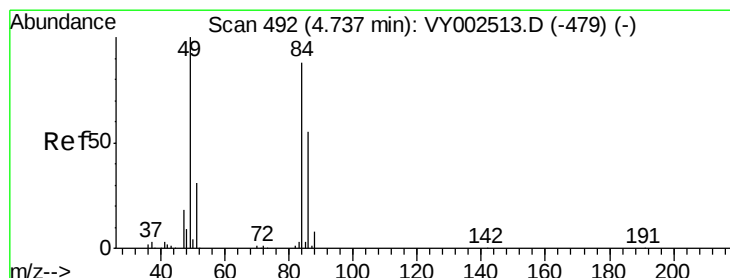
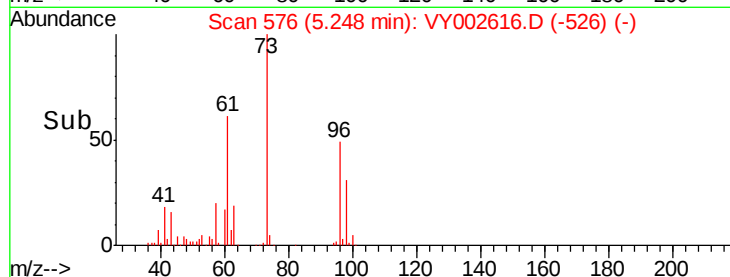
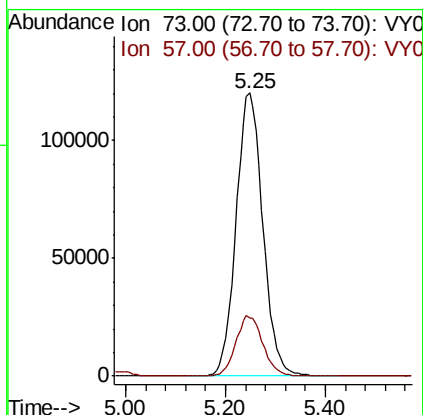
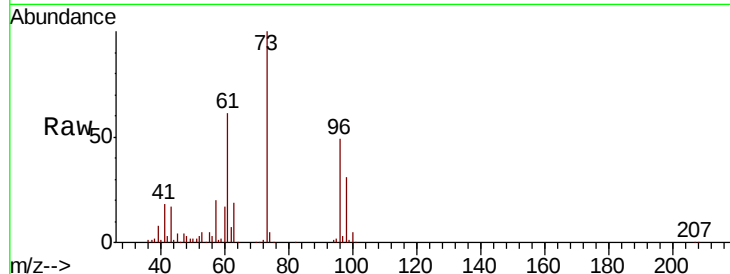


#19

Methyl tert-butyl Ether
 Concen: 51.860 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampled :

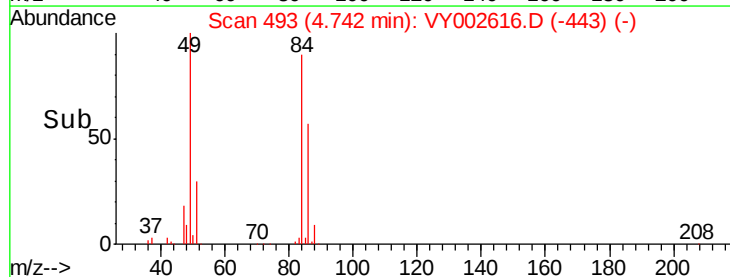
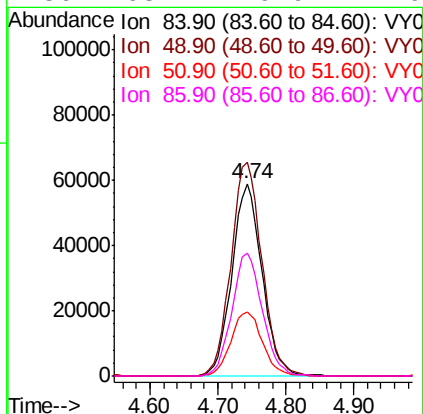
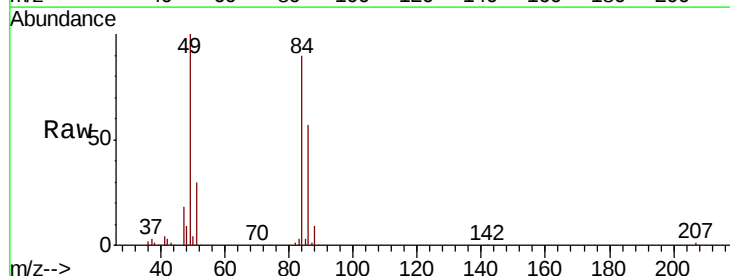
Tot Ion: 73 Resp: 446576
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.3 24.5

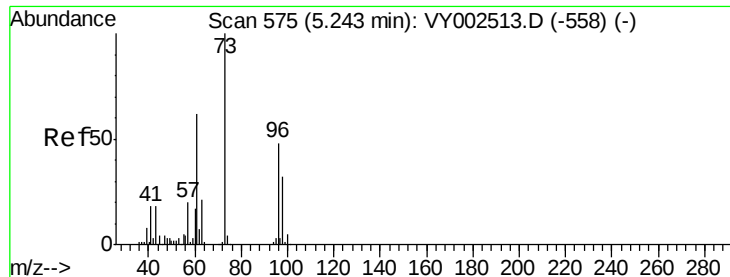


#20

Methylene Chloride
 Concen: 48.744 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Tgt Ion: 84 Resp: 181354
 Ion Ratio Lower Upper
 84 100
 49 111.2 90.5 135.7
 51 33.6 28.3 42.5
 86 63.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 51.885 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampled :

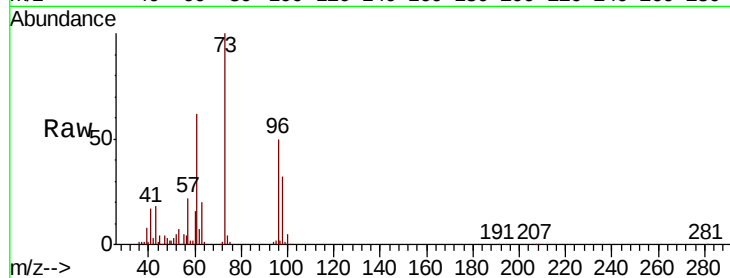
Tot Ion: 96 Resp: 187174

Ion Ratio Lower Upper

96 100

61 122.9 102.0 153.0

98 64.3 53.0 79.4

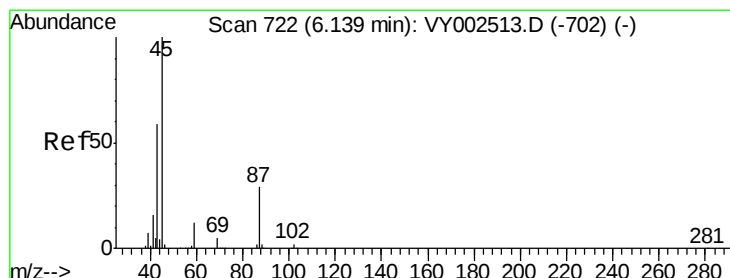
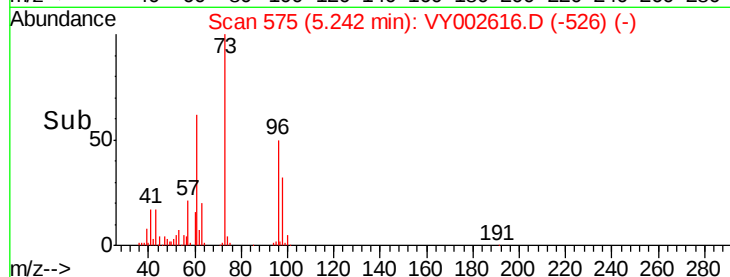
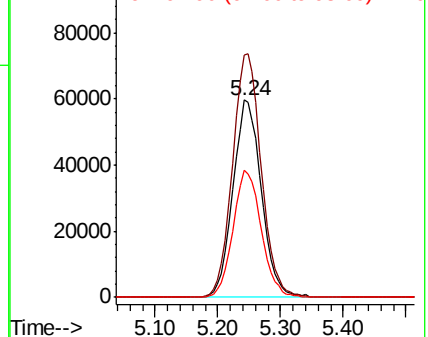


Abundance

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



#22

Diisopropyl ether

Concen: 51.915 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Tgt Ion: 45 Resp: 505158

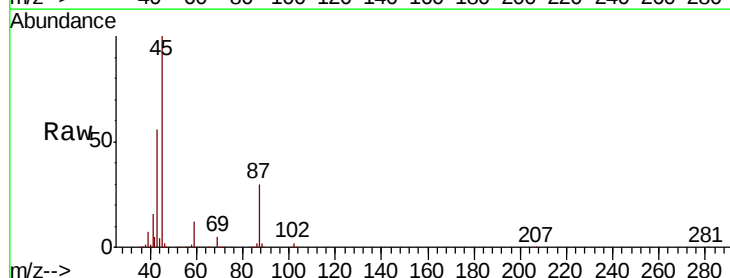
Ion Ratio Lower Upper

45 100

43 56.0 47.4 71.0

87 30.1 24.0 36.0

59 11.7 9.8 14.8



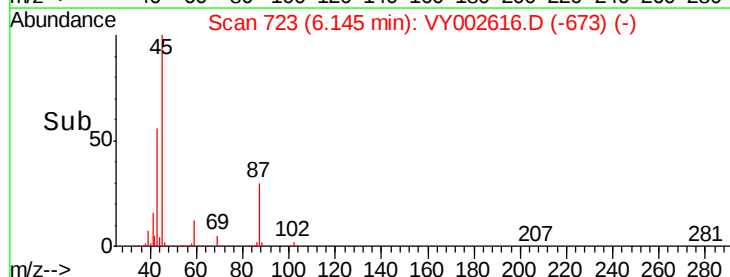
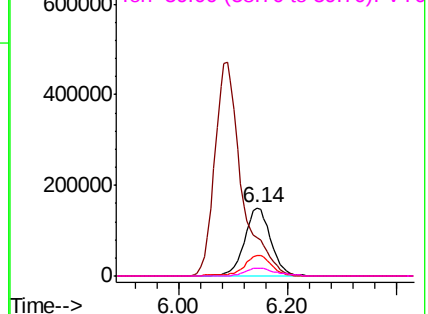
Abundance

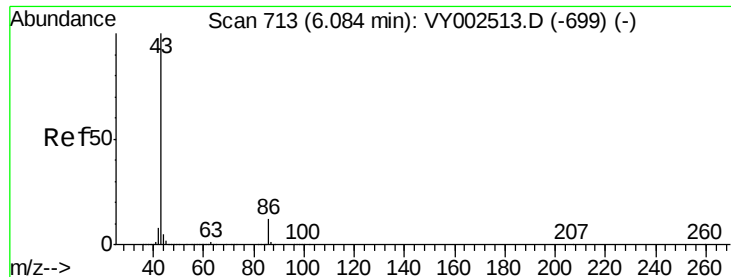
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 263.506 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

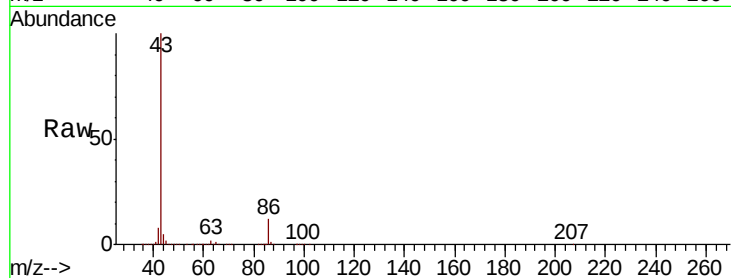
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 1612519

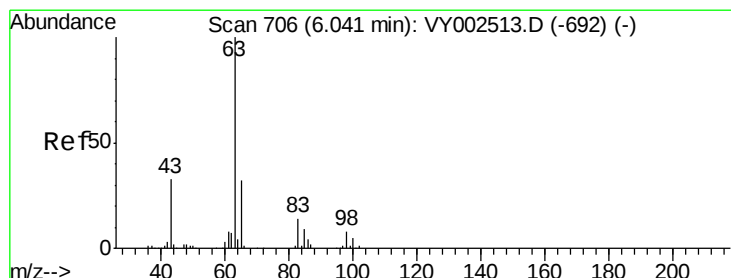
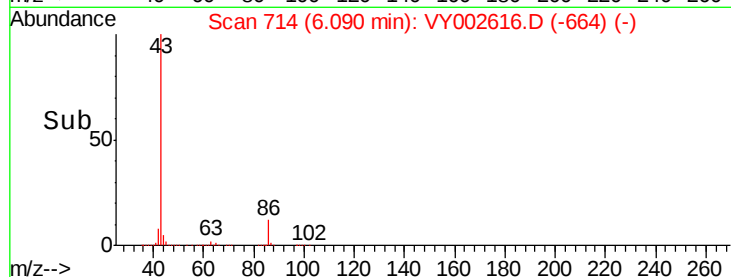
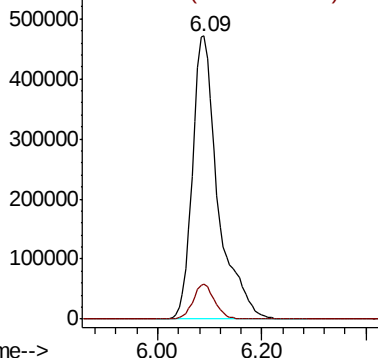
Ion Ratio Lower Upper

43 100

86 12.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.955 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

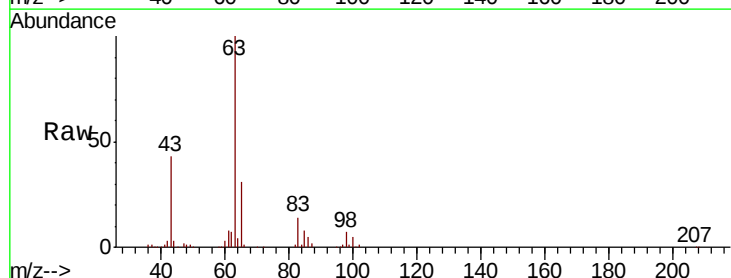
Tgt Ion: 63 Resp: 299079

Ion Ratio Lower Upper

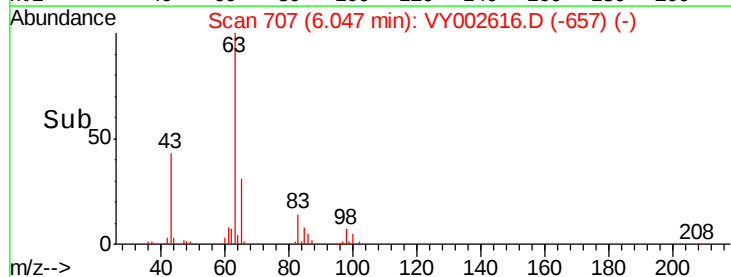
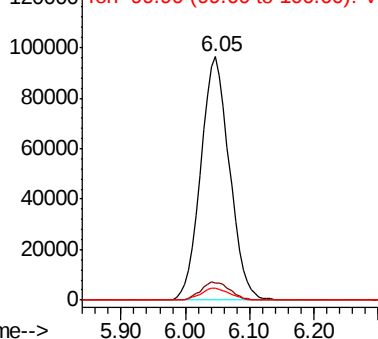
63 100

98 7.2 3.9 11.7

100 4.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0

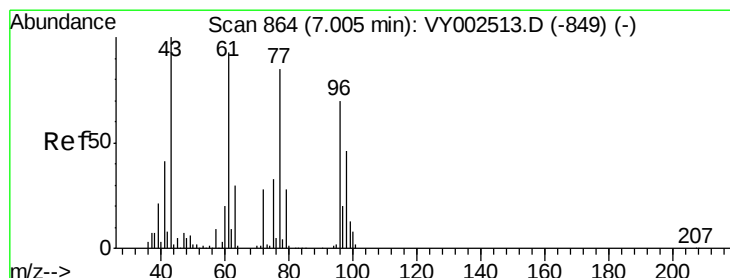
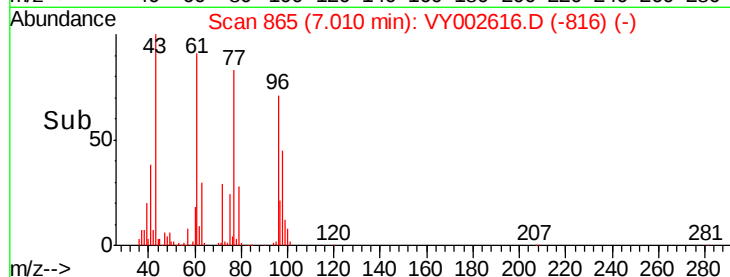
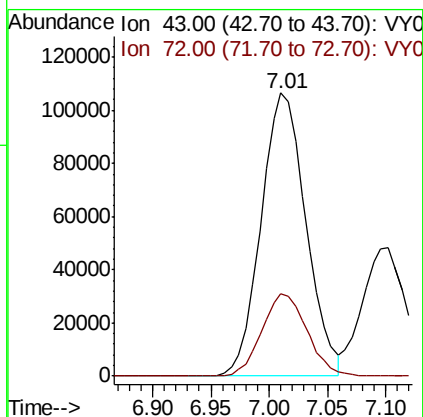
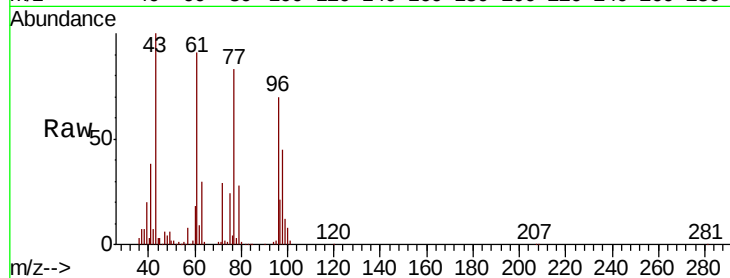




#25
2-Butanone
Concen: 261.065 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

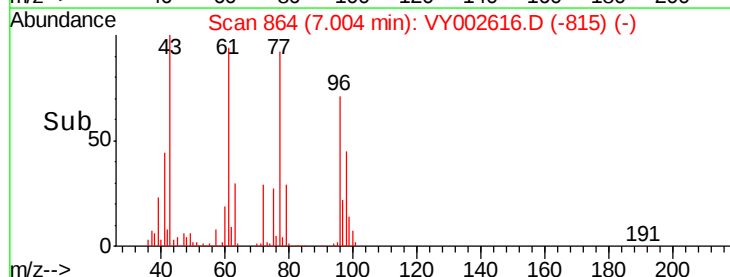
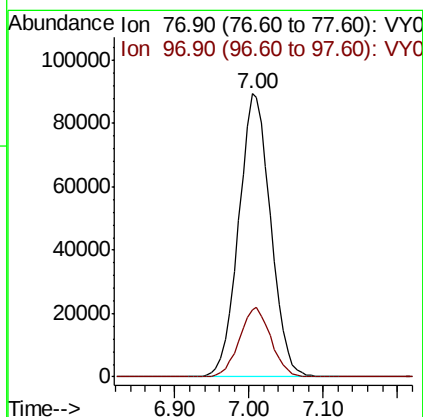
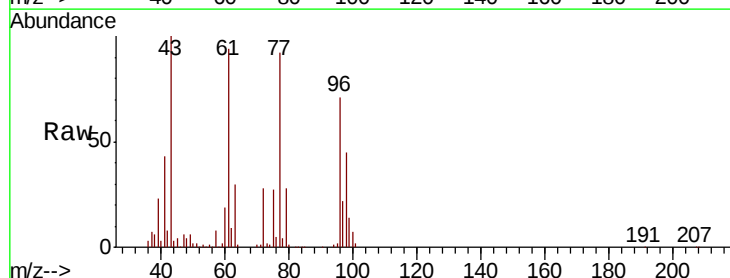
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 284324
Ion Ratio Lower Upper
43 100
72 29.1 24.1 36.1



#26
2,2-Dichloropropane
Concen: 49.153 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Tgt Ion: 77 Resp: 268955
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.5



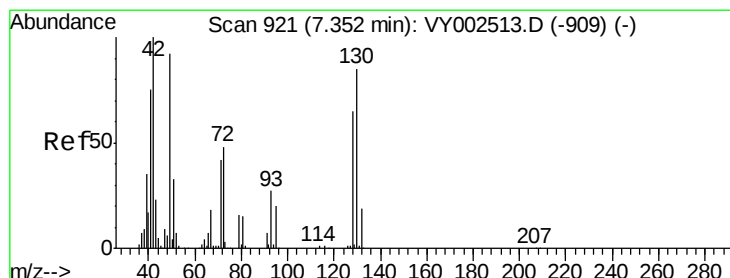
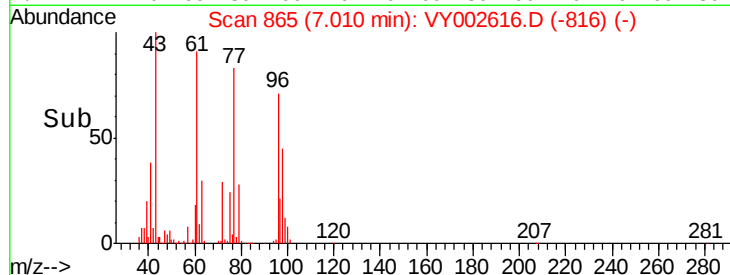
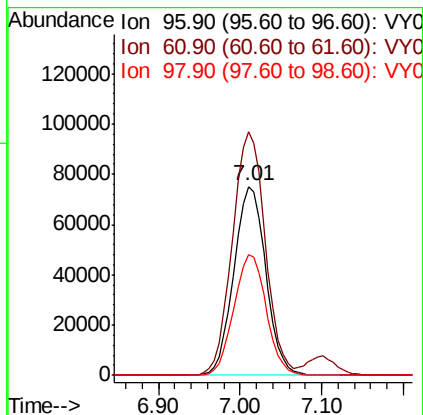
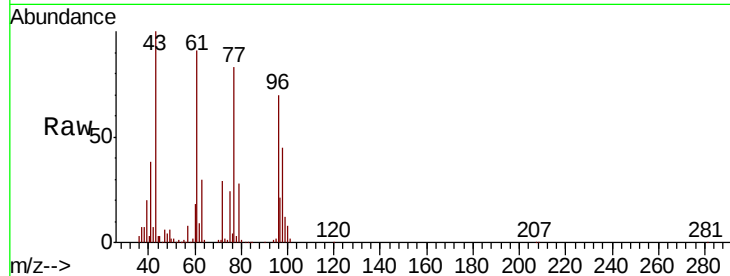


#27

cis-1,2-Dichloroethene
 Concen: 51.111 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :

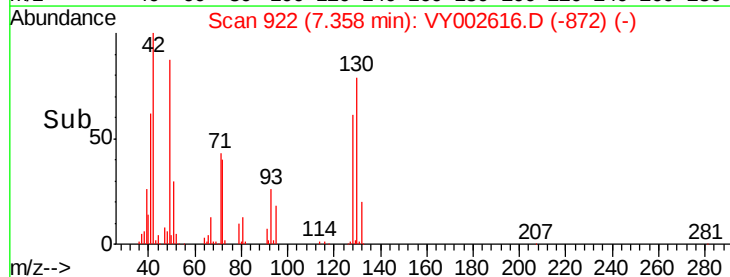
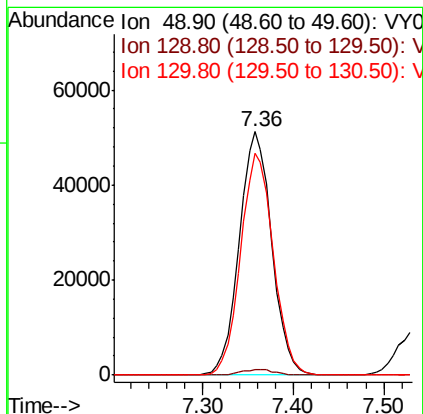
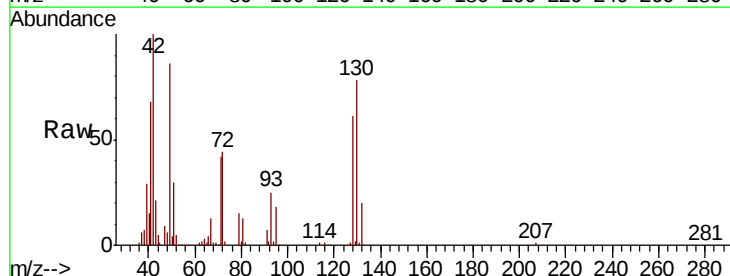
Tot Ion: 96 Resp: 204018
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 266.6
 98 64.8 0.0 129.2

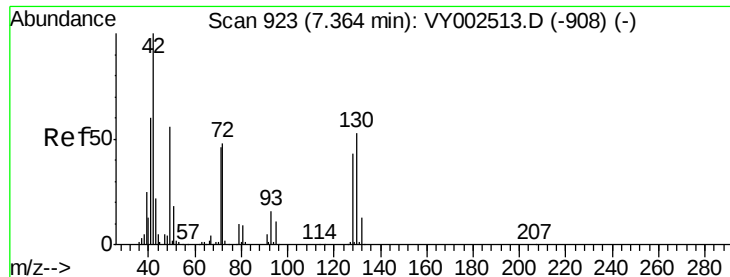


#28

Bromochloromethane
 Concen: 54.010 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Tgt Ion: 49 Resp: 127387
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 91.9 72.5 108.7





#29

Tetrahydrofuran

Concen: 268.111 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :
MSVOA_Y
ClientSampled :

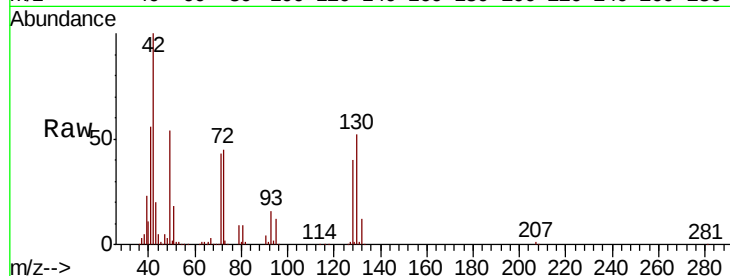
Tot Ion: 42 Resp: 193191

Ion Ratio Lower Upper

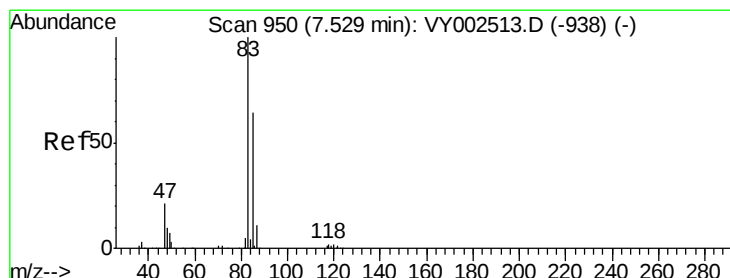
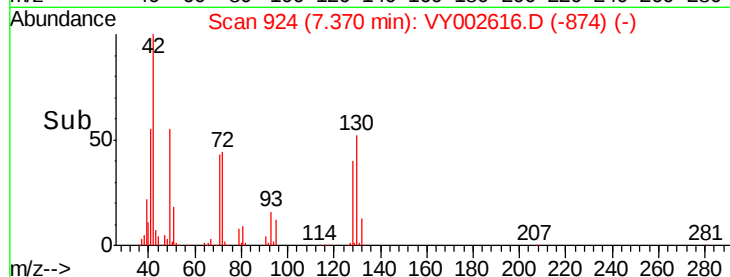
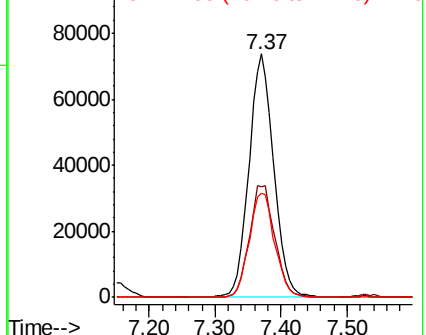
42 100

72 47.0 37.4 56.2

71 43.9 35.0 52.4



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



#30

Chloroform

Concen: 50.804 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.00 min

Lab File: VY002616.D

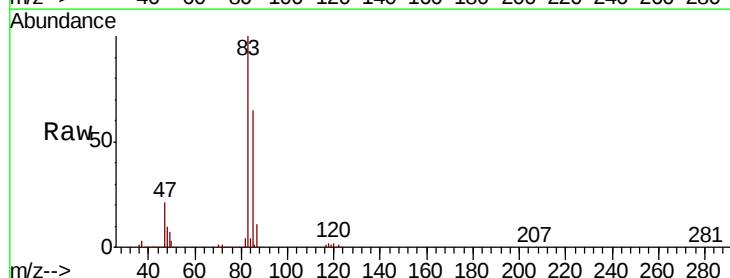
Acq: 06 May 2020 16:17

Tgt Ion: 83 Resp: 304087

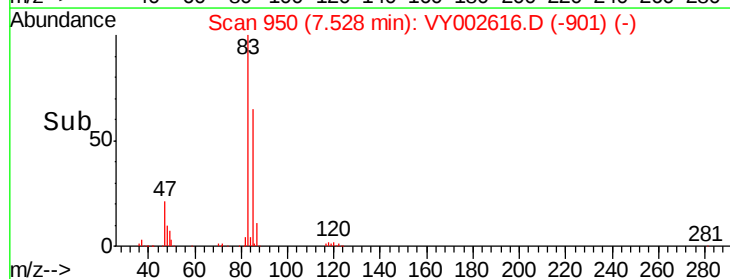
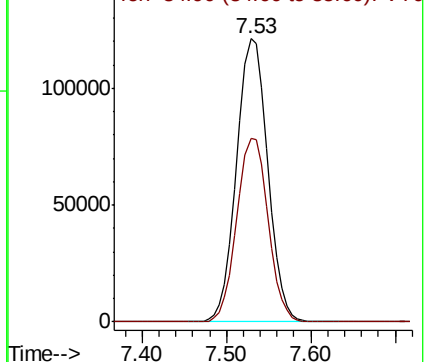
Ion Ratio Lower Upper

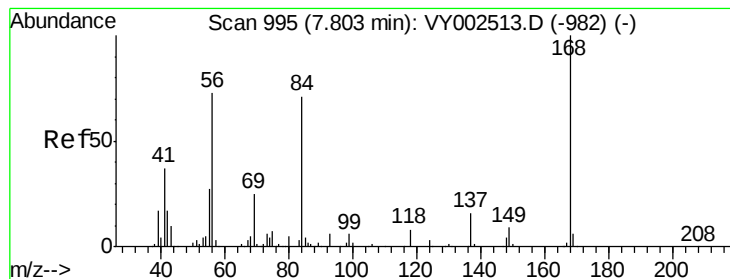
83 100

85 64.9 51.5 77.3



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





#31

Cyclohexane

Concen: 49.370 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :
MSVOA_Y
ClientSampled :

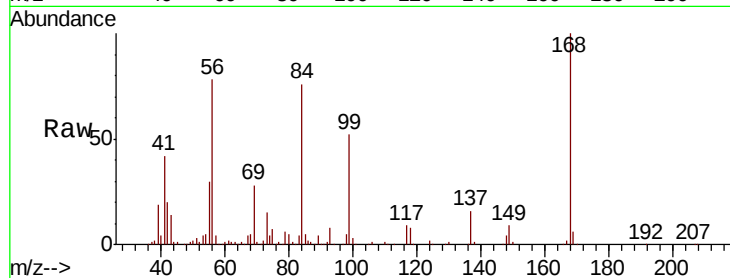
Tot Ion: 56 Resp: 286072

Ion Ratio Lower Upper

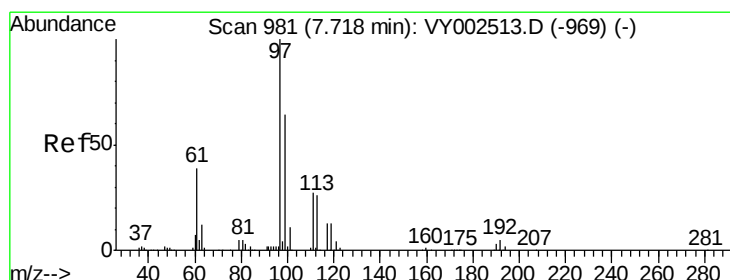
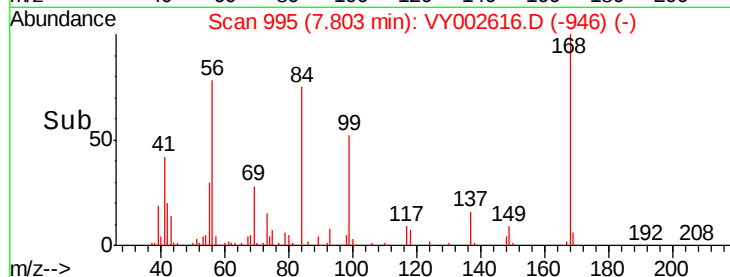
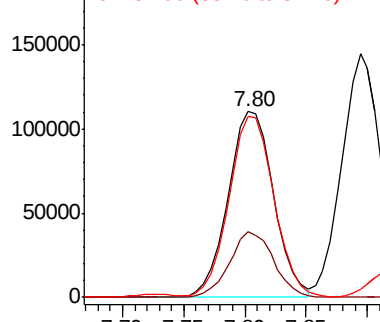
56 100

69 35.4 27.6 41.4

84 95.5 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 50.684 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

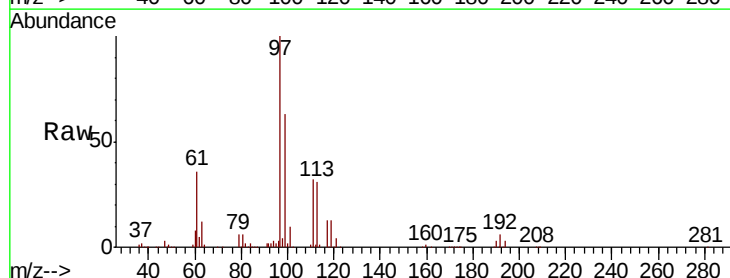
Tgt Ion: 97 Resp: 281971

Ion Ratio Lower Upper

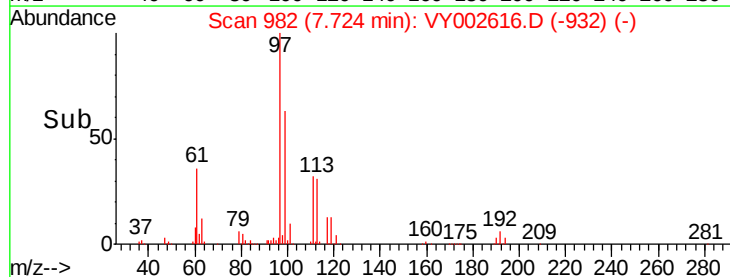
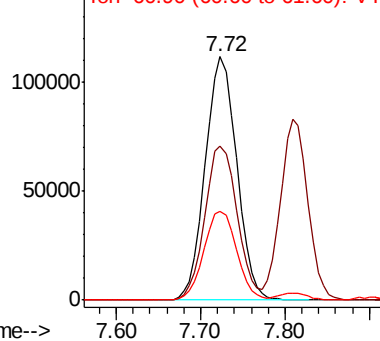
97 100

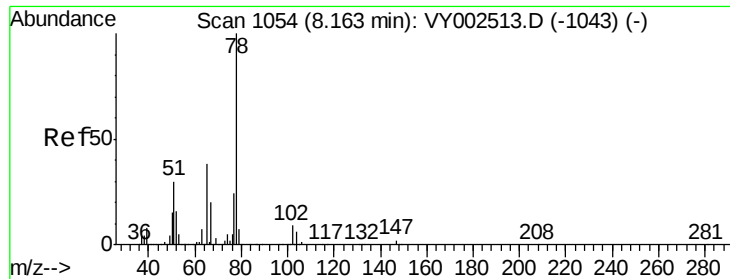
99 65.5 51.9 77.9

61 38.0 31.0 46.6



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

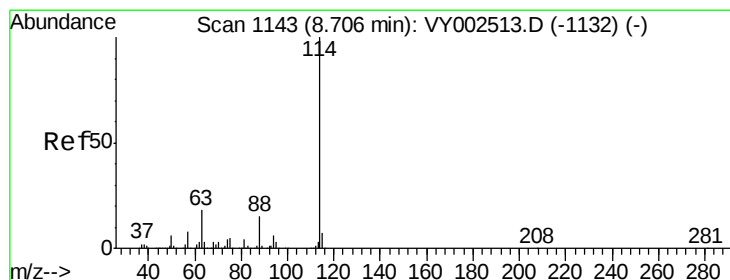
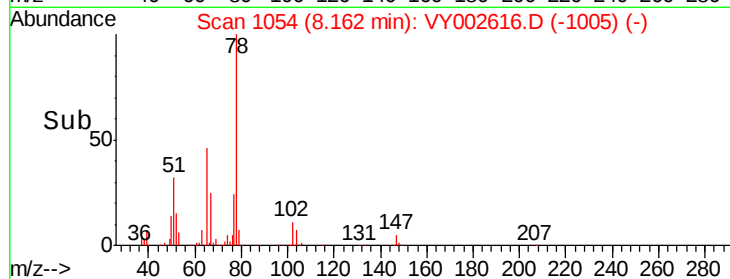
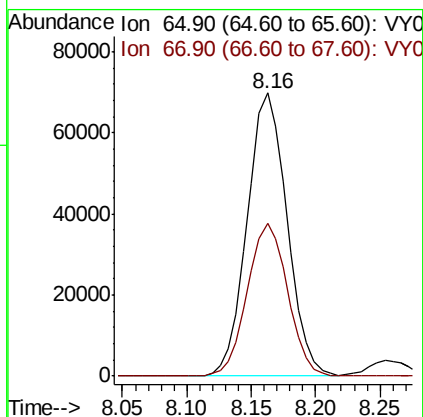
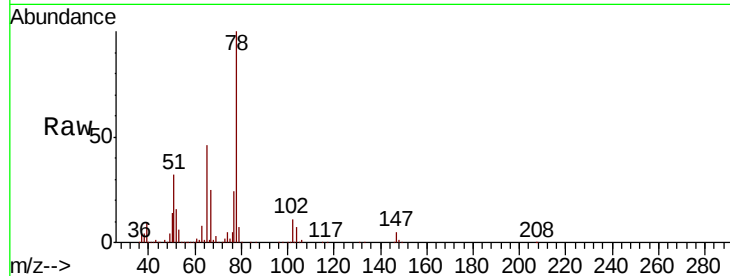




#33
 1,2-Dichloroethane-d4
 Concen: 46.436 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

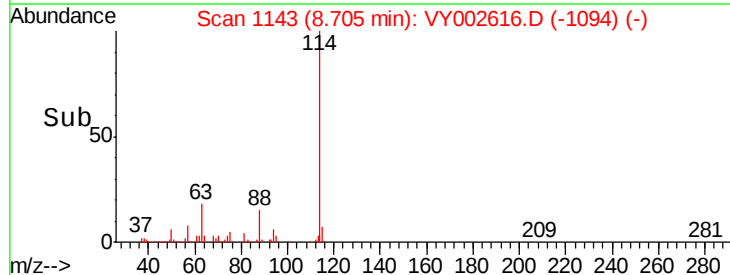
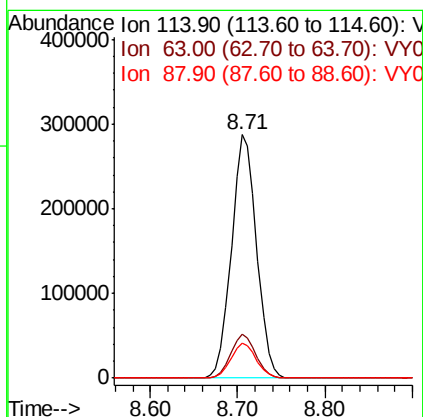
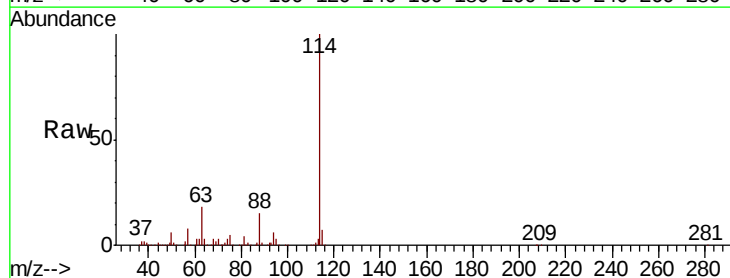
Instrument :
 MSVOA_Y
 ClientSampleId :

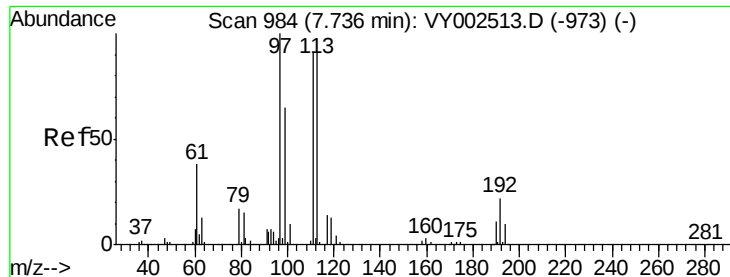
Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.4
88	14.6	0.0	29.6

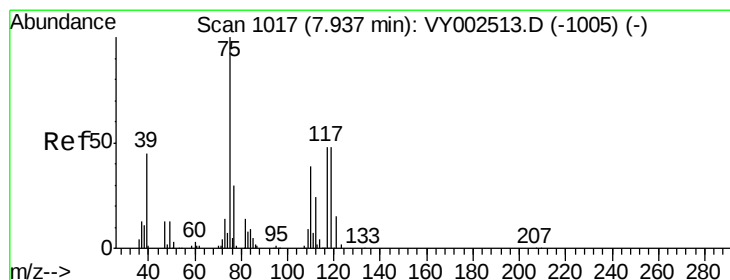
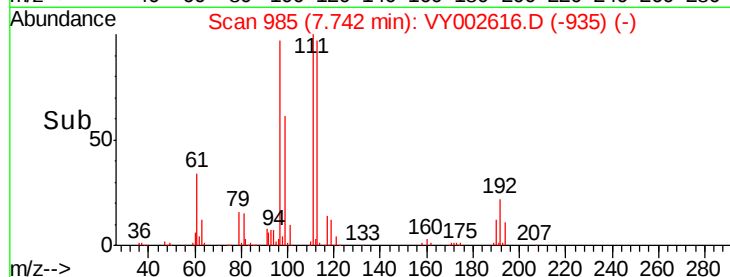
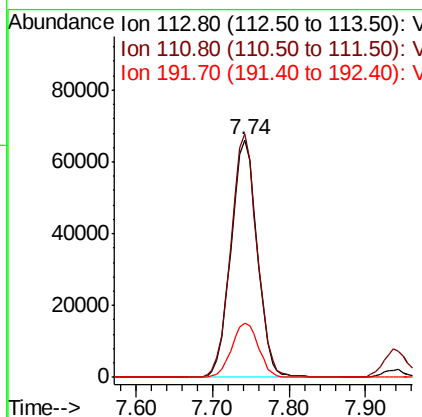
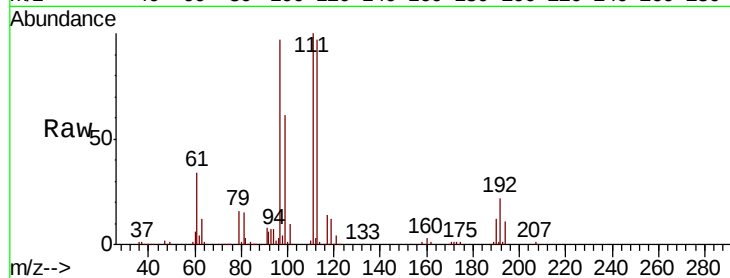




#35
 Dibromofluoromethane
 Concen: 48.015 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

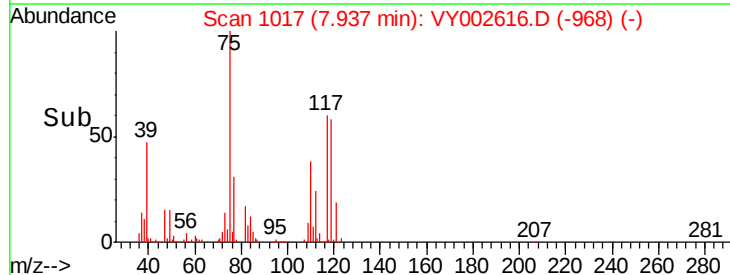
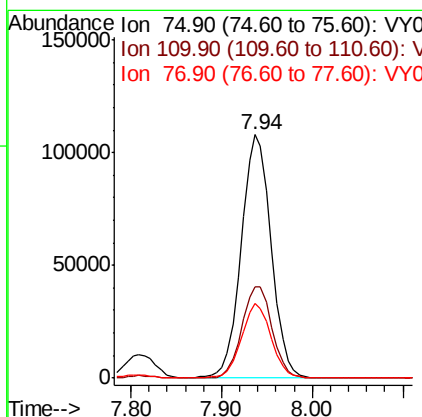
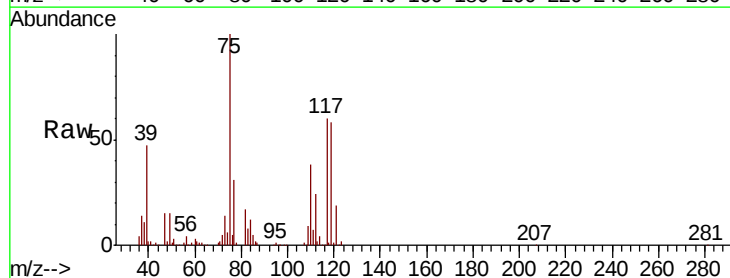
Instrument :
 MSVOA_Y
 ClientSampleId :

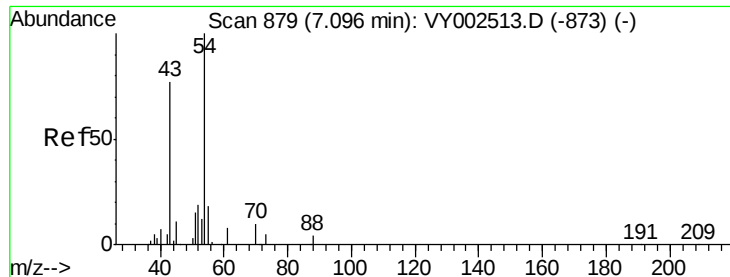
Tot Ion:113 Resp: 157147
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.6
 192 23.2 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 51.310 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Tgt Ion: 75 Resp: 246161
 Ion Ratio Lower Upper
 75 100
 110 38.1 19.1 57.3
 77 30.6 24.6 37.0

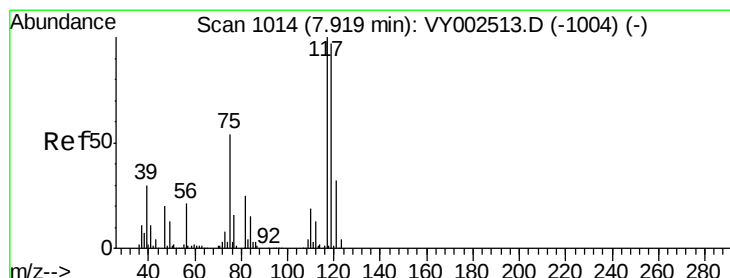
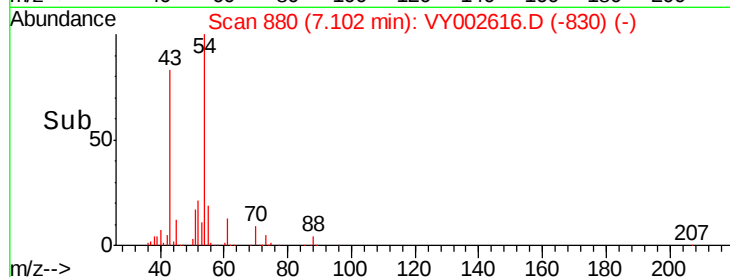
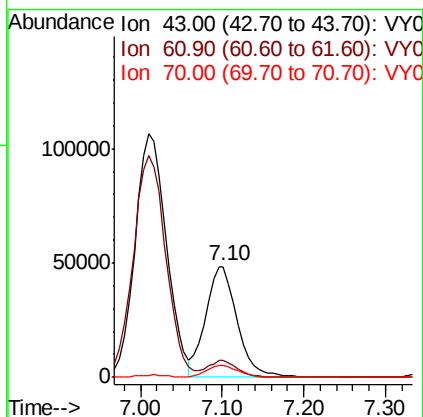
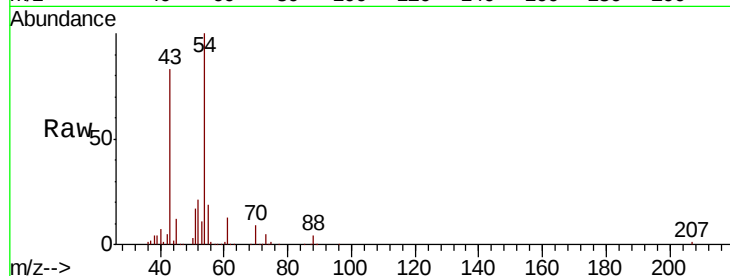




#37
Ethyl Acetate
Concen: 53.245 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

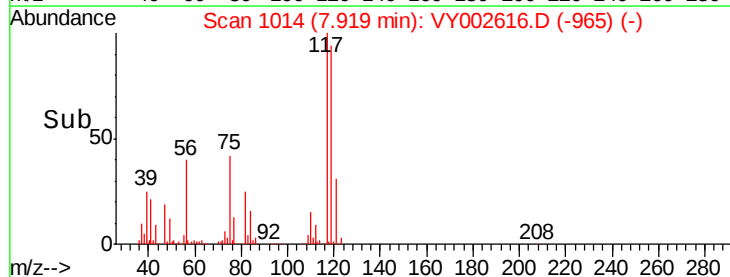
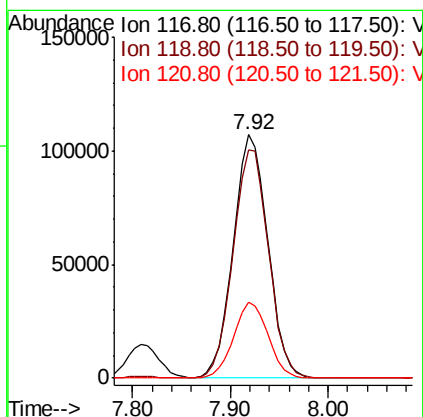
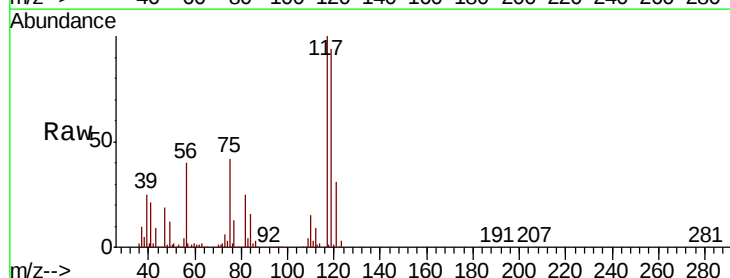
Instrument :
MSVOA_Y
ClientSampleId :

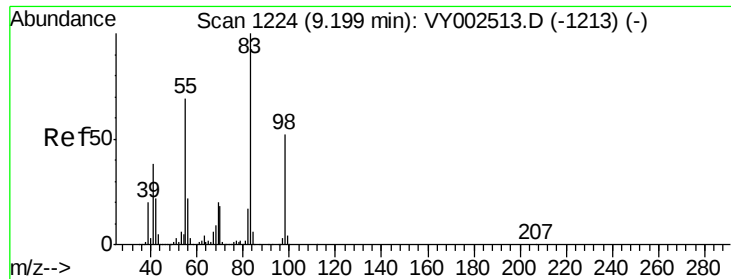
Tot Ion: 43 Resp: 131266
Ion Ratio Lower Upper
43 100
61 14.1 11.6 17.4
70 10.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 50.257 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Tgt Ion: 117 Resp: 263232
Ion Ratio Lower Upper
117 100
119 93.7 77.1 115.7
121 31.0 25.2 37.8

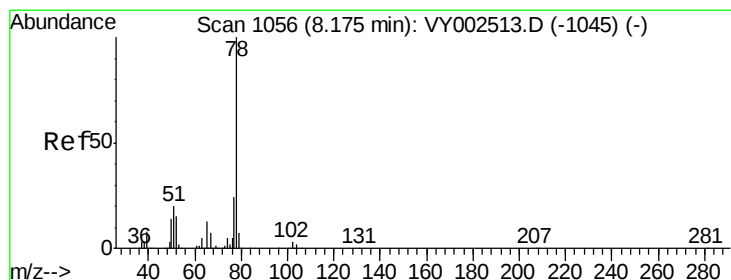
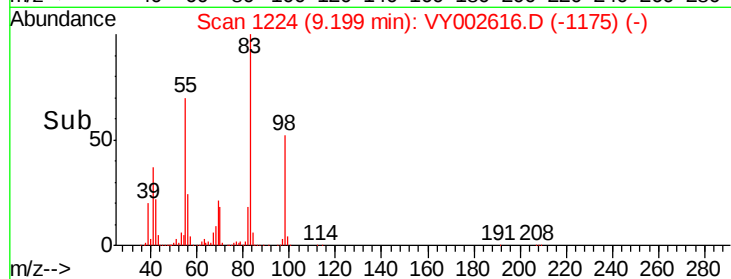
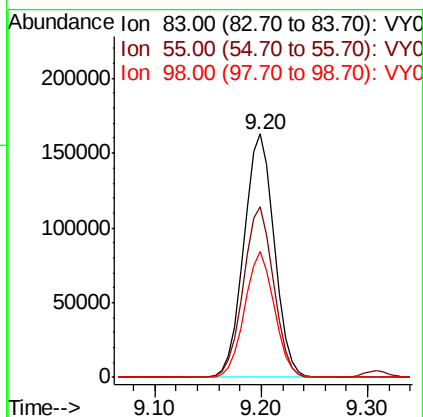
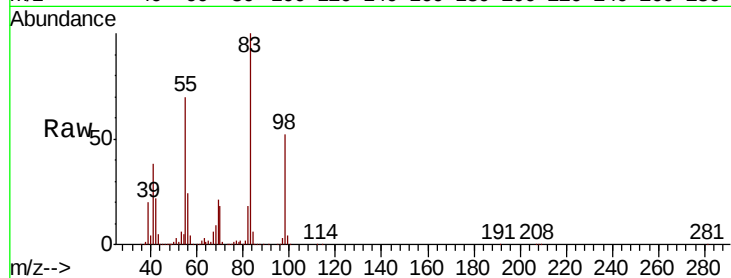




#39
Methvlcvclohexane
Concen: 51.606 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

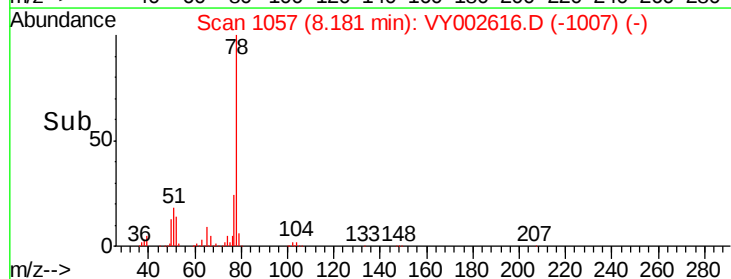
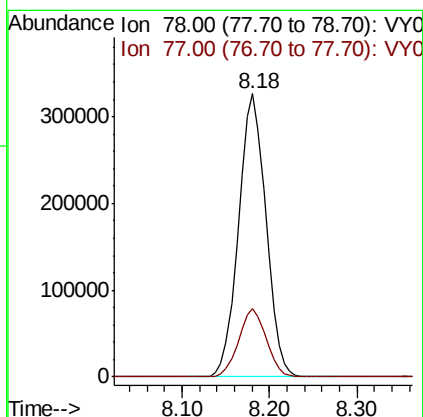
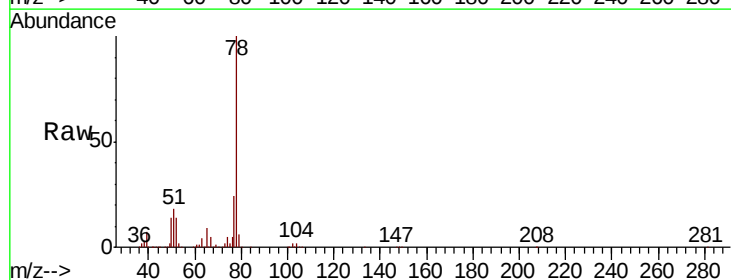
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 327006
Ion Ratio Lower Upper
83 100
55 70.1 55.4 83.0
98 51.9 41.3 61.9



#40
Benzene
Concen: 51.140 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Tgt Ion: 78 Resp: 708602
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

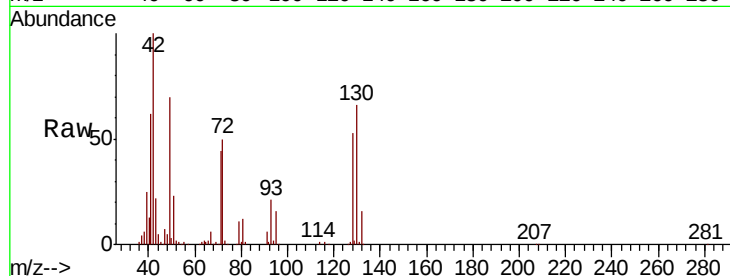




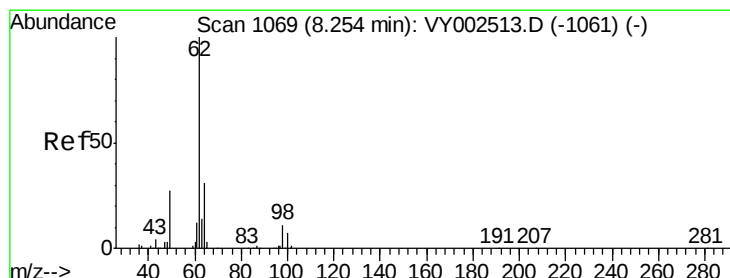
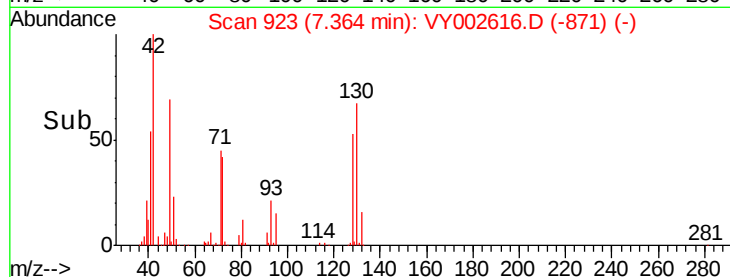
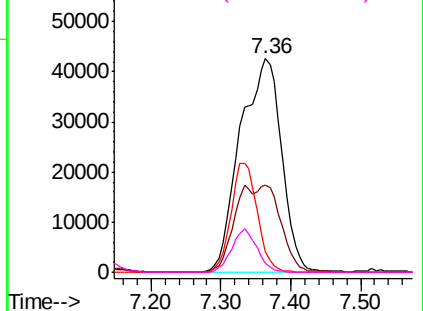
#41
Methacrylonitrile
Concen: 131.794 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	174696
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

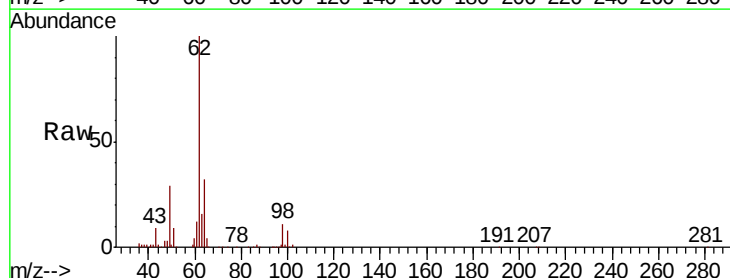


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

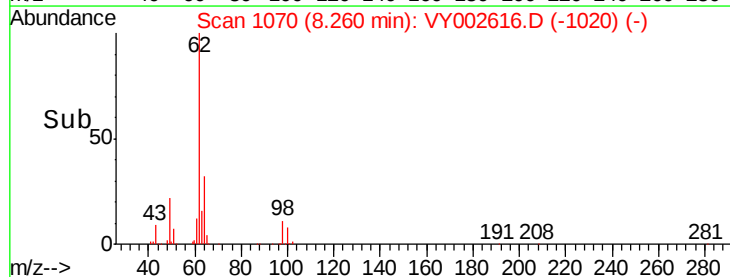
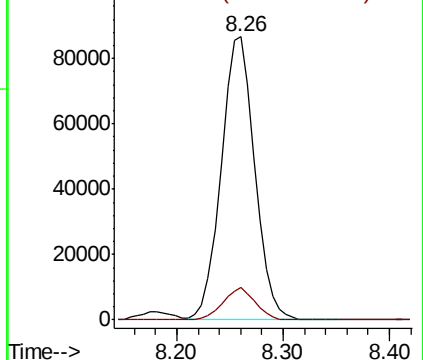


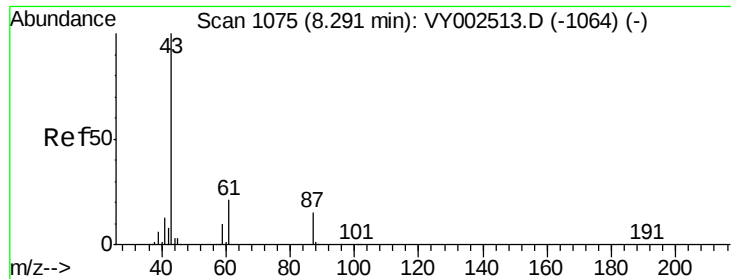
#42
1,2-Dichloroethane
Concen: 48.897 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Tgt Ion:	62	Resp:	190044
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 52.554 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampled :

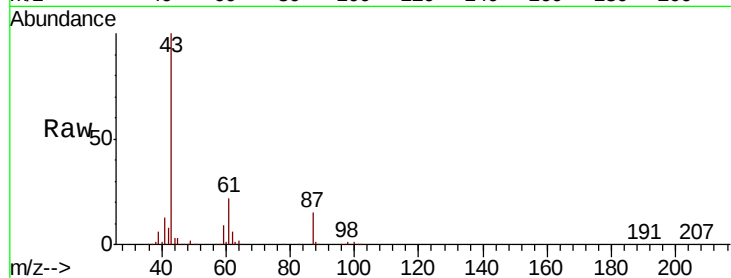
Tot Ion: 43 Resp: 242891

Ion Ratio Lower Upper

43 100

61 30.2 24.8 37.2

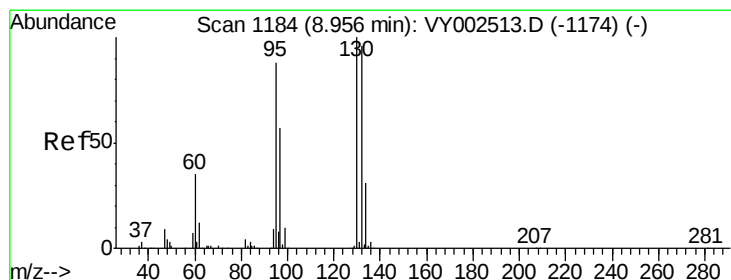
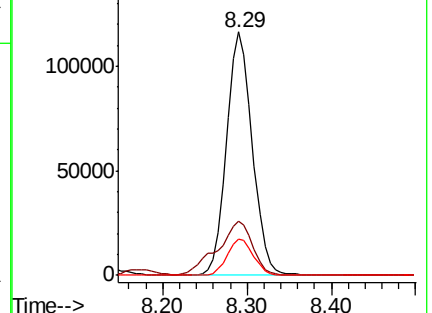
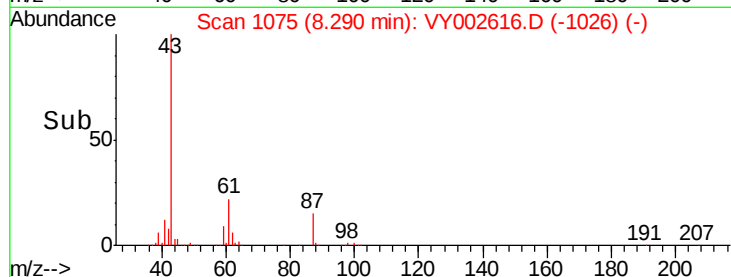
87 15.1 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002616.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002616.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002616.D (-1026) (-)



#44

Trichloroethene

Concen: 51.755 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY002616.D

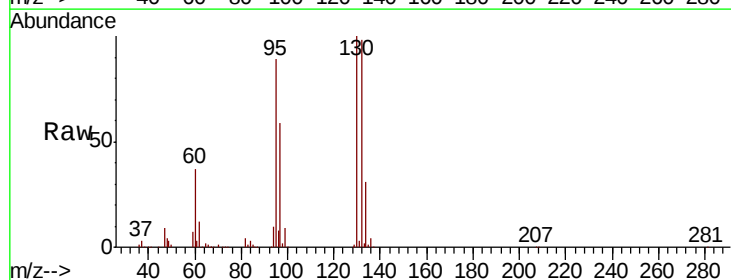
Acq: 06 May 2020 16:17

Tgt Ion:130 Resp: 224112

Ion Ratio Lower Upper

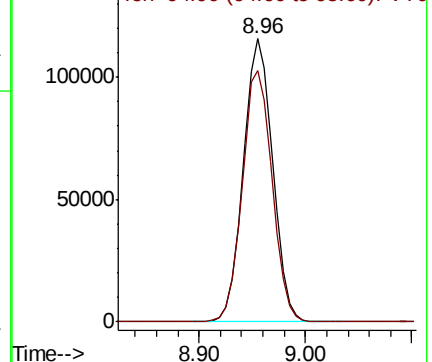
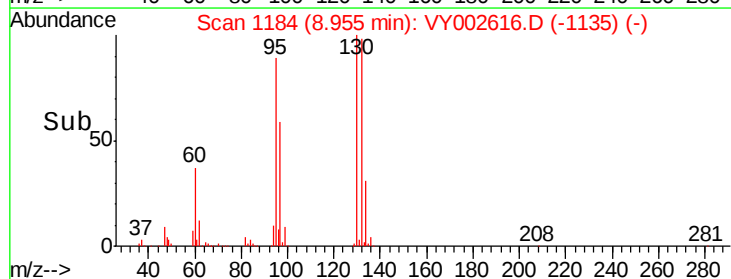
130 100

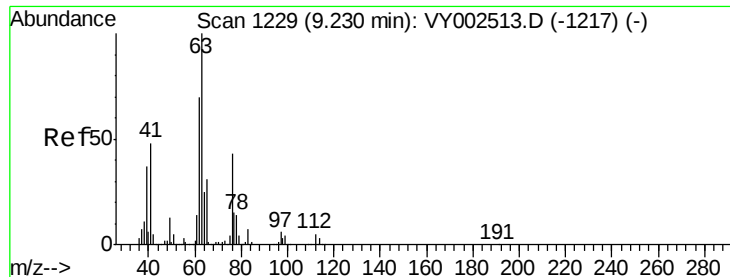
95 88.9 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002616.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002616.D (-1135) (-)





#45

1,2-Dichloropropane

Concen: 51.340 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

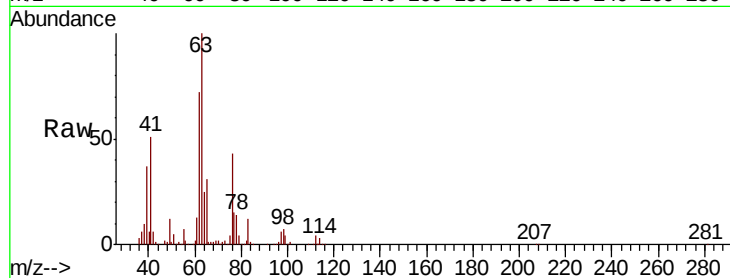
ClientSampleId :

Tot Ion: 63 Resp: 171686

Ion Ratio Lower Upper

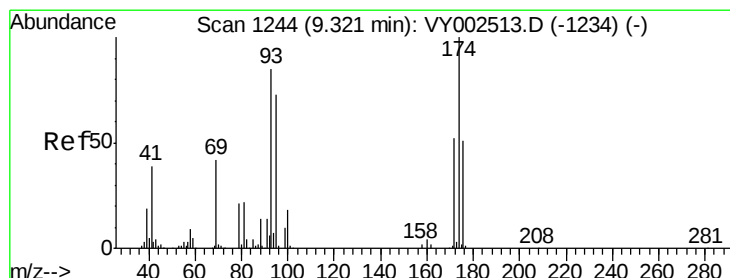
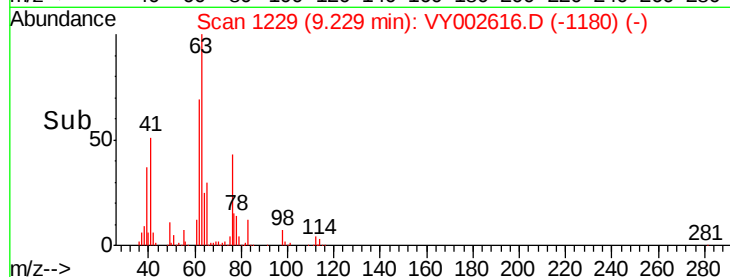
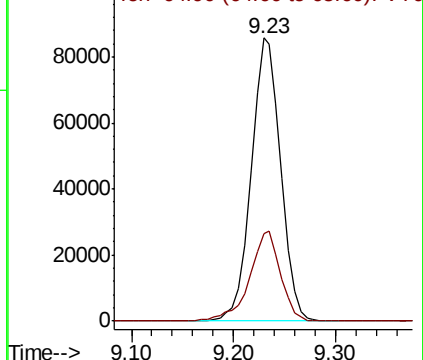
63 100

65 30.8 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY002616.D (-1180) (-)

Ion 64.90 (64.60 to 65.60): VY002616.D (-1180) (-)



#46

Dibromomethane

Concen: 50.311 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

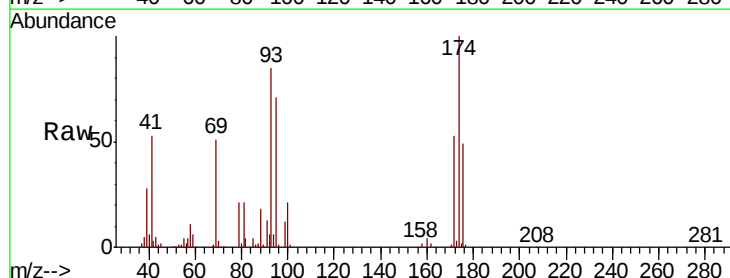
Tgt Ion: 93 Resp: 96801

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.4

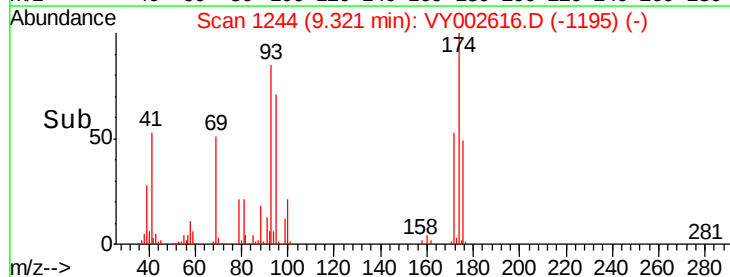
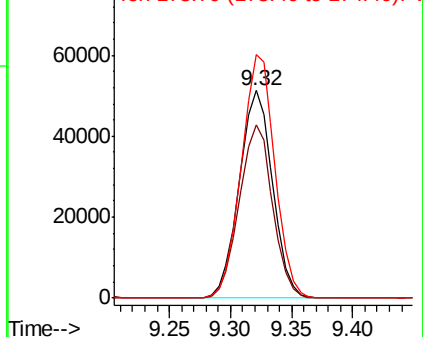
174 117.9 92.7 139.1

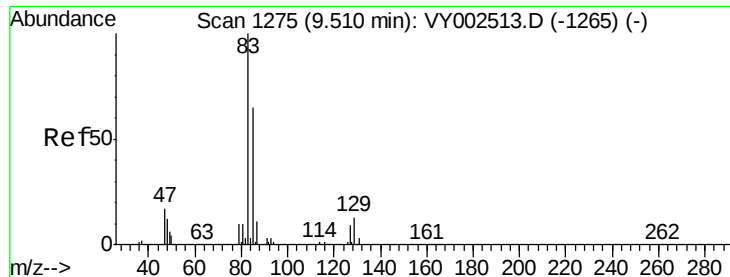


Abundance Ion 92.80 (92.50 to 93.50): VY002616.D (-1195) (-)

Ion 94.80 (94.50 to 95.50): VY002616.D (-1195) (-)

Ion 173.70 (173.40 to 174.40): VY002616.D (-1195) (-)





#47

Bromodichloromethane

Concen: 50.346 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

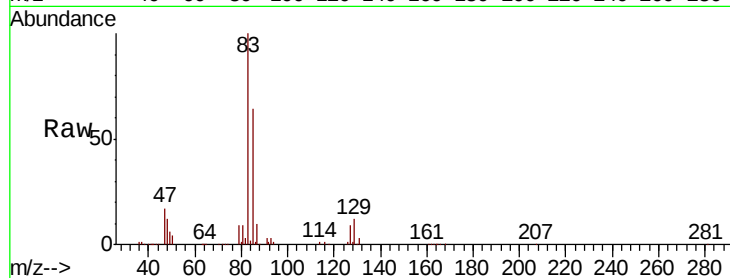
Tot Ion: 83 Resp: 235539

Ion Ratio Lower Upper

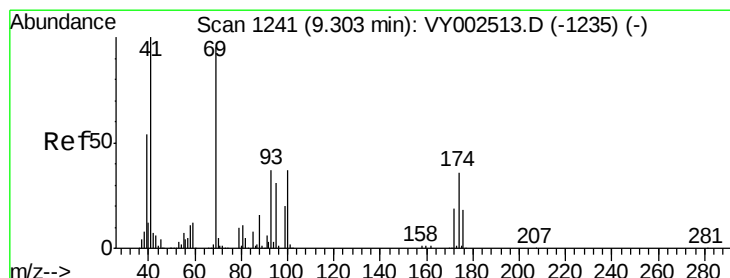
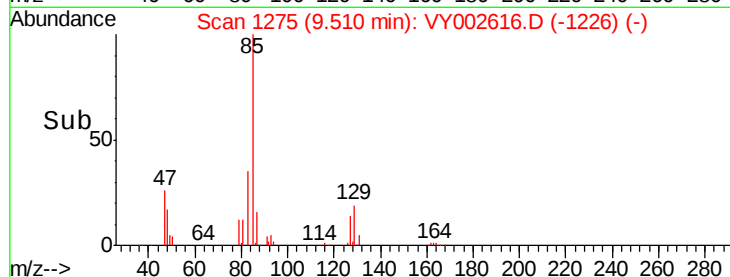
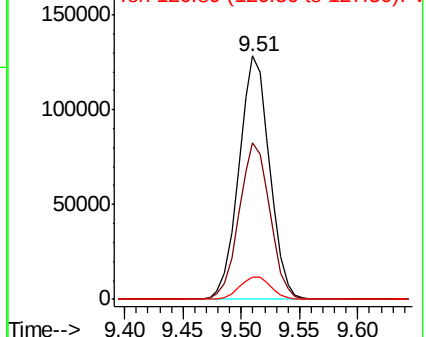
83 100

85 64.3 51.8 77.8

127 9.2 7.4 11.0



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



#48

Methyl methacrylate

Concen: 54.386 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

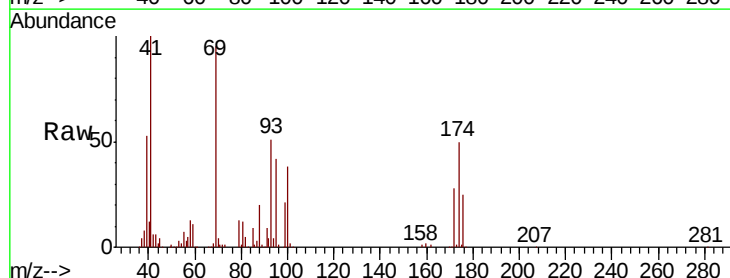
Tgt Ion: 41 Resp: 113758

Ion Ratio Lower Upper

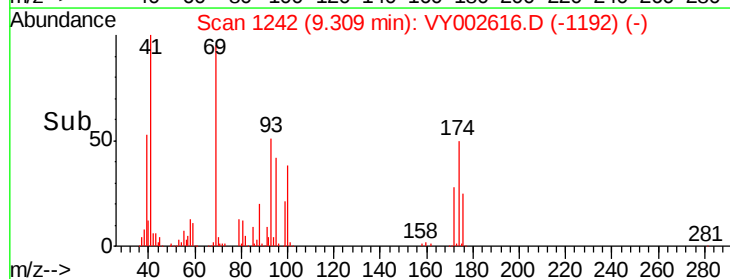
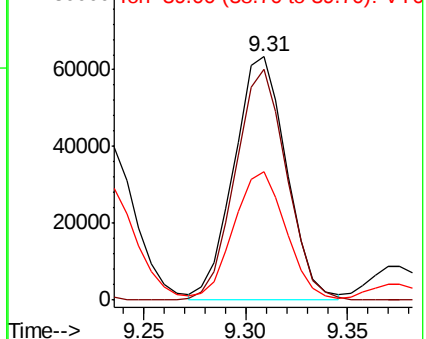
41 100

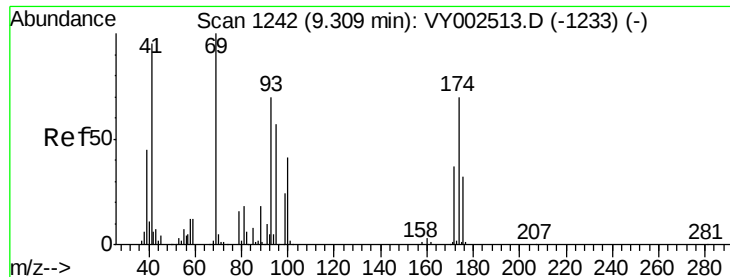
69 92.8 76.2 114.4

39 52.6 42.7 64.1



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: 1126.188 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :
MSVOA_Y
ClientSampled :

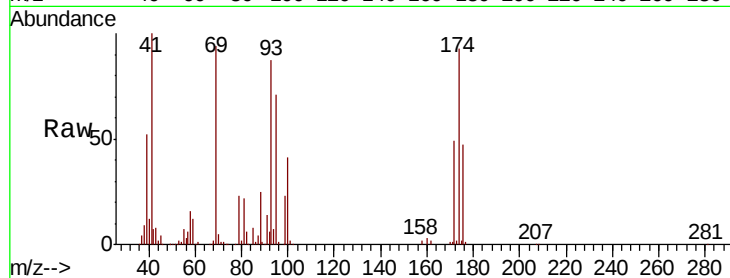
Tot Ion: 88 Resp: 28690

Ion Ratio Lower Upper

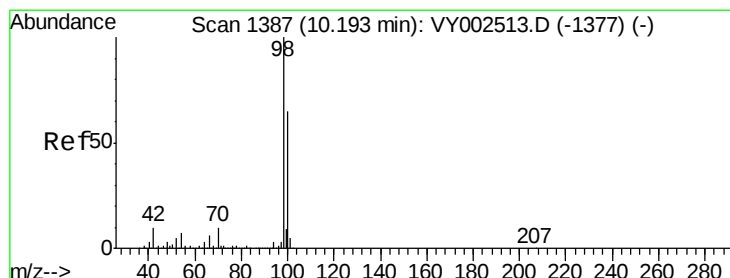
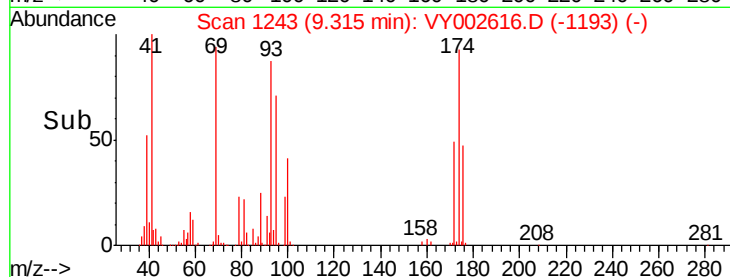
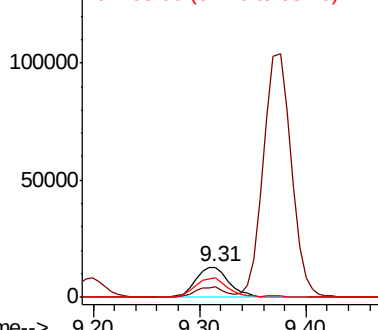
88 100

43 28.7 22.8 34.2

58 62.0 51.4 77.2



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



#50

Toluene-d8

Concen: 48.196 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002616.D

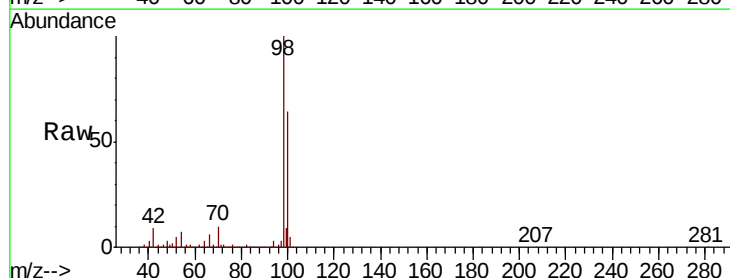
Acq: 06 May 2020 16:17

Tgt Ion: 98 Resp: 616004

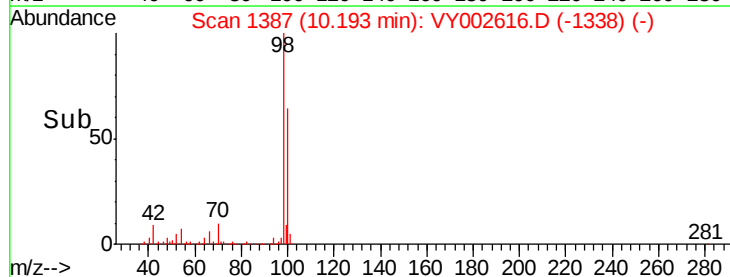
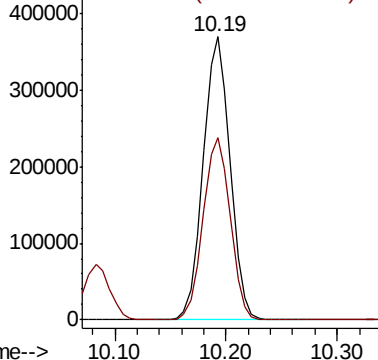
Ion Ratio Lower Upper

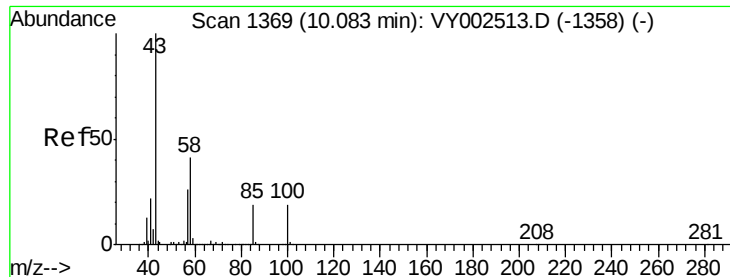
98 100

100 65.1 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 270.120 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

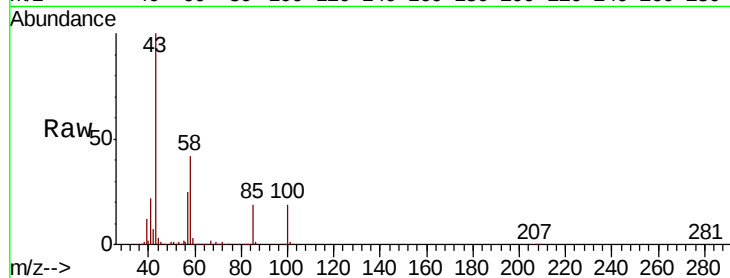
ClientSampleId :

Tot Ion: 43 Resp: 643487

Ion Ratio Lower Upper

43 100

58 41.7 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1358) (-)

10.08

400000

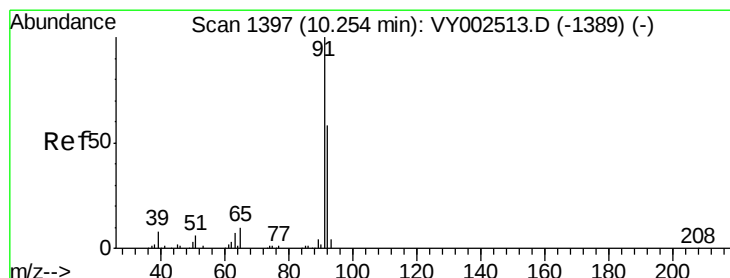
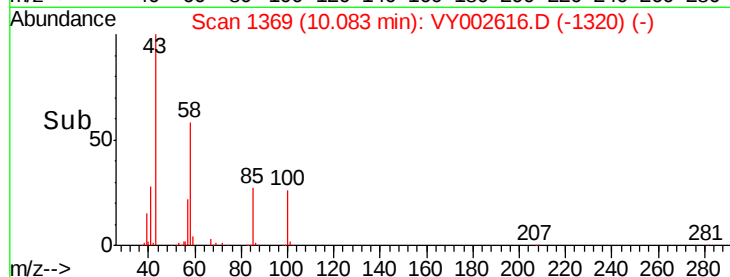
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.386 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY002616.D

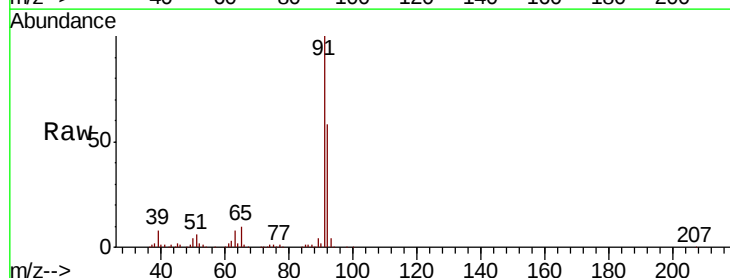
Acq: 06 May 2020 16:17

Tgt Ion: 92 Resp: 457591

Ion Ratio Lower Upper

92 100

91 171.5 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002513.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY002513.D (-1389) (-)

10.25

500000

400000

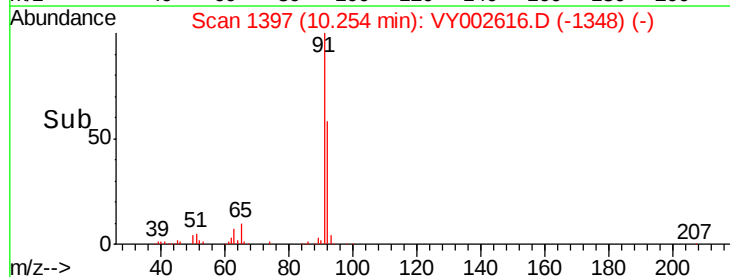
300000

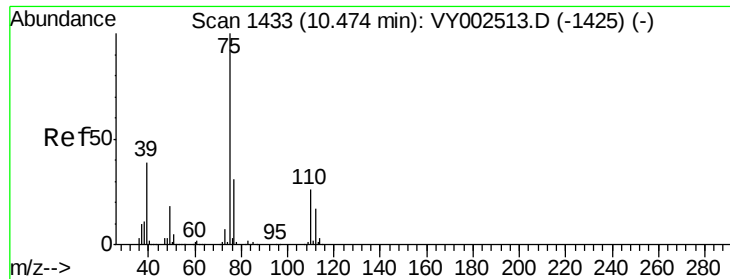
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.651 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

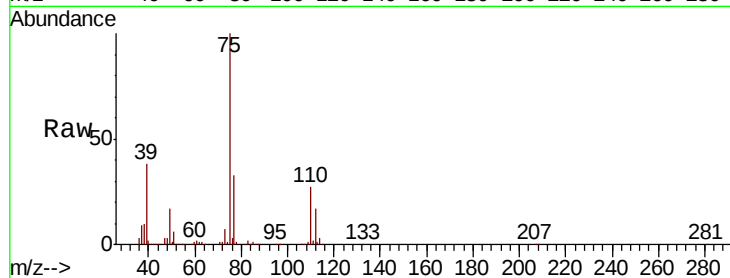
ClientSampleId :

Tot Ion: 75 Resp: 253186

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.48

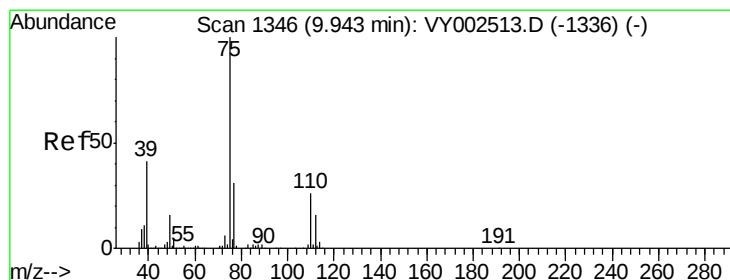
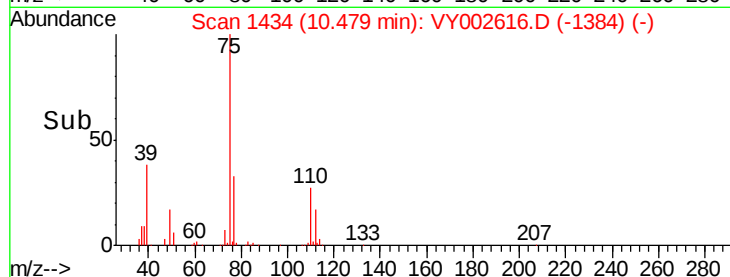
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.292 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

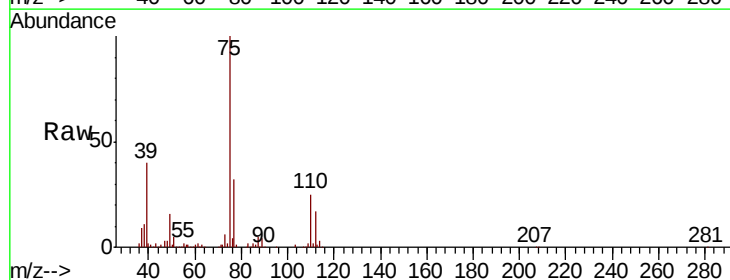
Tgt Ion: 75 Resp: 290661

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 40.1 32.7 49.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

200000

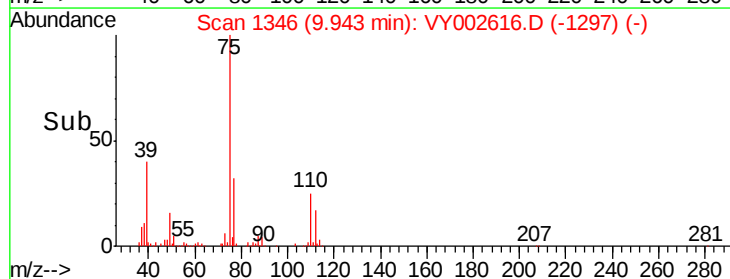
150000

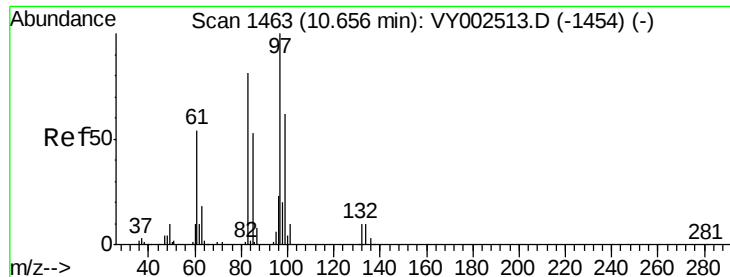
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.131 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 97 Resp: 143464

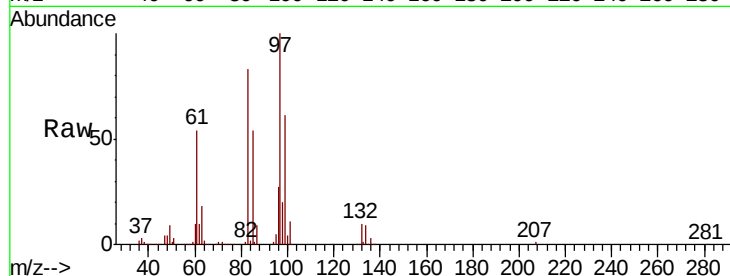
Ion Ratio Lower Upper

97 100

83 83.0 65.1 97.7

85 53.8 42.7 64.1

99 61.4 50.0 75.0

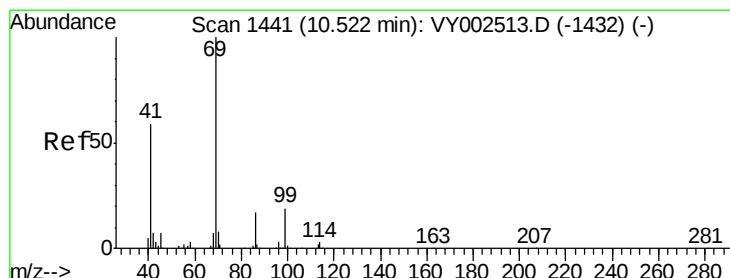
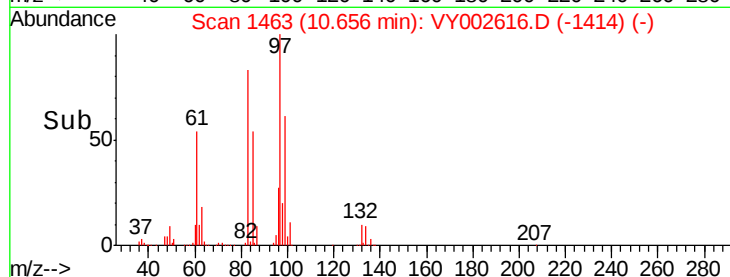
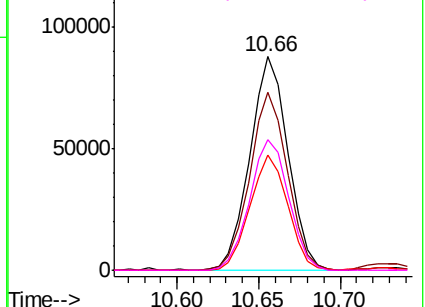


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 53.098 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

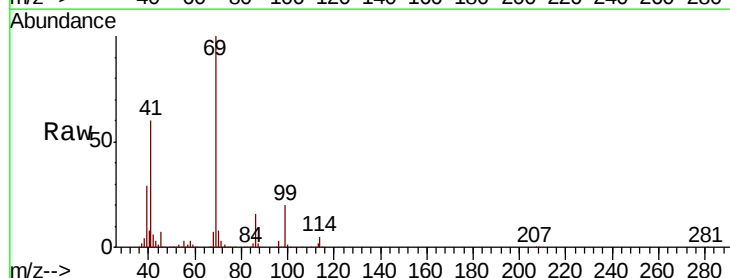
Tgt Ion: 69 Resp: 198193

Ion Ratio Lower Upper

69 100

41 60.3 48.6 73.0

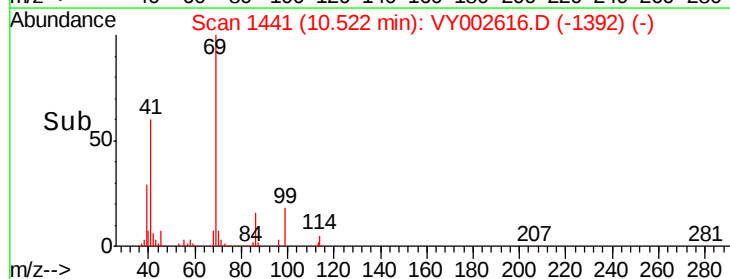
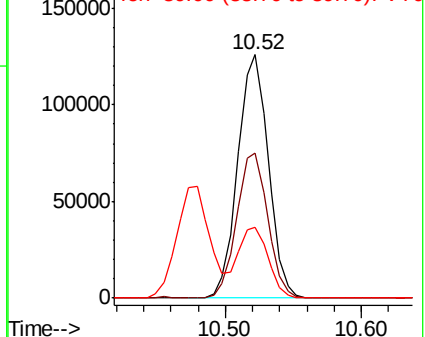
39 29.7 25.0 37.4

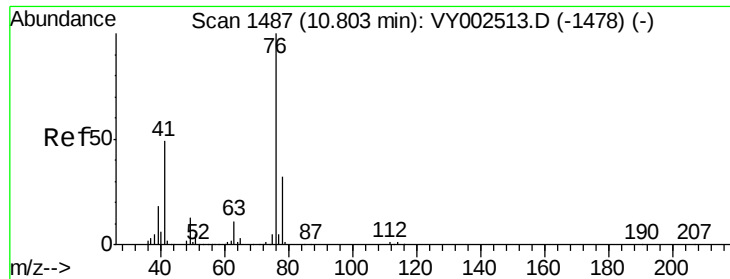


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 50.518 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

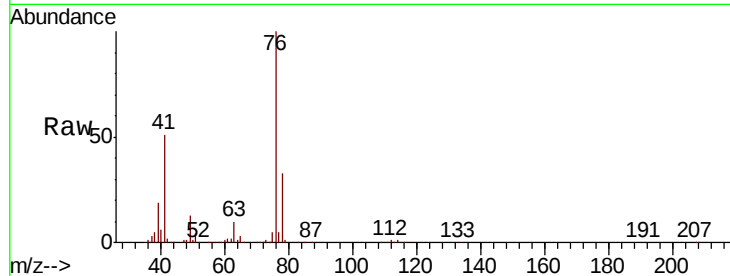
ClientSampleId :

Tot Ion: 76 Resp: 240376

Ion Ratio Lower Upper

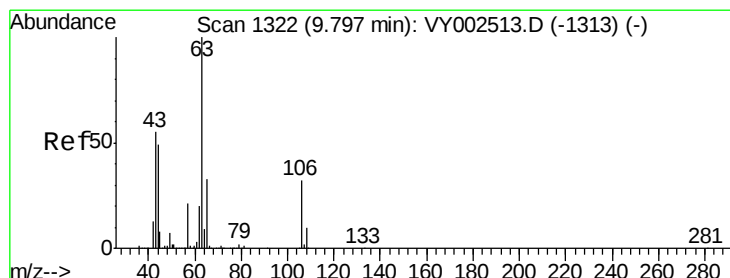
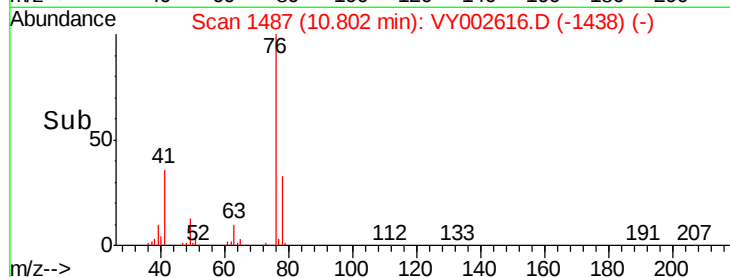
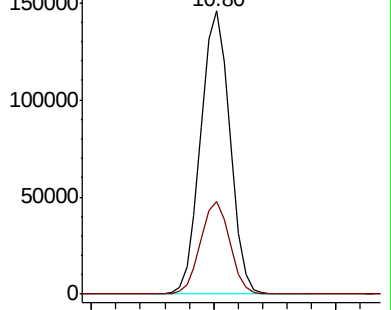
76 100

78 32.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 255.788 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002616.D

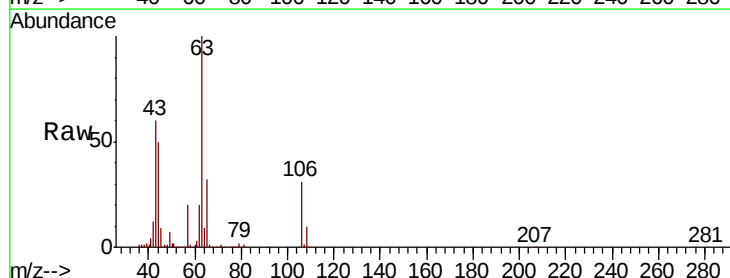
Acq: 06 May 2020 16:17

Tgt Ion: 63 Resp: 503496

Ion Ratio Lower Upper

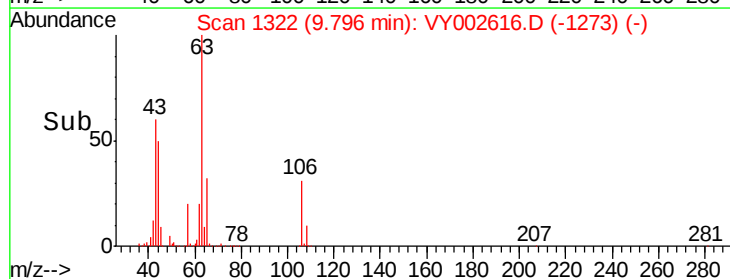
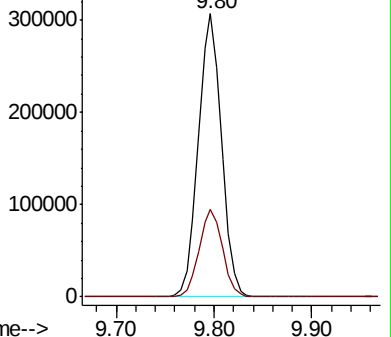
63 100

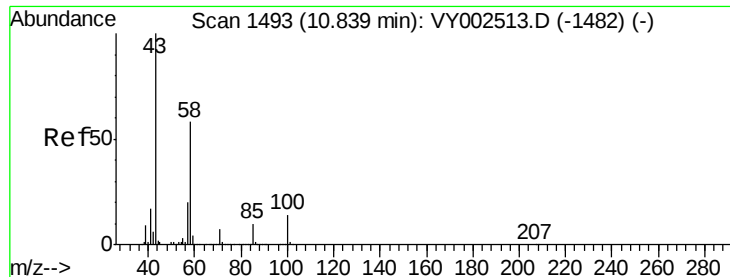
106 31.2 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

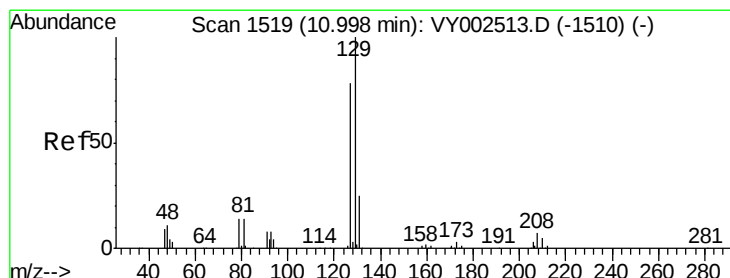
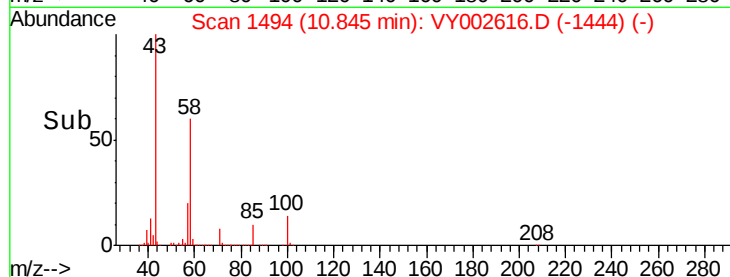
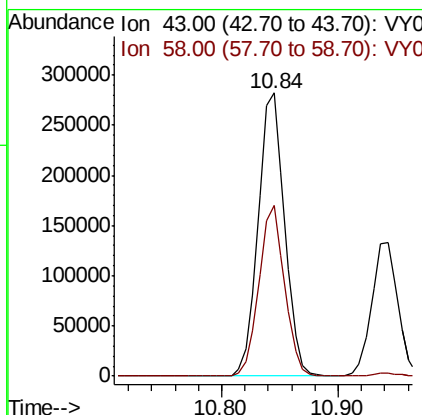
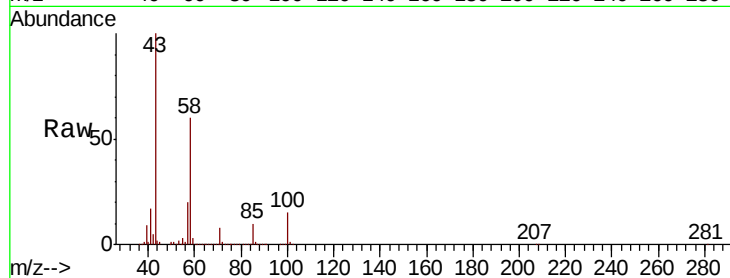




#59
2-Hexanone
Concen: 271.374 ug/l
RT: 10.84 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

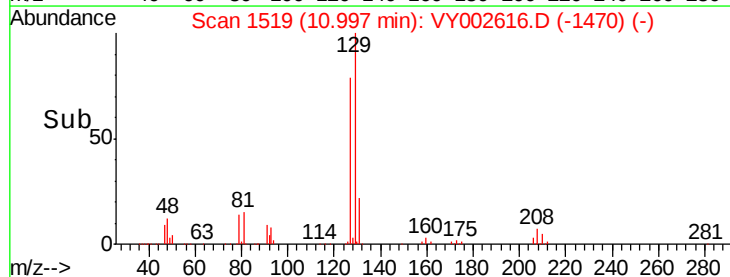
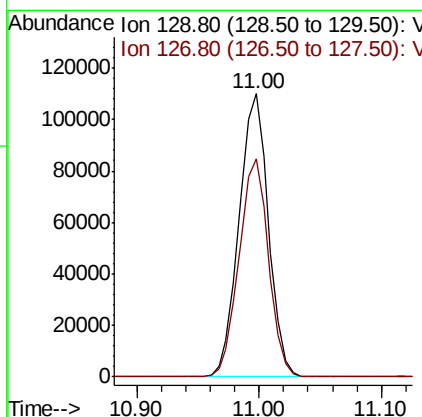
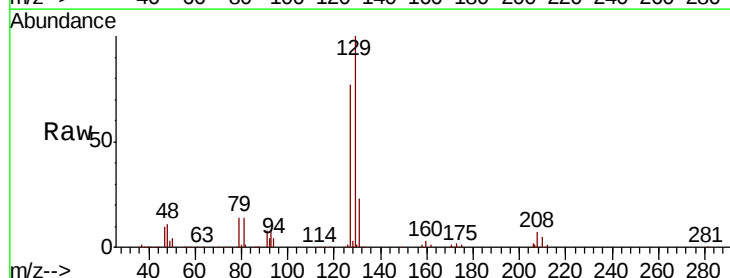
Instrument :
MSVOA_Y
ClientSampleId :

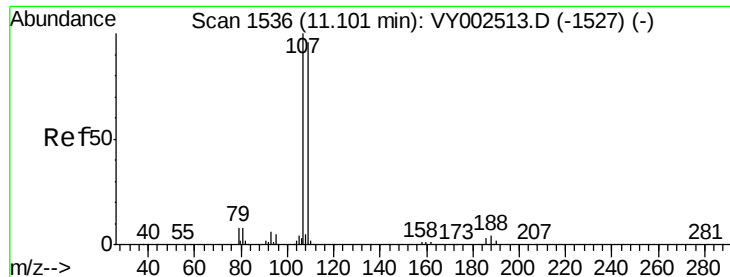
Tot Ion: 43 Resp: 444948
Ion Ratio Lower Upper
43 100
58 58.5 29.1 87.3



#60
Dibromochloromethane
Concen: 51.221 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Tgt Ion: 129 Resp: 182788
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

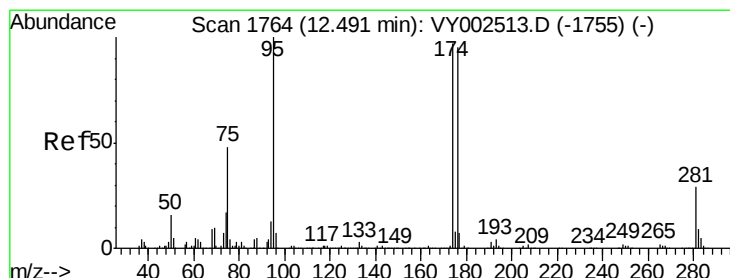
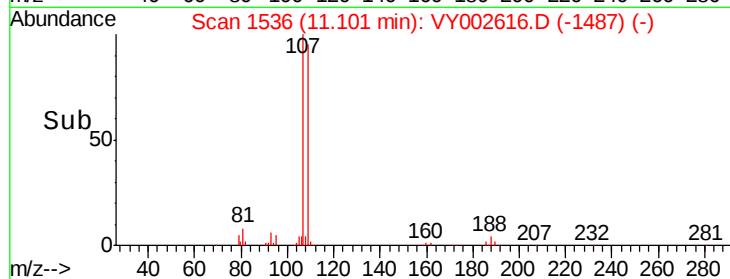
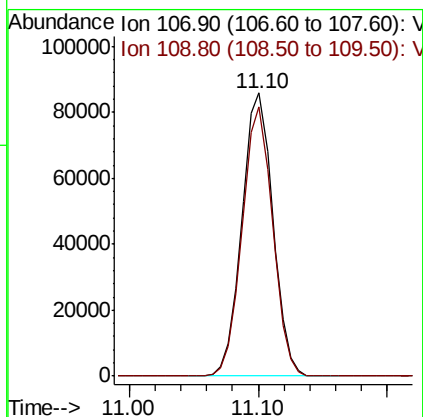
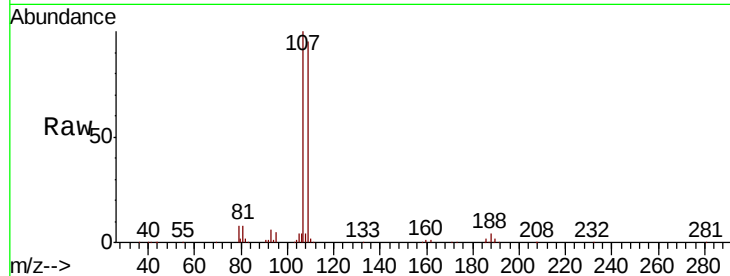




#61
 1,2-Dibromoethane
 Concen: 51.318 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

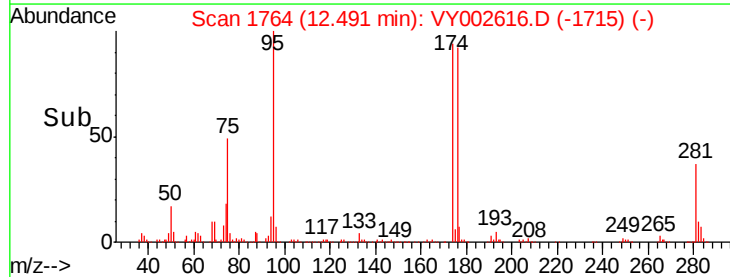
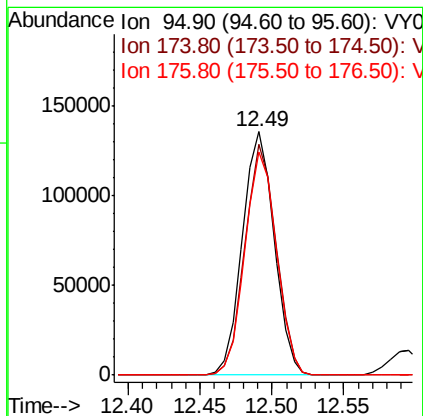
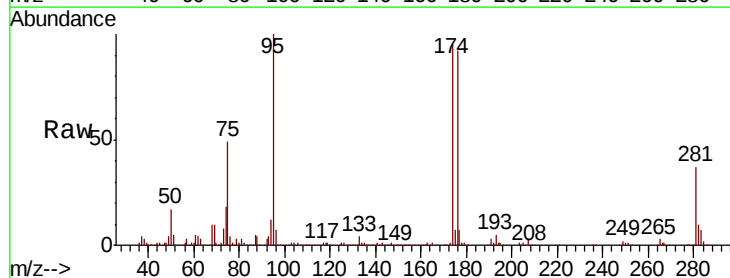
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 107 Resp: 142575
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.960 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Tgt Ion: 95 Resp: 208001
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 188.8
 176 90.9 0.0 183.2

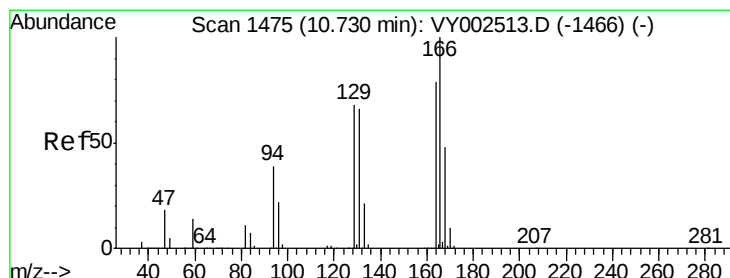
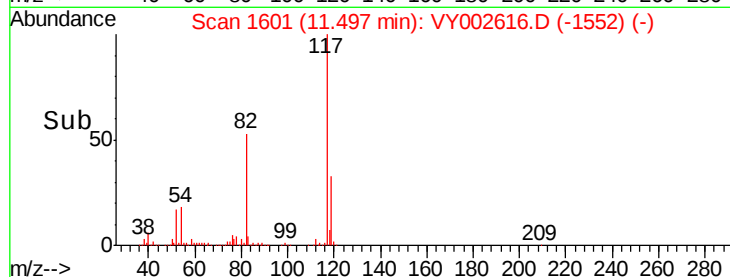
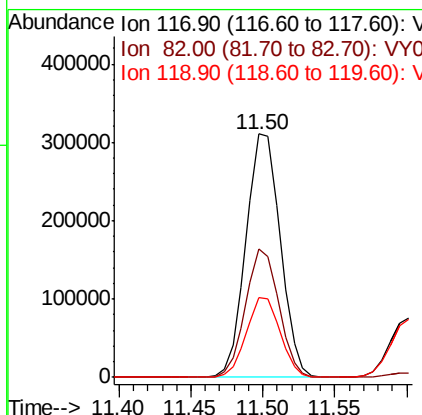
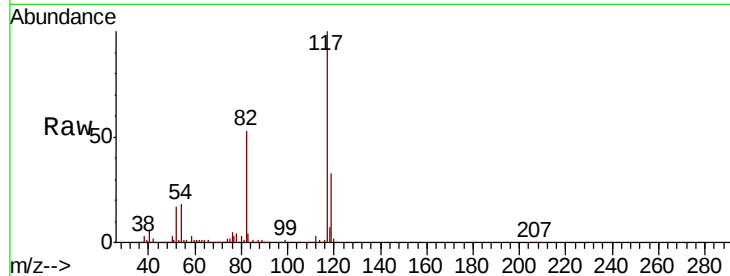




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

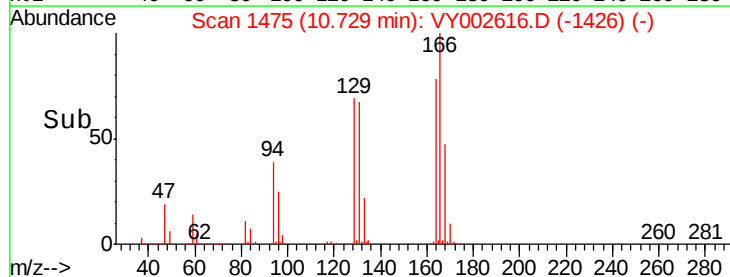
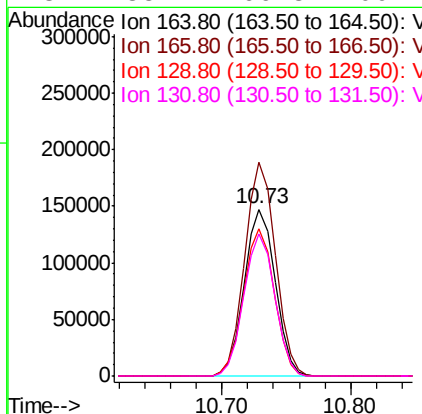
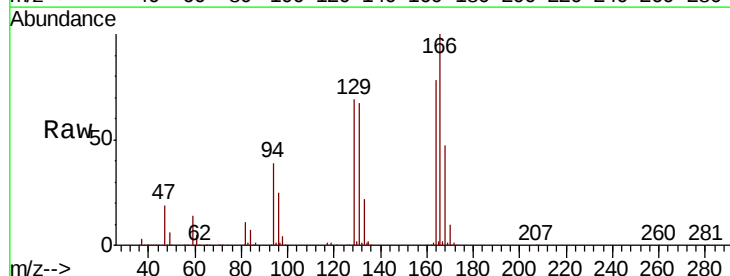
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 512868
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 32.8 26.0 39.0



#64
Tetrachloroethene
Concen: 53.525 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Tgt Ion:164 Resp: 243903
Ion Ratio Lower Upper
164 100
166 127.9 100.7 151.1
129 87.9 68.3 102.5
131 85.4 66.8 100.2





#65

Chlorobenzene

Concen: 51.714 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

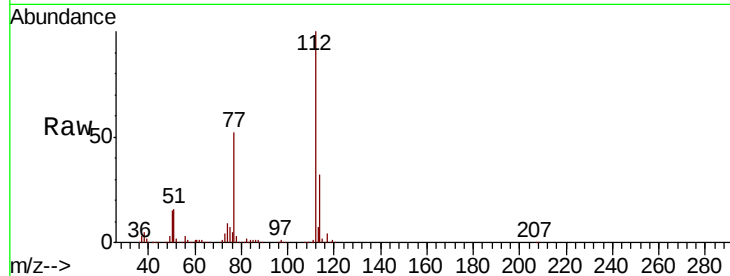
ClientSampleId :

Tot Ion:112 Resp: 504189

Ion Ratio Lower Upper

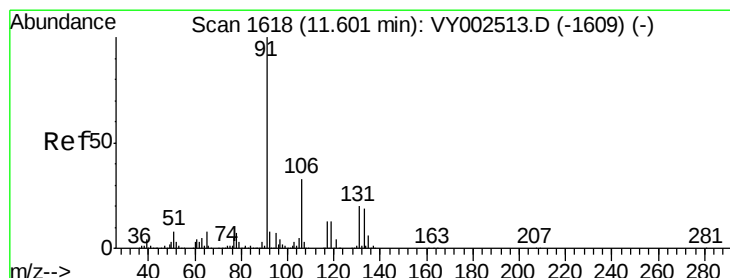
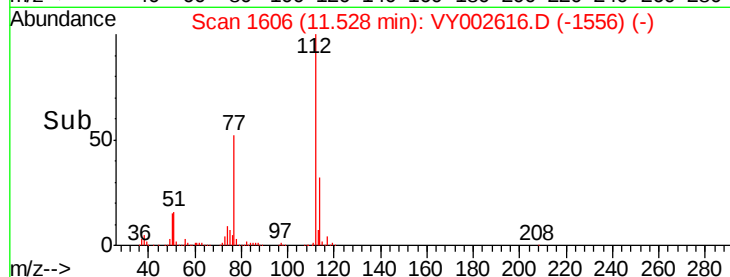
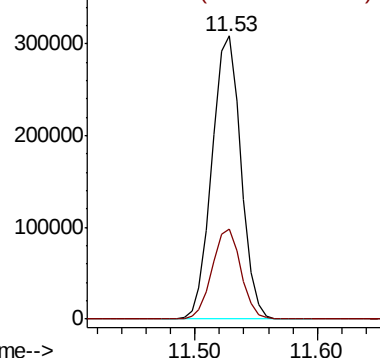
112 100

114 31.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.453 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

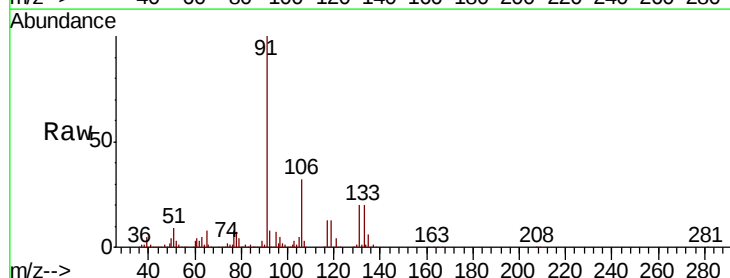
Tgt Ion:131 Resp: 186214

Ion Ratio Lower Upper

131 100

133 96.1 48.1 144.4

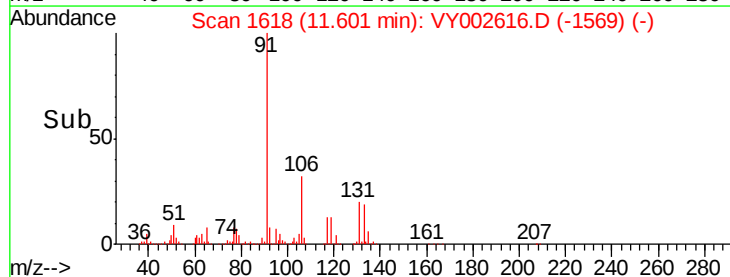
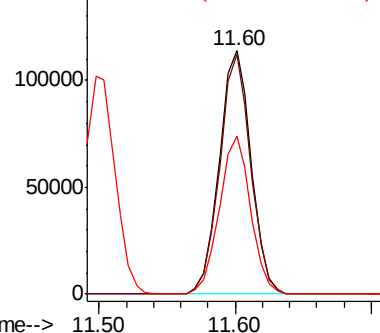
119 63.9 31.6 95.0

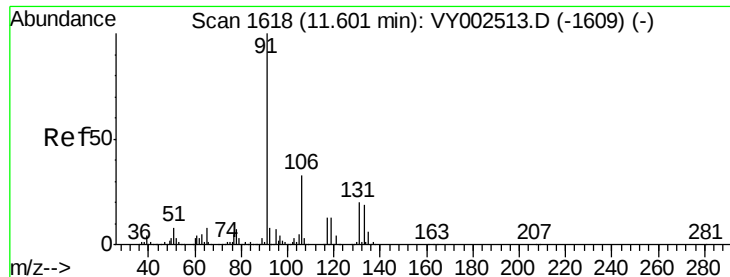


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.700 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

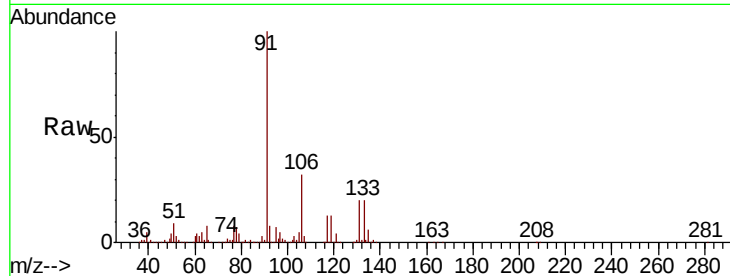
ClientSampled :

Tot Ion: 91 Resp: 885415

Ion Ratio Lower Upper

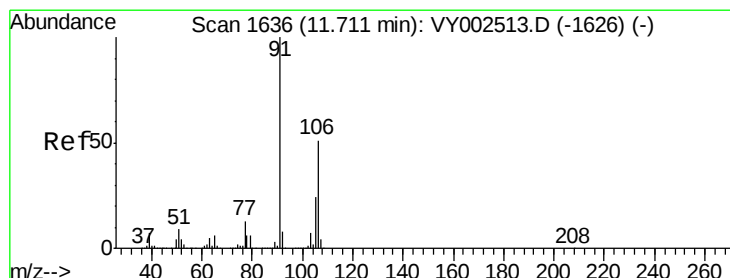
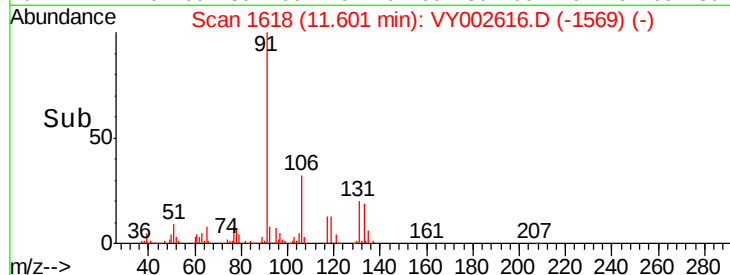
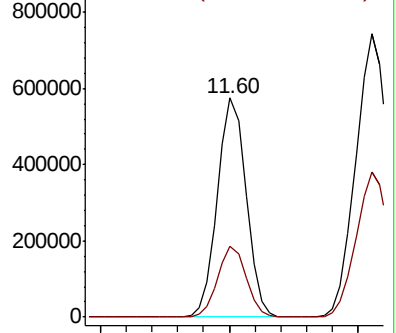
91 100

106 32.3 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.981 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002616.D

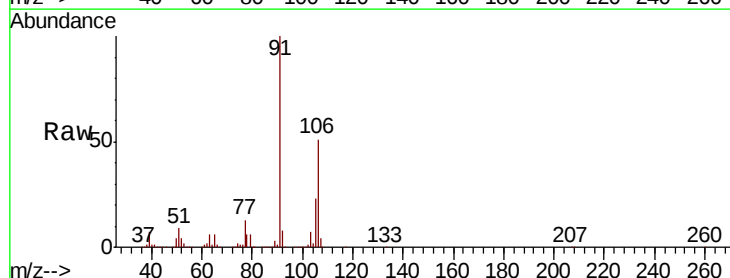
Acq: 06 May 2020 16:17

Tgt Ion:106 Resp: 682395

Ion Ratio Lower Upper

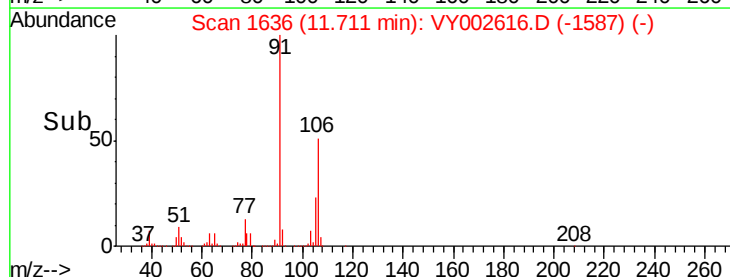
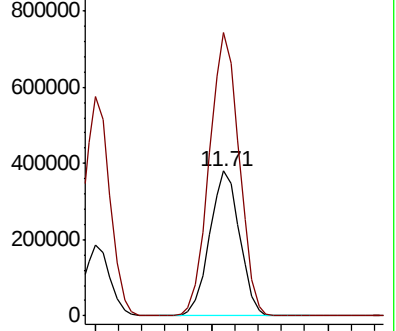
106 100

91 194.8 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

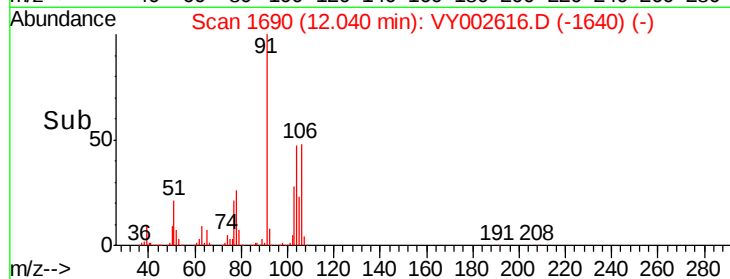
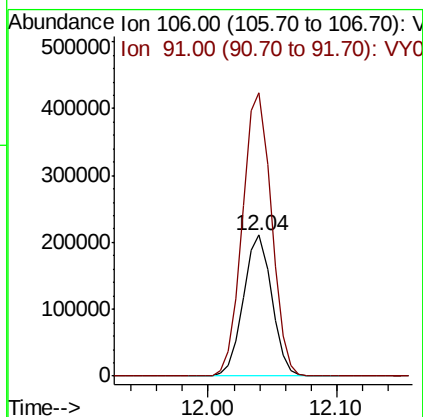
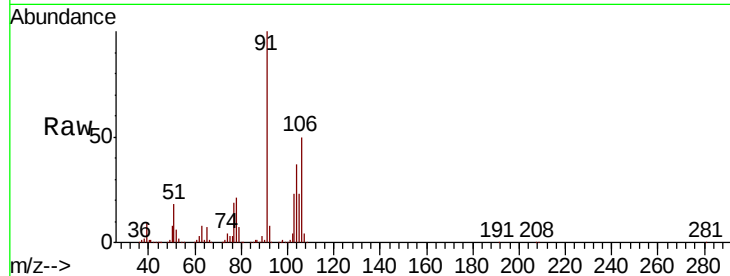




#69
o-Xylene
Concen: 51.784 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

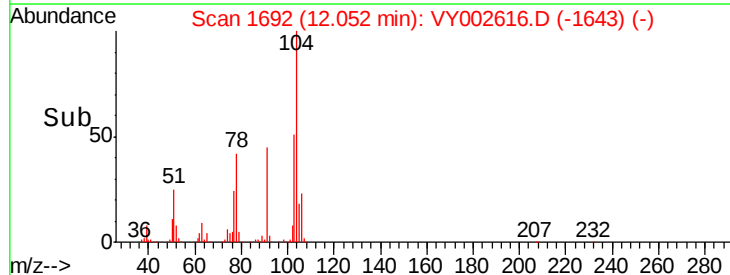
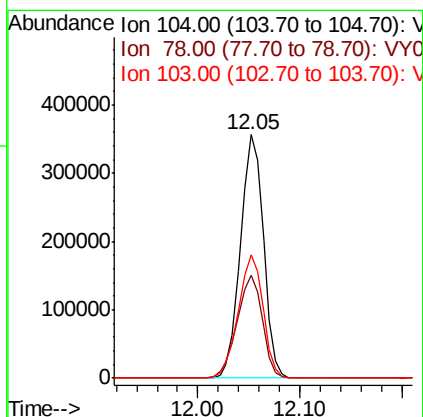
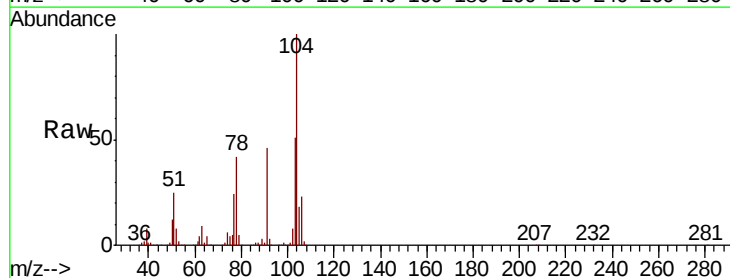
Instrument :
MSVOA_Y
ClientSampled :

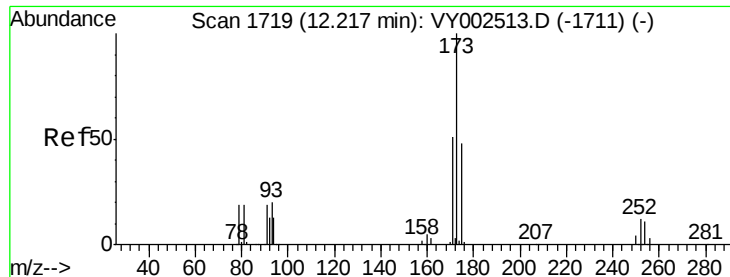
Tot Ion:106 Resp: 321292
Ion Ratio Lower Upper
106 100
91 204.7 103.8 311.3



#70
Styrene
Concen: 52.379 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Tgt Ion:104 Resp: 555563
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.0
103 54.3 43.9 65.9

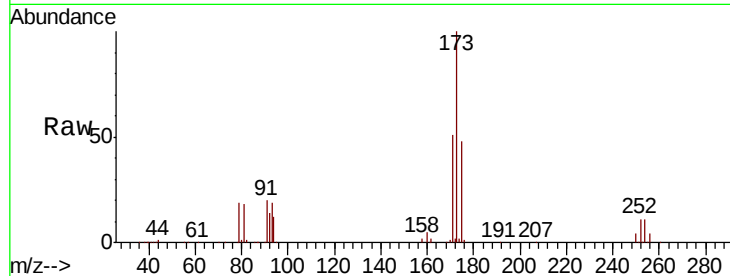




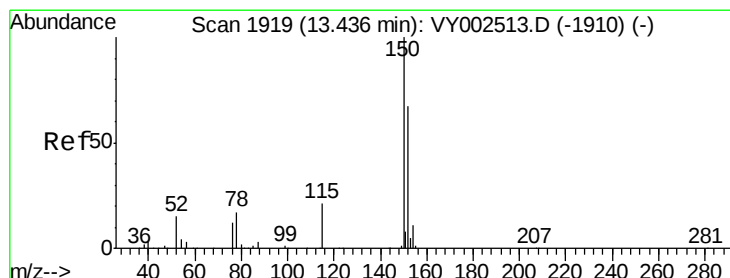
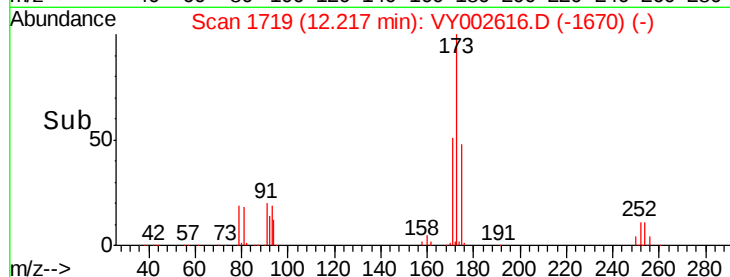
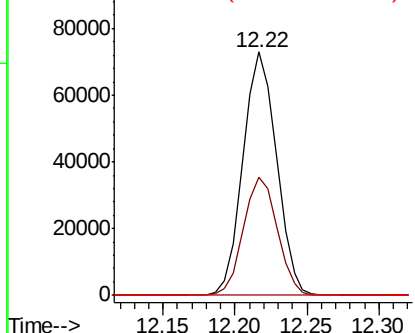
#71
Bromoform
Concen: 52.551 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:173 Resp: 118044
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.2 0.2 0.2

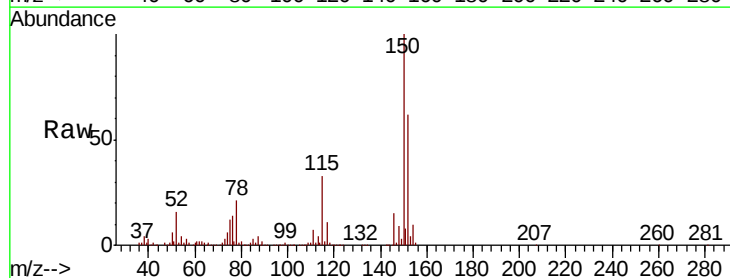


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

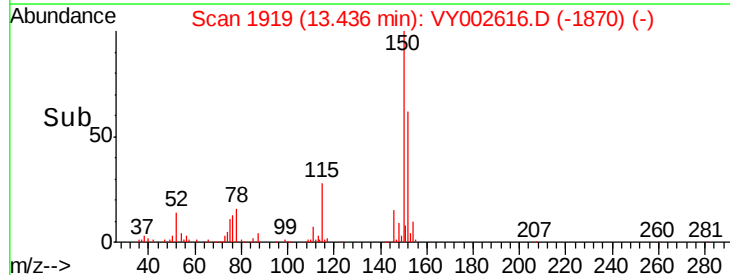
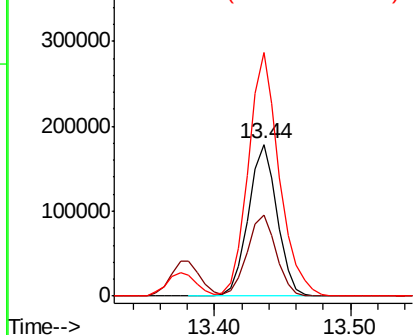


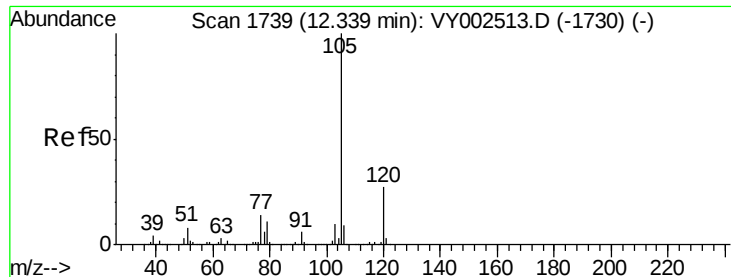
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Tgt Ion:152 Resp: 263743
Ion Ratio Lower Upper
152 100
115 53.9 27.5 82.4
150 172.7 0.0 346.4



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: 51.362 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

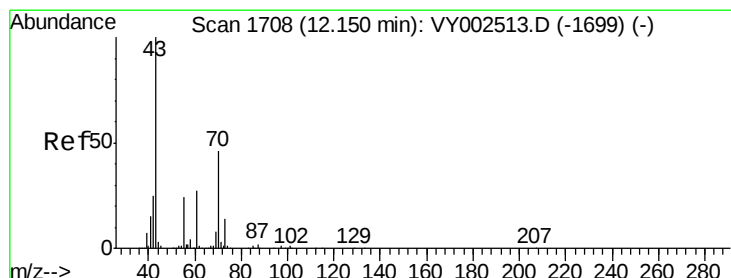
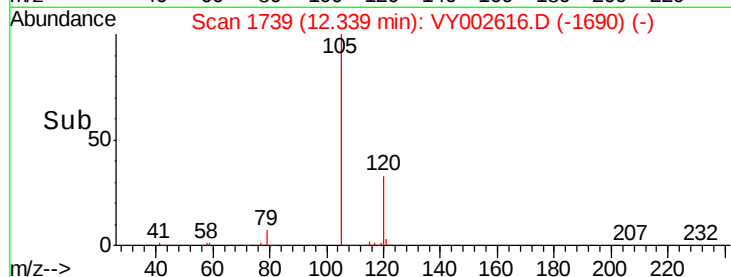
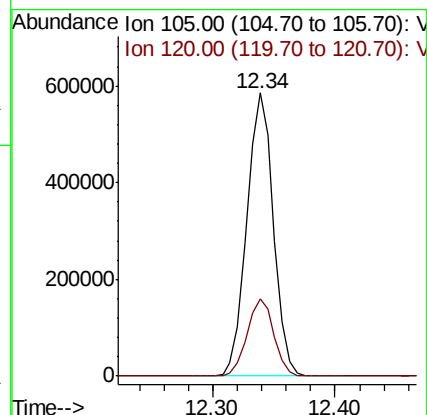
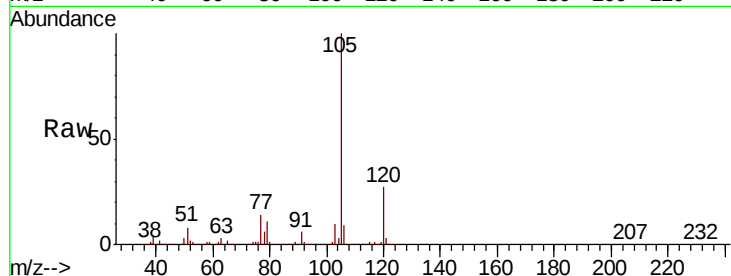
ClientSampleId :

Tot Ion:105 Resp: 877931

Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3



#74

N-ethyl acetate

Concen: 53.648 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Tgt Ion: 43 Resp: 220591

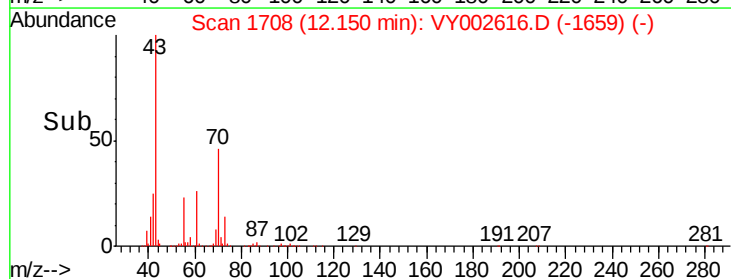
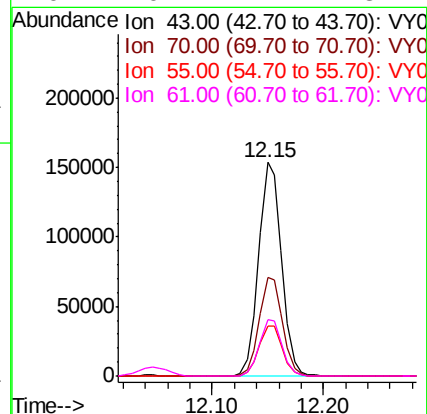
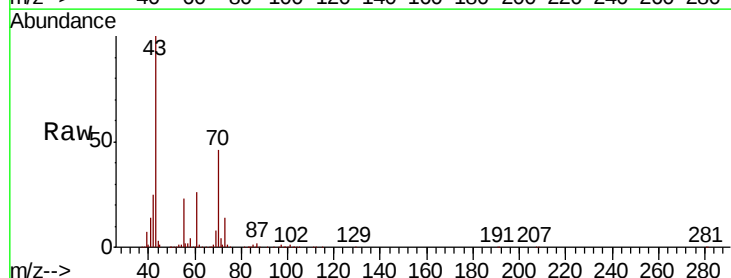
Ion Ratio Lower Upper

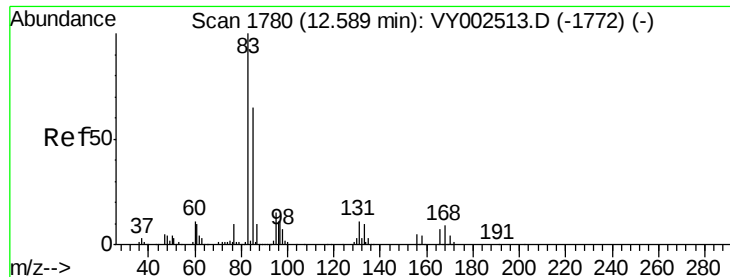
43 100

70 46.9 36.7 55.1

55 24.2 19.2 28.8

61 26.2 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.020 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampled :

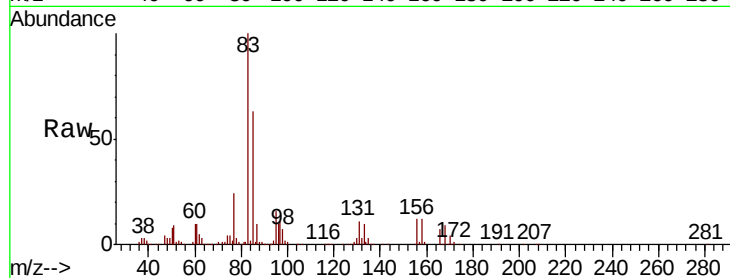
Tot Ion: 83 Resp: 135974

Ion Ratio Lower Upper

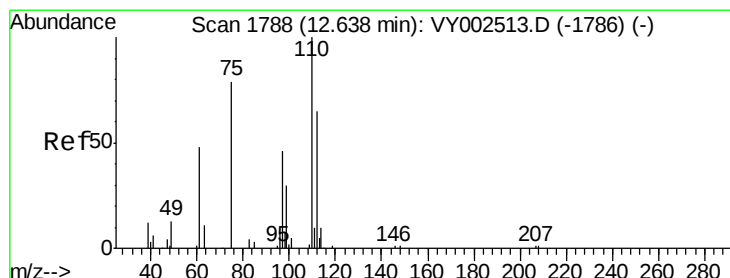
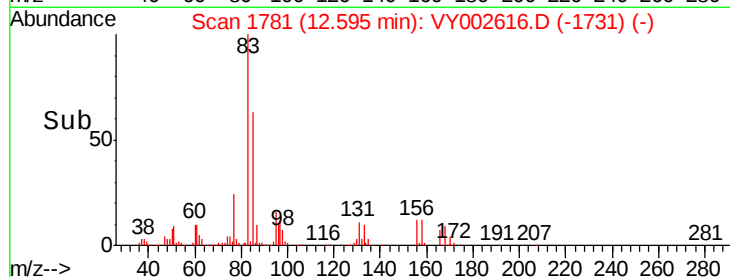
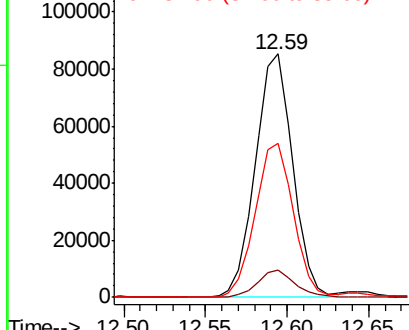
83 100

131 11.4 5.9 17.8

85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 92.914 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002616.D

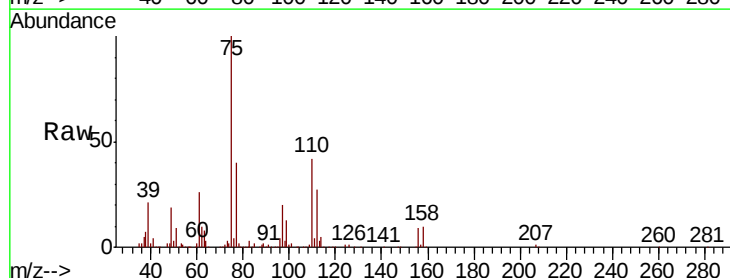
Acq: 06 May 2020 16:17

Tgt Ion: 75 Resp: 217772

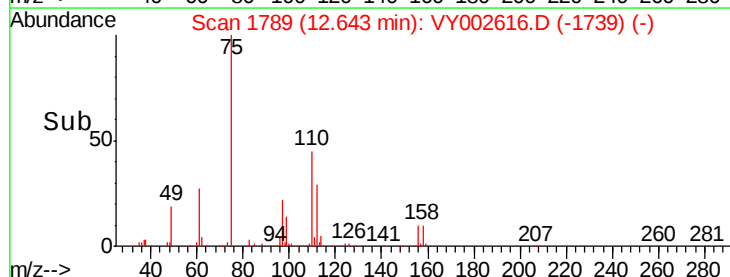
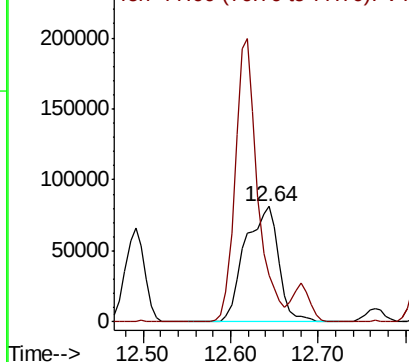
Ion Ratio Lower Upper

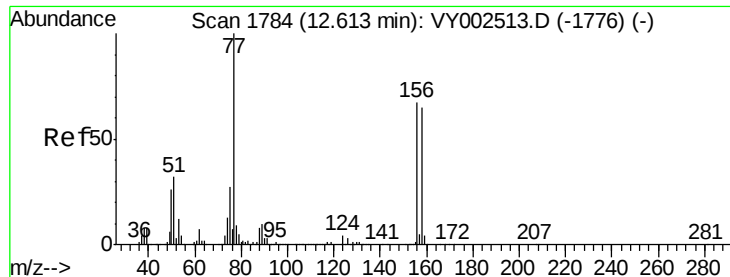
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.612 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampled :

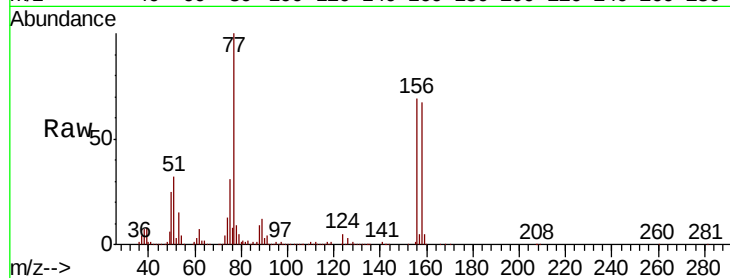
Tot Ion:156 Resp: 216139

Ion Ratio Lower Upper

156 100

77 165.7 82.0 245.8

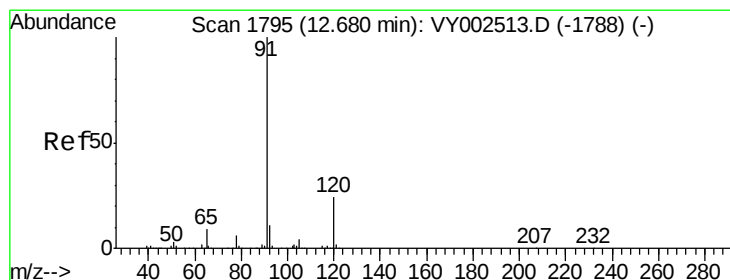
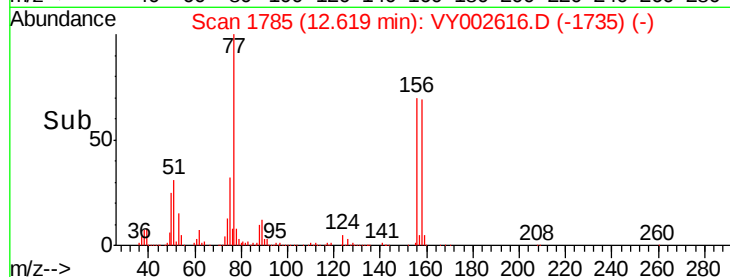
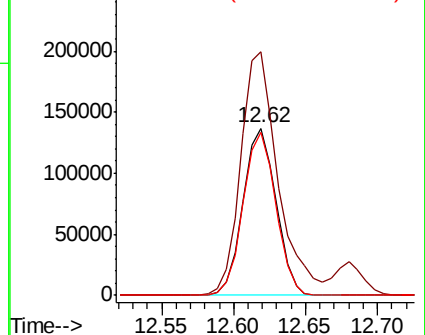
158 97.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.650 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002616.D

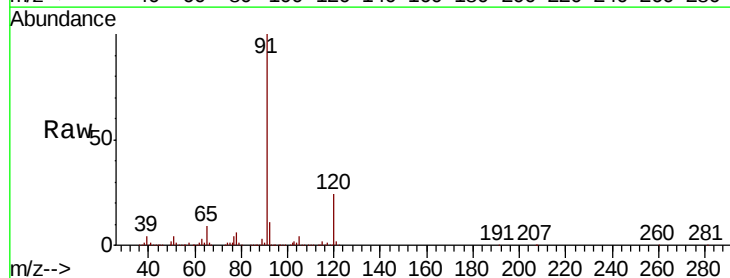
Acq: 06 May 2020 16:17

Tgt Ion: 91 Resp: 1024538

Ion Ratio Lower Upper

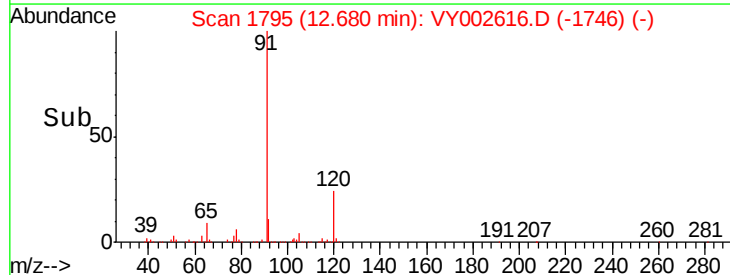
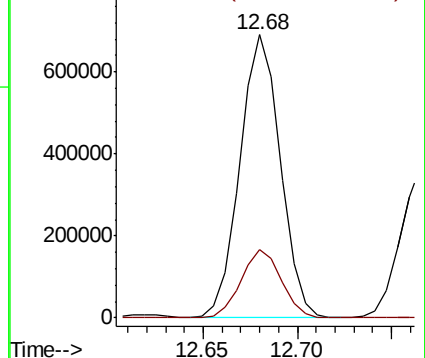
91 100

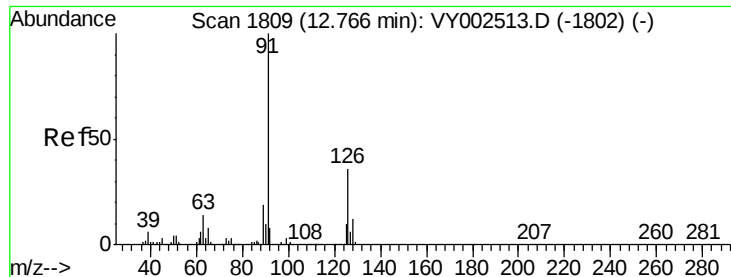
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

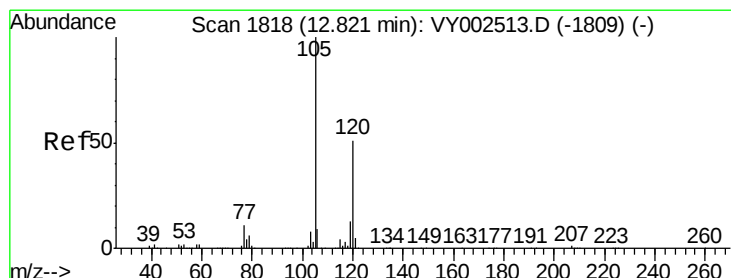
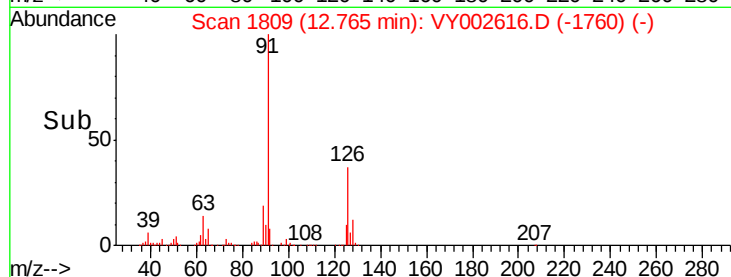
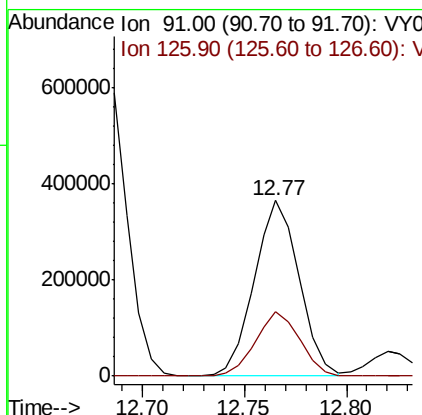
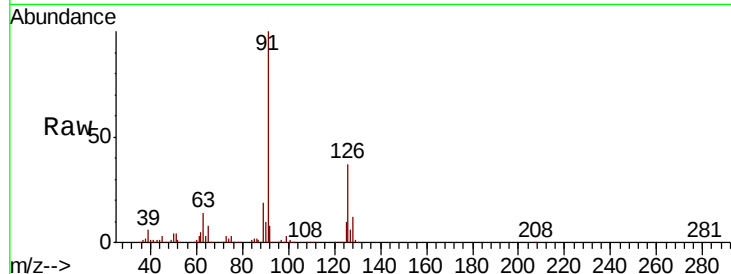




#79
2-Chlorotoluene
Concen: 50.831 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

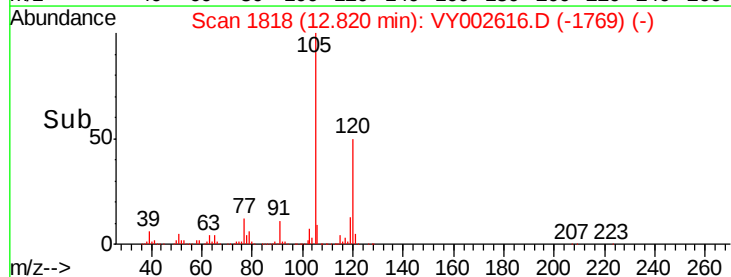
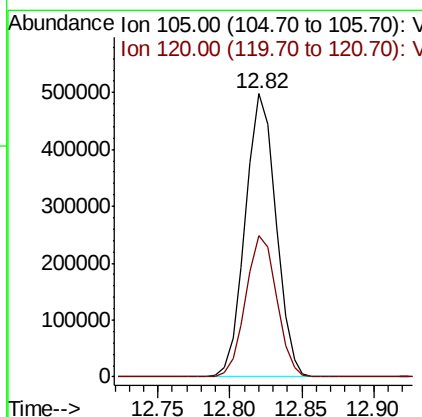
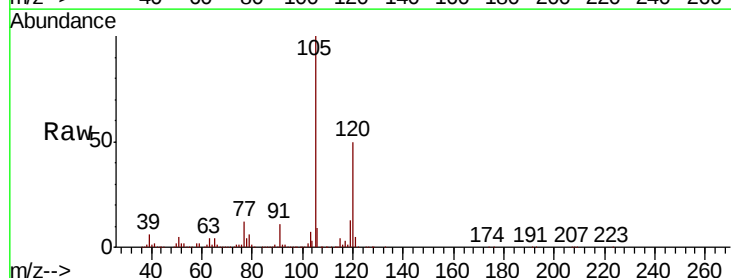
Instrument :
MSVOA_Y
ClientSampleId :

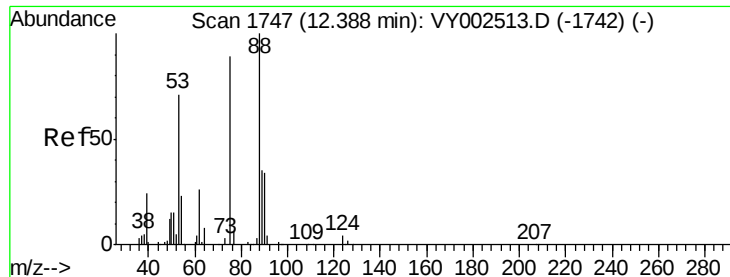
Tot Ion: 91 Resp: 558516
Ion Ratio Lower Upper
91 100
126 36.4 18.4 55.2



#80
1,3,5-Trimethylbenzene
Concen: 51.740 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY002616.D
Acq: 06 May 2020 16:17

Tgt Ion: 105 Resp: 733090
Ion Ratio Lower Upper
105 100
120 50.4 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.772 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

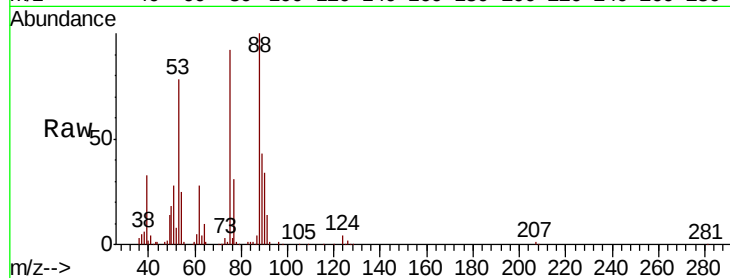
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 60514

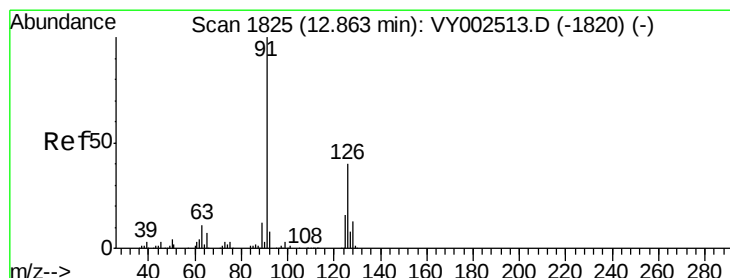
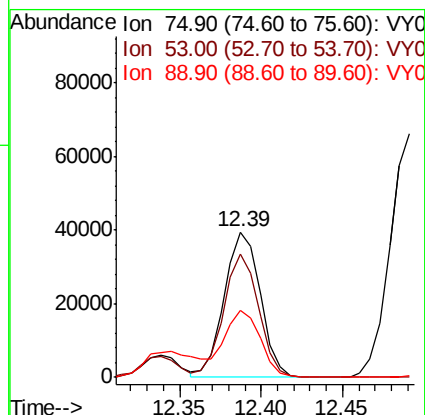
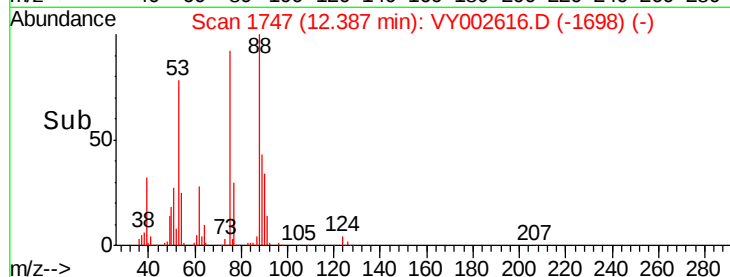
Ion	Ratio	Lower	Upper
75	100		
53	83.5	67.4	101.0
89	47.9	37.4	56.0



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: 50.363 ug/l

RT: 12.86 min Scan# 1825

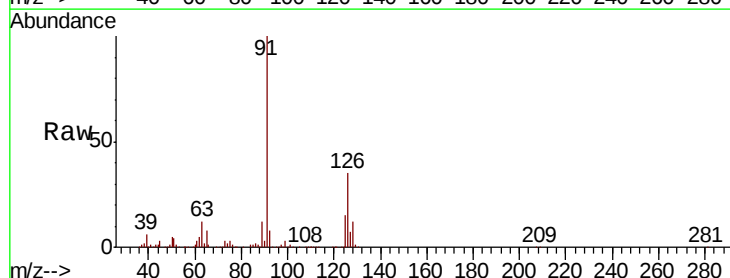
Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

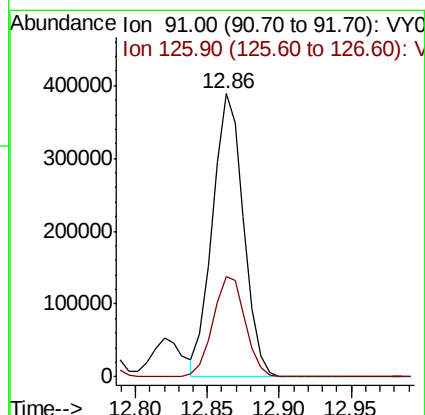
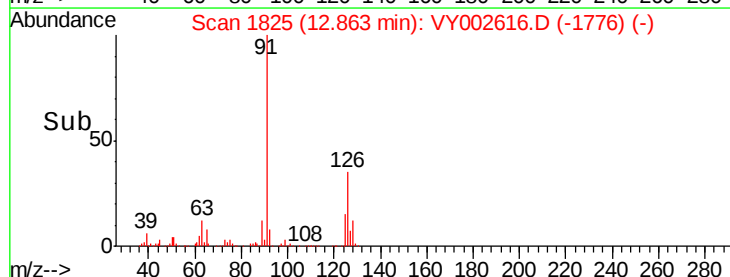
Tgt Ion: 91 Resp: 581288

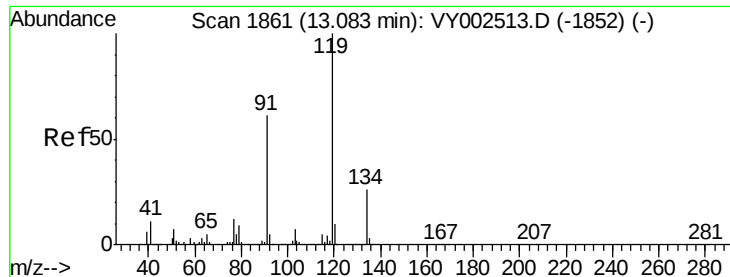
Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.5	55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.615 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampled :

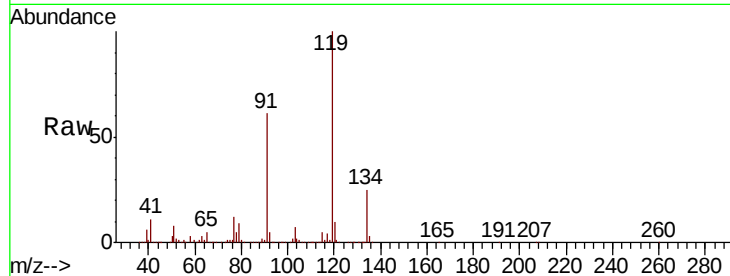
Tot Ion:119 Resp: 653672

Ion Ratio Lower Upper

119 100

91 60.3 30.6 91.6

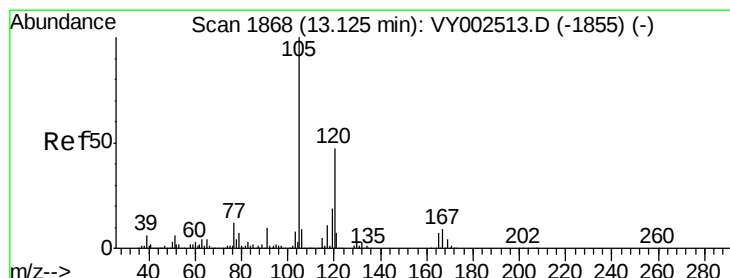
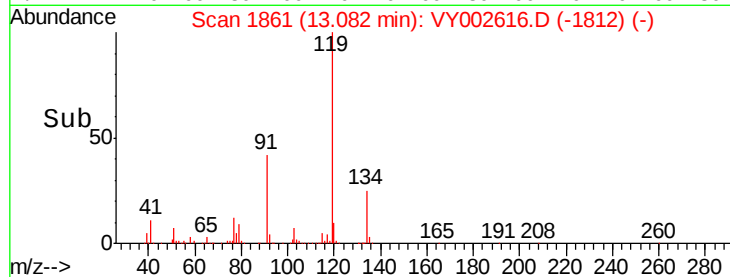
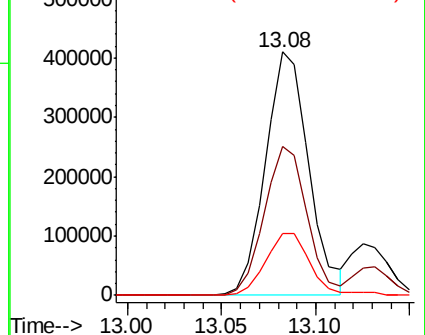
134 26.5 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.417 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002616.D

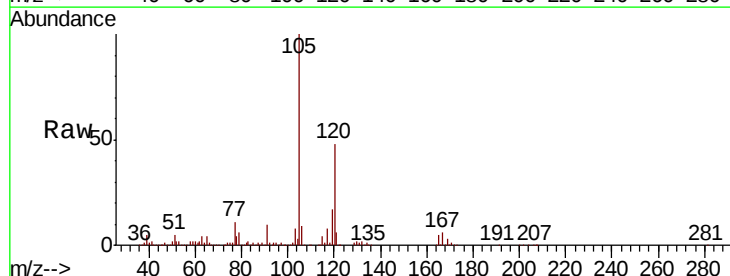
Acq: 06 May 2020 16:17

Tgt Ion:105 Resp: 726050

Ion Ratio Lower Upper

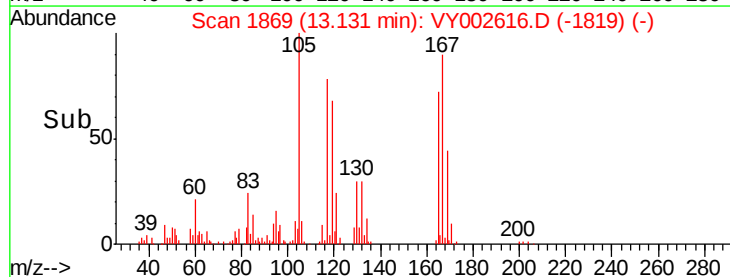
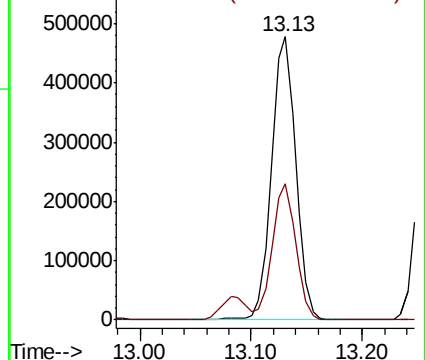
105 100

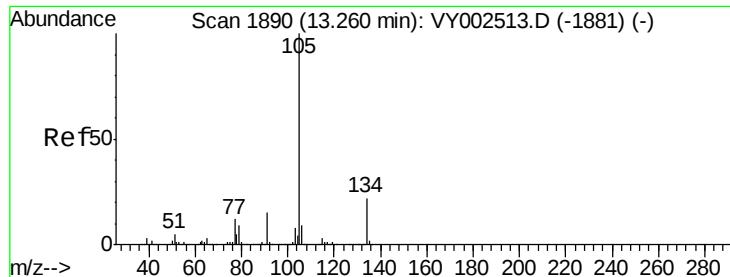
120 46.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.643 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

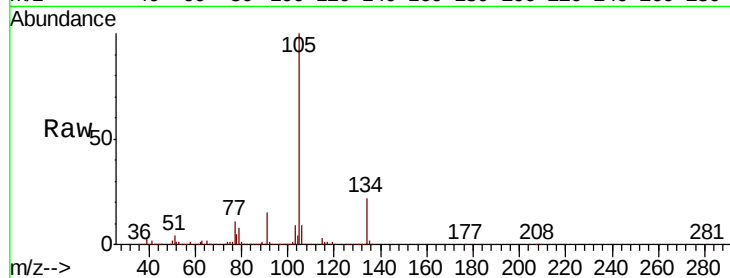
ClientSampleId :

Tot Ion:105 Resp: 890289

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

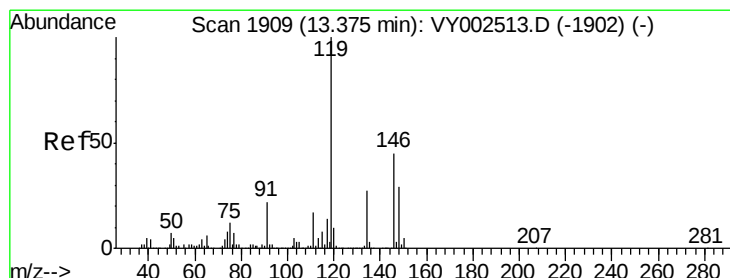
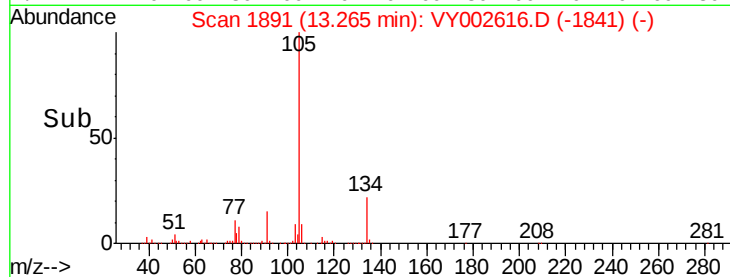
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.210 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

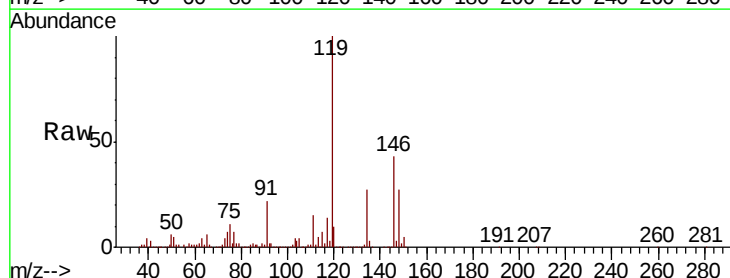
Tgt Ion:119 Resp: 827200

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 21.6 10.9 32.9



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

13.38

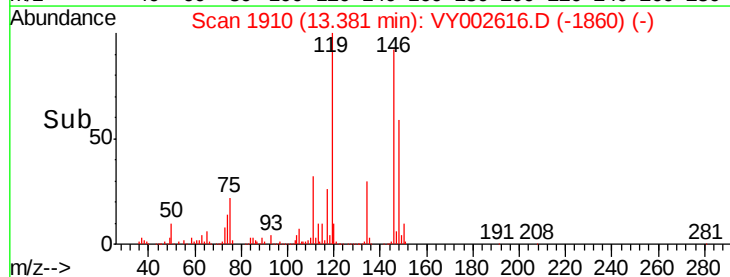
600000

400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.702 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampled :

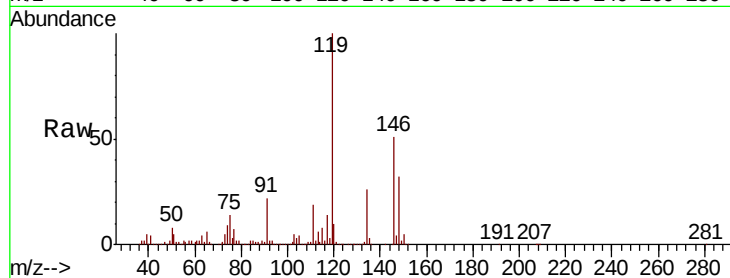
Tot Ion:146 Resp: 409805

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.3

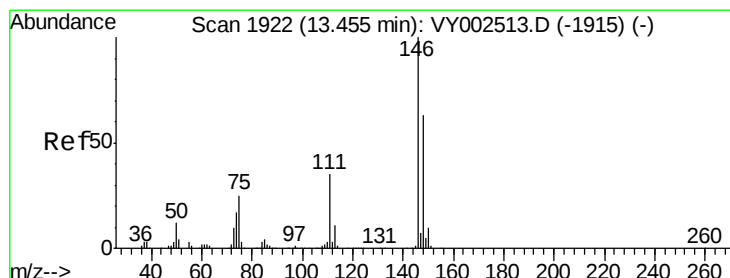
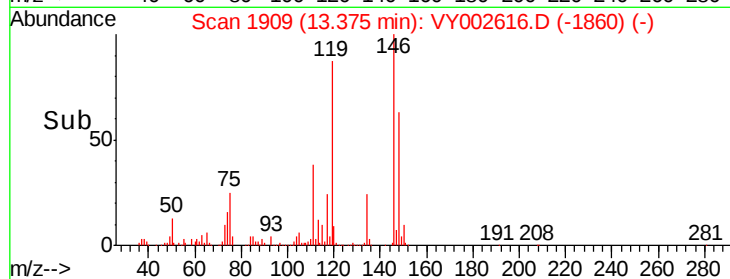
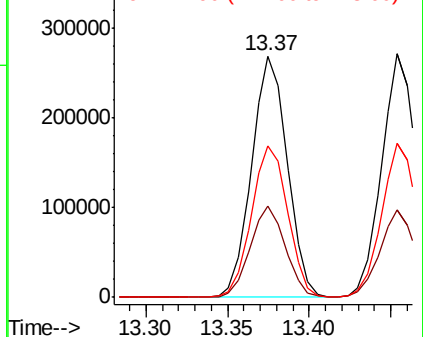
148 63.9 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 50.964 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

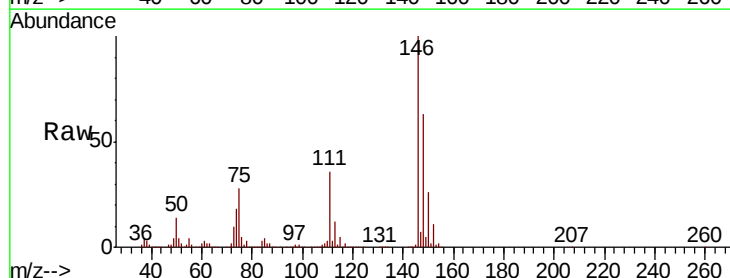
Tgt Ion:146 Resp: 407885

Ion Ratio Lower Upper

146 100

111 36.2 18.1 54.1

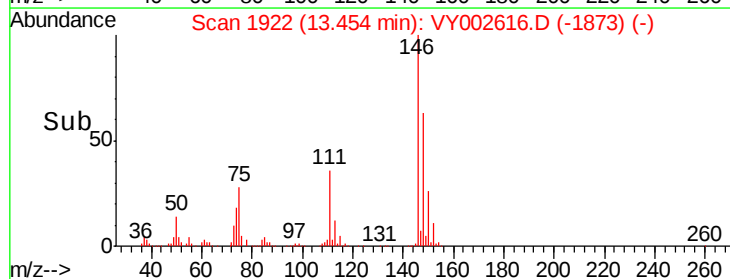
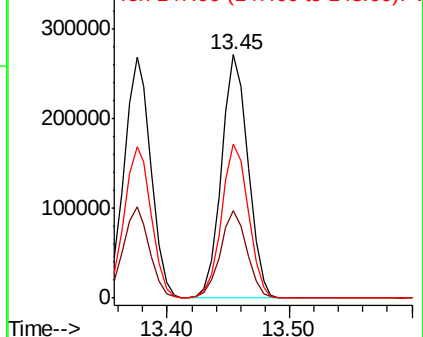
148 63.9 31.9 95.5

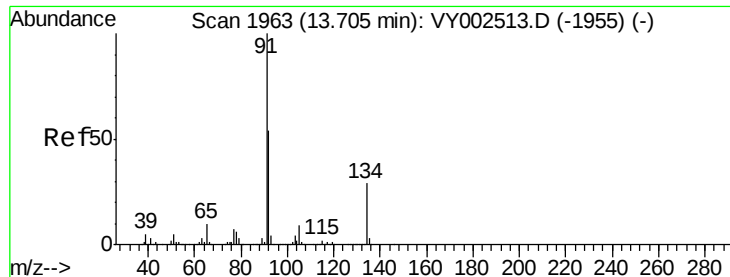


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.777 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

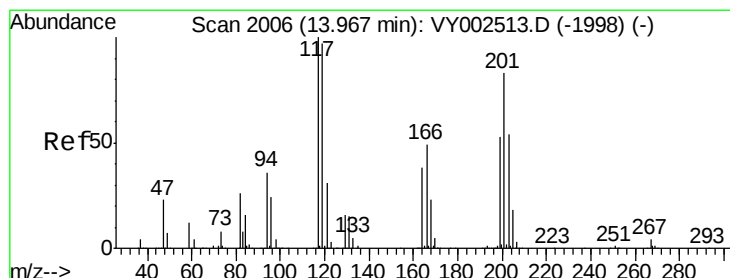
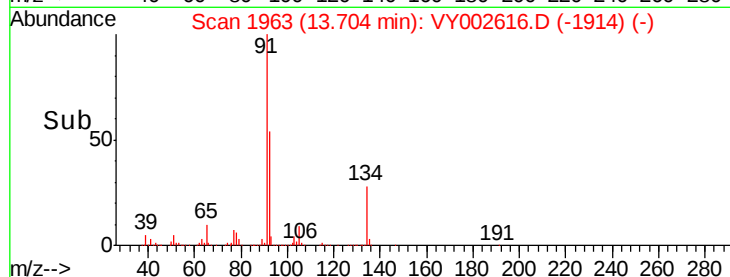
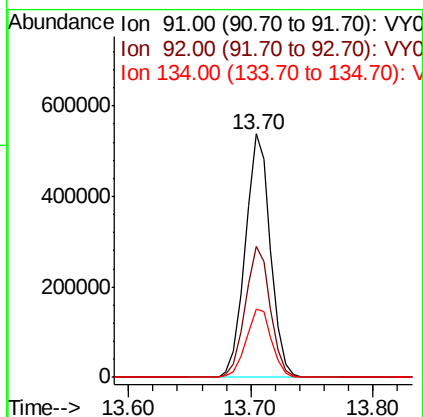
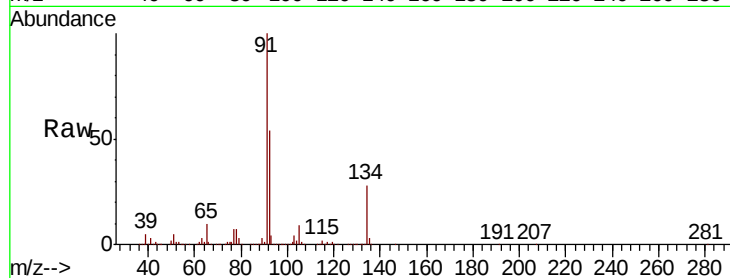
Tot Ion: 91 Resp: 761367

Ion Ratio Lower Upper

91 100

92 54.0 27.1 81.3

134 28.6 14.4 43.0



#90

Hexachloroethane

Concen: 52.220 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002616.D

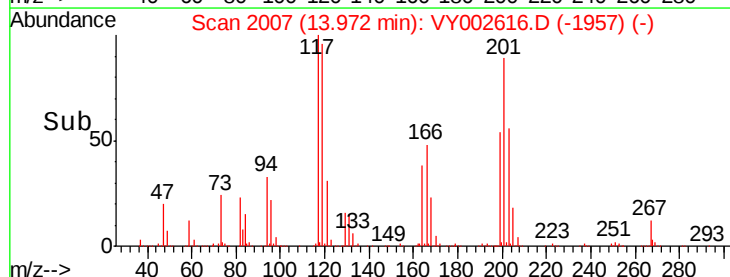
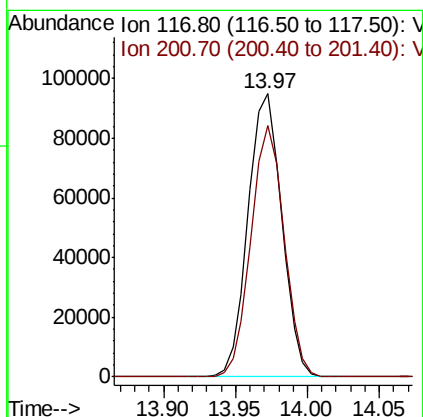
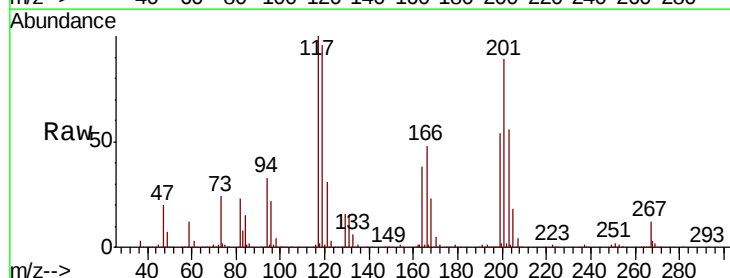
Acq: 06 May 2020 16:17

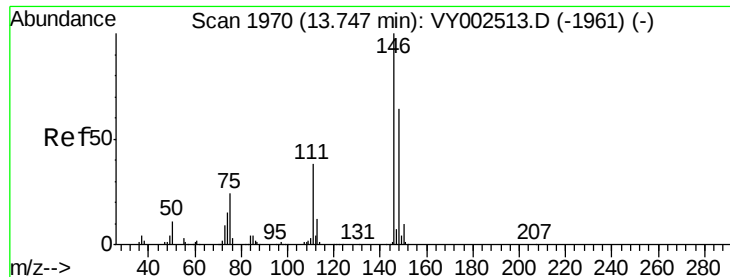
Tgt Ion: 117 Resp: 153612

Ion Ratio Lower Upper

117 100

201 87.1 44.4 133.2





#91

1,2-Dichlorobenzene

Concen: 50.833 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

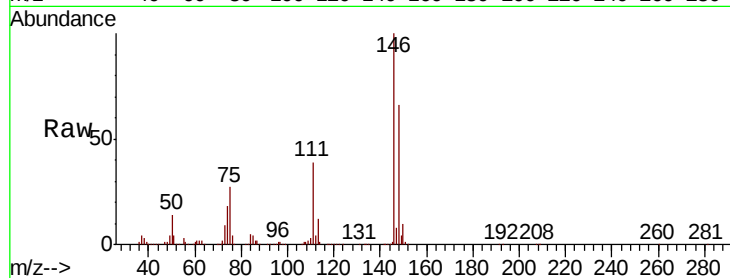
Tot Ion:146 Resp: 366617

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

148 64.3 31.9 95.7

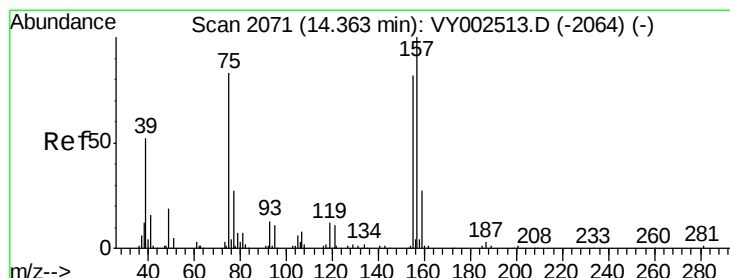
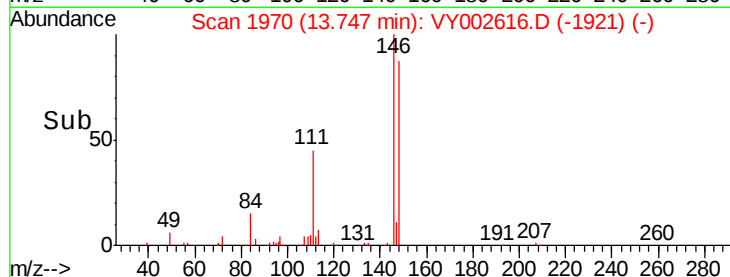
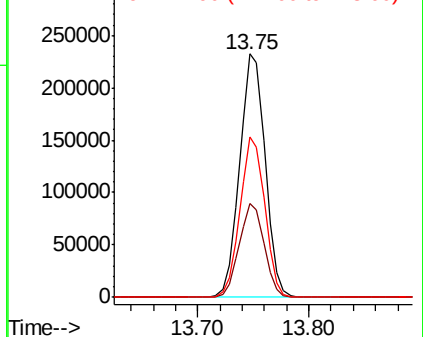


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.787 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

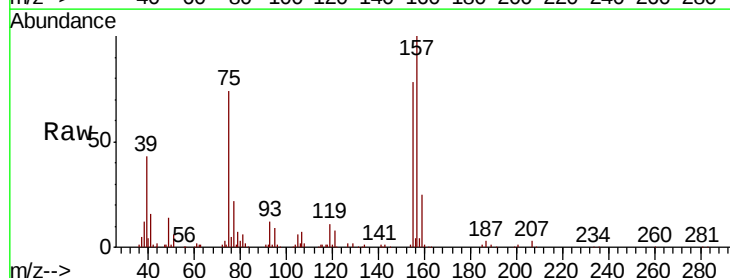
Tgt Ion: 75 Resp: 26242

Ion Ratio Lower Upper

75 100

155 101.7 51.3 153.9

157 131.2 65.0 195.0

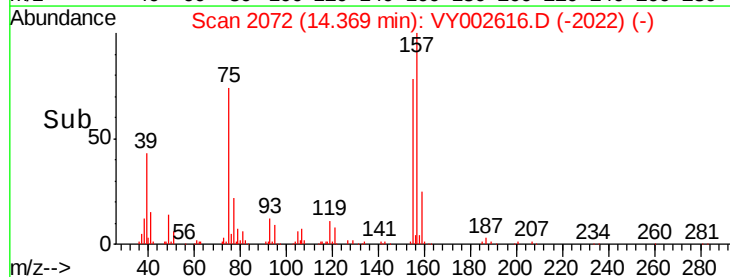
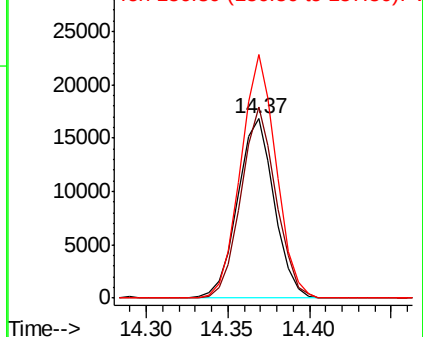


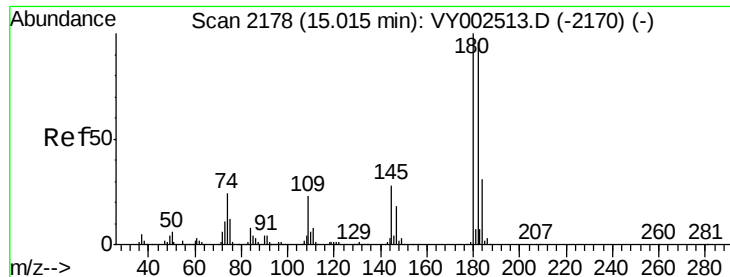
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

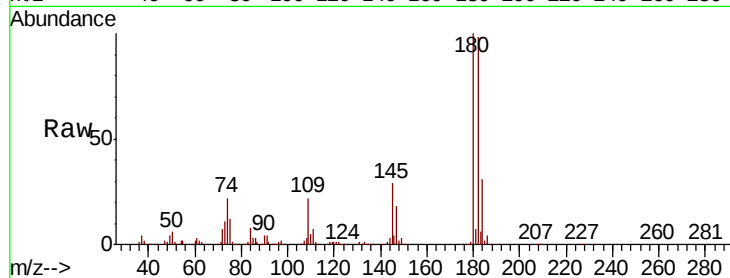




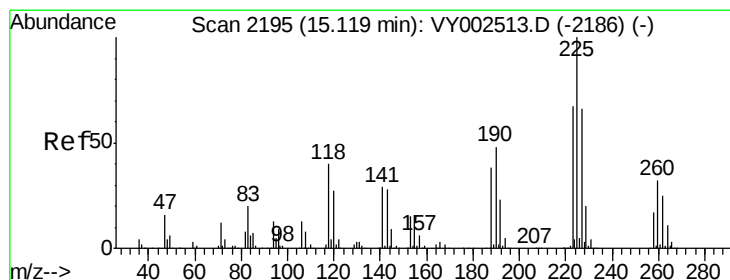
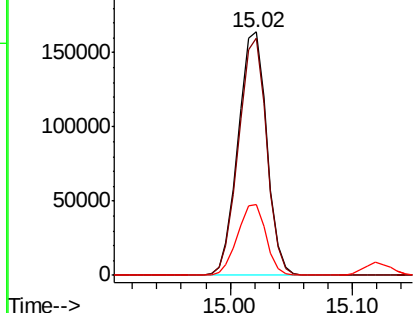
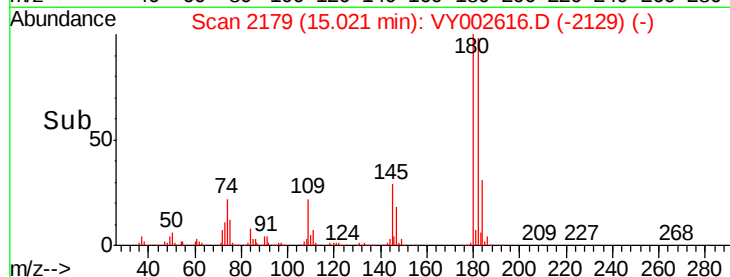
#93
 1,2,4-Trichlorobenzene
 Concen: 50.812 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.6
145	29.1	14.4	43.0

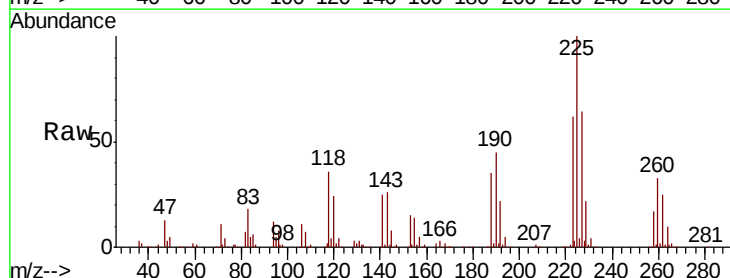


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

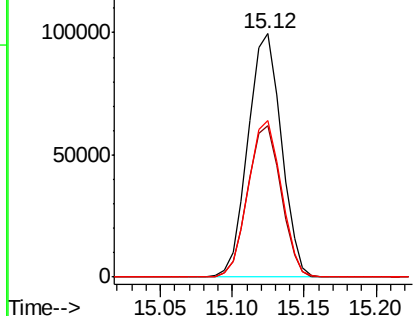
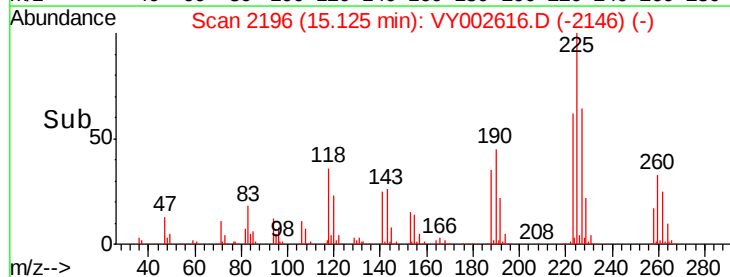


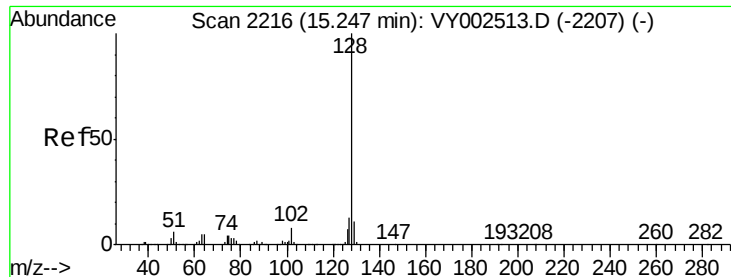
#94
 Hexachlorobutadiene
 Concen: 50.821 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002616.D
 Acq: 06 May 2020 16:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.1	96.5
227	64.0	32.0	96.2



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





#95

Naphthalene

Concen: 53.073 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

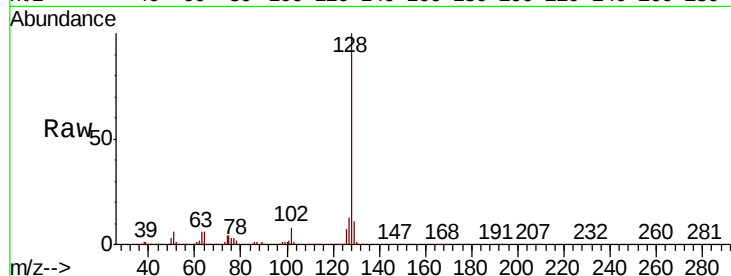
Tot Ion:128 Resp: 506960

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

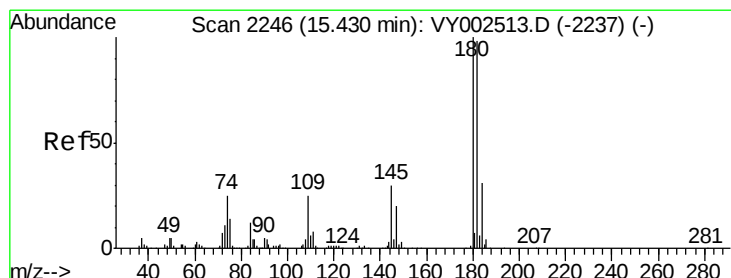
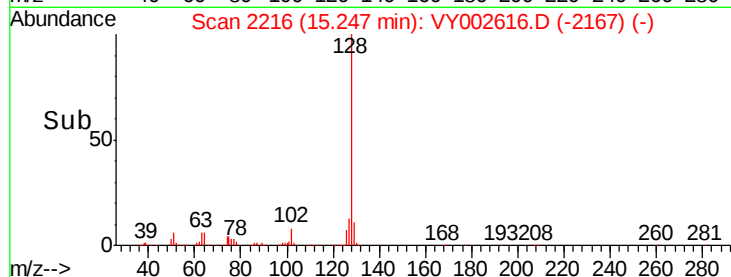
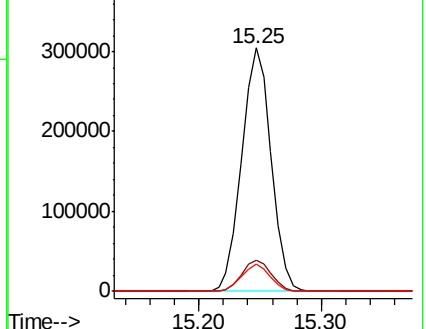
129 10.8 8.8 13.2



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: 51.267 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002616.D

Acq: 06 May 2020 16:17

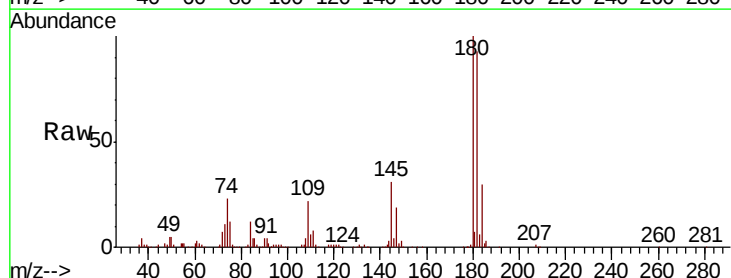
Tgt Ion:180 Resp: 227886

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 30.7 15.0 45.1



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

