

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002278.D
 Acq On : 13 Apr 2020 14:32
 Operator : SY/MD
 Sample : VY0413SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 02:16:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	173352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	314983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	129830	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	92713	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
35) Dibromofluoromethane	7.74	113	94320	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	10.19	98	393689	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.49	95	133710	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	32179	18.367	ug/l	100
3) Chloromethane	2.12	50	41792	18.953	ug/l	99
4) Vinyl Chloride	2.26	62	43958	18.730	ug/l	98
5) Bromomethane	2.65	94	27368	18.883	ug/l	97
6) Chloroethane	2.80	64	25770	19.039	ug/l	95
7) Trichlorofluoromethane	3.14	101	59864	19.751	ug/l	98
8) Diethyl Ether	3.54	74	25899	20.100	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	42283	20.537	ug/l	96
10) Methyl Iodide	4.11	142	46478	19.421	ug/l	97
11) Tert butyl alcohol	4.98	59	22852	89.822	ug/l	97
12) 1,1-Dichloroethene	3.89	96	43178	20.628	ug/l	95
13) Acrolein	3.75	56	21972	88.395	ug/l	100
14) Allyl chloride	4.50	41	67195	19.879	ug/l	99
15) Acrylonitrile	5.19	53	64237	97.488	ug/l	100
16) Acetone	3.97	43	48336	95.197	ug/l	100
17) Carbon Disulfide	4.21	76	137857	19.831	ug/l	99
18) Methyl Acetate	4.50	43	31102	19.748	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	108465	19.711	ug/l	99
20) Methylene Chloride	4.74	84	49293	19.752	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	46755	19.900	ug/l	96
22) Diisopropyl ether	6.14	45	136043	19.999	ug/l	96
23) Vinyl Acetate	6.08	43	426751	98.446	ug/l	100
24) 1,1-Dichloroethane	6.04	63	77691	20.080	ug/l	99
25) 2-Butanone	7.01	43	77790	96.809	ug/l	99
26) 2,2-Dichloropropane	7.00	77	62729	19.382	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	51293	20.027	ug/l	98
28) Bromochloromethane	7.35	49	35289	21.129	ug/l	98
29) Tetrahydrofuran	7.36	42	52449	98.745	ug/l	99
30) Chloroform	7.53	83	72818	19.965	ug/l	95
31) Cyclohexane	7.80	56	81704	20.118	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	60627	19.971	ug/l	99
36) 1,1-Dichloropropene	7.94	75	61959	19.970	ug/l	98
37) Ethyl Acetate	7.10	43	34109	19.244	ug/l	97
38) Carbon Tetrachloride	7.91	117	53231	20.058	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	85168	20.180	ug/l	95
40) Benzene	8.18	78	188594	20.035	ug/l	97
41) Methacrylonitrile	7.36	41	44944	42.985	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	45852	19.664	ug/l	100
43) Isopropyl Acetate	8.29	43	62570	19.357	ug/l	99
44) Trichloroethene	8.96	130	52980	19.144	ug/l	93
45) 1,2-Dichloropropane	9.23	63	45560	19.507	ug/l	92
46) Dibromomethane	9.32	93	24086	19.724	ug/l	99
47) Bromodichloromethane	9.51	83	55381	19.765	ug/l	93
48) Methyl methacrylate	9.30	41	28157	19.426	ug/l	100
49) 1,4-Dioxane	9.31	88	6701	387.923	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	168508	100.041	ug/l	100
52) Toluene	10.25	92	114588	20.199	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	60698	19.882	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	73508	20.028	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	36629	20.488	ug/l	98
56) Ethyl methacrylate	10.52	69	49997	19.594	ug/l	99
57) 1,3-Dichloropropane	10.80	76	61995	19.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	132113	99.981	ug/l	99
59) 2-Hexanone	10.84	43	113040	96.697	ug/l	99
60) Dibromochloromethane	10.99	129	38357	20.120	ug/l	99
61) 1,2-Dibromoethane	11.10	107	33821	19.871	ug/l	98
64) Tetrachloroethene	10.73	164	56984	20.290	ug/l	98
65) Chlorobenzene	11.52	112	117444	20.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	39051	20.484	ug/l	98
67) Ethyl Benzene	11.60	91	215551	20.391	ug/l	99
68) m/p-Xylenes	11.71	106	162397	41.018	ug/l	98
69) o-Xylene	12.03	106	76142	20.484	ug/l	98
70) Styrene	12.05	104	131057	20.322	ug/l	100
71) Bromoform	12.21	173	21358	20.601	ug/l #	98
73) Isopropylbenzene	12.33	105	207302	20.325	ug/l	100
74) N-amyl acetate	12.15	43	56397	19.479	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	26337	21.342	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	55146	36.578	ug/l #	100
77) Bromobenzene	12.61	156	44985	20.047	ug/l	99
78) n-propylbenzene	12.67	91	252922	19.938	ug/l	100
79) 2-Chlorotoluene	12.76	91	137752	19.982	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	169377	20.079	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15664	20.208	ug/l	96
82) 4-Chlorotoluene	12.86	91	142687	19.748	ug/l	100
83) tert-Butylbenzene	13.08	119	140566	19.894	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	166595	19.778	ug/l	100
85) sec-Butylbenzene	13.26	105	210141	19.965	ug/l	100
86) p-Isopropyltoluene	13.38	119	182583	20.155	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	87234	20.059	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	86214	19.530	ug/l	98
89) n-Butylbenzene	13.70	91	184400	19.858	ug/l	99
90) Hexachloroethane	13.97	117	33262	19.268	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	79764	20.185	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6001	20.107	ug/l	97

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

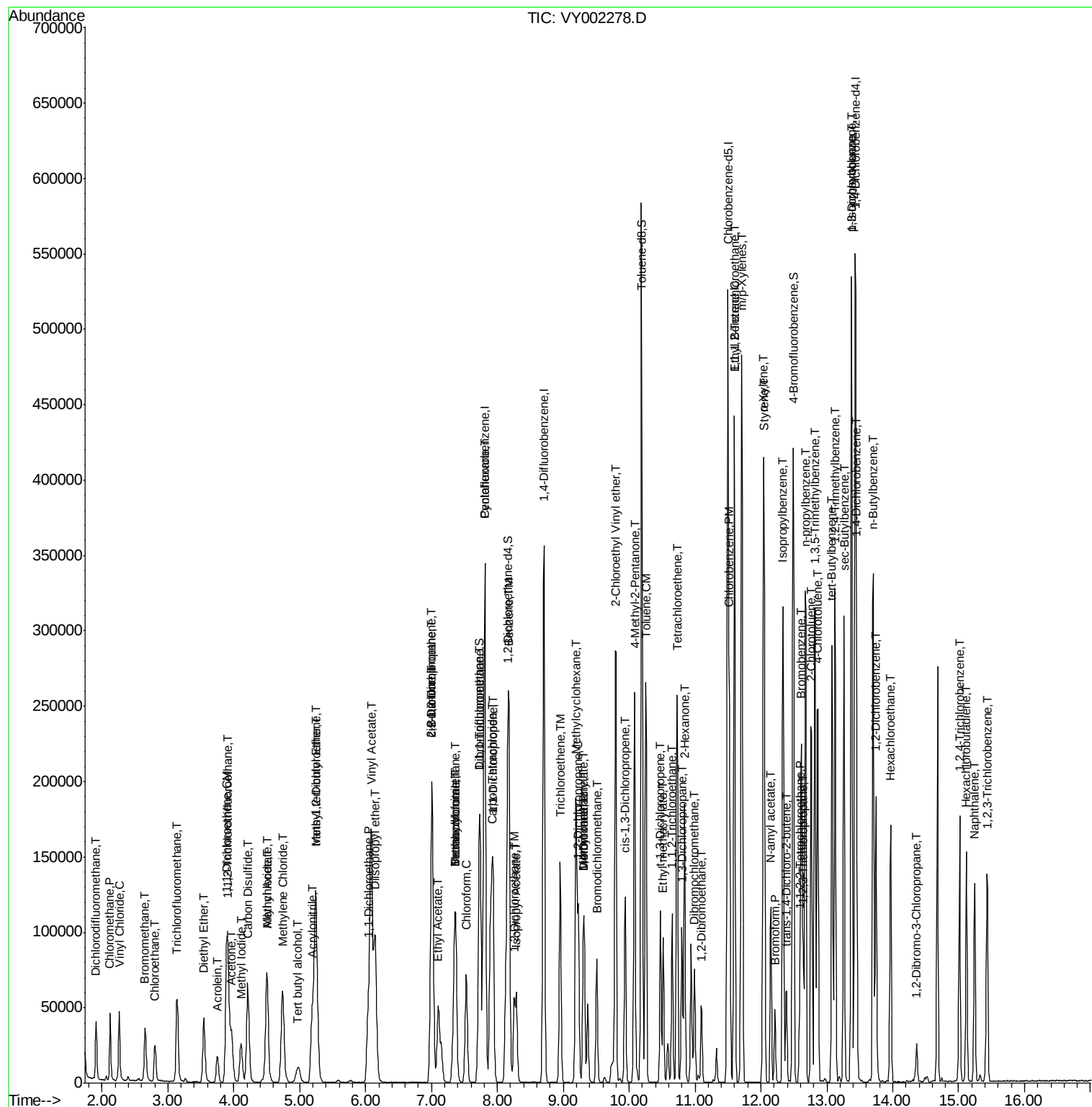
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	51096	19.782	ug/l	98
94) Hexachlorobutadiene	15.12	225	25609	19.685	ug/l	98
95) Naphthalene	15.24	128	110358	19.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42915	19.134	ug/l	99

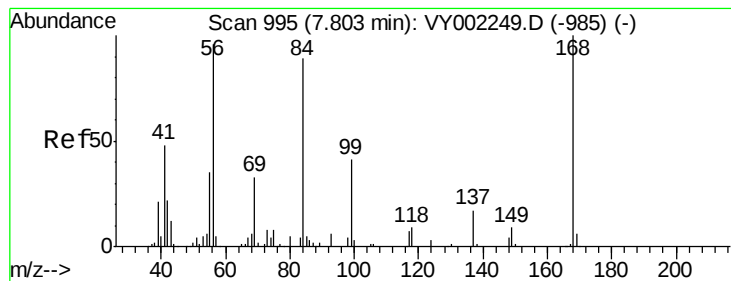
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
Data File : VY002278.D
Acq On : 13 Apr 2020 14:32
Operator : SY/MD
Sample : VY0413SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 14 02:16:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

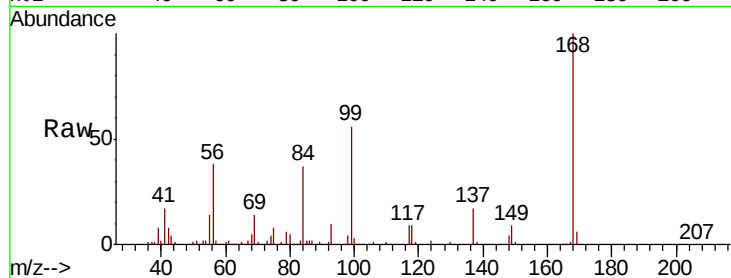
ClientSampleId :

Tot Ion:168 Resp: 173352

Ion Ratio Lower Upper

168 100

99 56.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.81

80000

60000

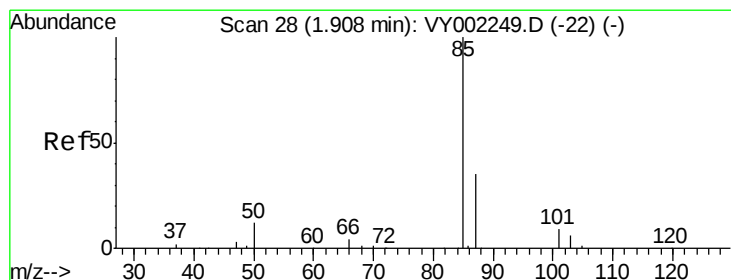
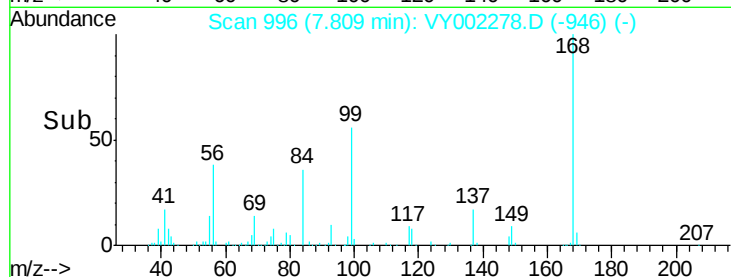
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.367 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002278.D

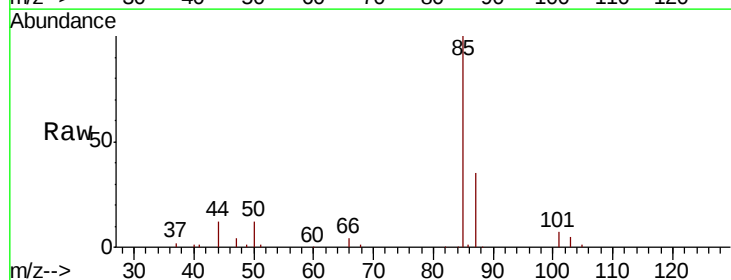
Acq: 13 Apr 2020 14:32

Tgt Ion: 85 Resp: 32179

Ion Ratio Lower Upper

85 100

87 34.6 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

25000

20000

15000

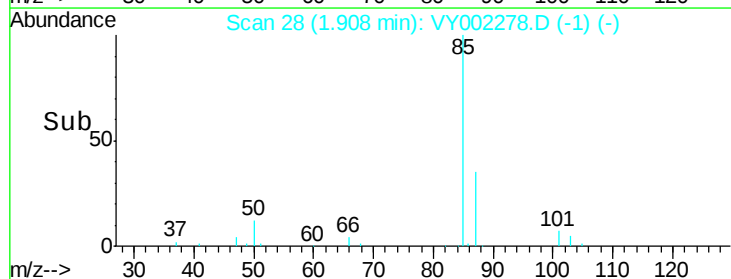
10000

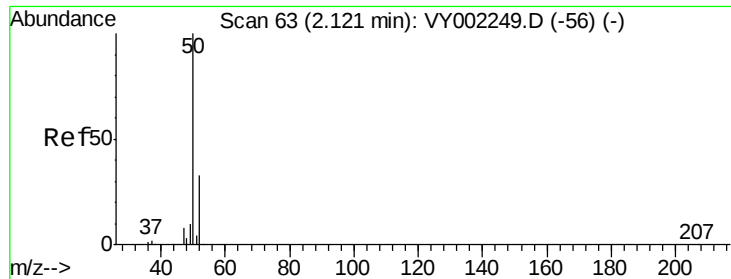
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.953 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

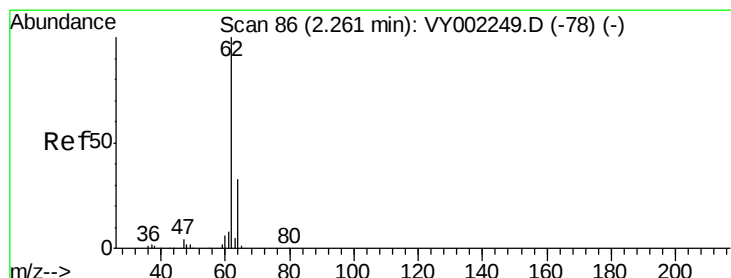
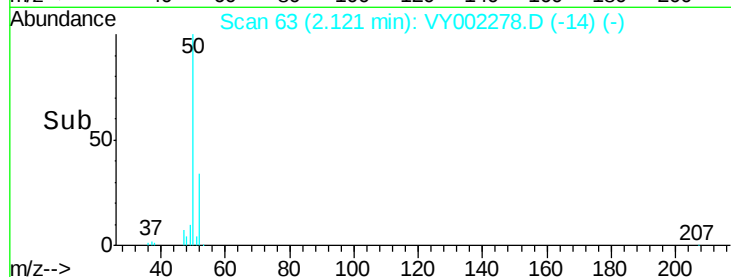
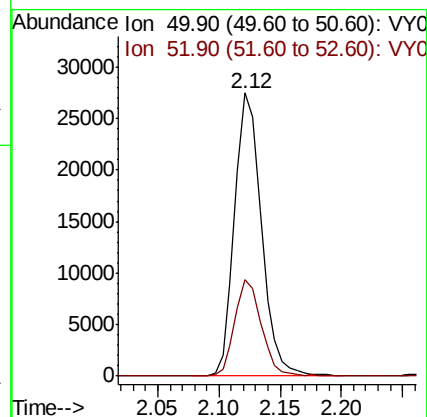
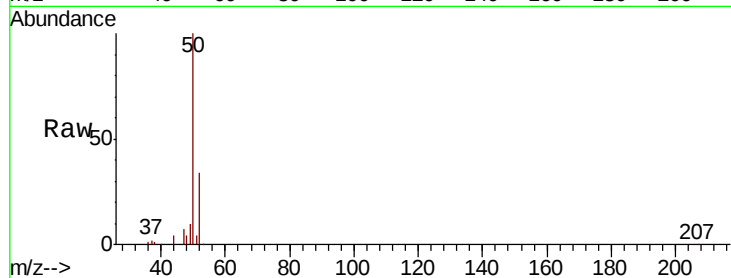
ClientSampleId :

Tot Ion: 50 Resp: 41792

Ion Ratio Lower Upper

50 100

52 33.9 26.6 39.8



#4

Vinyl Chloride

Concen: 18.730 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002278.D

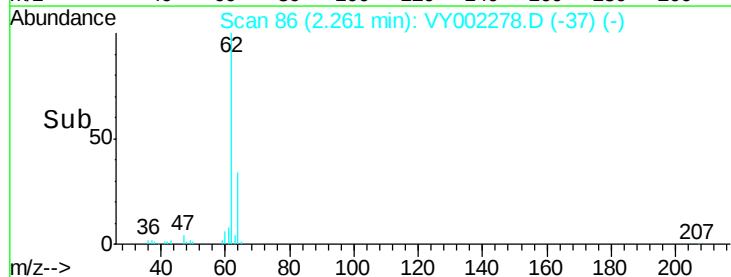
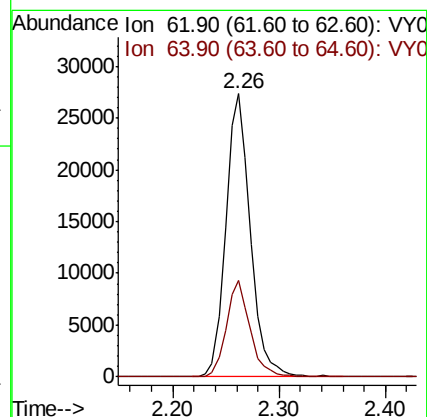
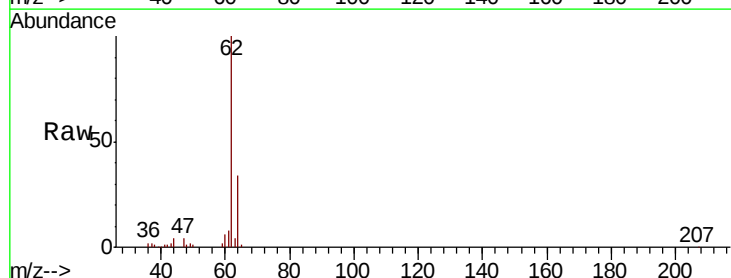
Acq: 13 Apr 2020 14:32

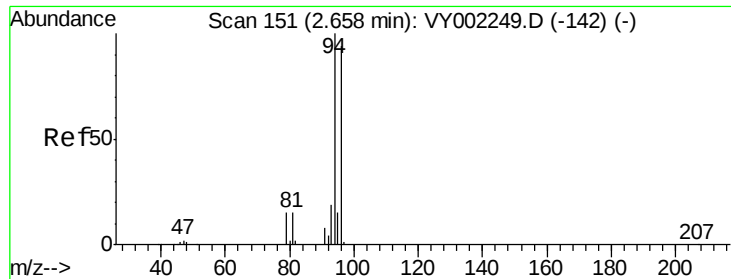
Tgt Ion: 62 Resp: 43958

Ion Ratio Lower Upper

62 100

64 34.0 26.2 39.2





#5

Bromomethane

Concen: 18.883 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

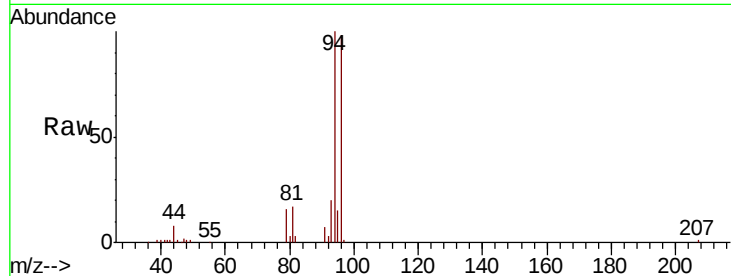
ClientSampled :

Tot Ion: 94 Resp: 27368

Ion Ratio Lower Upper

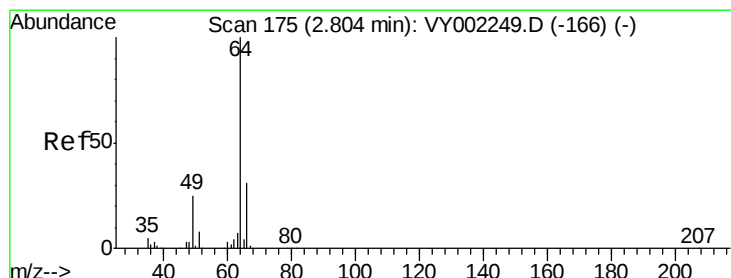
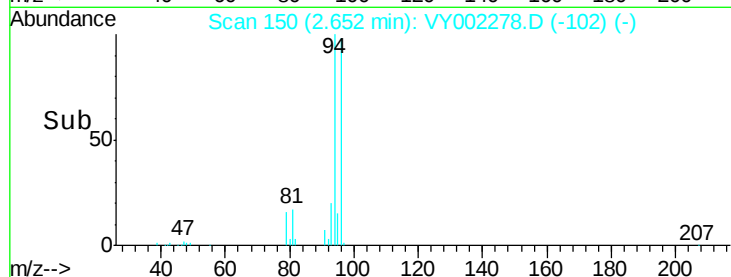
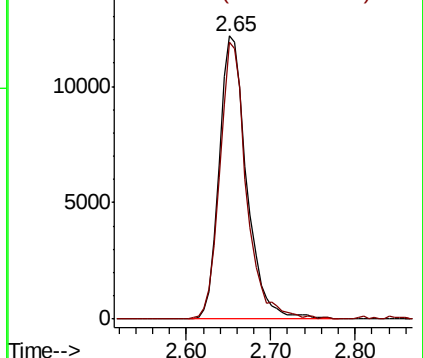
94 100

96 97.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.039 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002278.D

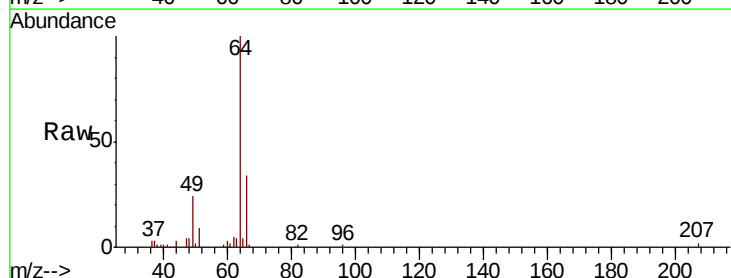
Acq: 13 Apr 2020 14:32

Tgt Ion: 64 Resp: 25770

Ion Ratio Lower Upper

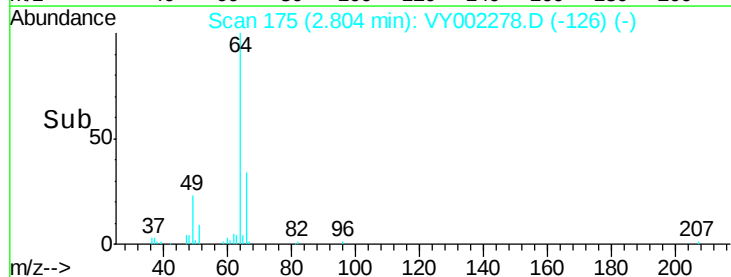
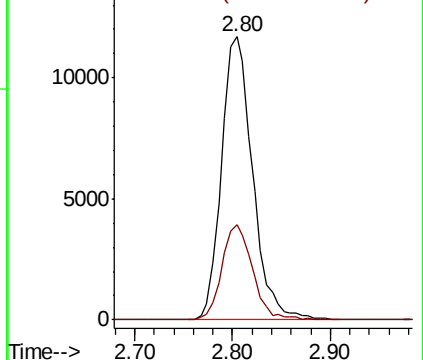
64 100

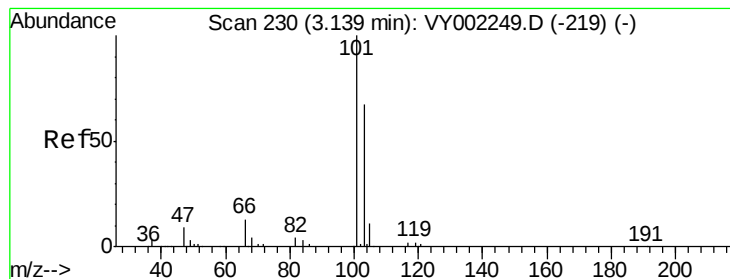
66 33.8 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



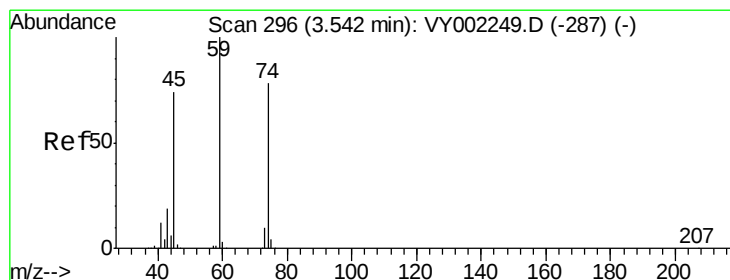
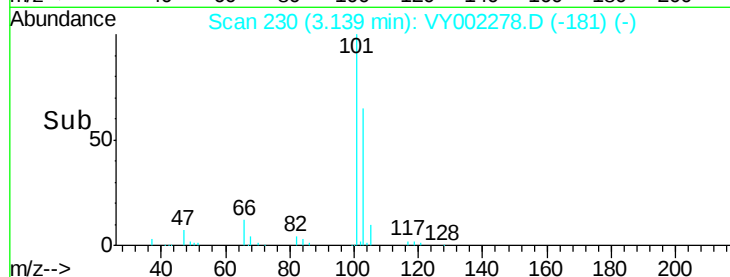
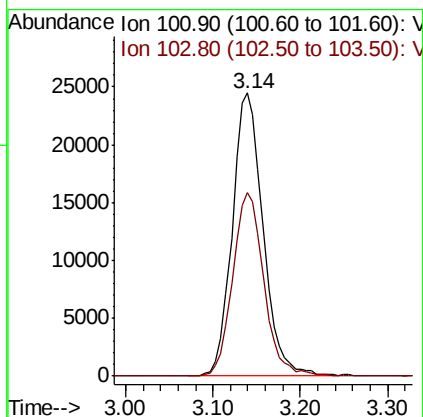
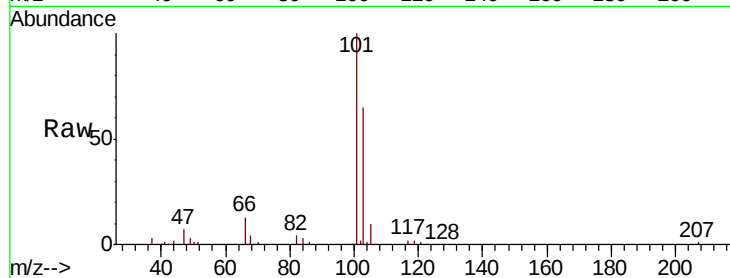


#7

Trichlorofluoromethane
 Concen: 19.751 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampled :

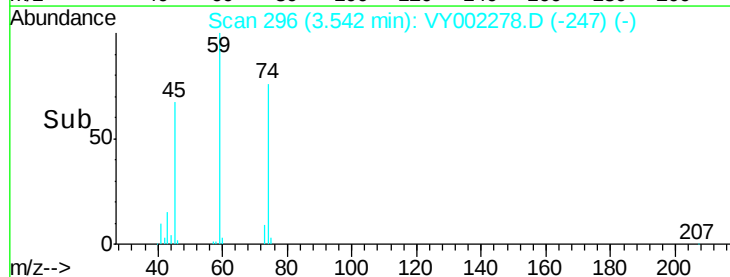
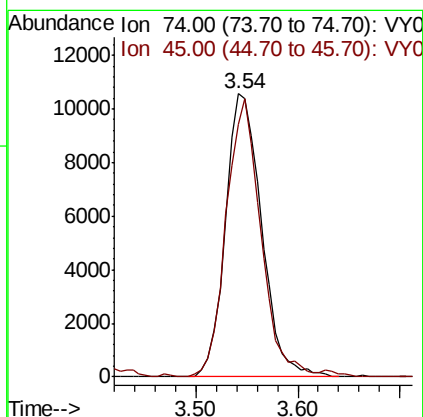
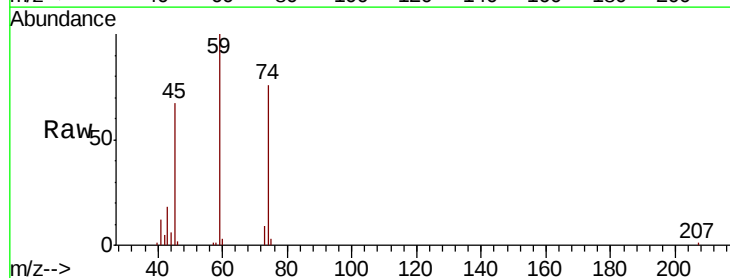
Tot Ion:101 Resp: 59864
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.3 79.9

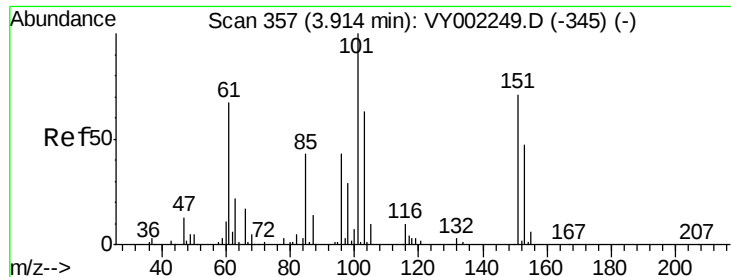


#8

Diethyl Ether
 Concen: 20.100 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion: 74 Resp: 25899
 Ion Ratio Lower Upper
 74 100
 45 94.2 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.537 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

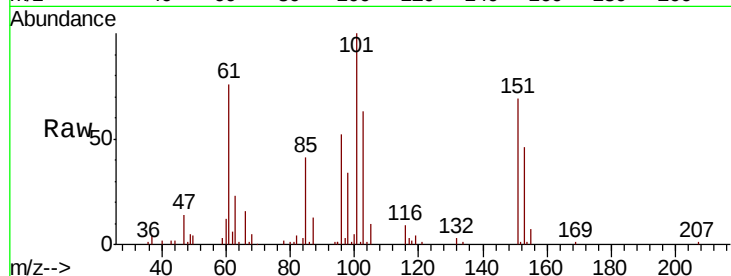
Tot Ion:101 Resp: 42283

Ion Ratio Lower Upper

101 100

85 41.0 34.6 52.0

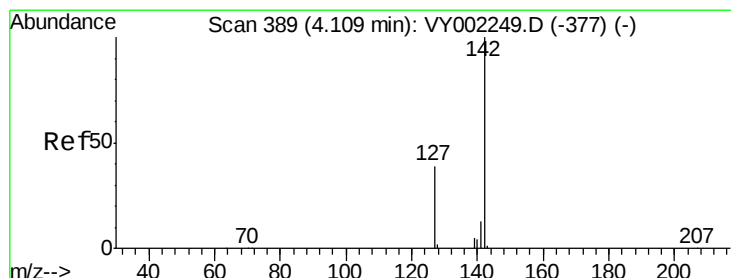
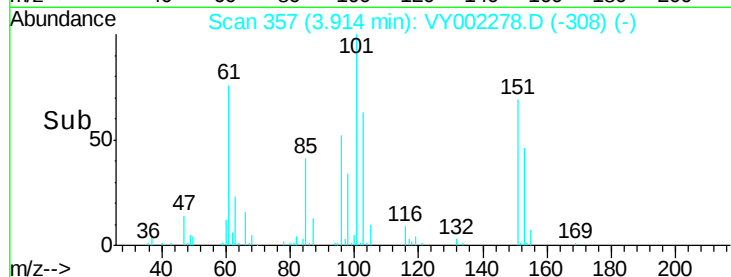
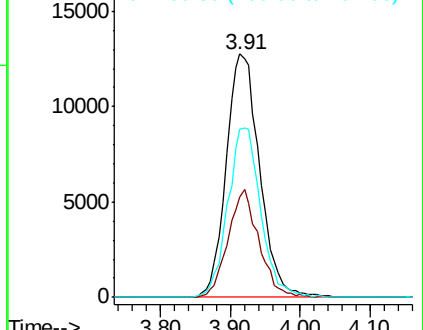
151 68.8 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.421 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

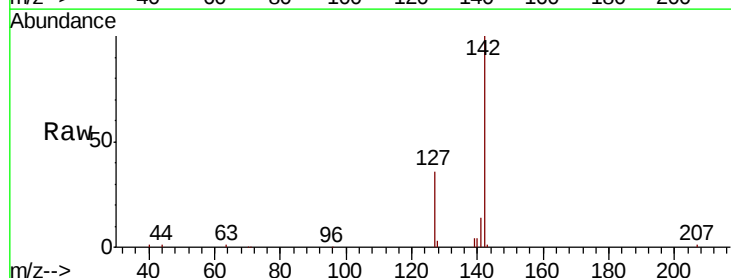
Tgt Ion:142 Resp: 46478

Ion Ratio Lower Upper

142 100

127 38.0 32.4 48.6

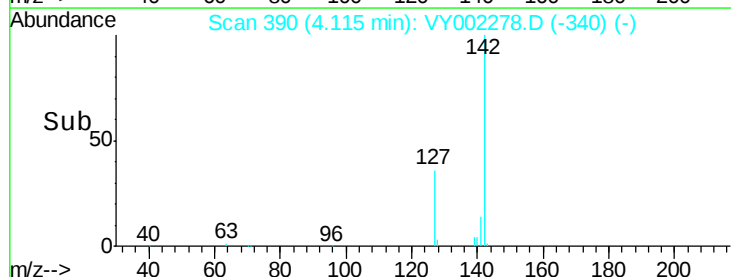
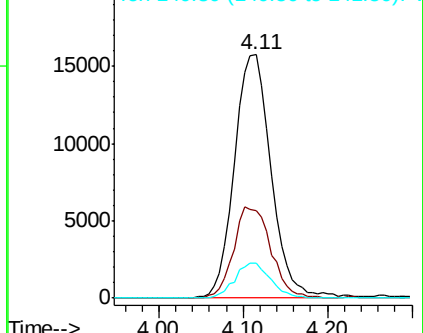
141 13.8 11.2 16.8

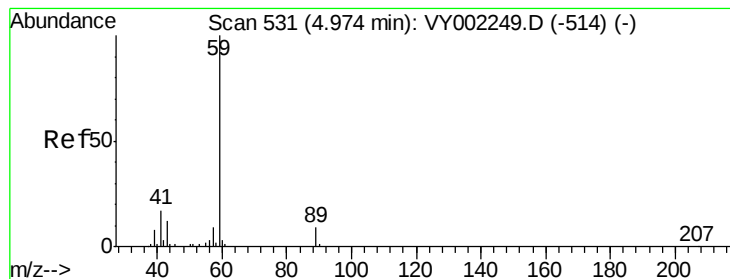


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.822 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

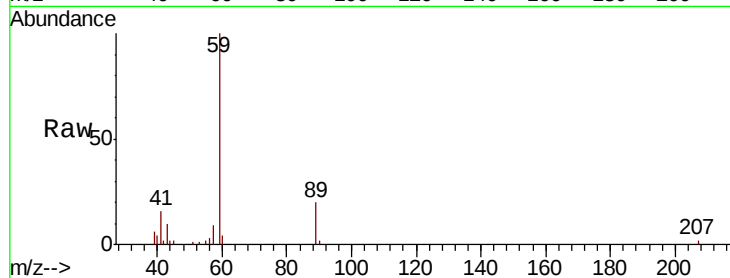
ClientSampleId :

Tot Ion: 59 Resp: 22852

Ion Ratio Lower Upper

59 100

57 9.2 6.6 9.8



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.98

6000

5000

4000

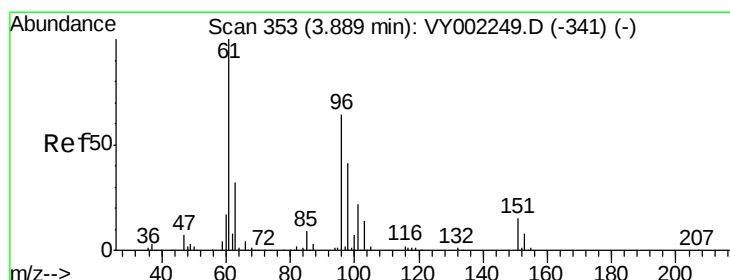
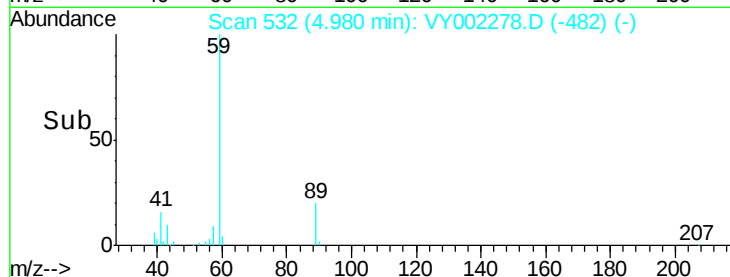
3000

2000

1000

0

Time-->



#12

1,1-Dichloroethene

Concen: 20.628 ug/l

RT: 3.89 min Scan# 353

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

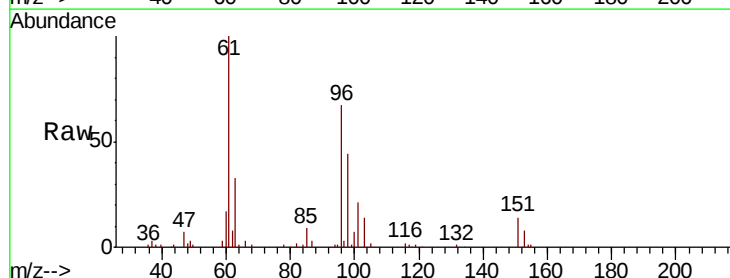
Tgt Ion: 96 Resp: 43178

Ion Ratio Lower Upper

96 100

61 150.3 125.9 188.9

98 65.9 51.1 76.7



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

30000

25000

20000

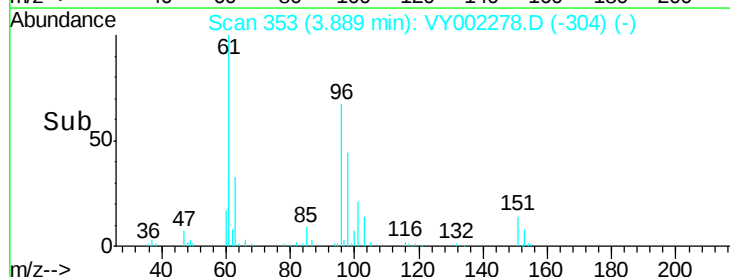
15000

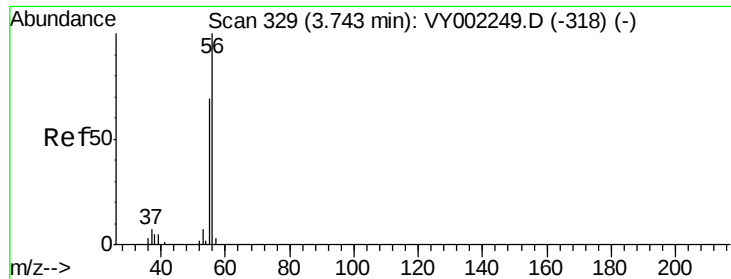
10000

5000

0

Time-->





#13

Acrolein

Concen: 88.395 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

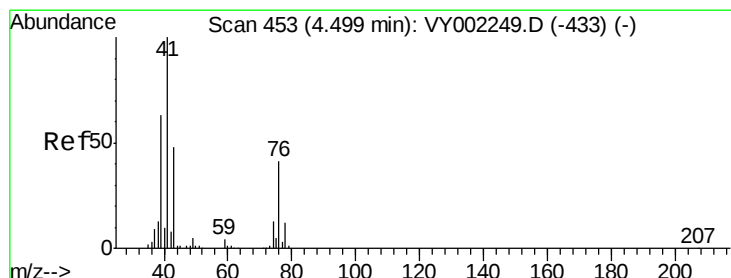
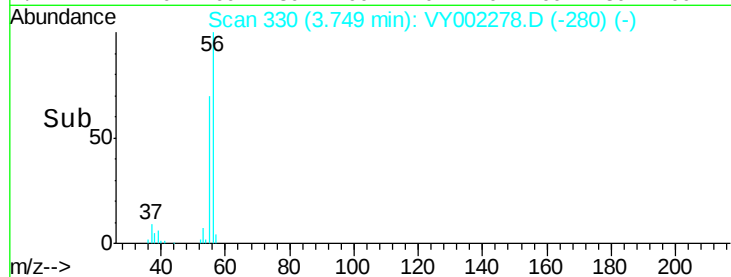
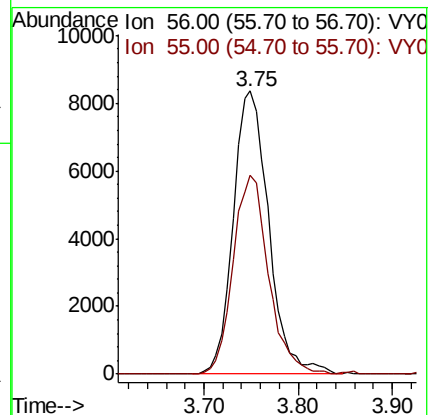
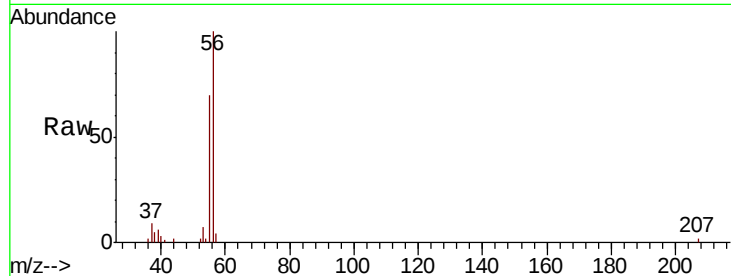
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 21972

Ion Ratio Lower Upper

56 100

55 70.0 55.8 83.8



#14

Allyl chloride

Concen: 19.879 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

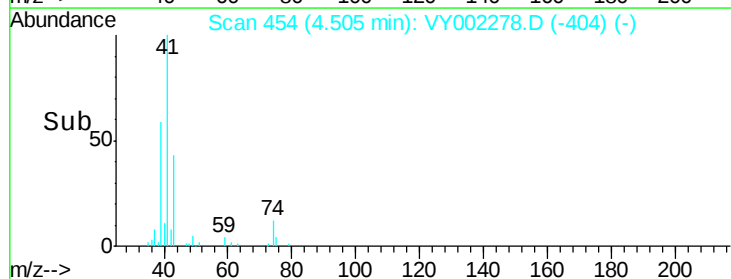
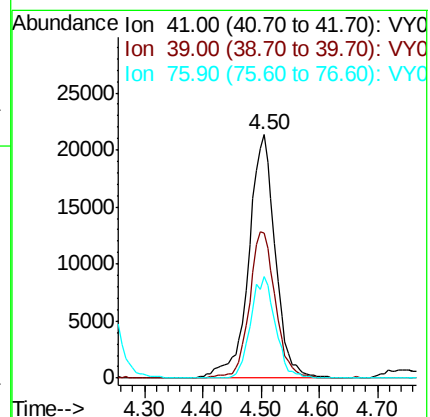
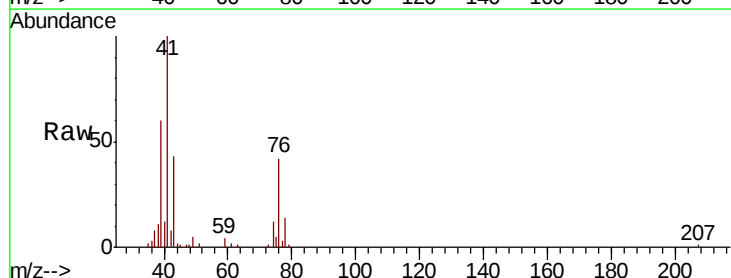
Tgt Ion: 41 Resp: 67195

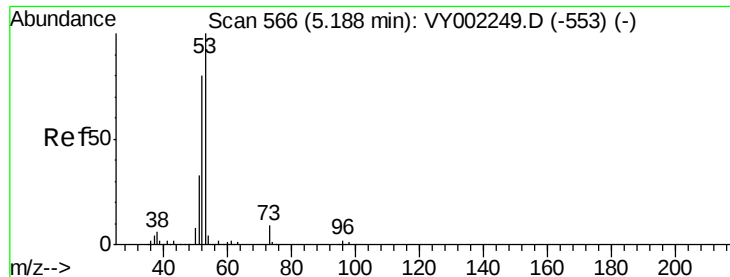
Ion Ratio Lower Upper

41 100

39 58.7 48.0 72.0

76 38.8 31.0 46.6





#15

Acrylonitrile

Concen: 97.488 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampled :

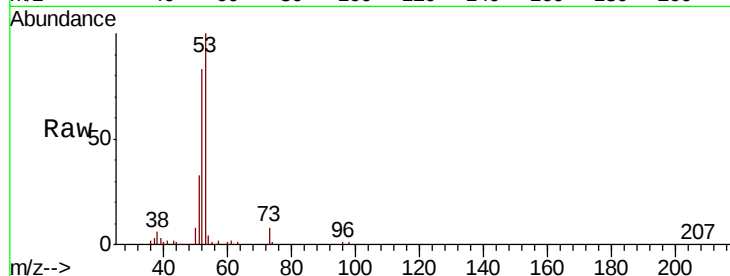
Tot Ion: 53 Resp: 64237

Ion Ratio Lower Upper

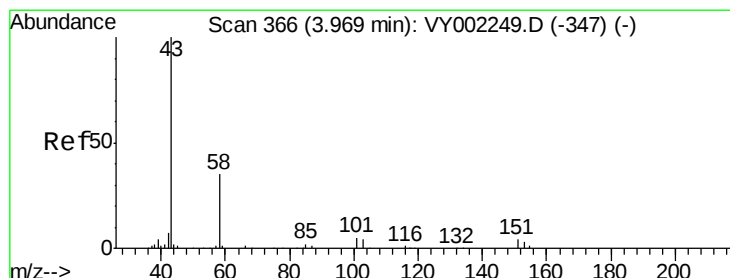
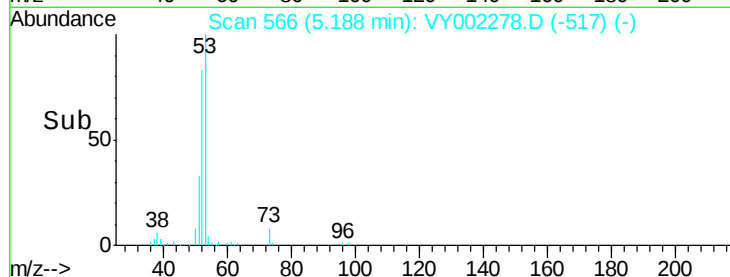
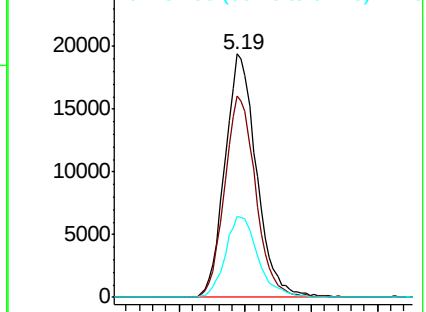
53 100

52 81.1 65.1 97.7

51 34.4 27.1 40.7



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: 95.197 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002278.D

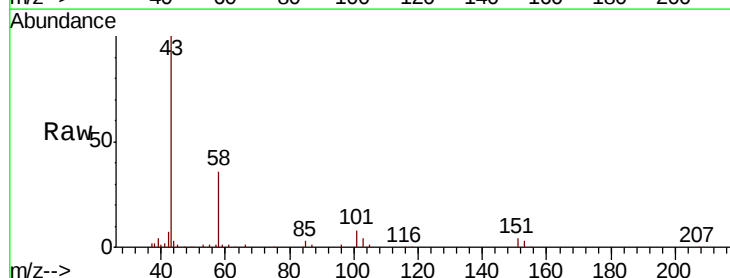
Acq: 13 Apr 2020 14:32

Tgt Ion: 43 Resp: 48336

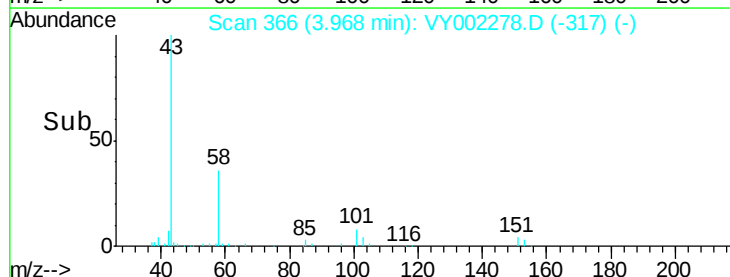
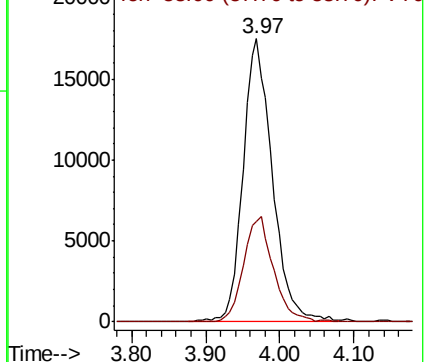
Ion Ratio Lower Upper

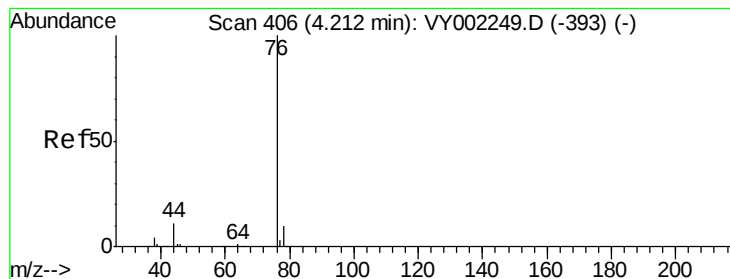
43 100

58 35.7 28.5 42.7



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





#17

Carbon Disulfide

Concen: 19.831 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

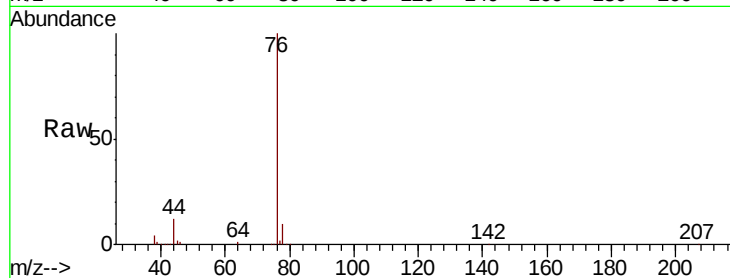
ClientSampled :

Tot Ion: 76 Resp: 137857

Ion Ratio Lower Upper

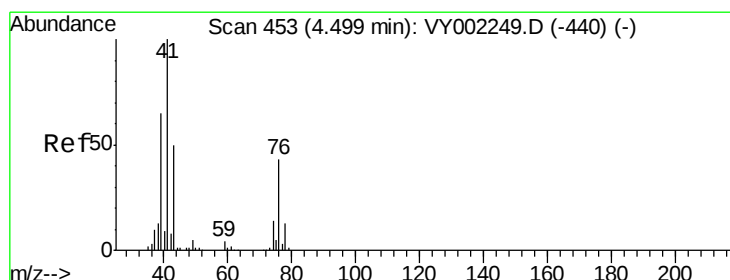
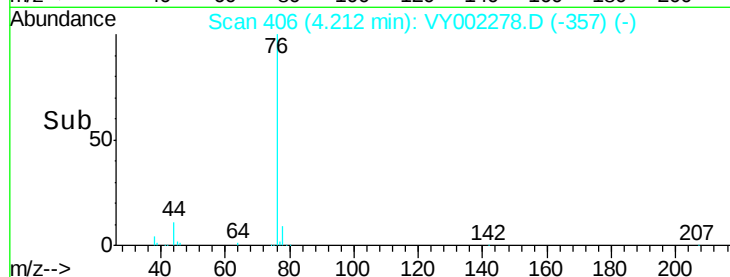
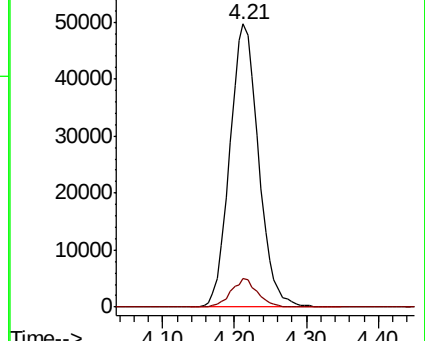
76 100

78 10.0 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.748 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002278.D

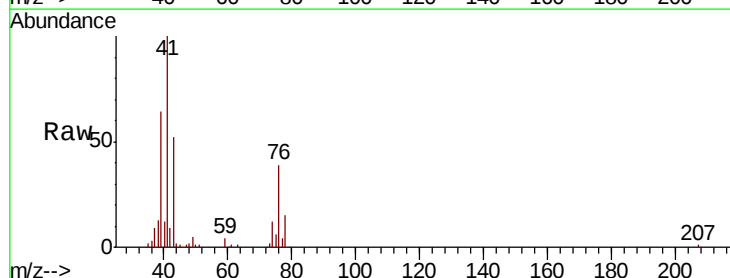
Acq: 13 Apr 2020 14:32

Tgt Ion: 43 Resp: 31102

Ion Ratio Lower Upper

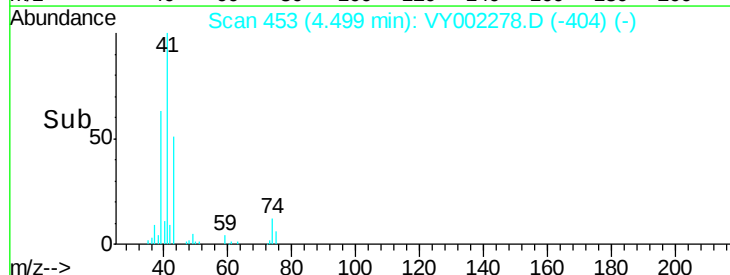
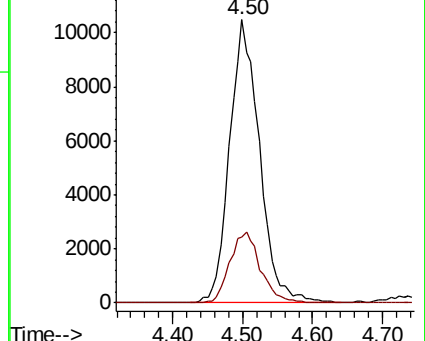
43 100

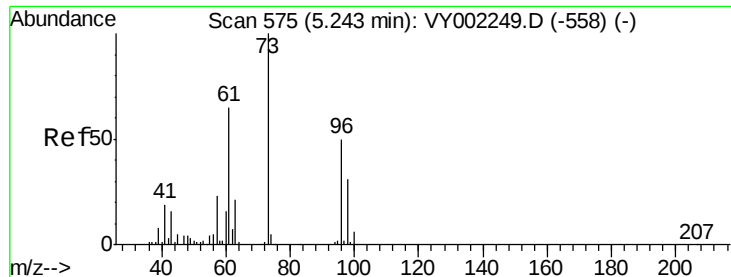
74 25.6 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

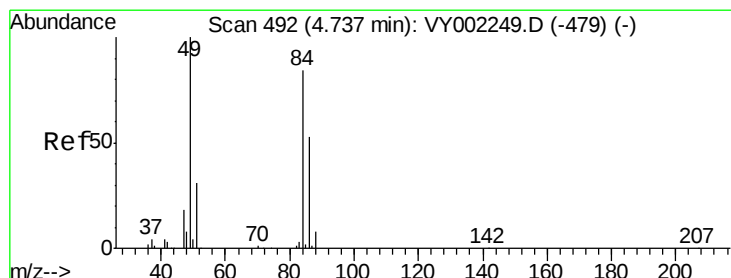
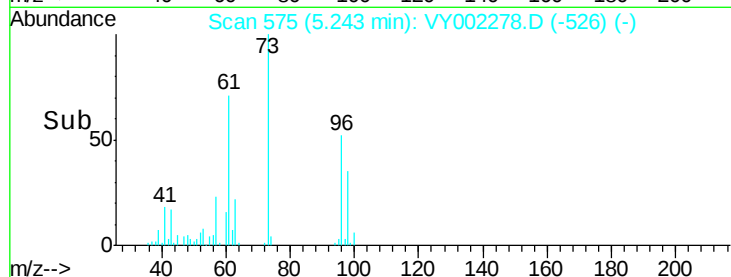
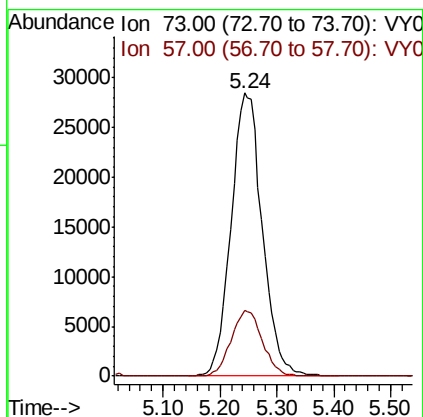
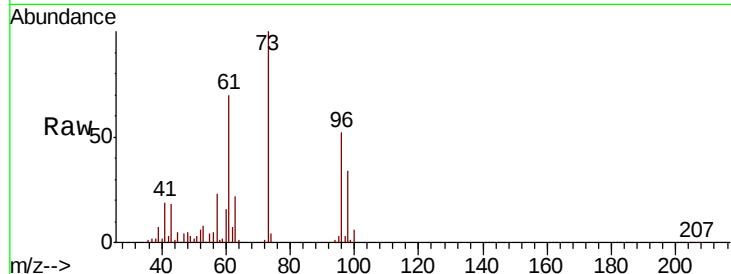




#19
Methyl tert-butyl Ether
Concen: 19.711 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

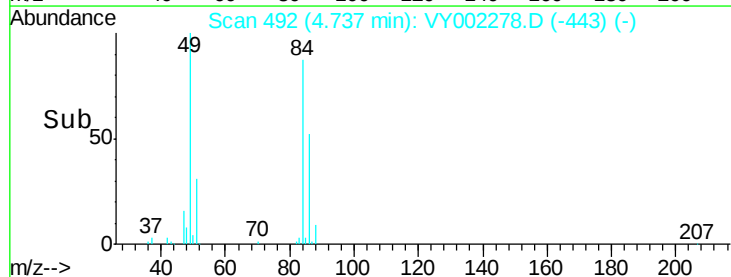
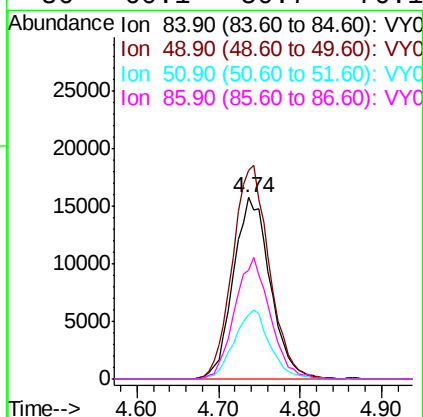
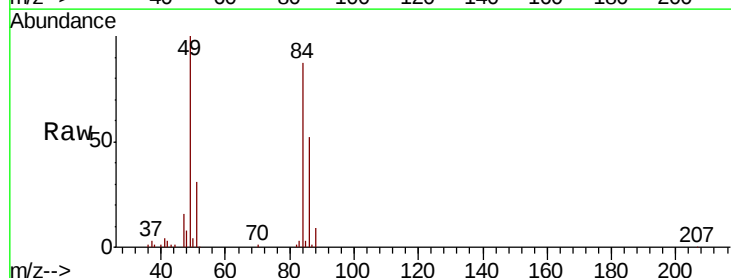
Instrument :
MSVOA_Y
ClientSampled :

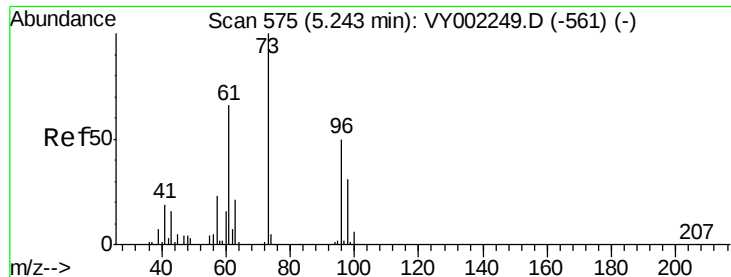
Tot Ion: 73 Resp: 108465
Ion Ratio Lower Upper
73 100
57 23.0 18.7 28.1



#20
Methylene Chloride
Concen: 19.752 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion: 84 Resp: 49293
Ion Ratio Lower Upper
84 100
49 115.2 95.5 143.3
51 35.3 29.5 44.3
86 60.1 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 19.900 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampled :

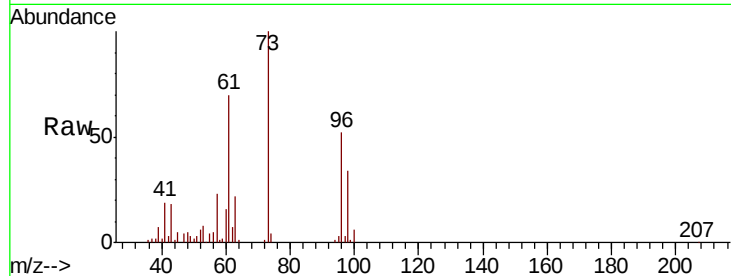
Tot Ion: 96 Resp: 46755

Ion Ratio Lower Upper

96 100

61 135.2 104.6 157.0

98 66.1 50.1 75.1

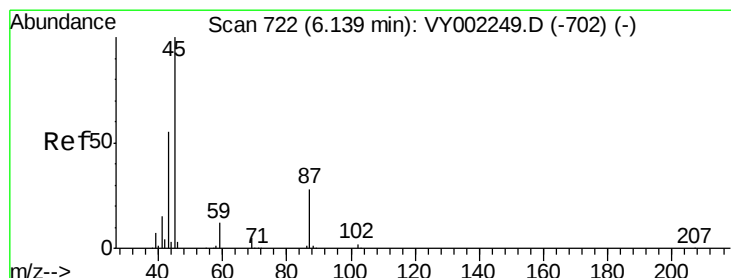
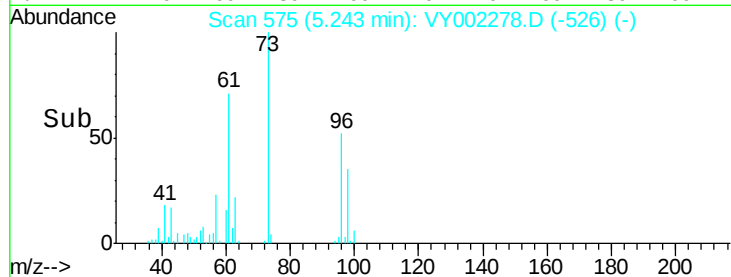
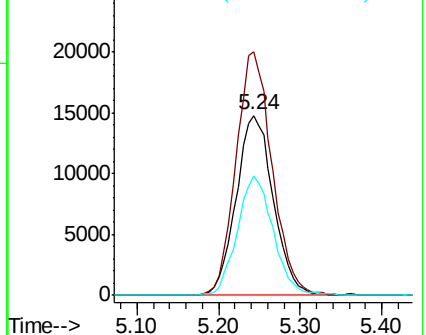


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 19.999 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Tgt Ion: 45 Resp: 136043

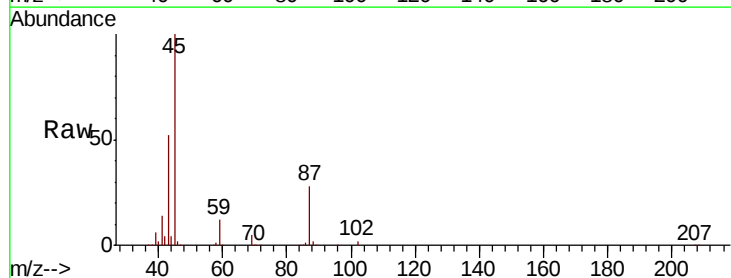
Ion Ratio Lower Upper

45 100

43 51.9 44.7 67.1

87 27.9 23.0 34.4

59 11.7 10.1 15.1



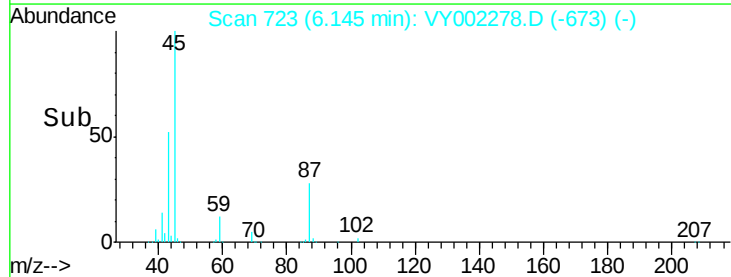
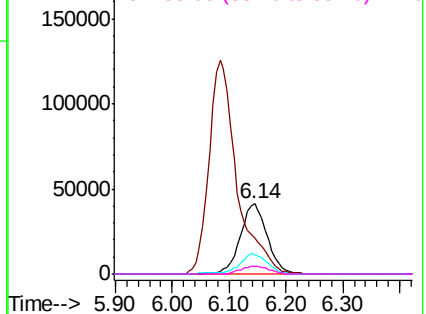
Abundance

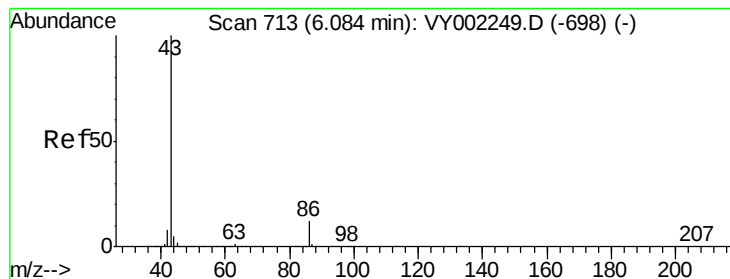
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 98.446 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

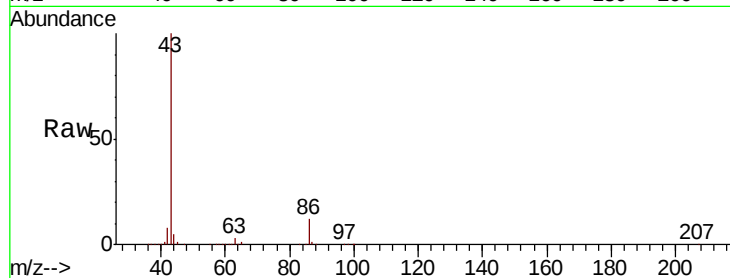
ClientSampleId :

Tot Ion: 43 Resp: 426751

Ion Ratio Lower Upper

43 100

86 11.6 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

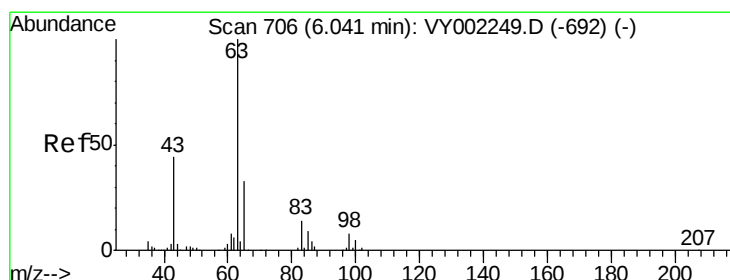
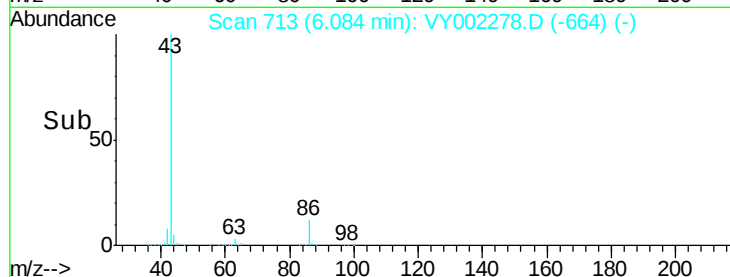
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.080 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

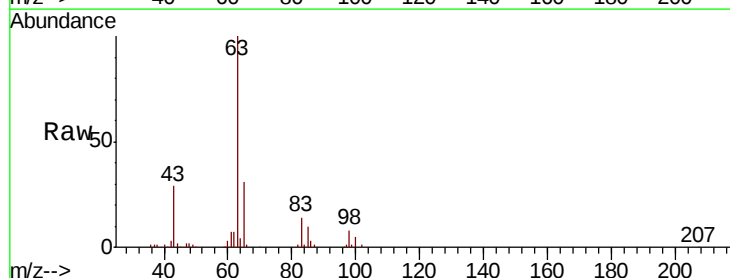
Tgt Ion: 63 Resp: 77691

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.0

100 5.0 2.4 7.1



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

6.04

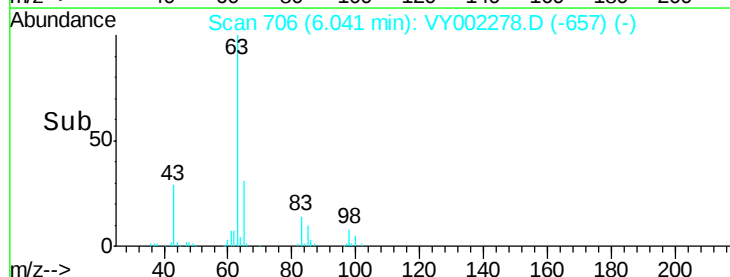
30000

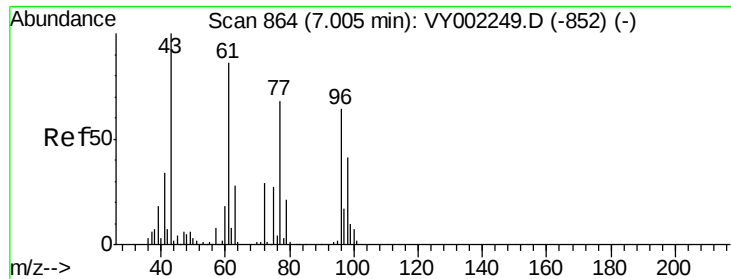
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

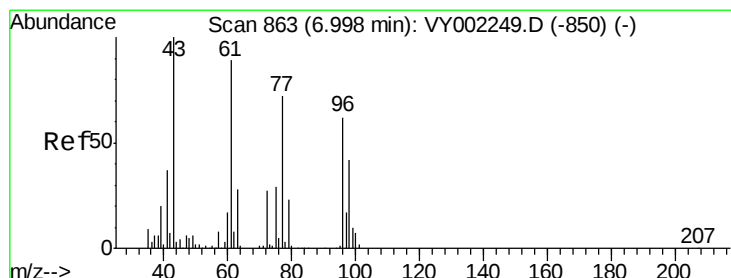
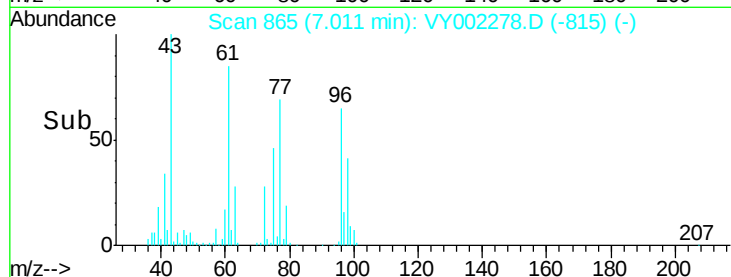
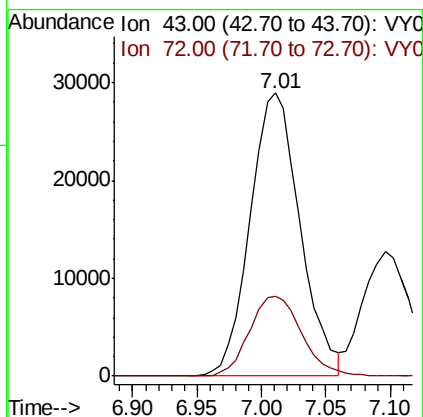
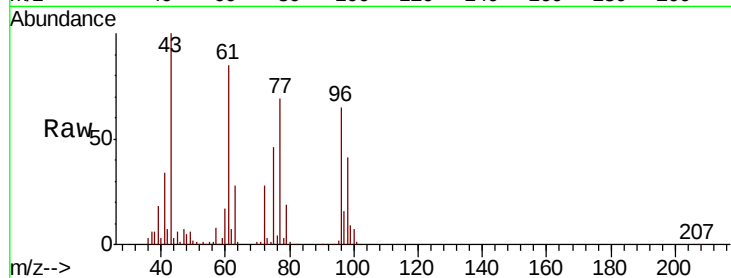




#25
2-Butanone
Concen: 96.809 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

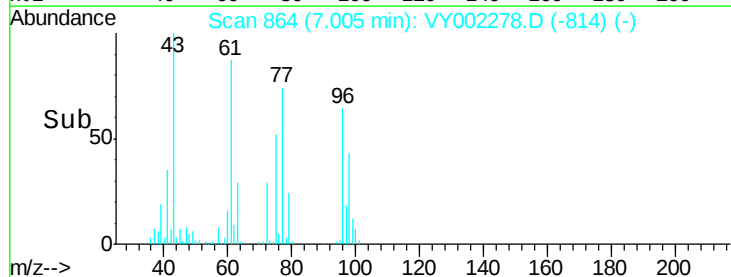
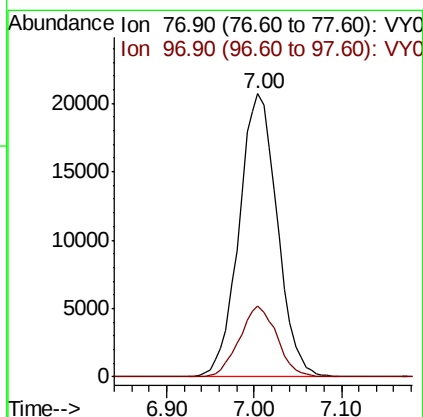
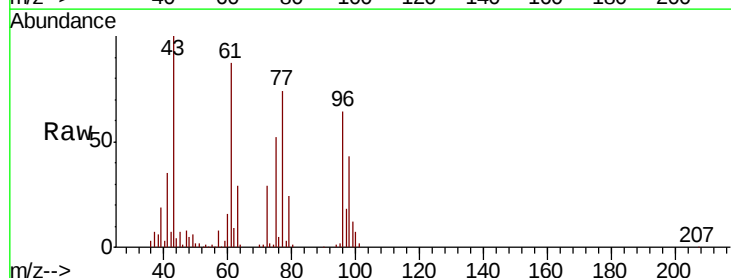
Instrument :
MSVOA_Y
ClientSampleId :

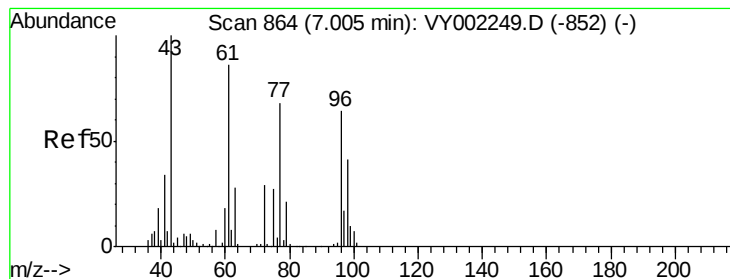
Tot Ion: 43 Resp: 77790
Ion Ratio Lower Upper
43 100
72 28.4 23.2 34.8



#26
2,2-Dichloropropane
Concen: 19.382 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion: 77 Resp: 62729
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6



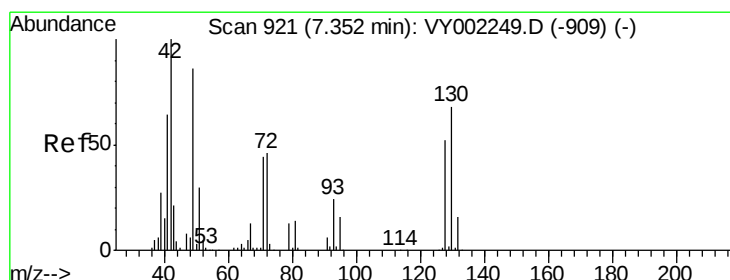
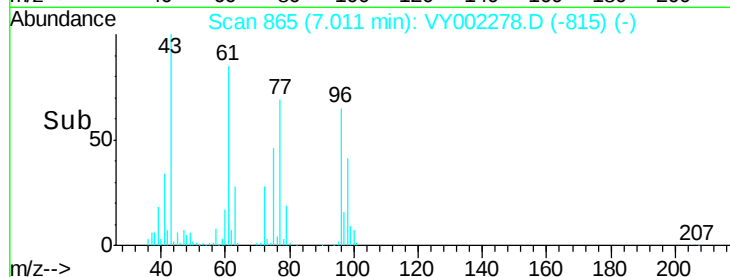
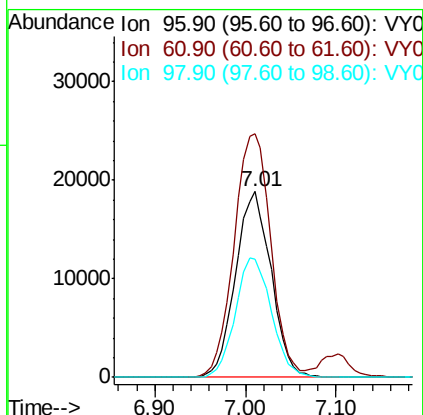
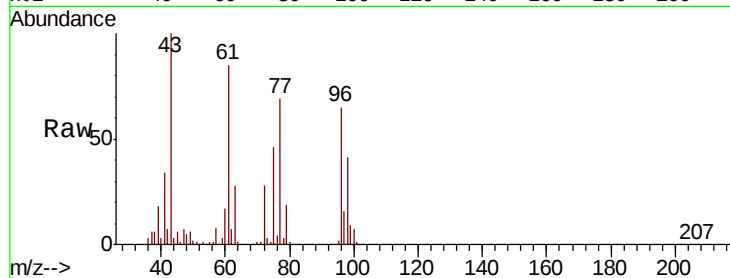


#27

cis-1,2-Dichloroethene
 Concen: 20.027 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :

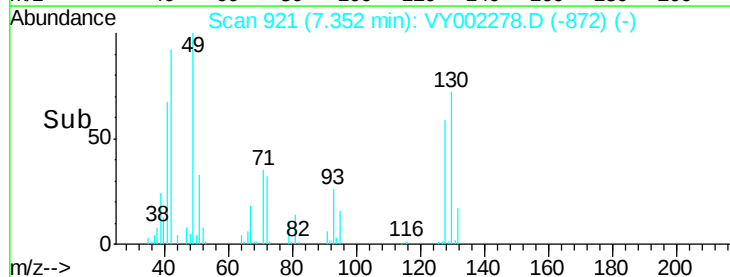
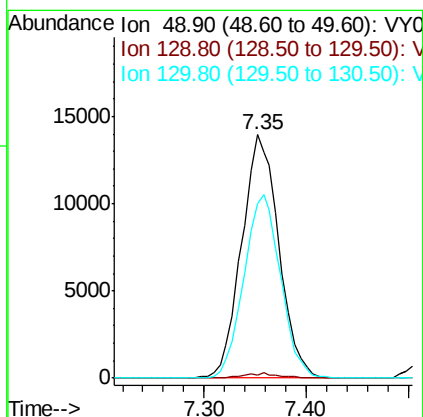
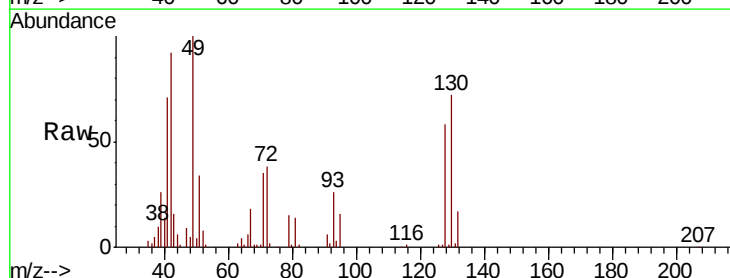
Tot Ion: 96 Resp: 51293
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 278.0
 98 65.1 0.0 128.6

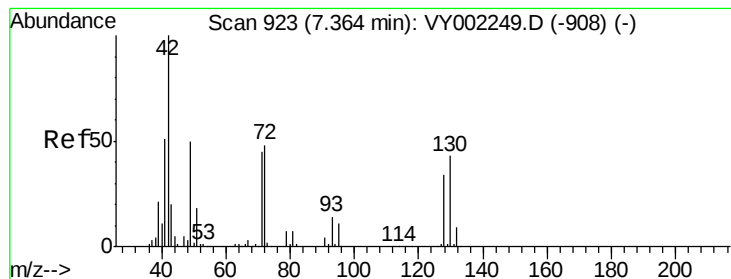


#28

Bromochloromethane
 Concen: 21.129 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion: 49 Resp: 35289
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 74.5 60.9 91.3





#29

Tetrahydrofuran

Concen: 98.745 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampled :

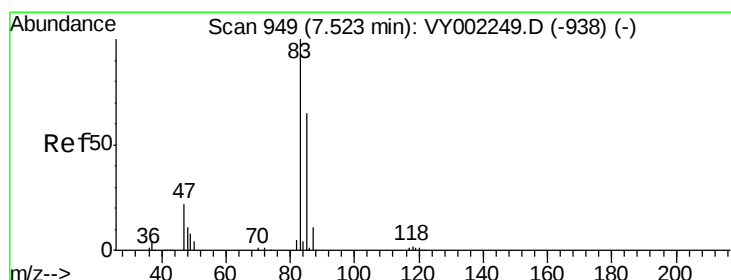
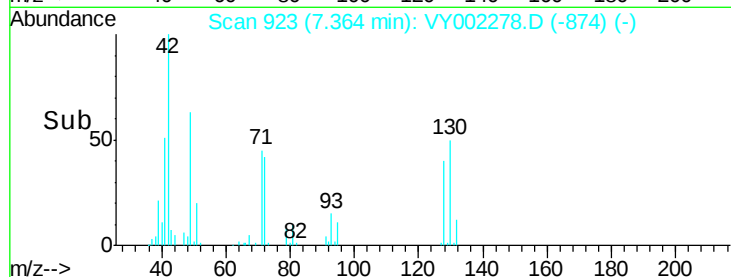
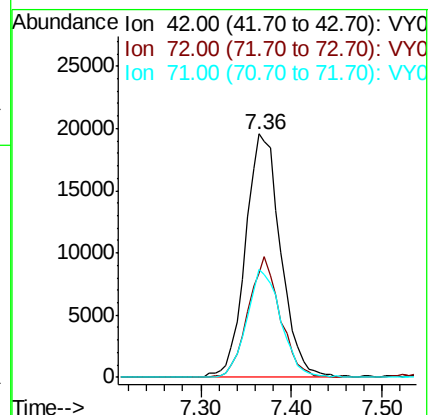
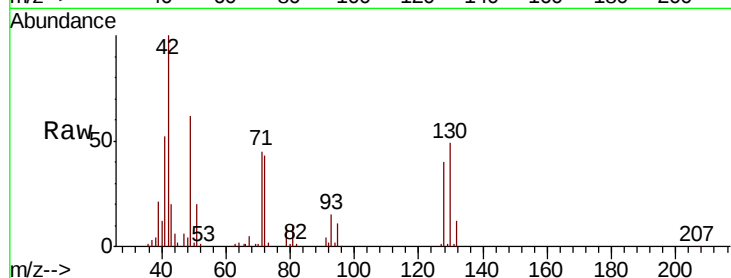
Tot Ion: 42 Resp: 52449

Ion Ratio Lower Upper

42 100

72 45.4 36.7 55.1

71 43.0 34.7 52.1



#30

Chloroform

Concen: 19.965 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.01 min

Lab File: VY002278.D

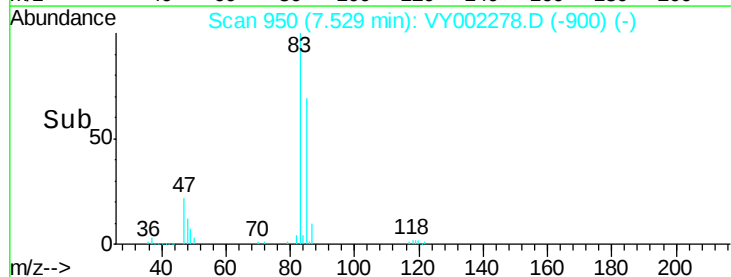
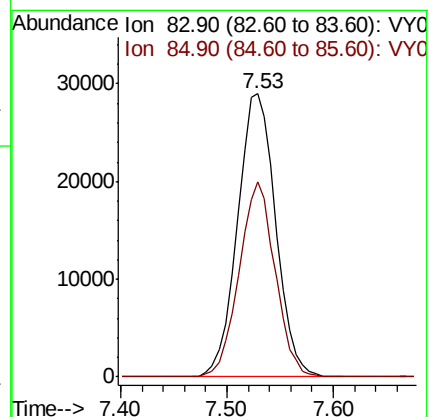
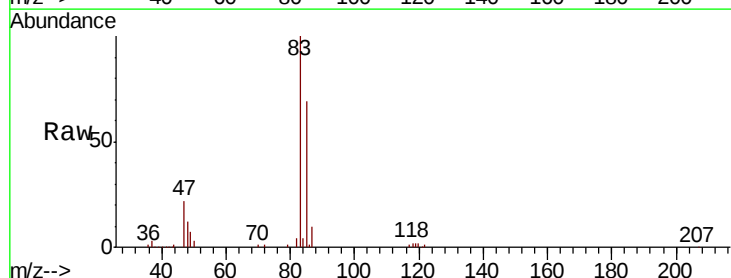
Acq: 13 Apr 2020 14:32

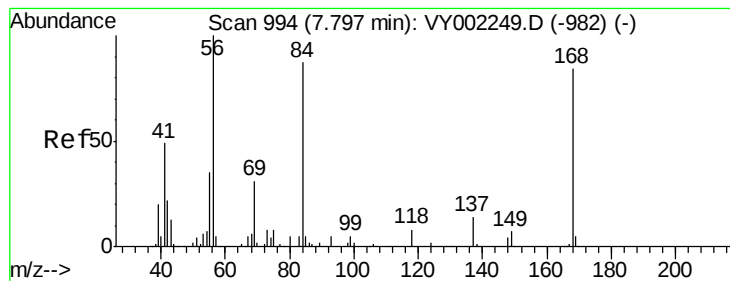
Tgt Ion: 83 Resp: 72818

Ion Ratio Lower Upper

83 100

85 69.1 52.0 78.0





#31

Cyclohexane

Concen: 20.118 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :

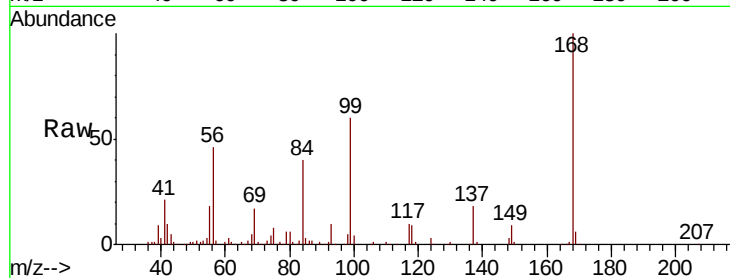
Tot Ion: 56 Resp: 81704

Ion Ratio Lower Upper

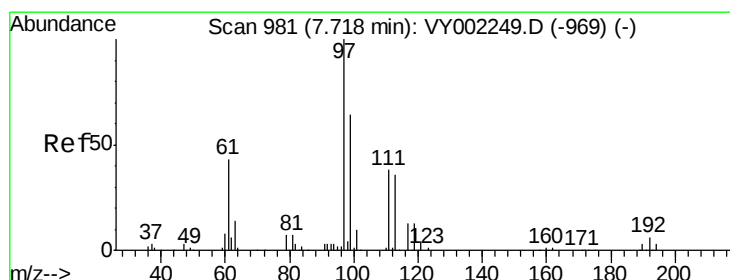
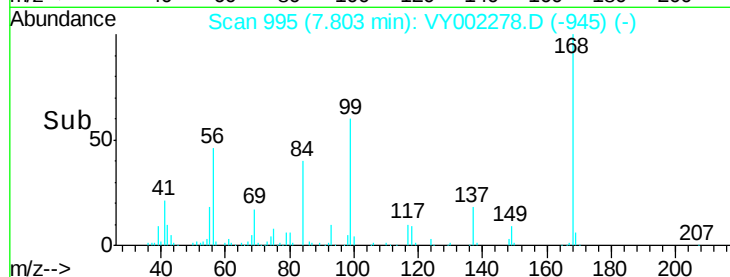
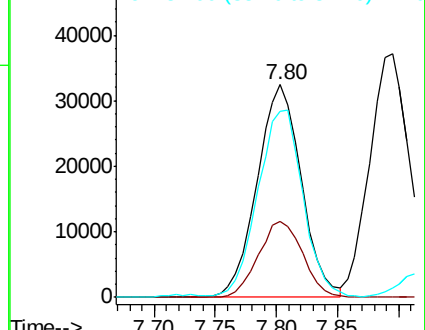
56 100

69 35.8 25.0 37.6

84 86.0 69.7 104.5



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



#32

1,1,1-Trichloroethane

Concen: 19.971 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

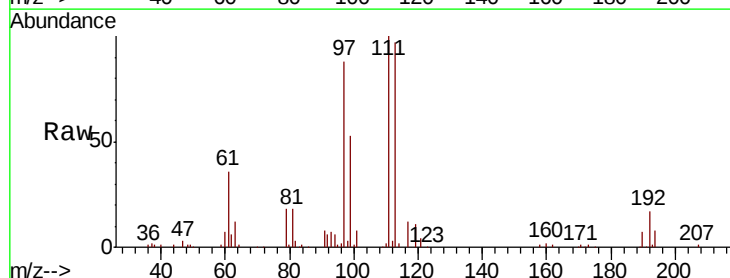
Tgt Ion: 97 Resp: 60627

Ion Ratio Lower Upper

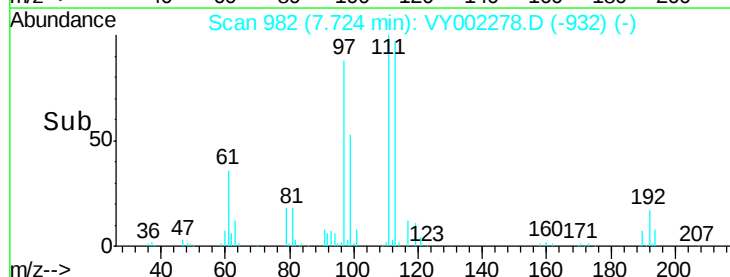
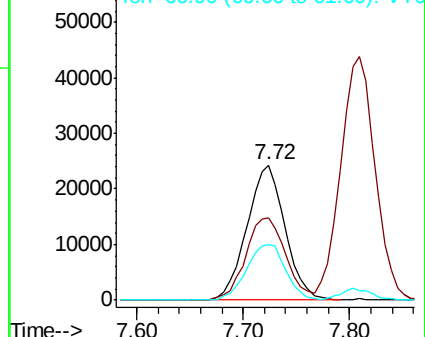
97 100

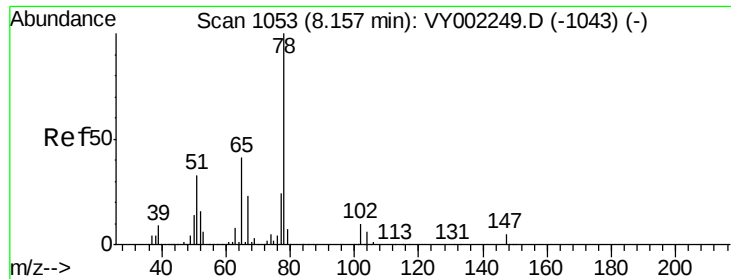
99 64.5 51.3 76.9

61 42.6 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

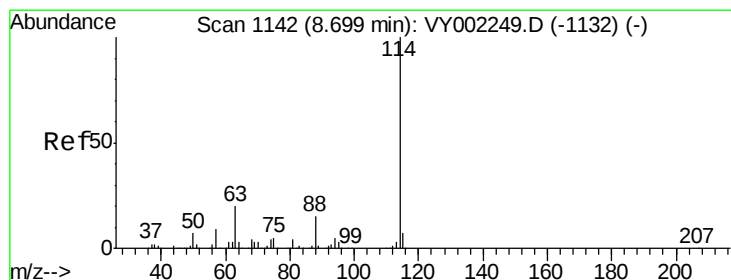
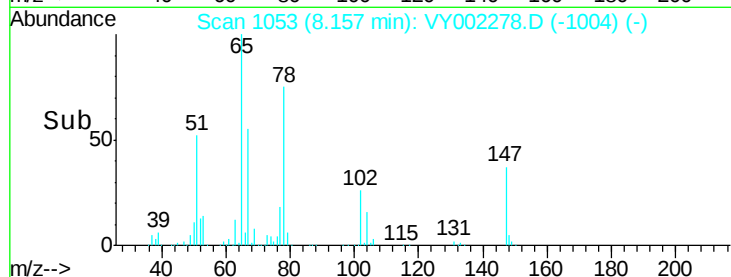
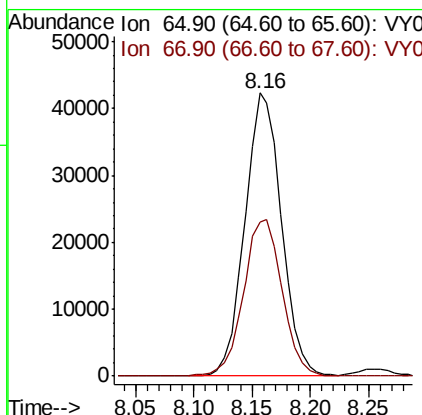
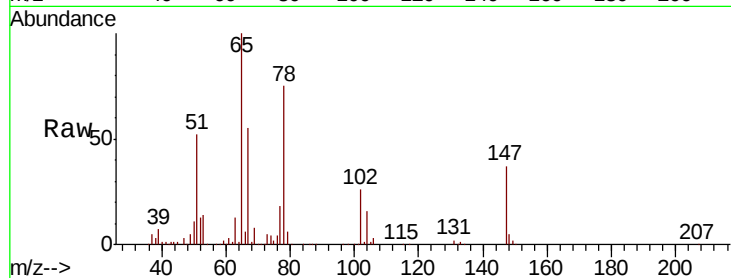




#33
 1,2-Dichloroethane-d4
 Concen: 48.093 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

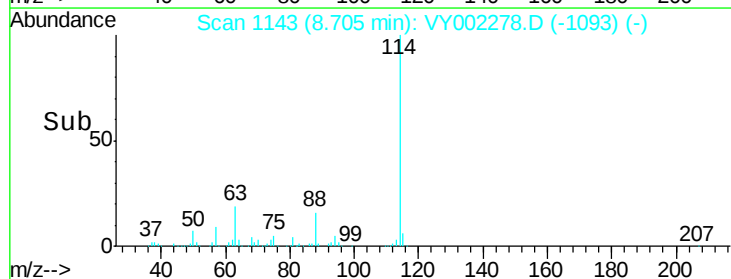
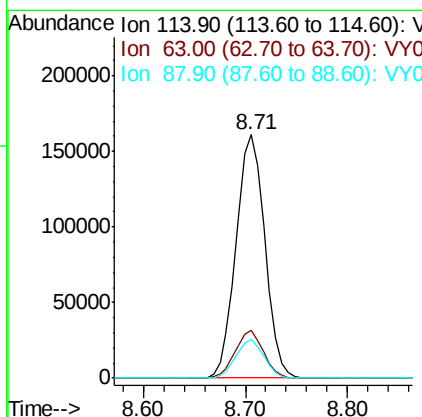
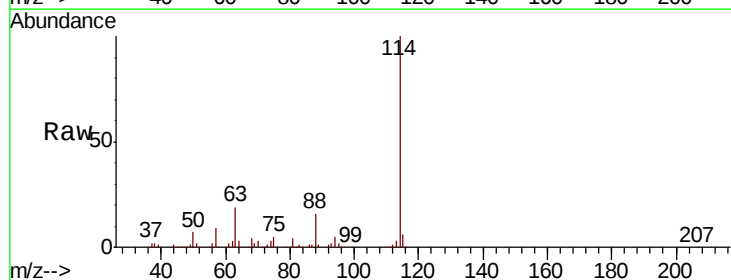
Instrument :
 MSVOA_Y
 ClientSampleId :

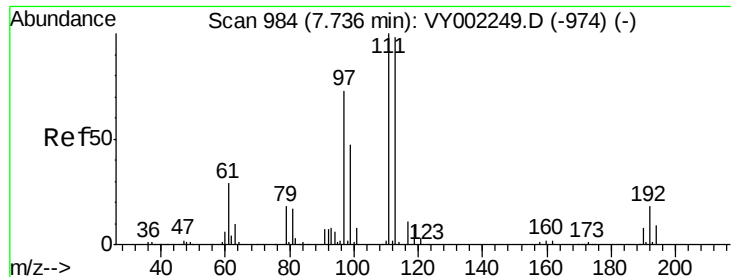
Tot Ion: 65 Resp: 92713
 Ion Ratio Lower Upper
 65 100
 67 58.4 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion: 114 Resp: 314983
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.8 0.0 31.0

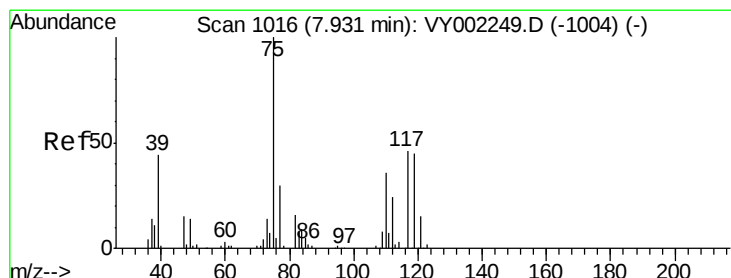
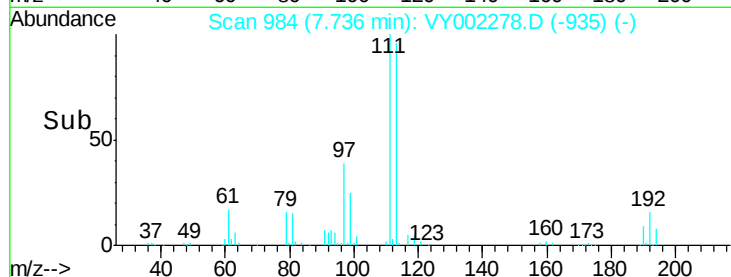
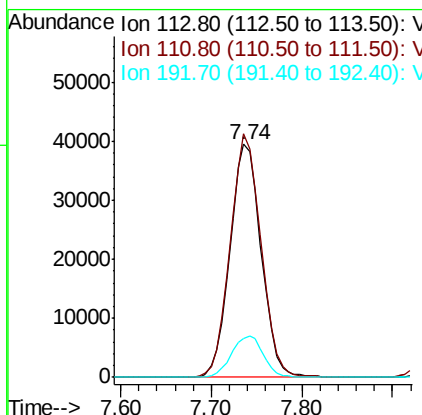
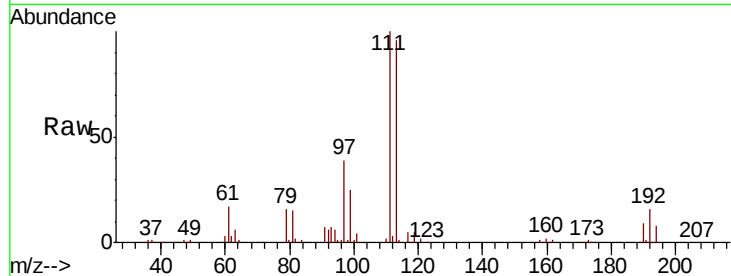




#35
 Dibromofluoromethane
 Concen: 50.324 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

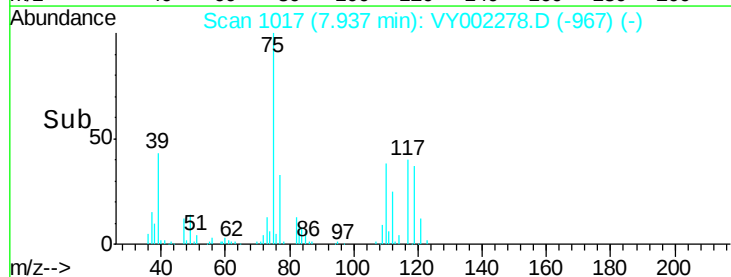
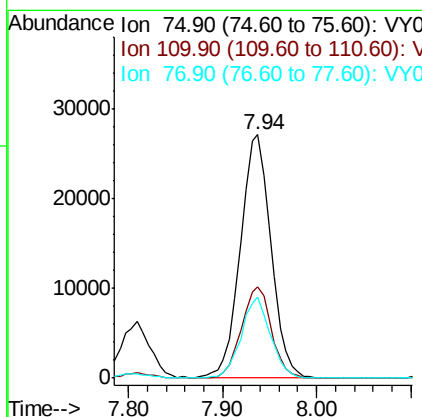
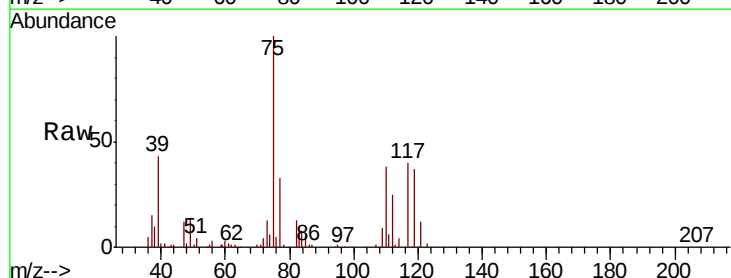
Instrument :
 MSVOA_Y
 ClientSampled :

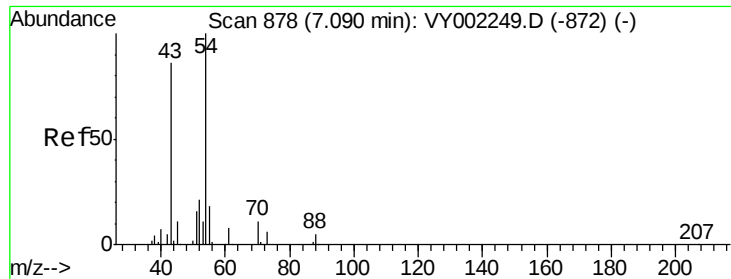
Tot Ion:113 Resp: 94320
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.5 125.3
 192 18.1 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 19.970 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion: 75 Resp: 61959
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.8 53.3
 77 31.8 24.4 36.6

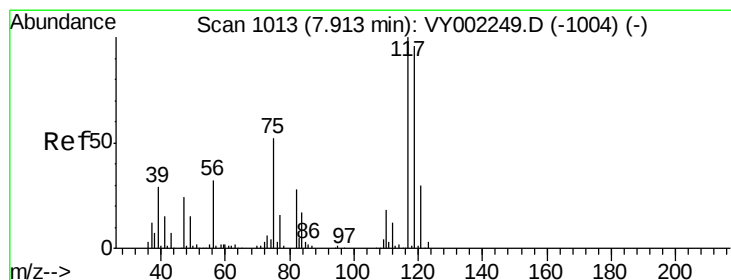
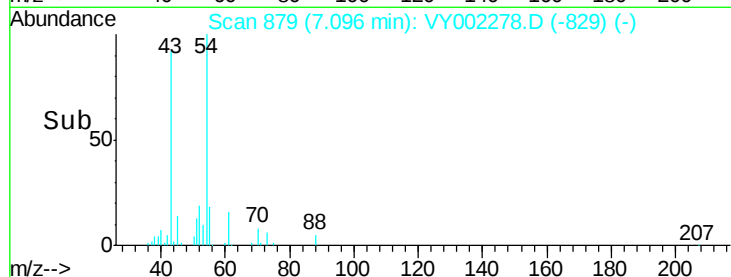
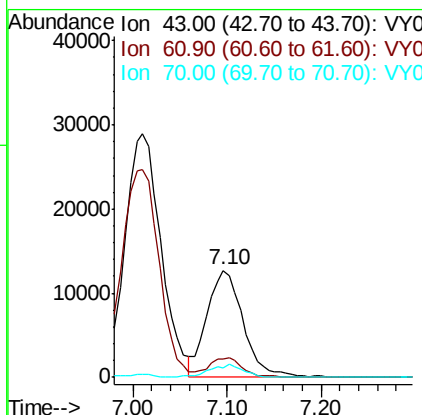
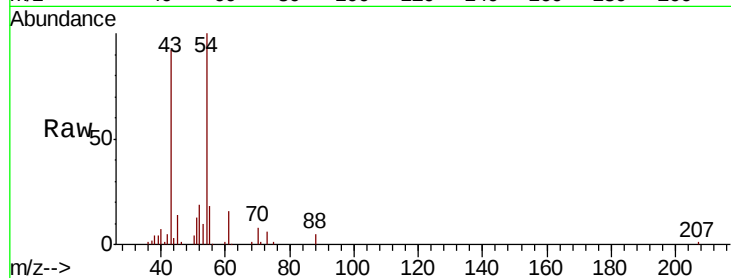




#37
Ethyl Acetate
Concen: 19.244 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

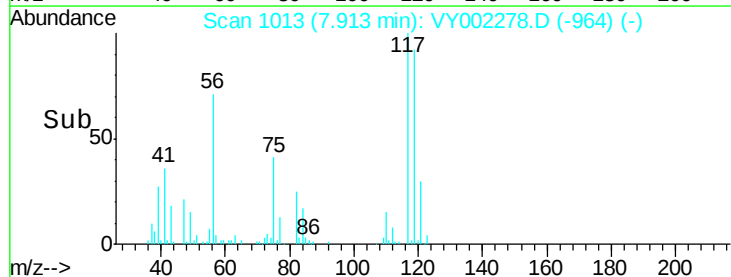
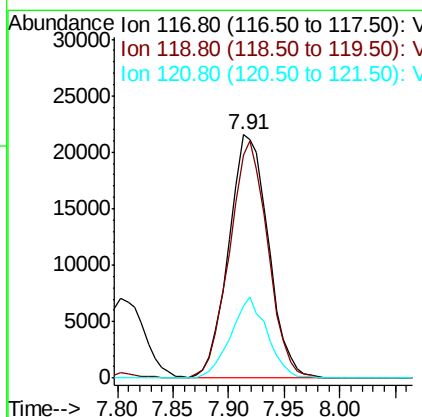
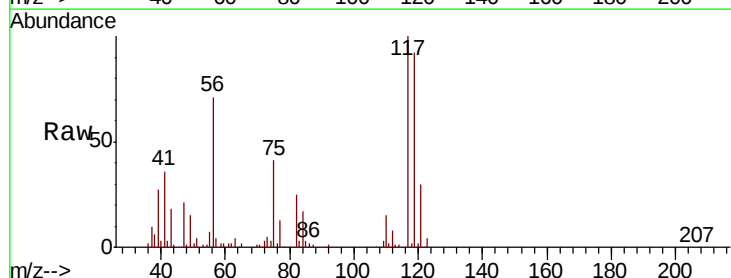
Instrument :
MSVOA_Y
ClientSampleId :

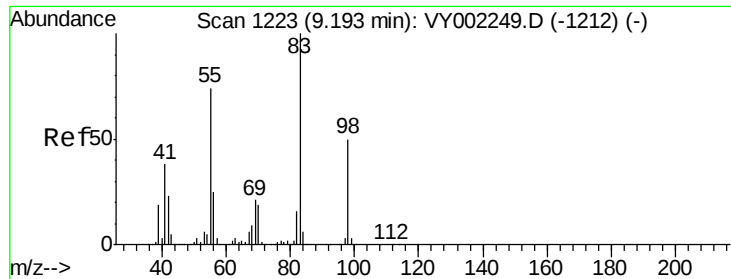
Tot Ion: 43 Resp: 34109
Ion Ratio Lower Upper
43 100
61 16.6 11.8 17.6
70 11.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.058 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion: 117 Resp: 53231
Ion Ratio Lower Upper
117 100
119 91.8 77.1 115.7
121 29.6 23.9 35.9

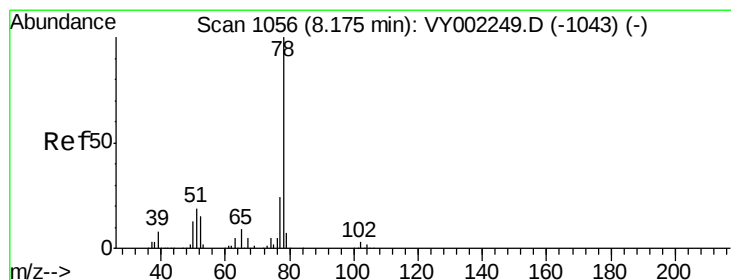
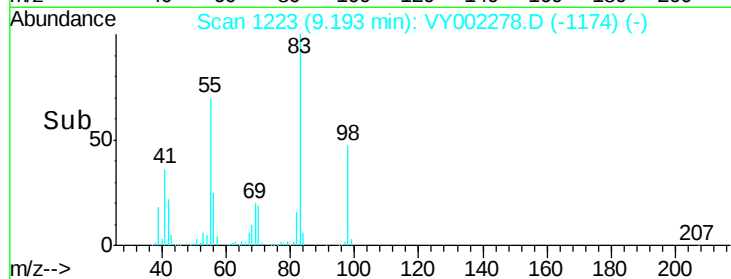
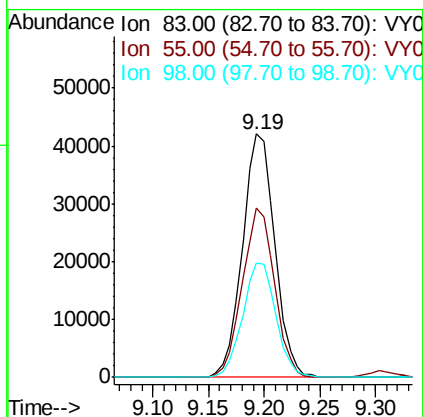
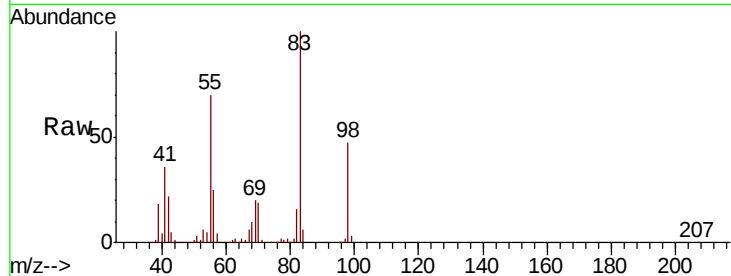




#39
Methvlcvclohexane
Concen: 20.180 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

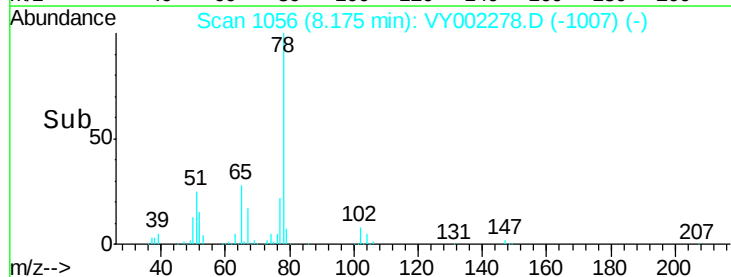
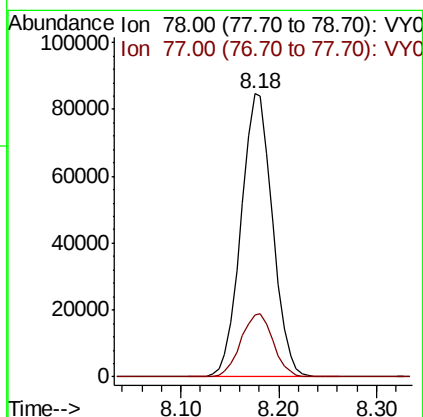
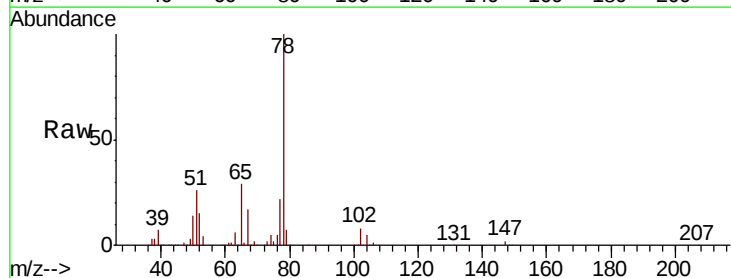
Instrument :
MSVOA_Y
ClientSampled :

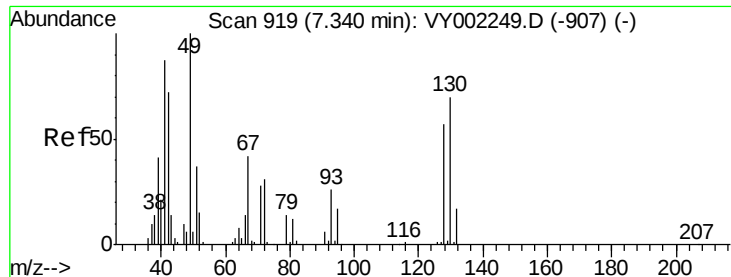
Tot Ion: 83 Resp: 85168
Ion Ratio Lower Upper
83 100
55 69.6 59.3 88.9
98 47.1 39.6 59.4



#40
Benzene
Concen: 20.035 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion: 78 Resp: 188594
Ion Ratio Lower Upper
78 100
77 22.0 18.9 28.3

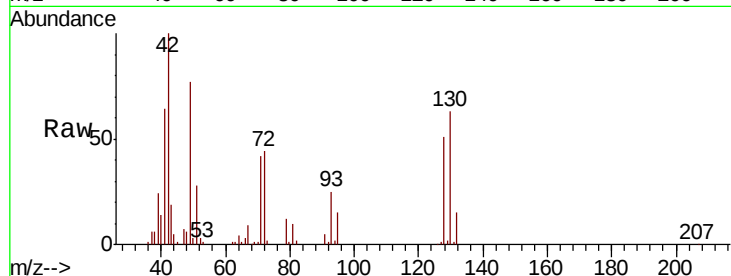




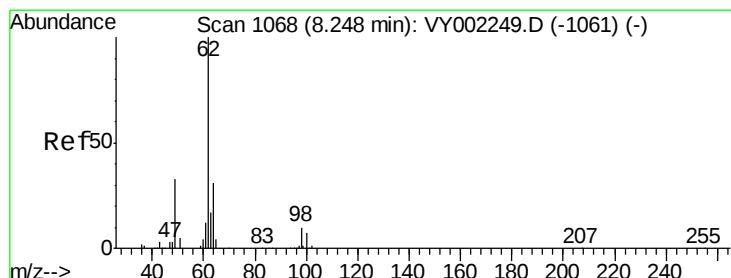
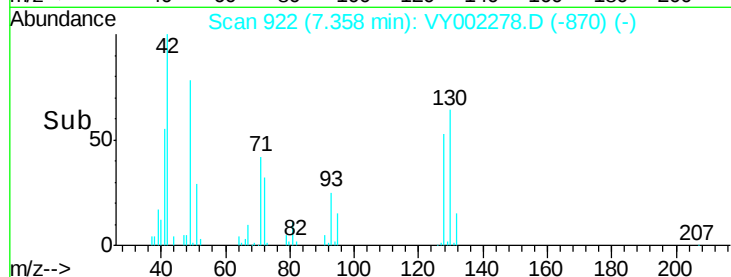
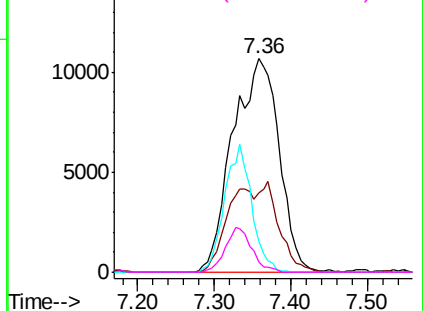
#41
Methacrylonitrile
Concen: 42.985 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	44944
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

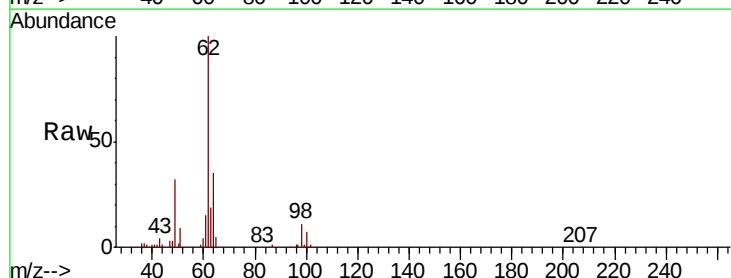


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

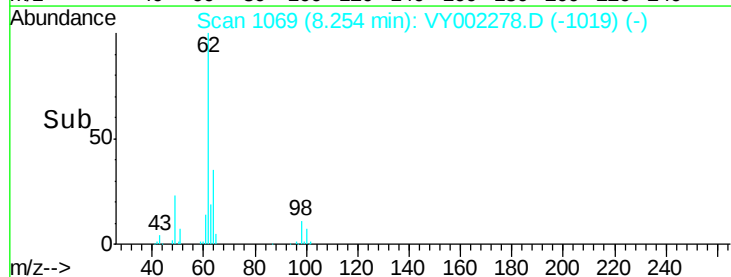
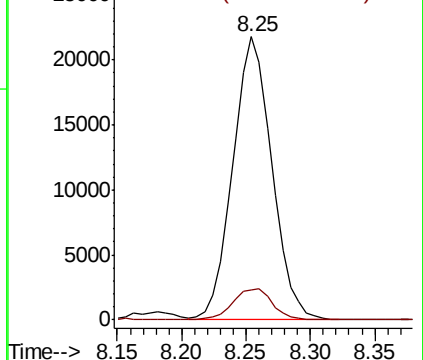


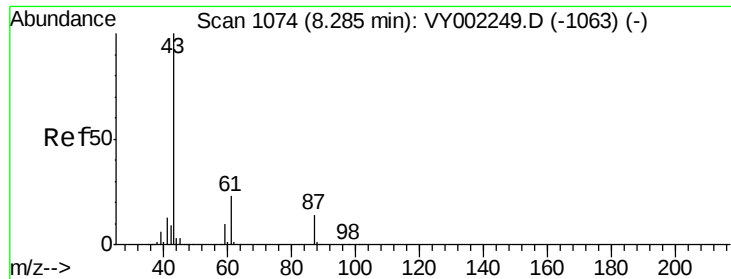
#42
1,2-Dichloroethane
Concen: 19.664 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion:	62	Resp:	45852
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.6



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

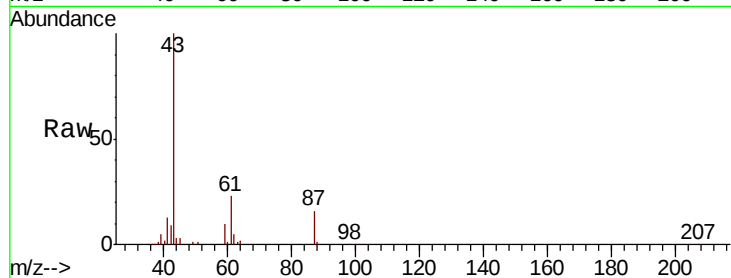




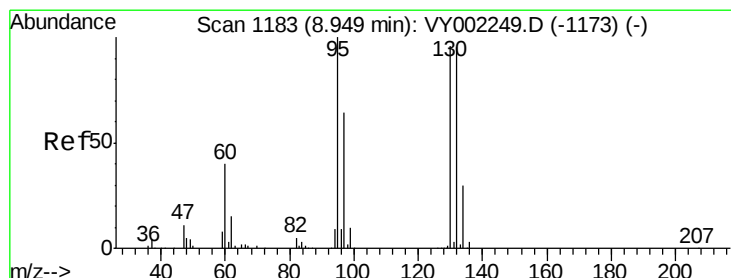
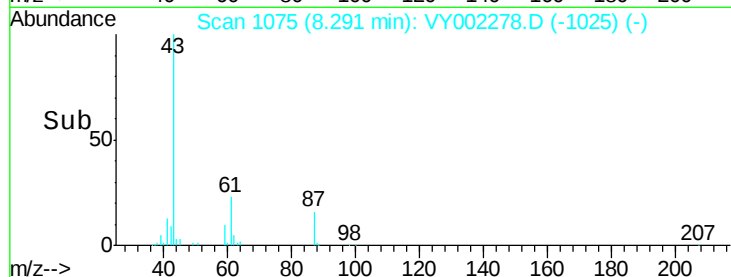
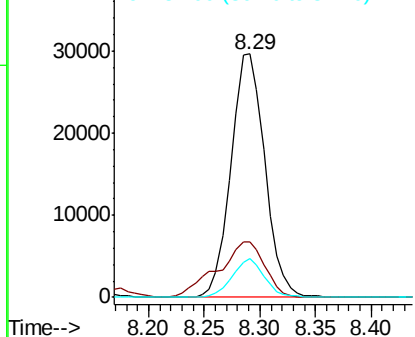
#43
Isopropyl Acetate
Concen: 19.357 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 62570
Ion Ratio Lower Upper
43 100
61 32.0 24.9 37.3
87 15.0 11.7 17.5

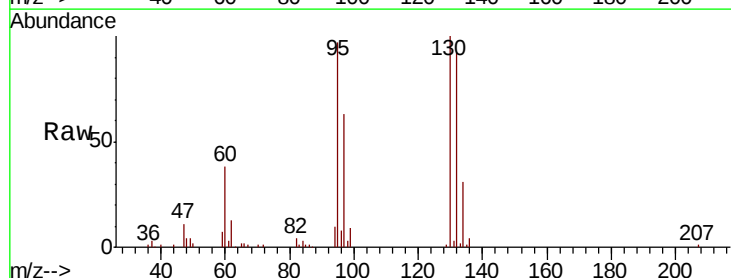


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

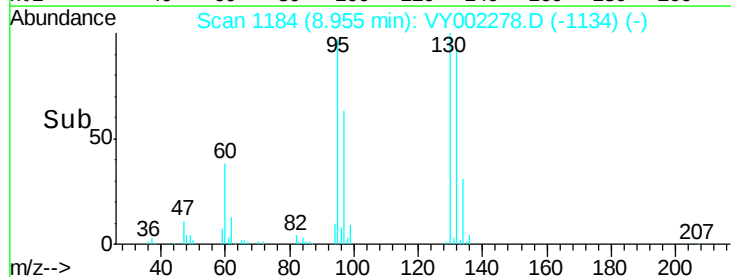
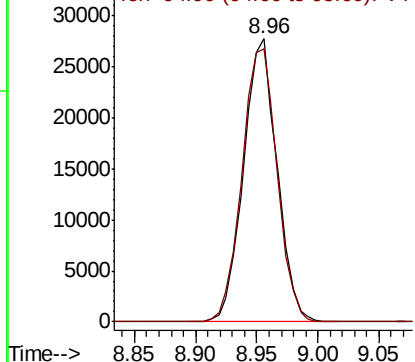


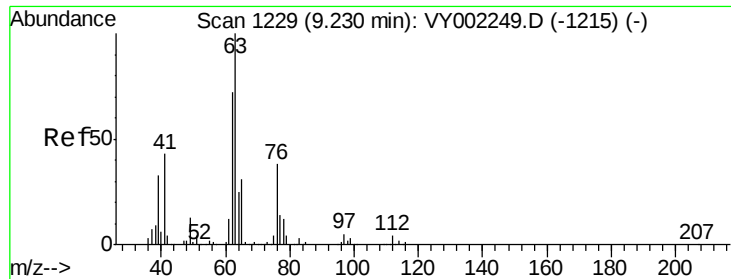
#44
Trichloroethene
Concen: 19.144 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion:130 Resp: 52980
Ion Ratio Lower Upper
130 100
95 96.7 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

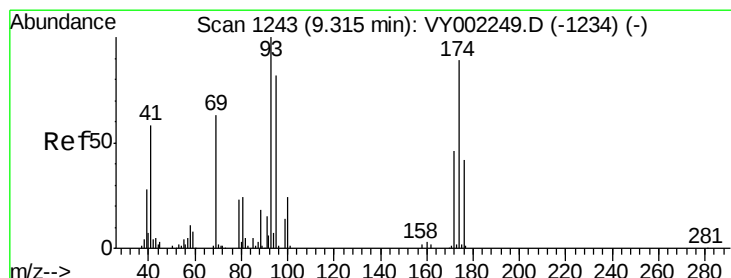
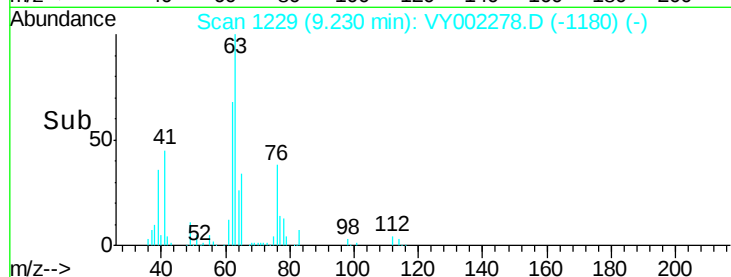
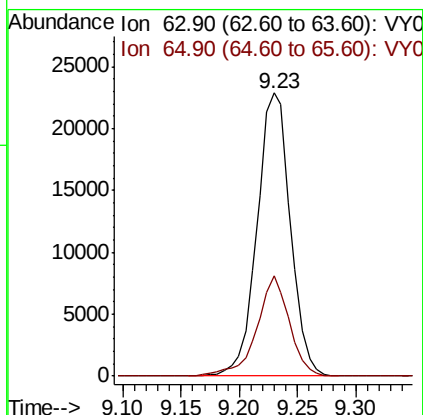
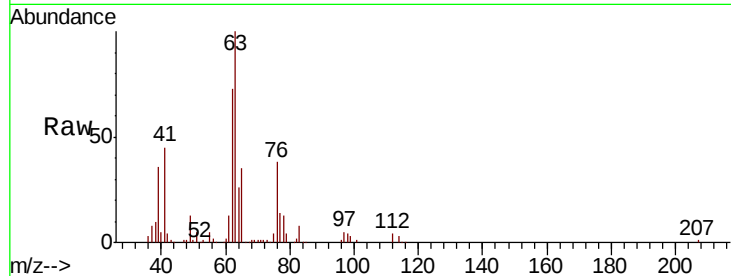




#45
 1,2-Dichloropropane
 Concen: 19.507 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

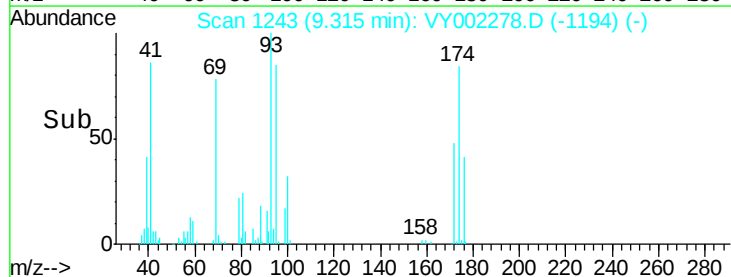
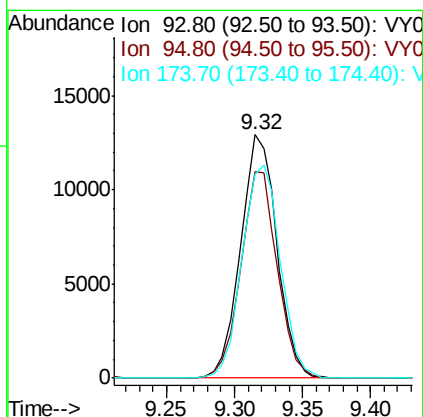
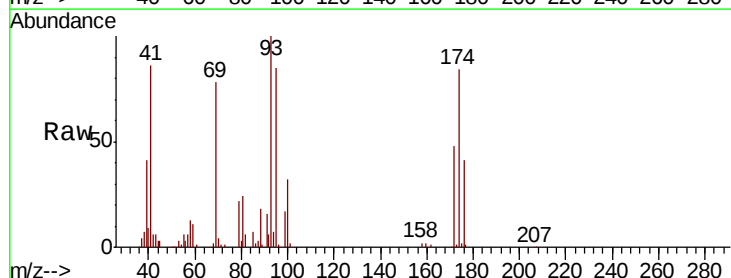
Instrument :
 MSVOA_Y
 ClientSampled :

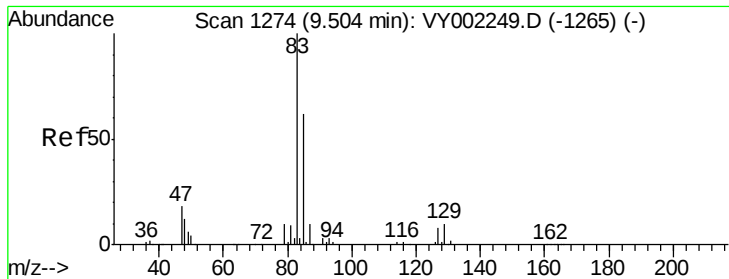
Tot Ion: 63 Resp: 45560
 Ion Ratio Lower Upper
 63 100
 65 35.4 24.6 37.0



#46
 Dibromomethane
 Concen: 19.724 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion: 93 Resp: 24086
 Ion Ratio Lower Upper
 93 100
 95 85.2 67.3 100.9
 174 92.0 72.5 108.7





#47

Bromodichloromethane

Concen: 19.765 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

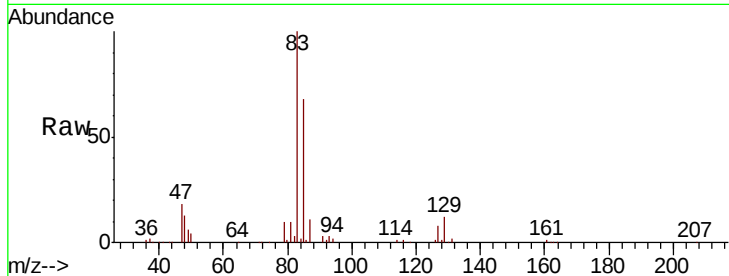
Tot Ion: 83 Resp: 55381

Ion Ratio Lower Upper

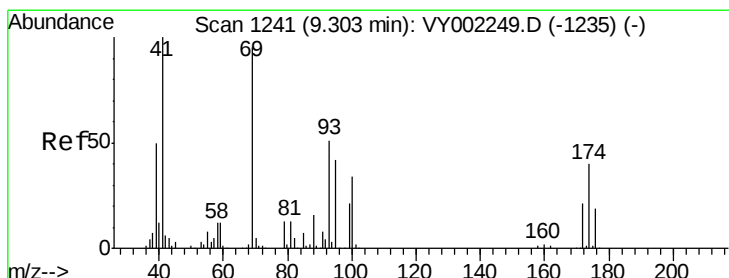
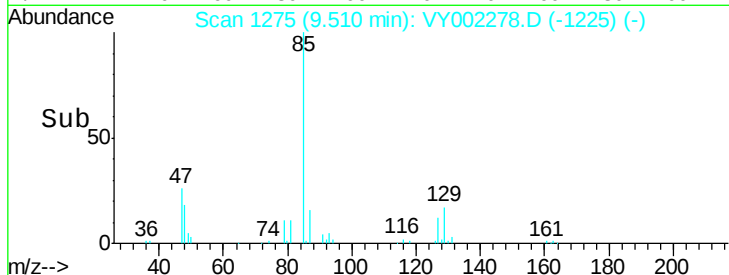
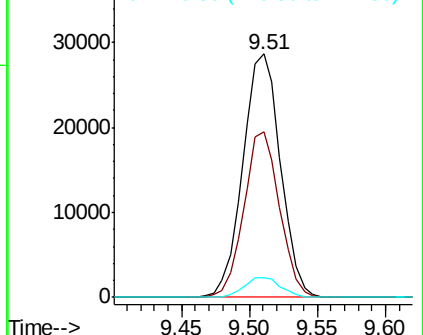
83 100

85 68.0 49.7 74.5

127 7.9 6.2 9.4



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



#48

Methyl methacrylate

Concen: 19.426 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

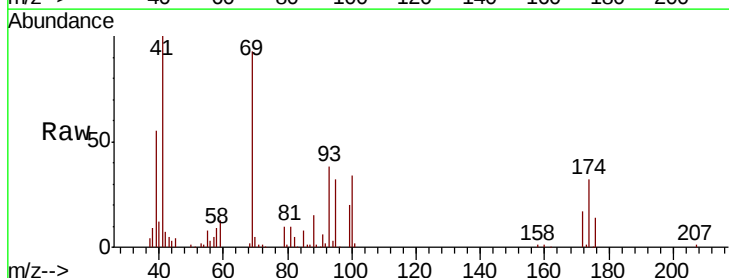
Tgt Ion: 41 Resp: 28157

Ion Ratio Lower Upper

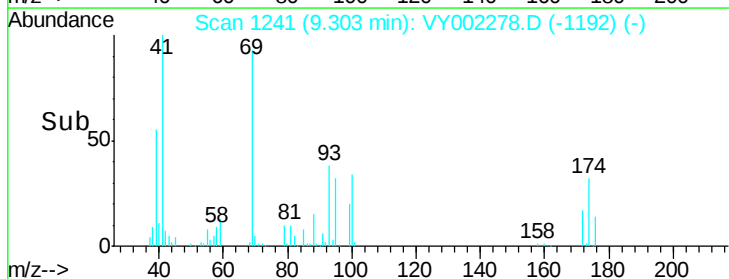
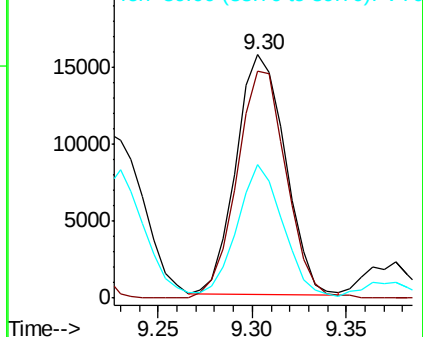
41 100

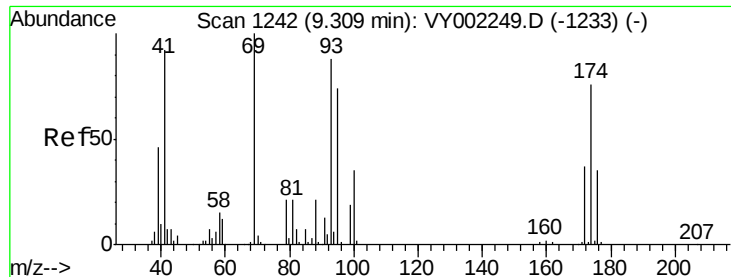
69 95.4 76.7 115.1

39 50.6 40.5 60.7



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

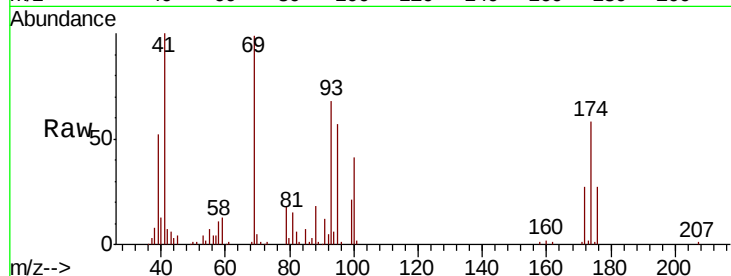




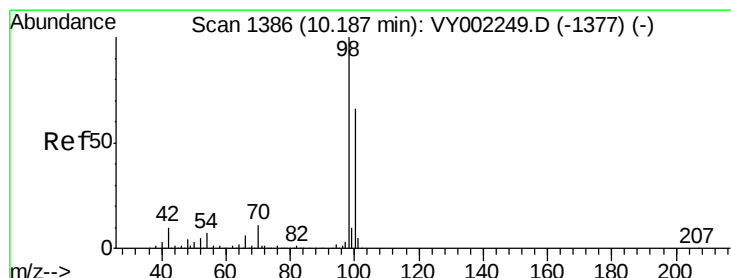
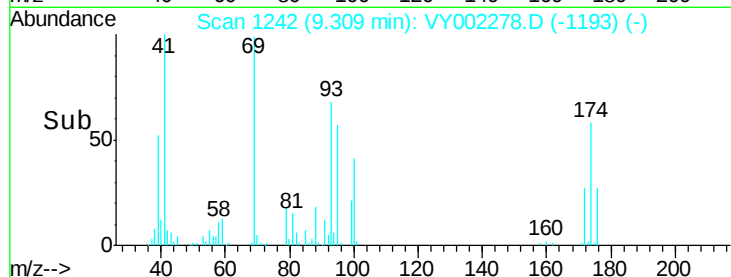
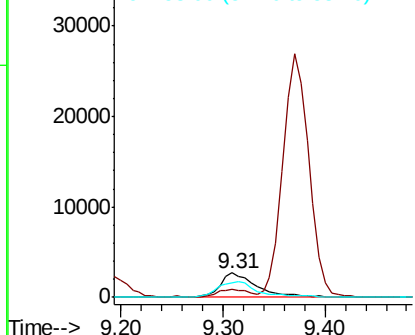
#49
 1,4-Dioxane
 Concen: 387.923 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 6701
 Ion Ratio Lower Upper
 88 100
 43 29.8 22.2 33.2
 58 72.8 57.6 86.4

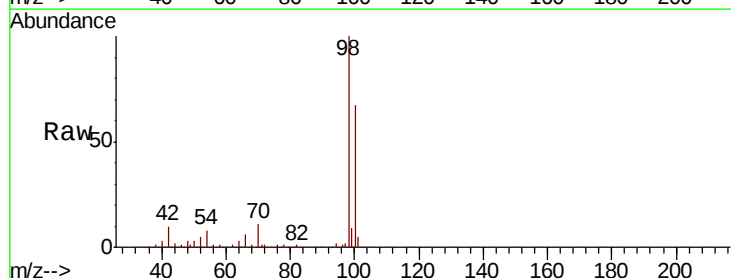


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

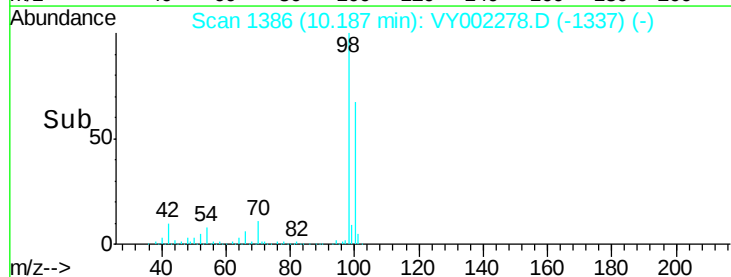
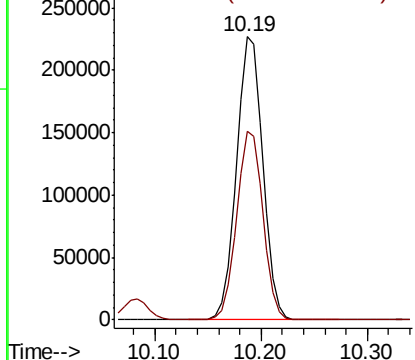


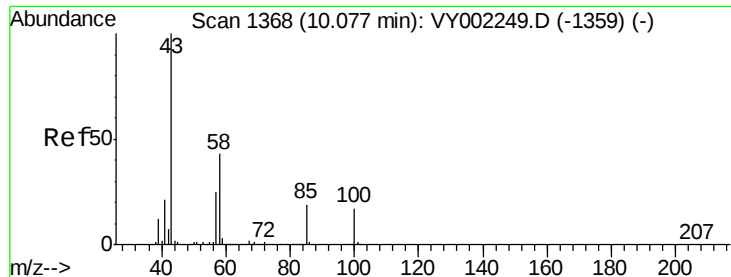
#50
 Toluene-d8
 Concen: 50.184 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion: 98 Resp: 393689
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.6 78.8



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

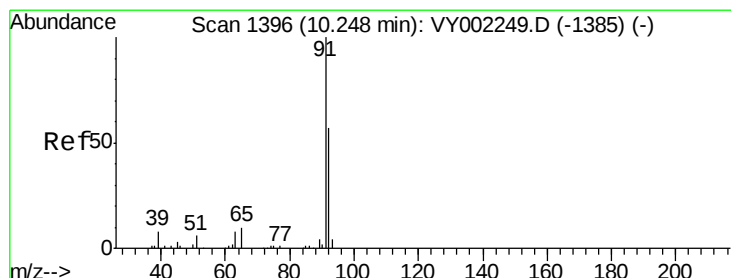
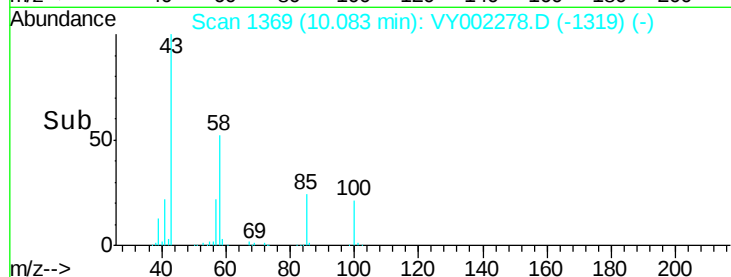
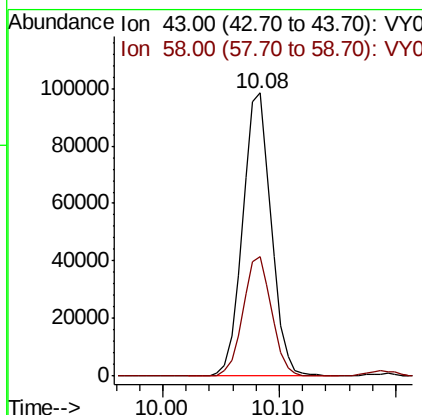
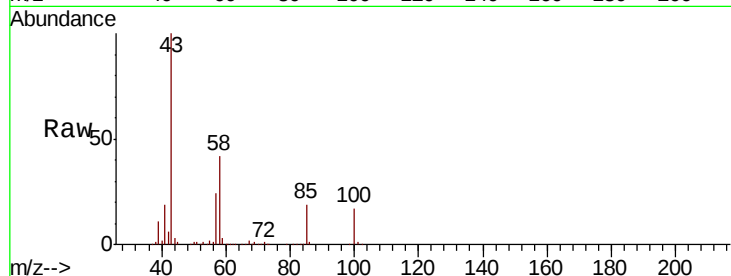




#51
4-Methyl-2-Pentanone
Concen: 100.041 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

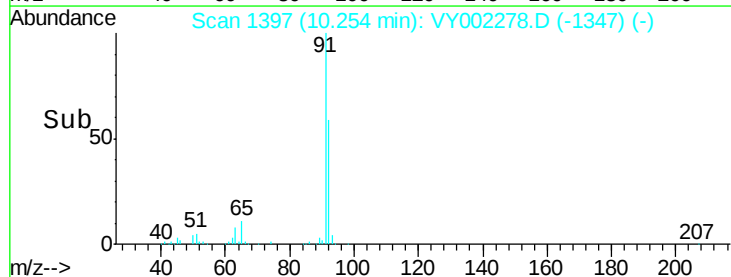
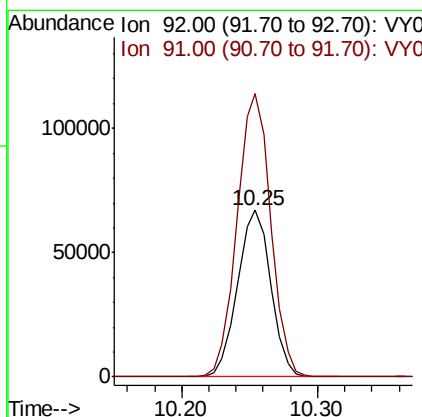
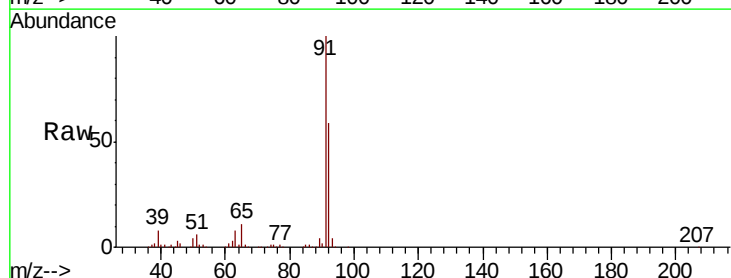
Instrument :
MSVOA_Y
ClientSampled :

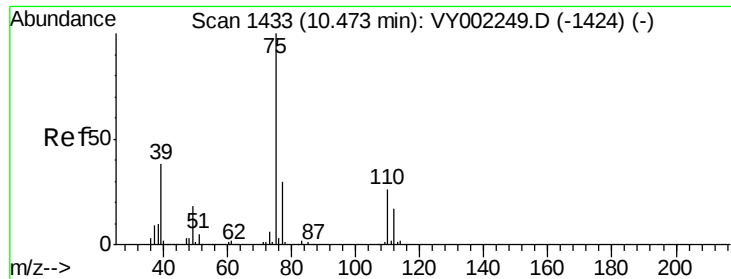
Tot Ion: 43 Resp: 168508
Ion Ratio Lower Upper
43 100
58 42.3 33.8 50.8



#52
Toluene
Concen: 20.199 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion: 92 Resp: 114588
Ion Ratio Lower Upper
92 100
91 171.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.882 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

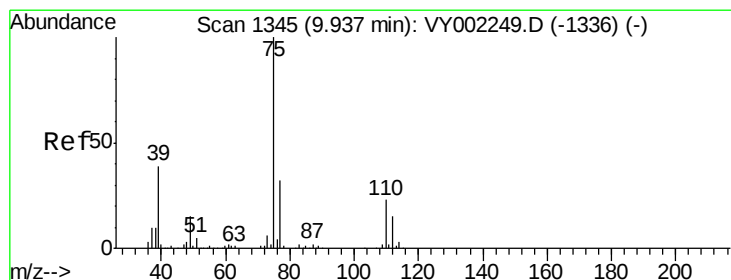
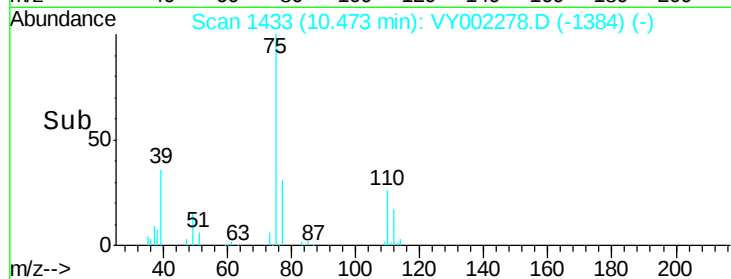
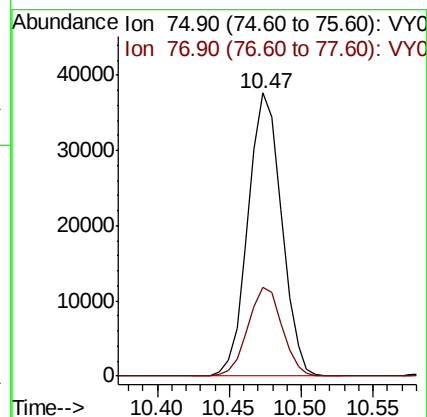
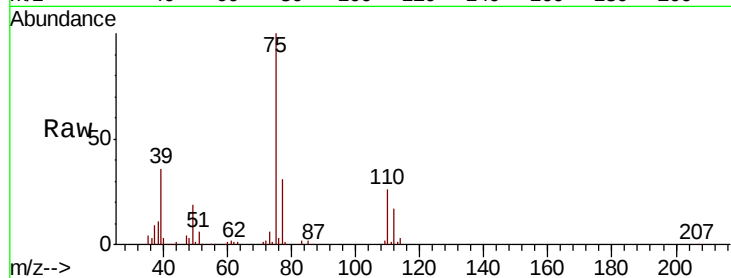
ClientSampleId :

Tot Ion: 75 Resp: 60698

Ion Ratio Lower Upper

75 100

77 31.3 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 20.028 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

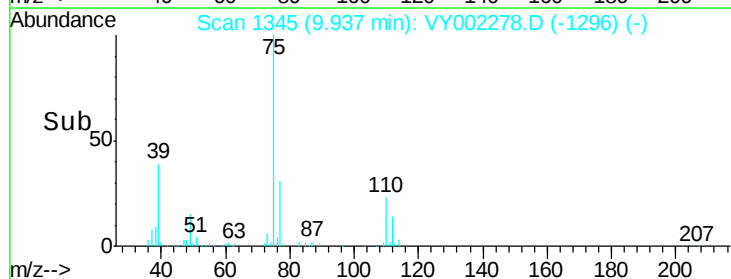
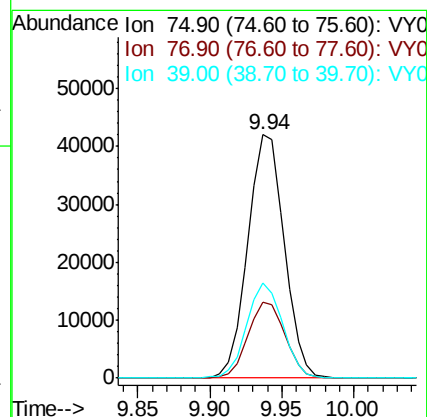
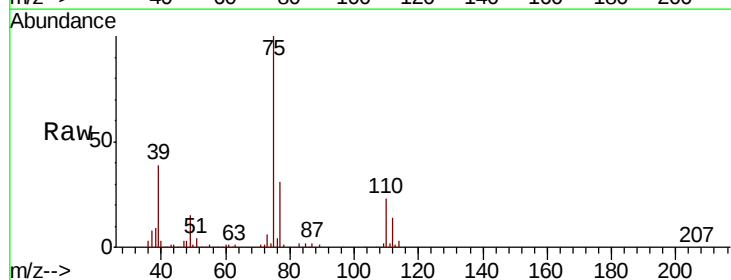
Tgt Ion: 75 Resp: 73508

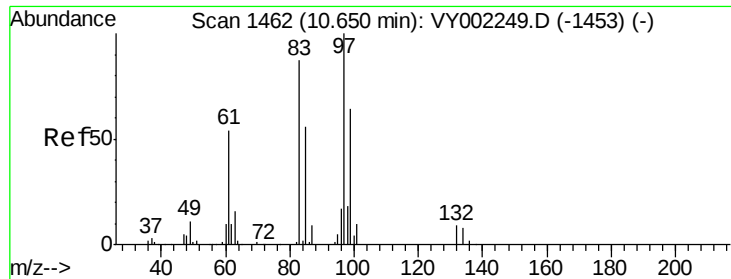
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.8

39 38.9 30.8 46.2

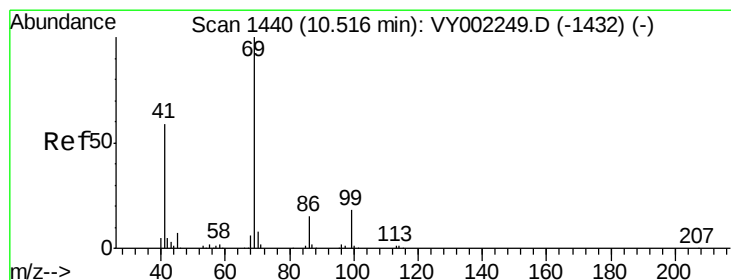
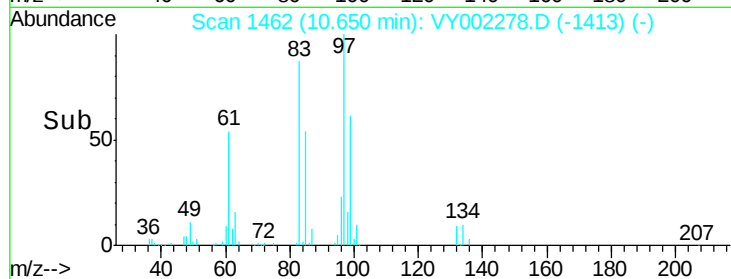
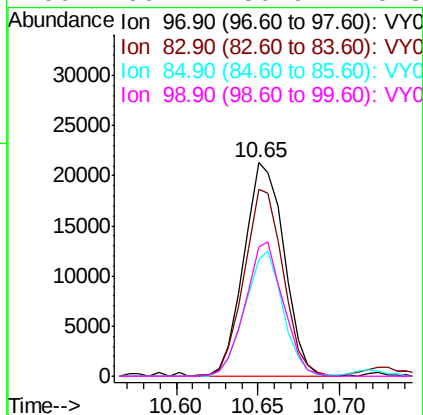
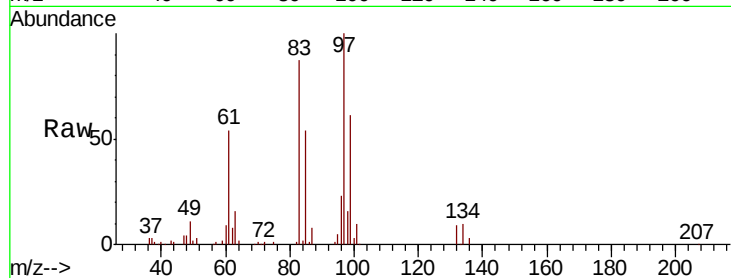




#55
 1,1,2-Trichloroethane
 Concen: 20.488 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

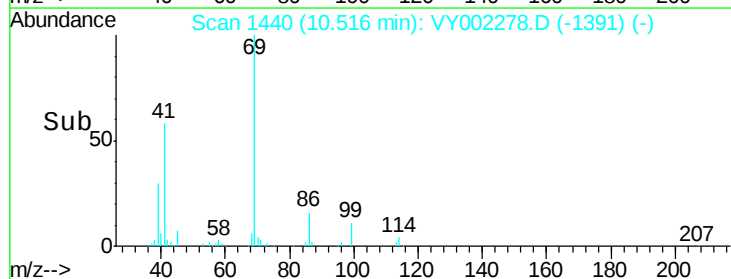
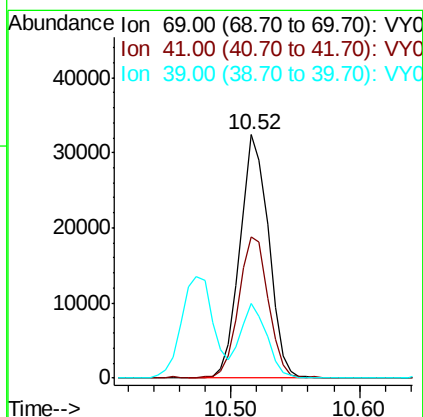
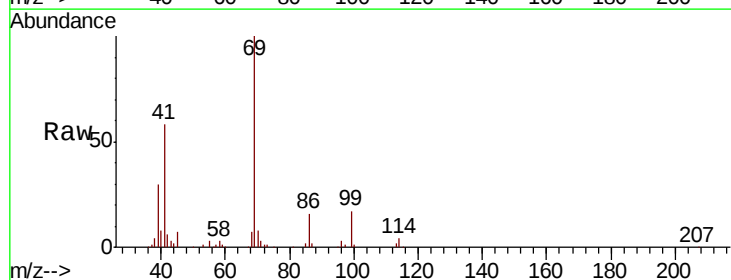
Instrument :
 MSVOA_Y
 ClientSampleId :

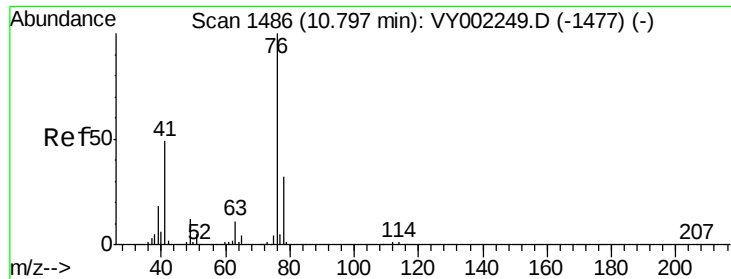
Tot Ion:	97	Resp:	36629
Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.5	104.3
85	54.4	45.2	67.8
99	60.7	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 19.594 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion:	69	Resp:	49997
Ion	Ratio	Lower	Upper
69	100		
41	60.4	47.9	71.9
39	28.3	23.8	35.6





#57

1,3-Dichloropropane

Concen: 19.728 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

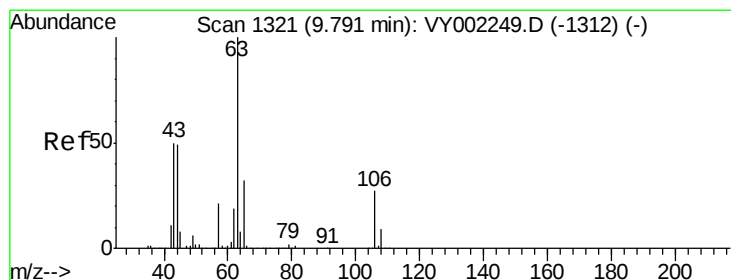
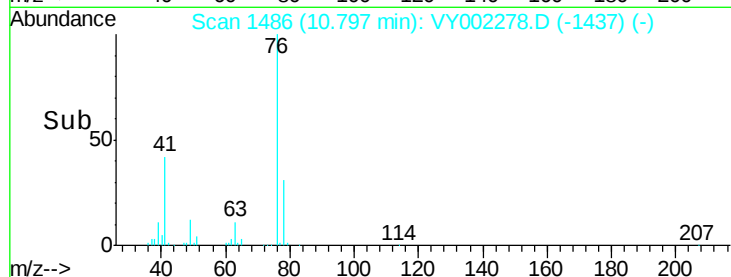
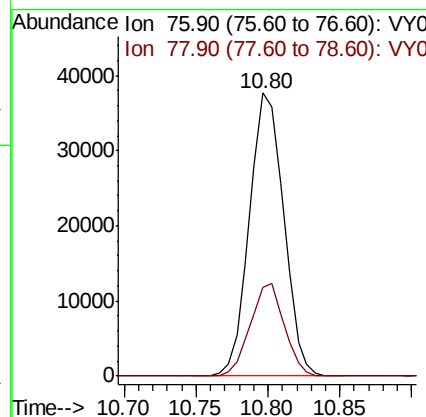
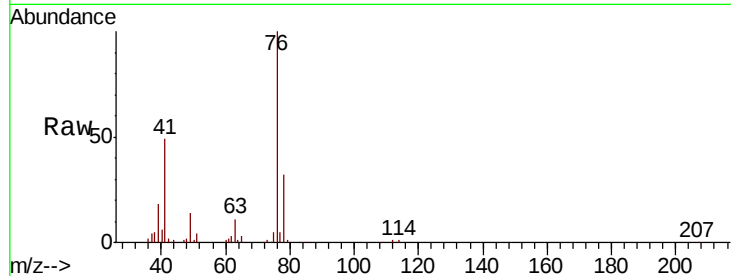
ClientSampled :

Tot Ion: 76 Resp: 61995

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.981 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002278.D

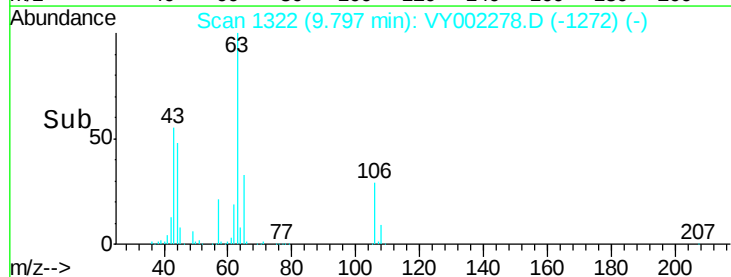
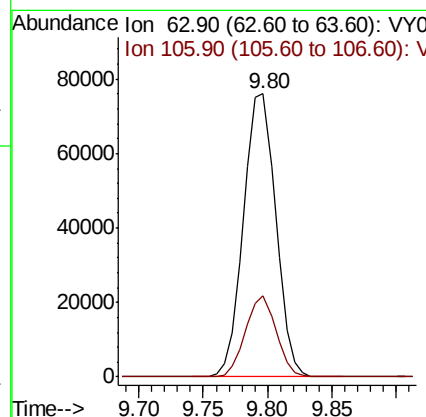
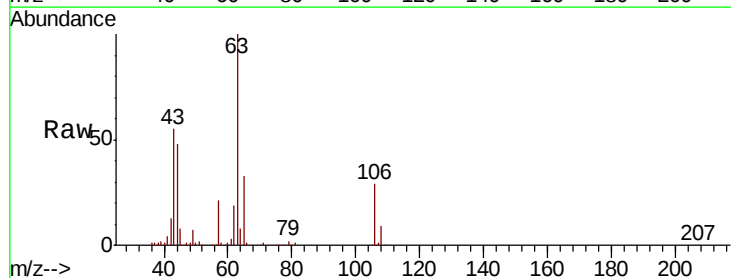
Acq: 13 Apr 2020 14:32

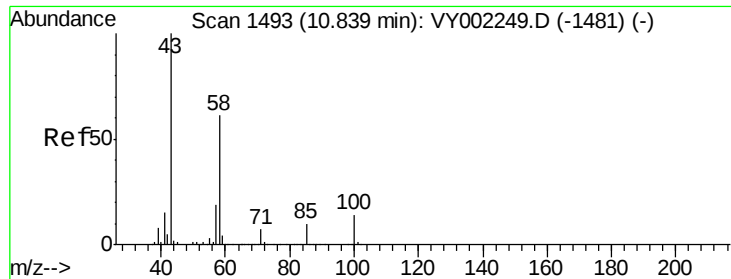
Tgt Ion: 63 Resp: 132113

Ion Ratio Lower Upper

63 100

106 27.2 22.2 33.2

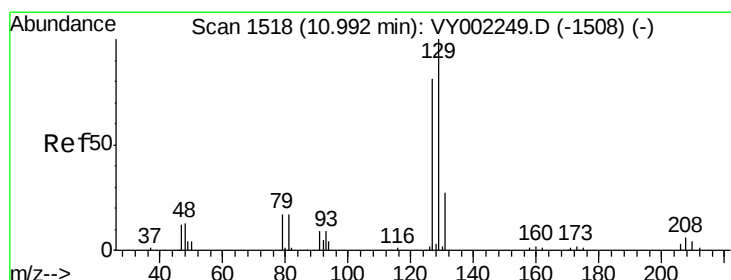
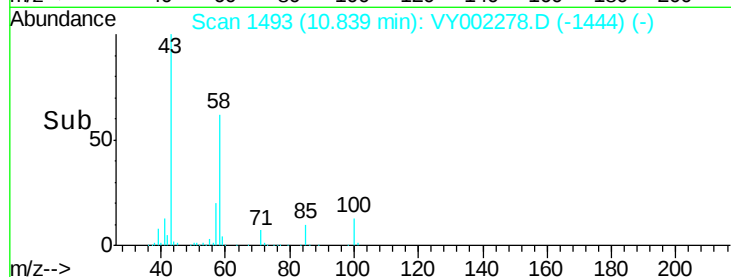
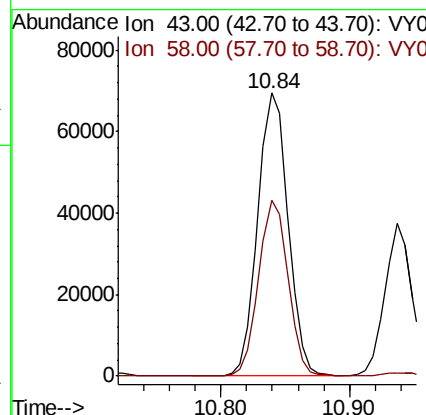
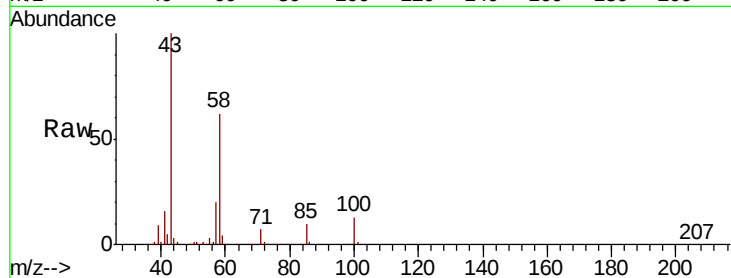




#59
2-Hexanone
Concen: 96.697 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

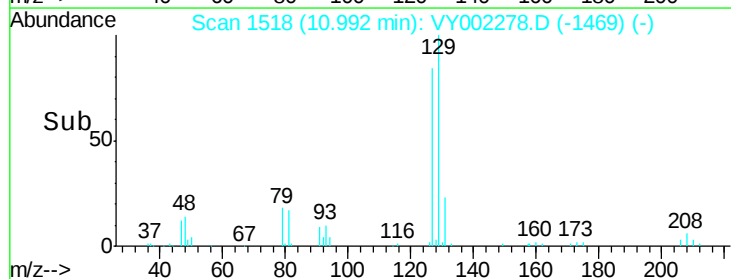
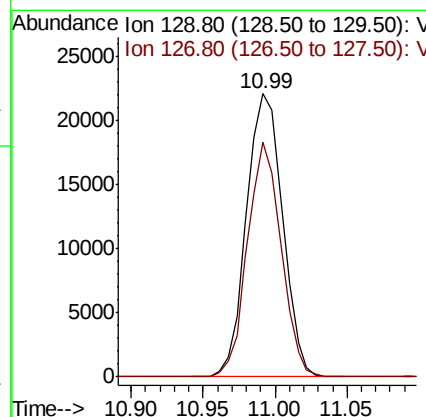
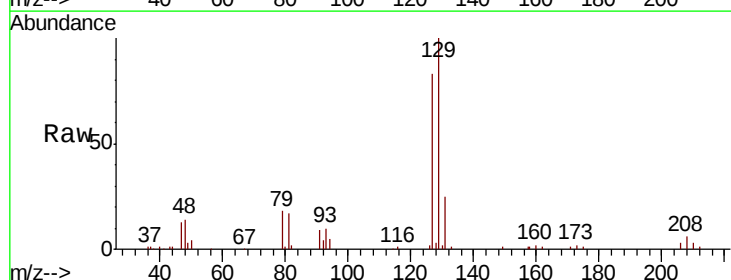
Instrument :
MSVOA_Y
ClientSampleId :

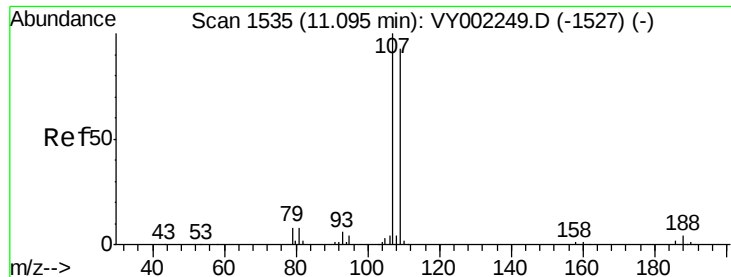
Tot Ion: 43 Resp: 113040
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.3



#60
Dibromochloromethane
Concen: 20.120 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion: 129 Resp: 38357
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

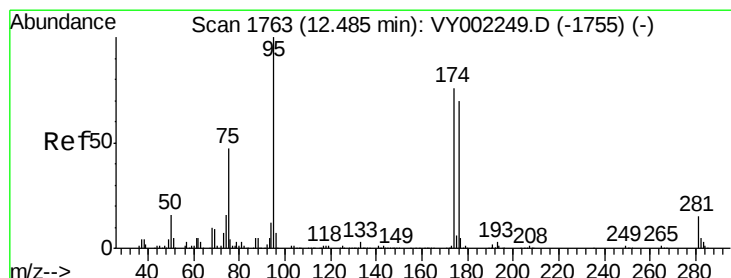
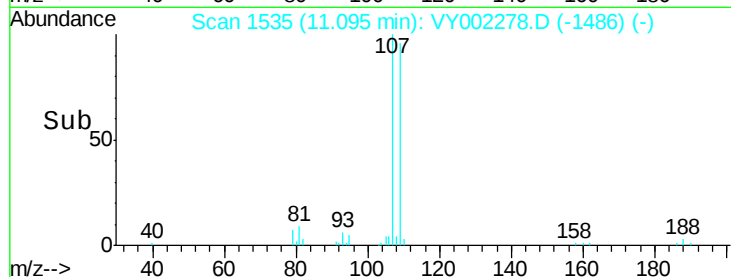
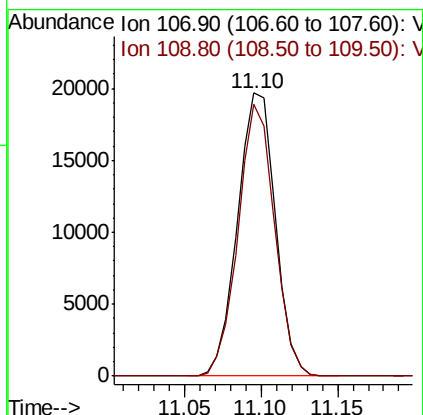
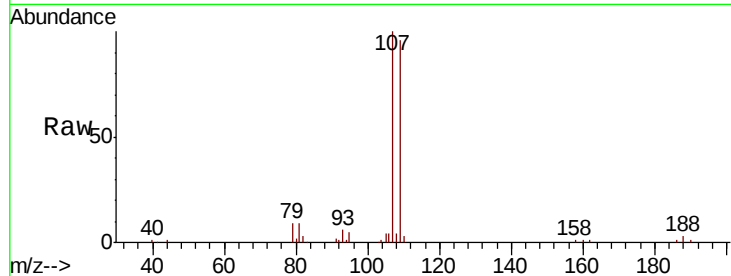




#61
 1,2-Dibromoethane
 Concen: 19.871 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

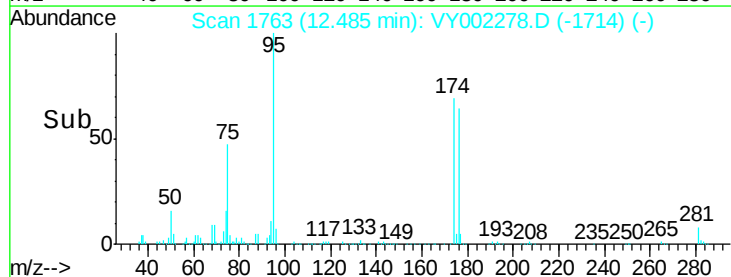
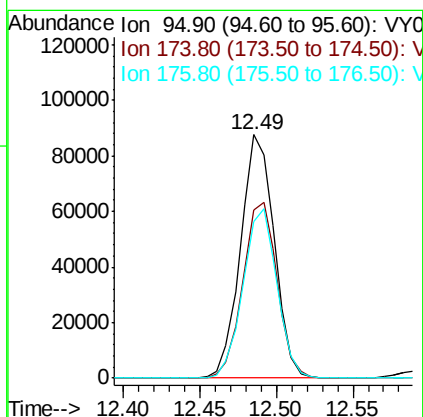
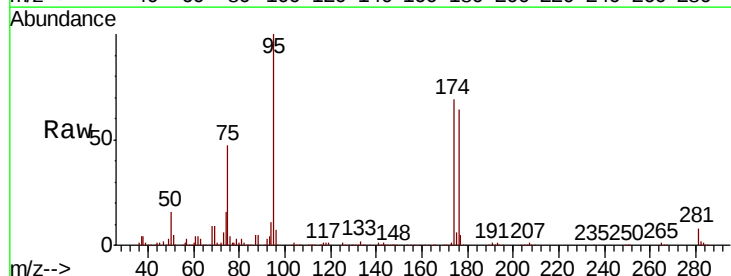
Instrument :
 MSVOA_Y
 ClientSampleId :

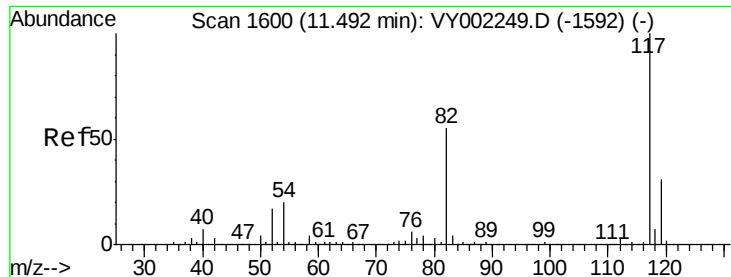
Tot Ion: 107 Resp: 33821
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.663 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion: 95 Resp: 133710
 Ion Ratio Lower Upper
 95 100
 174 73.5 0.0 150.6
 176 70.2 0.0 141.4

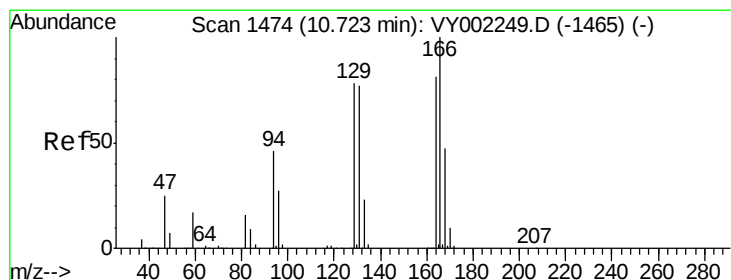
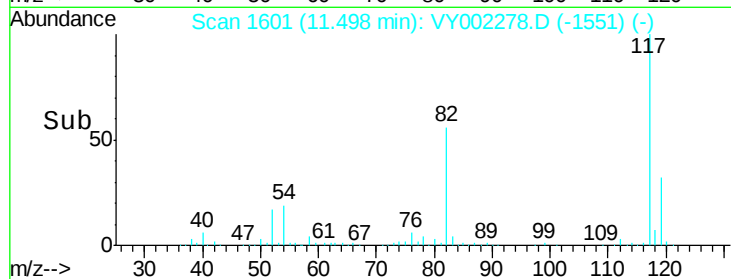
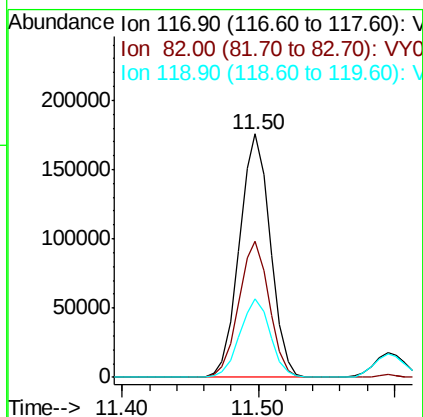
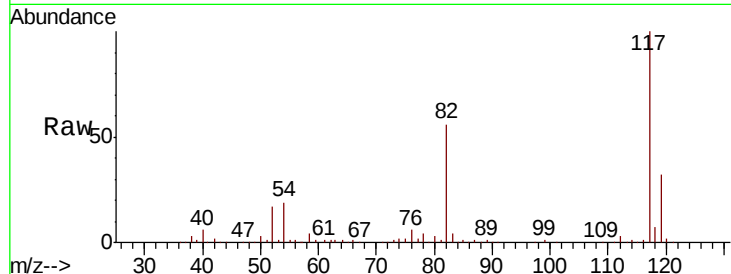




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

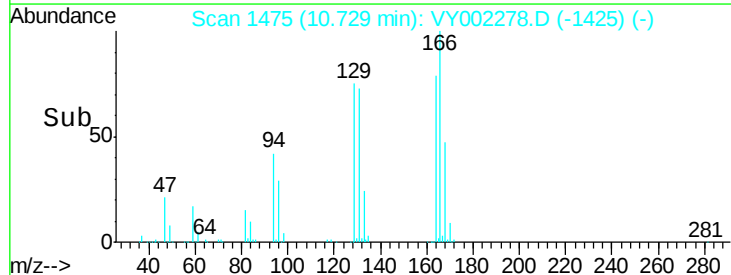
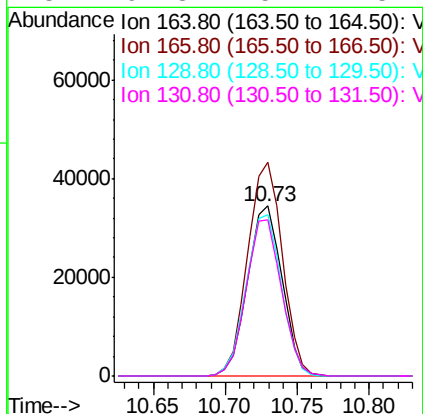
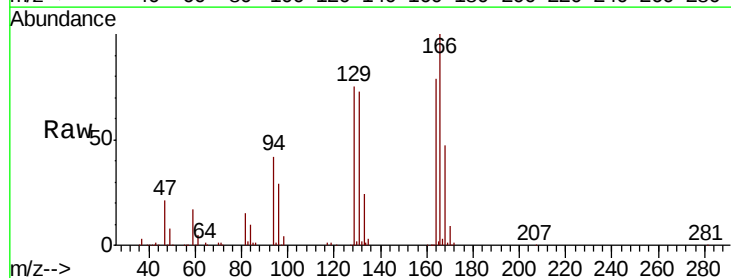
Instrument :
MSVOA_Y
ClientSampleId :

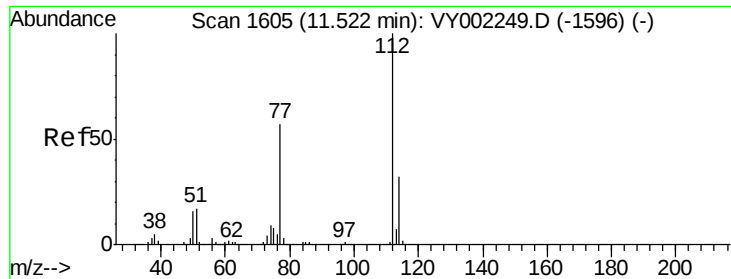
Tot Ion:117 Resp: 277779
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.4
119 32.0 25.1 37.7



#64
Tetrachloroethene
Concen: 20.290 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion:164 Resp: 56984
Ion Ratio Lower Upper
164 100
166 125.9 98.4 147.6
129 94.8 76.6 115.0
131 92.3 75.4 113.2

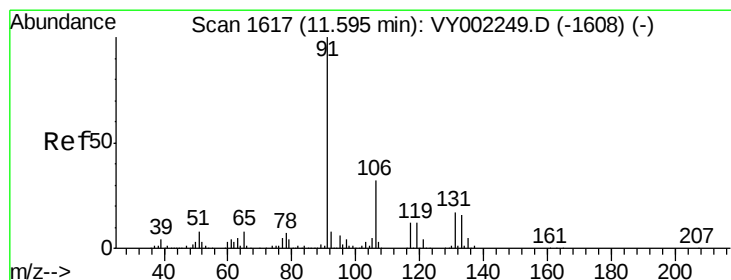
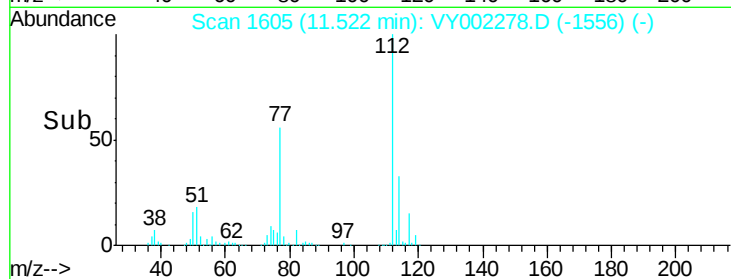
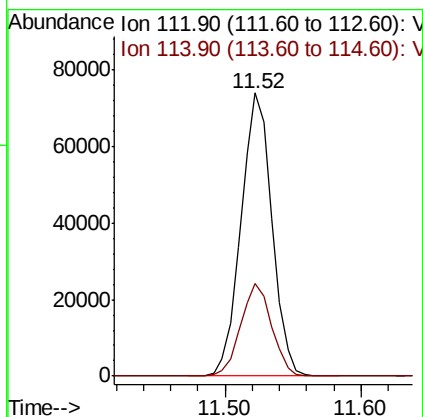
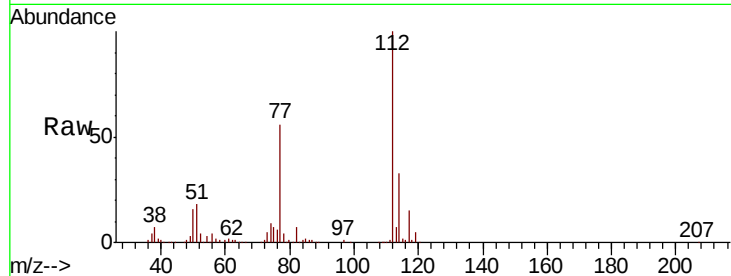




#65
Chlorobenzene
Concen: 20.339 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

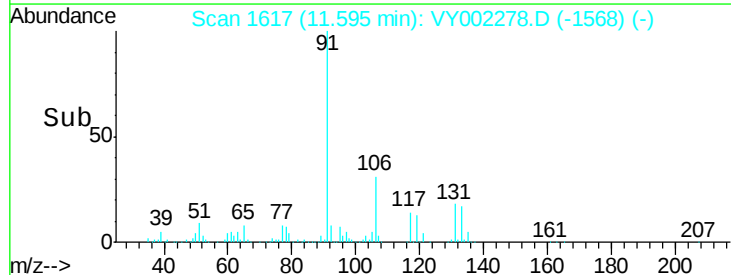
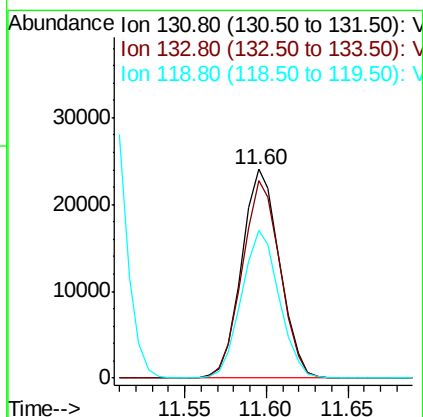
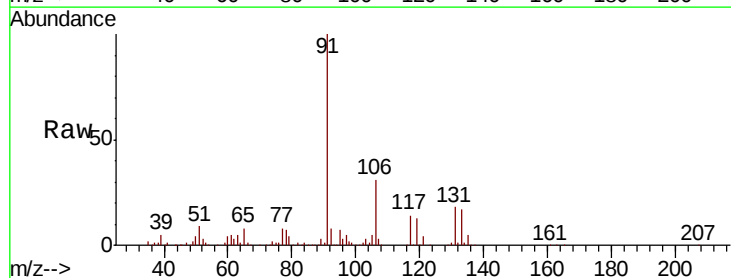
Instrument :
MSVOA_Y
ClientSampleId :

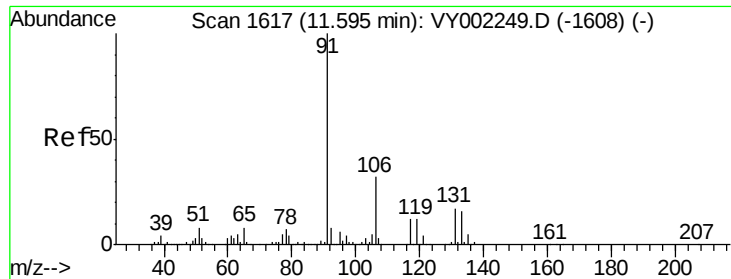
Tot Ion:112 Resp: 117444
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.484 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion:131 Resp: 39051
Ion Ratio Lower Upper
131 100
133 94.7 46.5 139.3
119 70.1 34.5 103.6

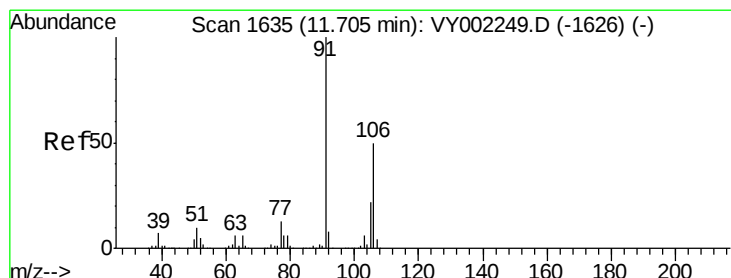
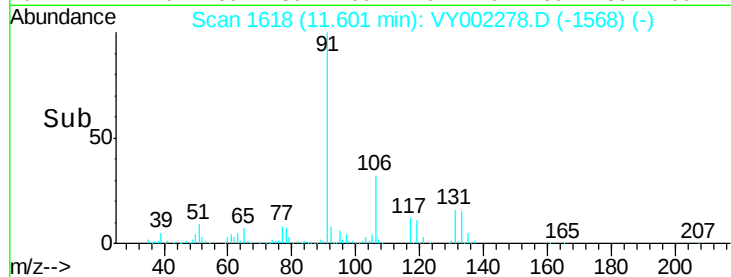
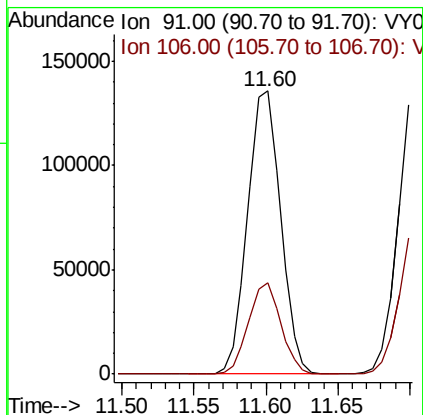
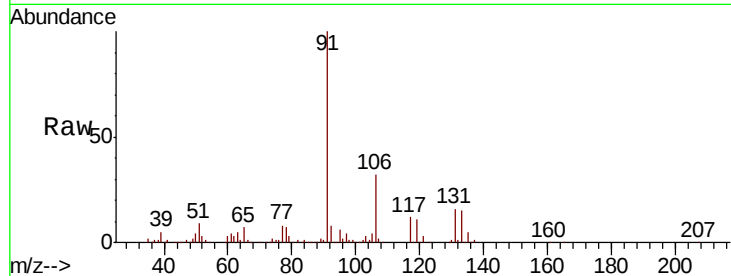




#67
Ethyl Benzene
Concen: 20.391 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

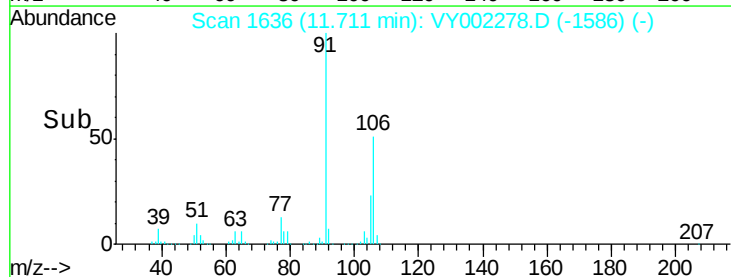
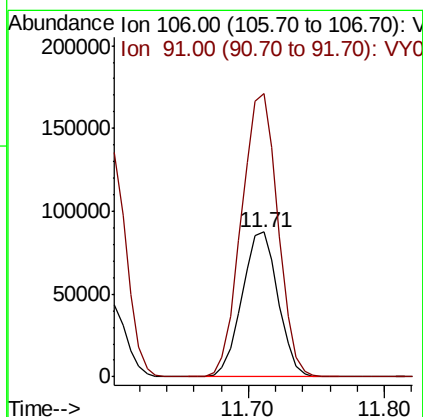
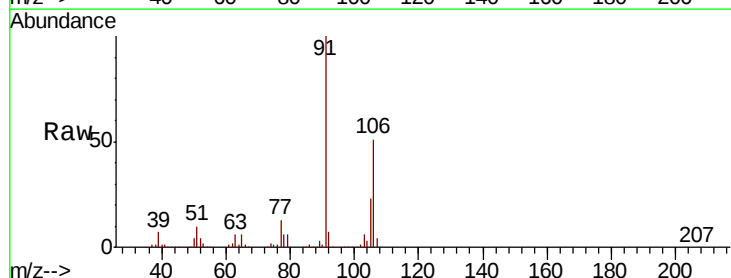
Instrument :
MSVOA_Y
ClientSampled :

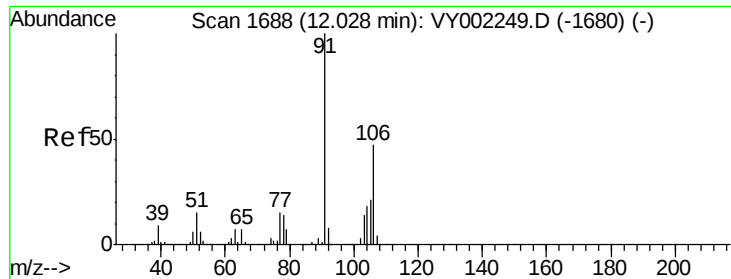
Tot Ion: 91 Resp: 215551
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.0



#68
m/p-Xylenes
Concen: 41.018 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion: 106 Resp: 162397
Ion Ratio Lower Upper
106 100
91 197.4 159.8 239.6

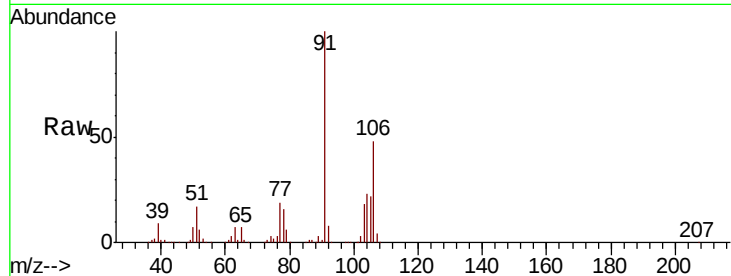




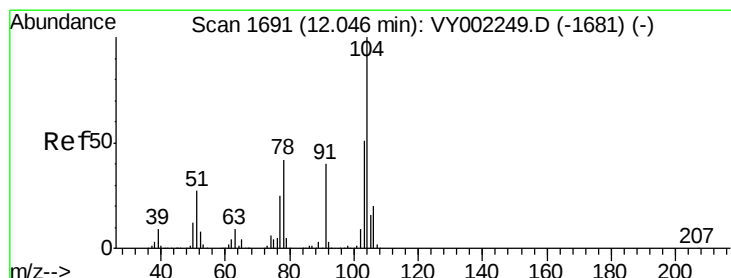
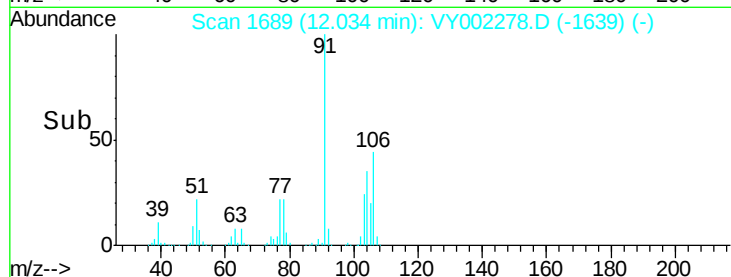
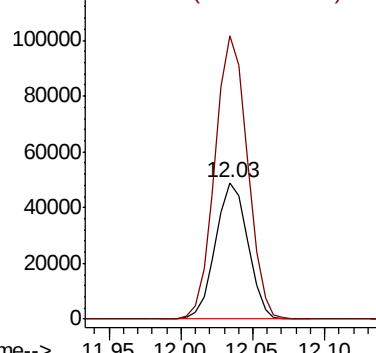
#69
o-Xylene
Concen: 20.484 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 76142
Ion Ratio Lower Upper
106 100
91 208.2 105.8 317.3

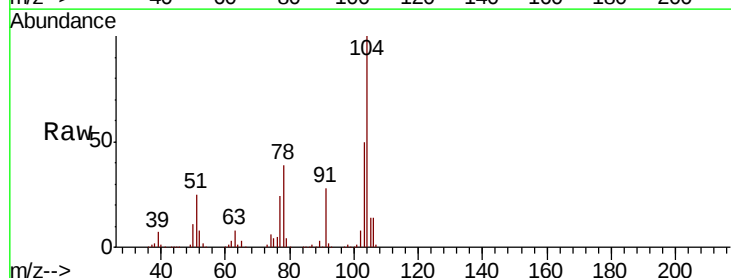


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

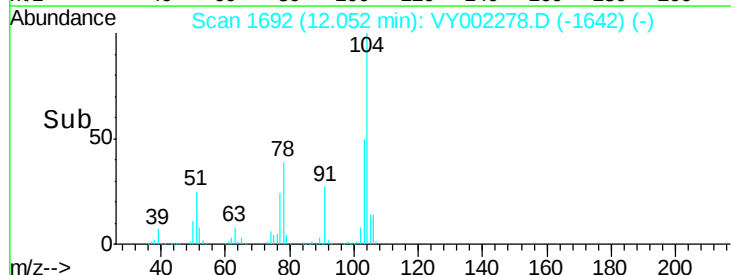
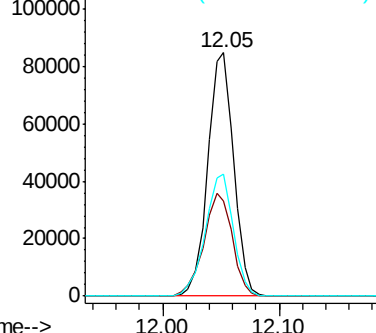


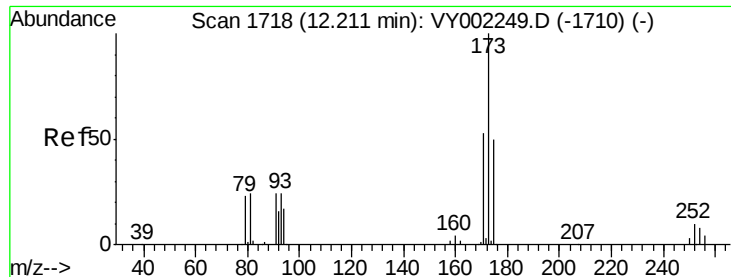
#70
Styrene
Concen: 20.322 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion:104 Resp: 131057
Ion Ratio Lower Upper
104 100
78 46.6 37.2 55.8
103 54.4 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.601 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

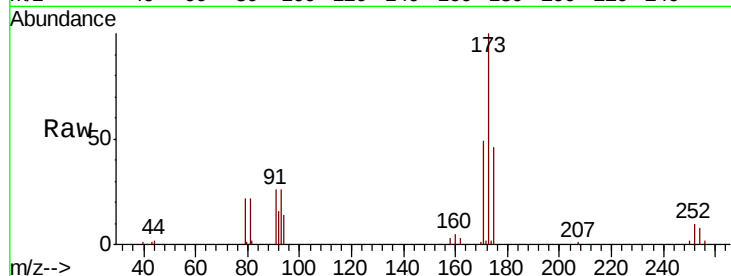
Tot Ion:173 Resp: 21358

Ion Ratio Lower Upper

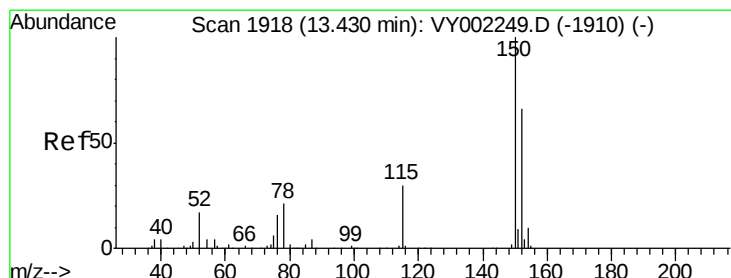
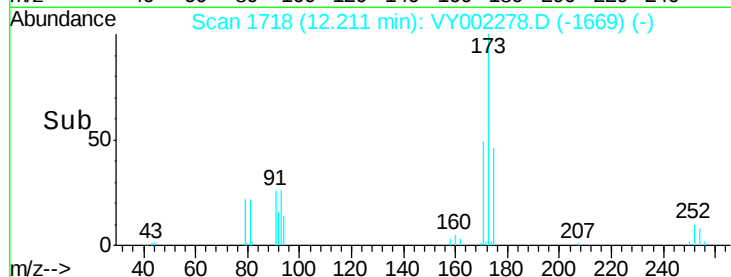
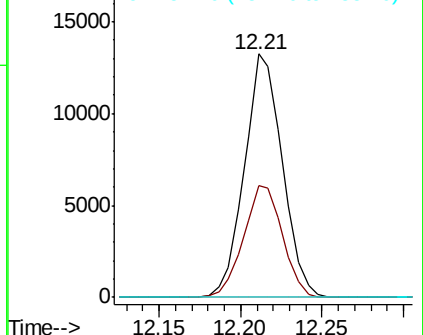
173 100

175 47.0 24.1 72.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

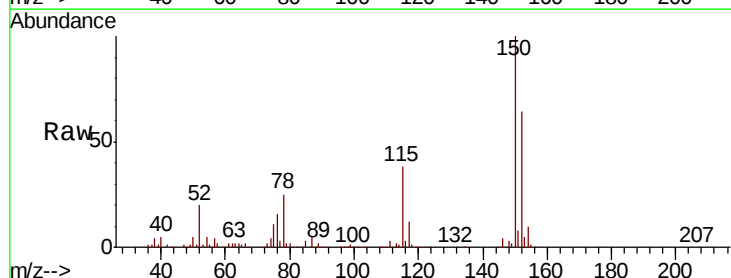
Tgt Ion:152 Resp: 129830

Ion Ratio Lower Upper

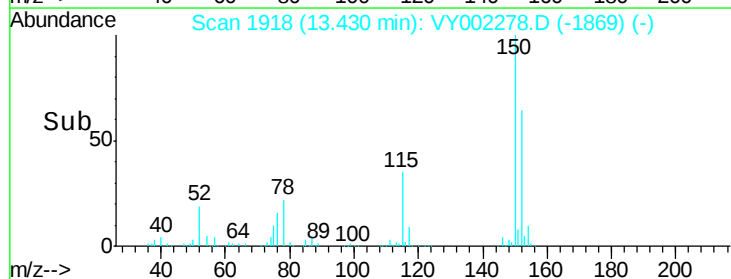
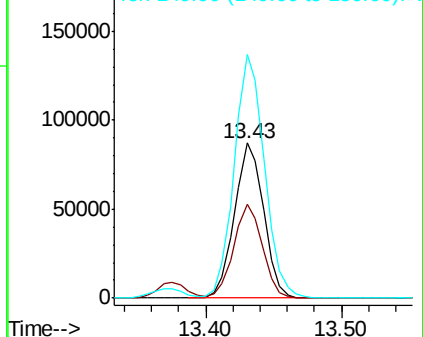
152 100

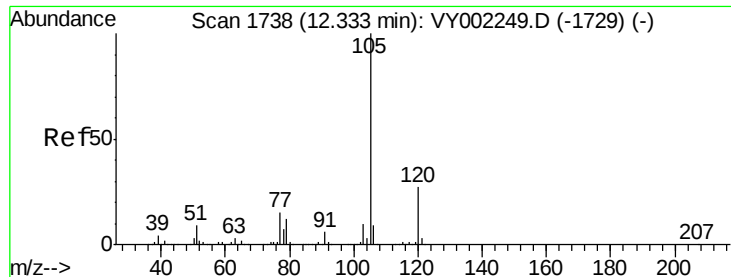
115 59.5 30.7 92.1

150 163.1 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

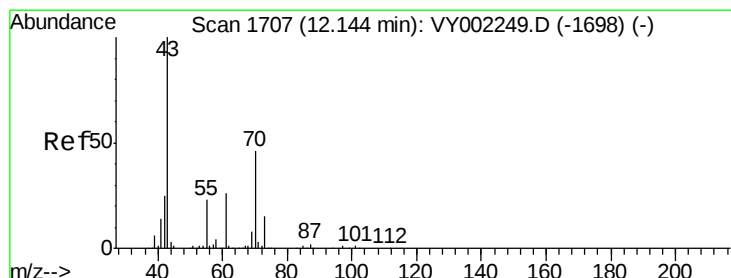
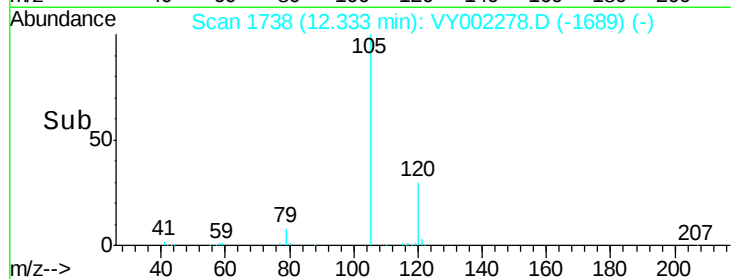
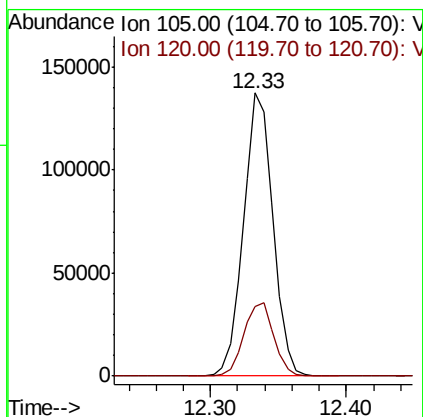
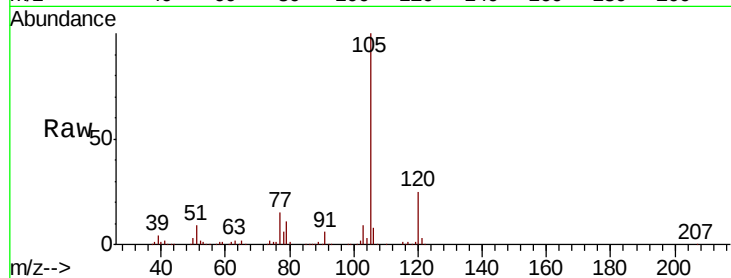




#73
Isopropylbenzene
Concen: 20.325 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

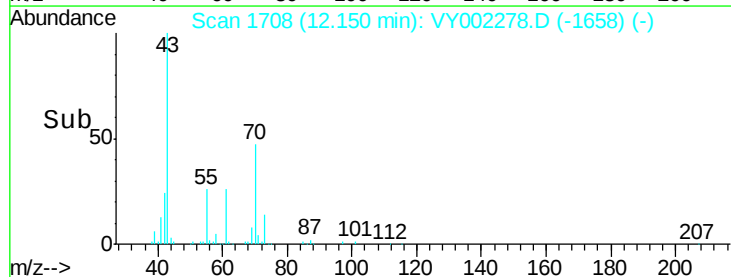
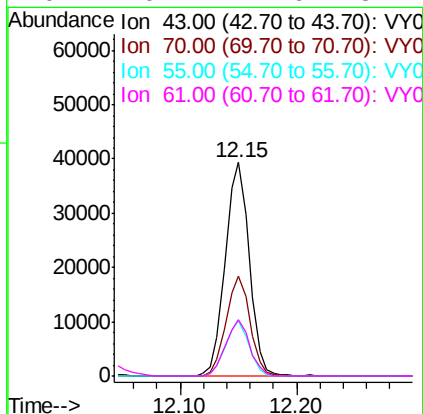
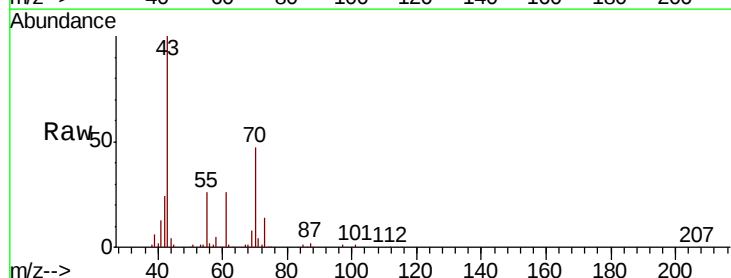
Instrument :
MSVOA_Y
ClientSampleId :

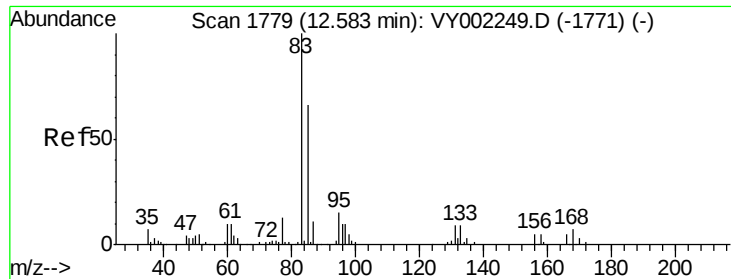
Tot Ion:105 Resp: 207302
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8



#74
N-ethyl acetate
Concen: 19.479 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion: 43 Resp: 56397
Ion Ratio Lower Upper
43 100
70 46.3 37.5 56.3
55 25.0 19.0 28.6
61 26.4 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.342 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

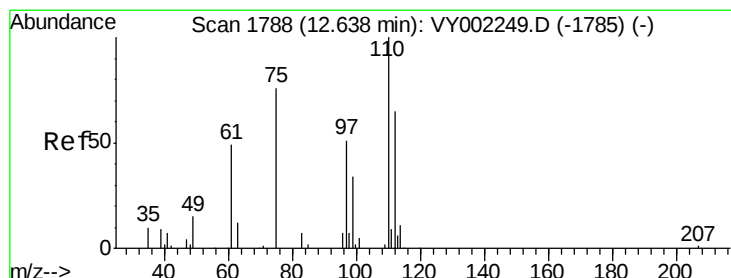
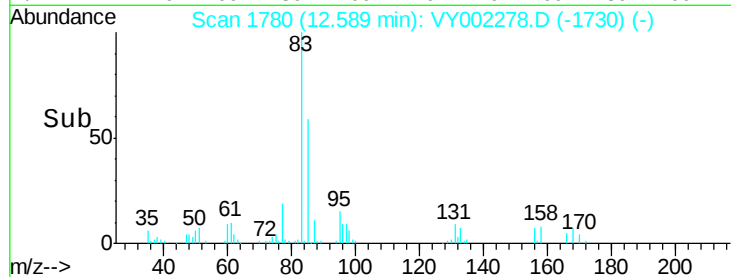
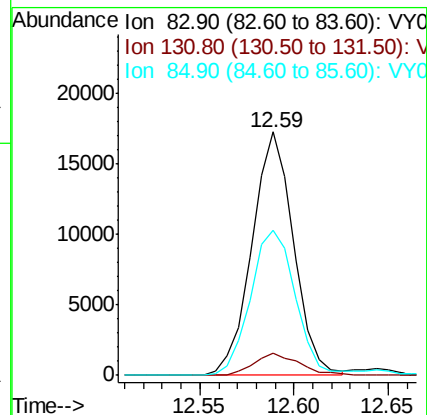
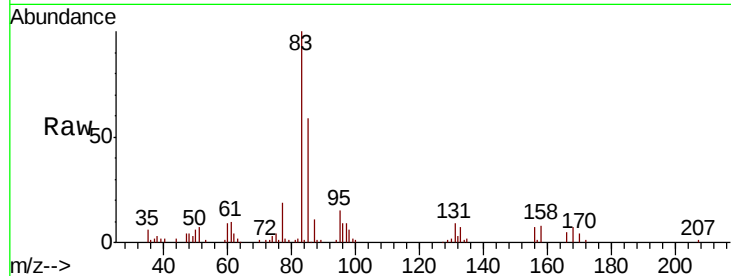
Tot Ion: 83 Resp: 26337

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 64.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 36.578 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002278.D

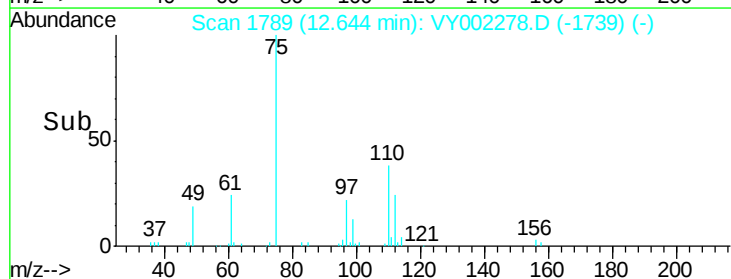
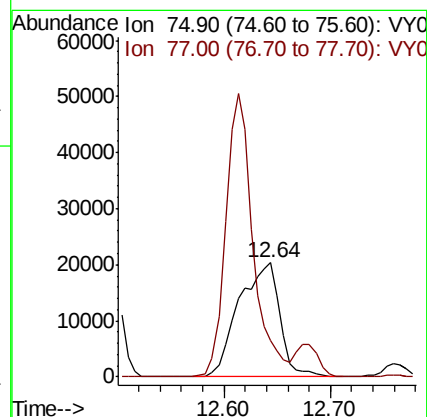
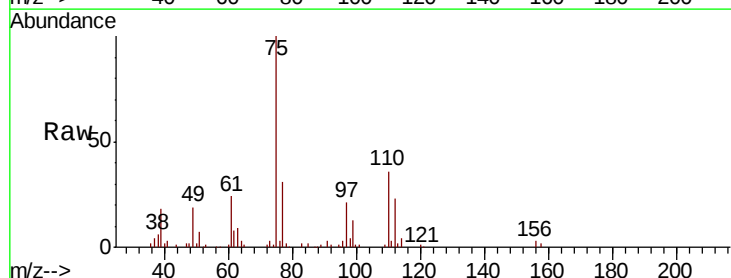
Acq: 13 Apr 2020 14:32

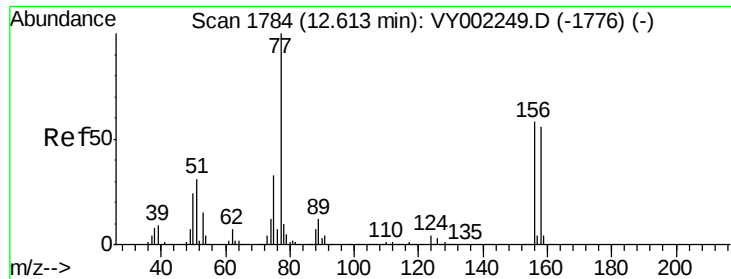
Tgt Ion: 75 Resp: 55146

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.047 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampled :

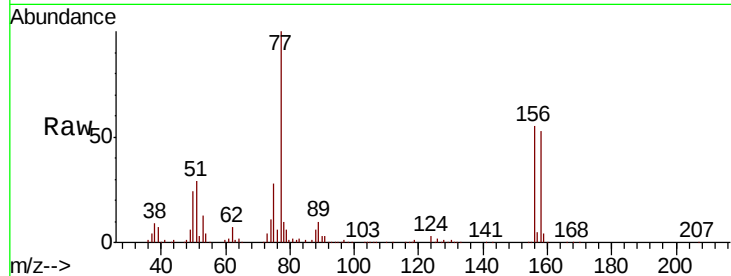
Tot Ion:156 Resp: 44985

Ion Ratio Lower Upper

156 100

77 201.4 101.3 303.9

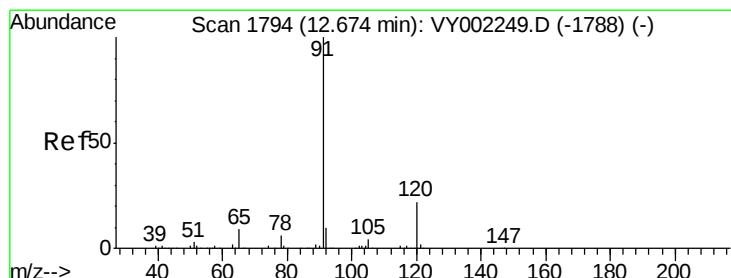
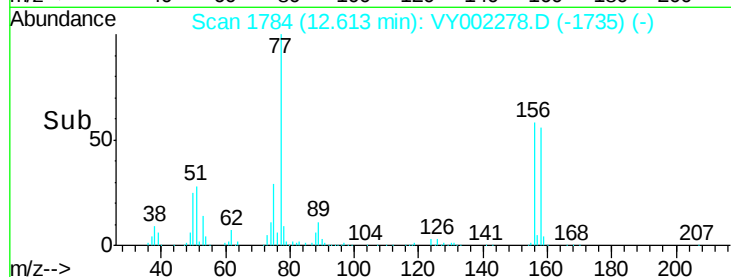
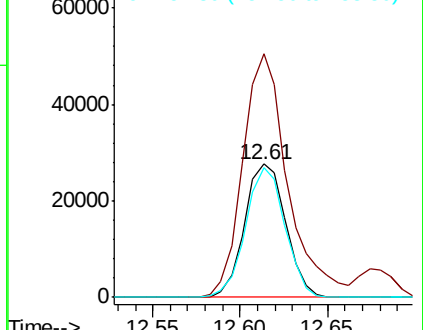
158 93.5 48.3 144.8



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: 19.938 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002278.D

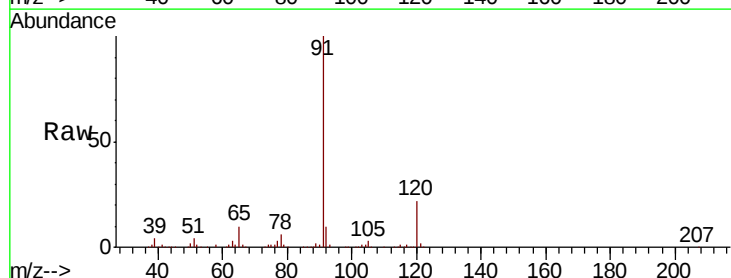
Acq: 13 Apr 2020 14:32

Tgt Ion: 91 Resp: 252922

Ion Ratio Lower Upper

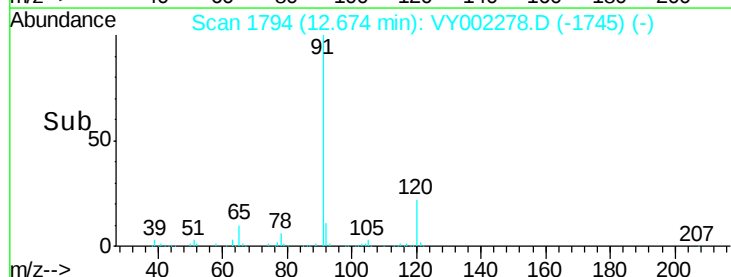
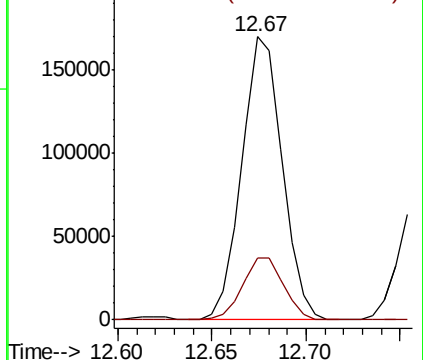
91 100

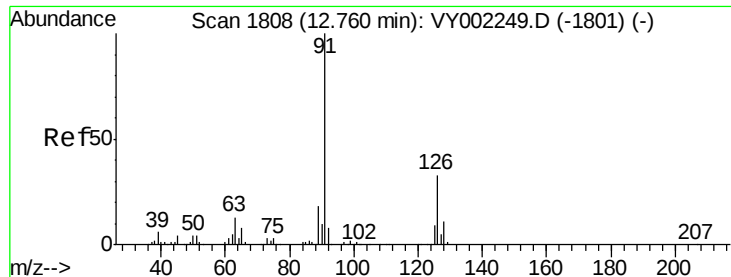
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

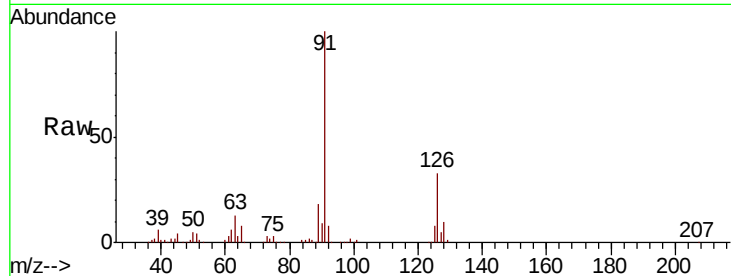




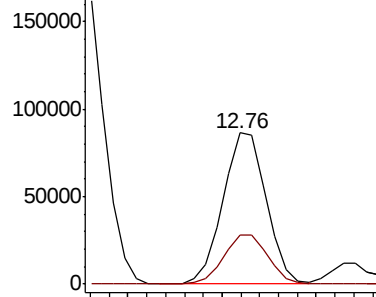
#79
2-Chlorotoluene
Concen: 19.982 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :

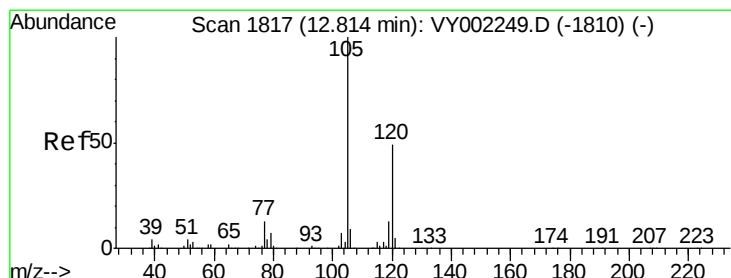
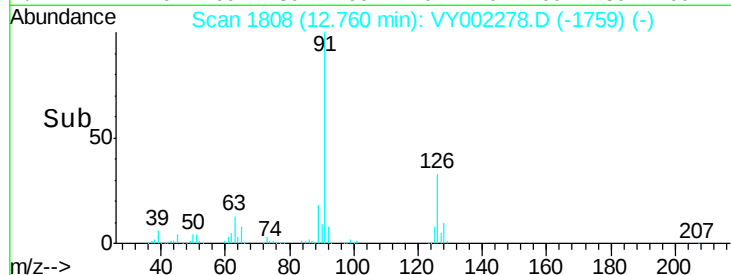
Tot Ion: 91 Resp: 137752
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7



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

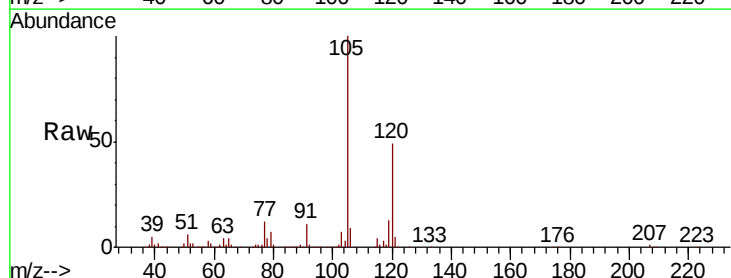


Time-->

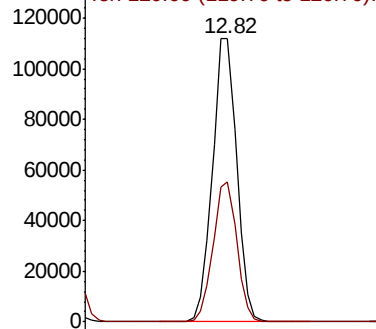


#80
1,3,5-Trimethylbenzene
Concen: 20.079 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

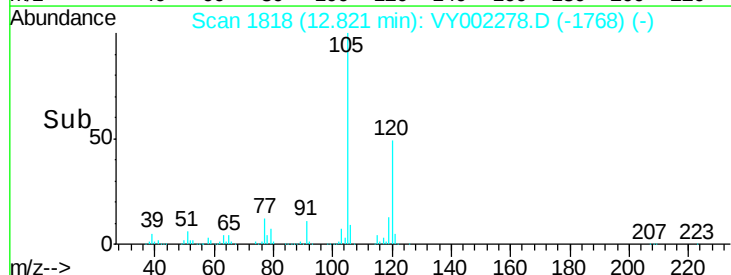
Tgt Ion:105 Resp: 169377
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1

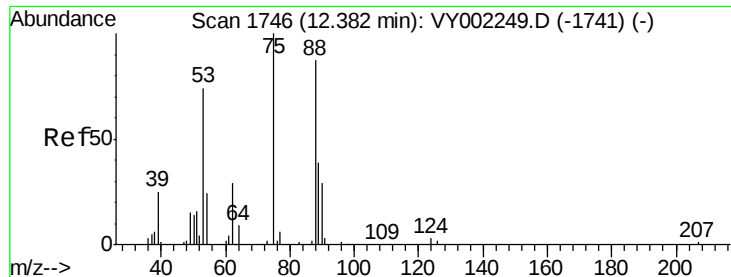


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.208 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

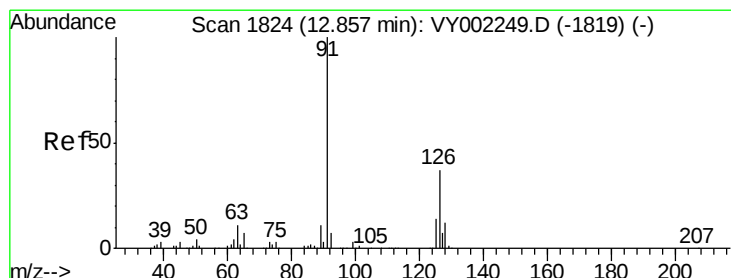
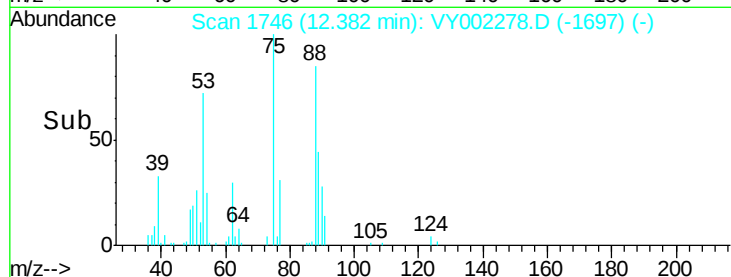
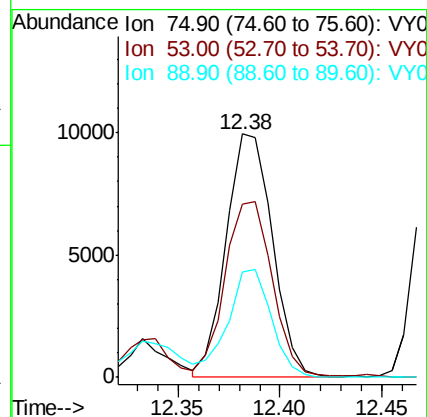
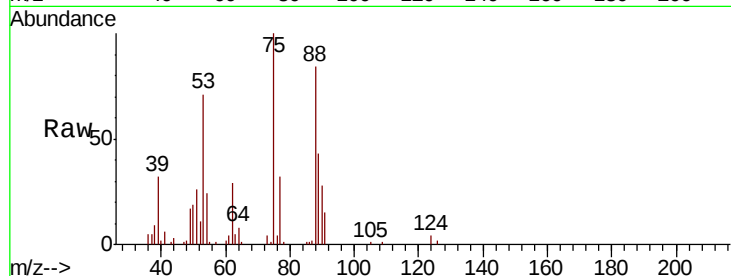
Tot Ion: 75 Resp: 15664

Ion Ratio Lower Upper

75 100

53 72.9 59.8 89.8

89 41.9 37.0 55.6



#82

4-Chlorotoluene

Concen: 19.748 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VY002278.D

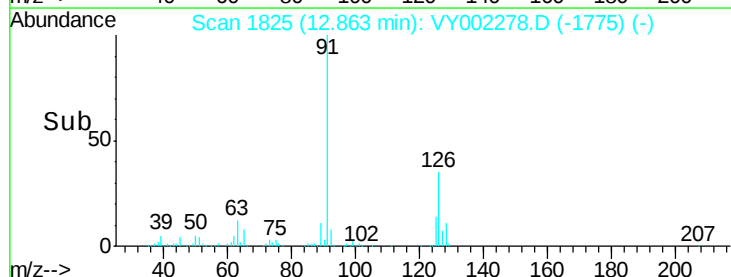
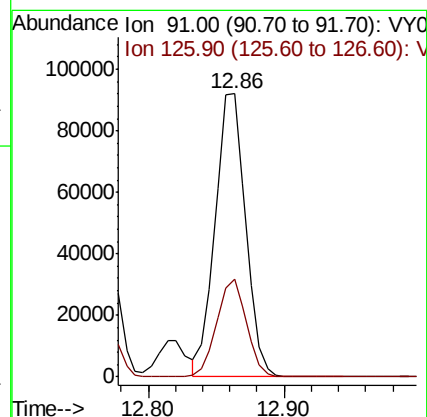
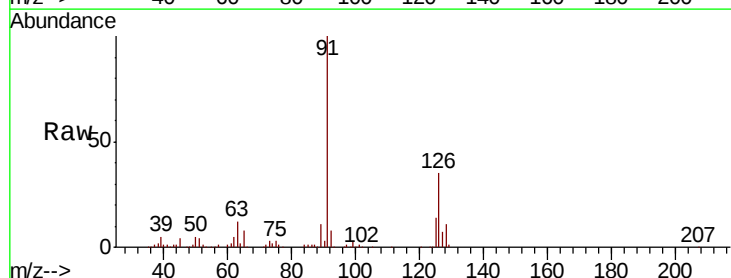
Acq: 13 Apr 2020 14:32

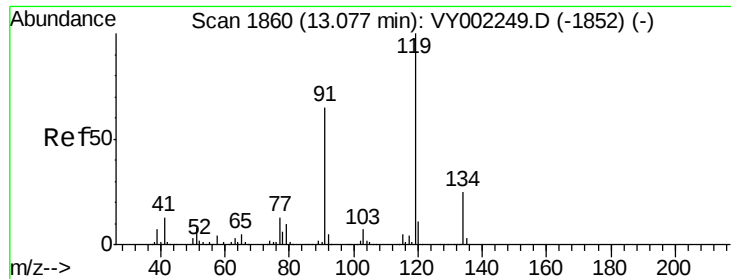
Tgt Ion: 91 Resp: 142687

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.7

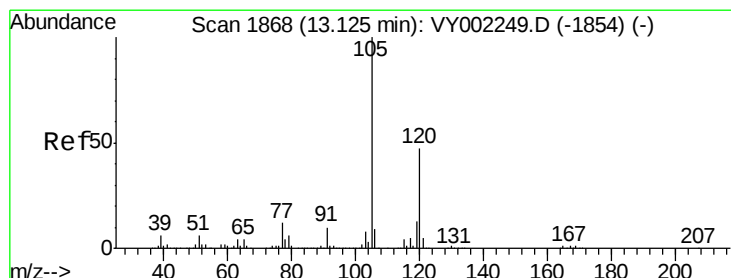
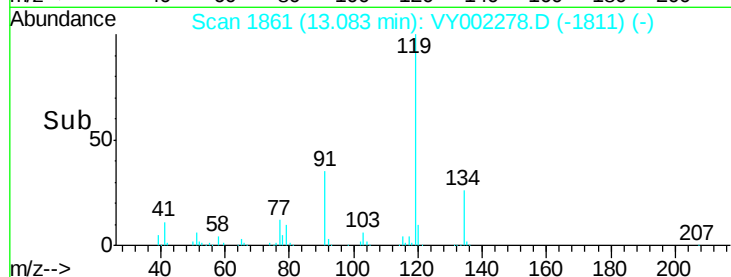
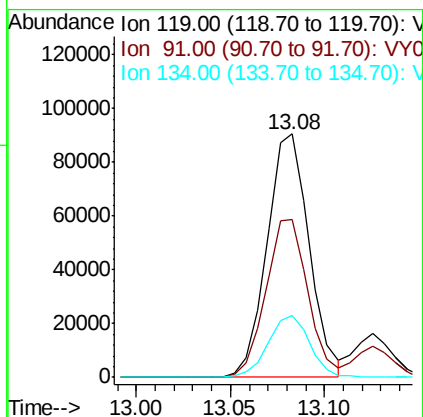
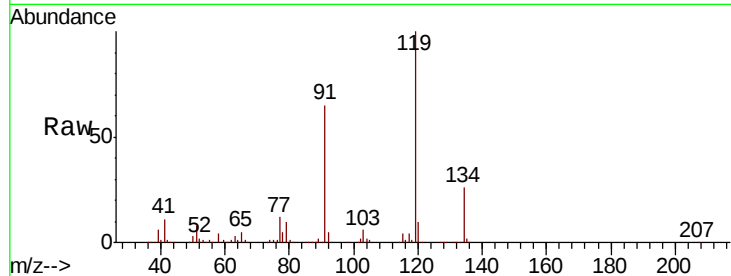




#83
 tert-Butylbenzene
 Concen: 19.894 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

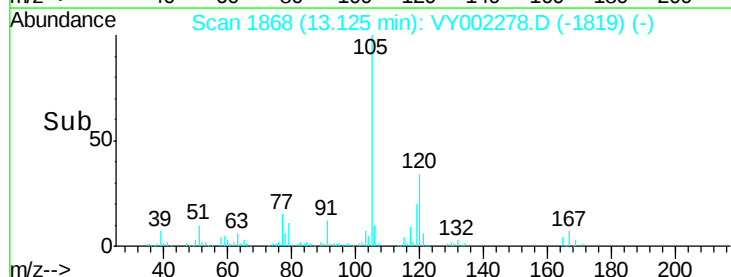
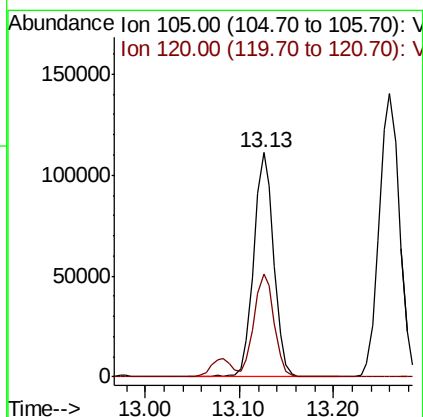
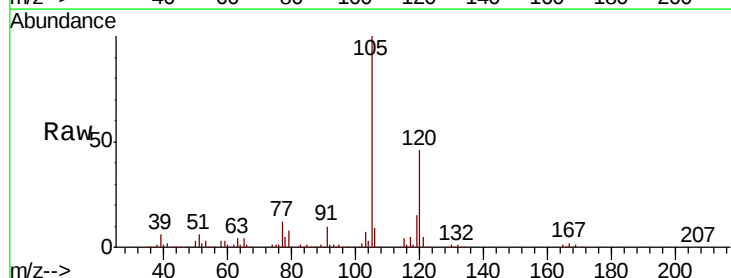
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:119 Resp: 140566
 Ion Ratio Lower Upper
 119 100
 91 64.6 32.4 97.0
 134 25.2 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.778 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion:105 Resp: 166595
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2

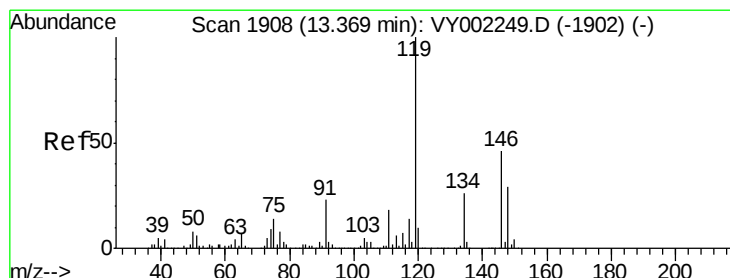
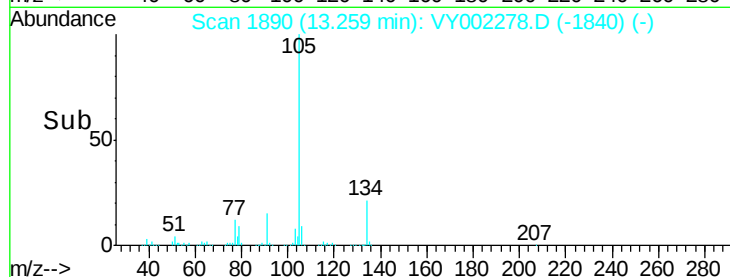
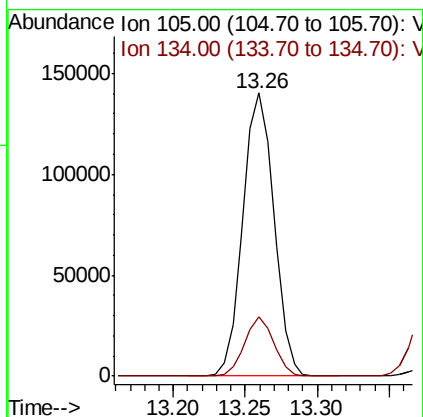
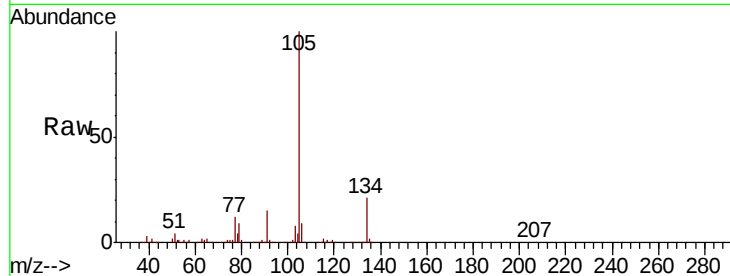




#85
 sec-Butylbenzene
 Concen: 19.965 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

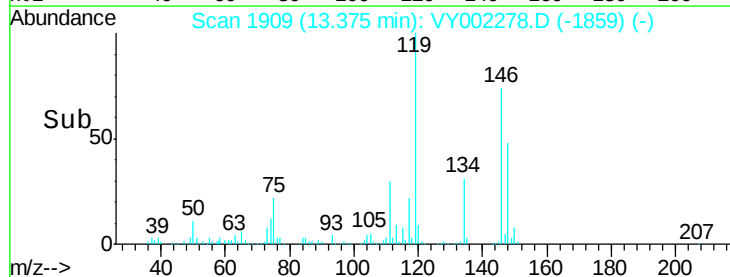
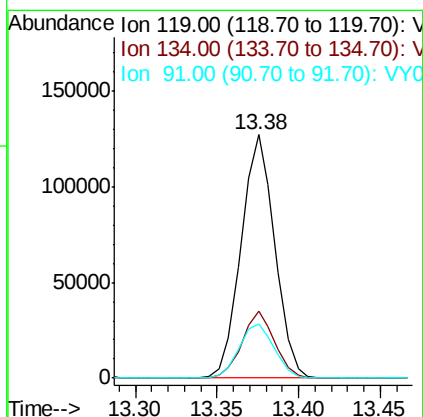
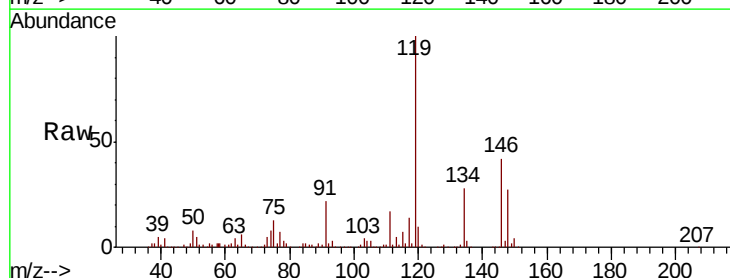
Instrument :
 MSVOA_Y
 ClientSampleId :

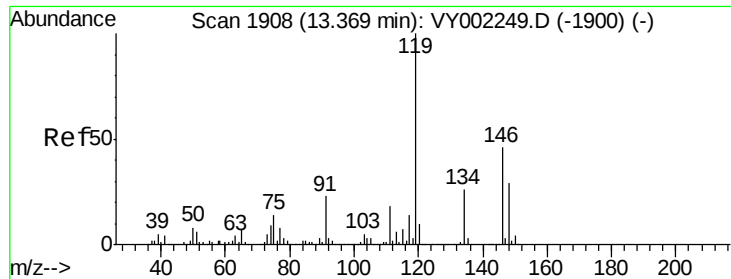
Tot Ion:105 Resp: 210141
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.155 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion:119 Resp: 182583
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 23.1 11.5 34.4

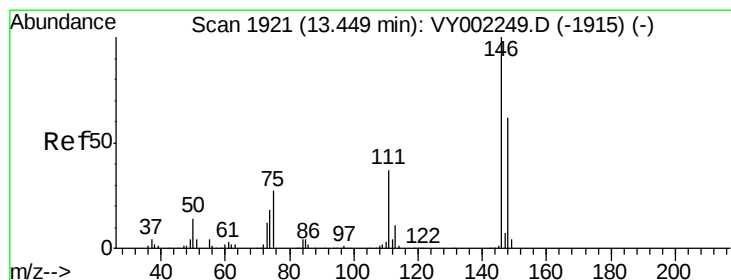
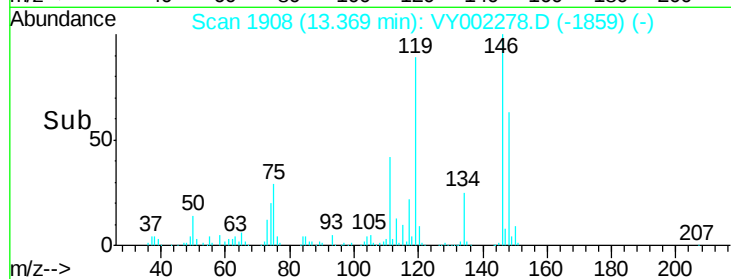
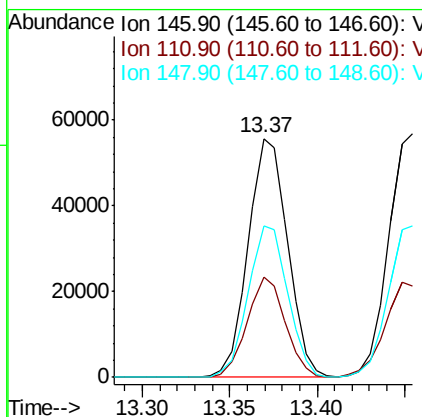
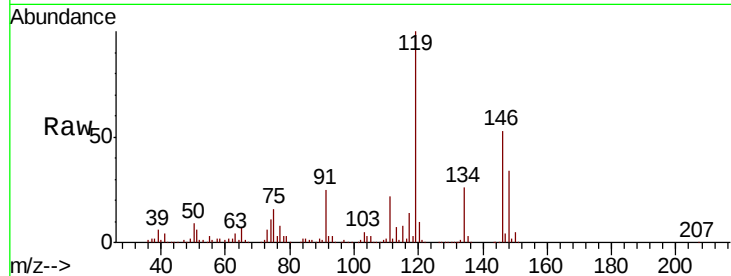




#87
 1,3-Dichlorobenzene
 Concen: 20.059 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

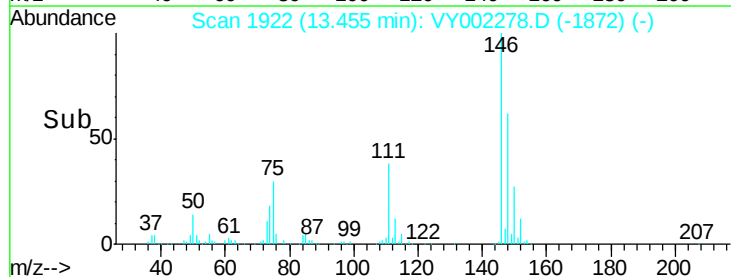
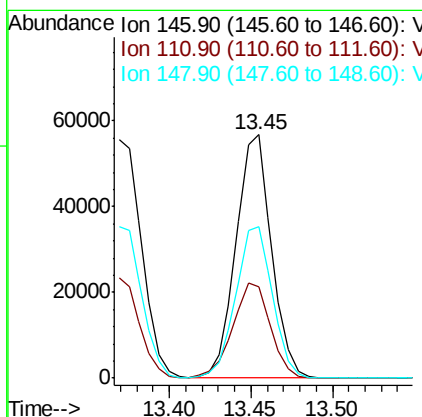
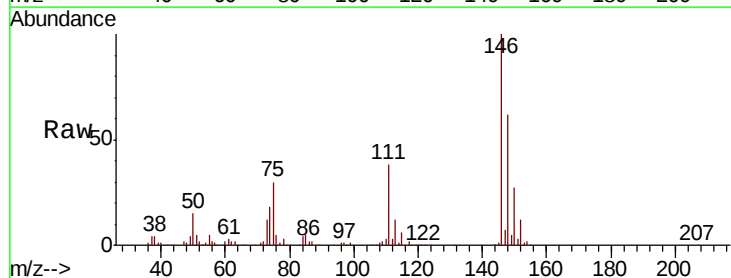
Instrument :
 MSVOA_Y
 ClientSampleId :

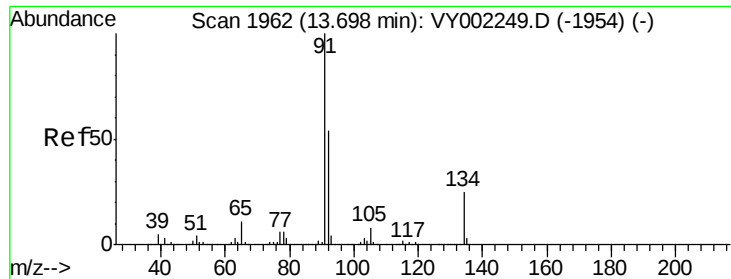
Tot Ion:146 Resp: 87234
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.8
 148 63.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.530 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion:146 Resp: 86214
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.6 58.8
 148 64.4 32.0 96.0

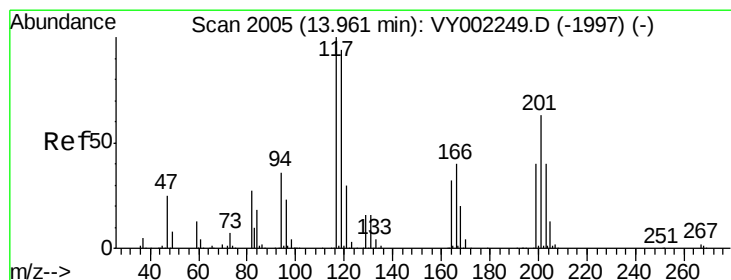
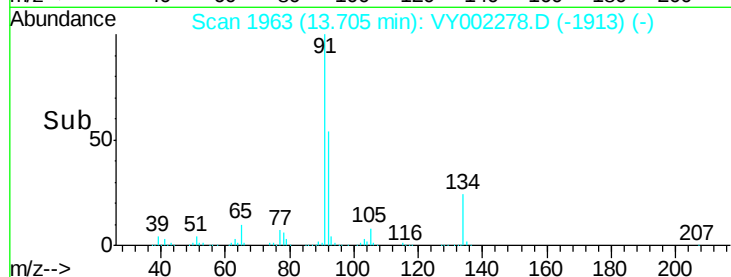
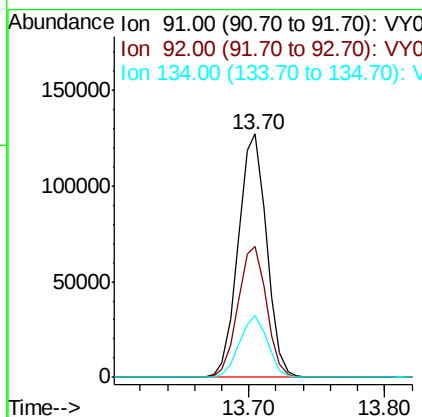
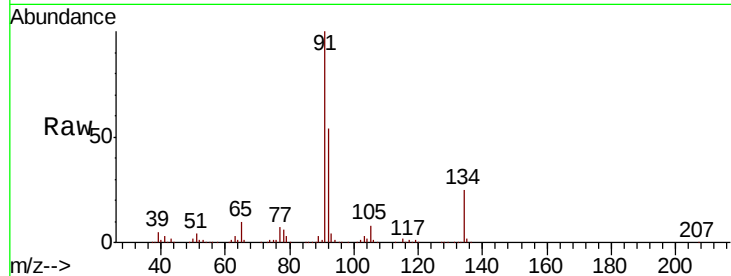




#89
n-Butylbenzene
Concen: 19.858 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

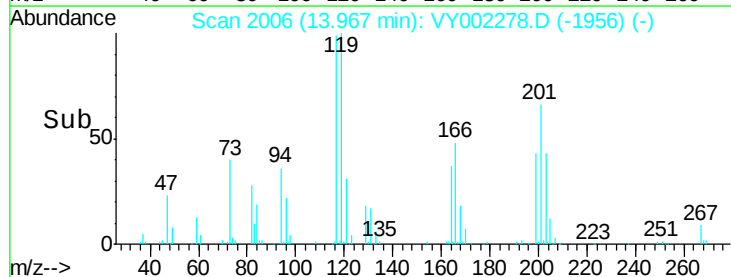
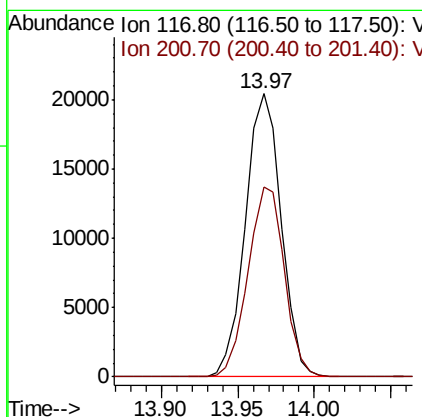
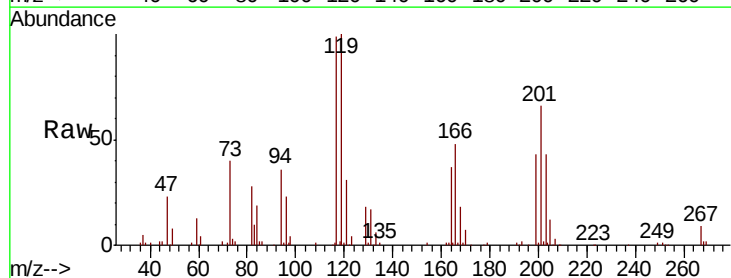
Instrument :
MSVOA_Y
ClientSampleId :

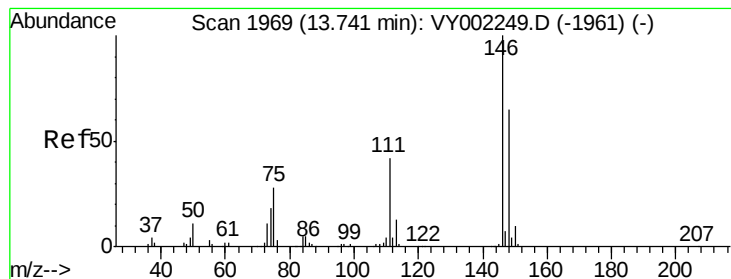
Tot Ion: 91 Resp: 184400
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 25.1 12.7 38.0



#90
Hexachloroethane
Concen: 19.268 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002278.D
Acq: 13 Apr 2020 14:32

Tgt Ion: 117 Resp: 33262
Ion Ratio Lower Upper
117 100
201 68.1 33.1 99.2





#91

1,2-Dichlorobenzene

Concen: 20.185 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.01 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

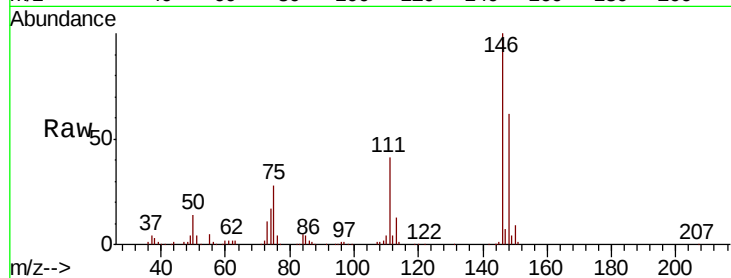
Tot Ion:146 Resp: 79764

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.1

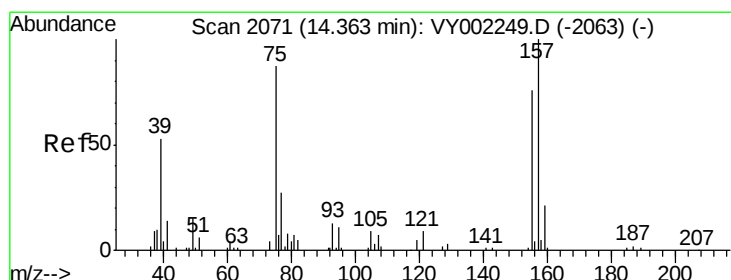
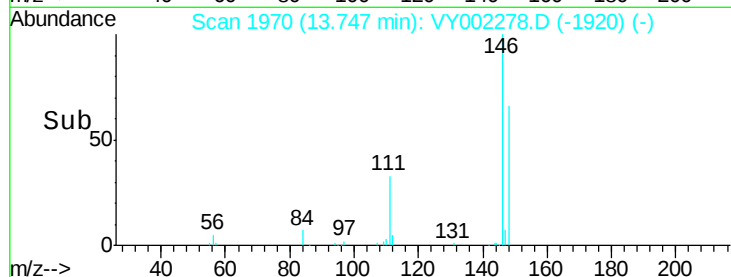
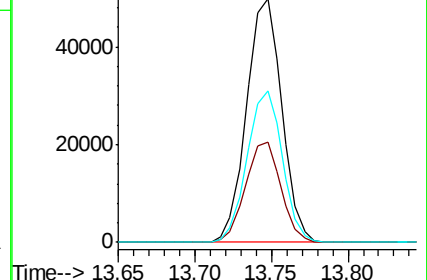
148 62.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.107 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

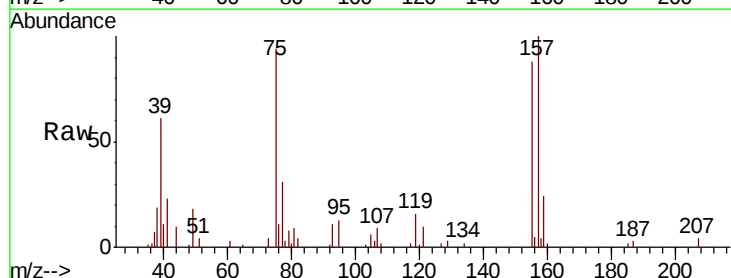
Tgt Ion: 75 Resp: 6001

Ion Ratio Lower Upper

75 100

155 86.2 43.6 130.8

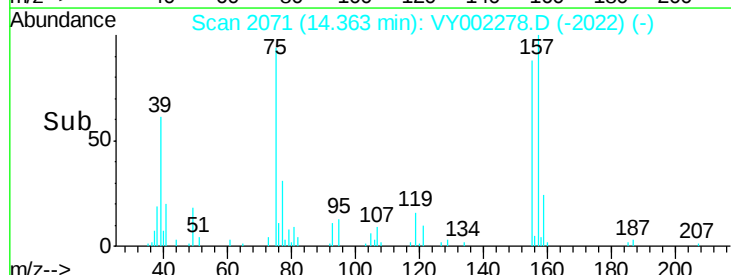
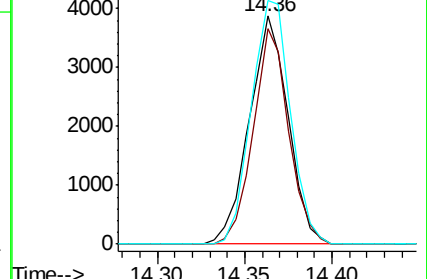
157 107.8 56.0 168.2

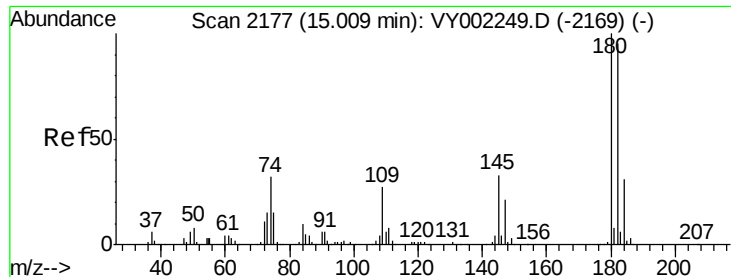


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

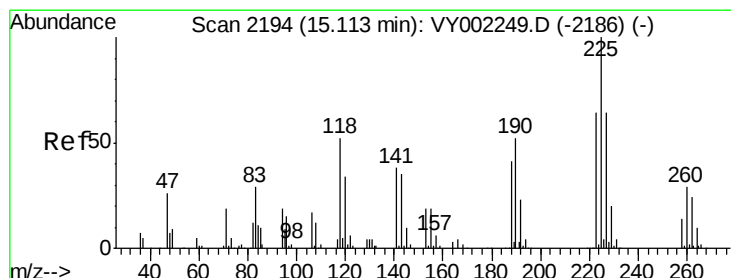
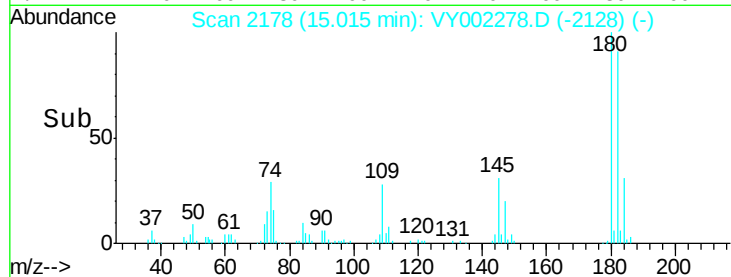
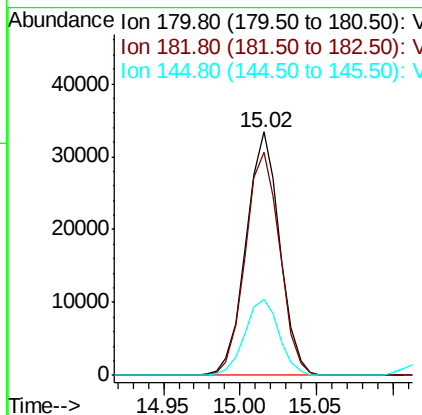
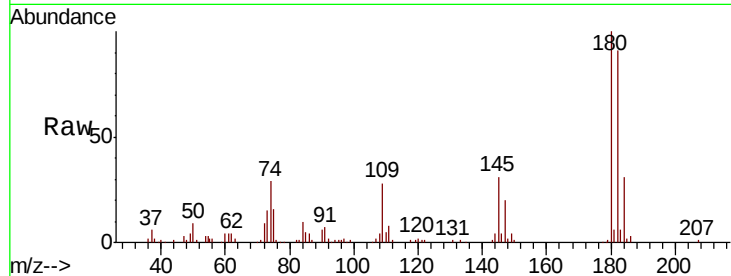




#93
 1,2,4-Trichlorobenzene
 Concen: 19.782 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

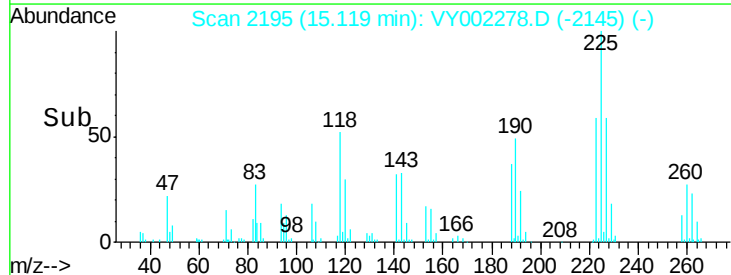
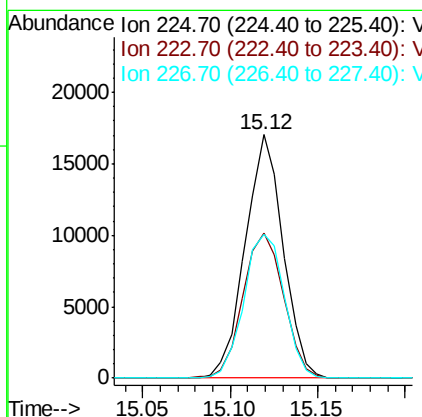
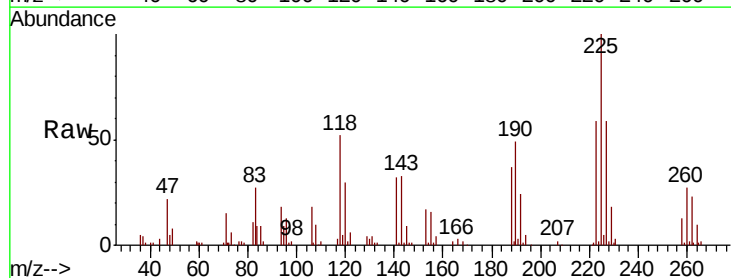
Instrument :
 MSVOA_Y
 ClientSampled :

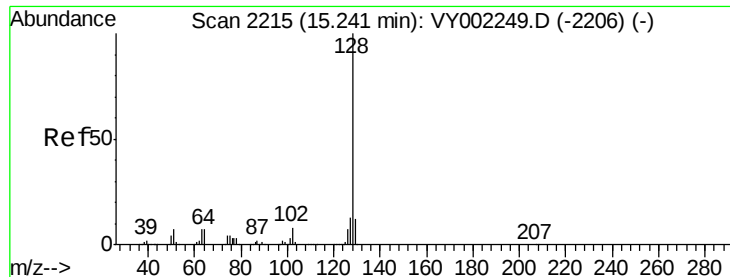
Tot Ion:180 Resp: 51096
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.9 143.7
 145 31.9 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 19.685 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002278.D
 Acq: 13 Apr 2020 14:32

Tgt Ion:225 Resp: 25609
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.0 93.0
 227 63.5 31.3 93.9





#95

Naphthalene

Concen: 19.513 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

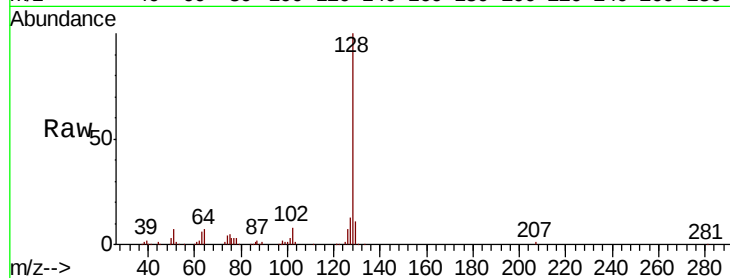
Tot Ion:128 Resp: 110358

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

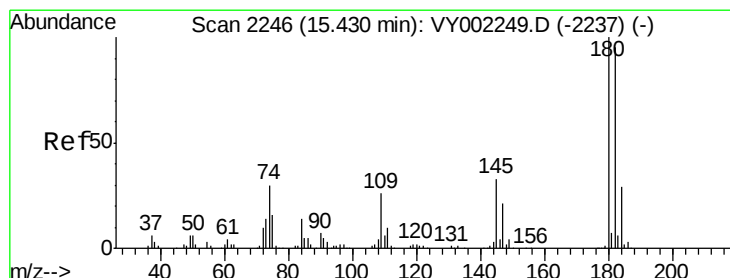
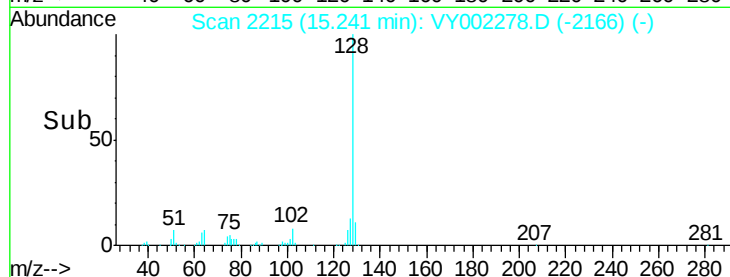
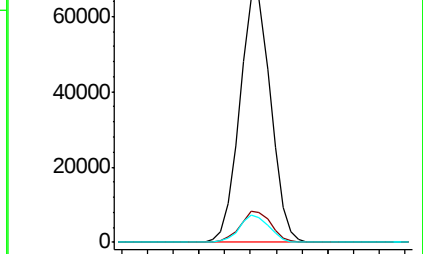
129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.134 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY002278.D

Acq: 13 Apr 2020 14:32

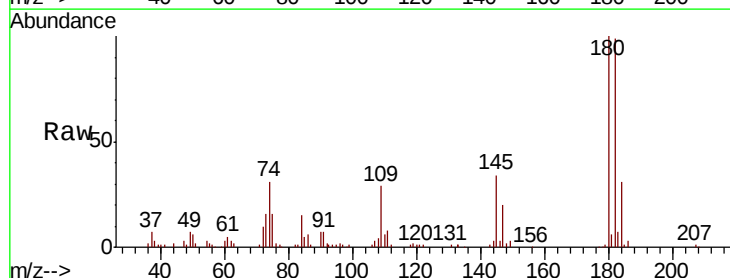
Tgt Ion:180 Resp: 42915

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.3

145 34.6 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

