

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002454.D
 Acq On : 23 Apr 2020 10:52
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 12:52:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	286274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	420243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	388014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	206911	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	13035	5.20	ug/l	0.00
Spiked Amount			Recovery	=	10.40%	
35) Dibromofluoromethane	7.75	113	12445	5.23	ug/l	0.00
Spiked Amount			Recovery	=	10.46%	
50) Toluene-d8	10.20	98	49697	5.19	ug/l	0.00
Spiked Amount			Recovery	=	10.38%	
62) 4-Bromofluorobenzene	12.49	95	17521	5.46	ug/l	0.00
Spiked Amount			Recovery	=	10.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	11195	5.288	ug/l	97
3) Chloromethane	2.13	50	14416	5.329	ug/l	98
4) Vinyl Chloride	2.27	62	10993	5.818	ug/l	96
5) Bromomethane	2.68	94	5963	5.845	ug/l	99
6) Chloroethane	2.82	64	6779	6.832	ug/l	89
7) Trichlorofluoromethane	3.16	101	15495	4.522	ug/l	97
8) Diethyl Ether	3.56	74	7773	5.545	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.94	101	12990	5.487	ug/l	98
10) Methyl Iodide	4.13	142	18485	5.039	ug/l	98
11) Tert butyl alcohol	5.00	59	6630	28.436	ug/l #	72
12) 1,1-Dichloroethene	3.91	96	13485	5.567	ug/l	97
13) Acrolein	3.77	56	4693	26.147	ug/l	90
14) Allyl chloride	4.52	41	18913	5.247	ug/l	96
15) Acrylonitrile	5.21	53	17376	25.673	ug/l	99
16) Acetone	3.99	43	13513	26.840	ug/l	99
17) Carbon Disulfide	4.24	76	40265	5.276	ug/l	99
18) Methyl Acetate	4.52	43	9420	5.623	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	33517	5.115	ug/l #	91
20) Methylene Chloride	4.76	84	17463	5.677	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	14411	5.197	ug/l	96
22) Diisopropyl ether	6.16	45	36806	5.139	ug/l	95
23) Vinyl Acetate	6.11	43	110784	24.663	ug/l	97
24) 1,1-Dichloroethane	6.07	63	22425	5.165	ug/l	96
25) 2-Butanone	7.03	43	20115	25.567	ug/l	95
26) 2,2-Dichloropropane	7.02	77	20998	5.083	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	15607	5.177	ug/l	97
28) Bromochloromethane	7.38	49	8712	5.104	ug/l	98
29) Tetrahydrofuran	7.38	42	13330	25.442	ug/l	98
30) Chloroform	7.55	83	24297	5.266	ug/l	91
31) Cyclohexane	7.82	56	25482	5.794	ug/l #	84
32) 1,1,1-Trichloroethane	7.74	97	22794	5.263	ug/l	98
36) 1,1-Dichloropropene	7.95	75	18869	5.232	ug/l	99
37) Ethyl Acetate	7.11	43	9774	5.495	ug/l	100
38) Carbon Tetrachloride	7.93	117	21492	5.213	ug/l	94

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 Data File : VY002454.D
 Acq On : 23 Apr 2020 10:52
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 12:52:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.21	83	25140	5.364	ug/l	100
40) Benzene	8.19	78	54640	5.250	ug/l	98
41) Methacrylonitrile	7.38	41	12823	5.988	ug/l #	26
42) 1,2-Dichloroethane	8.27	62	16031	5.321	ug/l	99
43) Isopropyl Acetate	8.30	43	16919	5.098	ug/l	98
44) Trichloroethene	8.97	130	17376	5.326	ug/l	89
45) 1,2-Dichloropropane	9.24	63	12450	5.184	ug/l	99
46) Dibromomethane	9.33	93	7036	5.048	ug/l	95
47) Bromodichloromethane	9.52	83	17542	5.021	ug/l	95
48) Methyl methacrylate	9.31	41	7703	5.094	ug/l	95
49) 1,4-Dioxane	9.31	88	1843	105.112	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	44153	25.670	ug/l	100
52) Toluene	10.27	92	34793	5.214	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	18400	5.064	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	21317	5.086	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	10733	5.200	ug/l	94
56) Ethyl methacrylate	10.53	69	14277	5.116	ug/l	100
57) 1,3-Dichloropropane	10.81	76	17961	5.158	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	35918	26.350	ug/l	99
59) 2-Hexanone	10.85	43	30388	25.535	ug/l	99
60) Dibromochloromethane	11.00	129	13971	5.194	ug/l	100
61) 1,2-Dibromoethane	11.11	107	10685	5.232	ug/l	99
64) Tetrachloroethene	10.74	164	18628	5.221	ug/l	97
65) Chlorobenzene	11.53	112	38606	5.164	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	13898	4.983	ug/l	95
67) Ethyl Benzene	11.61	91	67540	5.092	ug/l	99
68) m/p-Xylenes	11.72	106	53254	10.423	ug/l	96
69) o-Xylene	12.04	106	24659	5.153	ug/l	100
70) Styrene	12.06	104	43026	5.182	ug/l	98
71) Bromoform	12.22	173	8894	5.094	ug/l #	98
73) Isopropylbenzene	12.34	105	67184	5.009	ug/l	98
74) N-amyl acetate	12.16	43	15529	4.966	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	10700	5.235	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	16305	5.707	ug/l #	100
77) Bromobenzene	12.62	156	17204	5.112	ug/l	98
78) n-propylbenzene	12.68	91	79195	5.072	ug/l	99
79) 2-Chlorotoluene	12.77	91	44133	5.180	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	58708	5.140	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	4680	5.147	ug/l	93
82) 4-Chlorotoluene	12.86	91	46686	5.194	ug/l	98
83) tert-Butylbenzene	13.08	119	51071	5.079	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	57138	5.019	ug/l	100
85) sec-Butylbenzene	13.27	105	70205	5.113	ug/l	100
86) p-Isopropyltoluene	13.38	119	66280	5.100	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	33001	5.136	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	32731	5.144	ug/l	93
89) n-Butylbenzene	13.70	91	61299	5.157	ug/l	100
90) Hexachloroethane	13.97	117	12104	5.212	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	29175	5.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	2242	5.533	ug/l	89

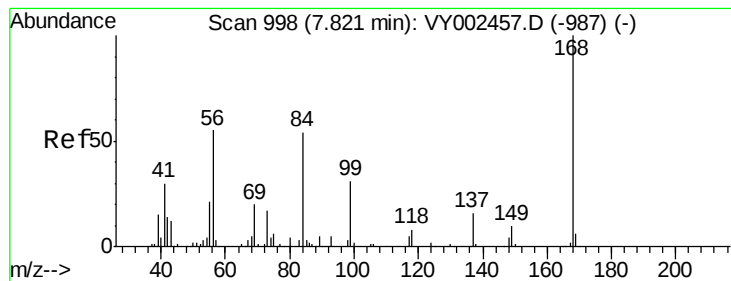
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
Data File : VY002454.D
Acq On : 23 Apr 2020 10:52
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 23 12:52:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 12:46:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	21658	5.086	ug/l	98
94) Hexachlorobutadiene	15.12	225	12921	4.991	ug/l	97
95) Naphthalene	15.25	128	38758	5.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	17864	4.979	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

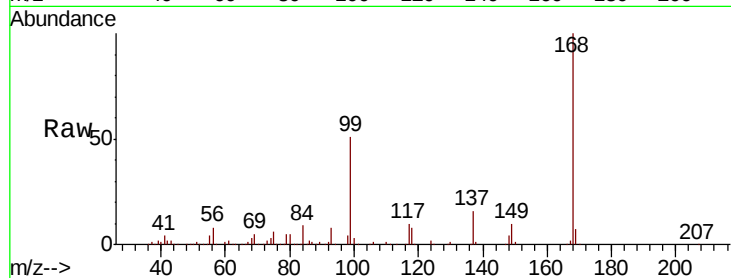
ClientSampleId :

Tot Ion:168 Resp: 286274

Ion Ratio Lower Upper

168 100

99 51.0 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.82

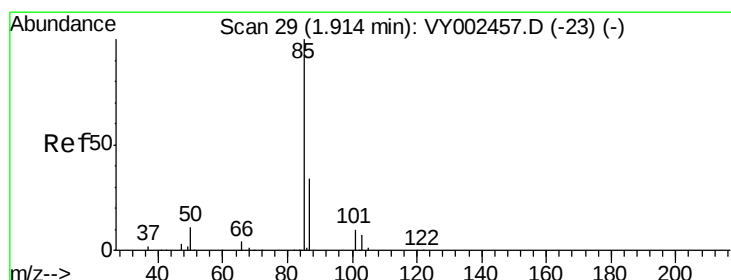
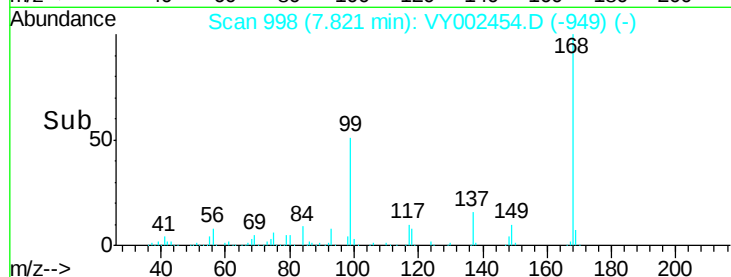
150000

100000

50000

0

Time--> 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 5.288 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002454.D

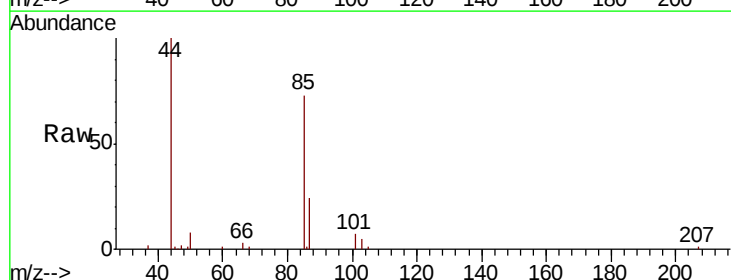
Acq: 23 Apr 2020 10:52

Tgt Ion: 85 Resp: 11195

Ion Ratio Lower Upper

85 100

87 32.4 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)

1.92

8000

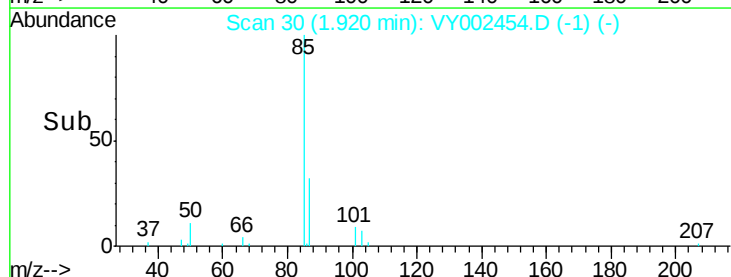
6000

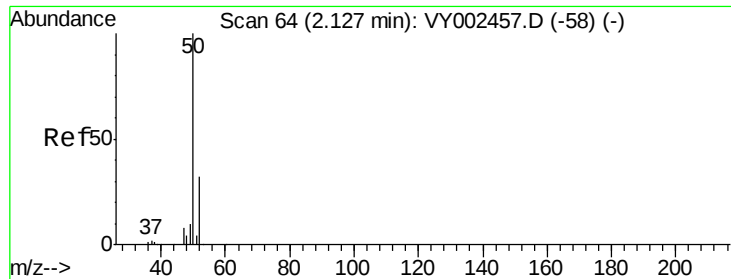
4000

2000

0

Time--> 1.85 1.90 1.95 2.00





#3

Chloromethane

Concen: 5.329 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

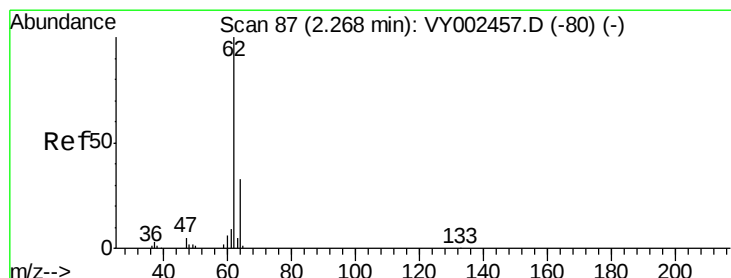
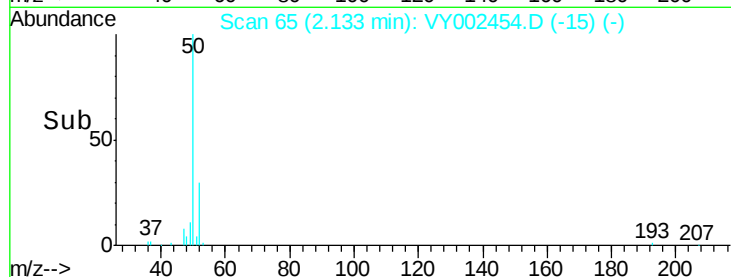
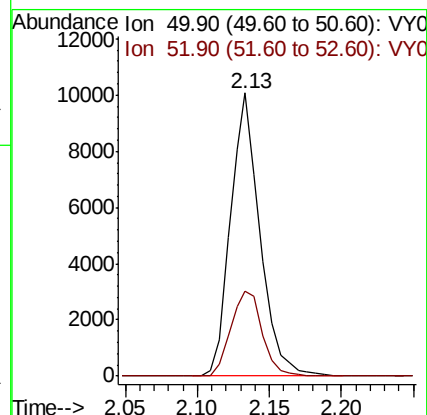
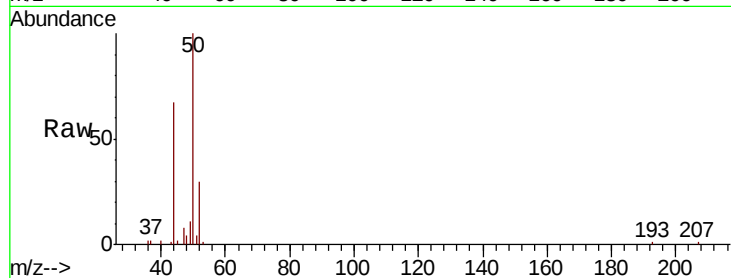
ClientSampleId :

Tot Ion: 50 Resp: 14416

Ion Ratio Lower Upper

50 100

52 30.2 25.2 37.8



#4

Vinyl Chloride

Concen: 5.818 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY002454.D

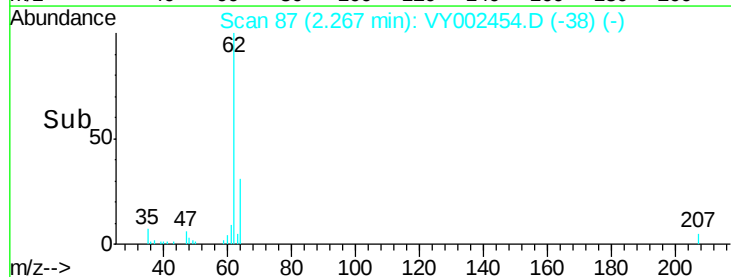
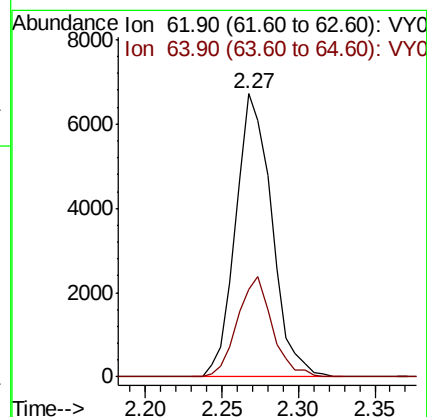
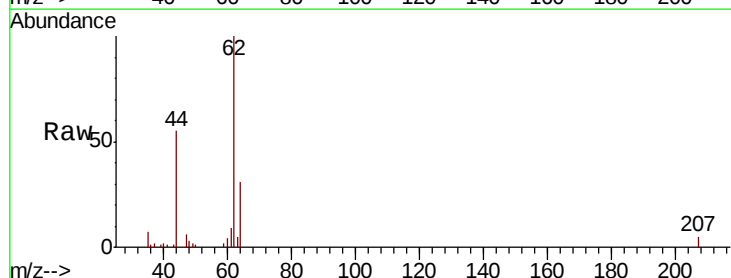
Acq: 23 Apr 2020 10:52

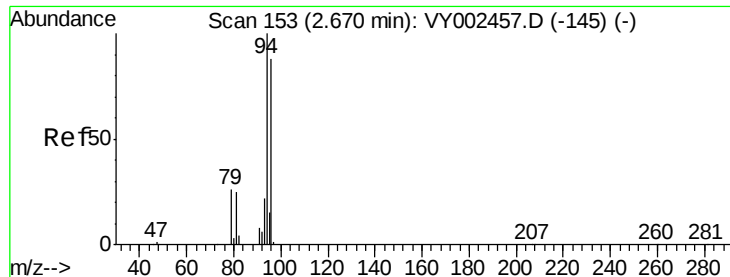
Tgt Ion: 62 Resp: 10993

Ion Ratio Lower Upper

62 100

64 31.0 26.6 39.8





#5

Bromomethane

Concen: 5.845 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

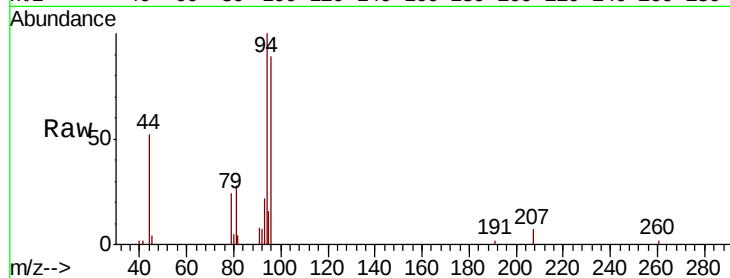
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 5963

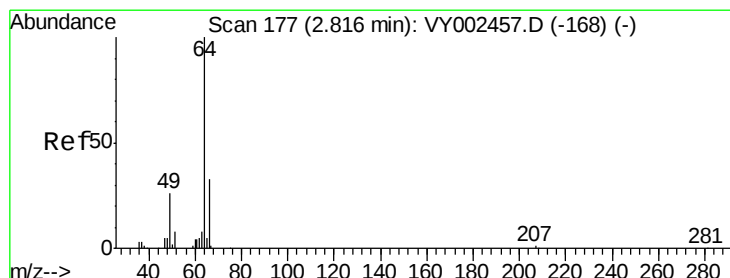
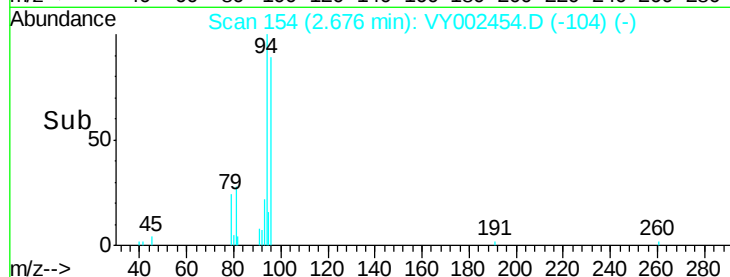
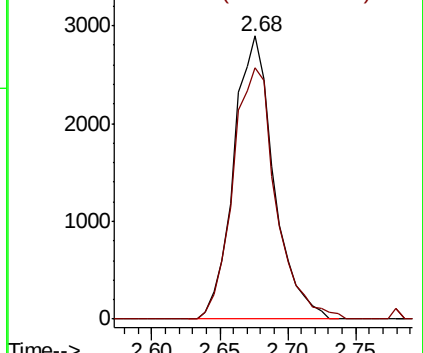
Ion Ratio Lower Upper

94 100

96 88.7 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 6.832 ug/l

RT: 2.82 min Scan# 178

Delta R.T. 0.01 min

Lab File: VY002454.D

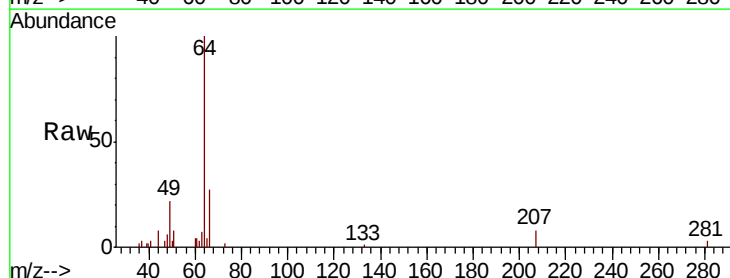
Acq: 23 Apr 2020 10:52

Tgt Ion: 64 Resp: 6779

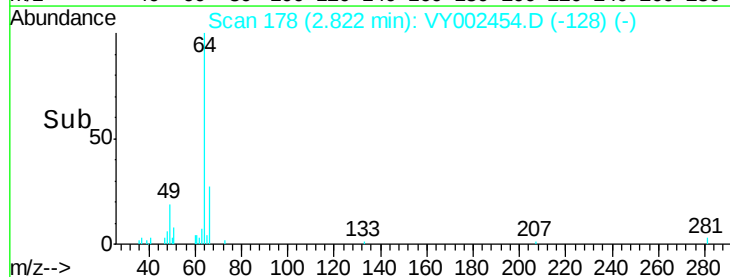
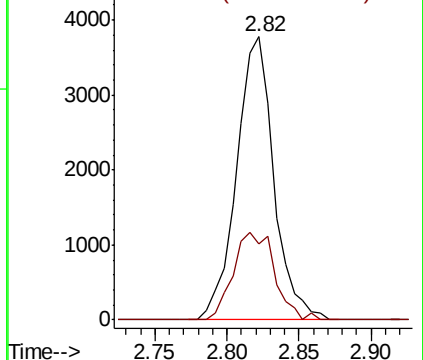
Ion Ratio Lower Upper

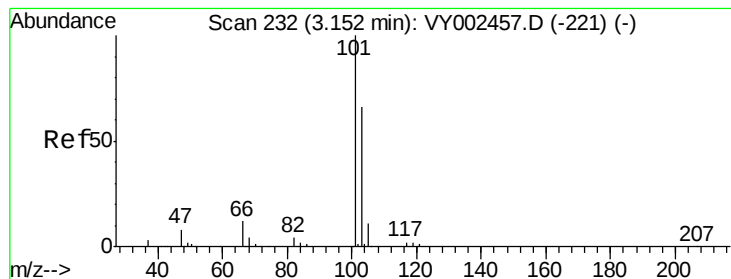
64 100

66 26.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



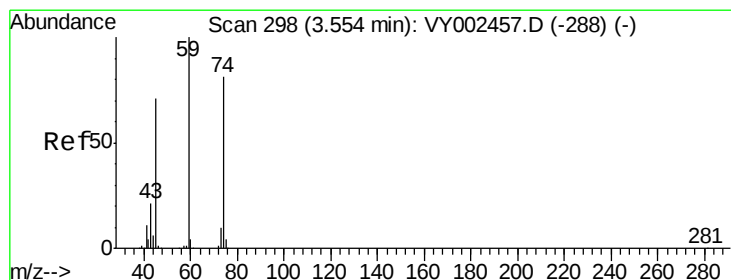
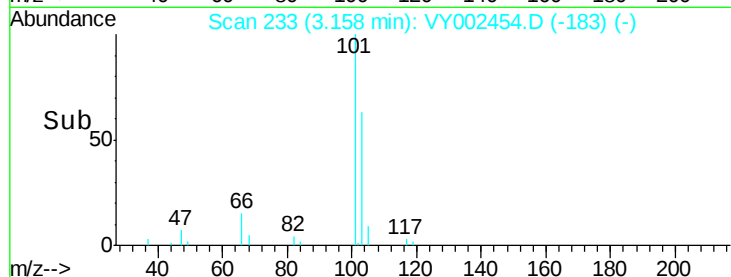
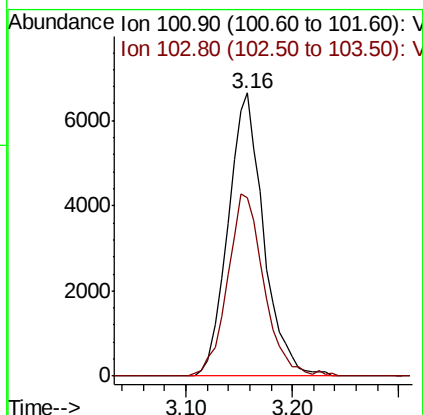
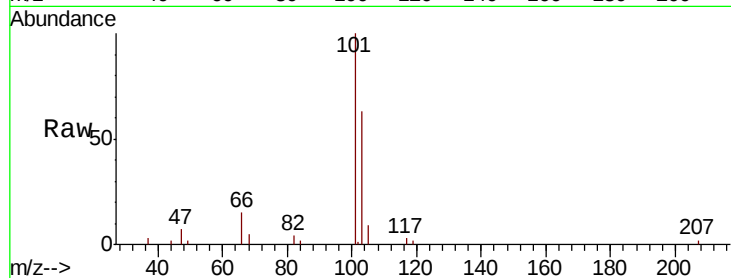


#7

Trichlorofluoromethane
 Concen: 4.522 ug/l
 RT: 3.16 min Scan# 233
 Delta R.T. 0.01 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

Instrument :
 MSVOA_Y
 ClientSampleId :

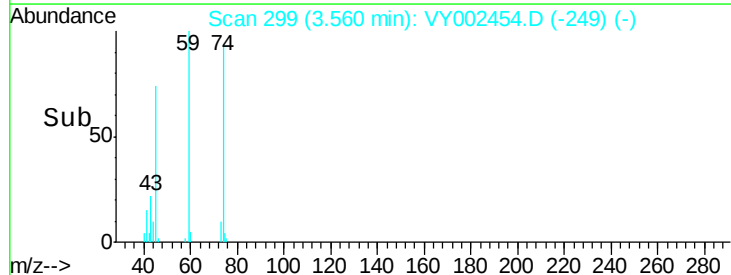
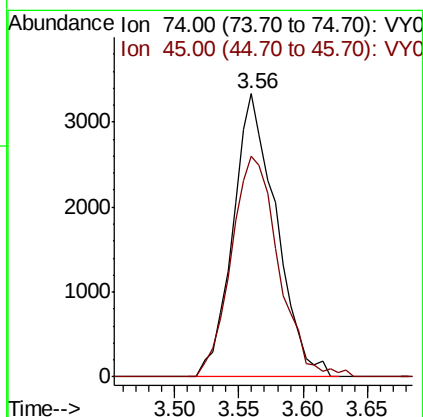
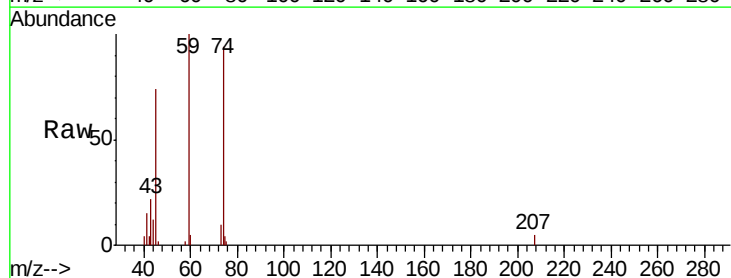
Tot Ion:101 Resp: 15495
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.5 78.7

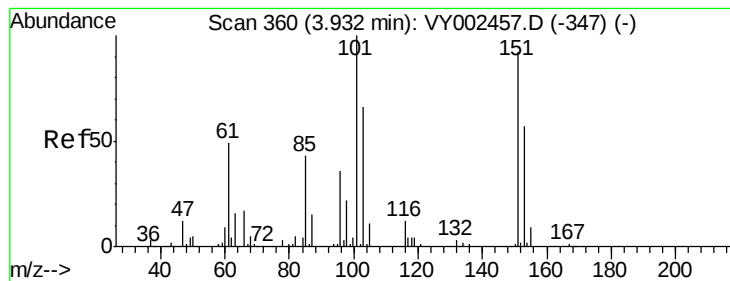


#8

Diethyl Ether
 Concen: 5.545 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

Tgt Ion: 74 Resp: 7773
 Ion Ratio Lower Upper
 74 100
 45 85.3 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.487 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

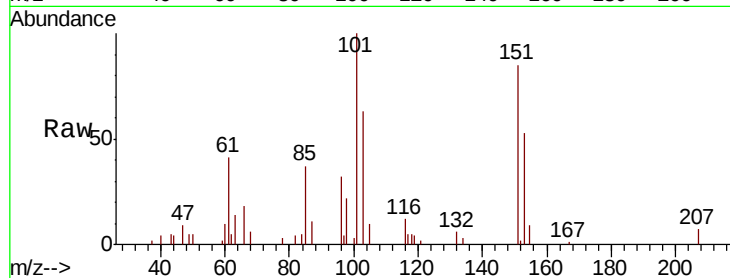
Tot Ion:101 Resp: 12990

Ion Ratio Lower Upper

101 100

85 43.7 34.1 51.1

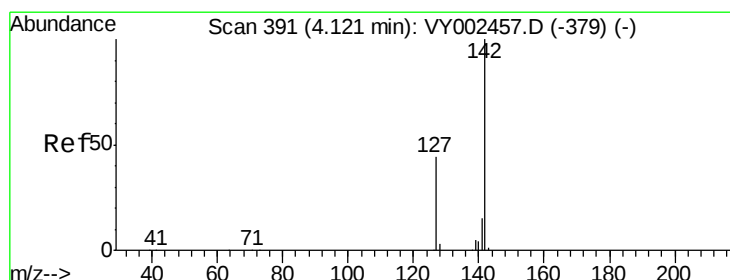
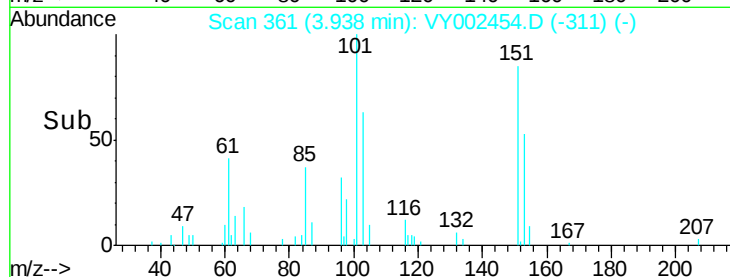
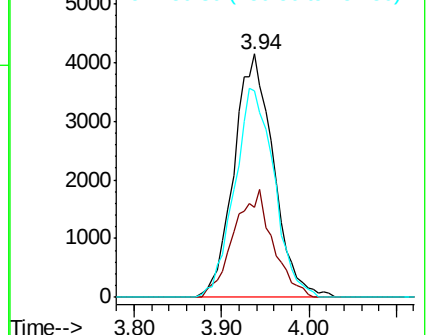
151 86.1 70.3 105.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.039 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

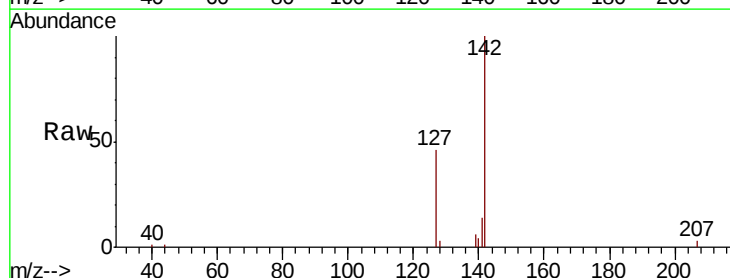
Tgt Ion:142 Resp: 18485

Ion Ratio Lower Upper

142 100

127 43.6 35.8 53.8

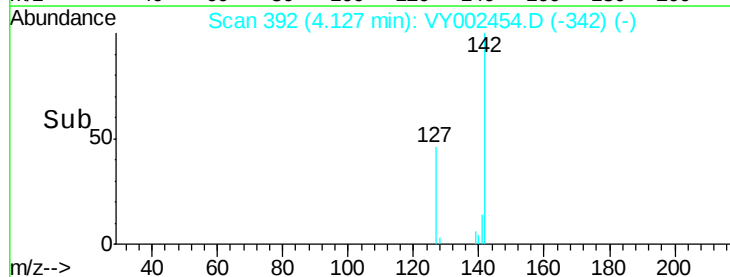
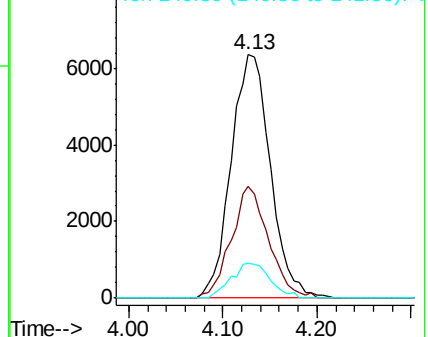
141 14.1 11.6 17.4

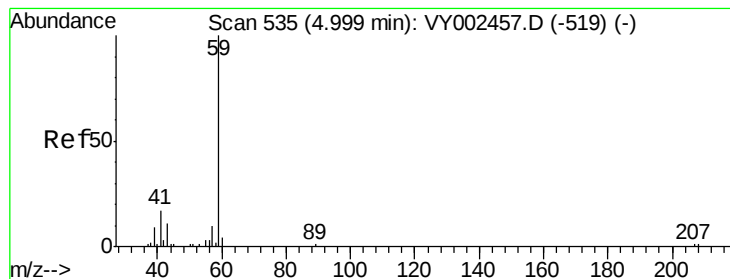


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 28.436 ug/l

RT: 5.00 min Scan# 536

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

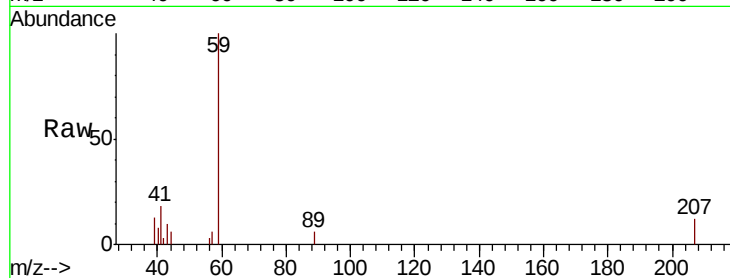
ClientSampleId :

Tot Ion: 59 Resp: 6630

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

5.00

2000

1500

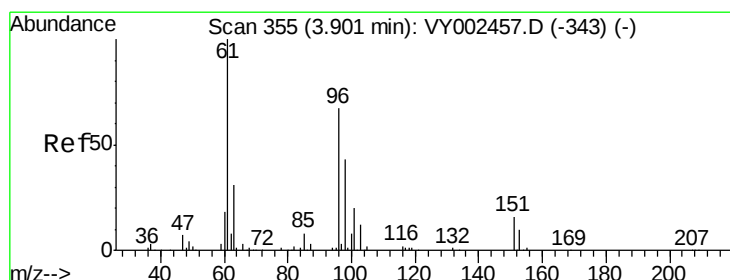
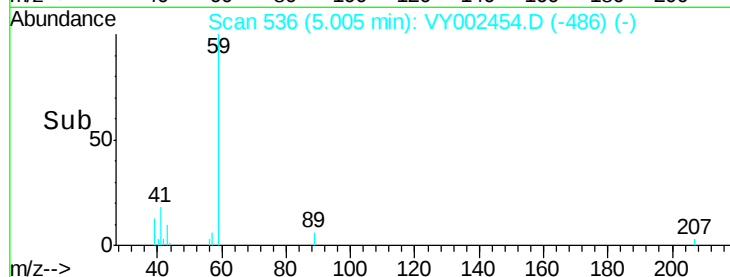
1000

500

0

Time-->

4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 5.567 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

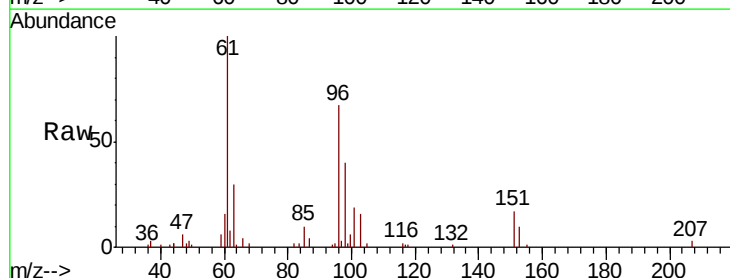
Tgt Ion: 96 Resp: 13485

Ion Ratio Lower Upper

96 100

61 150.3 119.0 178.6

98 59.9 51.4 77.2



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

3.91

10000

8000

6000

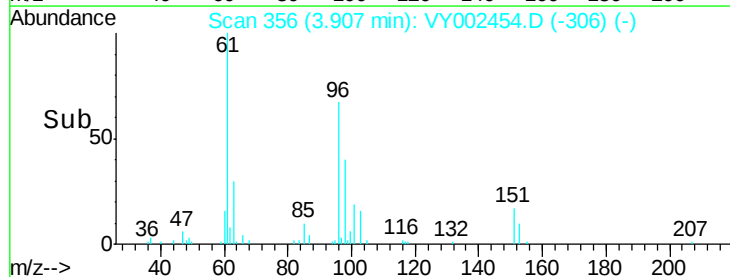
4000

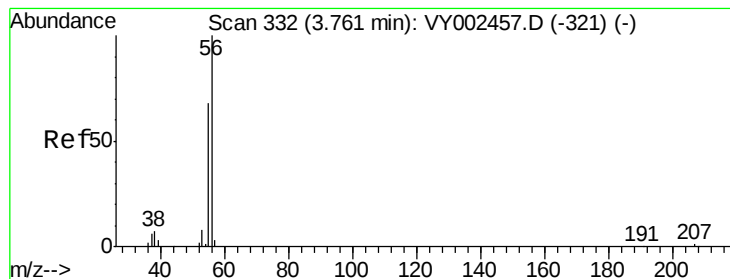
2000

0

Time-->

3.80 3.90 4.00





#13

Acrolein

Concen: 26.147 ug/l

RT: 3.77 min Scan# 334

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

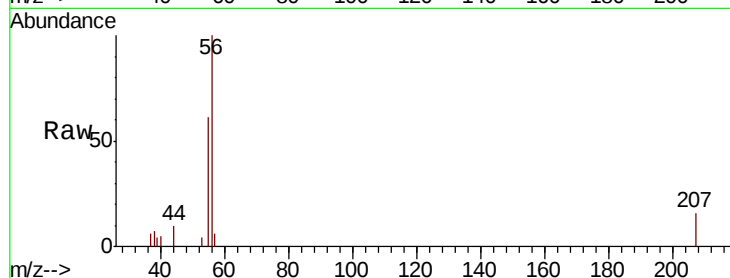
ClientSampleId :

Tot Ion: 56 Resp: 4693

Ion Ratio Lower Upper

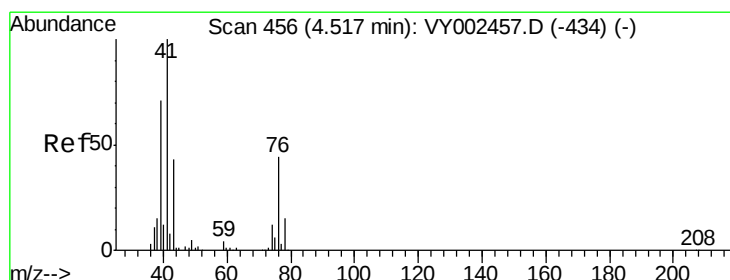
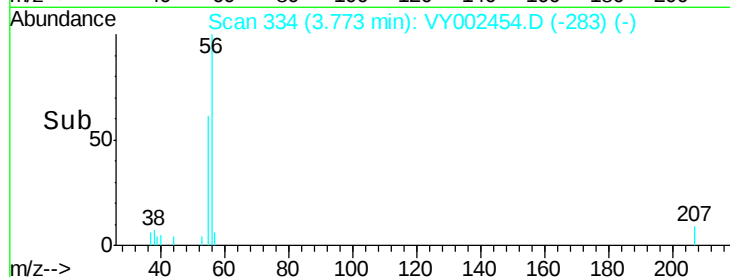
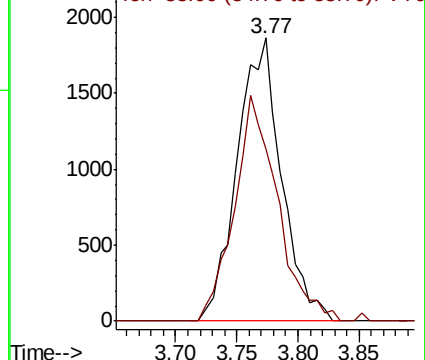
56 100

55 77.6 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 5.247 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

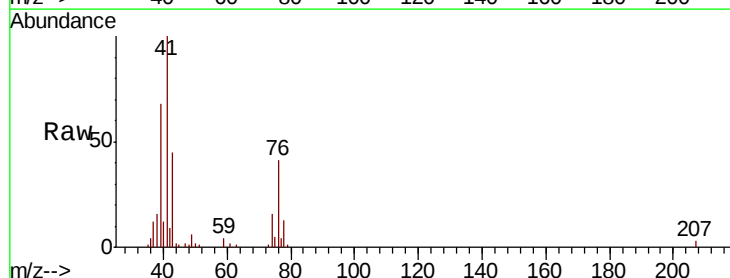
Tgt Ion: 41 Resp: 18913

Ion Ratio Lower Upper

41 100

39 67.5 55.1 82.7

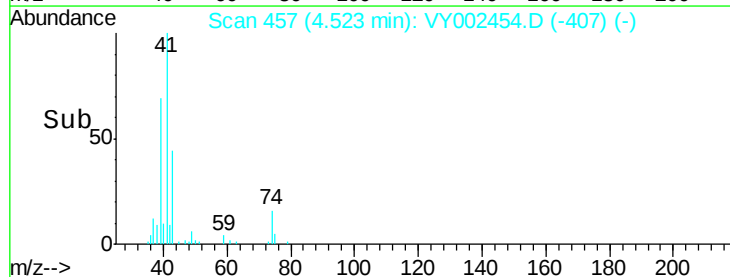
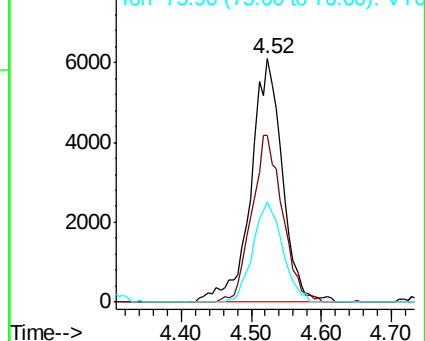
76 38.8 34.3 51.5

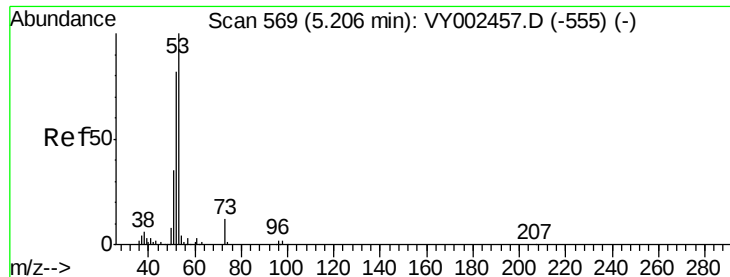


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 25.673 ug/l

RT: 5.21 min Scan# 569

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

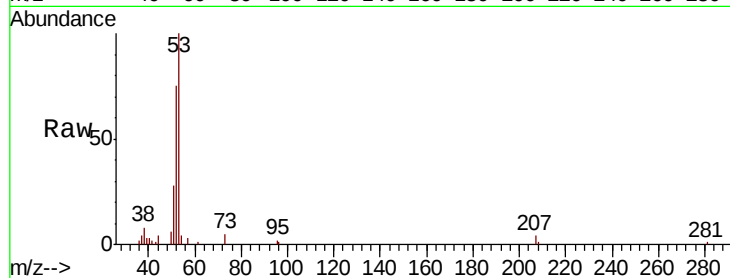
Tot Ion: 53 Resp: 17376

Ion Ratio Lower Upper

53 100

52 81.4 65.4 98.2

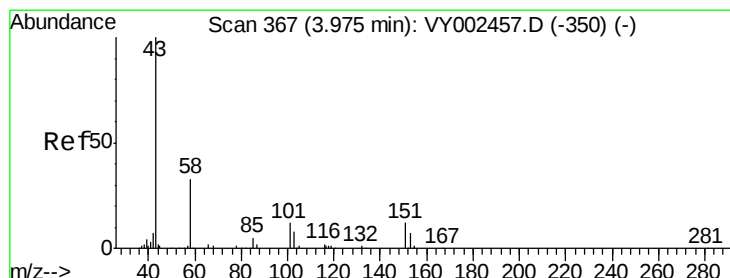
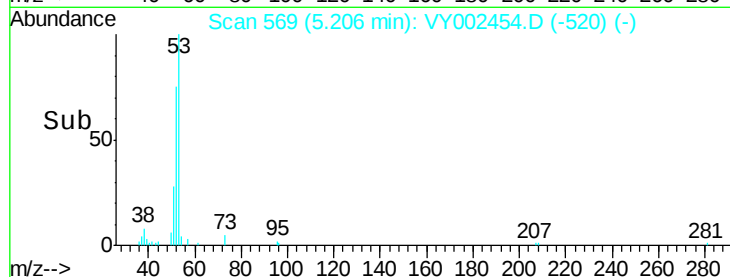
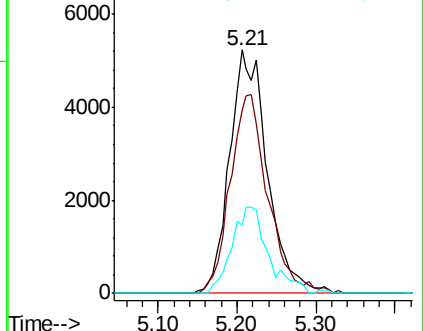
51 34.0 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 26.840 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY002454.D

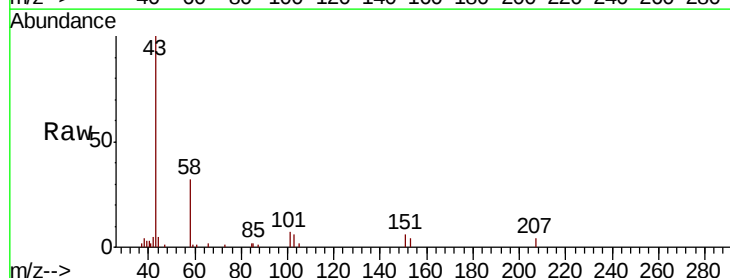
Acq: 23 Apr 2020 10:52

Tgt Ion: 43 Resp: 13513

Ion Ratio Lower Upper

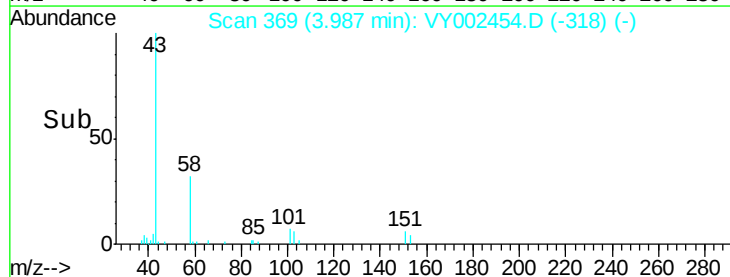
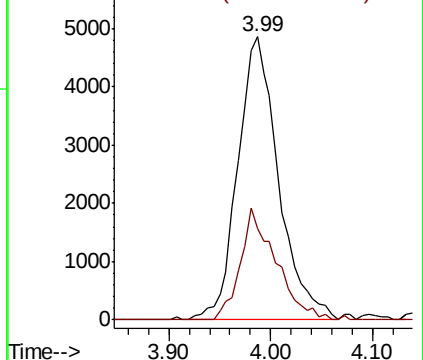
43 100

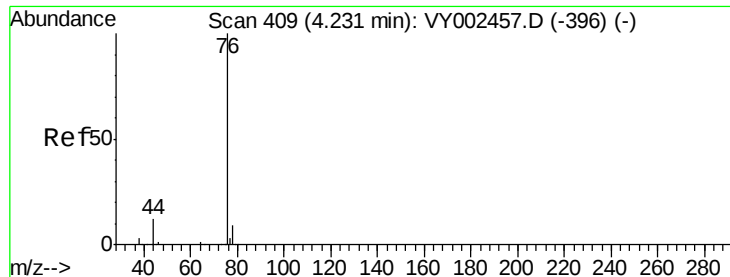
58 32.5 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

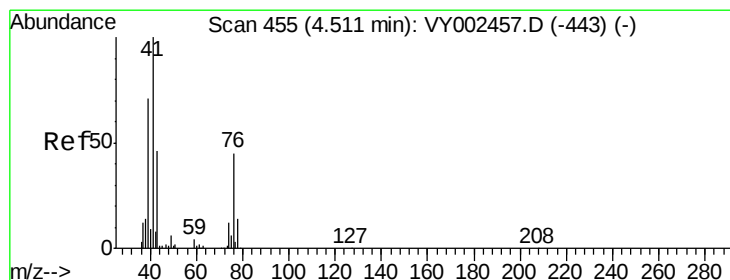
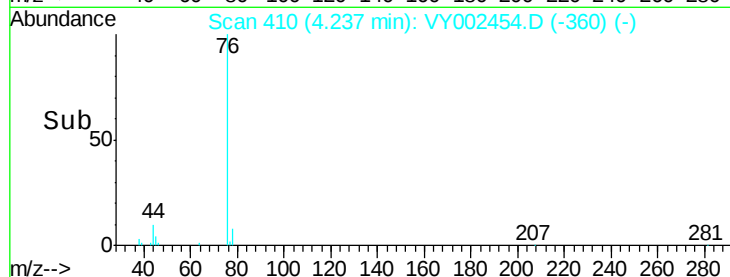
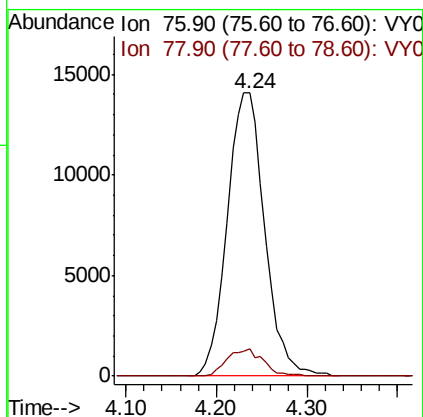
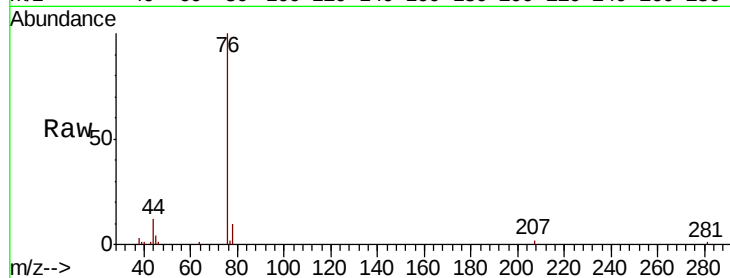




#17
Carbon Disulfide
Concen: 5.276 ug/l
RT: 4.24 min Scan# 410
Delta R.T. 0.01 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

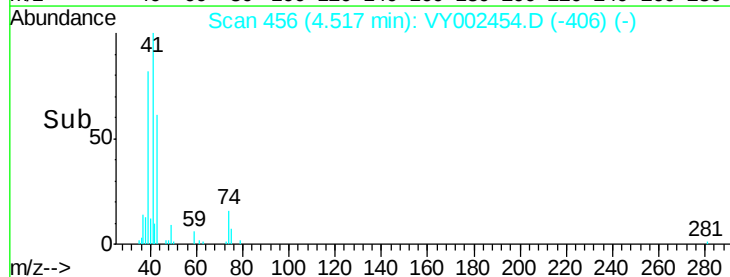
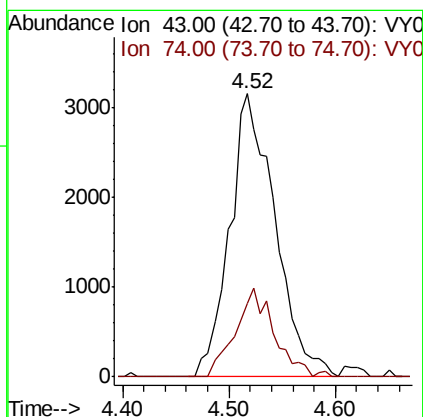
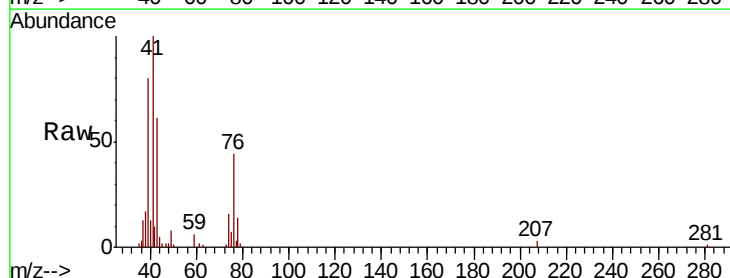
Instrument :
MSVOA_Y
ClientSampleId :

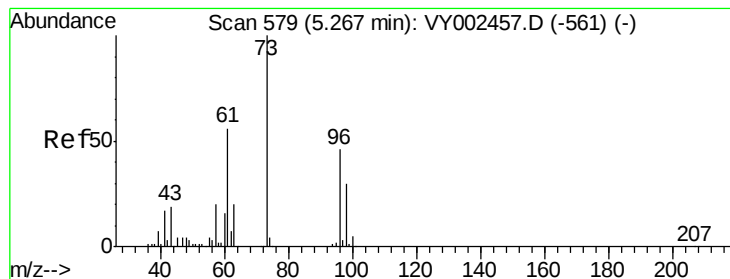
Tot Ion: 76 Resp: 40265
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 5.623 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion: 43 Resp: 9420
Ion Ratio Lower Upper
43 100
74 27.1 22.0 33.0





#19

Methyl tert-butyl Ether

Concen: 5.115 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

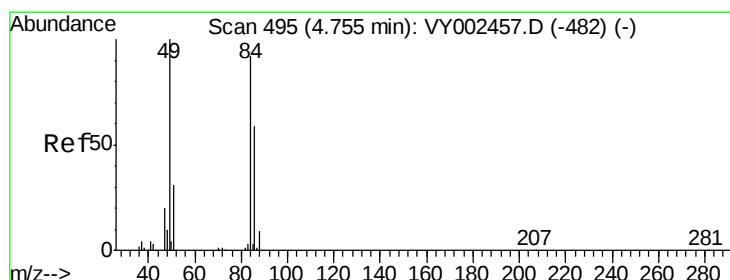
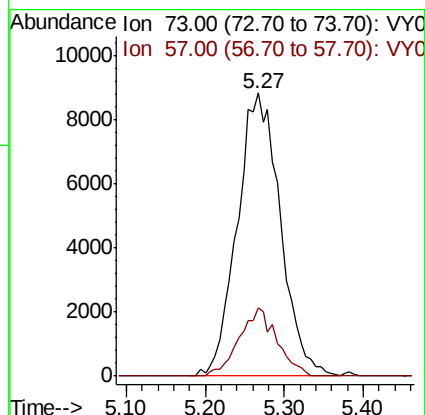
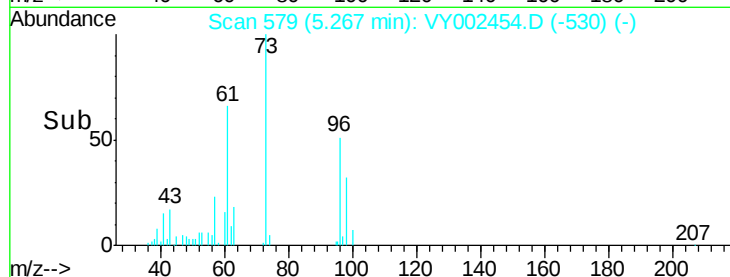
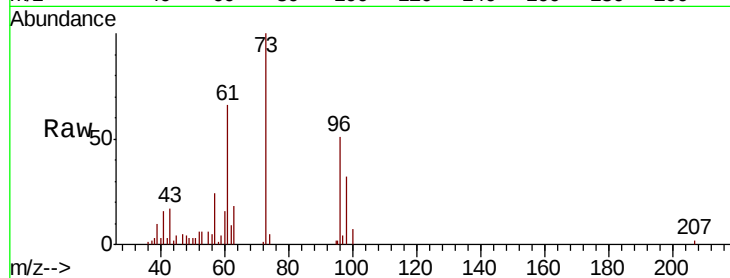
ClientSampled :

Tot Ion: 73 Resp: 33517

Ion Ratio Lower Upper

73 100

57 24.0 16.0 24.0#



#20

Methylene Chloride

Concen: 5.677 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Tgt Ion: 84 Resp: 17463

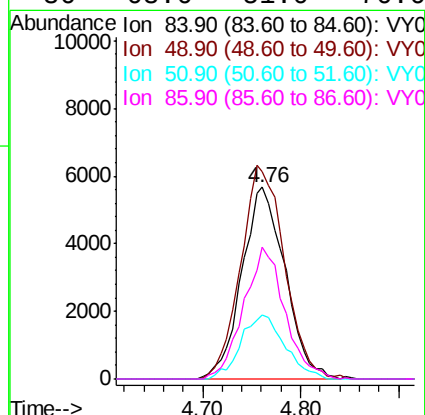
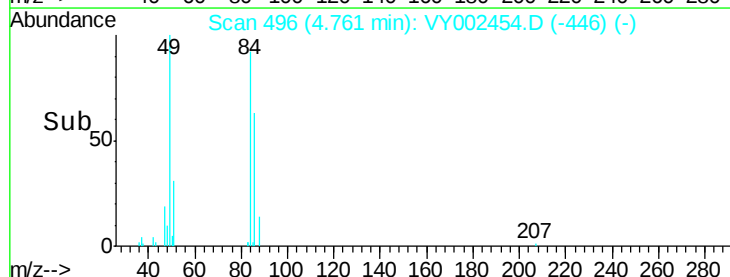
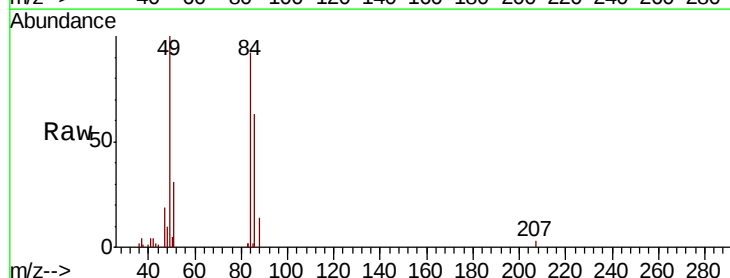
Ion Ratio Lower Upper

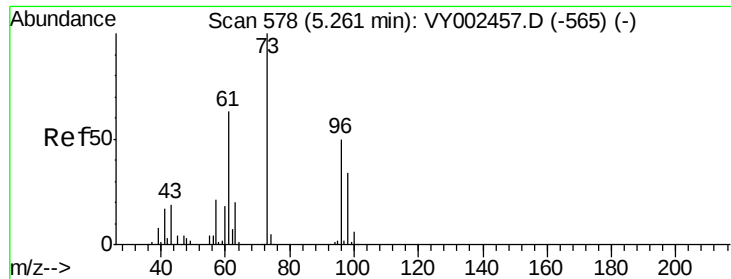
84 100

49 108.4 86.9 130.3

51 33.6 27.3 40.9

86 68.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 5.197 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

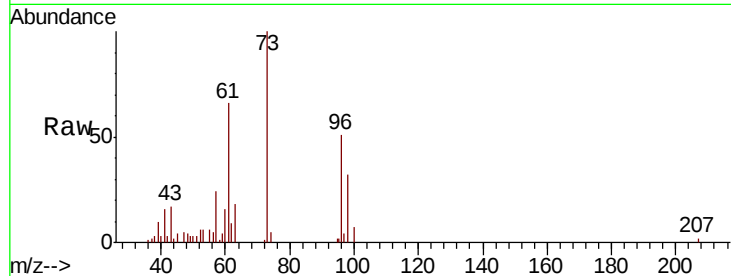
Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

ClientSampled :



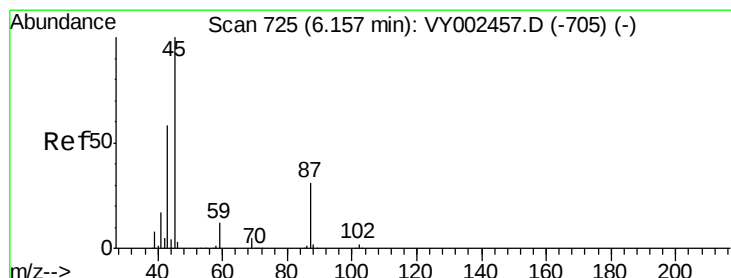
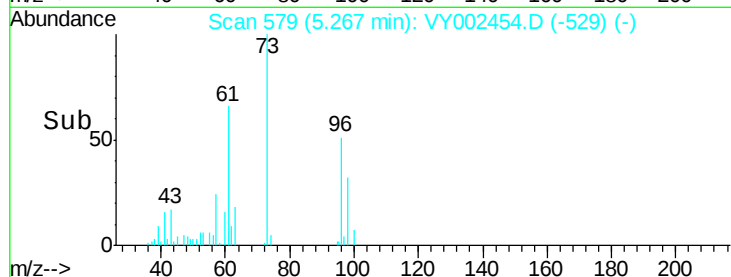
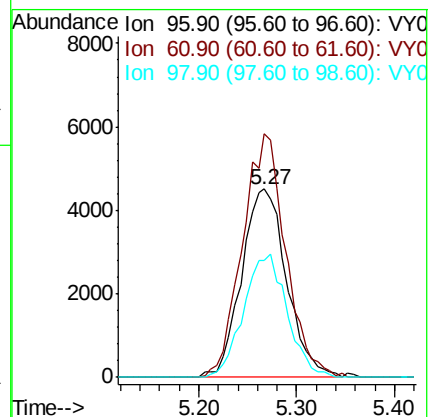
Tot Ion: 96 Resp: 14411

Ion Ratio Lower Upper

96 100

61 129.5 101.4 152.0

98 62.1 53.6 80.4



#22

Diisopropyl ether

Concen: 5.139 ug/l

RT: 6.16 min Scan# 725

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Tgt Ion: 45 Resp: 36806

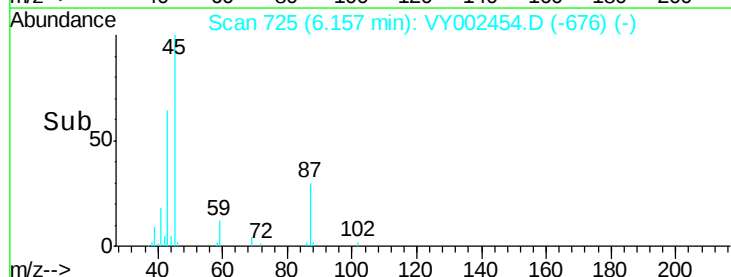
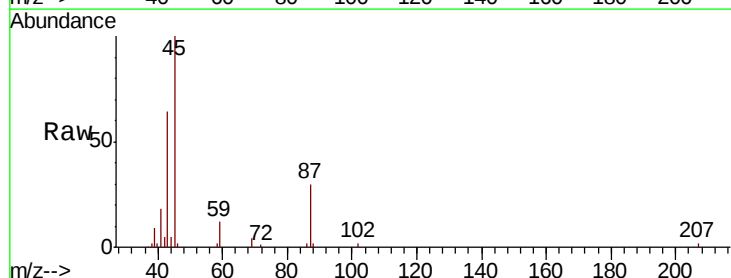
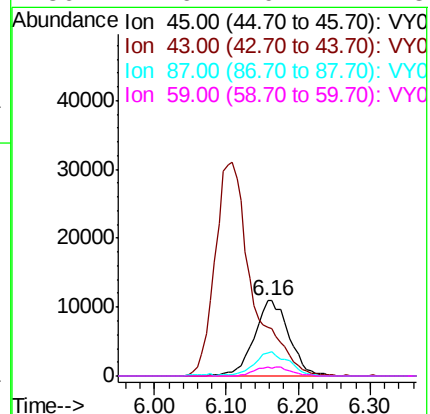
Ion Ratio Lower Upper

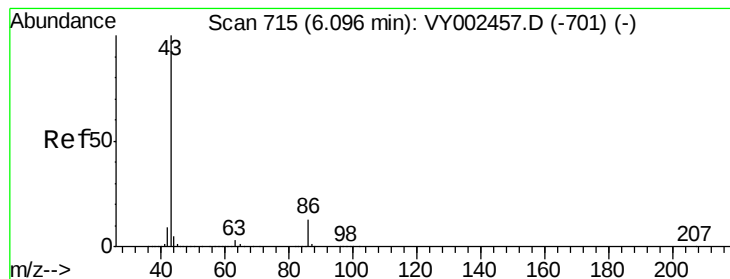
45 100

43 63.9 47.1 70.7

87 30.3 25.0 37.6

59 11.6 9.7 14.5





#23

Vinyl Acetate

Concen: 24.663 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

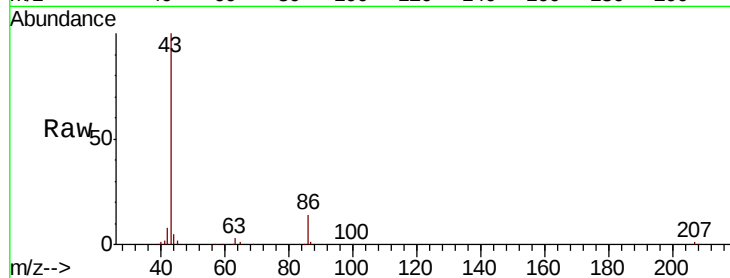
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 110784

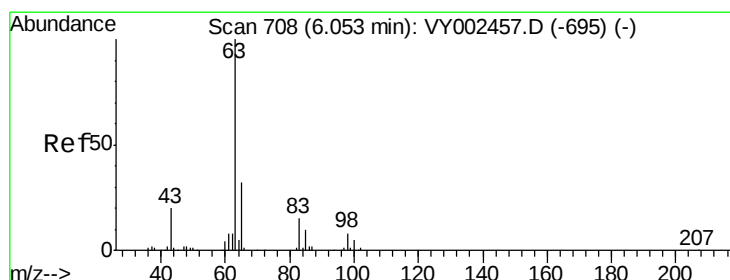
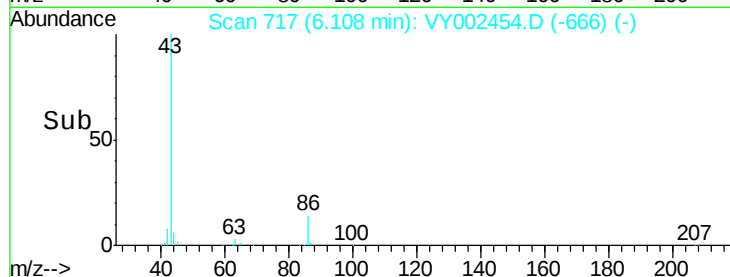
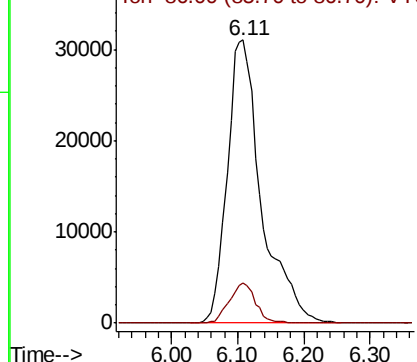
Ion Ratio Lower Upper

43 100

86 14.0 10.2 15.4



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



#24

1,1-Dichloroethane

Concen: 5.165 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

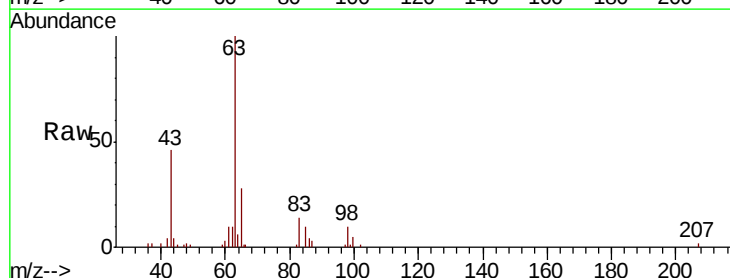
Tgt Ion: 63 Resp: 22425

Ion Ratio Lower Upper

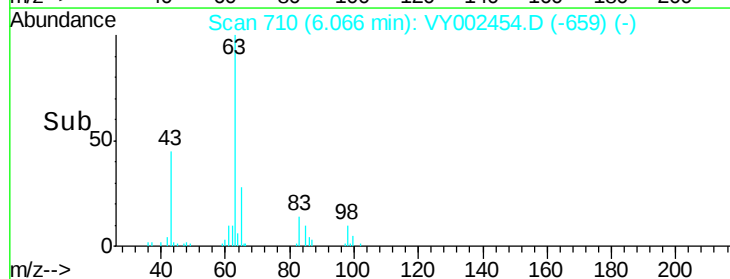
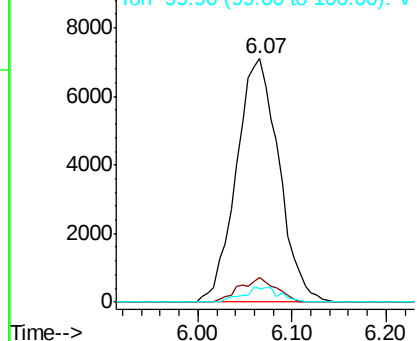
63 100

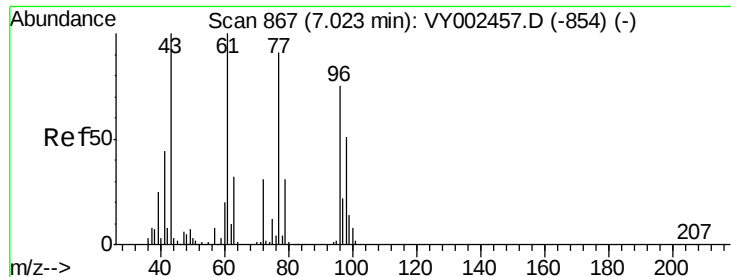
98 10.2 4.1 12.3

100 5.3 2.5 7.4



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: 25.567 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

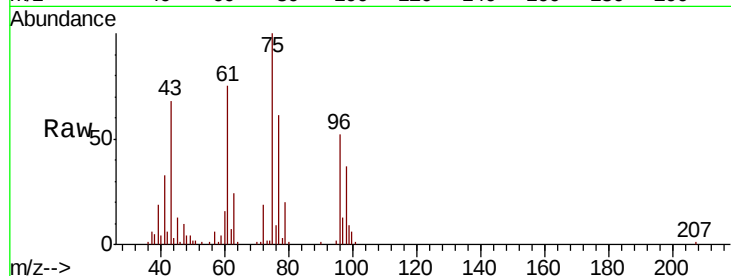
ClientSampled :

Tot Ion: 43 Resp: 20115

Ion Ratio Lower Upper

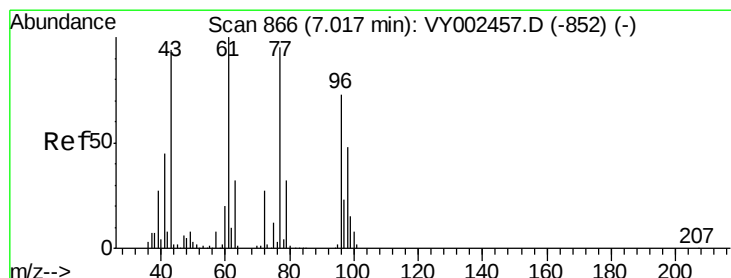
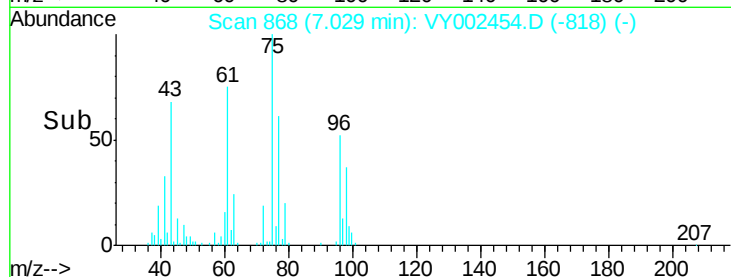
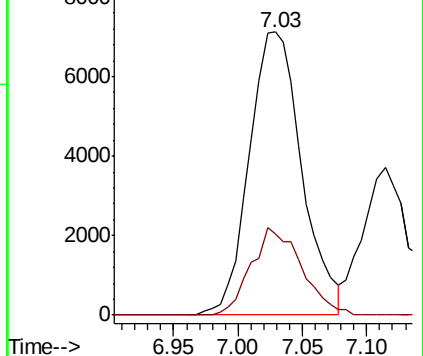
43 100

72 28.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 5.083 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002454.D

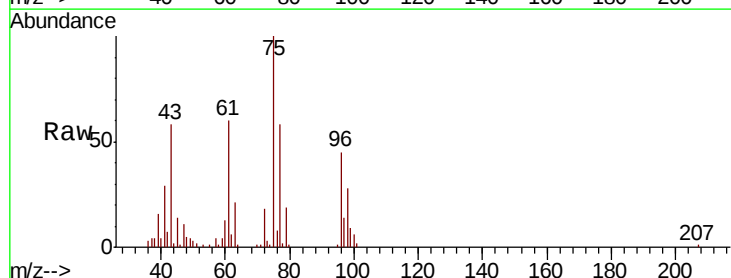
Acq: 23 Apr 2020 10:52

Tgt Ion: 77 Resp: 20998

Ion Ratio Lower Upper

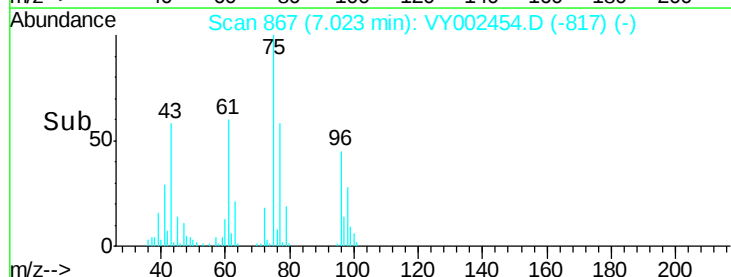
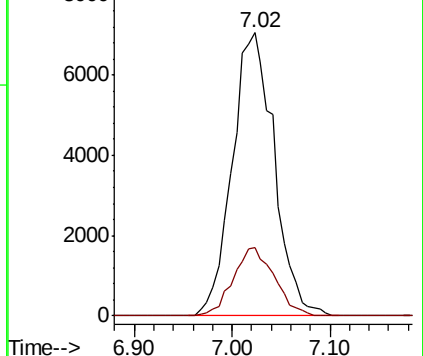
77 100

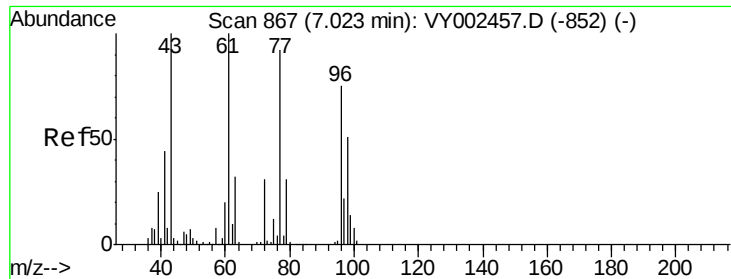
97 23.7 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



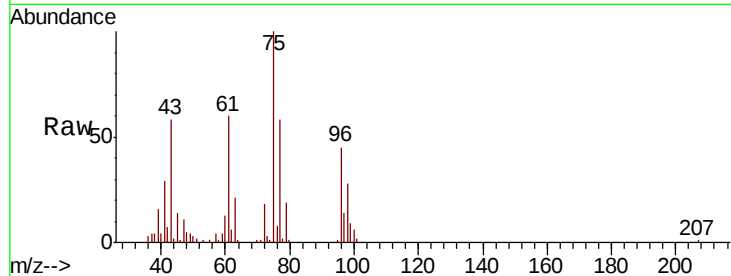


#27

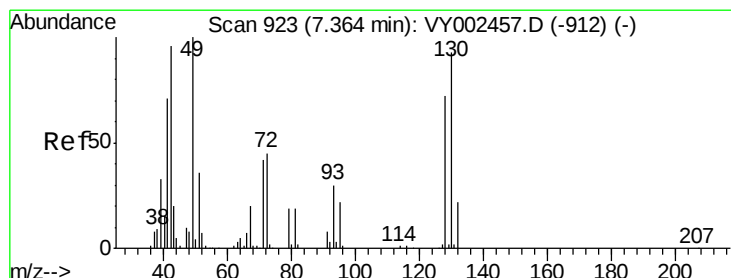
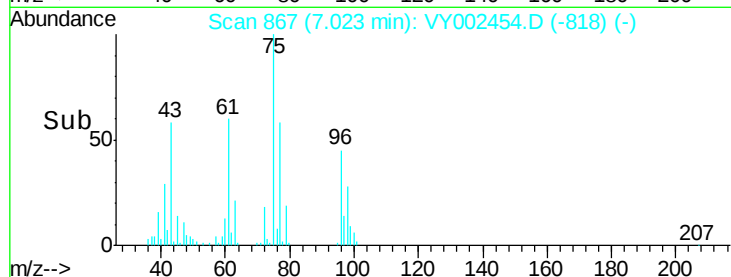
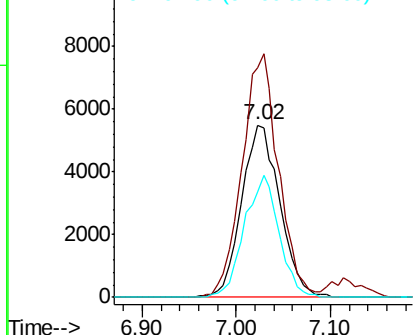
cis-1,2-Dichloroethene
Concen: 5.177 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 15607
Ion Ratio Lower Upper
96 100
61 135.1 0.0 262.6
98 64.2 0.0 131.0



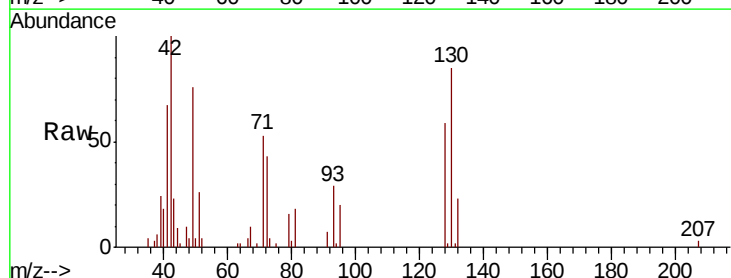
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



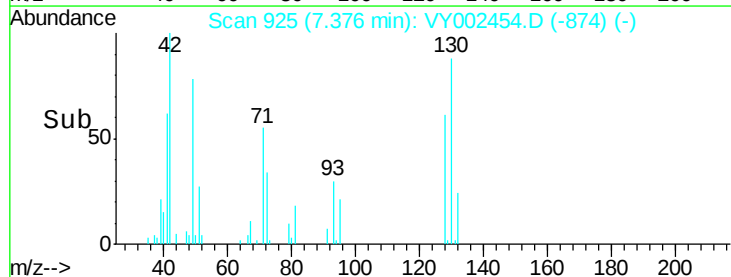
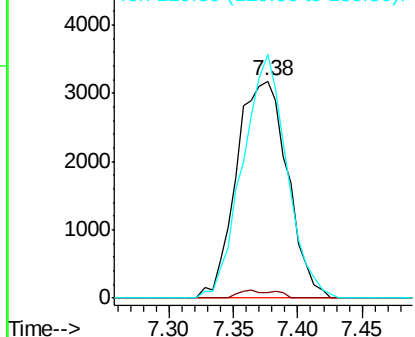
#28

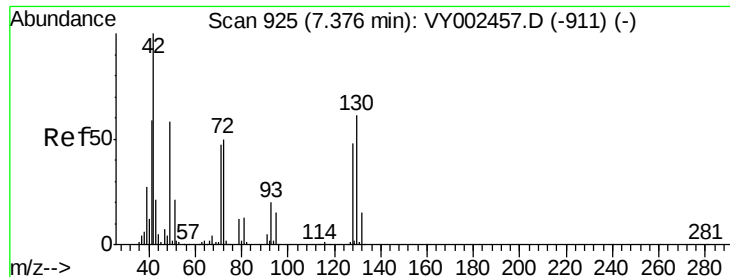
Bromochloromethane
Concen: 5.104 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion: 49 Resp: 8712
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 97.1 76.3 114.5



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

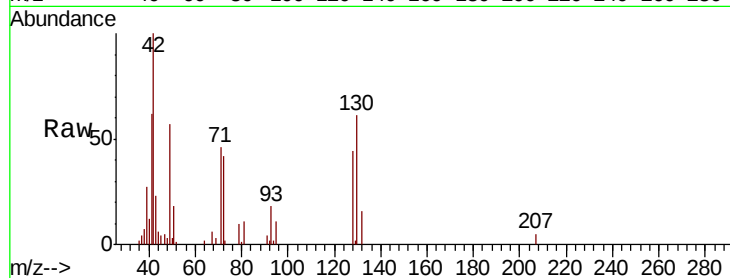




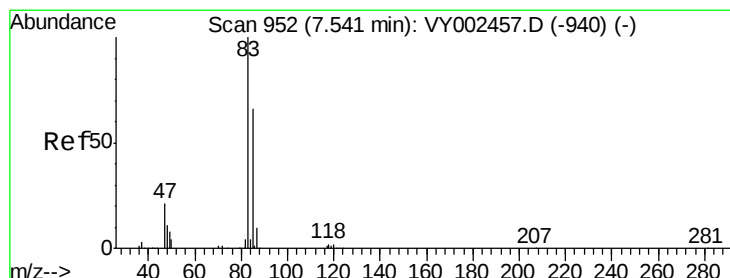
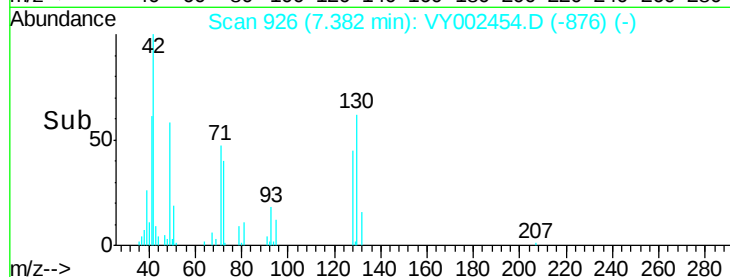
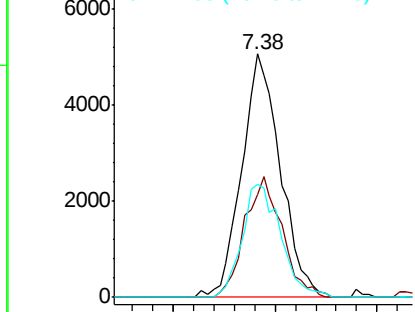
#29
Tetrahydrofuran
Concen: 25.442 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 13330
Ion Ratio Lower Upper
42 100
72 47.8 39.5 59.3
71 46.4 37.6 56.4

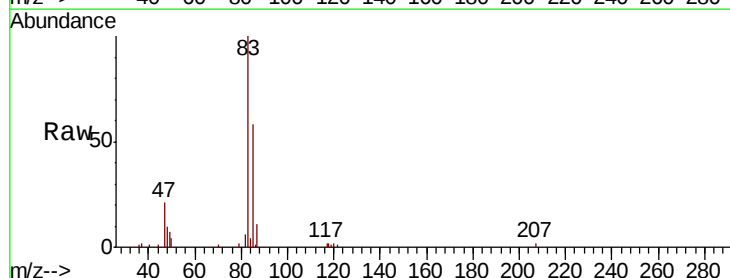


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

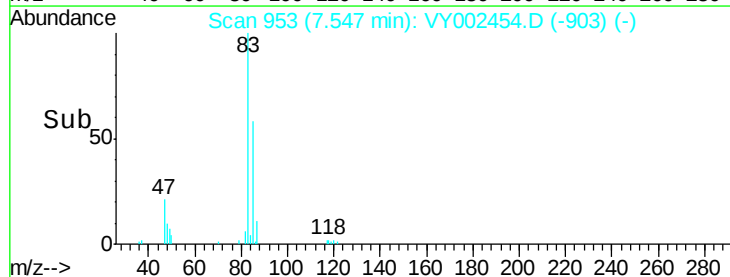
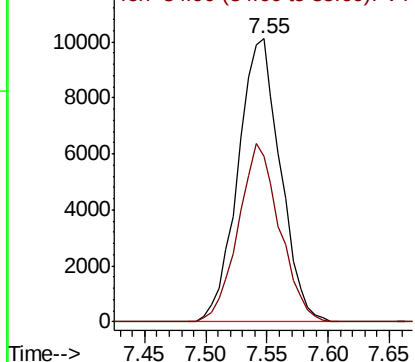


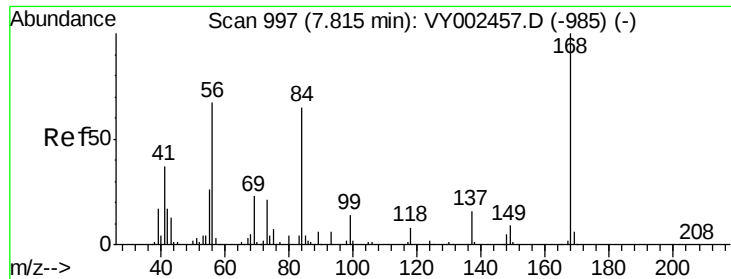
#30
Chloroform
Concen: 5.266 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.01 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion: 83 Resp: 24297
Ion Ratio Lower Upper
83 100
85 58.3 52.4 78.6



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

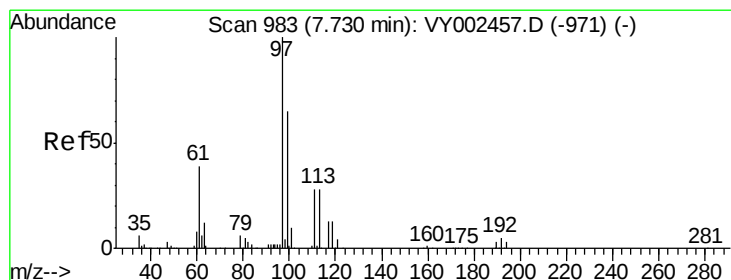
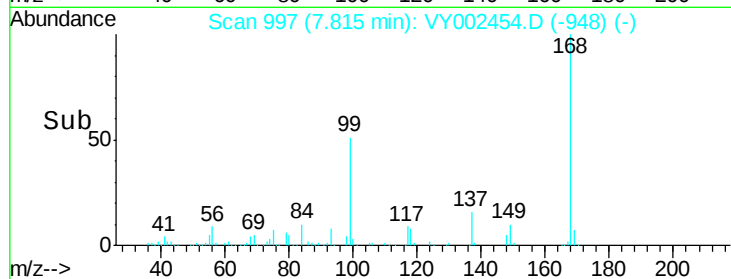
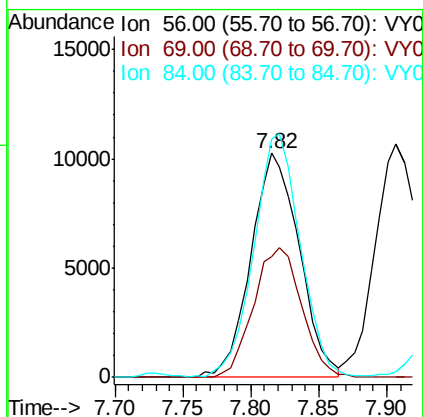
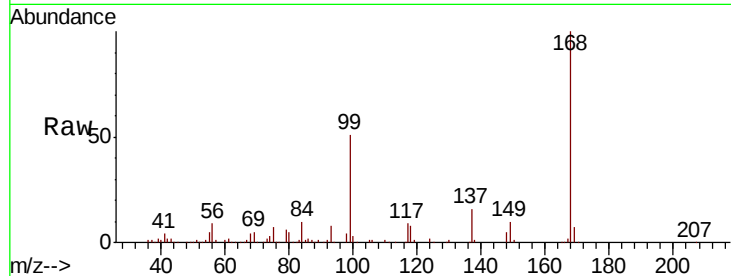




#31
Cyclohexane
Concen: 5.794 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

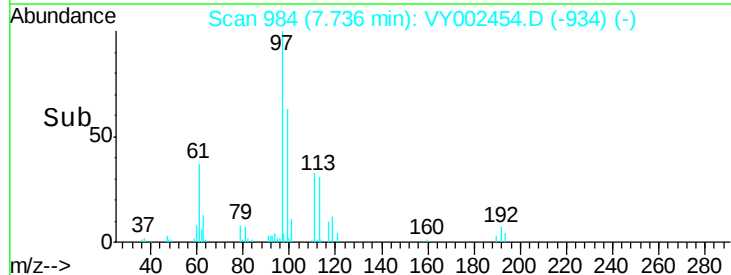
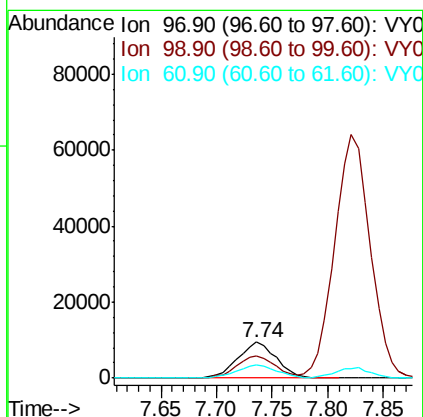
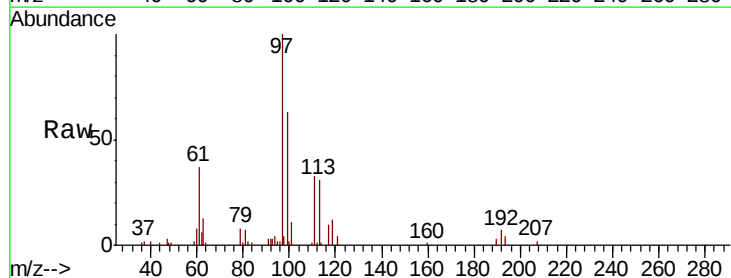
Instrument :
MSVOA_Y
ClientSampled :

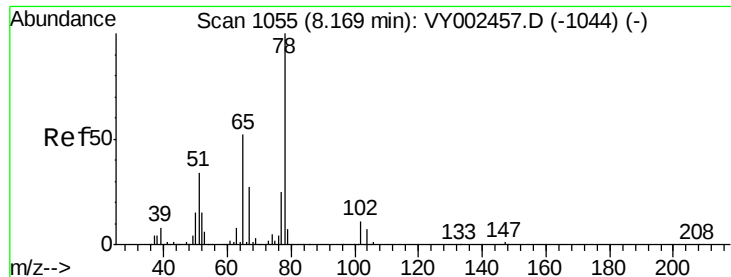
Tot Ion: 56 Resp: 25482
Ion Ratio Lower Upper
56 100
69 54.0 27.0 40.6#
84 106.5 77.4 116.2



#32
1,1,1-Trichloroethane
Concen: 5.263 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion: 97 Resp: 22794
Ion Ratio Lower Upper
97 100
99 63.0 51.6 77.4
61 37.5 30.6 45.8

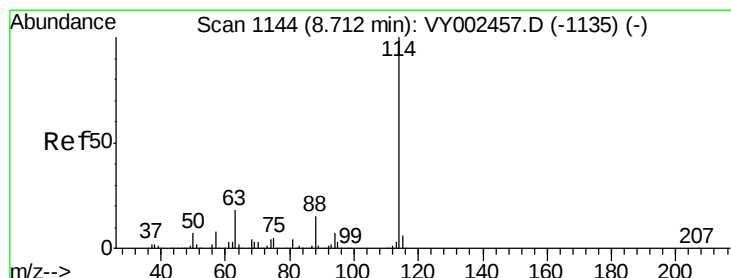
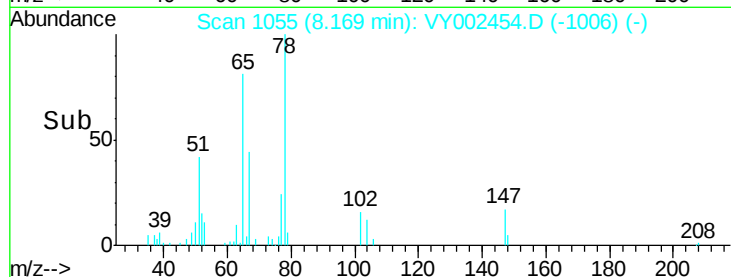
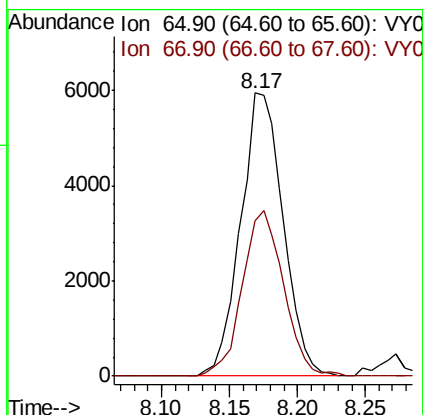
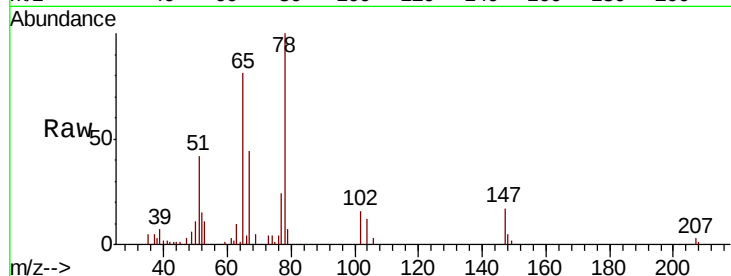




#33
 1,2-Dichloroethane-d4
 Concen: 5.198 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

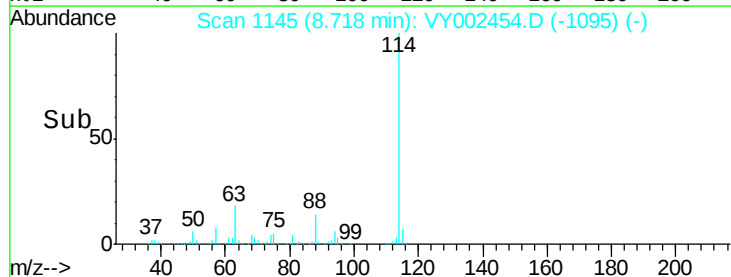
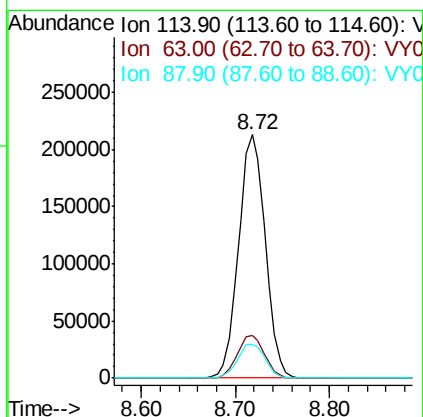
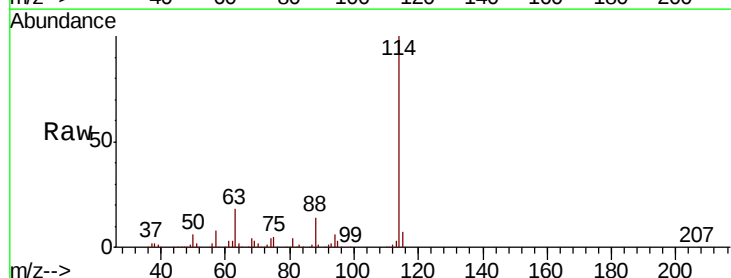
Instrument :
 MSVOA_Y
 ClientSampleId :

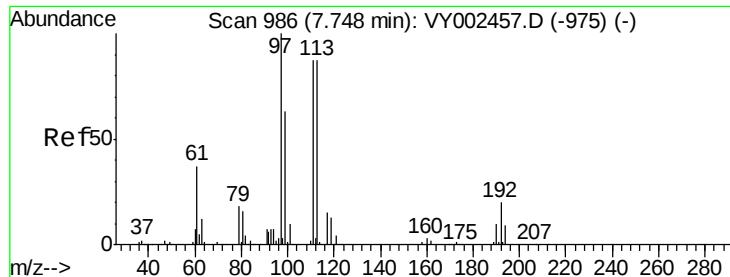
Tot Ion: 65 Resp: 13035
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

Tgt Ion: 114 Resp: 420243
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.6
 88 14.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 5.232 ug/l

RT: 7.75 min Scan# 987

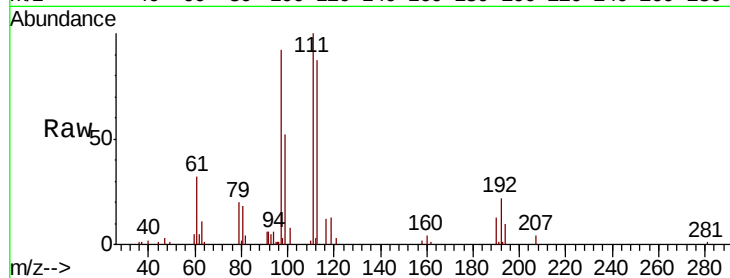
Delta R.T. 0.01 min

Lab File: VY002454.D

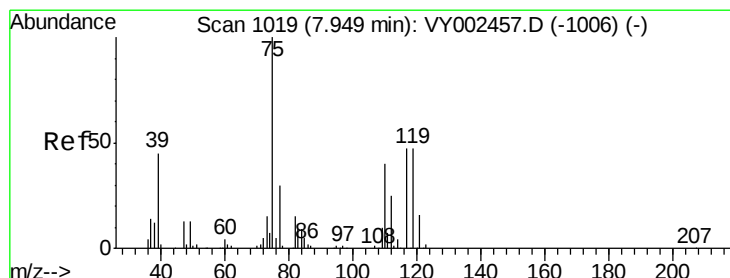
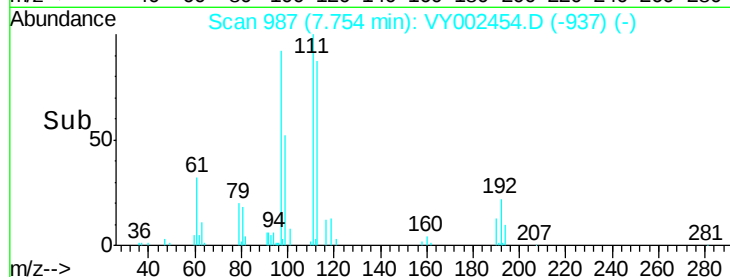
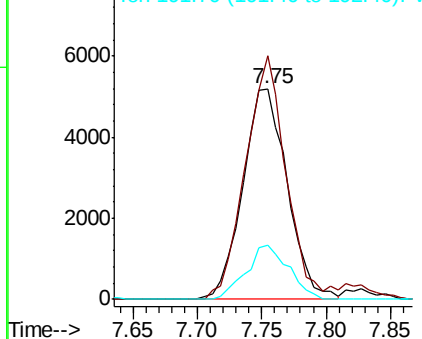
Acq: 23 Apr 2020 10:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:113	Resp:	12445
Ion	Ratio	Lower Upper
113	100	
111	104.0	81.0 121.4
192	24.4	18.6 27.8



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



#36

1,1-Dichloropropene

Concen: 5.232 ug/l

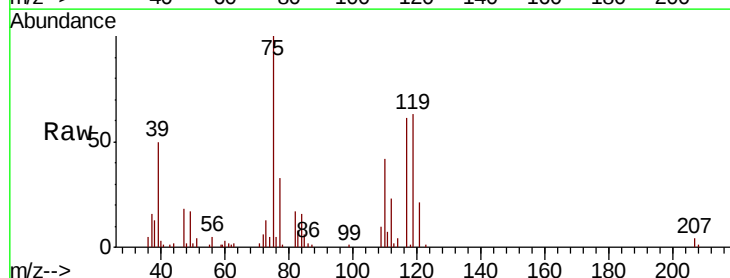
RT: 7.95 min Scan# 1019

Delta R.T. -0.00 min

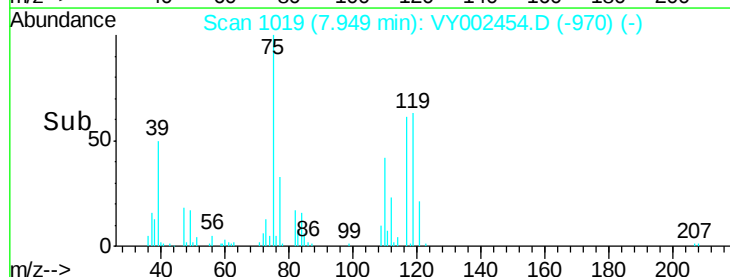
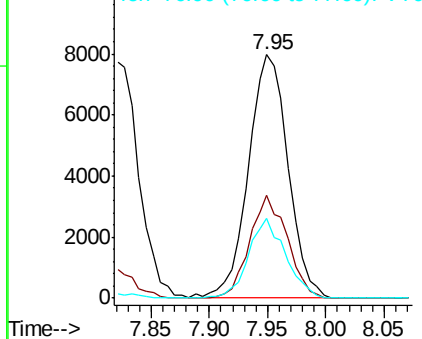
Lab File: VY002454.D

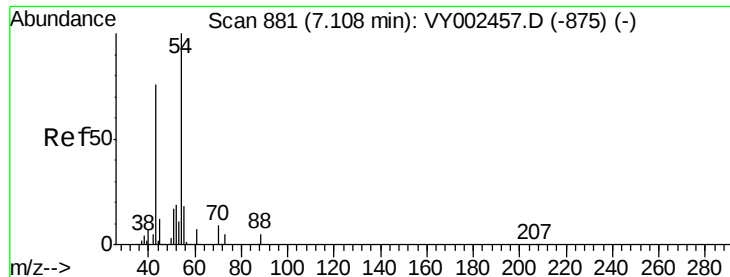
Acq: 23 Apr 2020 10:52

Tgt Ion: 75	Resp:	18869
Ion	Ratio	Lower Upper
75	100	
110	39.8	19.4 58.4
77	30.4	24.7 37.1



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

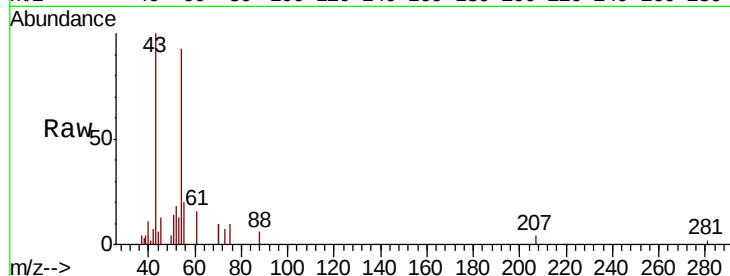




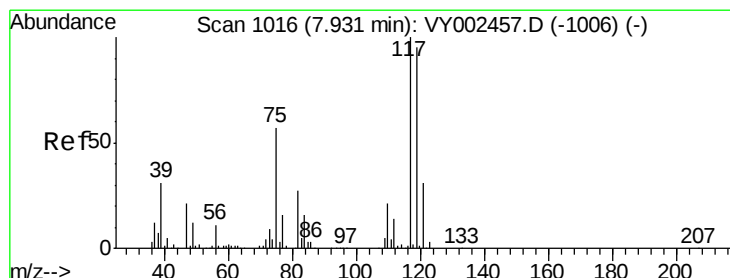
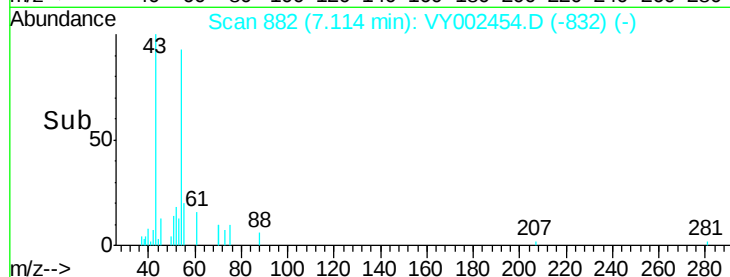
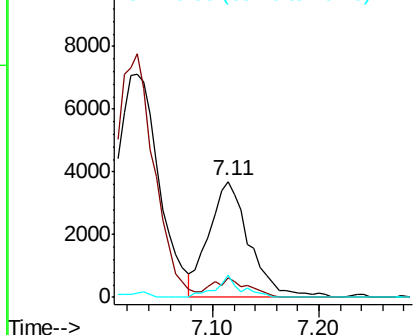
#37
Ethyl Acetate
Concen: 5.495 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 9774
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 11.6 9.3 13.9

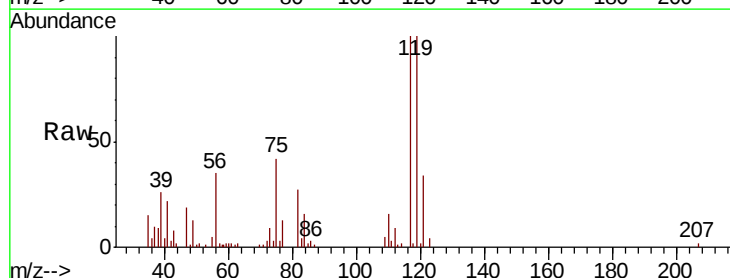


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

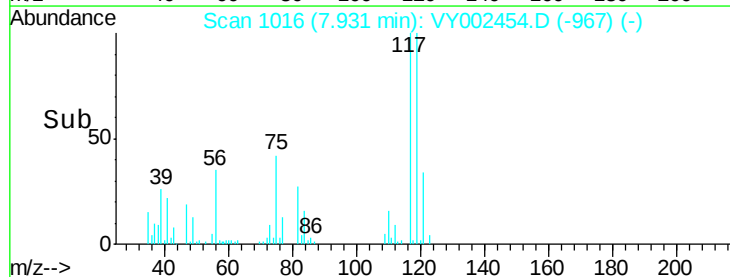
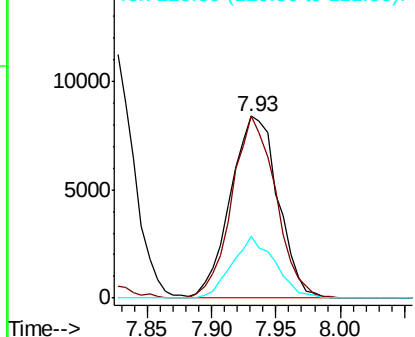


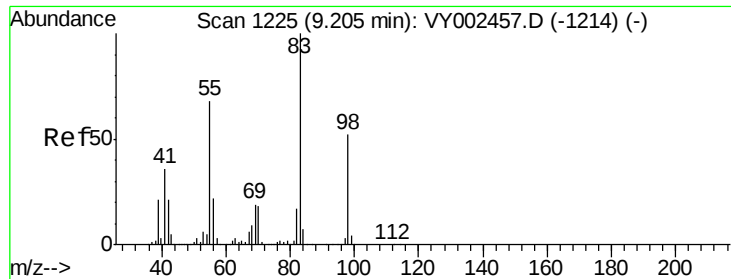
#38
Carbon Tetrachloride
Concen: 5.213 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion: 117 Resp: 21492
Ion Ratio Lower Upper
117 100
119 100.3 75.9 113.9
121 33.9 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

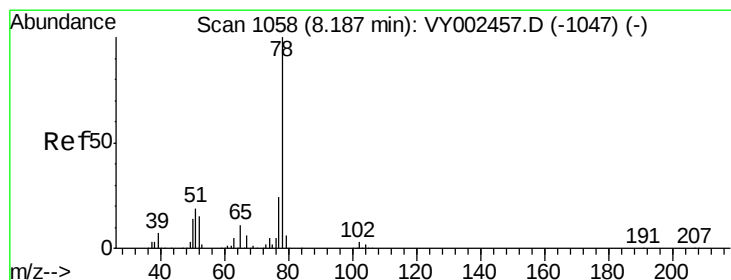
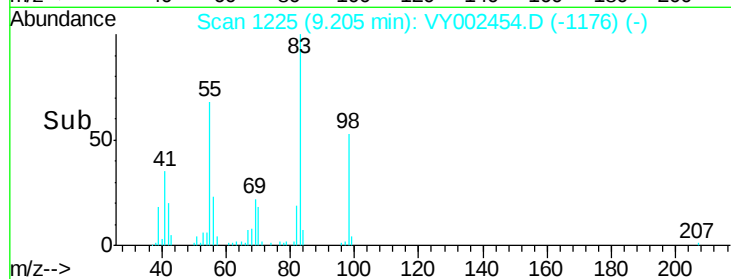
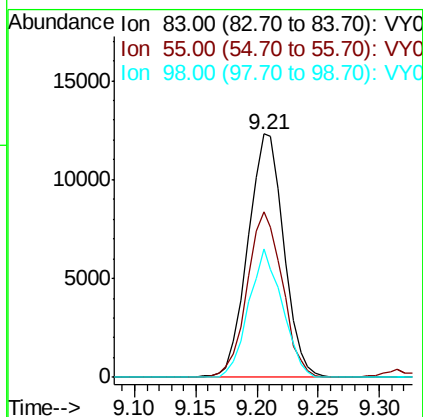
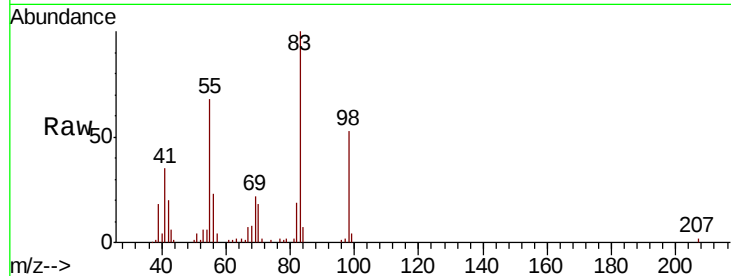




#39
Methvlcvclohexane
Concen: 5.364 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

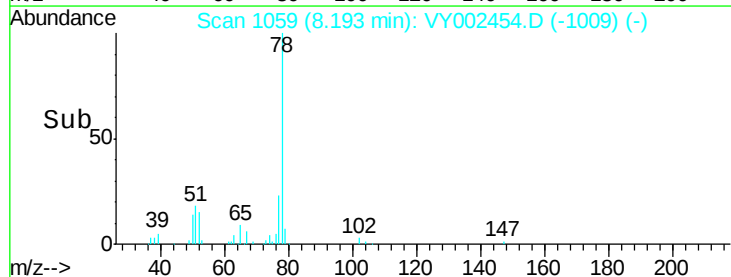
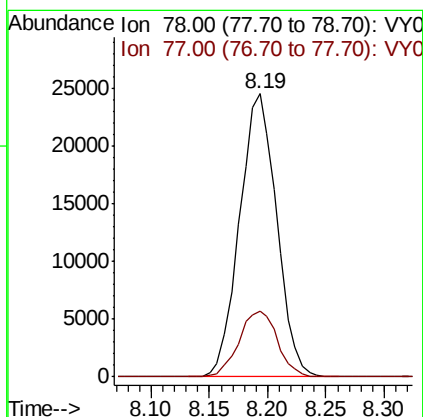
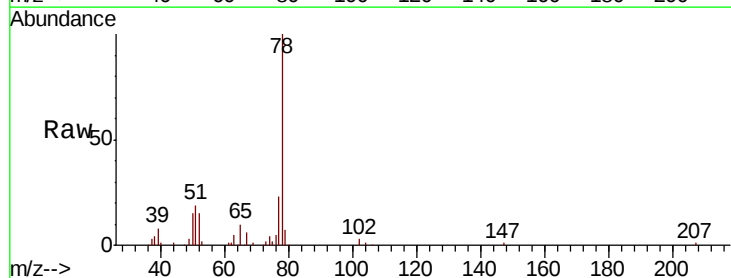
Instrument :
MSVOA_Y
ClientSampleId :

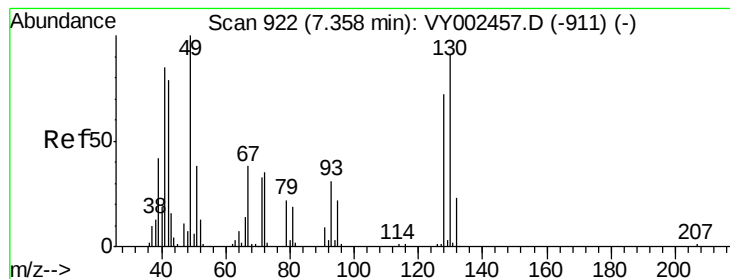
Tot Ion: 83 Resp: 25140
Ion Ratio Lower Upper
83 100
55 68.3 54.2 81.2
98 52.6 41.9 62.9



#40
Benzene
Concen: 5.250 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion: 78 Resp: 54640
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0





#41

Methacrylonitrile

Concen: 5.988 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.02 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 41 Resp: 12823

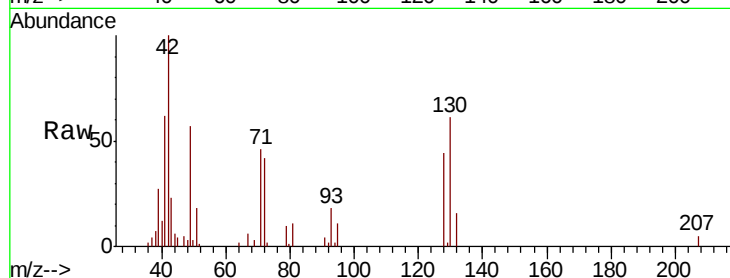
Ion Ratio Lower Upper

41 100

39 29.9 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

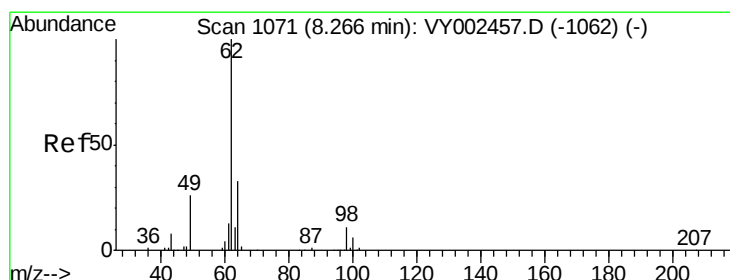
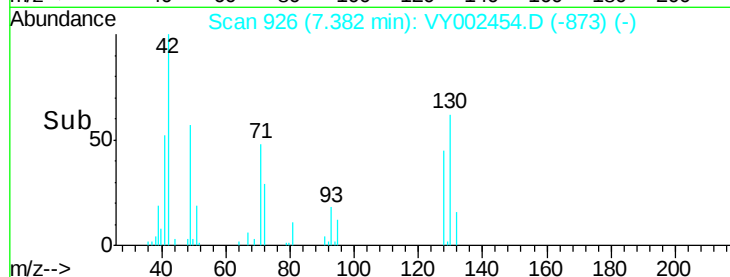
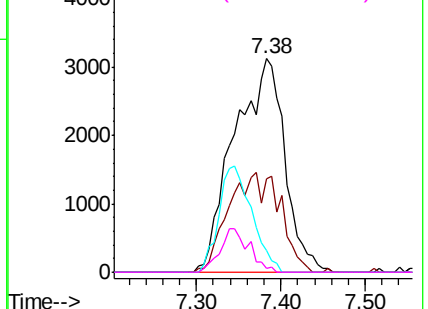


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 5.321 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VY002454.D

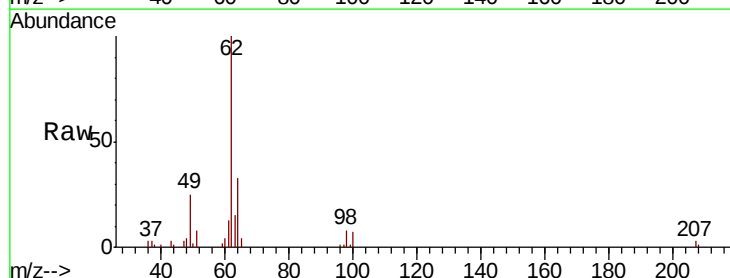
Acq: 23 Apr 2020 10:52

Tgt Ion: 62 Resp: 16031

Ion Ratio Lower Upper

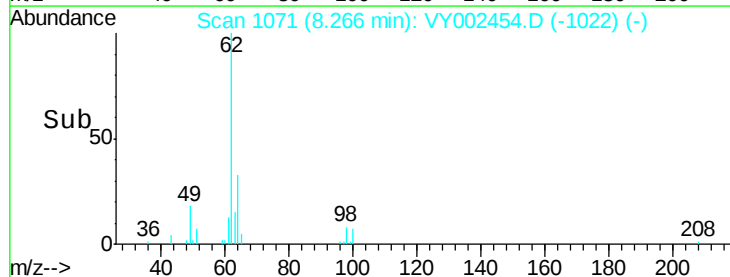
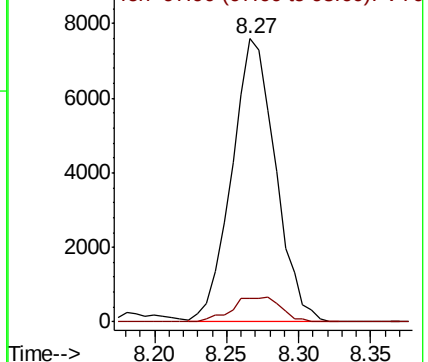
62 100

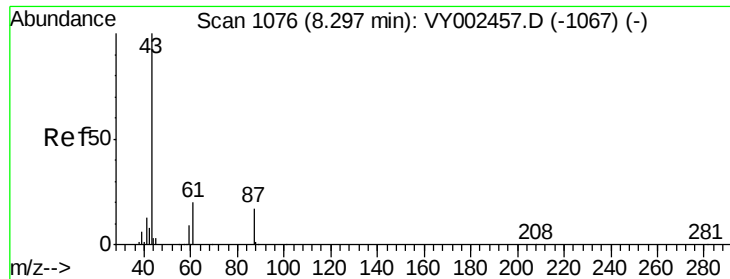
98 9.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 5.098 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

ClientSampled :

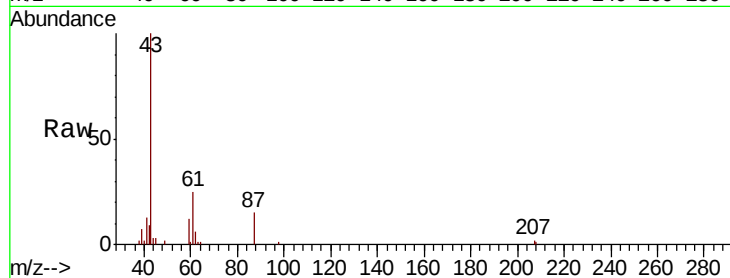
Tot Ion: 43 Resp: 16919

Ion Ratio Lower Upper

43 100

61 32.8 25.0 37.4

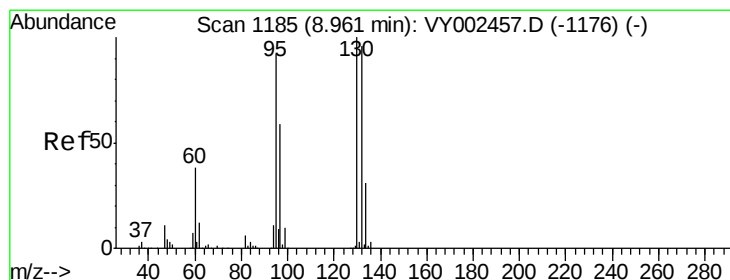
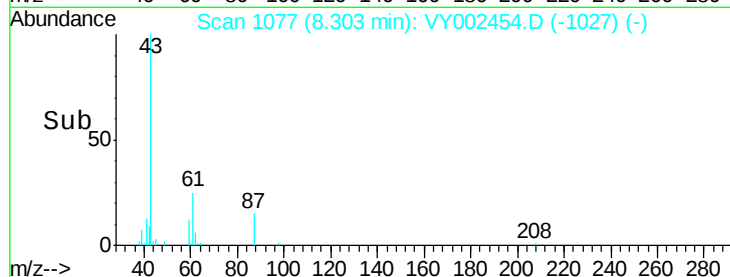
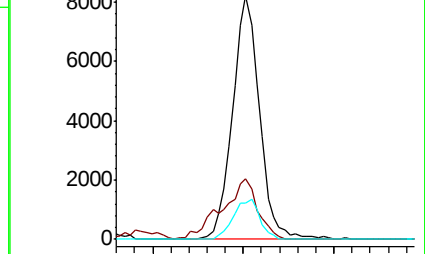
87 16.0 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1067) (-)

Ion 61.00 (60.70 to 61.70): VY002457.D (-1067) (-)

Ion 87.00 (86.70 to 87.70): VY002457.D (-1067) (-)



#44

Trichloroethene

Concen: 5.326 ug/l

RT: 8.97 min Scan# 1186

Delta R.T. 0.01 min

Lab File: VY002454.D

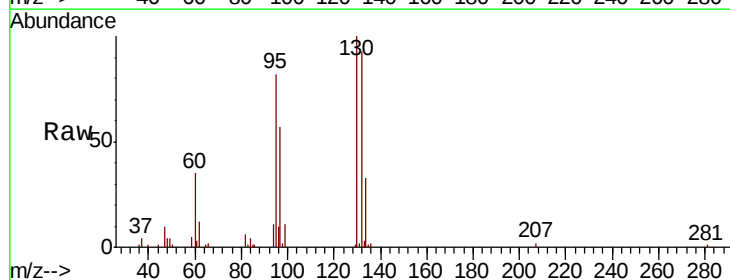
Acq: 23 Apr 2020 10:52

Tgt Ion: 130 Resp: 17376

Ion Ratio Lower Upper

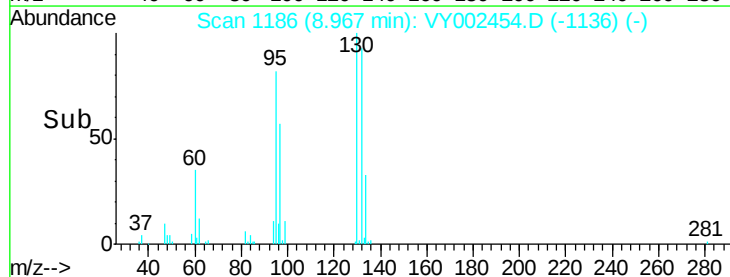
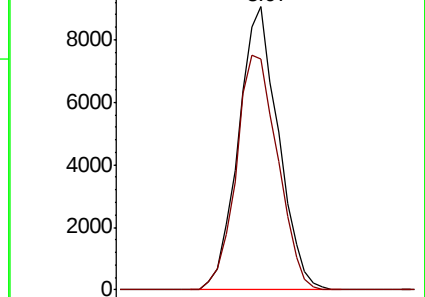
130 100

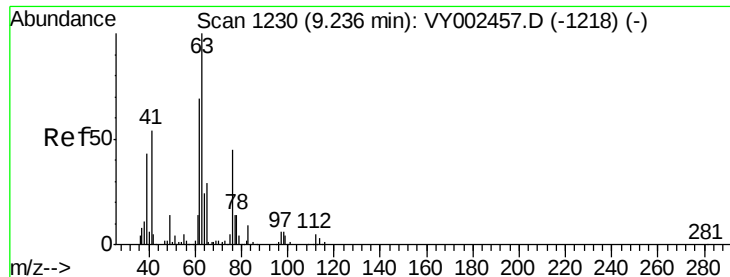
95 81.7 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VY002457.D (-1176) (-)

Ion 94.90 (94.60 to 95.60): VY002457.D (-1176) (-)

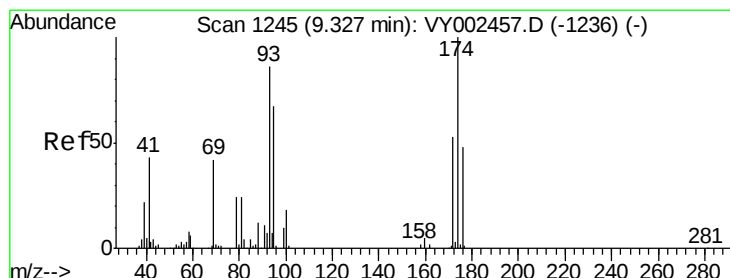
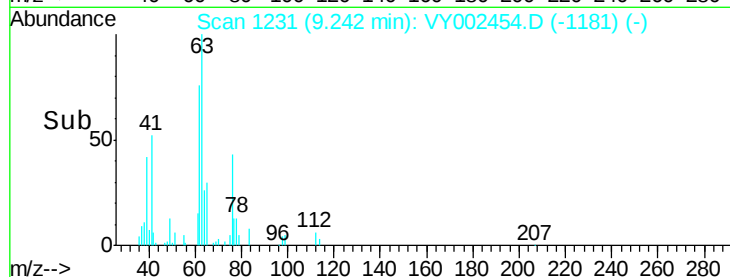
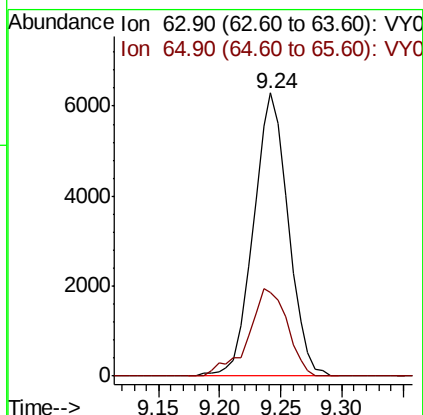
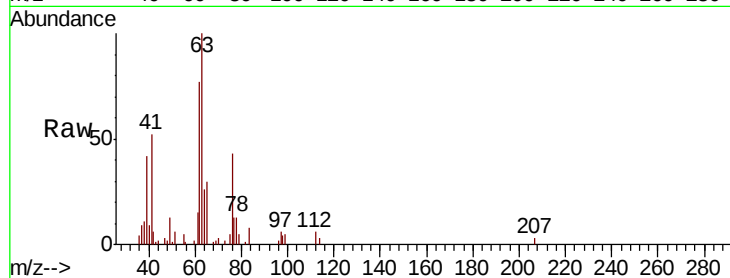




#45
 1,2-Dichloropropane
 Concen: 5.184 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

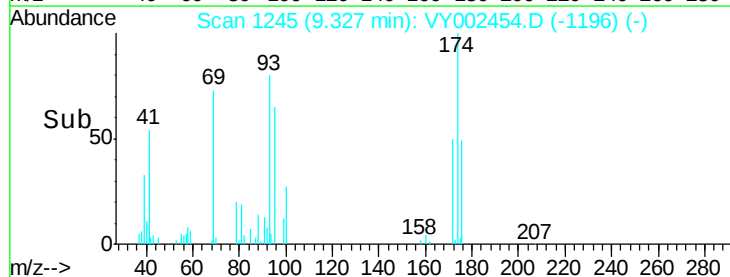
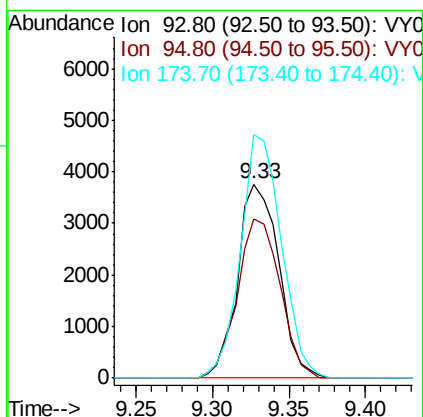
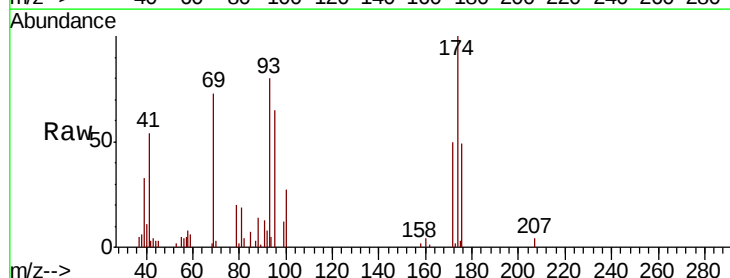
Instrument :
 MSVOA_Y
 ClientSampleId :

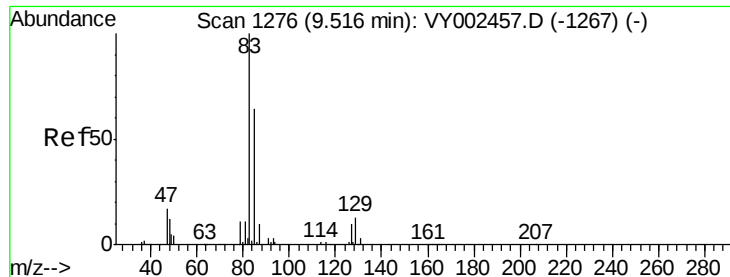
Tot Ion: 63 Resp: 12450
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.4 35.0



#46
 Dibromomethane
 Concen: 5.048 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

Tgt Ion: 93 Resp: 7036
 Ion Ratio Lower Upper
 93 100
 95 85.5 65.4 98.0
 174 124.8 94.8 142.2





#47

Bromodichloromethane

Concen: 5.021 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :
MSVOA_Y
ClientSampled :

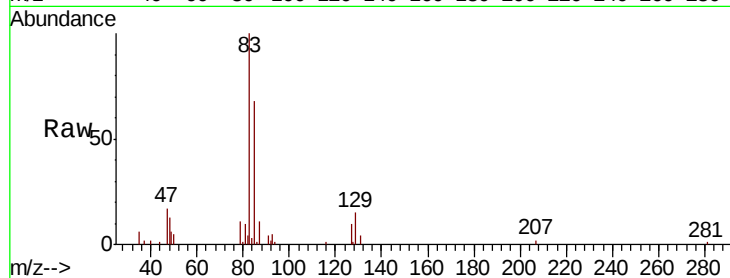
Tot Ion: 83 Resp: 17542

Ion Ratio Lower Upper

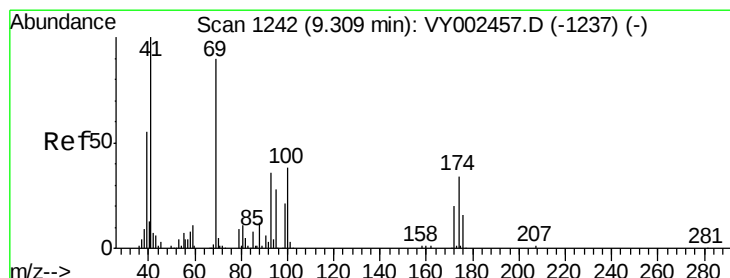
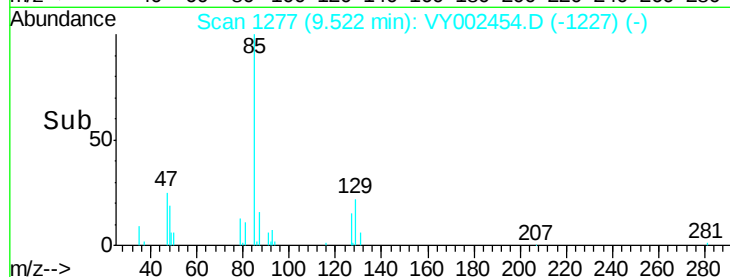
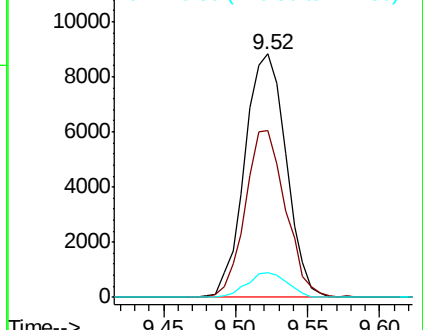
83 100

85 68.4 51.2 76.8

127 10.3 7.7 11.5



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



#48

Methyl methacrylate

Concen: 5.094 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

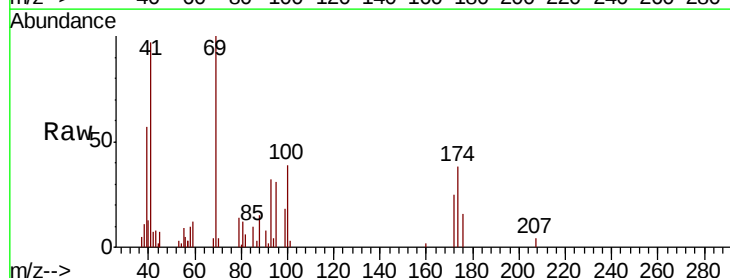
Tgt Ion: 41 Resp: 7703

Ion Ratio Lower Upper

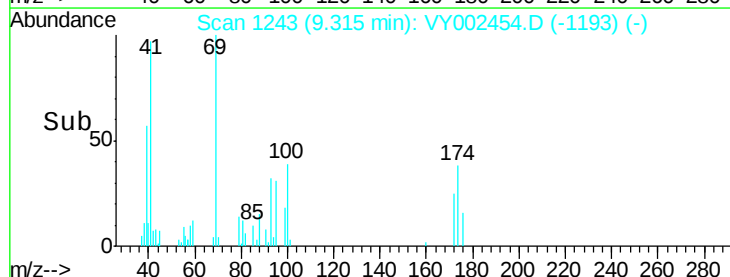
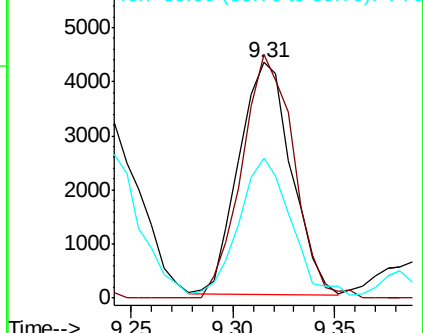
41 100

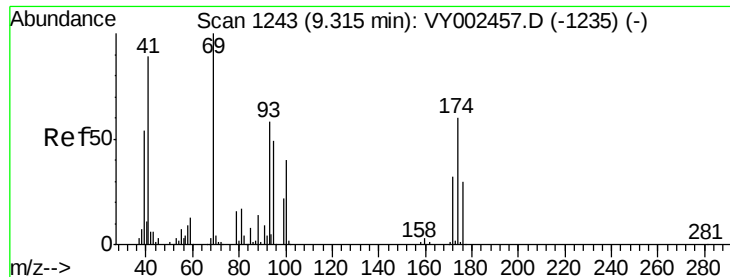
69 104.1 77.9 116.9

39 58.2 47.9 71.9



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

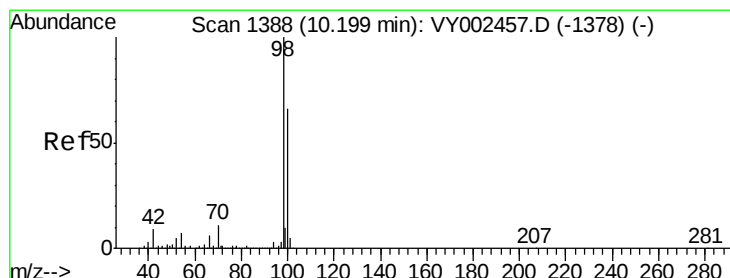
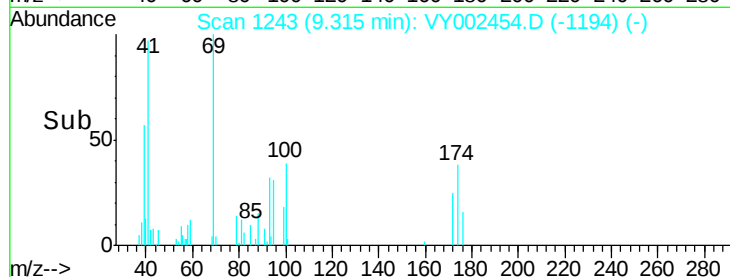
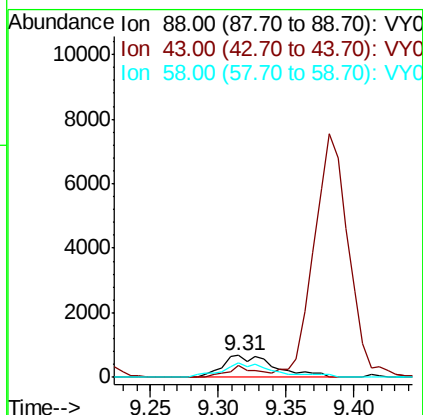
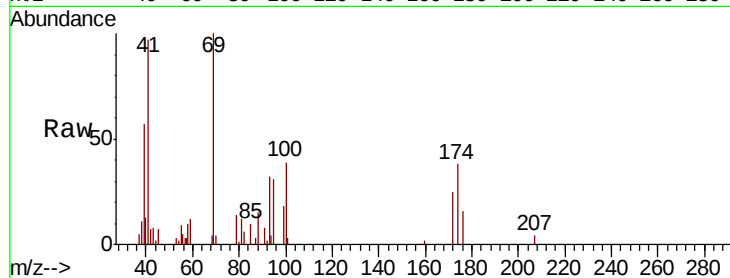




#49
 1,4-Dioxane
 Concen: 105.112 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

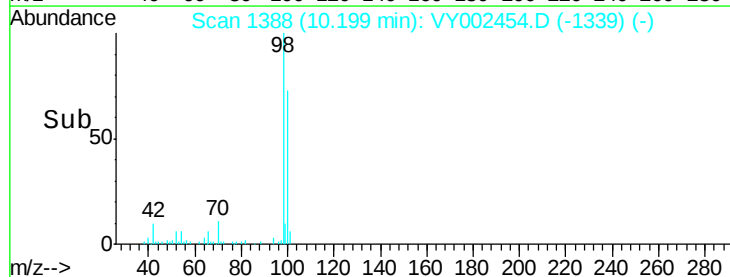
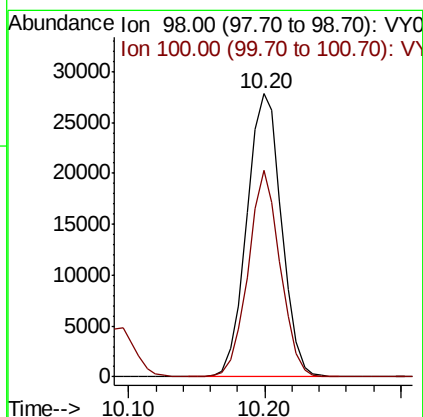
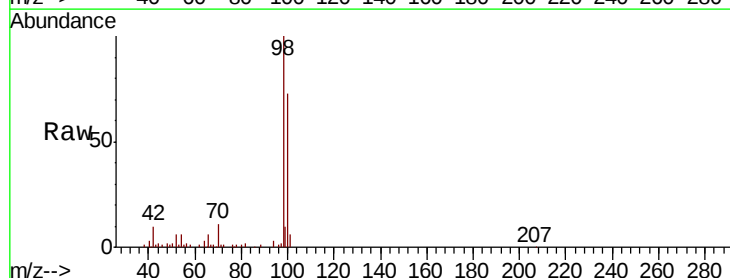
Instrument :
 MSVOA_Y
 ClientSampleId :

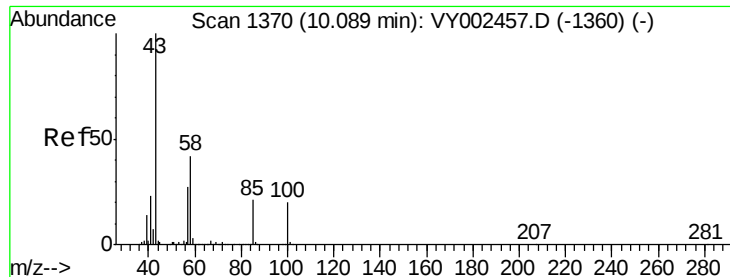
Tot Ion: 88 Resp: 1843
 Ion Ratio Lower Upper
 88 100
 43 29.1 22.9 34.3
 58 57.1 49.5 74.3



#50
 Toluene-d8
 Concen: 5.185 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

Tgt Ion: 98 Resp: 49697
 Ion Ratio Lower Upper
 98 100
 100 67.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 25.670 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

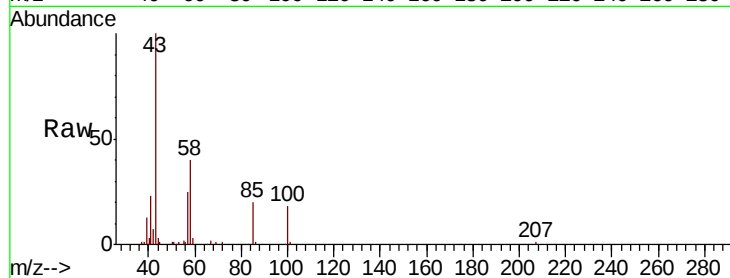
ClientSampled :

Tot Ion: 43 Resp: 44153

Ion Ratio Lower Upper

43 100

58 41.5 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-1360) (-)

10.09

25000

20000

15000

10000

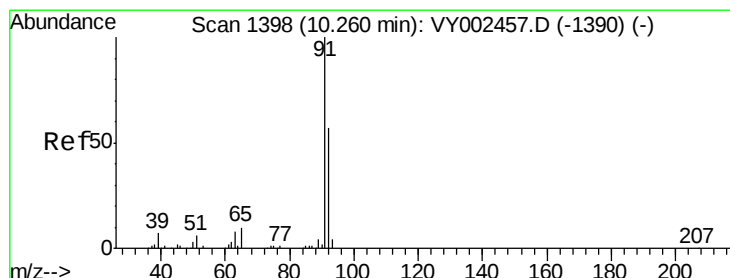
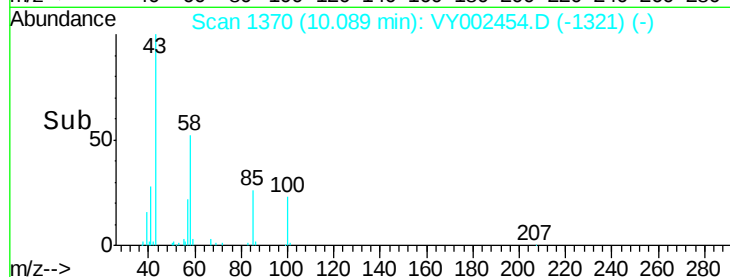
5000

0

Time-->

10.00

10.10



#52

Toluene

Concen: 5.214 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VY002454.D

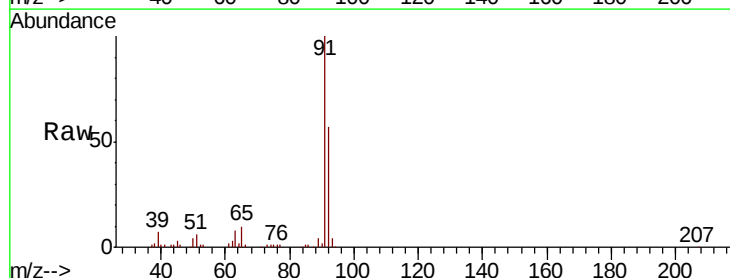
Acq: 23 Apr 2020 10:52

Tgt Ion: 92 Resp: 34793

Ion Ratio Lower Upper

92 100

91 176.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VY002457.D (-1390) (-)

Ion 91.00 (90.70 to 91.70): VY002457.D (-1390) (-)

10.27

40000

30000

20000

10000

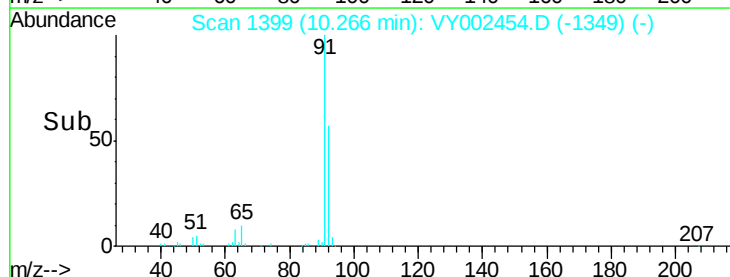
0

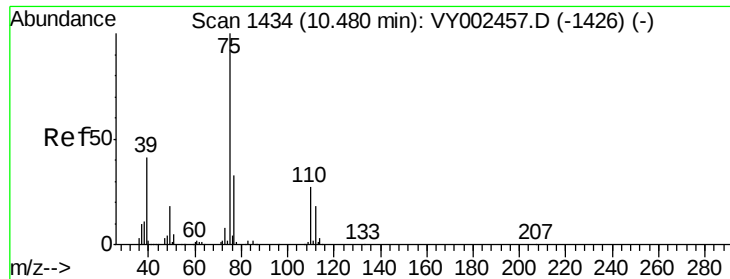
Time-->

10.20

10.25

10.30





#53

t-1,3-Dichloropropene

Concen: 5.064 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

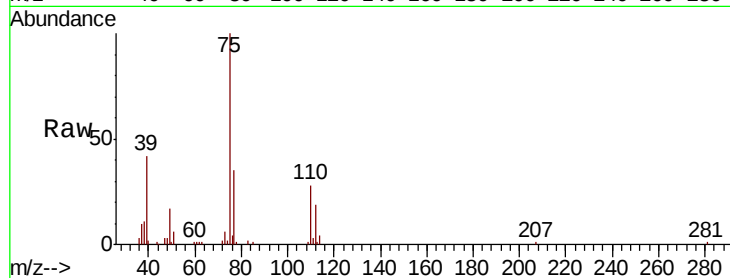
ClientSampleId :

Tot Ion: 75 Resp: 18400

Ion Ratio Lower Upper

75 100

77 34.6 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

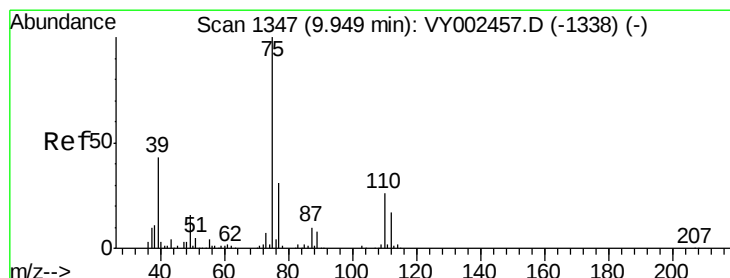
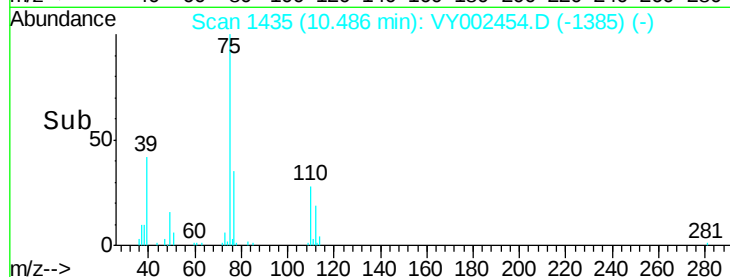
10.49

10000

5000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.086 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

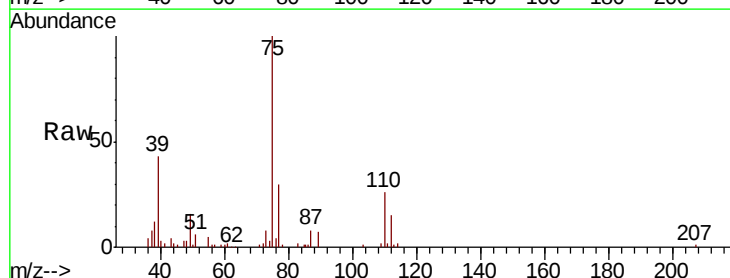
Tgt Ion: 75 Resp: 21317

Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 43.4 34.2 51.2



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

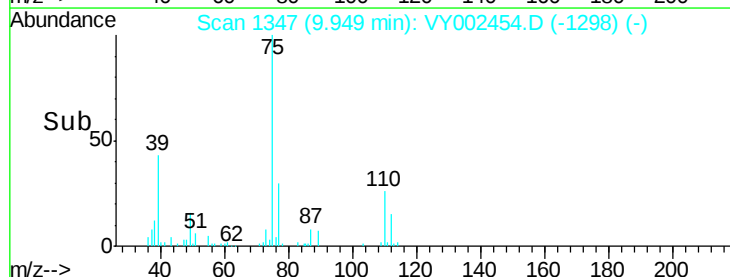
15000

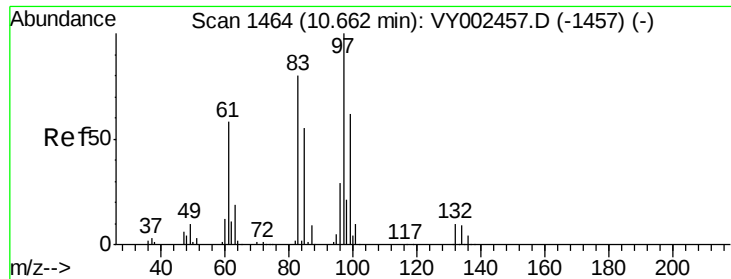
10000

5000

0

Time-->

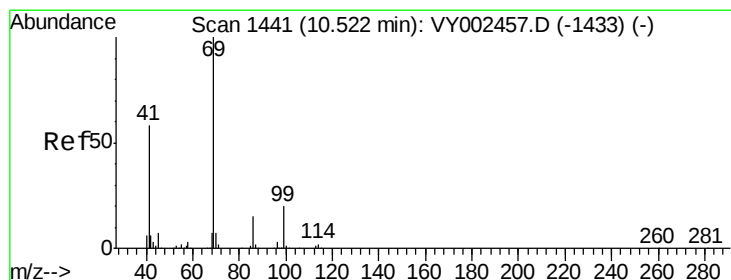
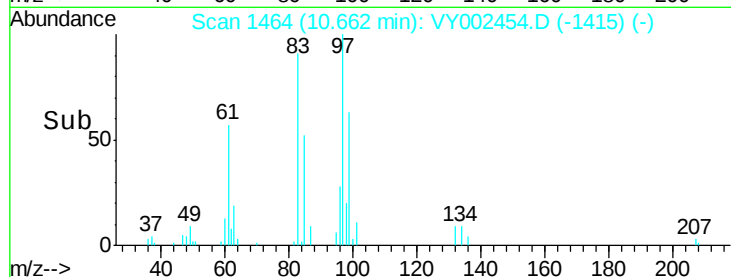
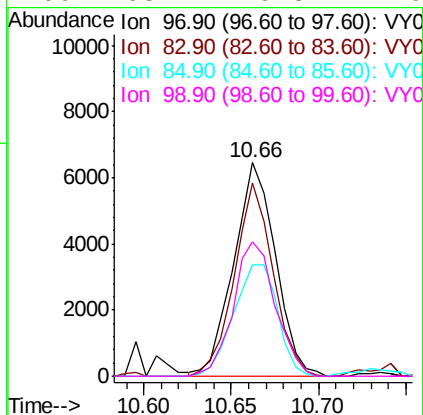
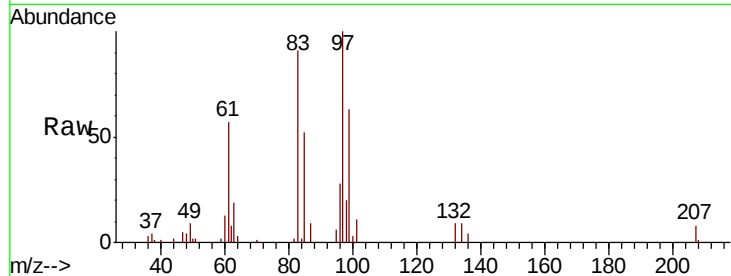




#55
 1,1,2-Trichloroethane
 Concen: 5.200 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

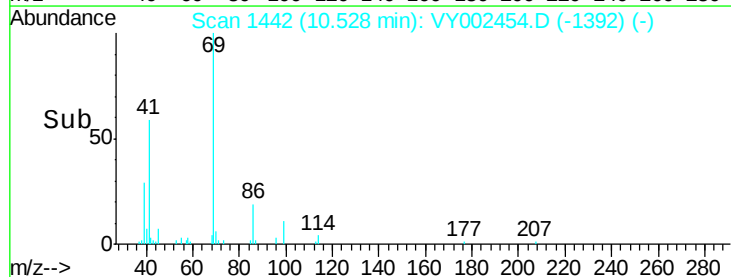
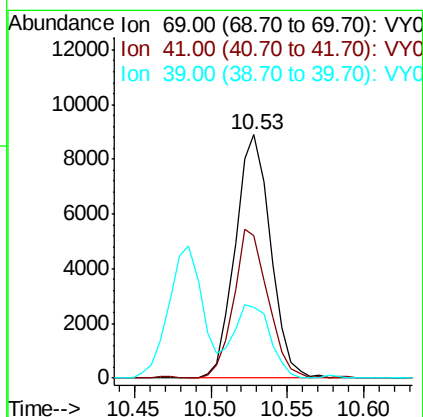
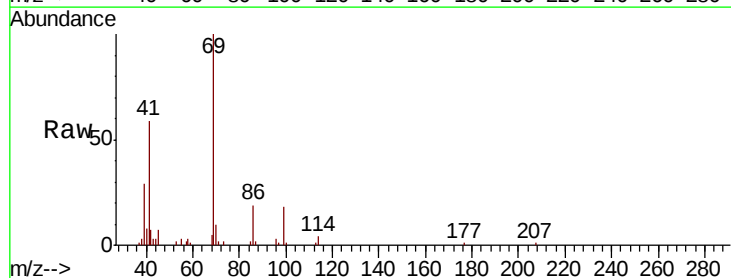
Instrument :
 MSVOA_Y
 ClientSampleId :

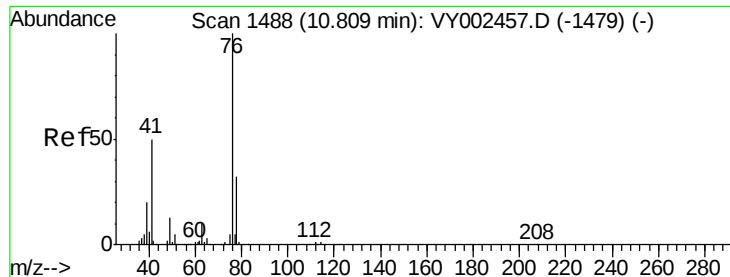
Tot Ion:	97	Resp:	10733
Ion	Ratio	Lower	Upper
97	100		
83	90.6	63.8	95.8
85	52.1	43.9	65.9
99	63.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 5.116 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

Tgt Ion:	69	Resp:	14277
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.5	71.3
39	31.8	25.7	38.5





#57

1,3-Dichloropropane

Concen: 5.158 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

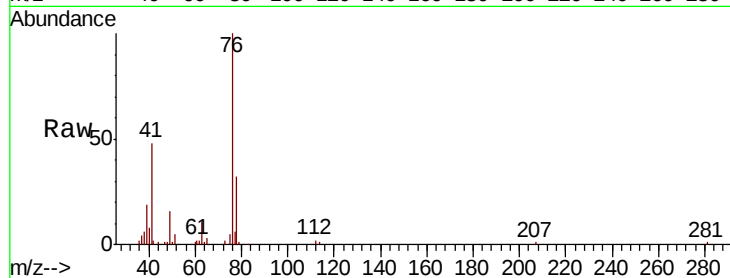
ClientSampled :

Tot Ion: 76 Resp: 17961

Ion Ratio Lower Upper

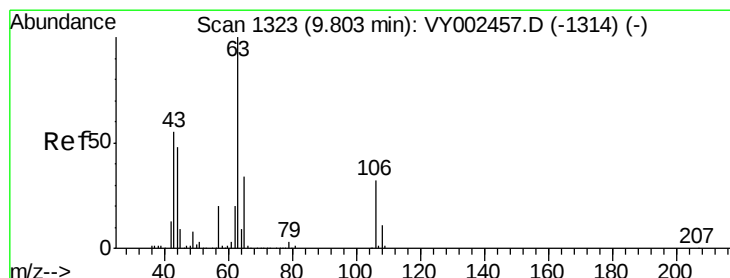
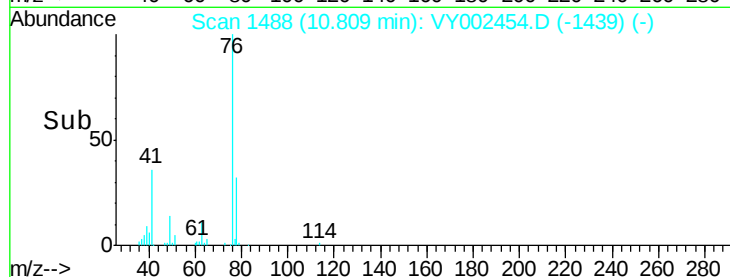
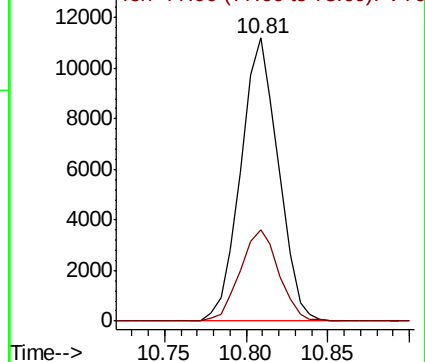
76 100

78 33.1 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 26.350 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VY002454.D

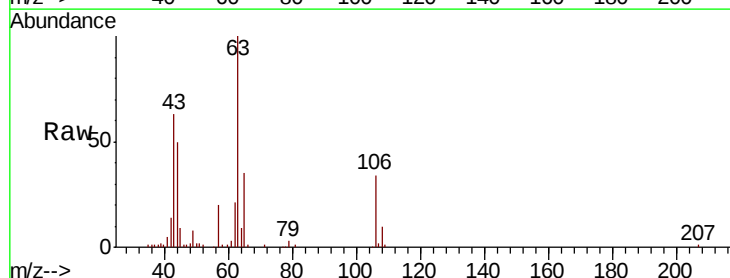
Acq: 23 Apr 2020 10:52

Tgt Ion: 63 Resp: 35918

Ion Ratio Lower Upper

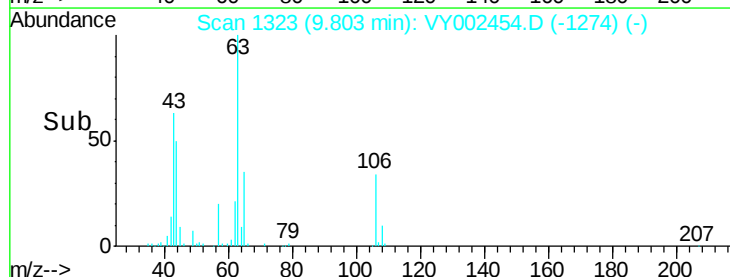
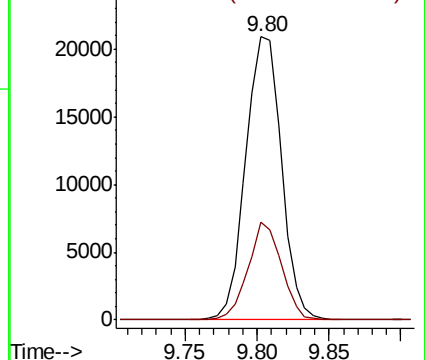
63 100

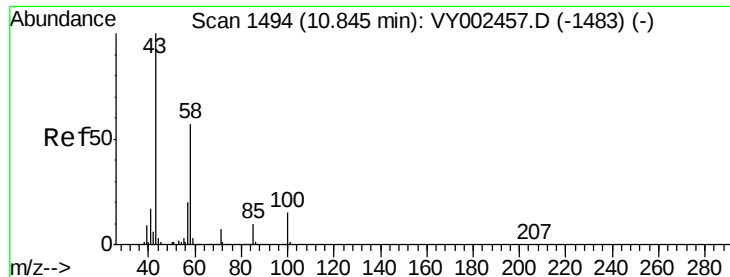
106 32.1 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 25.535 ug/l

RT: 10.85 min Scan# 1495

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

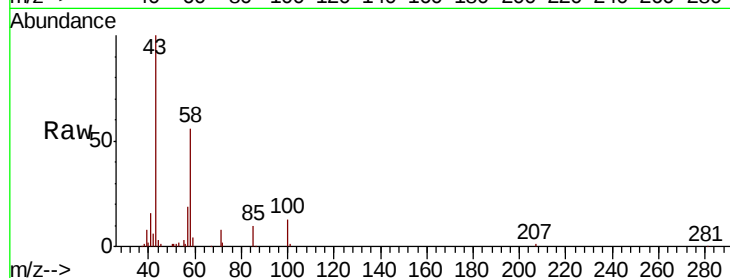
ClientSampleId :

Tot Ion: 43 Resp: 30388

Ion Ratio Lower Upper

43 100

58 56.8 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1483) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-1483) (-)

10.85

20000

15000

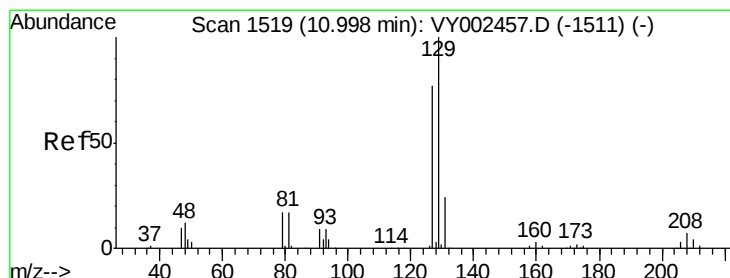
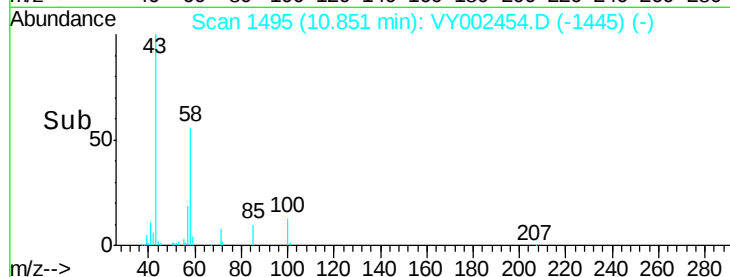
10000

5000

0

Time-->

10.80 10.85 10.90



#60

Dibromochloromethane

Concen: 5.194 ug/l

RT: 11.00 min Scan# 1520

Delta R.T. 0.01 min

Lab File: VY002454.D

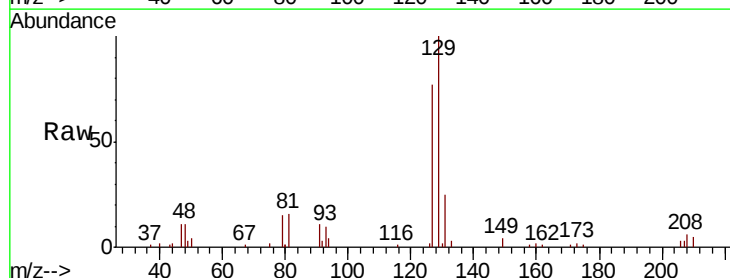
Acq: 23 Apr 2020 10:52

Tgt Ion: 129 Resp: 13971

Ion Ratio Lower Upper

129 100

127 76.7 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): VY002457.D (-1511) (-)

Ion 126.80 (126.50 to 127.50): VY002457.D (-1511) (-)

11.00

8000

6000

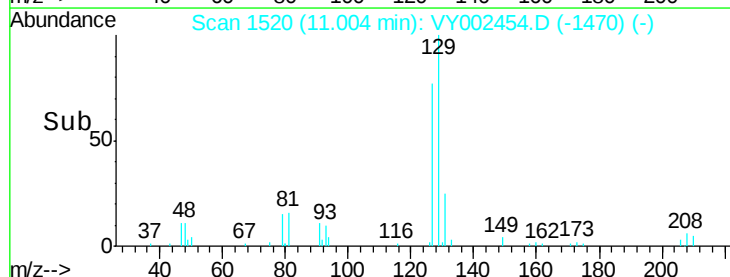
4000

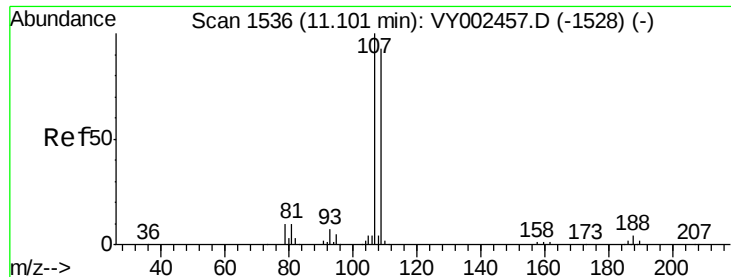
2000

0

Time-->

10.95 11.00 11.05

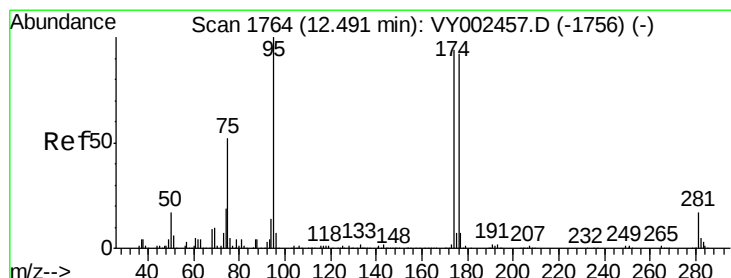
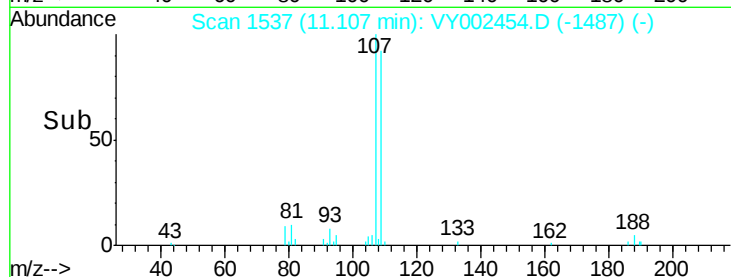
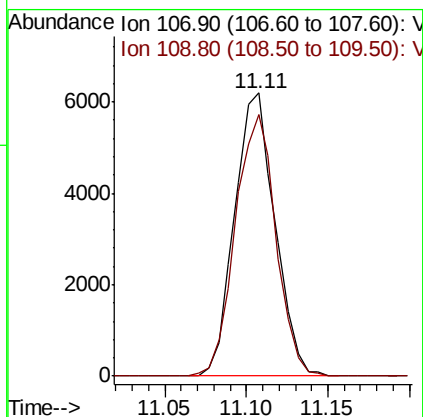
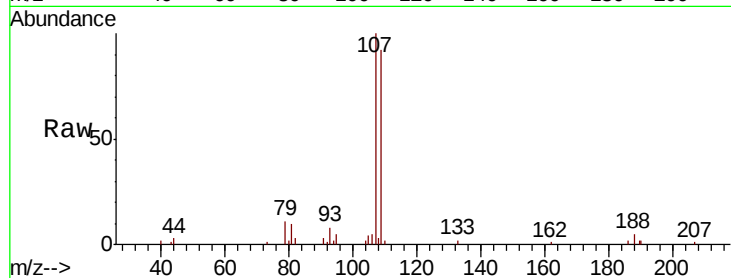




#61
 1,2-Dibromoethane
 Concen: 5.232 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

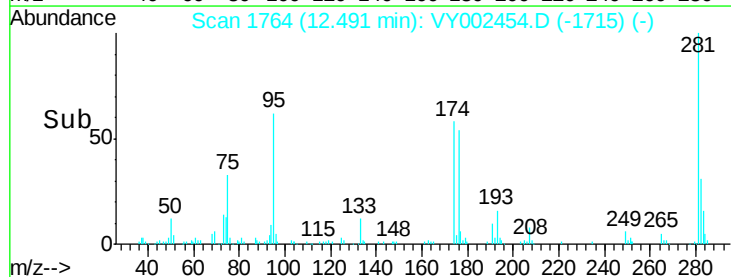
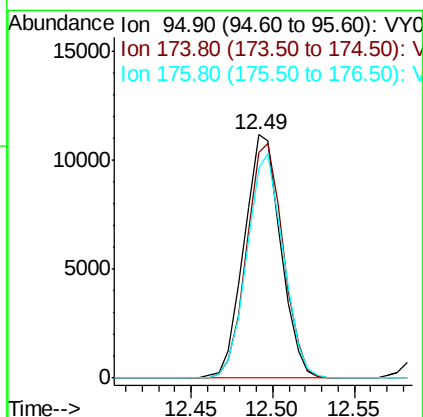
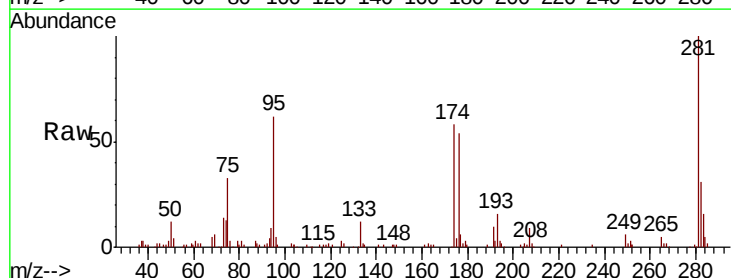
Instrument :
 MSVOA_Y
 ClientSampleId :

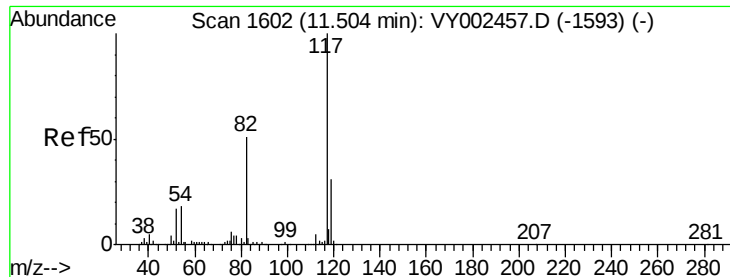
Tot Ion:107 Resp: 10685
 Ion Ratio Lower Upper
 107 100
 109 92.2 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 5.457 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

Tgt Ion: 95 Resp: 17521
 Ion Ratio Lower Upper
 95 100
 174 95.7 0.0 193.0
 176 91.4 0.0 190.4

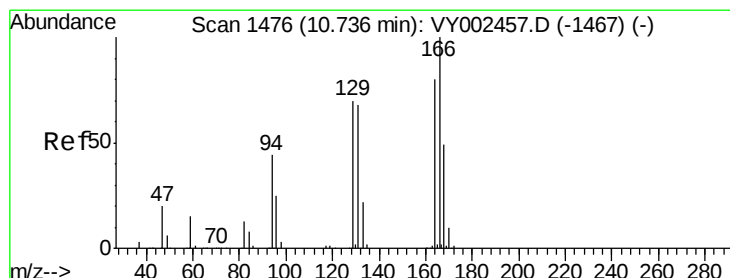
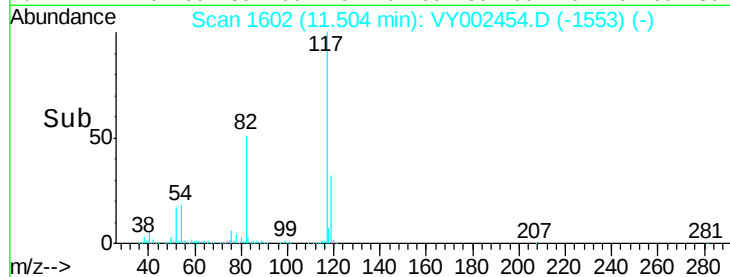
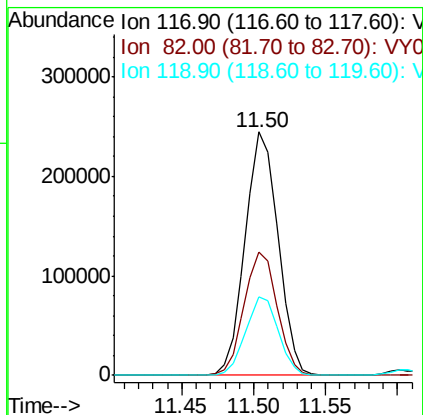
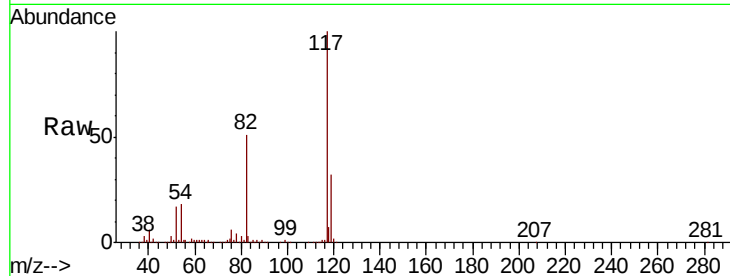




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

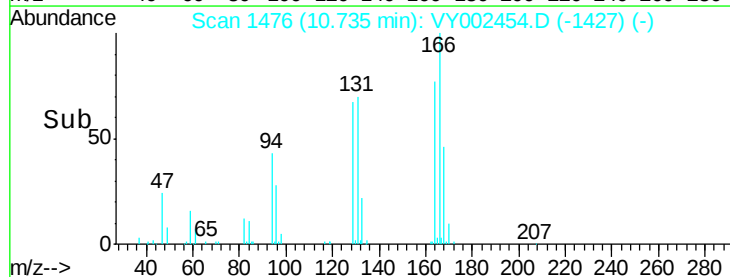
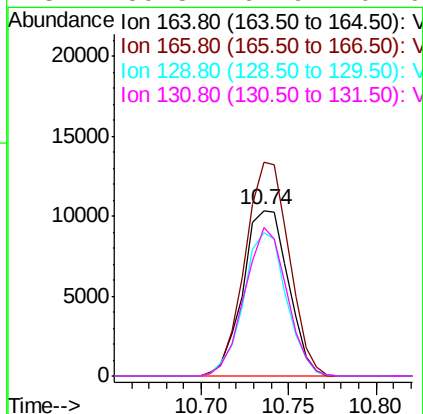
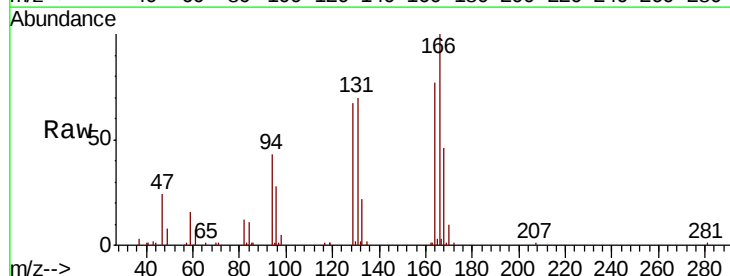
Instrument :
MSVOA_Y
ClientSampleId :

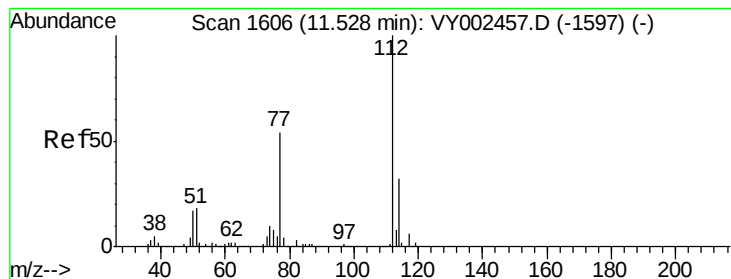
Tot Ion:117 Resp: 388014
Ion Ratio Lower Upper
117 100
82 50.7 40.8 61.2
119 32.3 25.2 37.8



#64
Tetrachloroethene
Concen: 5.221 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion:164 Resp: 18628
Ion Ratio Lower Upper
164 100
166 129.1 100.0 150.0
129 86.9 69.8 104.8
131 89.8 67.9 101.9





#65

Chlorobenzene

Concen: 5.164 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

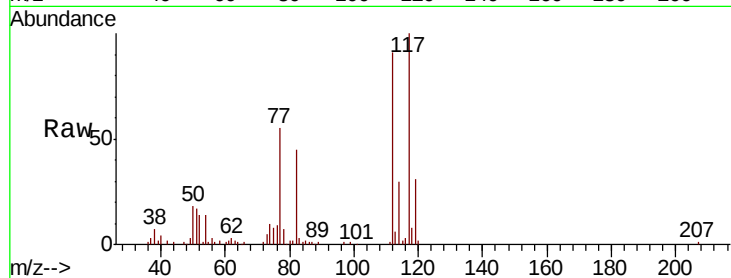
ClientSampleId :

Tot Ion:112 Resp: 38606

Ion Ratio Lower Upper

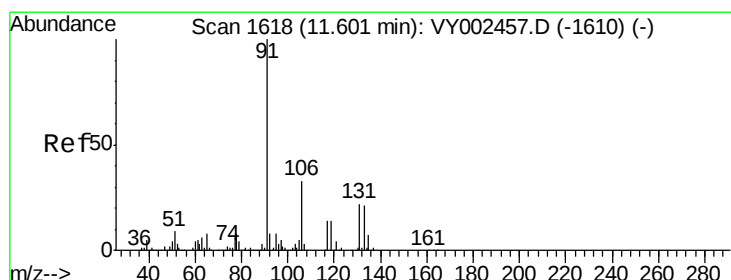
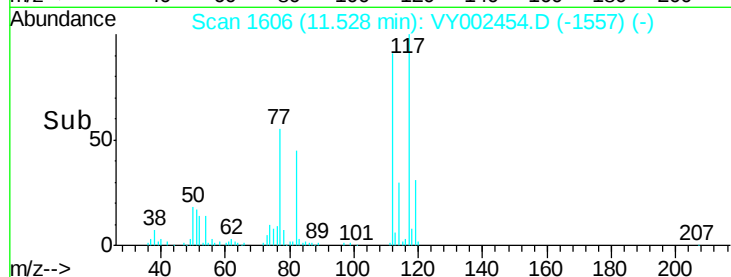
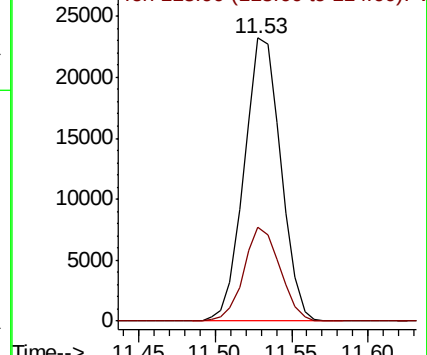
112 100

114 33.1 25.7 38.5



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: 4.983 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

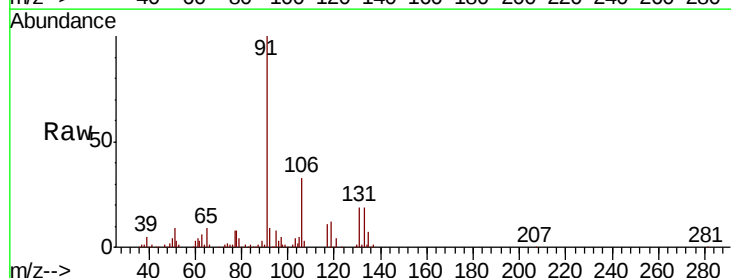
Tgt Ion:131 Resp: 13898

Ion Ratio Lower Upper

131 100

133 99.7 47.8 143.4

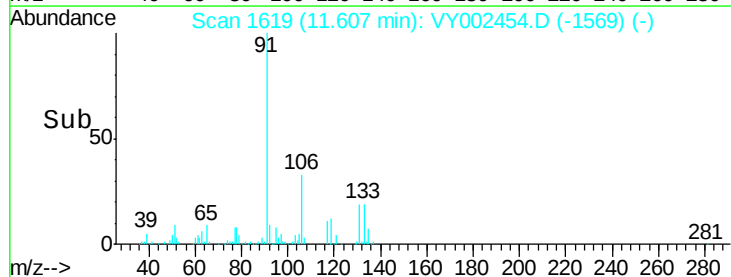
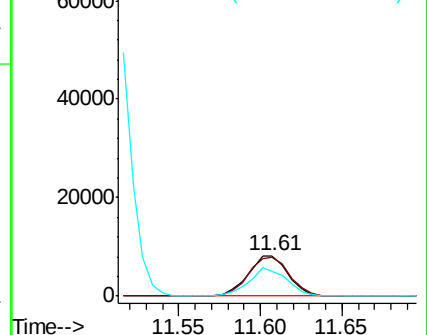
119 66.9 31.1 93.3

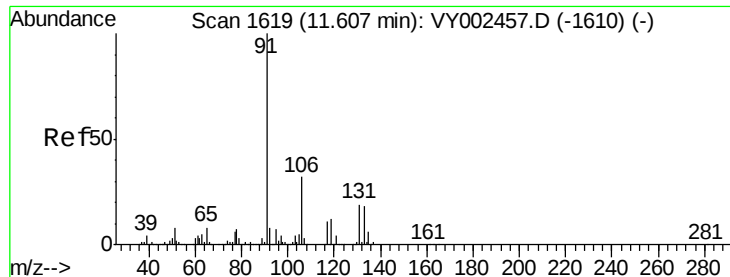


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

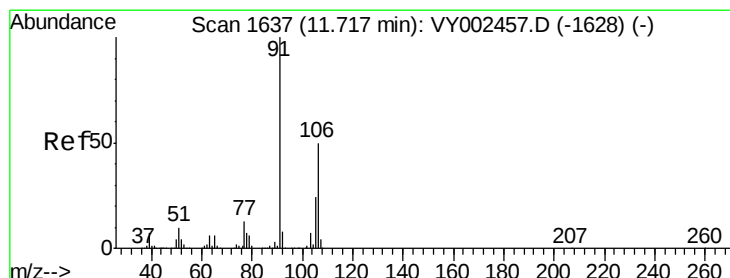
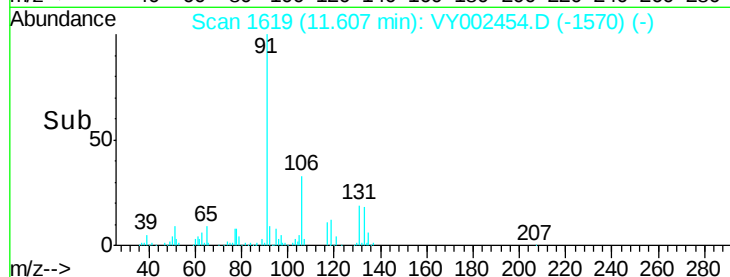
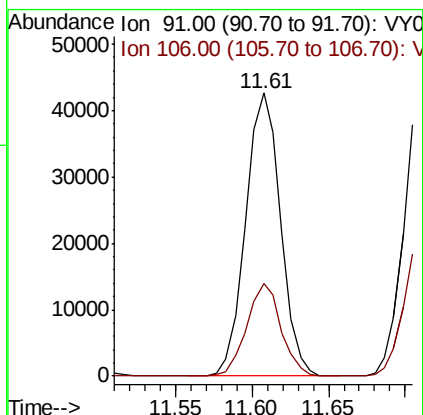
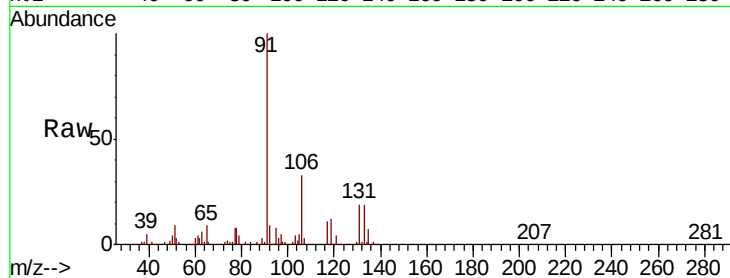




#67
Ethyl Benzene
Concen: 5.092 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

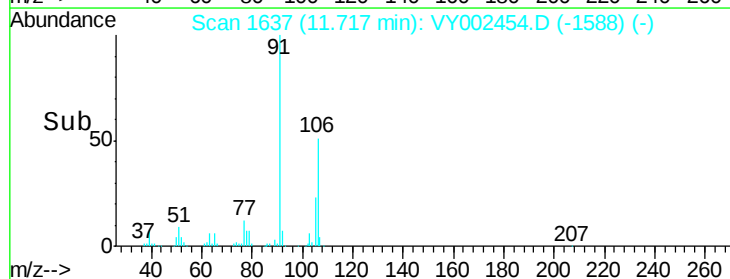
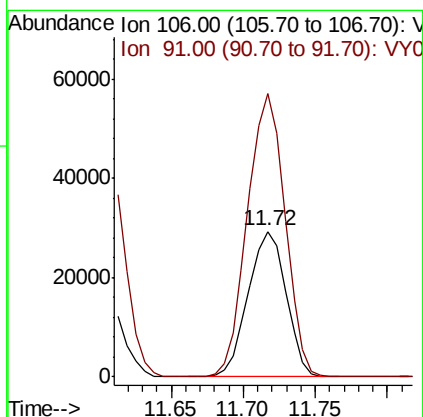
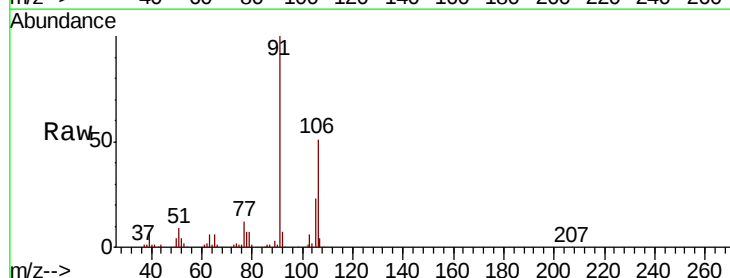
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 67540
Ion Ratio Lower Upper
91 100
106 32.8 25.8 38.6



#68
m/p-Xylenes
Concen: 10.423 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion: 106 Resp: 53254
Ion Ratio Lower Upper
106 100
91 193.6 159.8 239.6

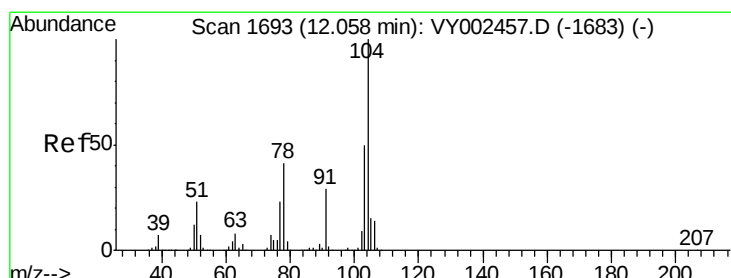
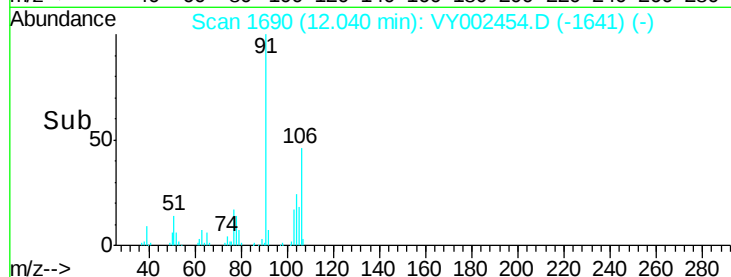
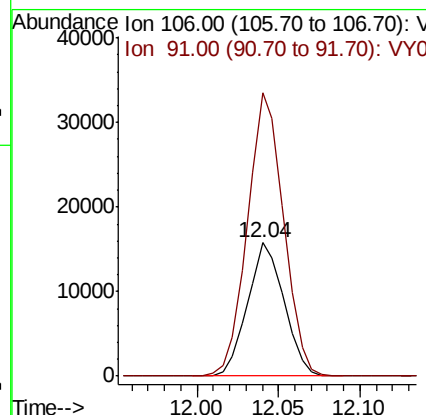
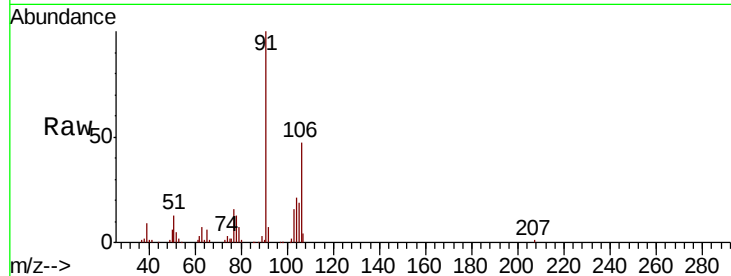




#69
o-Xylene
Concen: 5.153 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

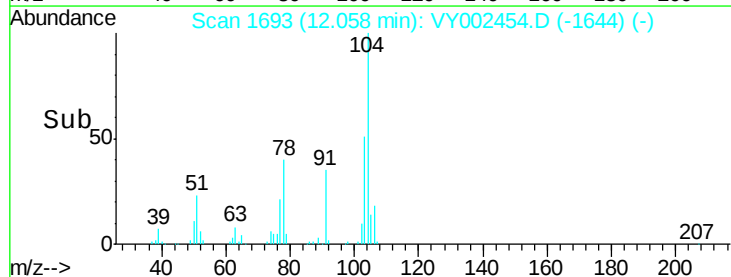
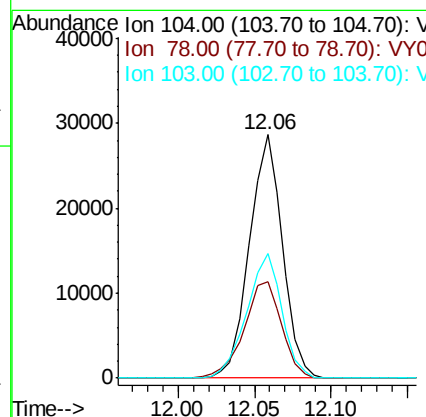
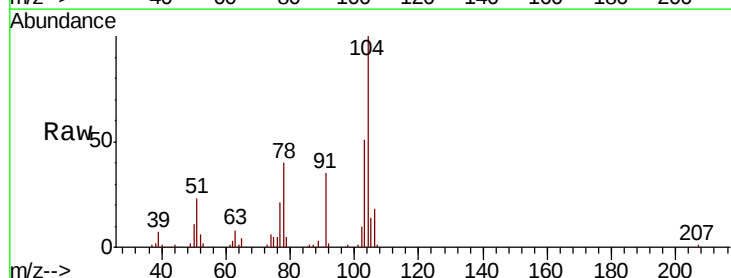
Instrument :
MSVOA_Y
ClientSampleId :

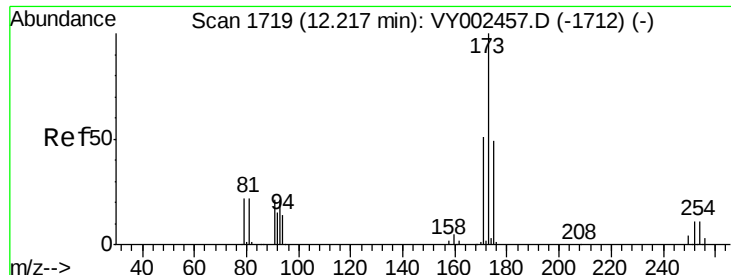
Tot Ion:106 Resp: 24659
Ion Ratio Lower Upper
106 100
91 209.7 104.5 313.3



#70
Styrene
Concen: 5.182 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion:104 Resp: 43026
Ion Ratio Lower Upper
104 100
78 45.0 38.0 57.0
103 54.6 44.4 66.6

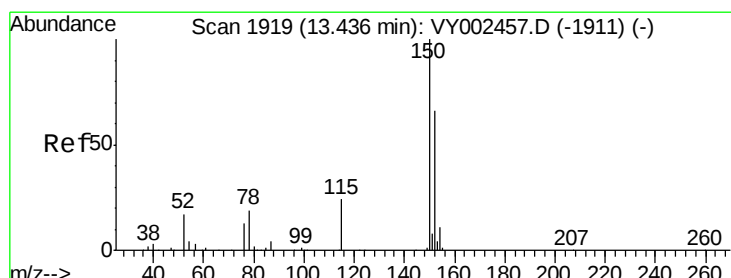
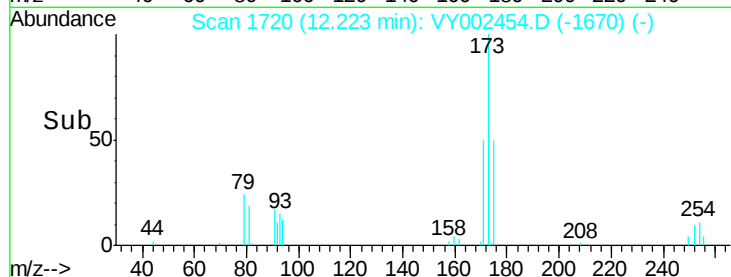
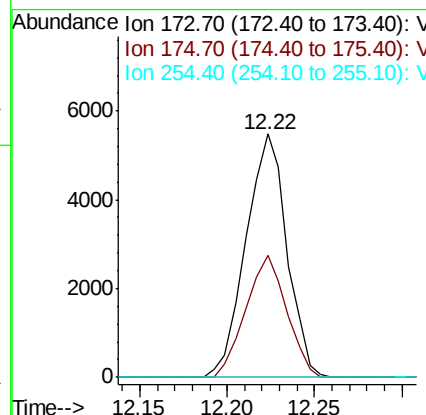
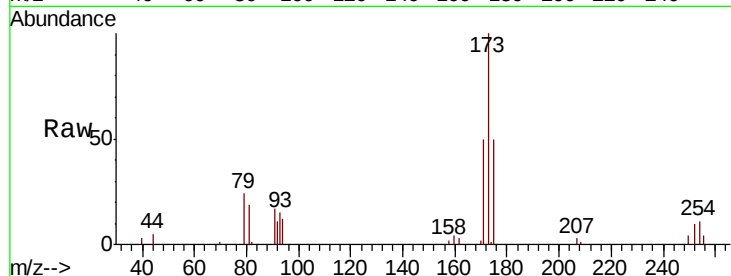




#71
Bromoform
Concen: 5.094 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

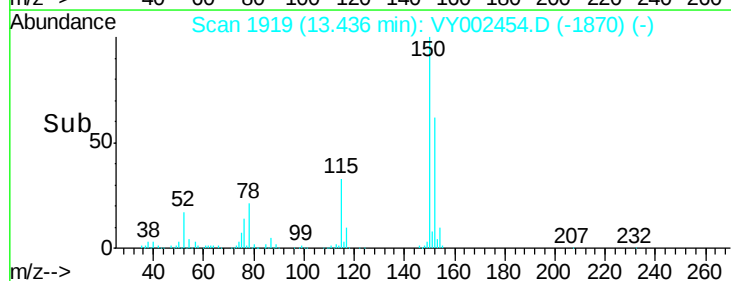
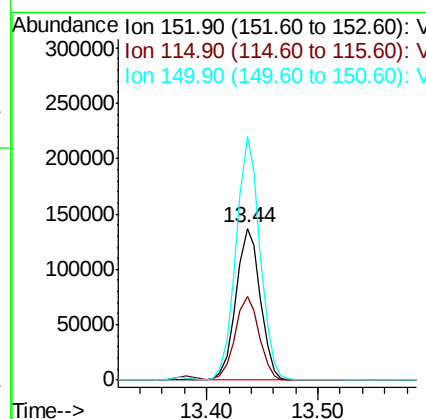
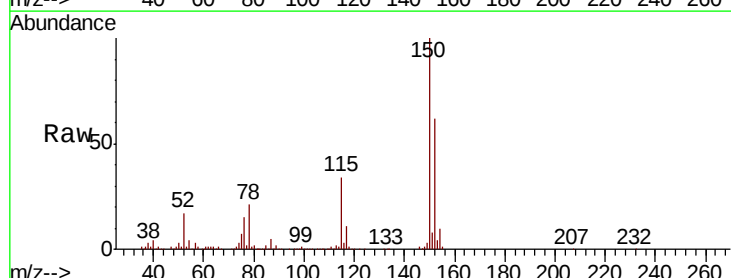
Instrument :
MSVOA_Y
ClientSampleId :

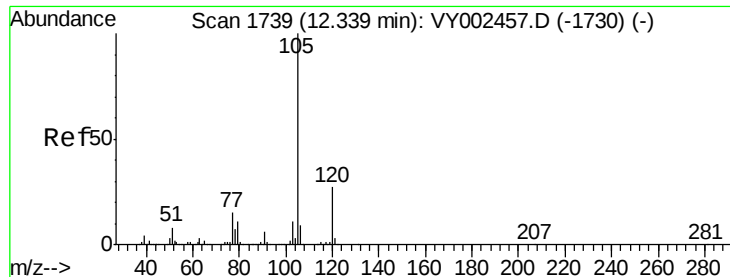
Tot Ion:173 Resp: 8894
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion:152 Resp: 206911
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.8
150 158.1 0.0 346.8

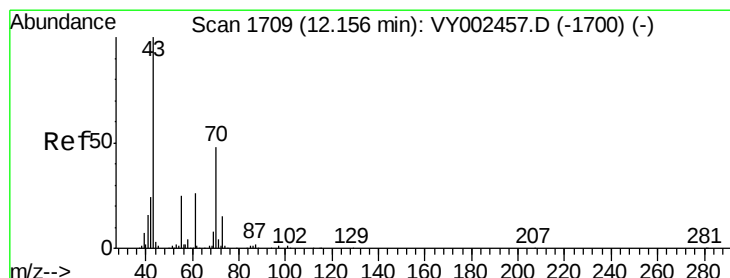
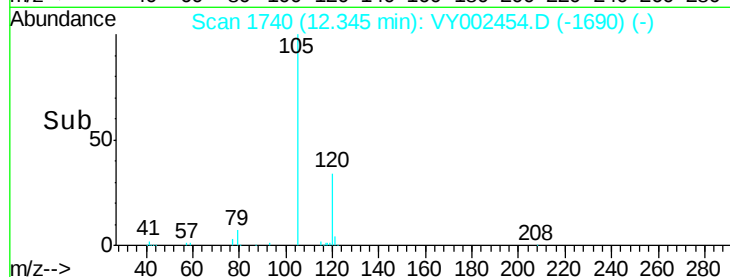
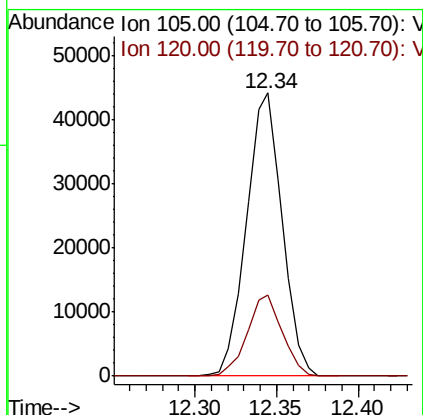
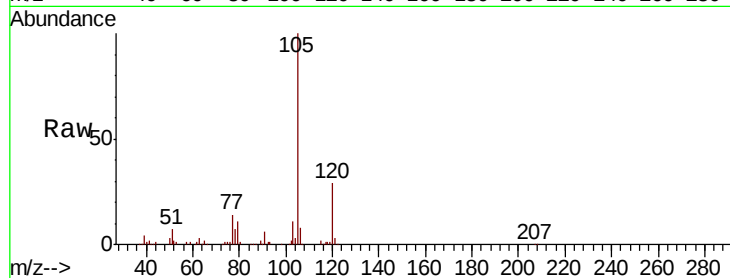




#73
Isopropylbenzene
Concen: 5.009 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

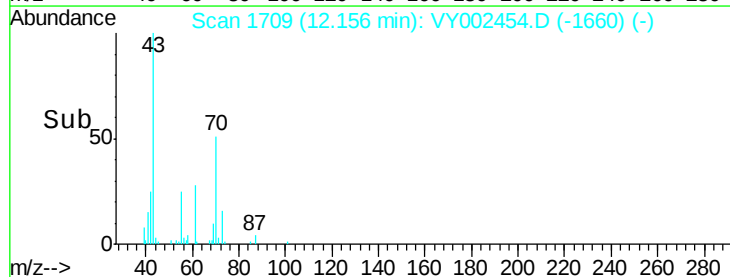
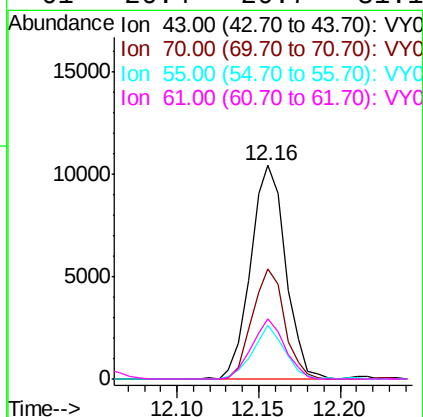
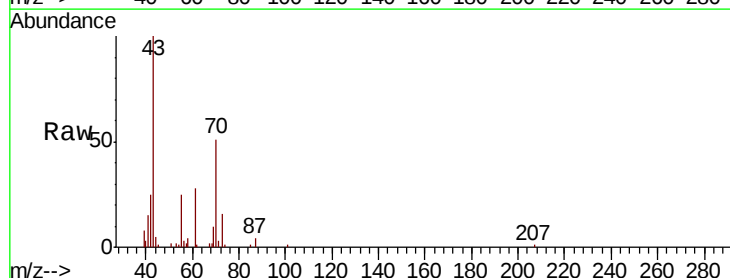
Instrument :
MSVOA_Y
ClientSampleId :

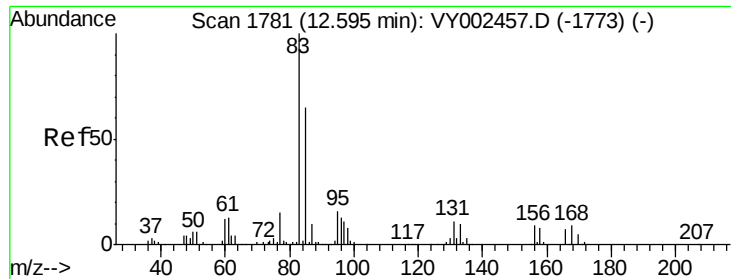
Tot Ion: 105 Resp: 67184
Ion Ratio Lower Upper
105 100
120 28.4 13.6 40.7



#74
N-ethyl acetate
Concen: 4.966 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion: 43 Resp: 15529
Ion Ratio Lower Upper
43 100
70 47.7 37.2 55.8
55 23.1 19.6 29.4
61 26.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.235 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

ClientSampled :

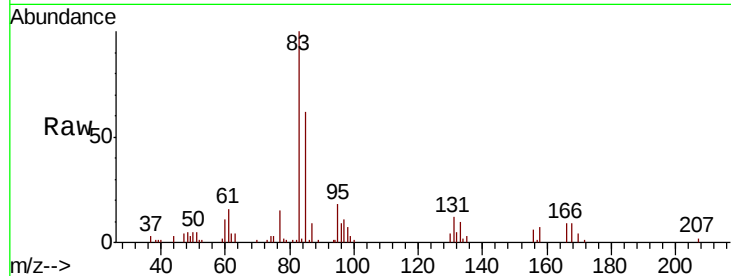
Tot Ion: 83 Resp: 10700

Ion Ratio Lower Upper

83 100

131 12.2 6.2 18.6

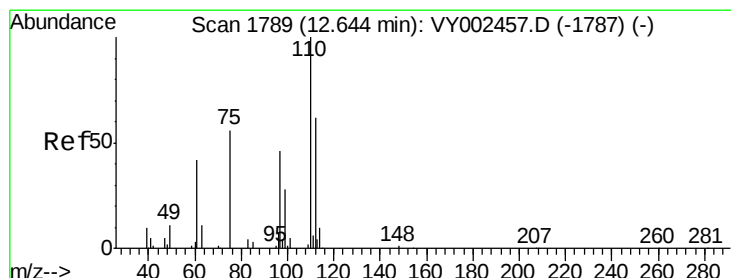
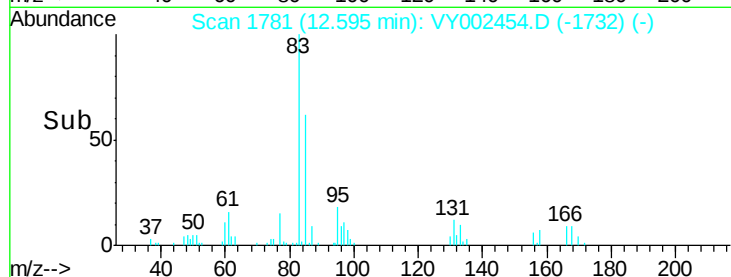
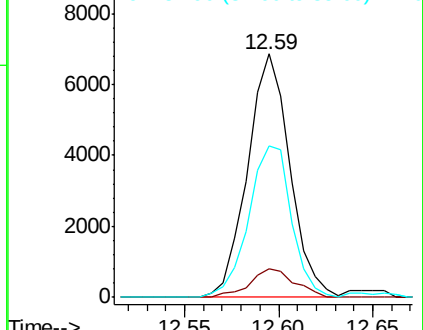
85 62.8 32.5 97.5



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: 5.707 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002454.D

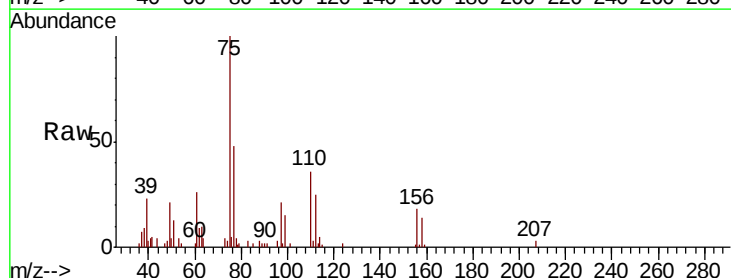
Acq: 23 Apr 2020 10:52

Tgt Ion: 75 Resp: 16305

Ion Ratio Lower Upper

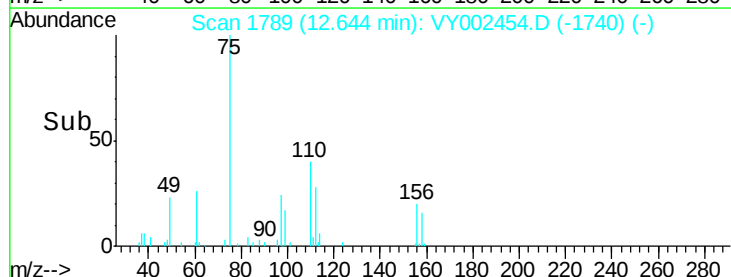
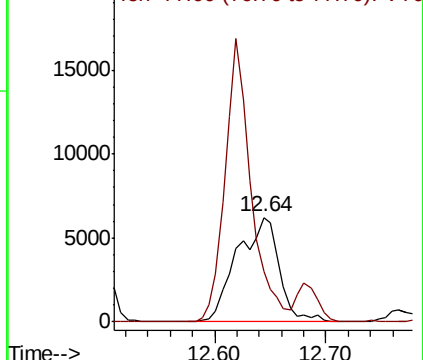
75 100

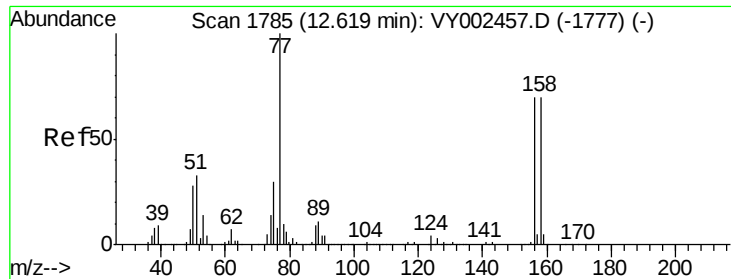
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 5.112 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

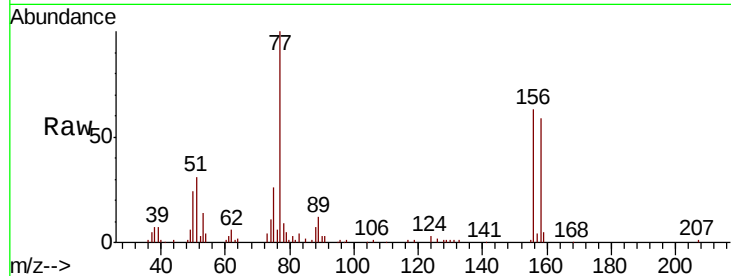
Tot Ion:156 Resp: 17204

Ion Ratio Lower Upper

156 100

77 158.8 78.5 235.7

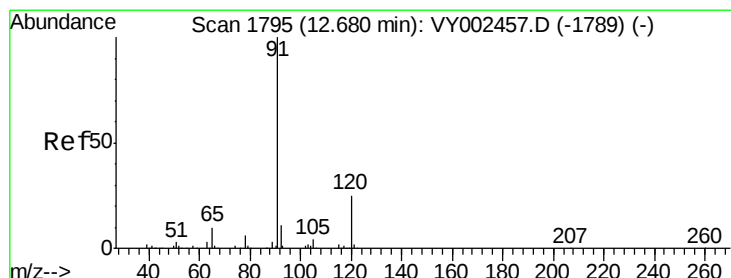
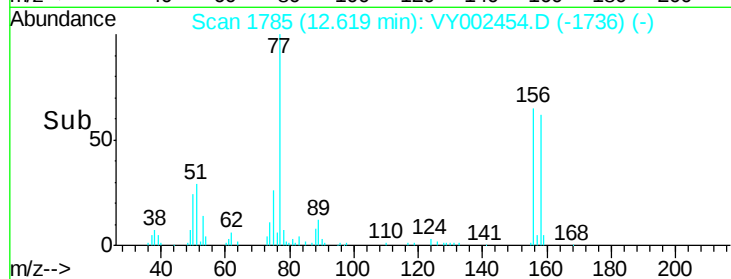
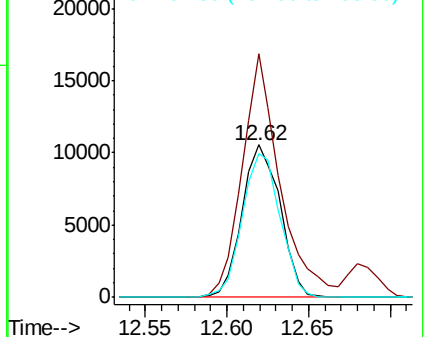
158 93.8 48.4 145.3



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: 5.072 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002454.D

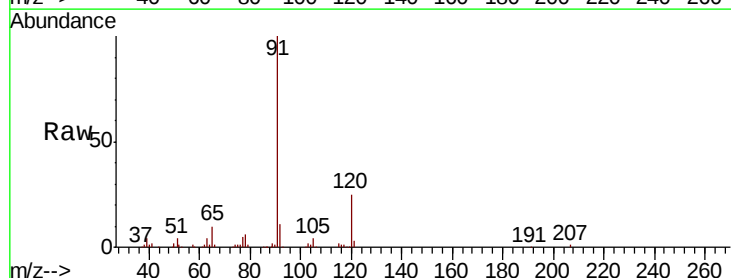
Acq: 23 Apr 2020 10:52

Tgt Ion: 91 Resp: 79195

Ion Ratio Lower Upper

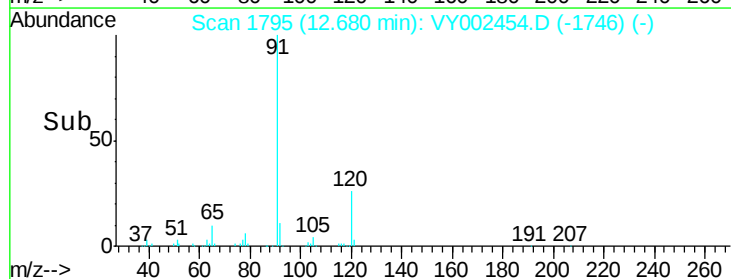
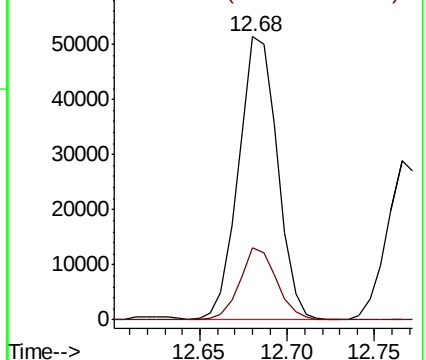
91 100

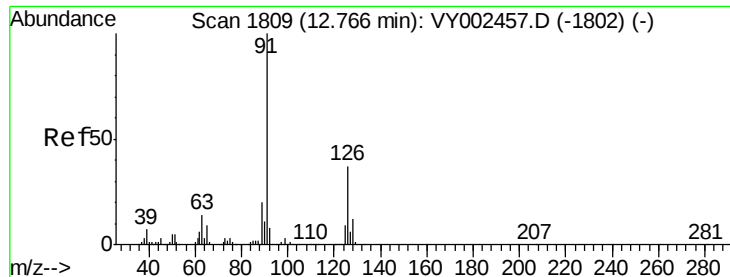
120 24.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

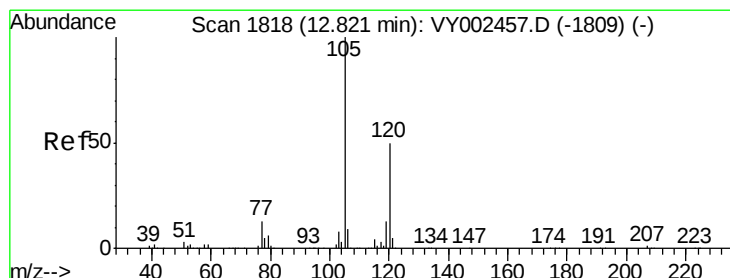
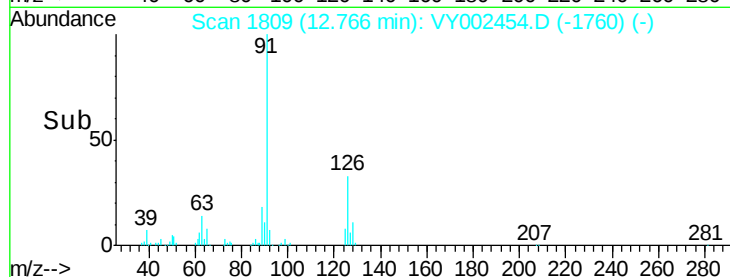
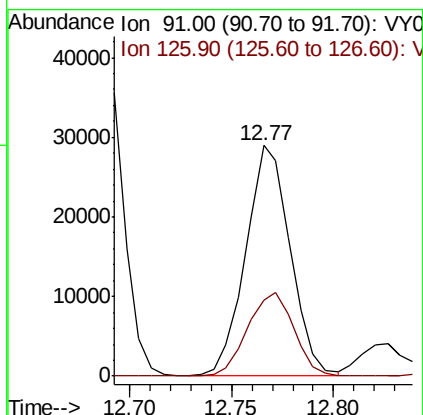
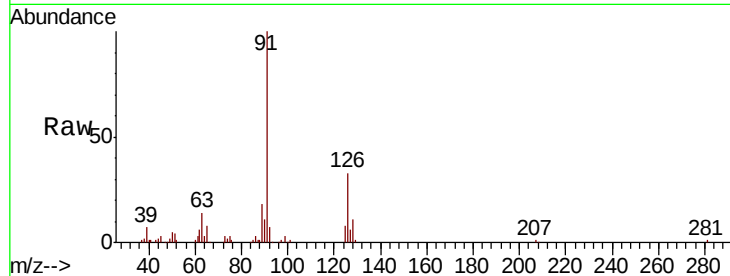




#79
2-Chlorotoluene
Concen: 5.180 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

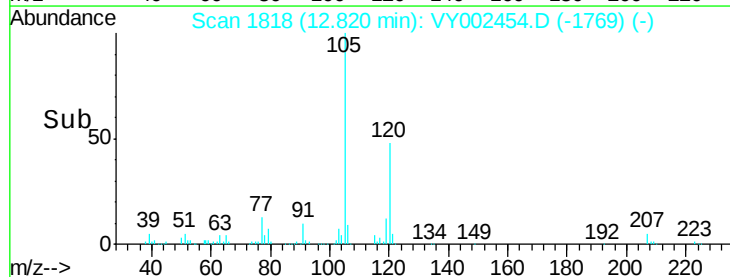
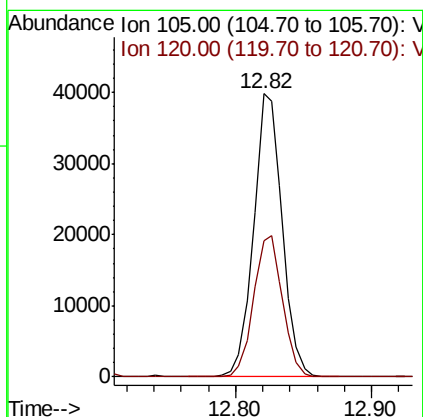
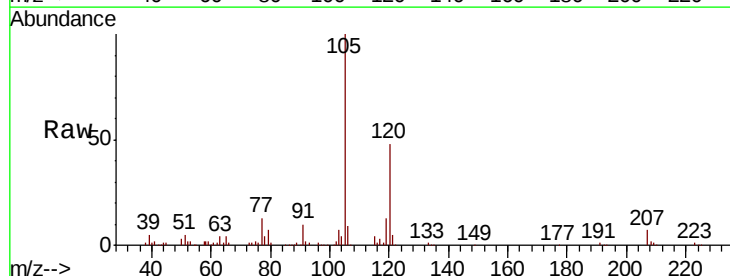
Instrument :
MSVOA_Y
ClientSampleId :

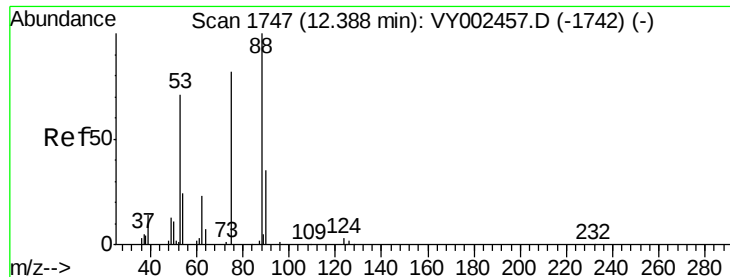
Tot Ion: 91 Resp: 44133
Ion Ratio Lower Upper
91 100
126 37.5 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 5.140 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion:105 Resp: 58708
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 5.147 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

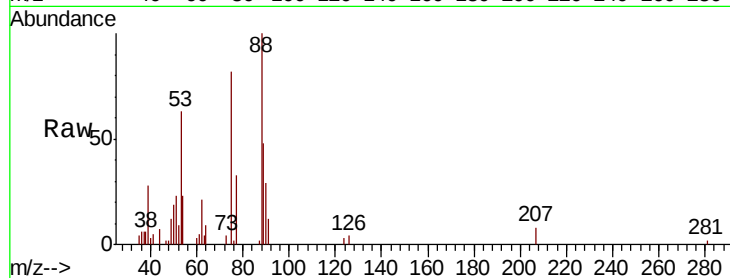
Tot Ion: 75 Resp: 4680

Ion Ratio Lower Upper

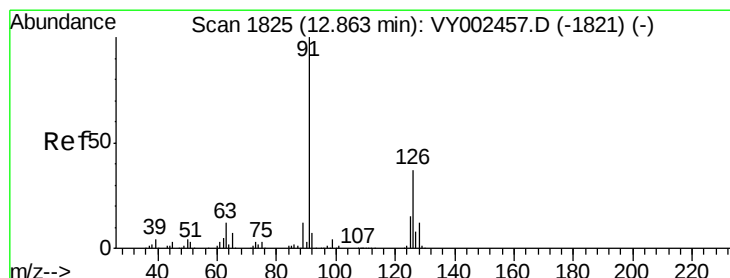
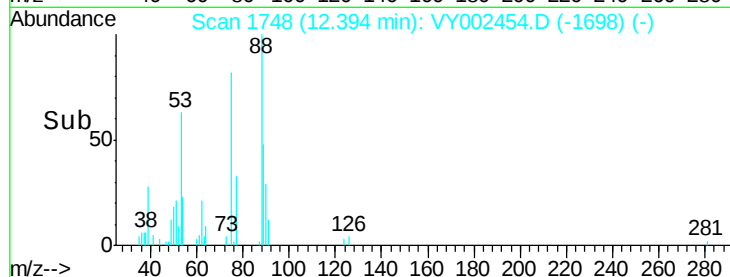
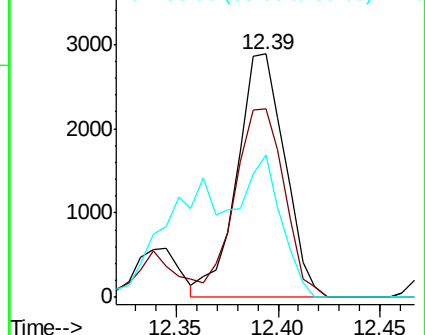
75 100

53 80.0 70.0 105.0

89 46.9 34.9 52.3



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: 5.194 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002454.D

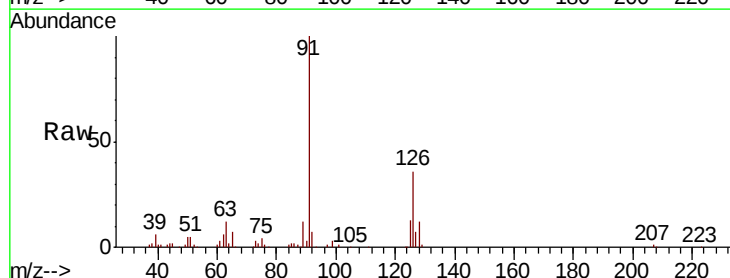
Acq: 23 Apr 2020 10:52

Tgt Ion: 91 Resp: 46686

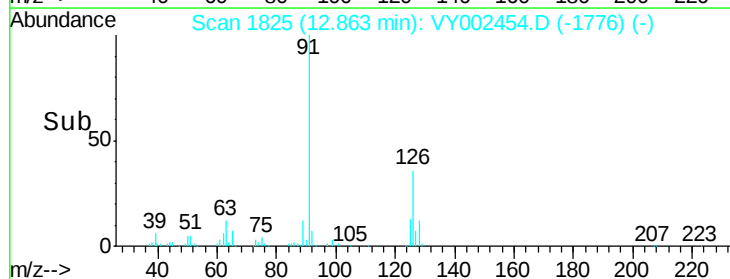
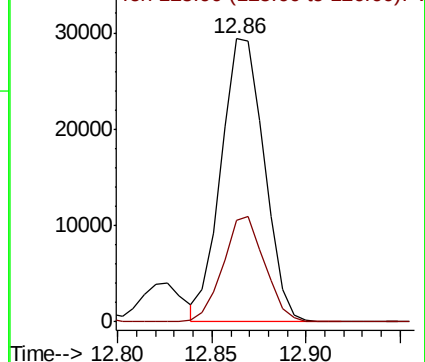
Ion Ratio Lower Upper

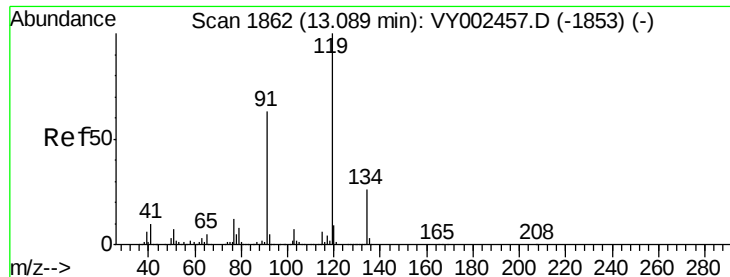
91 100

126 36.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

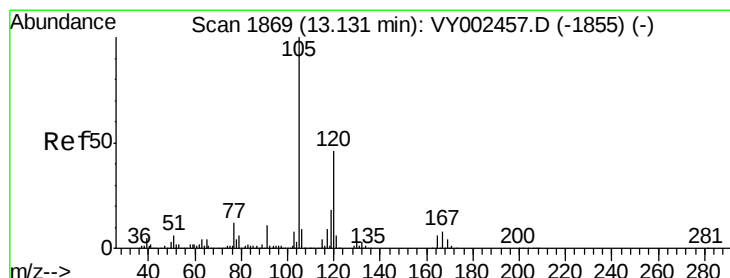
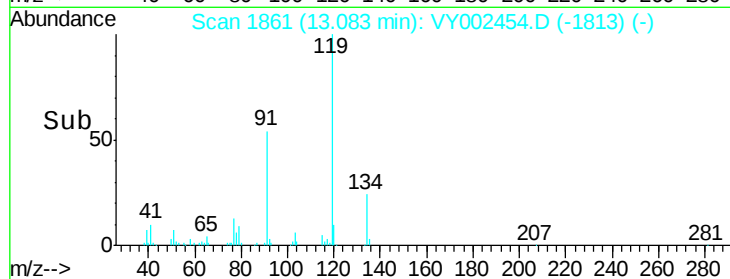
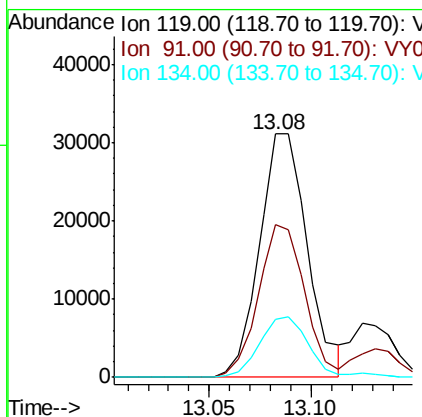
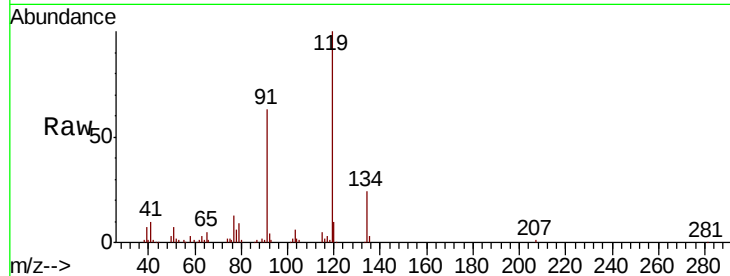




#83
 tert-Butylbenzene
 Concen: 5.079 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

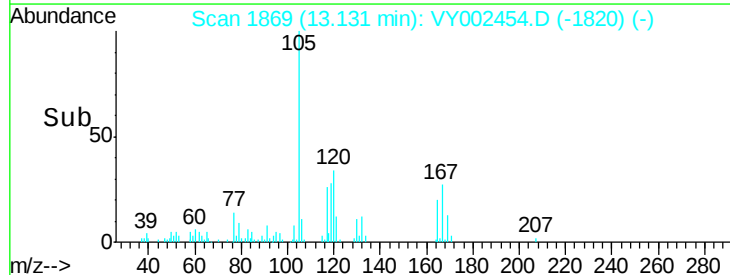
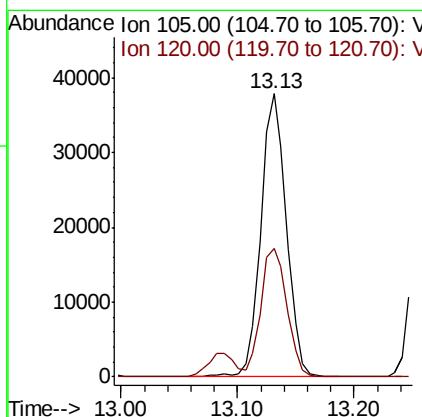
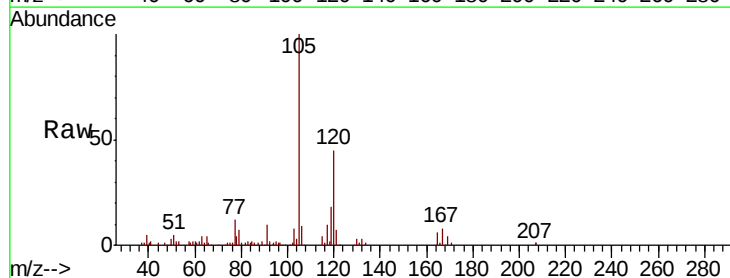
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 51071
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.8 92.3
 134 25.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 5.019 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

Tgt Ion:105 Resp: 57138
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 5.113 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

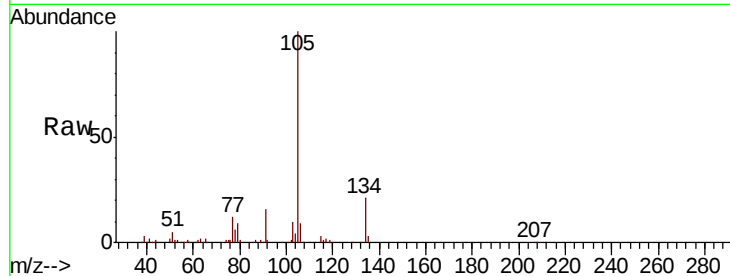
ClientSampled :

Tot Ion:105 Resp: 70205

Ion Ratio Lower Upper

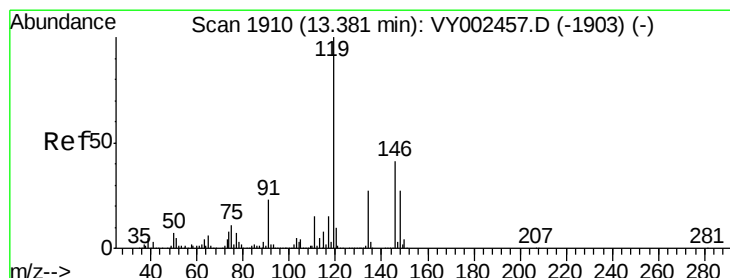
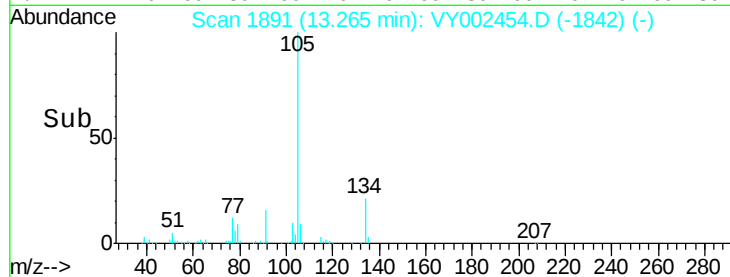
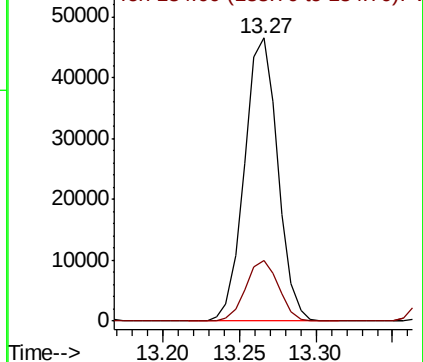
105 100

134 21.3 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.100 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

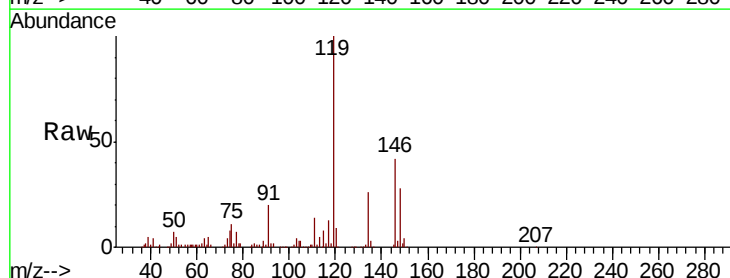
Tgt Ion:119 Resp: 66280

Ion Ratio Lower Upper

119 100

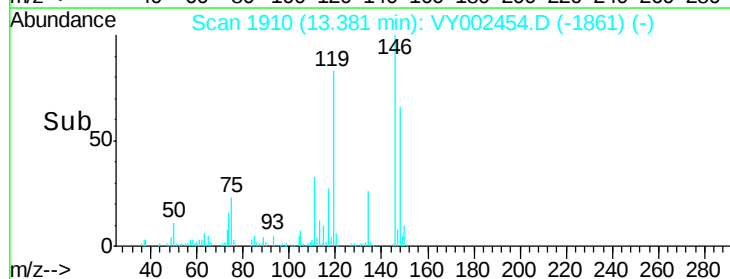
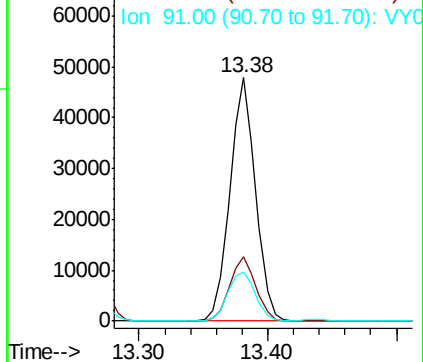
134 26.7 13.5 40.5

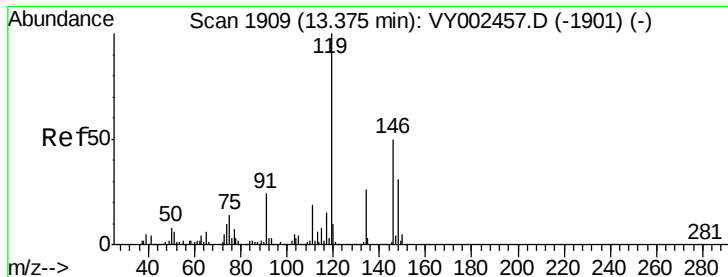
91 21.9 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V





#87

1,3-Dichlorobenzene

Concen: 5.136 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

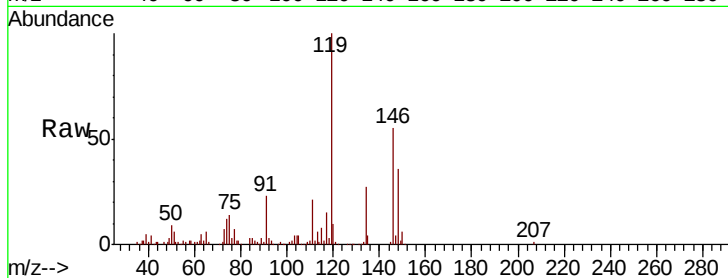
Tot Ion:146 Resp: 33001

Ion Ratio Lower Upper

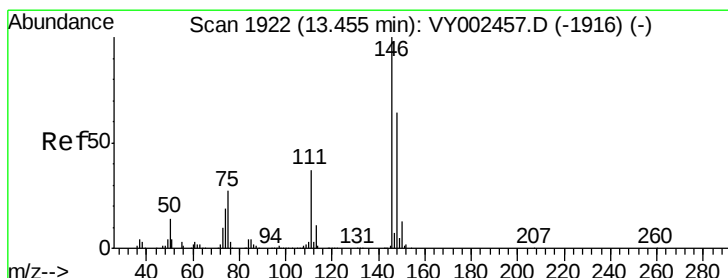
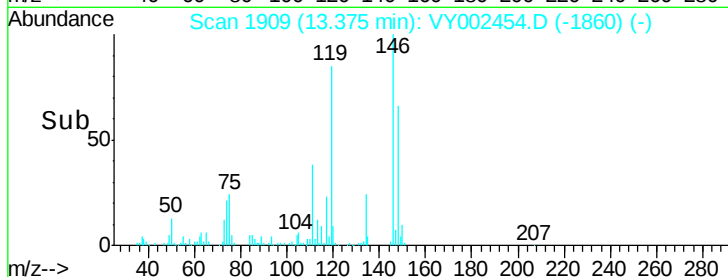
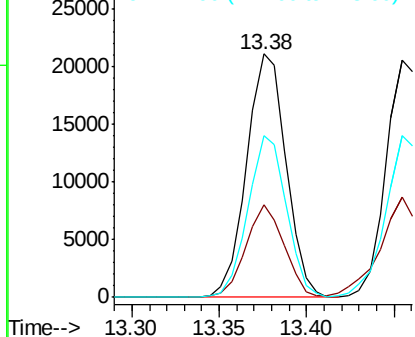
146 100

111 37.1 18.8 56.3

148 64.9 32.0 96.0



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: 5.144 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

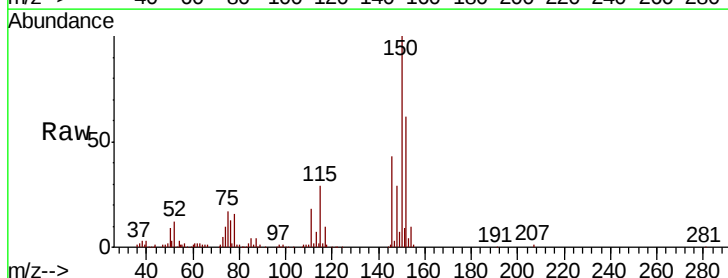
Tgt Ion:146 Resp: 32731

Ion Ratio Lower Upper

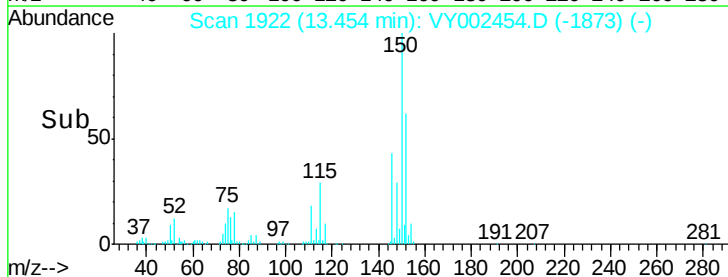
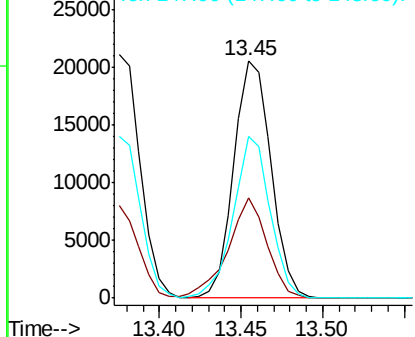
146 100

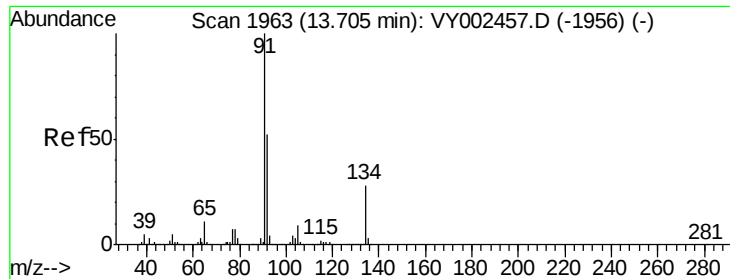
111 44.0 18.1 54.1

148 67.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

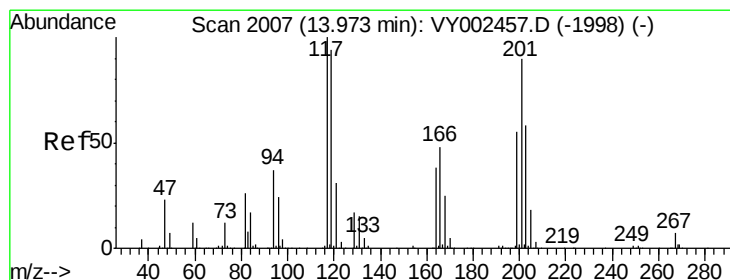
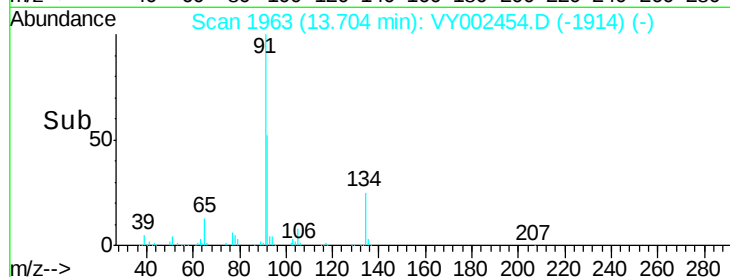
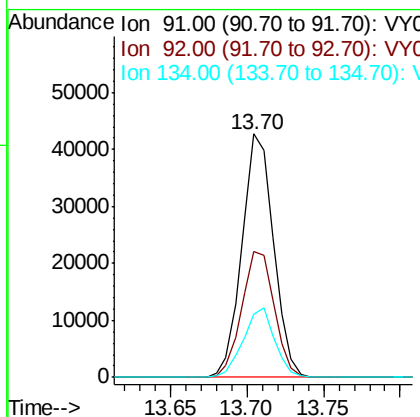
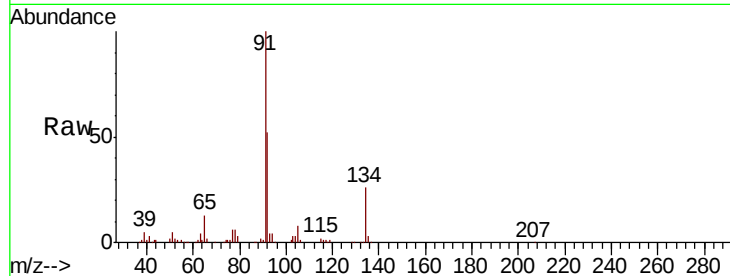




#89
n-Butylbenzene
Concen: 5.157 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

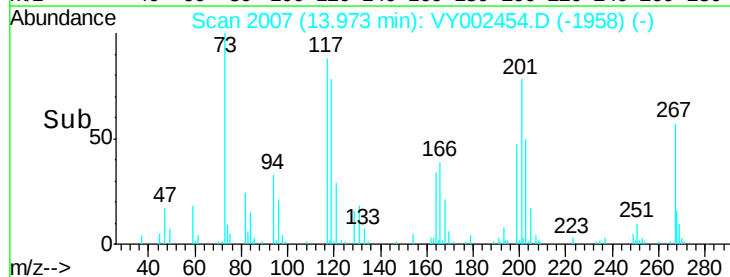
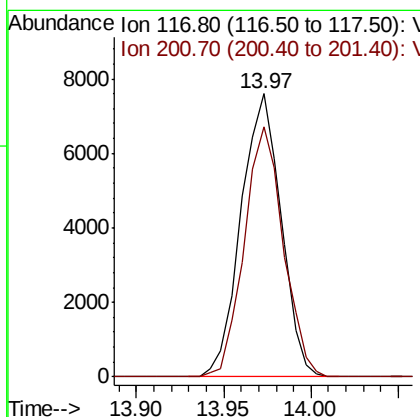
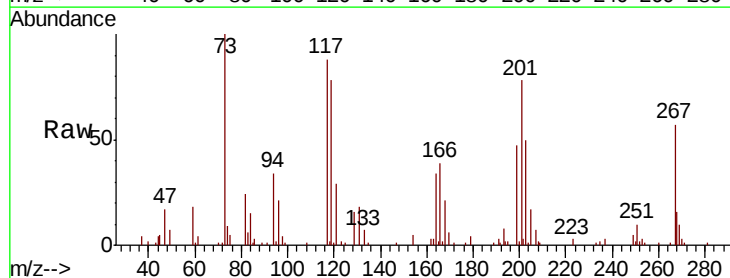
Instrument :
MSVOA_Y
ClientSampled :

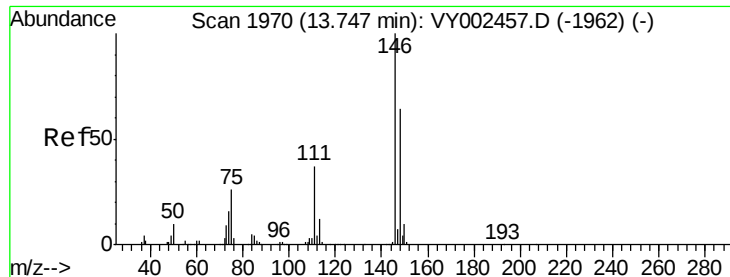
Tot Ion: 91 Resp: 61299
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.4
134 28.4 14.3 42.9



#90
Hexachloroethane
Concen: 5.212 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY002454.D
Acq: 23 Apr 2020 10:52

Tgt Ion: 117 Resp: 12104
Ion Ratio Lower Upper
117 100
201 86.1 44.4 133.1

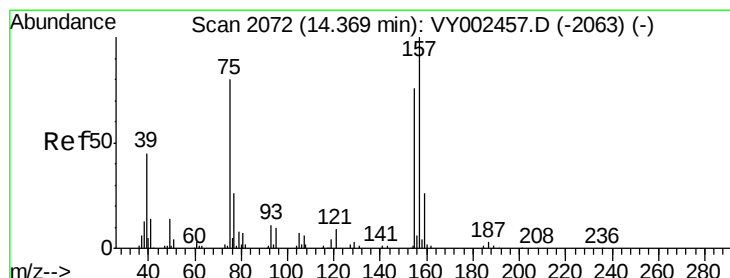
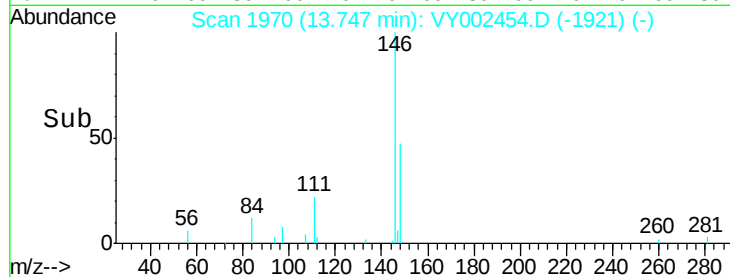
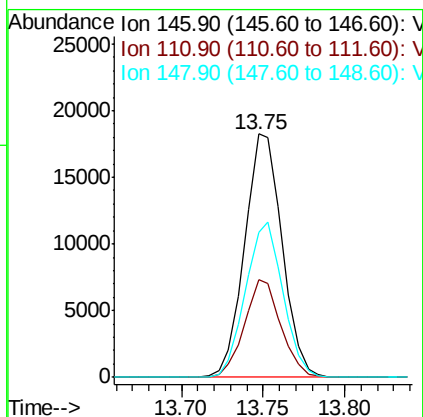
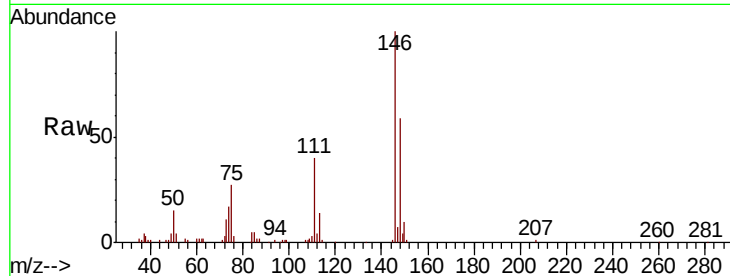




#91
 1,2-Dichlorobenzene
 Concen: 5.072 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

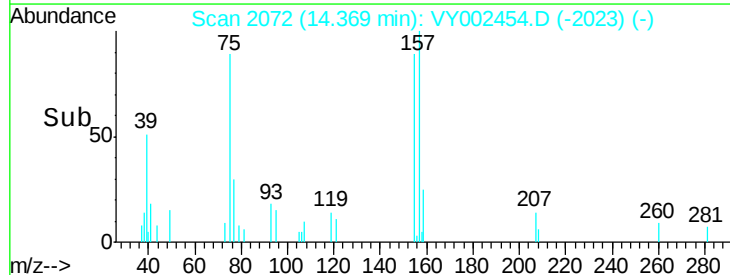
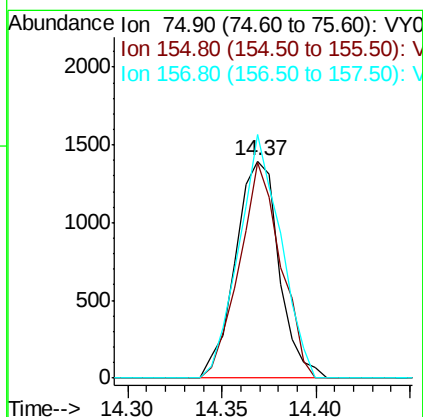
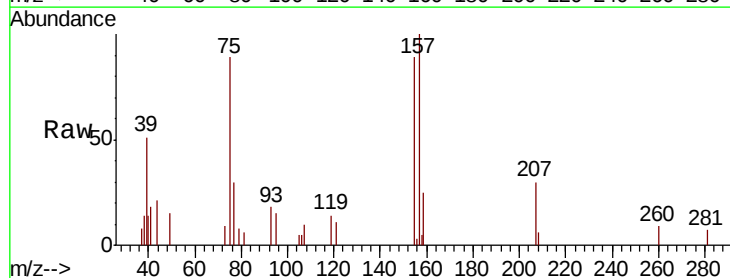
Instrument :
 MSVOA_Y
 ClientSampleId :

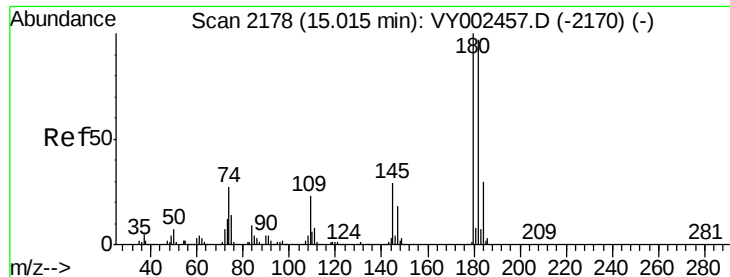
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.9	56.9
148	64.0	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.533 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	49.6	149.0
157	107.5	62.6	187.9

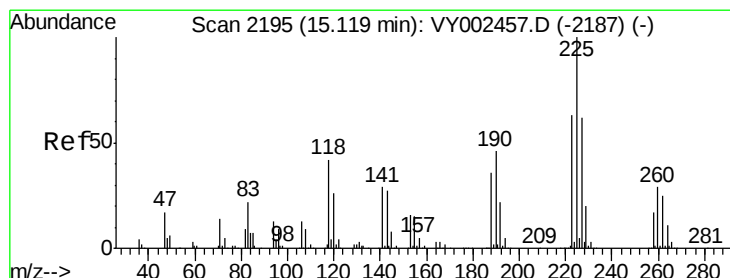
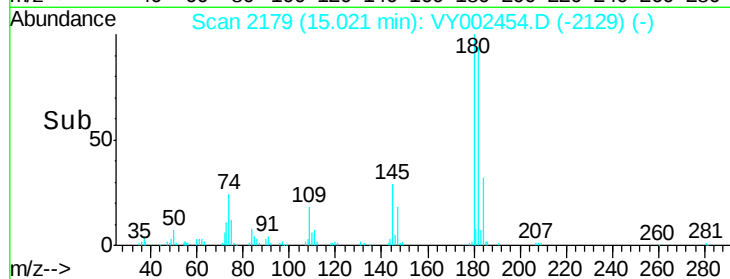
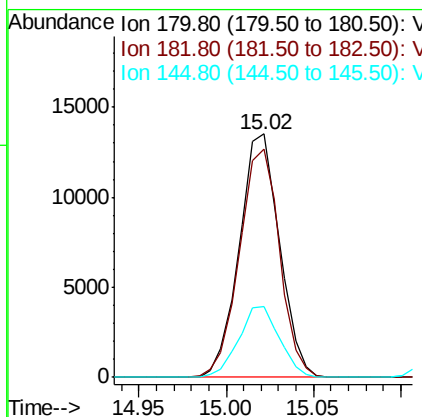
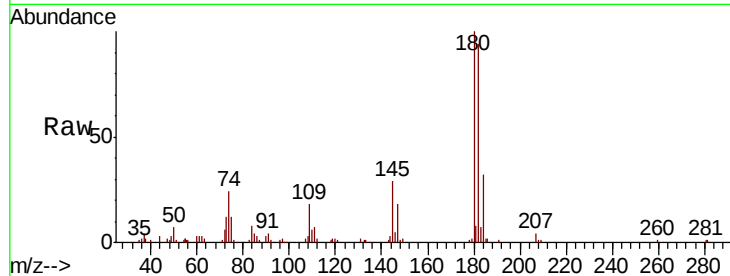




#93
 1,2,4-Trichlorobenzene
 Concen: 5.086 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

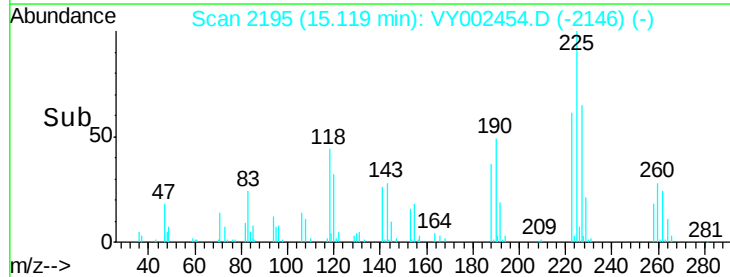
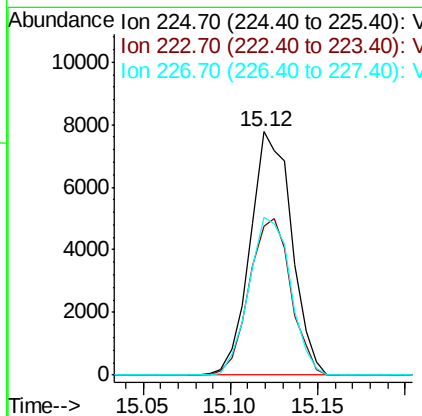
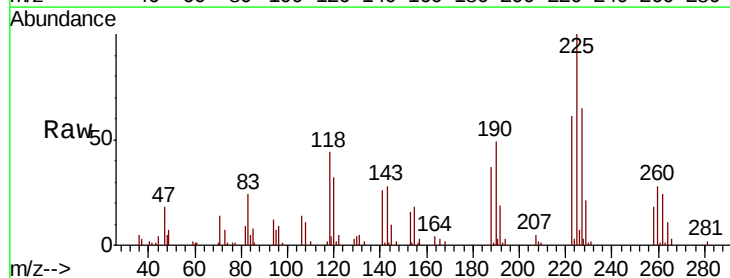
Instrument :
 MSVOA_Y
 ClientSampleId :

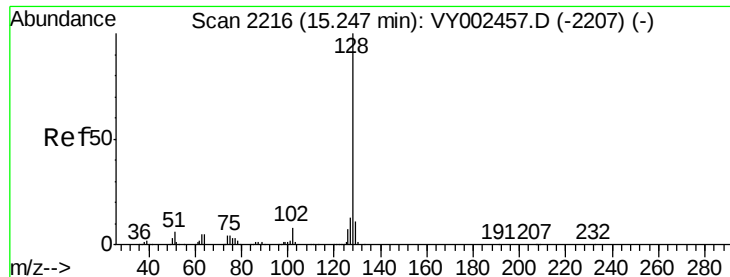
Tot Ion:180 Resp: 21658
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.9 143.7
 145 29.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 4.991 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002454.D
 Acq: 23 Apr 2020 10:52

Tgt Ion:225 Resp: 12921
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.1 93.3
 227 65.1 31.5 94.5





#95

Naphthalene

Concen: 5.008 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

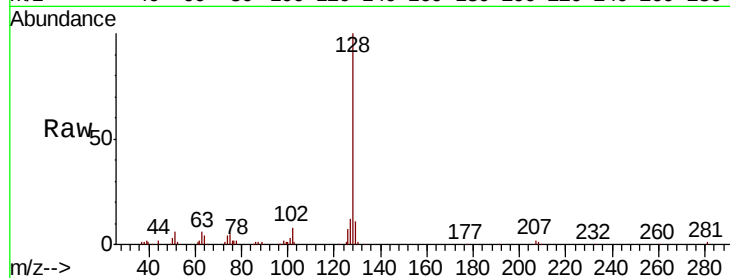
Tot Ion:128 Resp: 38758

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

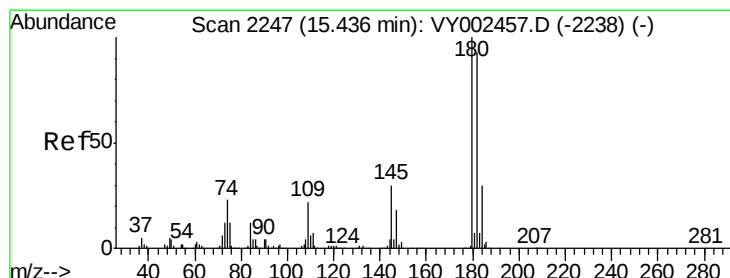
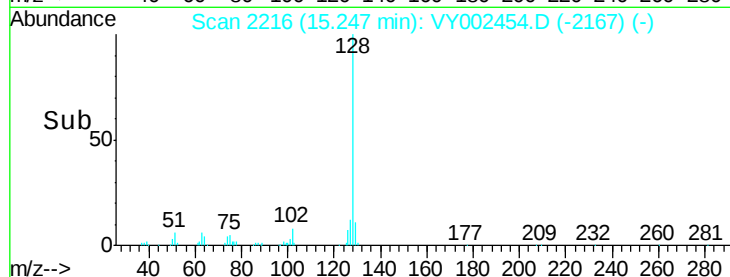
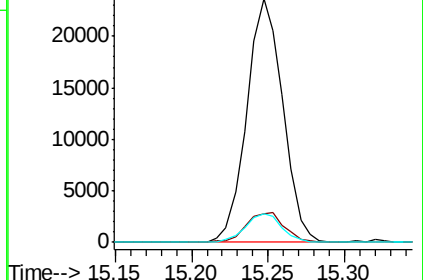
129 11.7 8.8 13.2



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: 4.979 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. -0.00 min

Lab File: VY002454.D

Acq: 23 Apr 2020 10:52

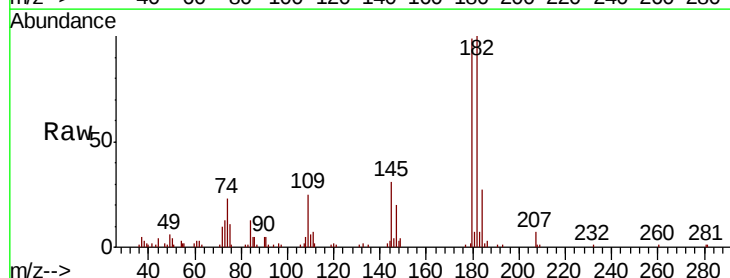
Tgt Ion:180 Resp: 17864

Ion Ratio Lower Upper

180 100

182 96.8 47.5 142.6

145 31.1 15.3 45.9



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

