

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003558.D
 Acq On : 20 Nov 2020 10:36
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:34:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 00:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	152189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	229297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	205484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	102276	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	16839	10.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.32%#
35) Dibromofluoromethane	7.72	113	15766	10.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.92%#
50) Toluene-d8	10.18	98	62118	10.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	21.20%#
62) 4-Bromofluorobenzene	12.48	95	19213	10.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.66%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	4430	9.877	ug/l 96
3) Chloromethane	2.12	50	10985	10.405	ug/l 98
4) Vinyl Chloride	2.26	62	13953	10.216	ug/l 96
5) Bromomethane	2.66	94	12016	10.518	ug/l 92
6) Chloroethane	2.80	64	9671	10.097	ug/l # 88
7) Trichlorofluoromethane	3.13	101	11921	9.894	ug/l 98
8) Diethyl Ether	3.53	74	9322	10.667	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	14352	10.378	ug/l 98
10) Methyl Iodide	4.10	142	25118	10.526	ug/l 98
11) Tert butyl alcohol	5.01	59	5987	39.769	ug/l # 100
12) 1,1-Dichloroethene	3.88	96	15581	10.398	ug/l 94
13) Acrolein	3.74	56	7996	53.033	ug/l 97
14) Allyl chloride	4.49	41	26541	10.566	ug/l 97
15) Acrylonitrile	5.18	53	22326	54.302	ug/l 98
16) Acetone	3.97	43	25768	48.838	ug/l # 85
17) Carbon Disulfide	4.20	76	45396	10.524	ug/l 100
18) Methyl Acetate	4.50	43	11882	10.352	ug/l 98
19) Methyl tert-butyl Ether	5.24	73	23433	10.536	ug/l 98
20) Methylene Chloride	4.72	84	21732	10.846	ug/l 93
21) trans-1,2-Dichloroethene	5.22	96	17599	10.504	ug/l 96
22) Diisopropyl ether	6.13	45	44113	10.245	ug/l 93
23) Vinyl Acetate	6.07	43	176590	52.764	ug/l 100
24) 1,1-Dichloroethane	6.02	63	30158	10.523	ug/l 98
25) 2-Butanone	7.00	43	34683	50.659	ug/l 98
26) 2,2-Dichloropropane	6.99	77	20810	11.104	ug/l 96
27) cis-1,2-Dichloroethene	7.00	96	19051	10.488	ug/l 99
28) Bromochloromethane	7.34	49	13850	9.872	ug/l 98
29) Tetrahydrofuran	7.36	42	19088	53.220	ug/l 99
30) Chloroform	7.52	83	30577	10.692	ug/l 98
31) Cyclohexane	7.79	56	23506	10.289	ug/l # 93
32) 1,1,1-Trichloroethane	7.71	97	23176	10.487	ug/l 98
36) 1,1-Dichloropropene	7.93	75	23743	10.518	ug/l 98
37) Ethyl Acetate	7.08	43	14515	10.670	ug/l 96
38) Carbon Tetrachloride	7.90	117	20892	9.991	ug/l 91

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

39) Methylcyclohexane	9.19	83	21721	9.468	ug/l	94
40) Benzene	8.16	78	69968	10.456	ug/l	100
41) Methacrylonitrile	7.32	41	5326	7.963	ug/l #	61
42) 1,2-Dichloroethane	8.24	62	20664	10.855	ug/l	98
43) Isopropyl Acetate	8.28	43	26593	10.646	ug/l #	92
44) Trichloroethene	8.94	130	19299	10.584	ug/l	94
45) 1,2-Dichloropropane	9.22	63	17302	10.430	ug/l	90
46) Dibromomethane	9.31	93	9944	10.526	ug/l	98
47) Bromodichloromethane	9.50	83	23448	10.450	ug/l	98
48) Methyl methacrylate	9.30	41	12638	10.570	ug/l	93
49) 1,4-Dioxane	9.32	88	2199	203.164	ug/l #	80
51) 4-Methyl-2-Pentanone	10.07	43	60141	50.237	ug/l	98
52) Toluene	10.24	92	42436	10.357	ug/l	95
53) t-1,3-Dichloropropene	10.46	75	24216	10.312	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	27270	10.202	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	14065	10.497	ug/l	97
56) Ethyl methacrylate	10.51	69	15949	9.795	ug/l	99
57) 1,3-Dichloropropane	10.79	76	23436	10.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	42520	50.885	ug/l	99
59) 2-Hexanone	10.83	43	48922	49.573	ug/l	98
60) Dibromochloromethane	10.99	129	16746	10.337	ug/l	99
61) 1,2-Dibromoethane	11.09	107	13811	10.696	ug/l	97
64) Tetrachloroethene	10.72	164	15961	10.399	ug/l	98
65) Chlorobenzene	11.52	112	47380	10.657	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	13390	10.496	ug/l	98
67) Ethyl Benzene	11.59	91	74745	10.260	ug/l	97
68) m/p-Xylenes	11.70	106	57119	20.476	ug/l	99
69) o-Xylene	12.03	106	22194	9.947	ug/l	98
70) Styrene	12.04	104	45235	10.058	ug/l	99
71) Bromoform	12.20	173	11020	10.697	ug/l #	96
73) Isopropylbenzene	12.33	105	50396	9.892	ug/l	100
74) N-amyl acetate	12.14	43	19318	9.575	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	14509	10.235	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	20774	19.922	ug/l #	100
77) Bromobenzene	12.61	156	19629	10.472	ug/l	99
78) n-propylbenzene	12.67	91	71126	9.938	ug/l	99
79) 2-Chlorotoluene	12.75	91	41899	10.142	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	39026	10.192	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	6239	10.003	ug/l	97
82) 4-Chlorotoluene	12.85	91	50893	10.055	ug/l	100
83) tert-Butylbenzene	13.07	119	38954	10.050	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	41618	10.208	ug/l	99
85) sec-Butylbenzene	13.25	105	45465	10.363	ug/l	98
86) p-Isopropyltoluene	13.36	119	40264	10.229	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	35169	10.308	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	35919	10.273	ug/l	96
89) n-Butylbenzene	13.69	91	41433	9.837	ug/l	100
90) Hexachloroethane	13.95	117	10587	10.171	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	28627	10.512	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1969	10.664	ug/l	90

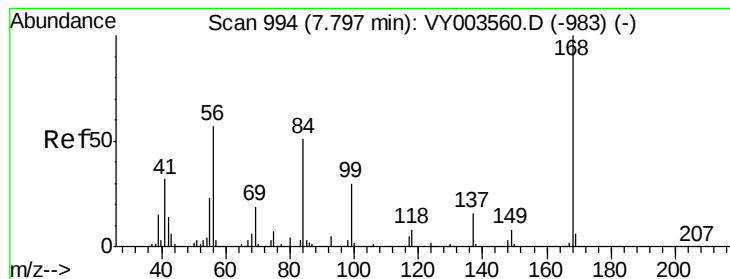
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QLast Update : Sat Nov 21 00:32:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	15158	9.924	ug/l	98
94) Hexachlorobutadiene	15.11	225	9806	11.295	ug/l	97
95) Naphthalene	15.23	128	25351	9.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	11377	10.133	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

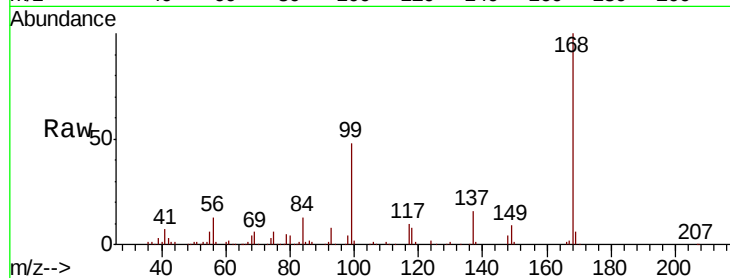
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 152189

Ion Ratio Lower Upper

168 100

99 48.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003558.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003558.D (-945) (-)

7.80

60000

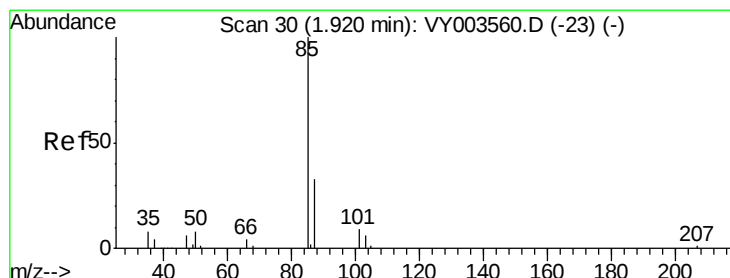
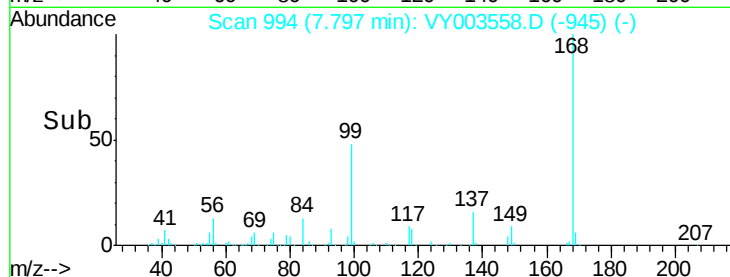
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 9.877 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY003558.D

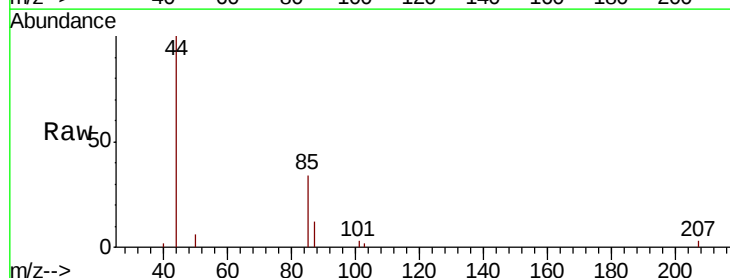
Acq: 20 Nov 2020 10:36

Tgt Ion: 85 Resp: 4430

Ion Ratio Lower Upper

85 100

87 35.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003558.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003558.D (-1) (-)

1.92

2000

1500

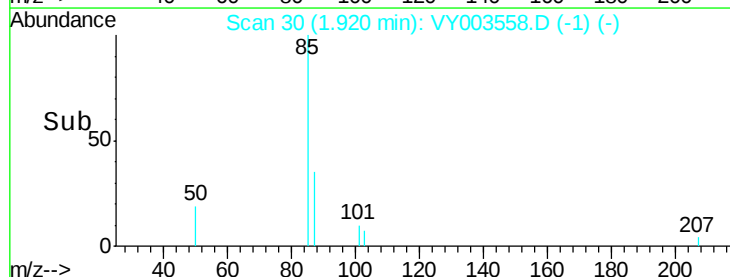
1000

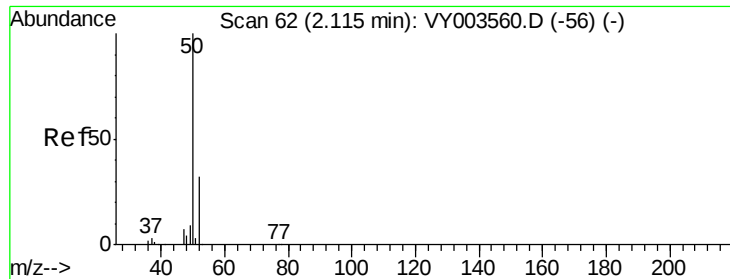
500

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 10.405 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

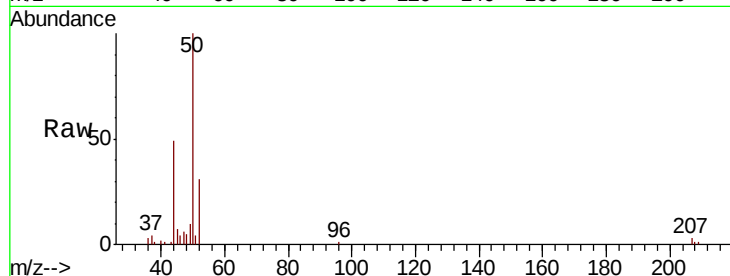
ClientSampleId :

Tot Ion: 50 Resp: 10985

Ion Ratio Lower Upper

50 100

52 31.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

6000

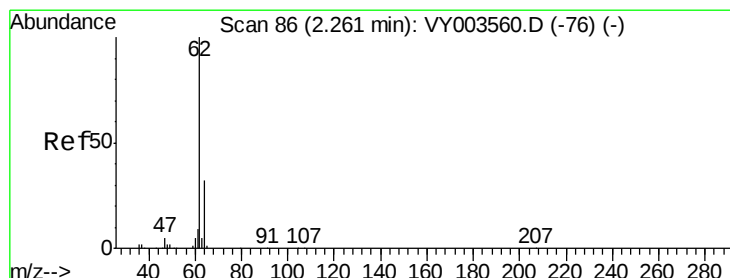
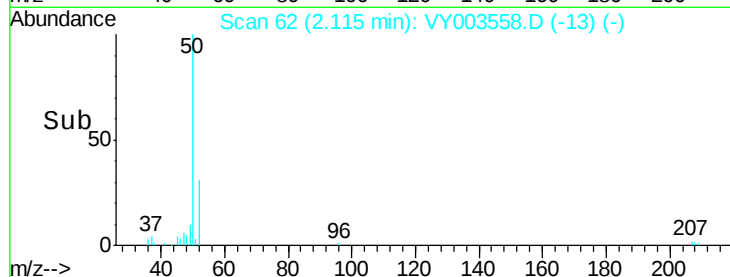
4000

2000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 10.216 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003558.D

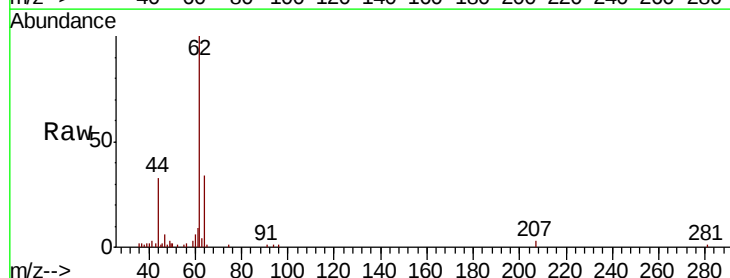
Acq: 20 Nov 2020 10:36

Tgt Ion: 62 Resp: 13953

Ion Ratio Lower Upper

62 100

64 34.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

8000

6000

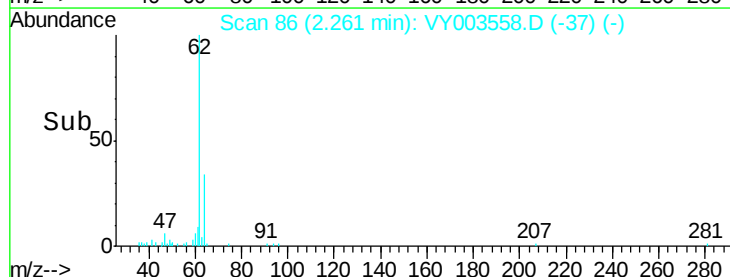
4000

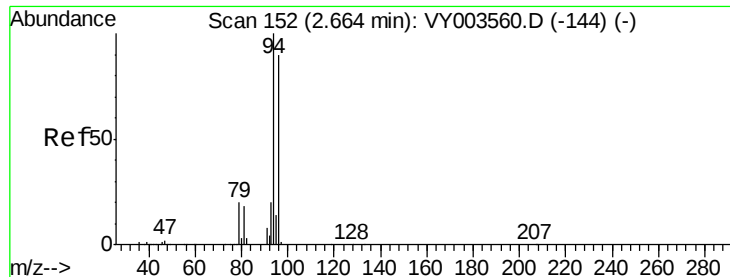
2000

0

Time-->

2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 10.518 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

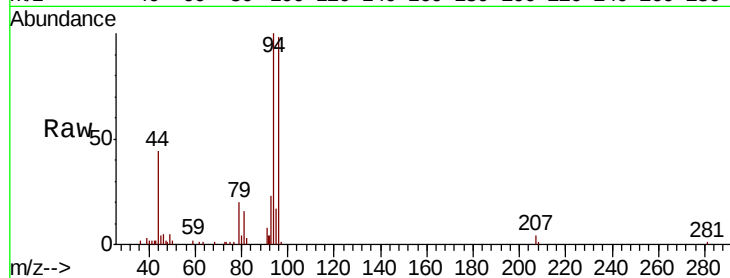
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 12016

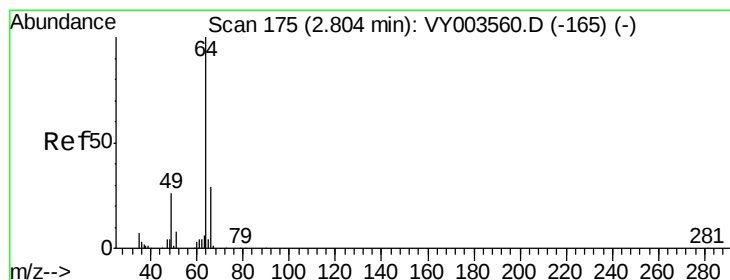
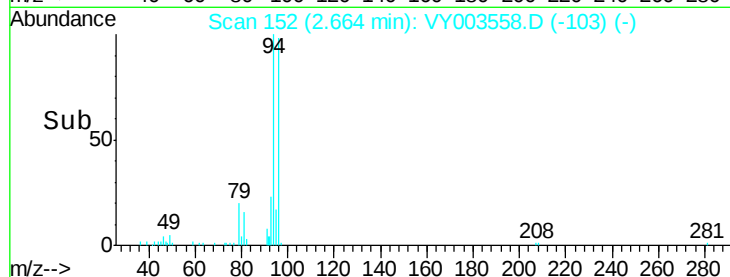
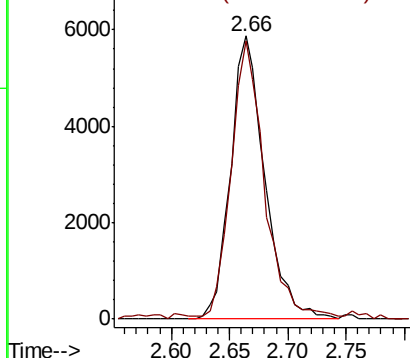
Ion Ratio Lower Upper

94 100

96 97.5 71.9 107.9



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



#6

Chloroethane

Concen: 10.097 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY003558.D

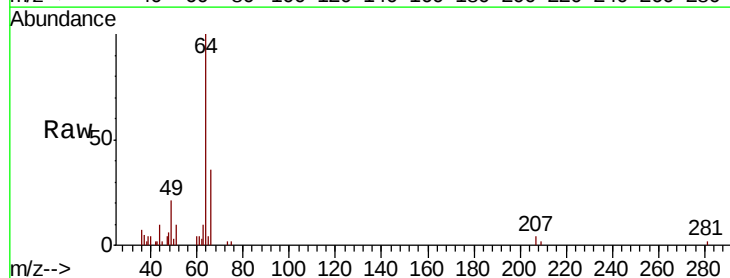
Acq: 20 Nov 2020 10:36

Tgt Ion: 64 Resp: 9671

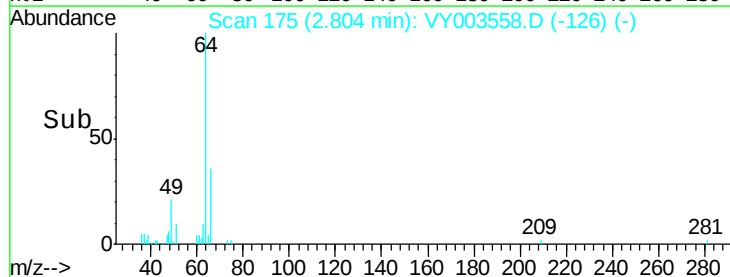
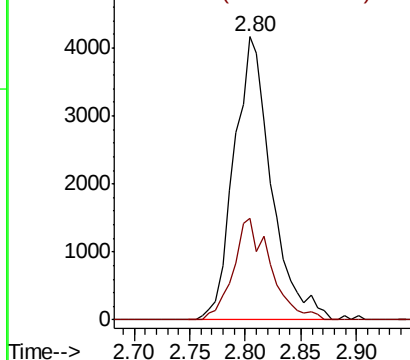
Ion Ratio Lower Upper

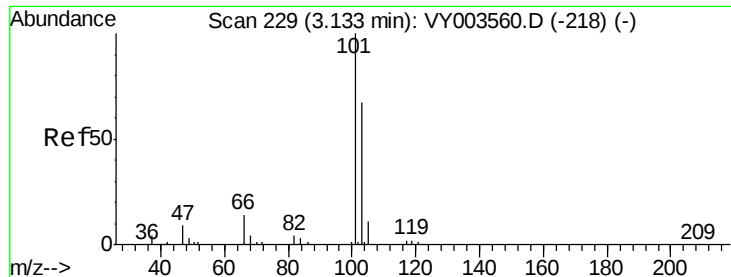
64 100

66 36.0 23.6 35.4#



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





#7

Trichlorofluoromethane

Concen: 9.894 ug/l

RT: 3.13 min Scan# 229

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

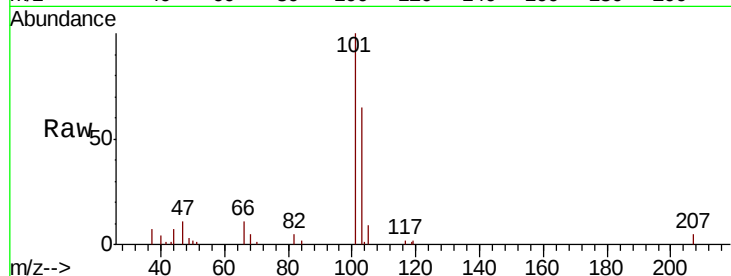
ClientSampled :

Tot Ion:101 Resp: 11921

Ion Ratio Lower Upper

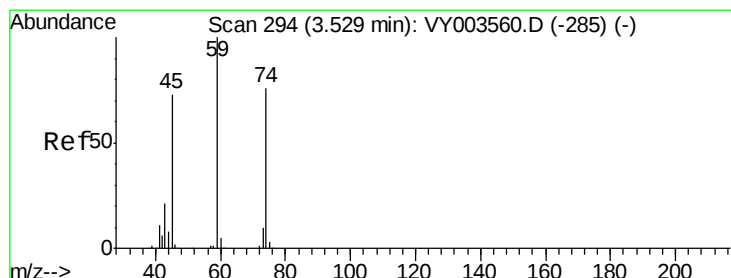
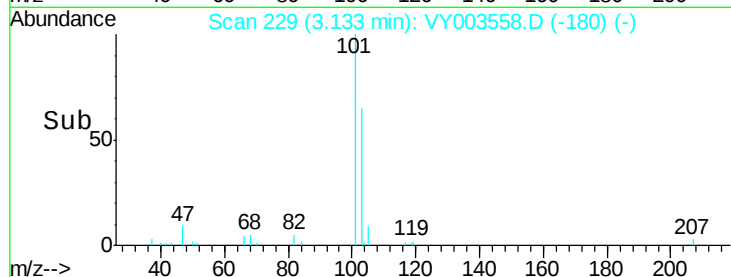
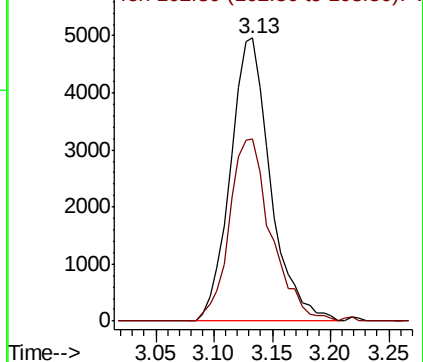
101 100

103 64.6 53.3 79.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 10.667 ug/l

RT: 3.53 min Scan# 294

Delta R.T. 0.00 min

Lab File: VY003558.D

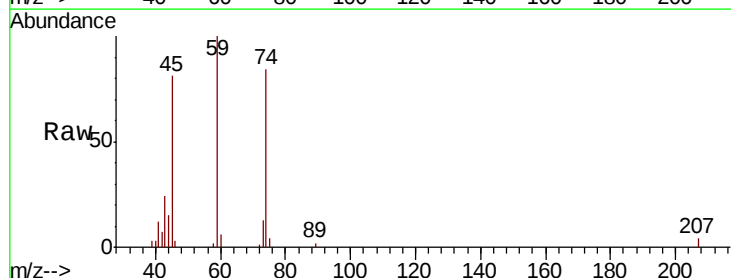
Acq: 20 Nov 2020 10:36

Tgt Ion: 74 Resp: 9322

Ion Ratio Lower Upper

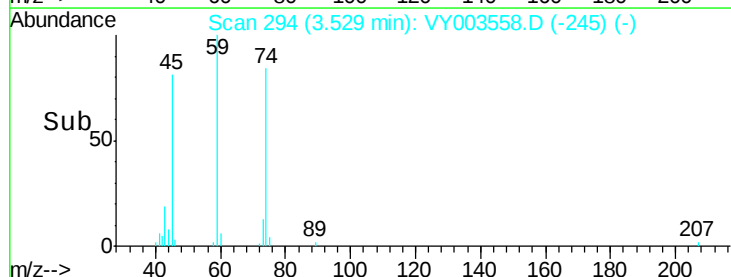
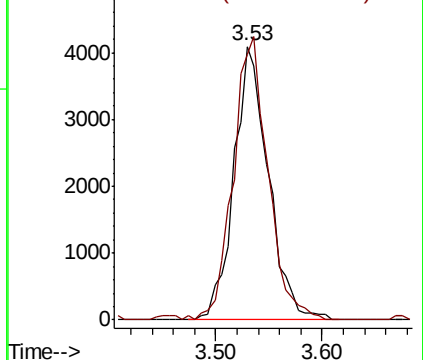
74 100

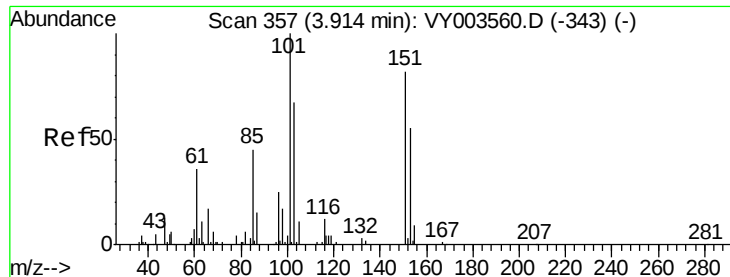
45 104.5 51.0 153.0



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.378 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampled :

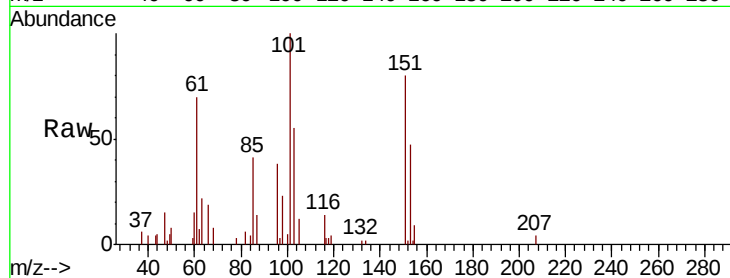
Tot Ion:101 Resp: 14352

Ion Ratio Lower Upper

101 100

85 42.5 35.9 53.9

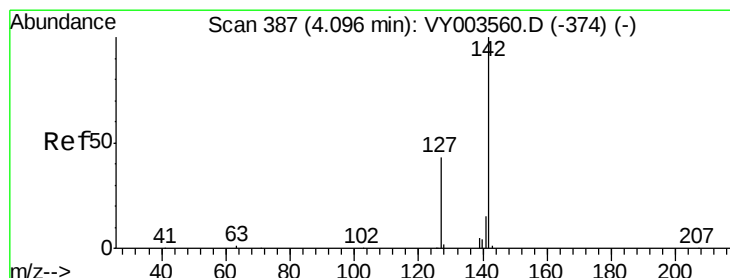
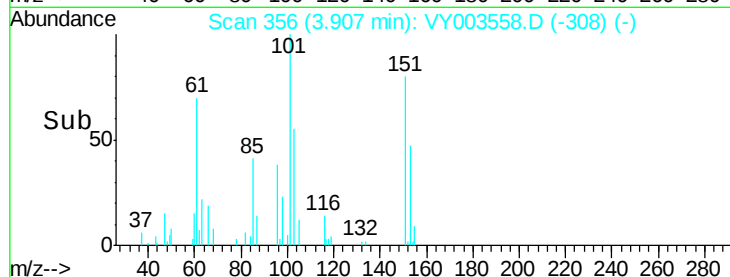
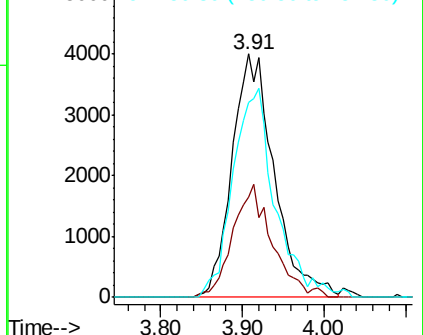
151 83.1 65.4 98.0



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: 10.526 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

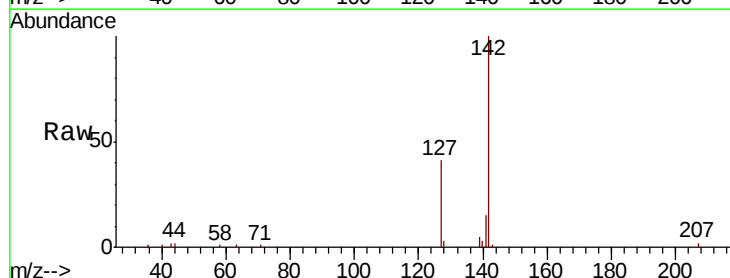
Tgt Ion:142 Resp: 25118

Ion Ratio Lower Upper

142 100

127 41.4 34.2 51.2

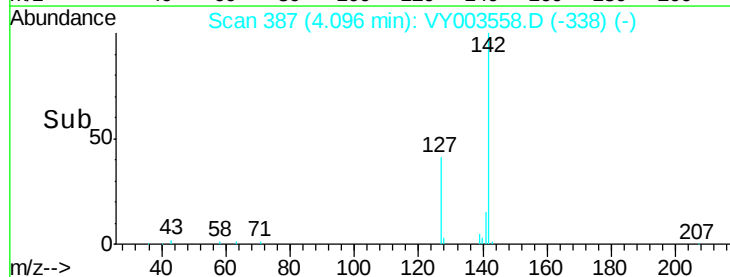
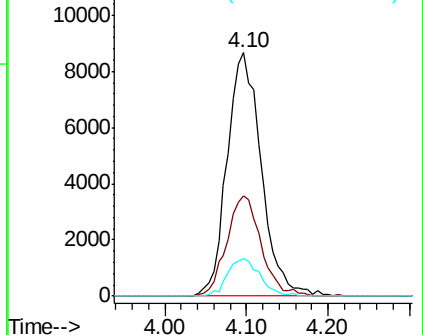
141 14.5 11.5 17.3

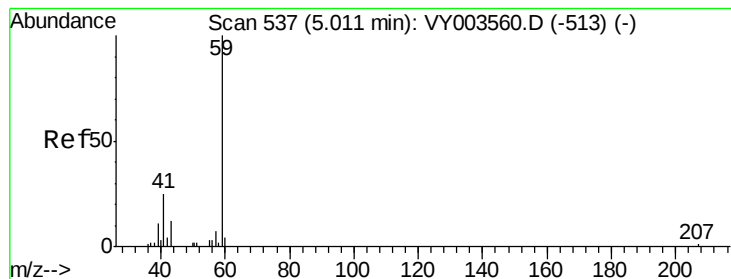


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 39.769 ug/l

RT: 5.01 min Scan# 537

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

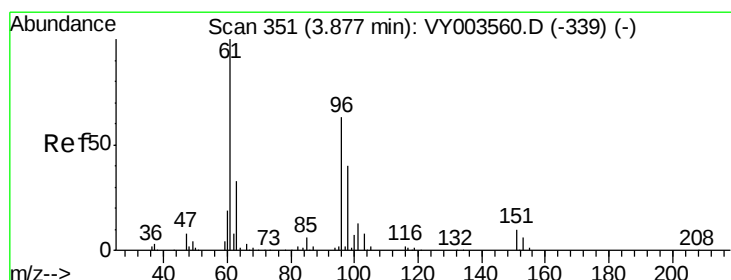
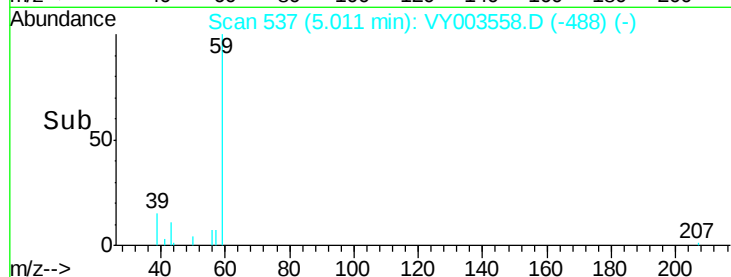
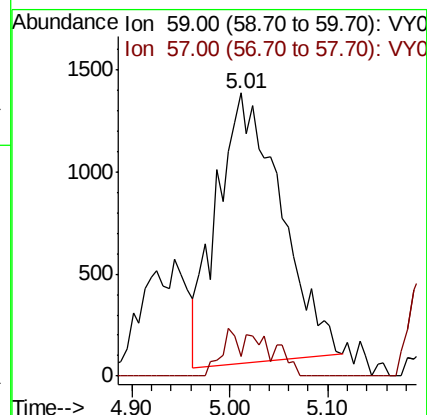
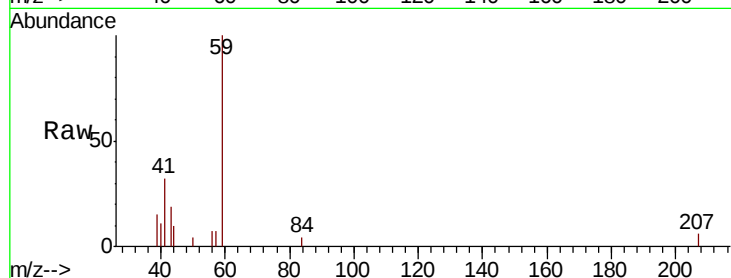
ClientSampleId :

Tot Ion: 59 Resp: 5987

Ion Ratio Lower Upper

59 100

57 3.3 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 10.398 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

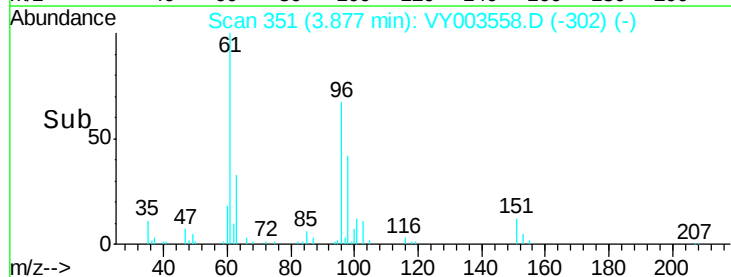
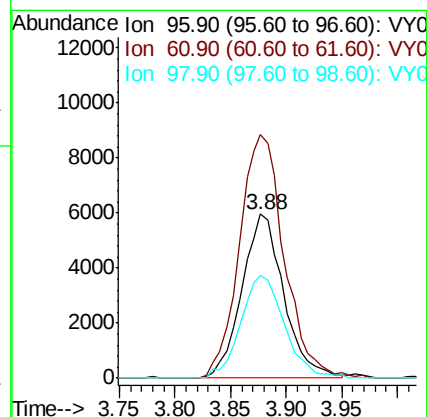
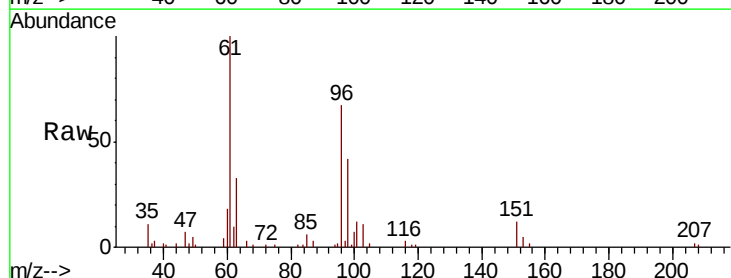
Tgt Ion: 96 Resp: 15581

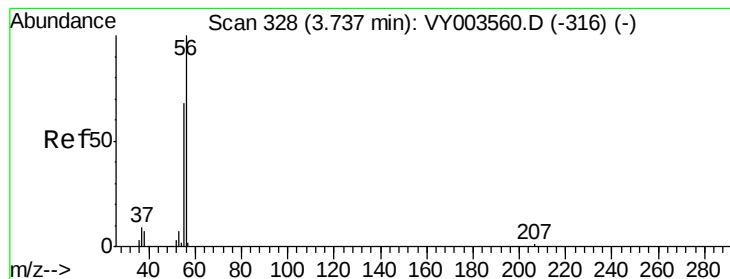
Ion Ratio Lower Upper

96 100

61 148.3 127.3 190.9

98 62.3 50.6 76.0





#13

Acrolein

Concen: 53.033 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

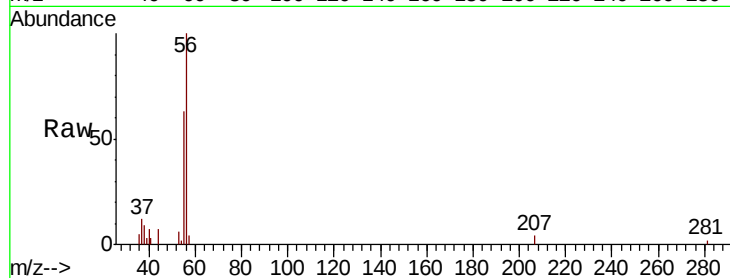
ClientSampleId :

Tot Ion: 56 Resp: 7996

Ion Ratio Lower Upper

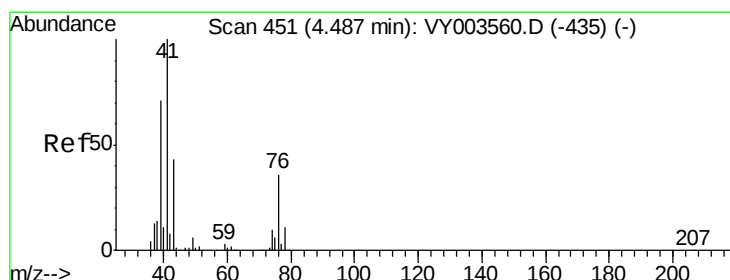
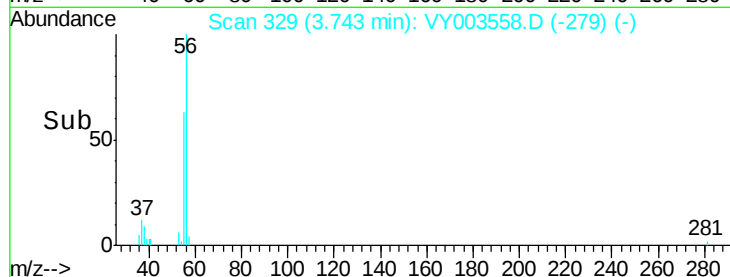
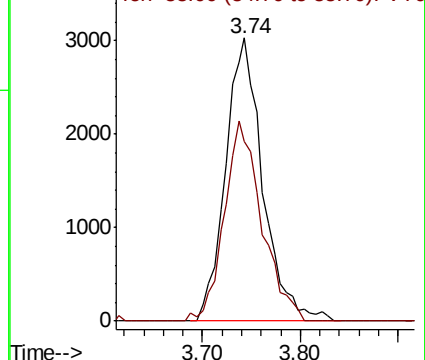
56 100

55 71.0 54.6 81.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 10.566 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

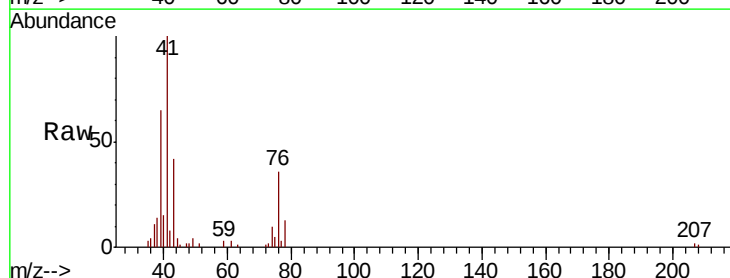
Tgt Ion: 41 Resp: 26541

Ion Ratio Lower Upper

41 100

39 64.6 54.2 81.2

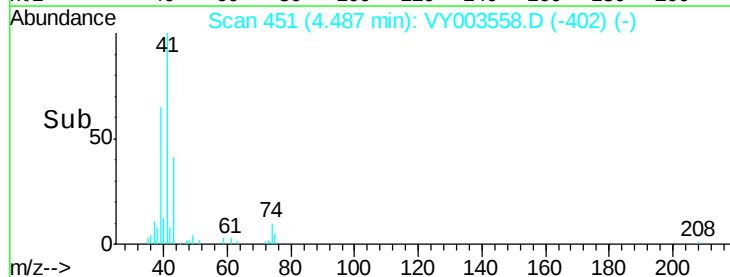
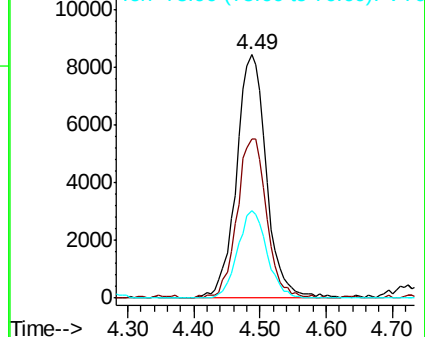
76 34.9 28.9 43.3

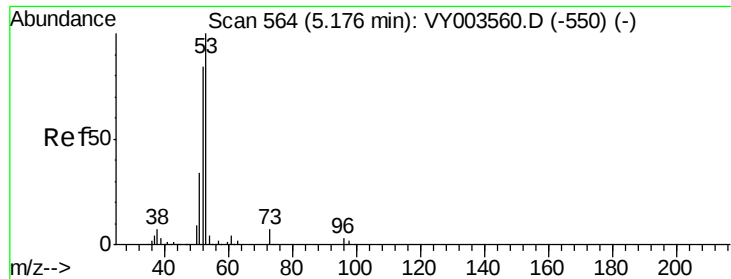


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 54.302 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

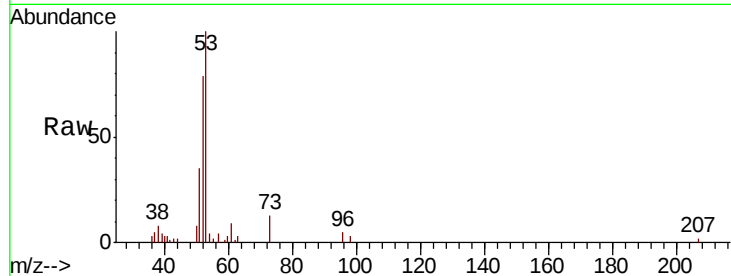
Tot Ion: 53 Resp: 22326

Ion Ratio Lower Upper

53 100

52 80.0 66.4 99.6

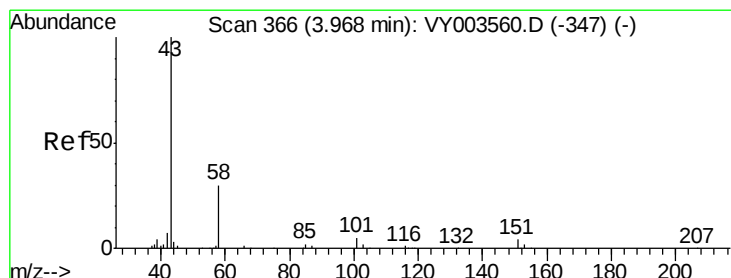
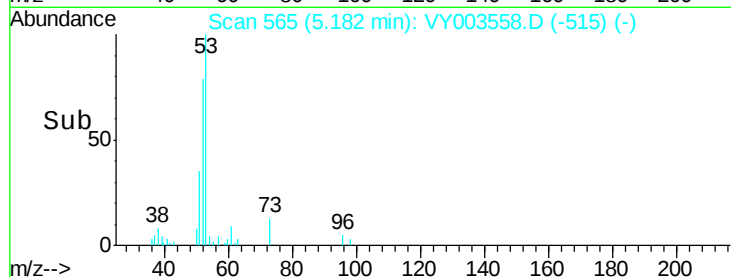
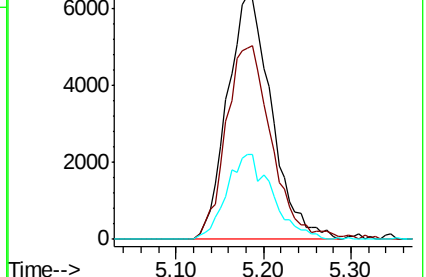
51 35.9 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY003558.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY003558.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY003558.D (-515) (-)



#16

Acetone

Concen: 48.838 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY003558.D

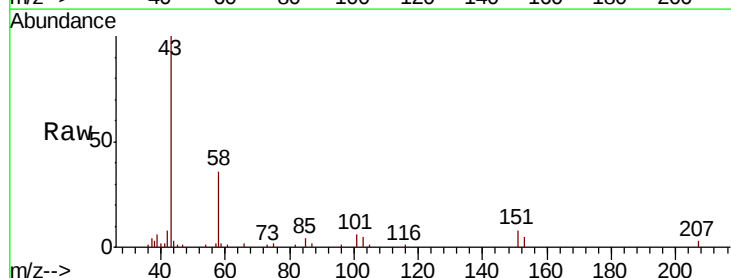
Acq: 20 Nov 2020 10:36

Tgt Ion: 43 Resp: 25768

Ion Ratio Lower Upper

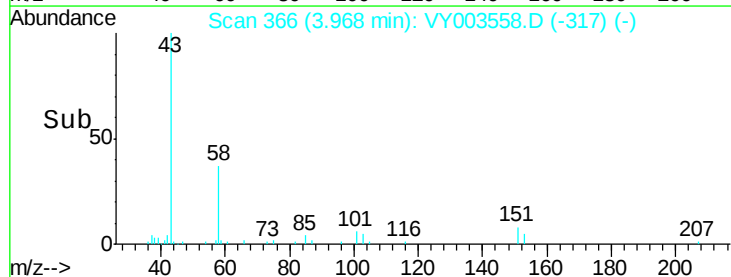
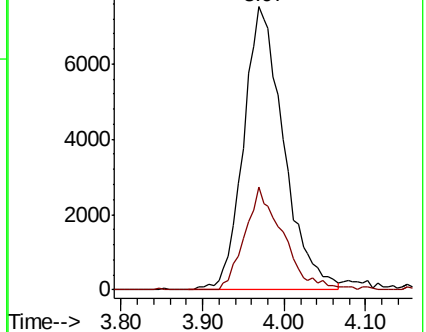
43 100

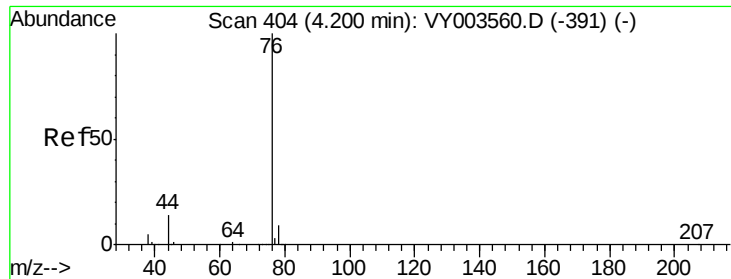
58 38.2 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VY003558.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY003558.D (-317) (-)

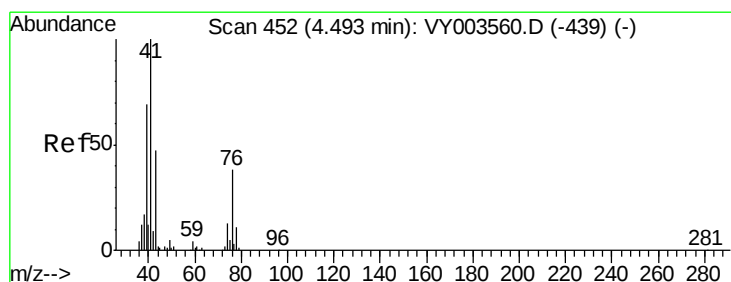
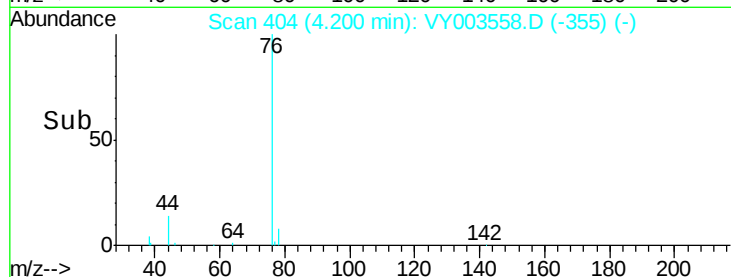
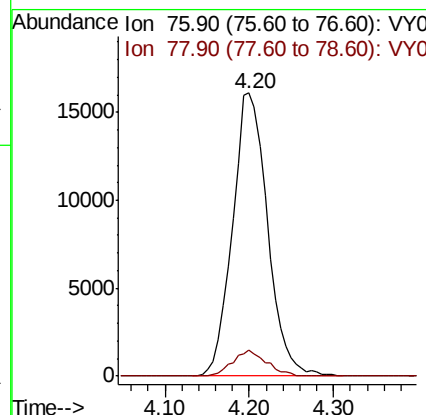
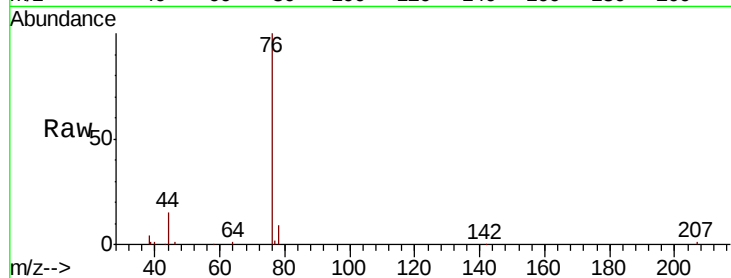




#17
Carbon Disulfide
Concen: 10.524 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

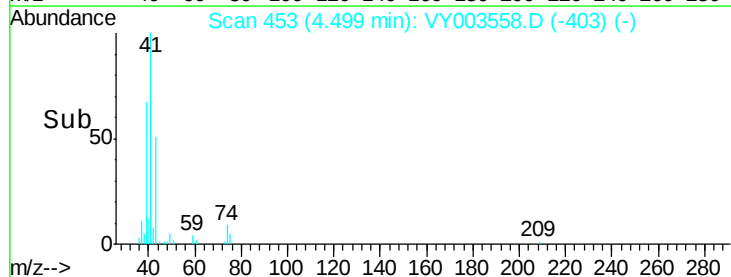
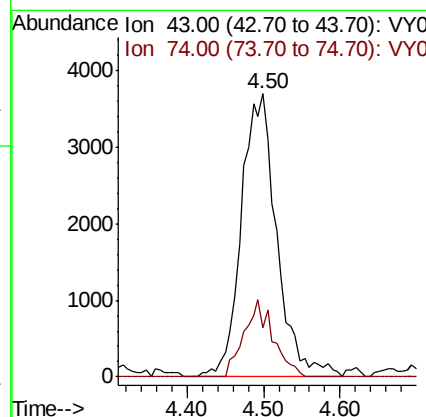
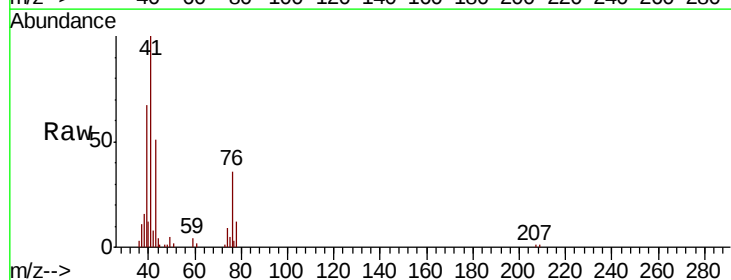
Instrument :
MSVOA_Y
ClientSampleId :

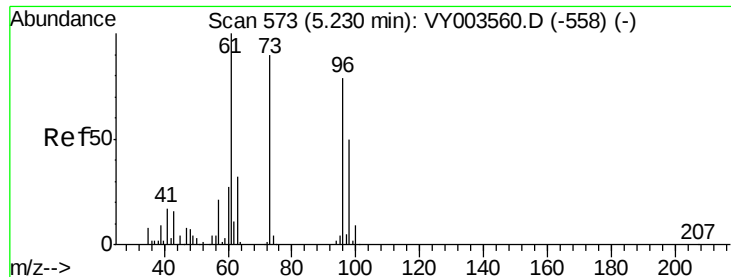
Tot Ion: 76 Resp: 45396
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 10.352 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 43 Resp: 11882
Ion Ratio Lower Upper
43 100
74 22.5 18.9 28.3

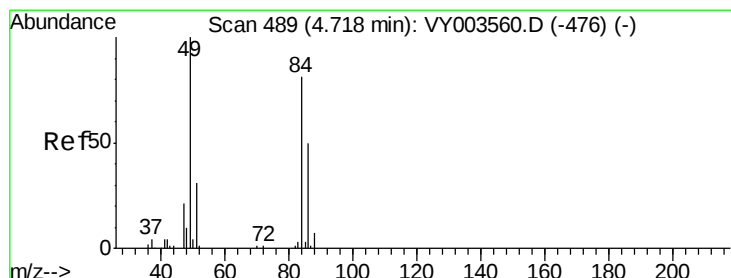
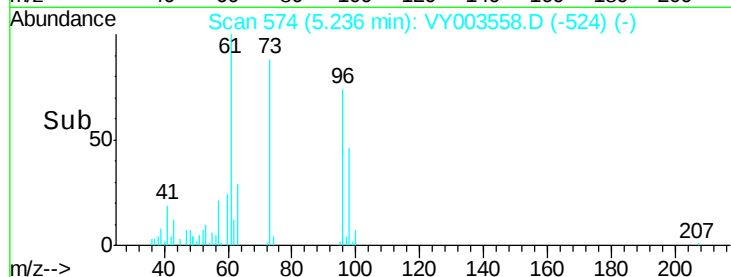
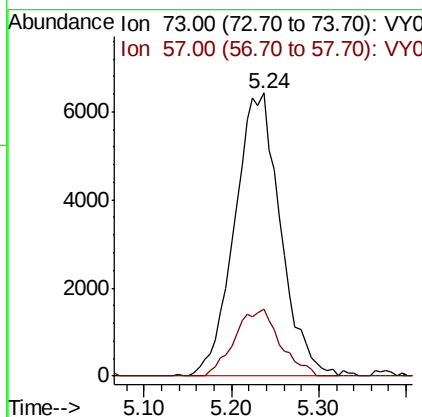
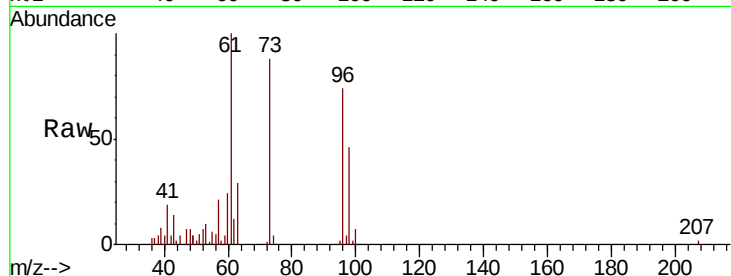




#19
Methyl tert-butyl Ether
Concen: 10.536 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

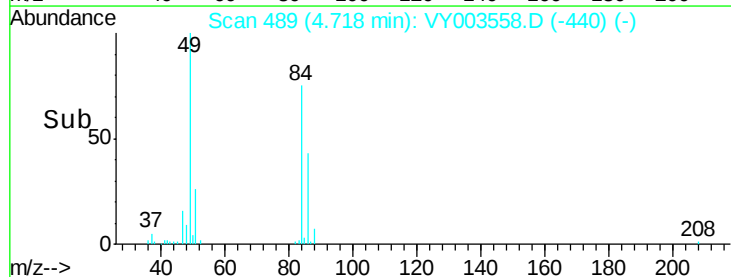
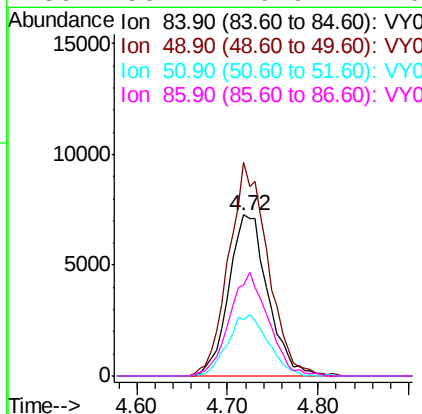
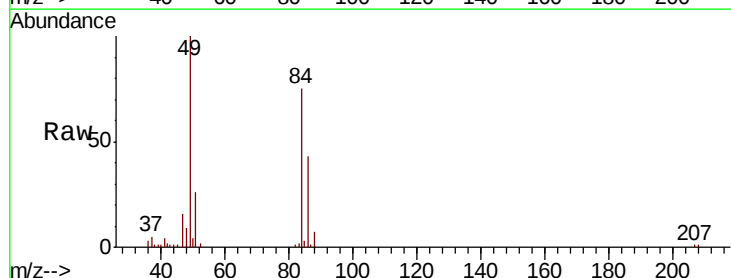
Instrument :
MSVOA_Y
ClientSampled :

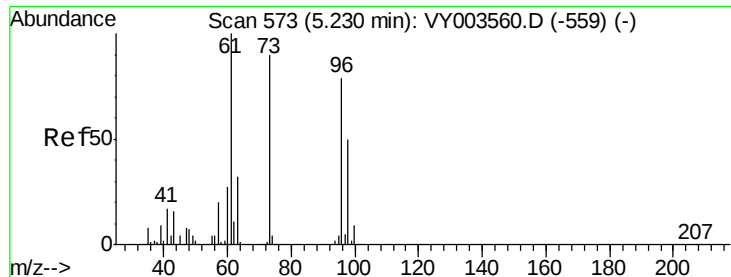
Tot Ion: 73 Resp: 23433
Ion Ratio Lower Upper
73 100
57 23.8 18.2 27.2



#20
Methylene Chloride
Concen: 10.846 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 84 Resp: 21732
Ion Ratio Lower Upper
84 100
49 132.8 99.0 148.6
51 35.2 30.5 45.7
86 56.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 10.504 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

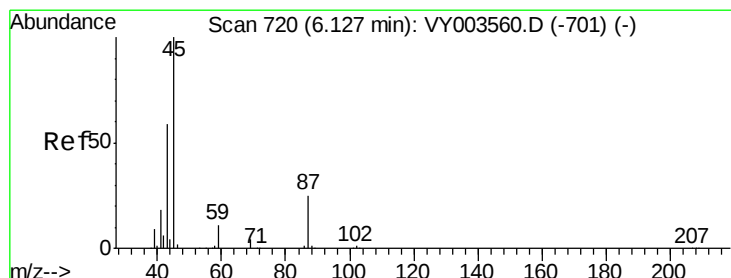
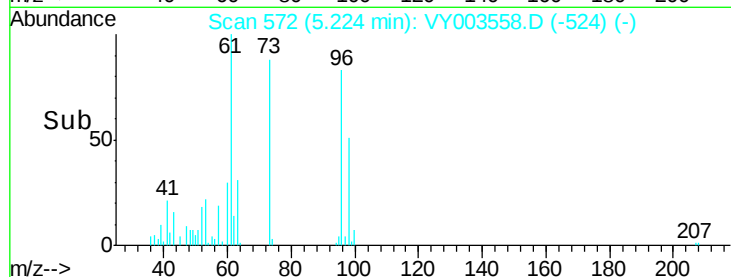
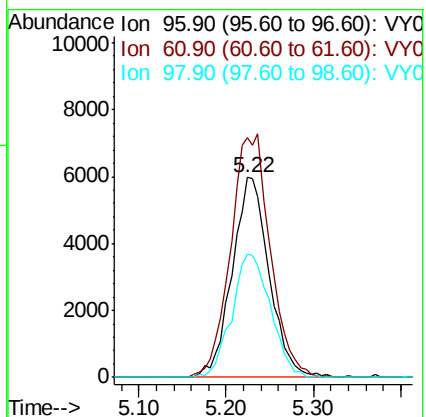
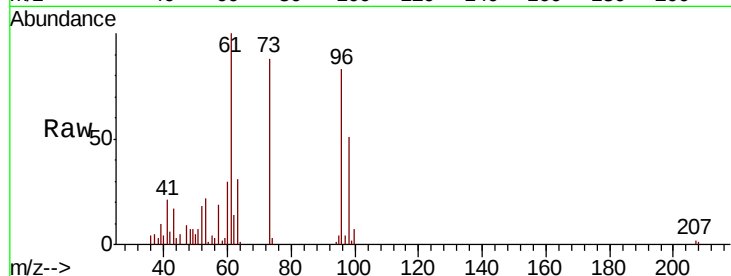
Tot Ion: 96 Resp: 17599

Ion Ratio Lower Upper

96 100

61 120.2 101.0 151.4

98 61.8 50.2 75.2



#22

Diisopropyl ether

Concen: 10.245 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Tgt Ion: 45 Resp: 44113

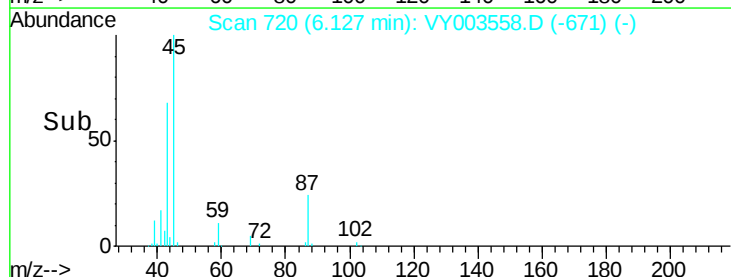
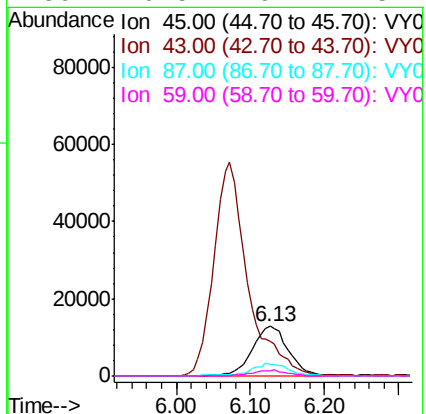
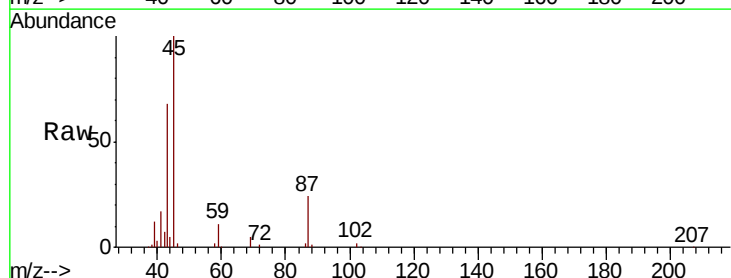
Ion Ratio Lower Upper

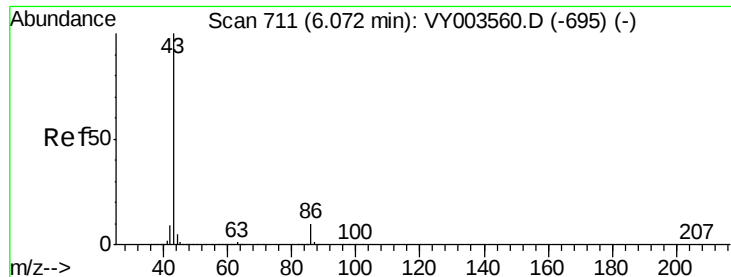
45 100

43 66.3 48.1 72.1

87 23.1 20.3 30.5

59 10.5 9.1 13.7





#23

Vinyl Acetate

Concen: 52.764 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

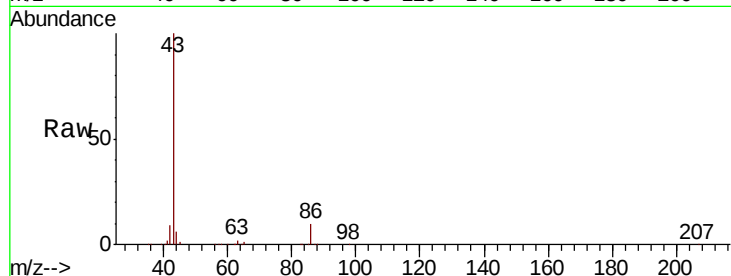
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 176590

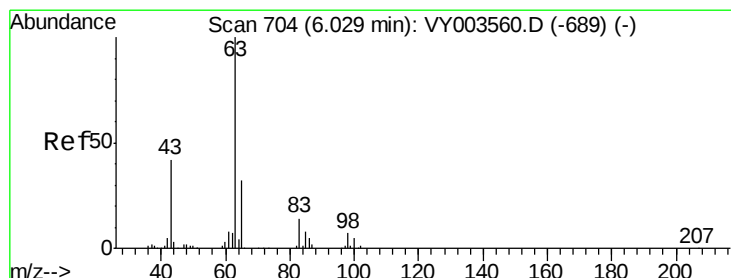
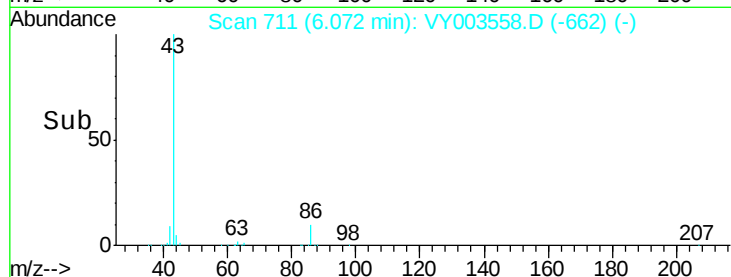
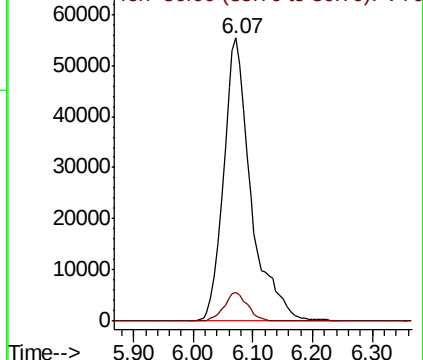
Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



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



#24

1,1-Dichloroethane

Concen: 10.523 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

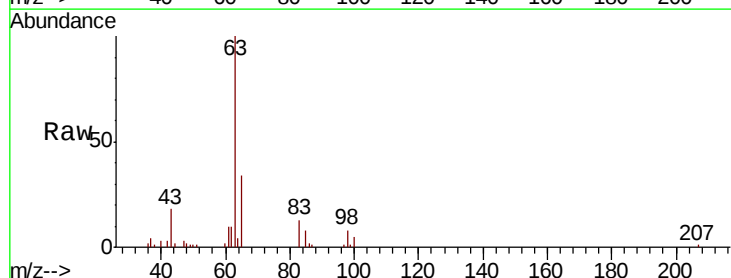
Tgt Ion: 63 Resp: 30158

Ion Ratio Lower Upper

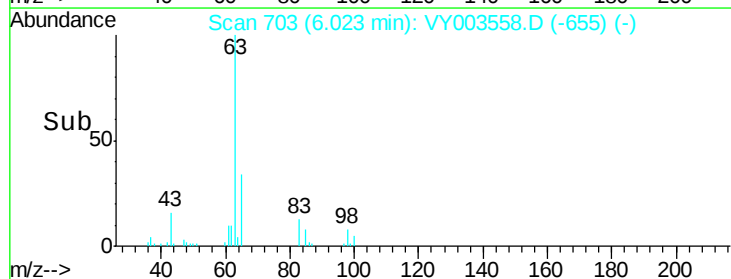
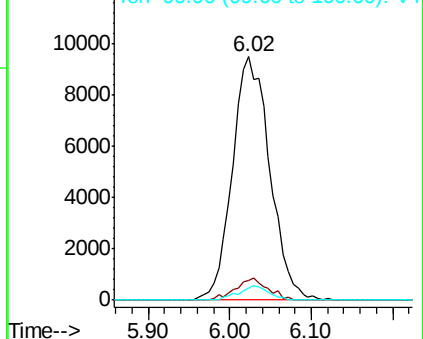
63 100

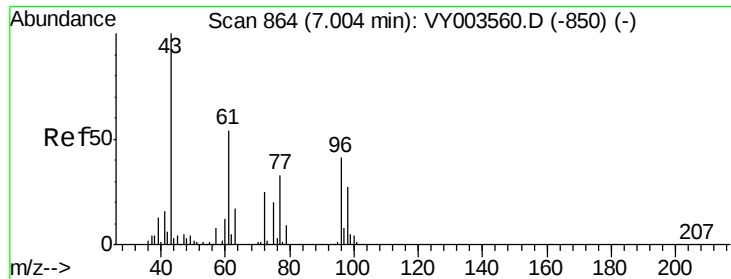
98 8.1 3.4 10.2

100 4.7 2.5 7.4



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





#25

2-Butanone

Concen: 50.659 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

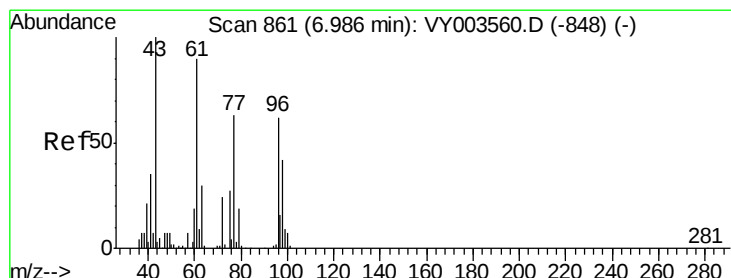
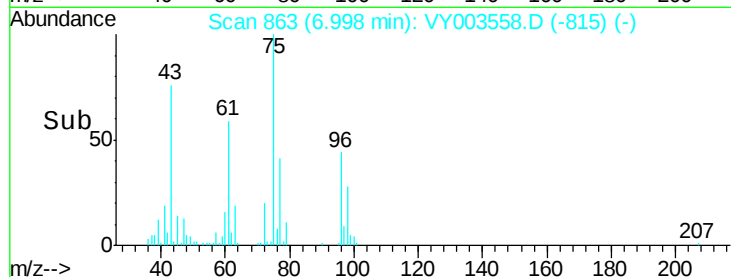
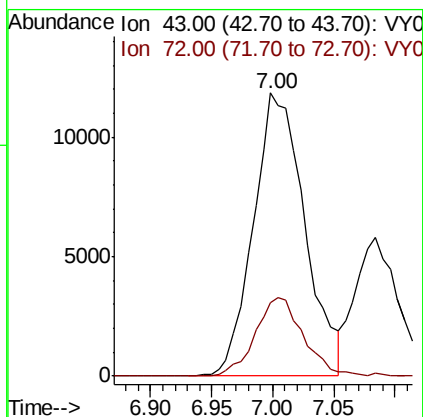
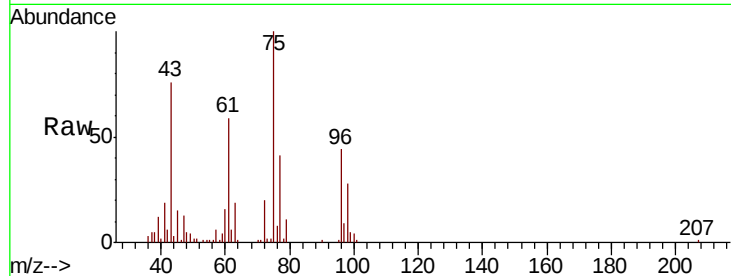
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 34683

Ion Ratio Lower Upper

43 100

72 26.0 19.8 29.8



#26

2,2-Dichloropropane

Concen: 11.104 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY003558.D

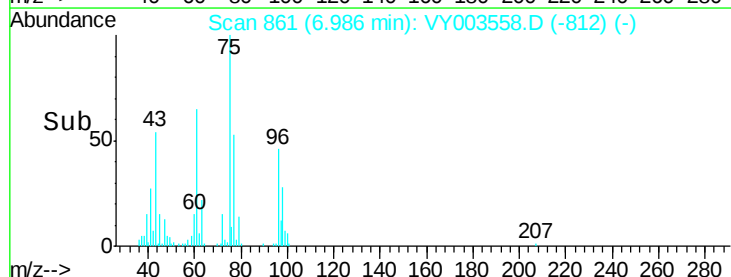
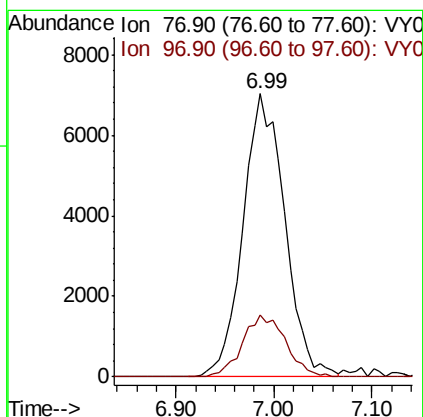
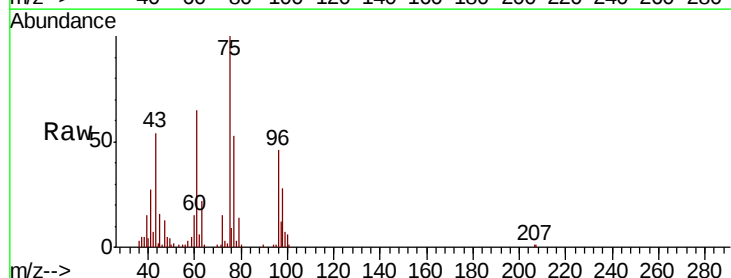
Acq: 20 Nov 2020 10:36

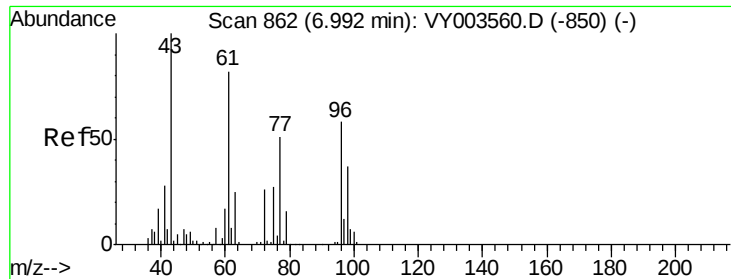
Tgt Ion: 77 Resp: 20810

Ion Ratio Lower Upper

77 100

97 22.5 12.2 36.6



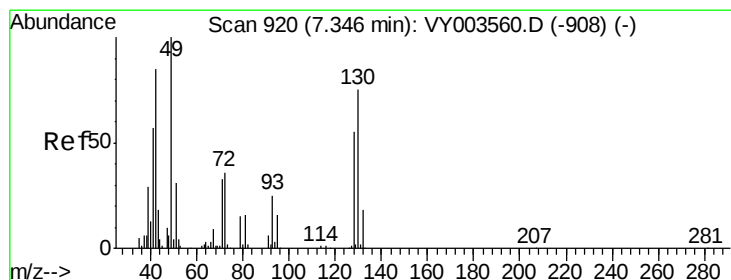
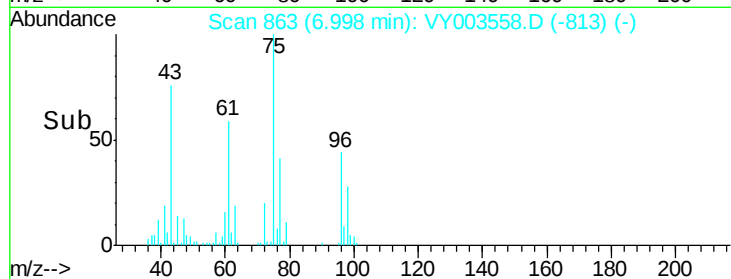
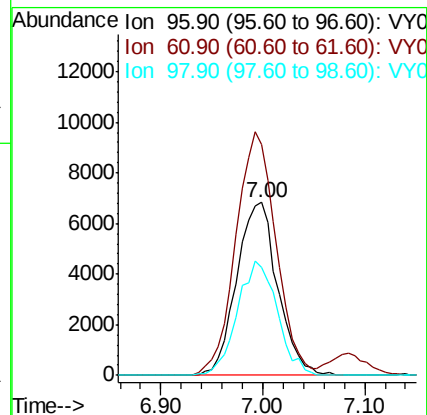
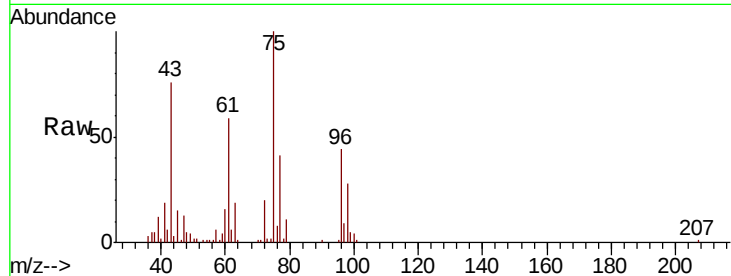


#27

cis-1,2-Dichloroethene
 Concen: 10.488 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :

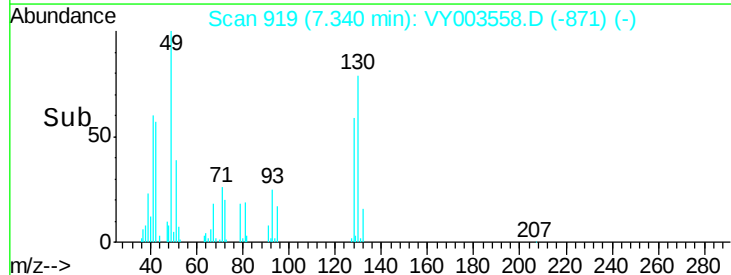
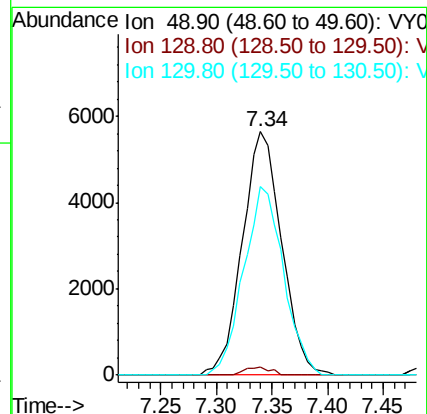
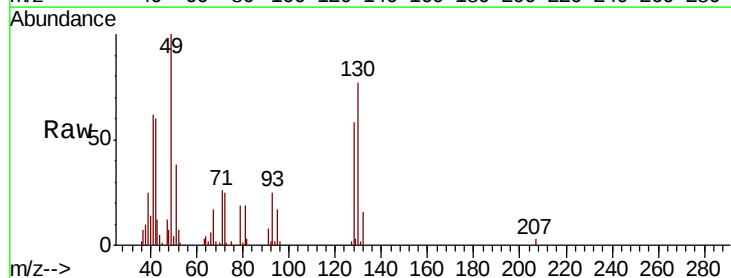
Tot Ion: 96 Resp: 19051
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 274.6
 98 64.5 0.0 130.6

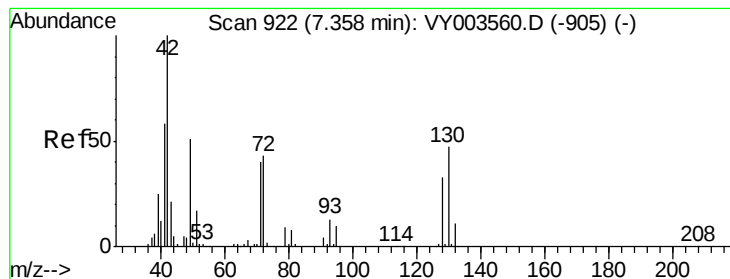


#28

Bromochloromethane
 Concen: 9.872 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion: 49 Resp: 13850
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 78.4 61.0 91.6





#29

Tetrahydrofuran

Concen: 53.220 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :

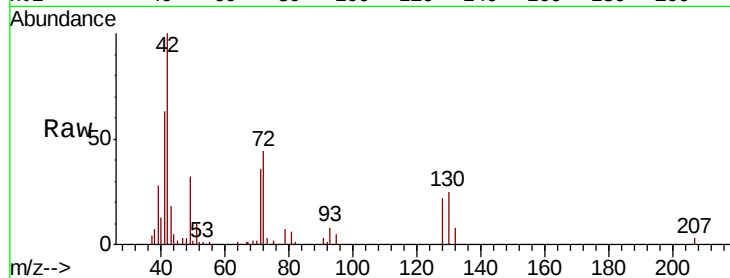
Tot Ion: 42 Resp: 19088

Ion Ratio Lower Upper

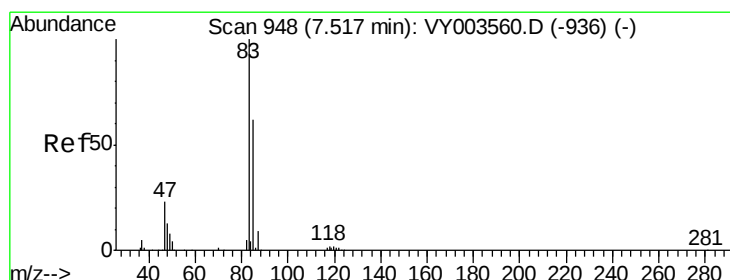
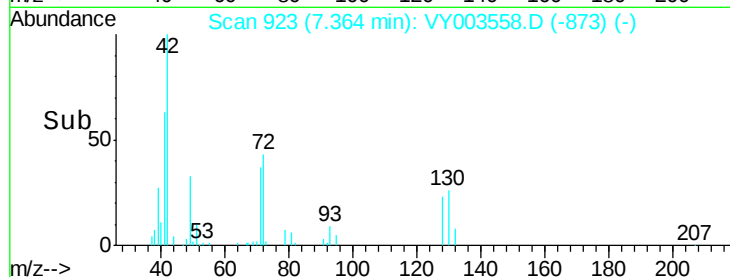
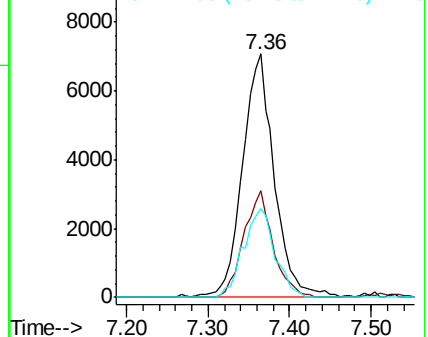
42 100

72 40.5 32.6 49.0

71 36.3 30.2 45.2



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



#30

Chloroform

Concen: 10.692 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003558.D

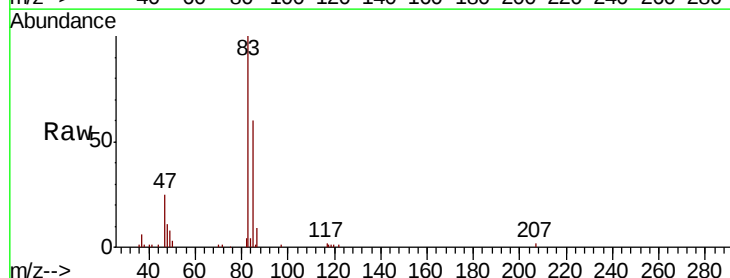
Acq: 20 Nov 2020 10:36

Tgt Ion: 83 Resp: 30577

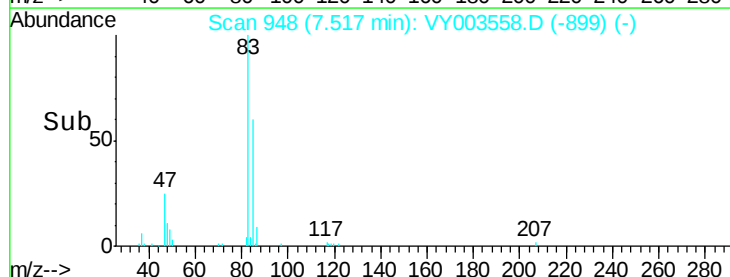
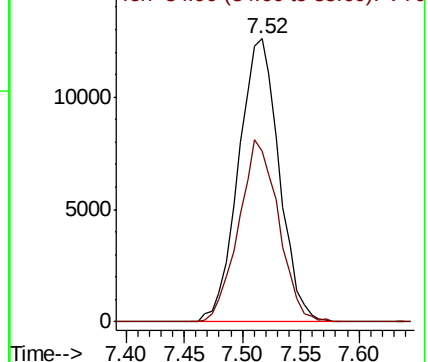
Ion Ratio Lower Upper

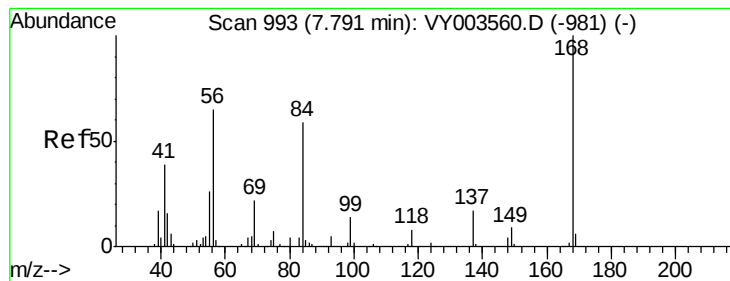
83 100

85 60.3 49.6 74.4



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





#31

Cyclohexane

Concen: 10.289 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

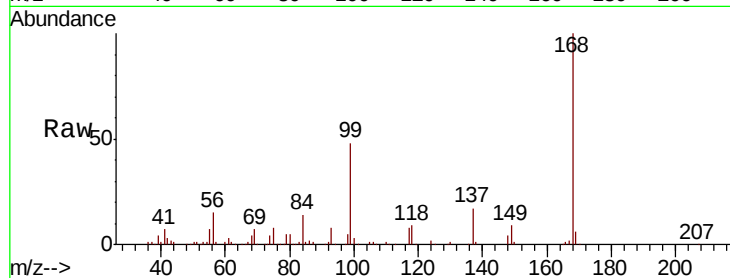
Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

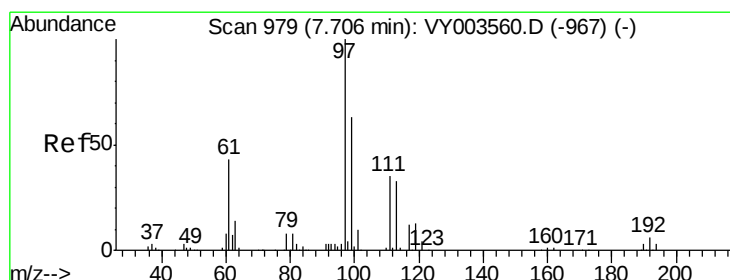
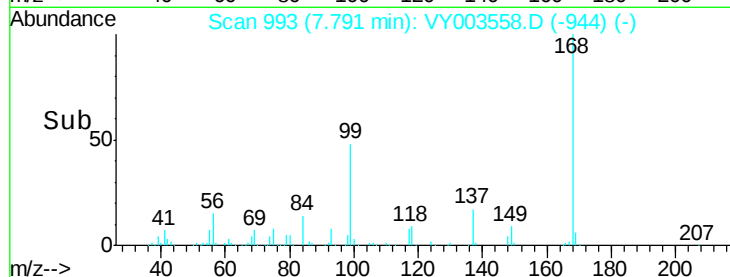
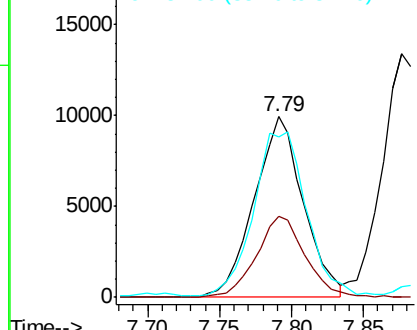
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 23506

Ion	Ratio	Lower	Upper
56	100		
69	44.9	27.0	40.6#
84	88.0	71.8	107.6



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: 10.487 ug/l

RT: 7.71 min Scan# 980

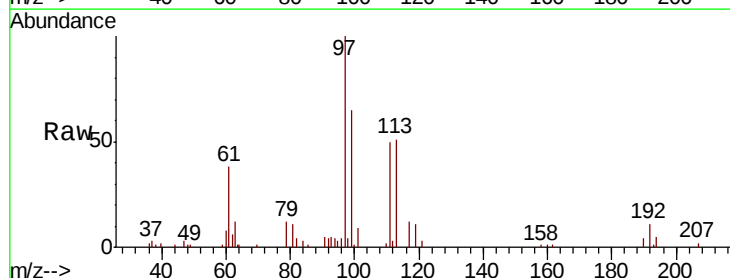
Delta R.T. 0.01 min

Lab File: VY003558.D

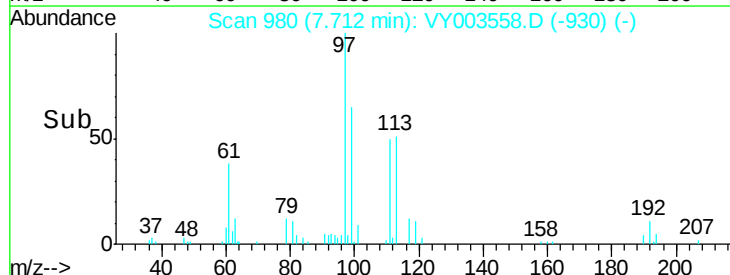
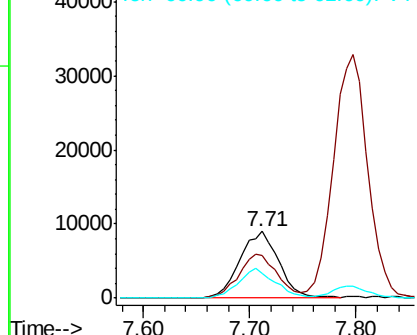
Acq: 20 Nov 2020 10:36

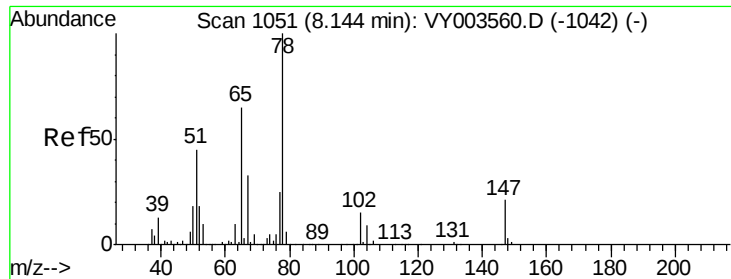
Tgt Ion: 97 Resp: 23176

Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.2	75.2
61	41.8	34.1	51.1



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

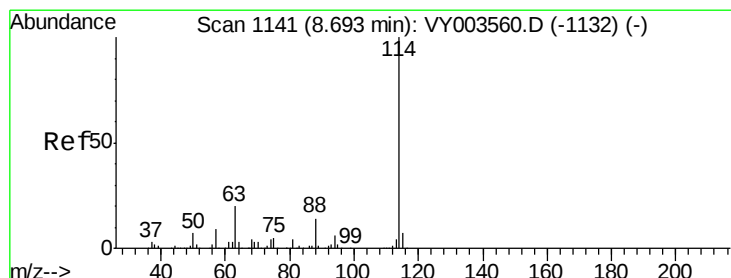
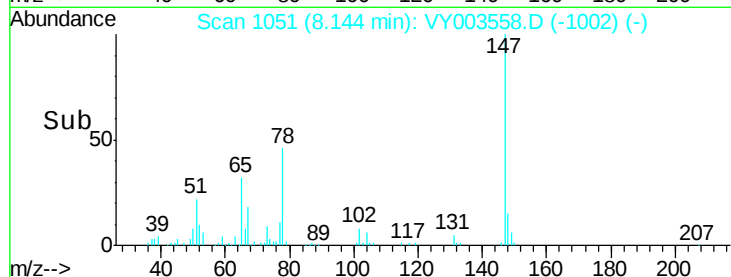
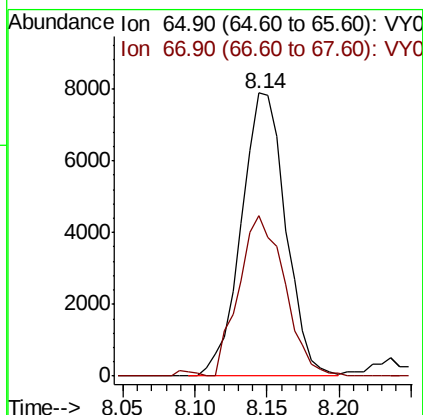
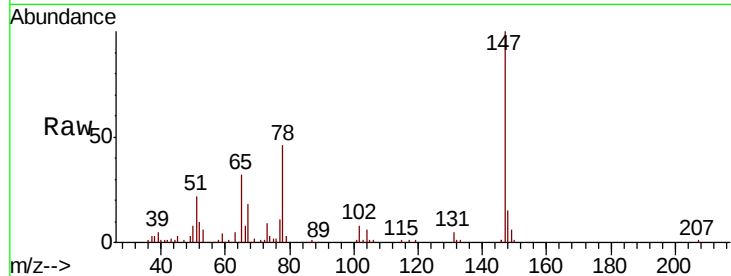




#33
 1,2-Dichloroethane-d4
 Concen: 10.656 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

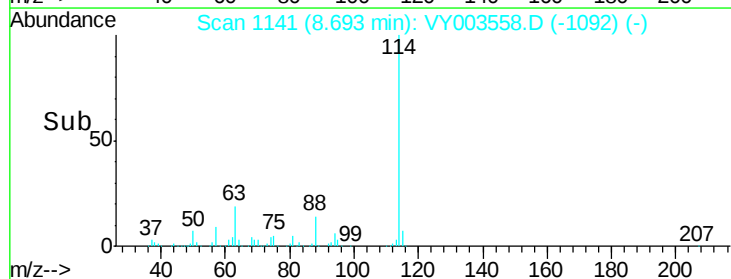
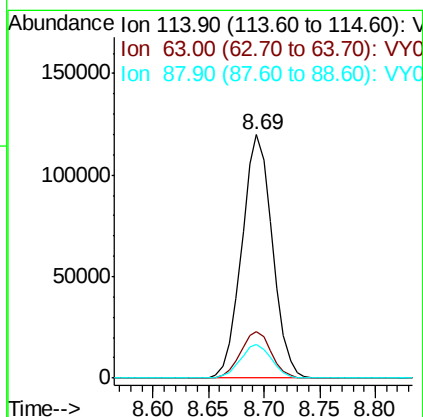
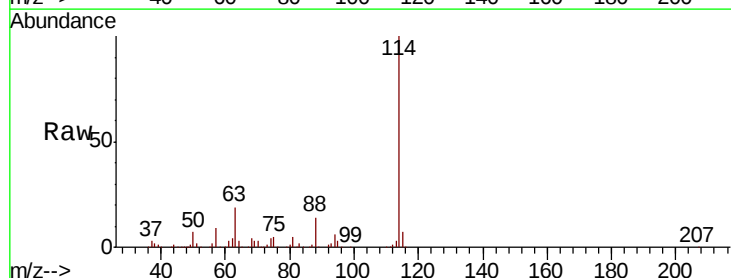
Instrument :
 MSVOA_Y
 ClientSampleId :

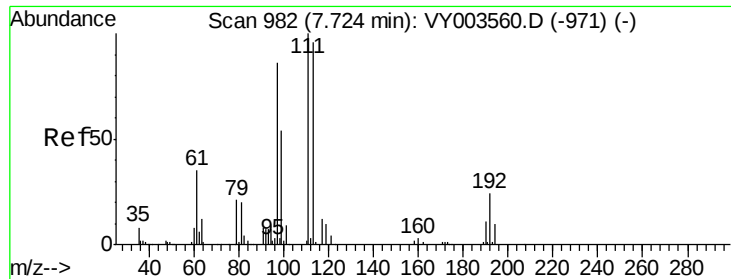
Tot Ion: 65 Resp: 16839
 Ion Ratio Lower Upper
 65 100
 67 58.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion: 114 Resp: 229297
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 14.0 0.0 29.0

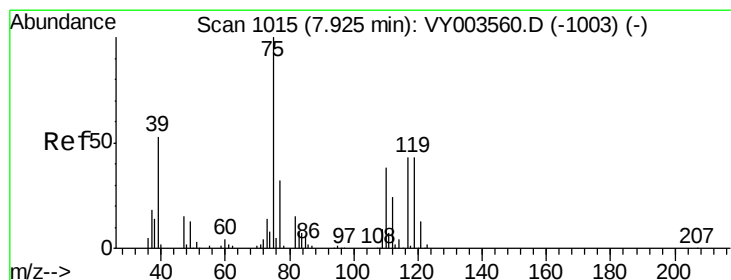
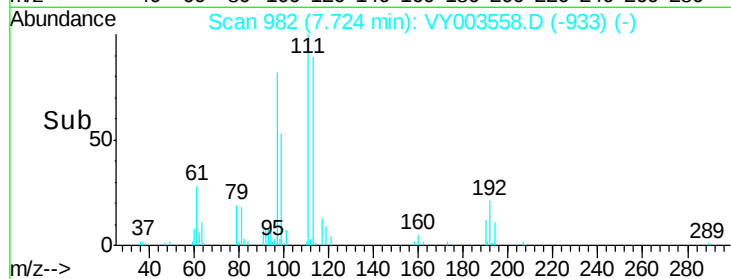
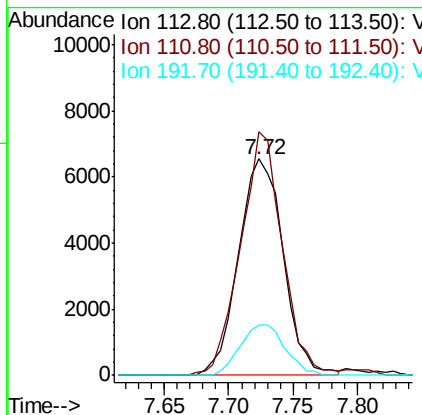
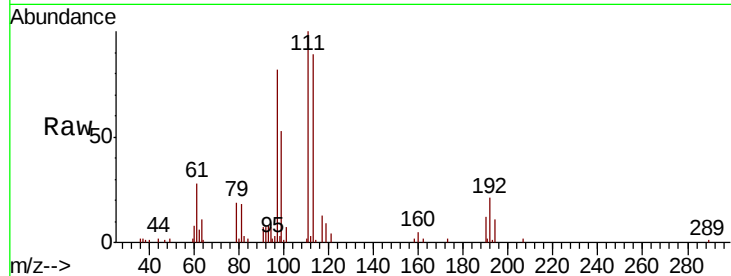




#35
 Dibromofluoromethane
 Concen: 10.460 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

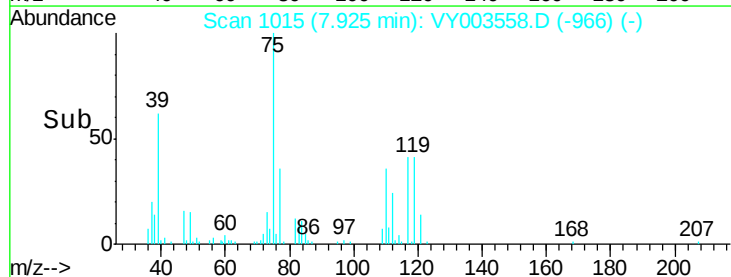
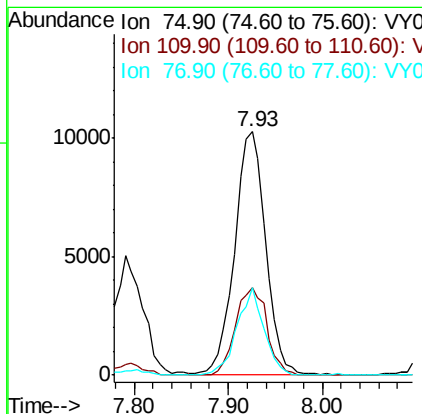
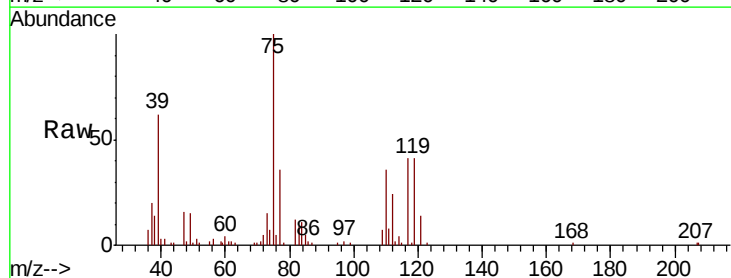
Instrument :
 MSVOA_Y
 ClientSampleId :

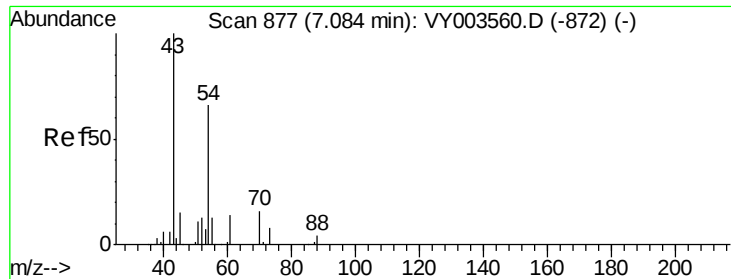
Tot Ion:113 Resp: 15766
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.4 122.0
 192 23.3 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 10.518 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion: 75 Resp: 23743
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.7 56.1
 77 31.2 25.4 38.2

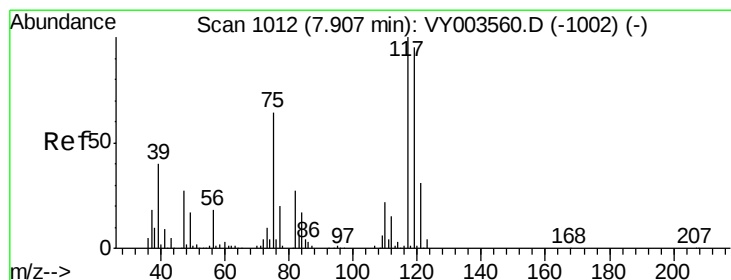
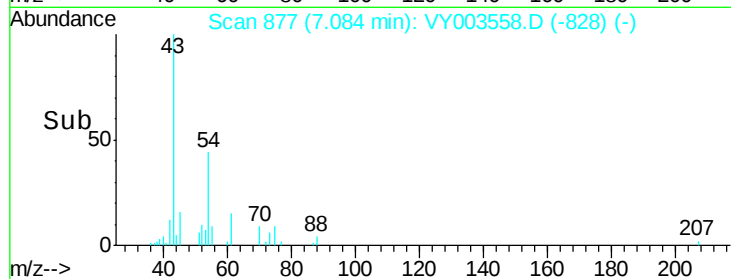
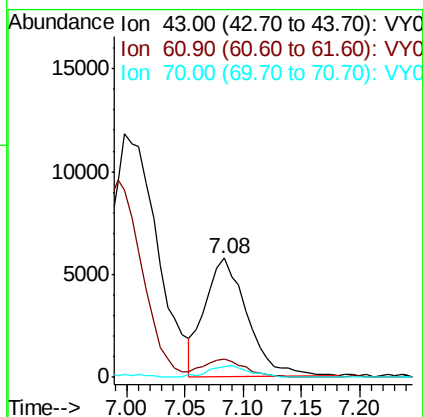
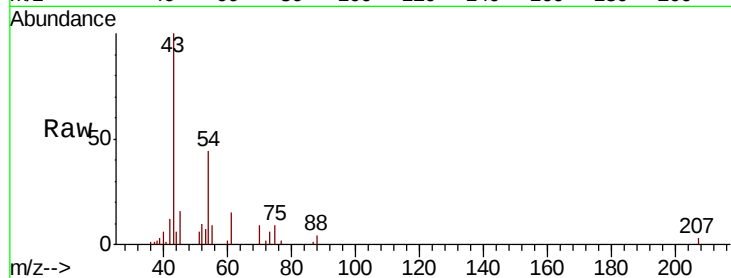




#37
Ethyl Acetate
Concen: 10.670 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

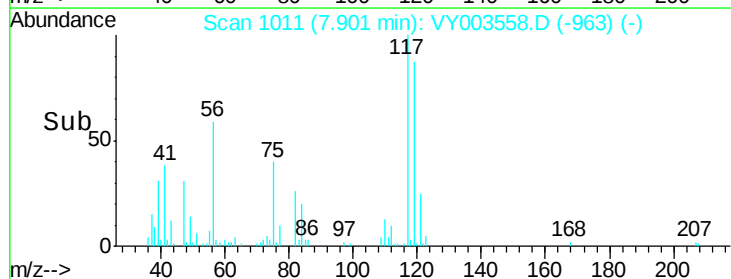
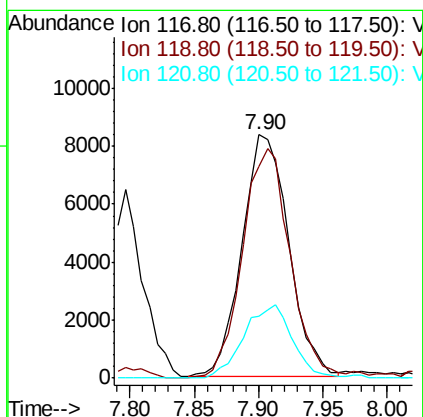
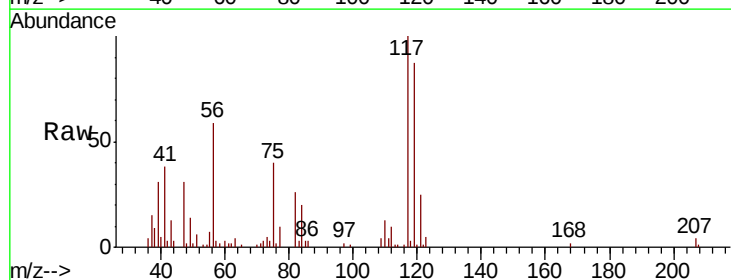
Instrument :
MSVOA_Y
ClientSampleId :

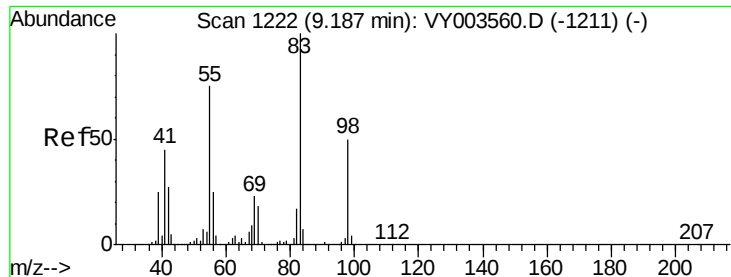
Tot Ion: 43 Resp: 14515
Ion Ratio Lower Upper
43 100
61 15.2 10.3 15.5
70 9.2 7.5 11.3



#38
Carbon Tetrachloride
Concen: 9.991 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 117 Resp: 20892
Ion Ratio Lower Upper
117 100
119 87.6 76.3 114.5
121 25.4 25.1 37.7

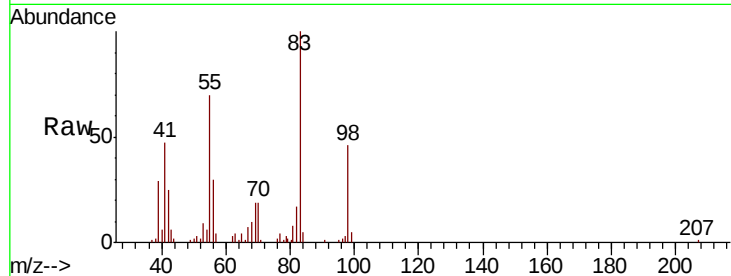




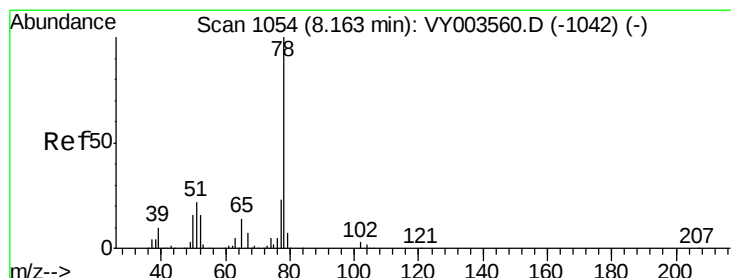
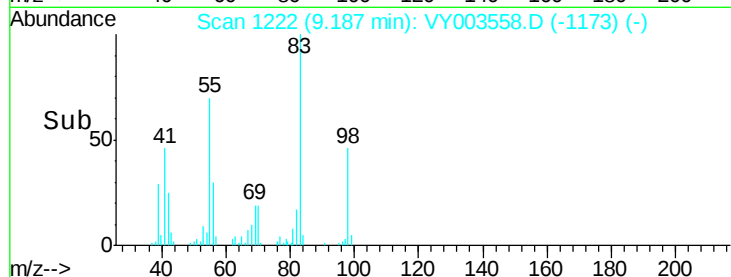
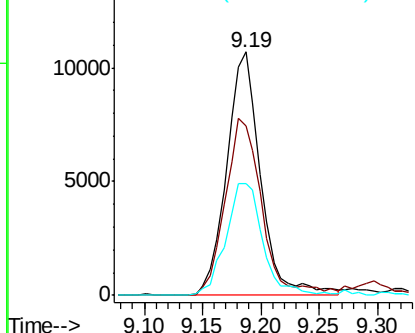
#39
Methvlcvclohexane
Concen: 9.468 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 21721
Ion Ratio Lower Upper
83 100
55 69.8 60.2 90.4
98 45.9 40.3 60.5

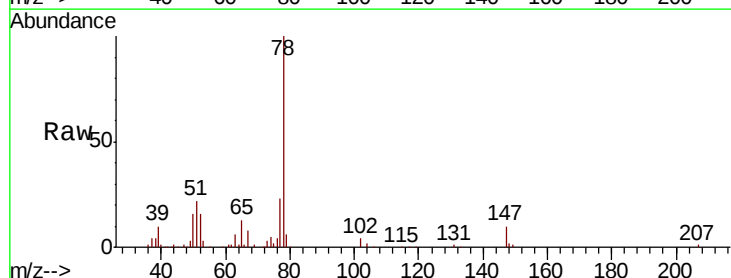


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

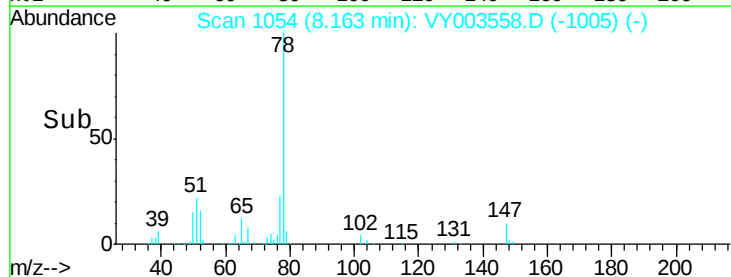
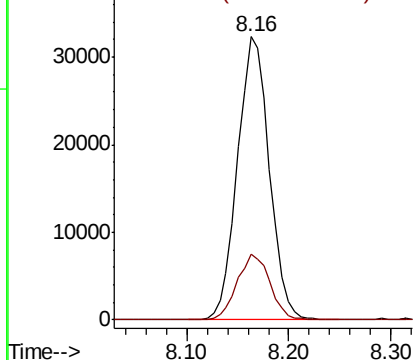


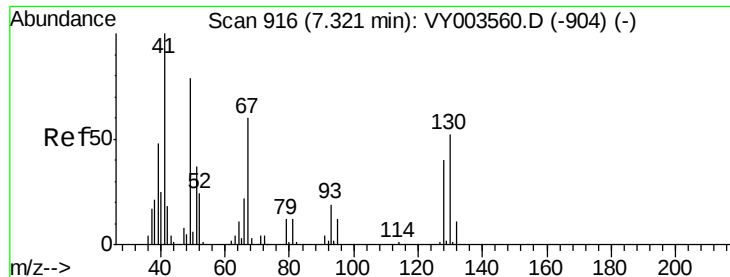
#40
Benzene
Concen: 10.456 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 78 Resp: 69968
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

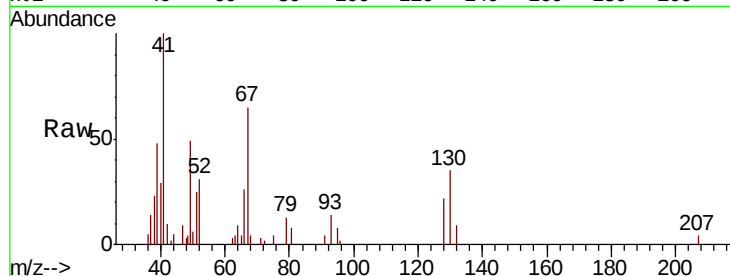




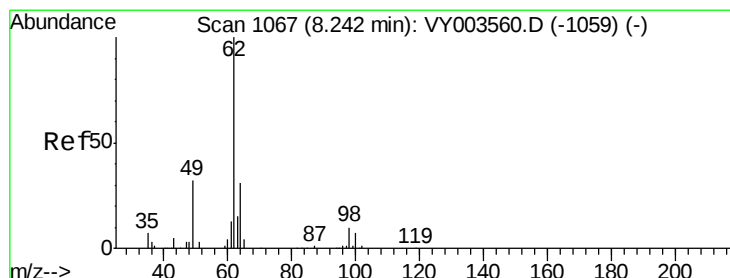
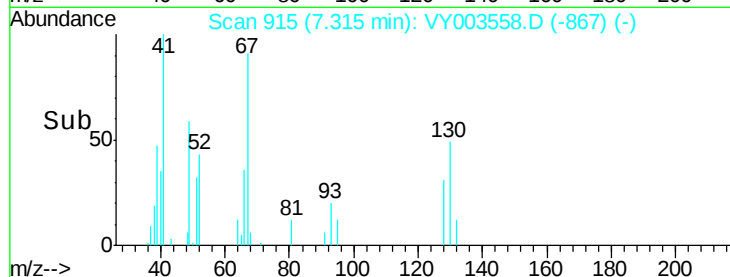
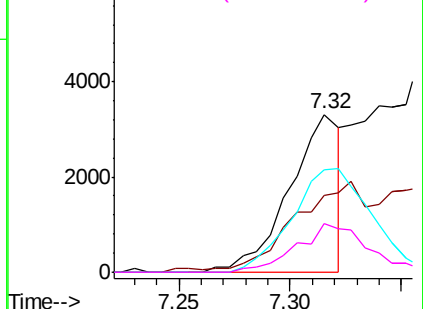
#41
Methacrylonitrile
Concen: 7.963 ug/l
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 5326
Ion Ratio Lower Upper
41 100
39 86.3 41.4 62.0#
67 101.7 57.2 85.8#
52 42.7 23.6 35.4#

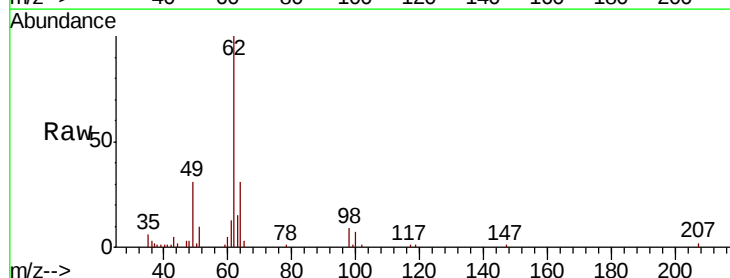


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

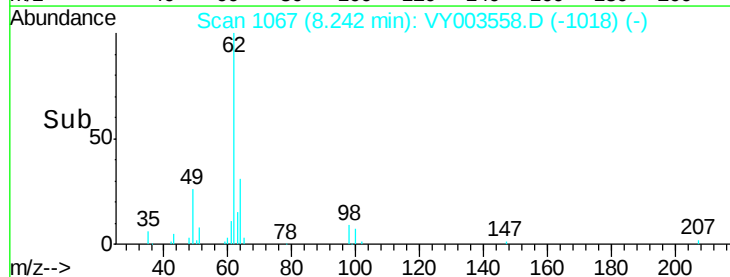
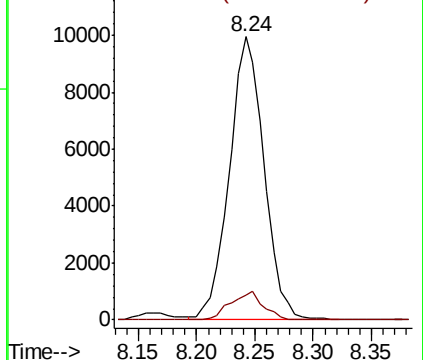


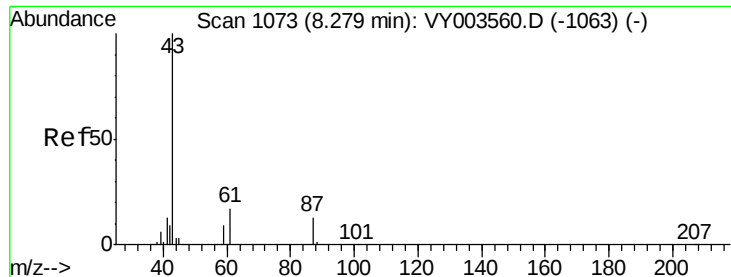
#42
1,2-Dichloroethane
Concen: 10.855 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 62 Resp: 20664
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 10.646 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

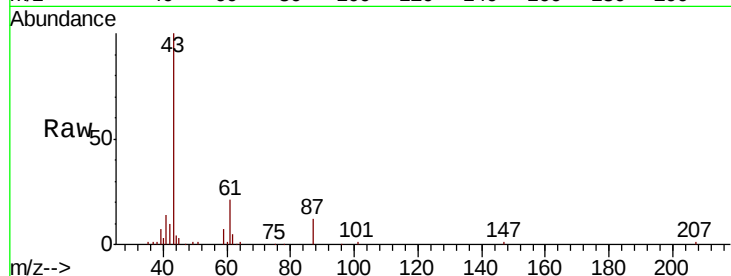
Tot Ion: 43 Resp: 26593

Ion Ratio Lower Upper

43 100

61 21.0 21.4 32.0#

87 13.0 10.7 16.1

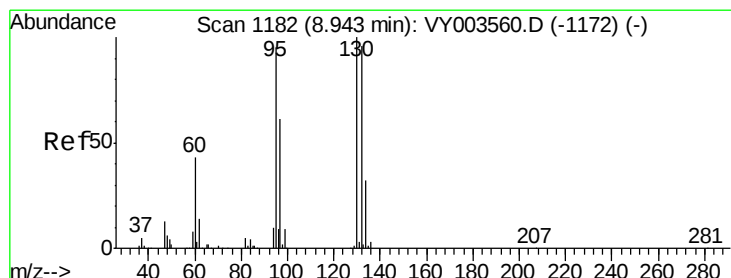
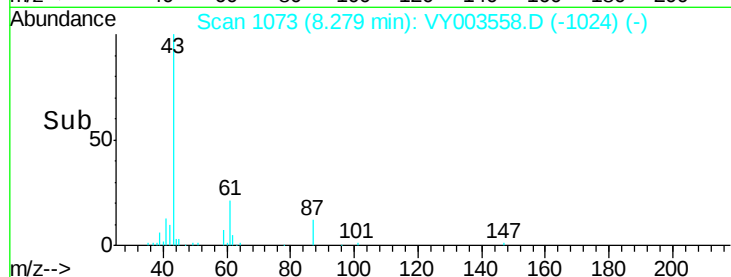


Abundance Ion 43.00 (42.70 to 43.70): VY003558.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003558.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003558.D (-1024) (-)

Time-->



#44

Trichloroethene

Concen: 10.584 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003558.D

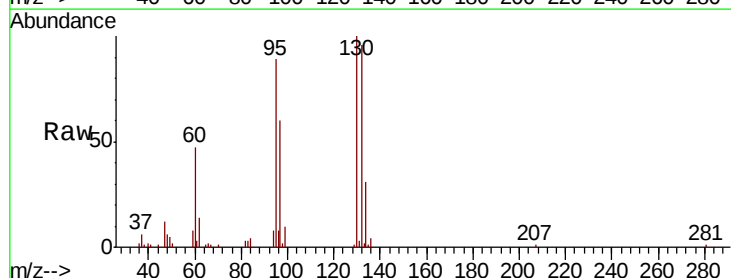
Acq: 20 Nov 2020 10:36

Tgt Ion:130 Resp: 19299

Ion Ratio Lower Upper

130 100

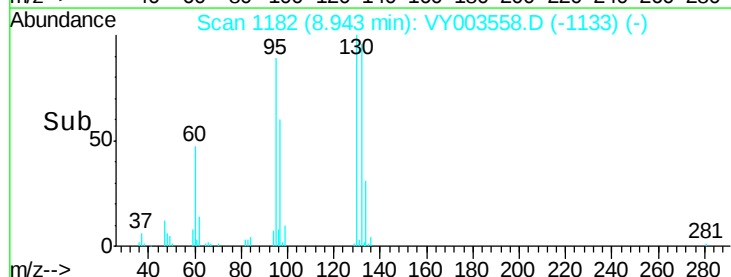
95 89.2 0.0 189.2

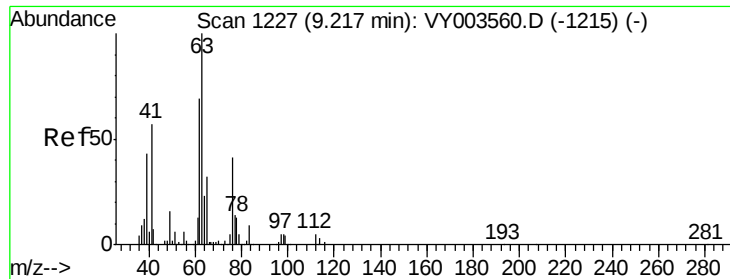


Abundance Ion 129.80 (129.50 to 130.50): VY003558.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003558.D (-1133) (-)

Time-->

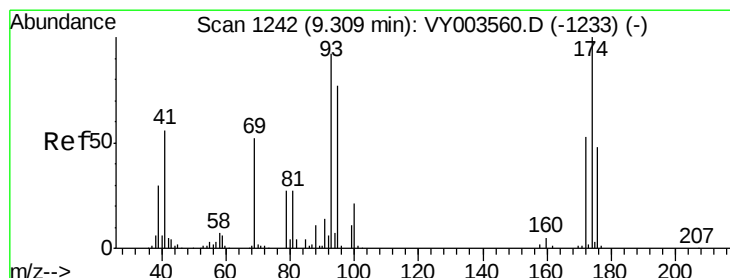
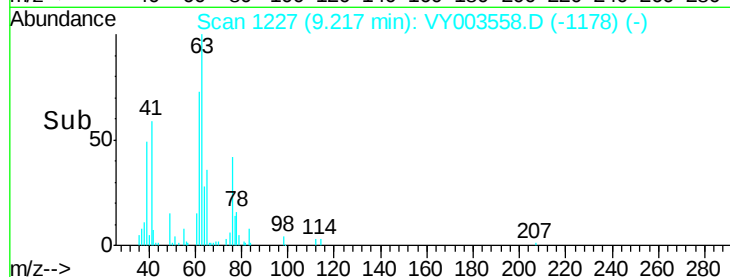
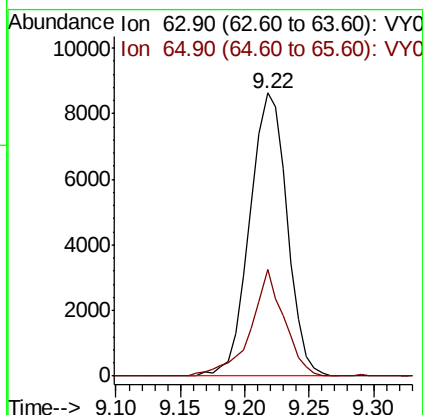
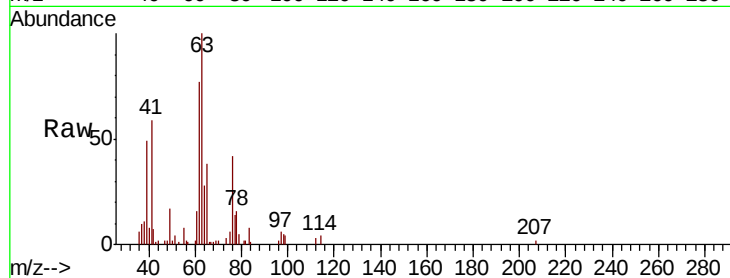




#45
 1,2-Dichloropropane
 Concen: 10.430 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

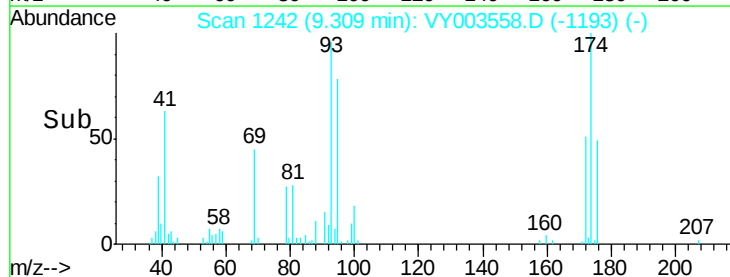
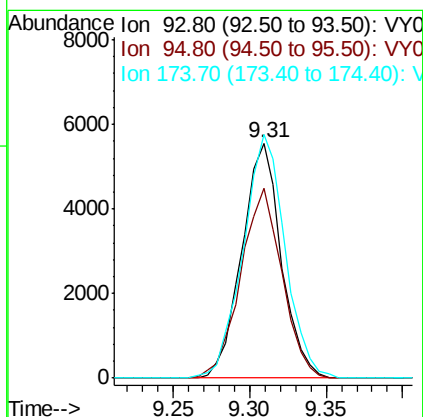
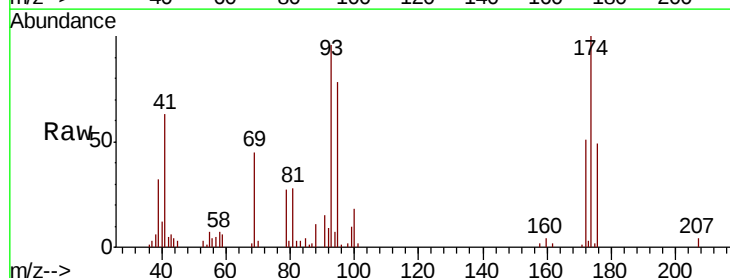
Instrument :
 MSVOA_Y
 ClientSampleId :

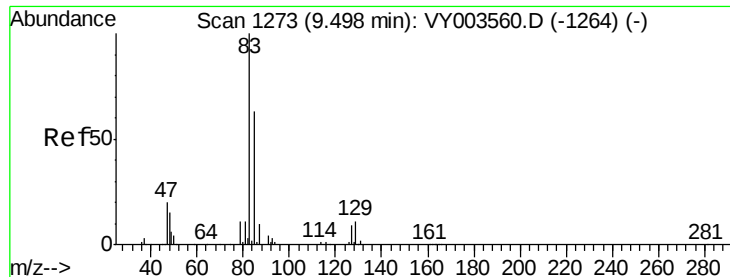
Tot Ion: 63 Resp: 17302
 Ion Ratio Lower Upper
 63 100
 65 37.5 25.7 38.5



#46
 Dibromomethane
 Concen: 10.526 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion: 93 Resp: 9944
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.9 98.9
 174 110.7 86.8 130.2





#47

Bromodichloromethane

Concen: 10.450 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :

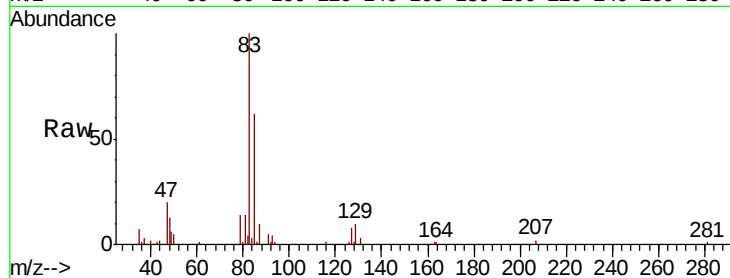
Tot Ion: 83 Resp: 23448

Ion Ratio Lower Upper

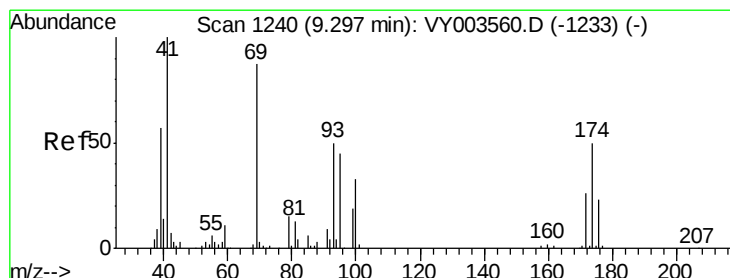
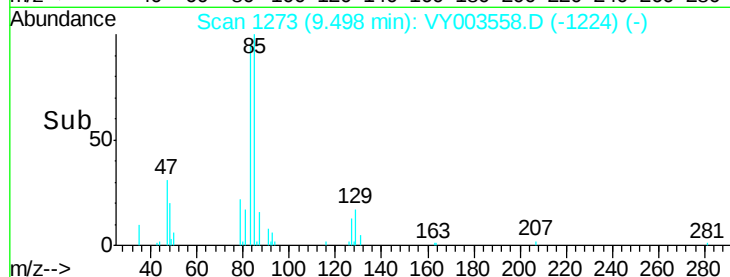
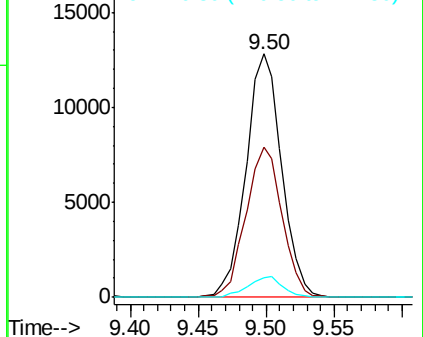
83 100

85 61.6 50.7 76.1

127 8.2 7.0 10.4



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): VY0



#48

Methyl methacrylate

Concen: 10.570 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

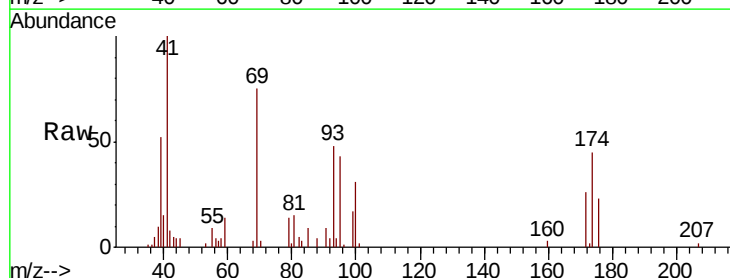
Tgt Ion: 41 Resp: 12638

Ion Ratio Lower Upper

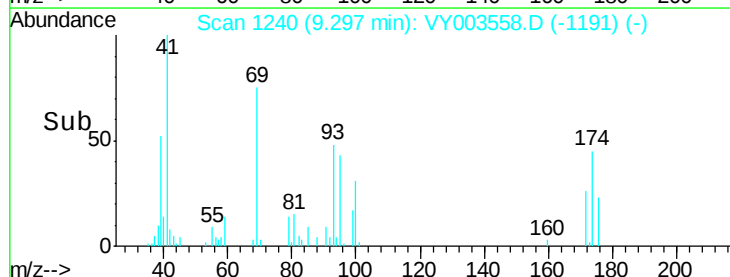
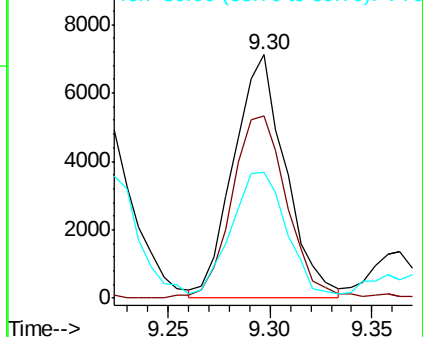
41 100

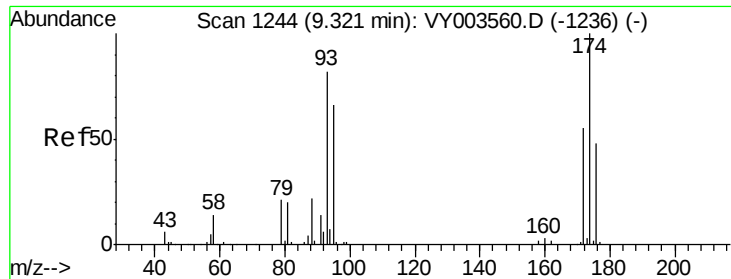
69 79.1 68.6 102.8

39 56.0 48.8 73.2



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: 203.164 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :

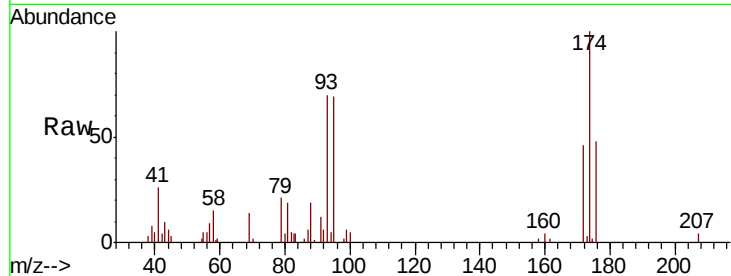
Tot Ion: 88 Resp: 2199

Ion Ratio Lower Upper

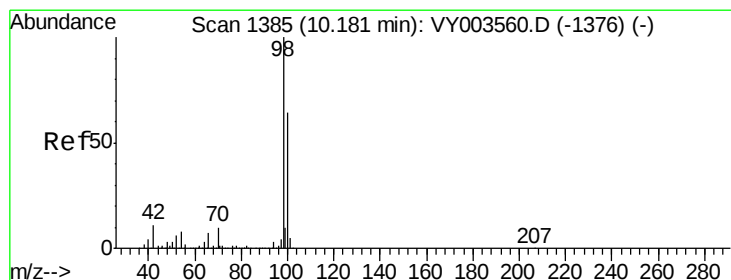
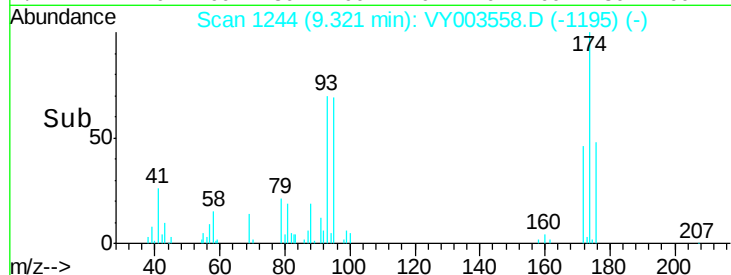
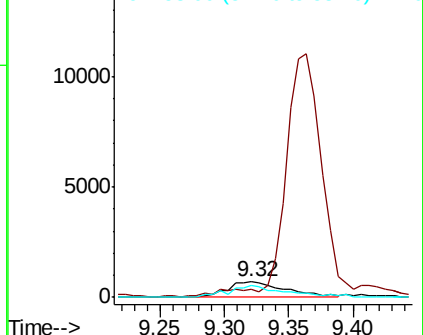
88 100

43 0.0 0.0 0.0

58 79.0 50.9 76.3#



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: 10.599 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003558.D

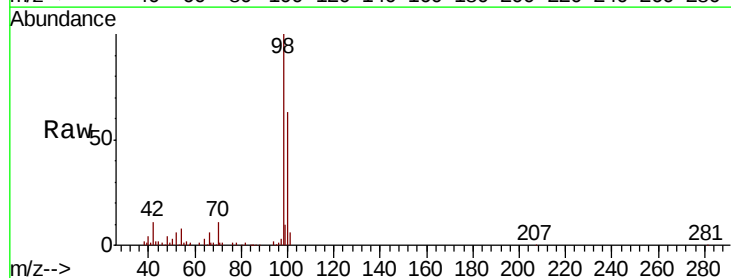
Acq: 20 Nov 2020 10:36

Tgt Ion: 98 Resp: 62118

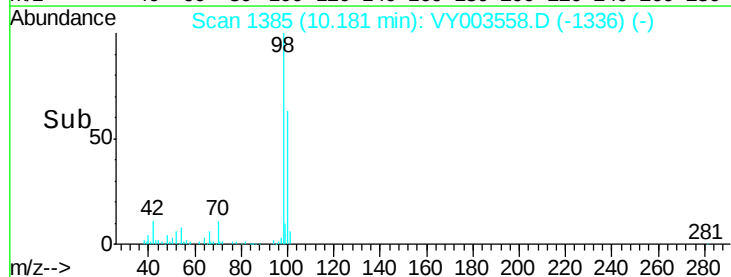
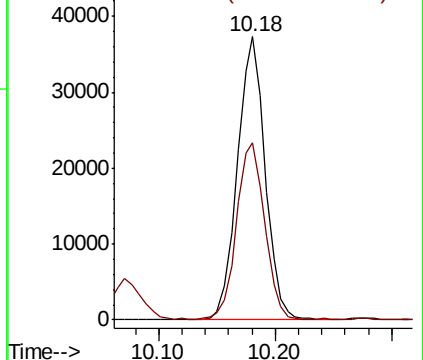
Ion Ratio Lower Upper

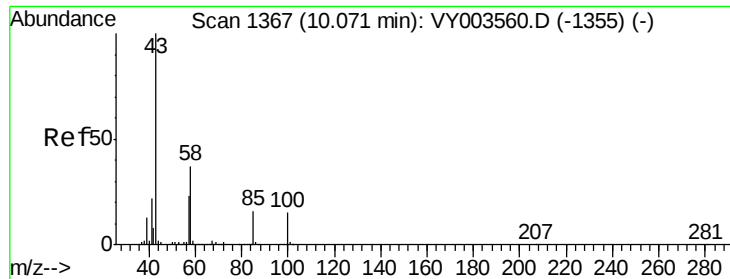
98 100

100 63.1 51.4 77.2



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

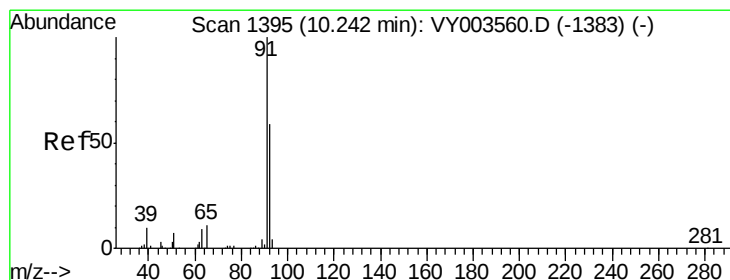
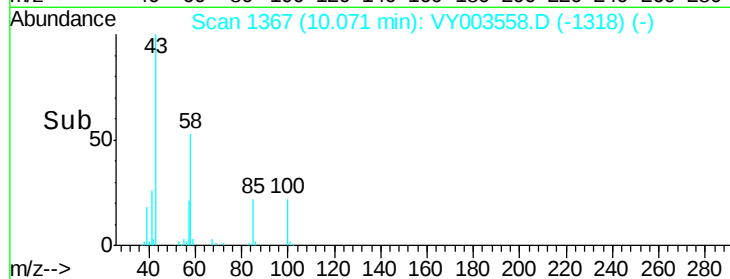
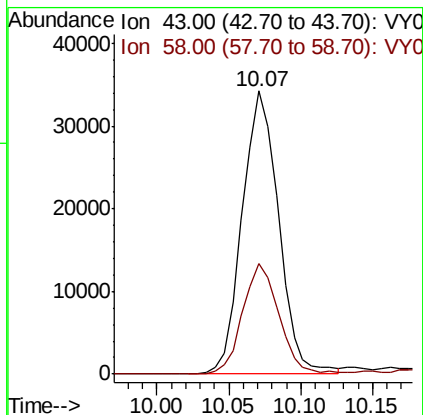
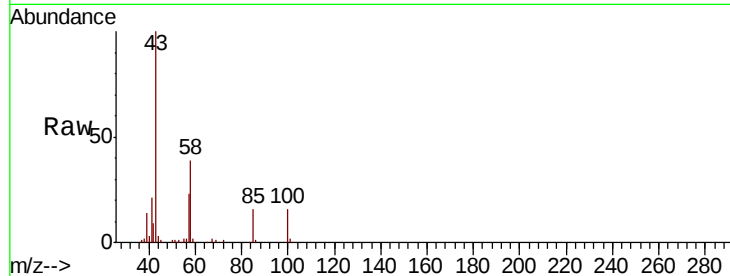




#51
4-Methyl-2-Pentanone
Concen: 50.237 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

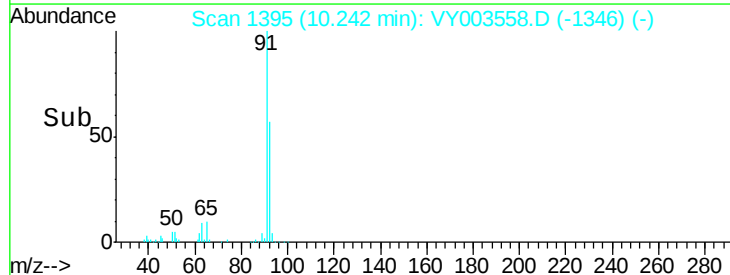
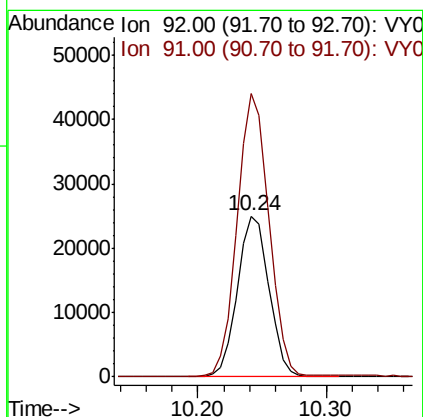
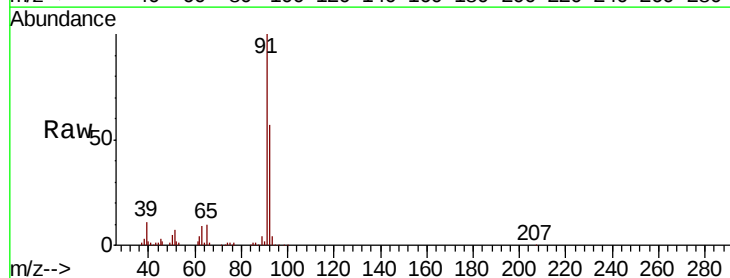
Instrument :
MSVOA_Y
ClientSampleId :

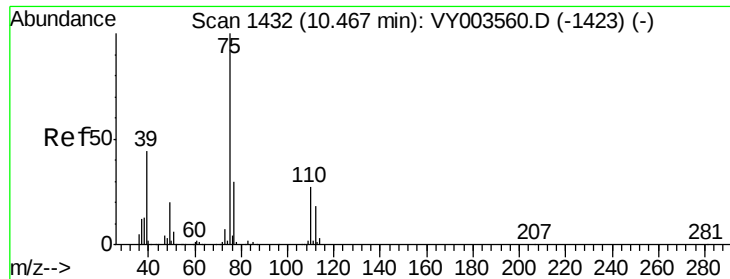
Tot Ion: 43 Resp: 60141
Ion Ratio Lower Upper
43 100
58 38.8 29.8 44.8



#52
Toluene
Concen: 10.357 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 92 Resp: 42436
Ion Ratio Lower Upper
92 100
91 179.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 10.312 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

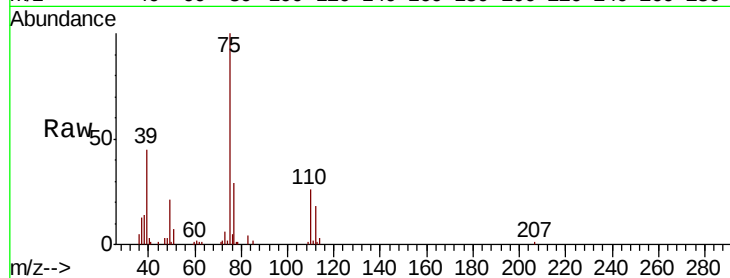
ClientSampleId :

Tot Ion: 75 Resp: 24216

Ion Ratio Lower Upper

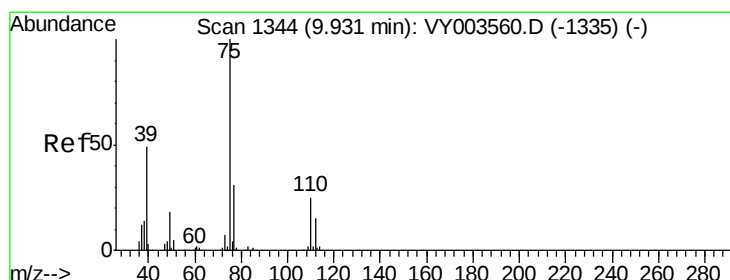
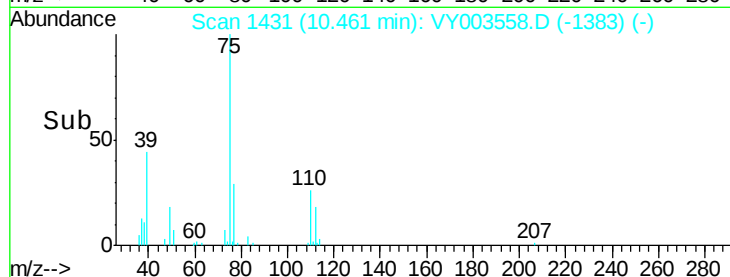
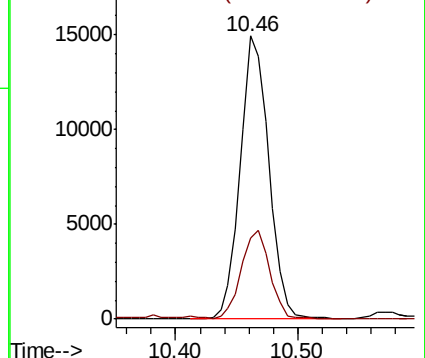
75 100

77 28.7 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 10.202 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

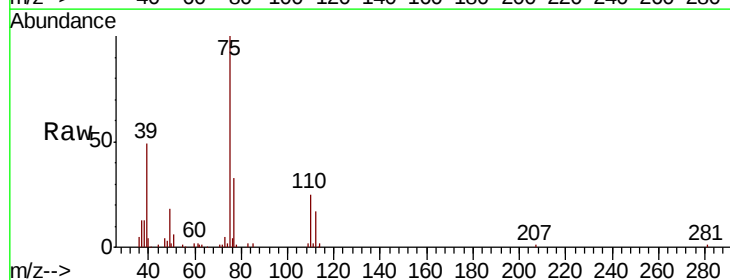
Tgt Ion: 75 Resp: 27270

Ion Ratio Lower Upper

75 100

77 32.9 24.6 36.8

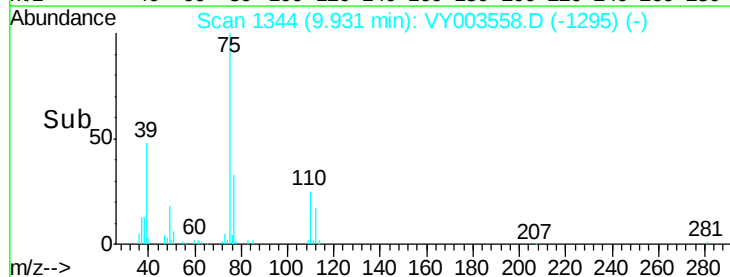
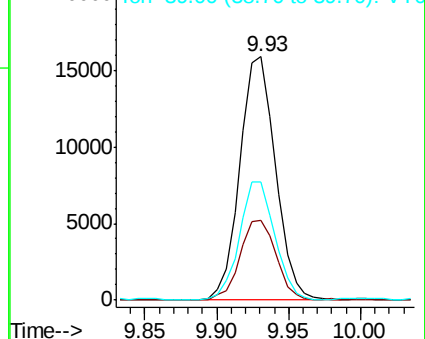
39 48.7 38.9 58.3

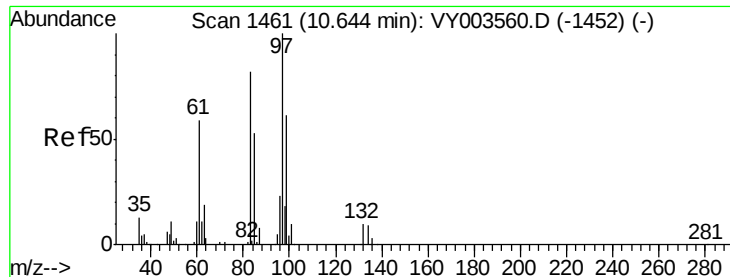


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 10.497 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 14065

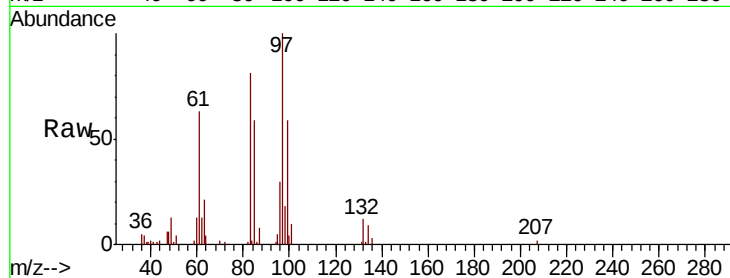
Ion Ratio Lower Upper

97 100

83 81.1 65.2 97.8

85 59.2 42.4 63.6

99 59.0 48.5 72.7

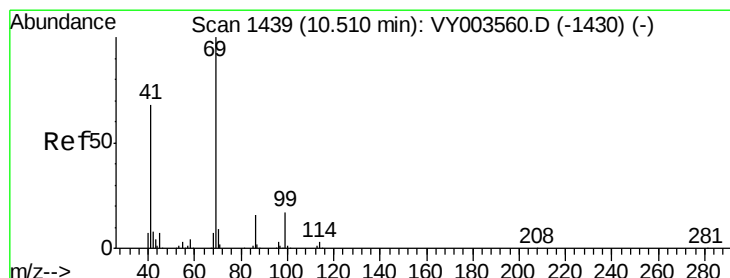
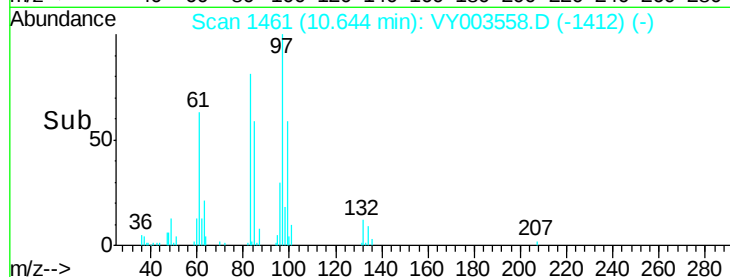
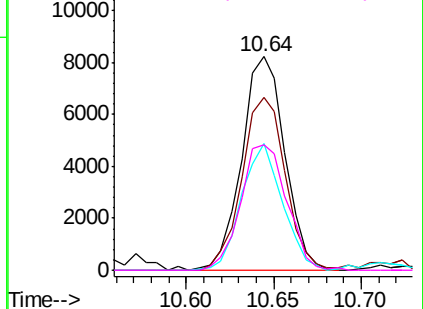


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 9.795 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

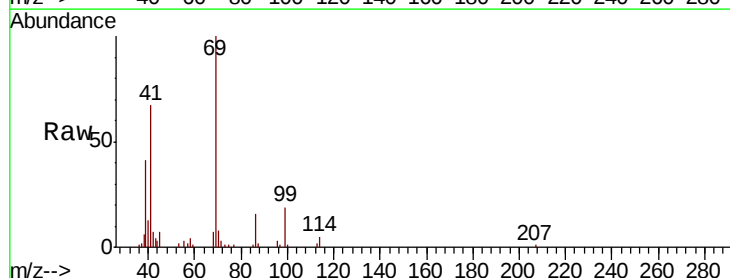
Tgt Ion: 69 Resp: 15949

Ion Ratio Lower Upper

69 100

41 69.4 55.4 83.0

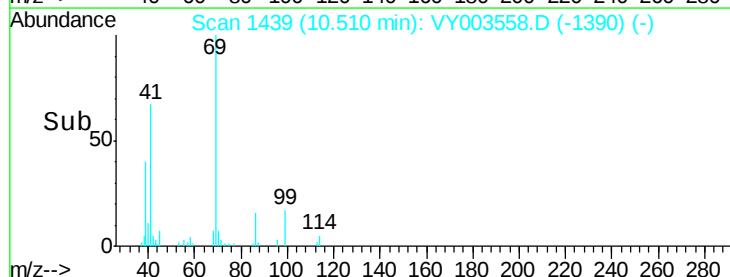
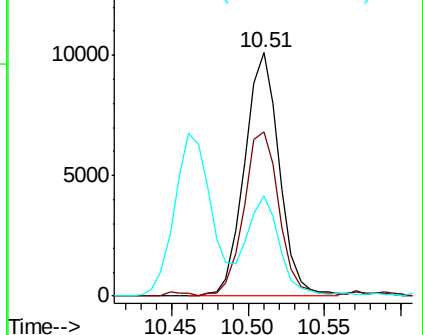
39 35.9 30.2 45.2

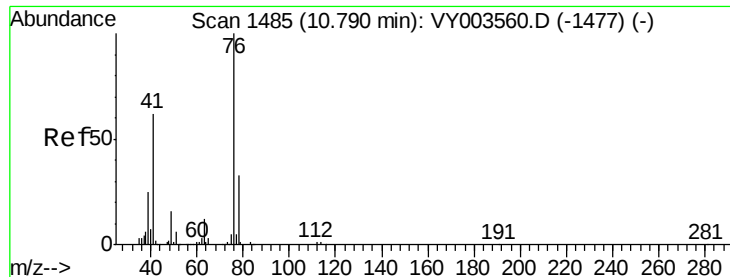


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 10.334 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

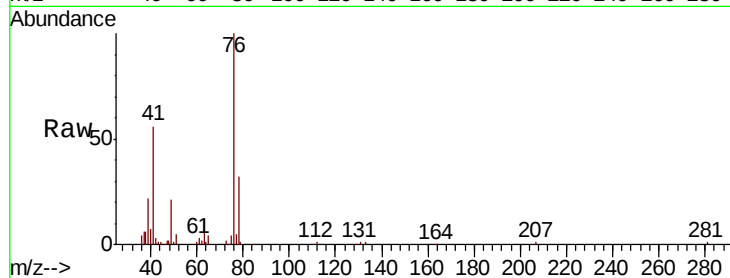
ClientSampleId :

Tot Ion: 76 Resp: 23436

Ion Ratio Lower Upper

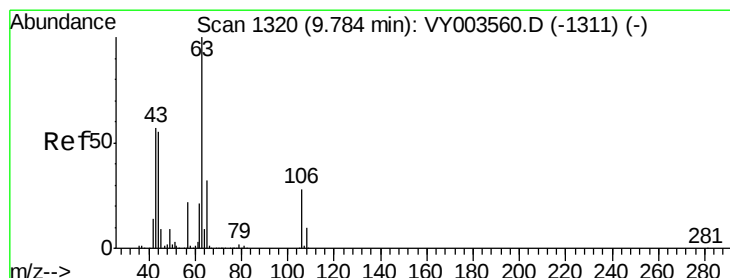
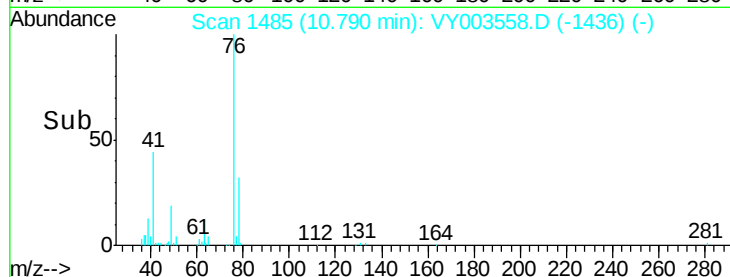
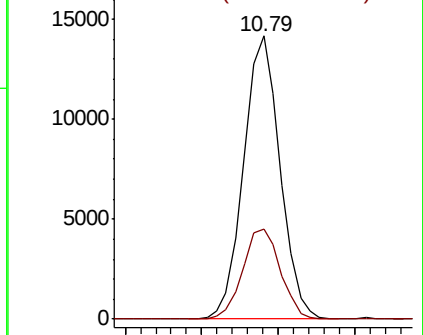
76 100

78 33.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 50.885 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003558.D

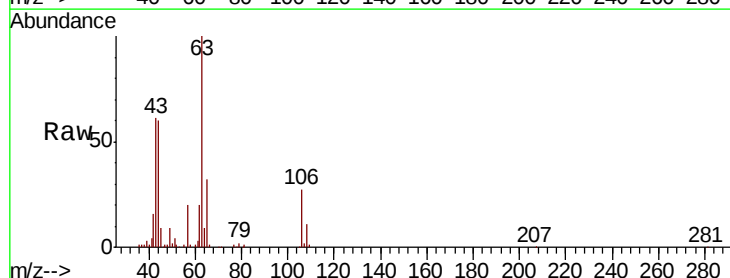
Acq: 20 Nov 2020 10:36

Tgt Ion: 63 Resp: 42520

Ion Ratio Lower Upper

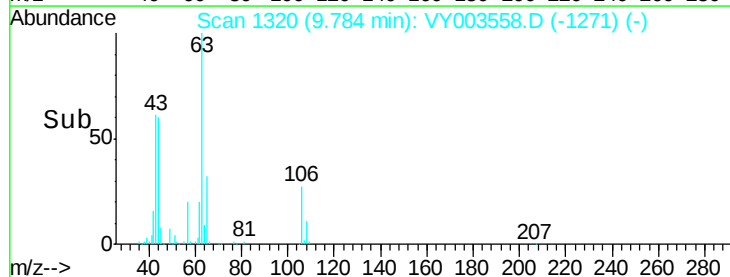
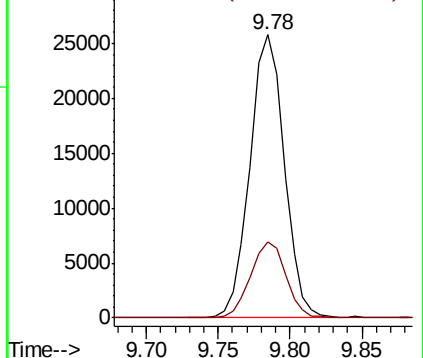
63 100

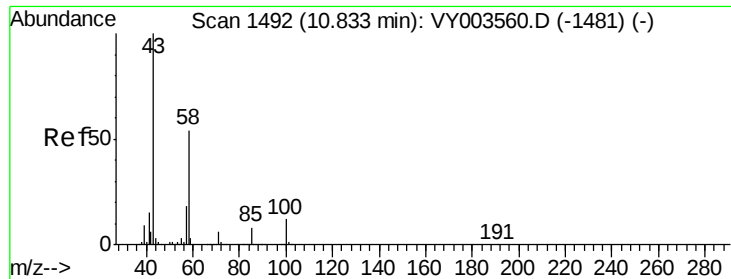
106 27.6 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

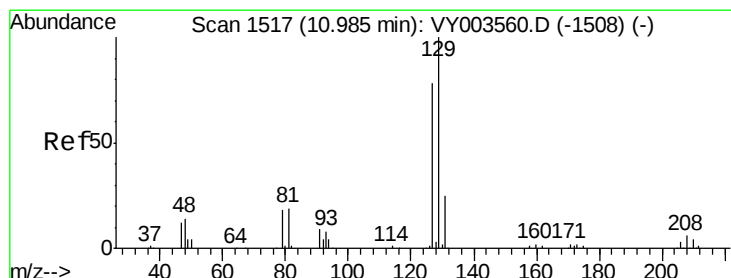
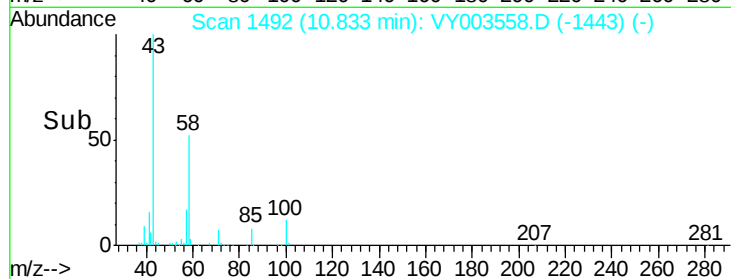
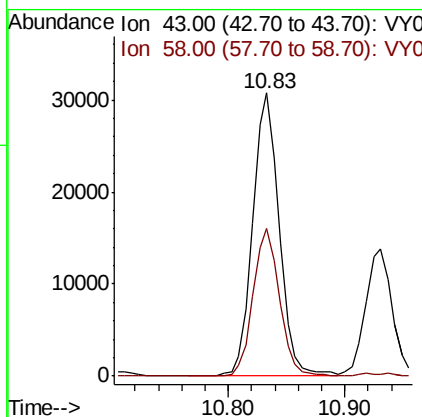
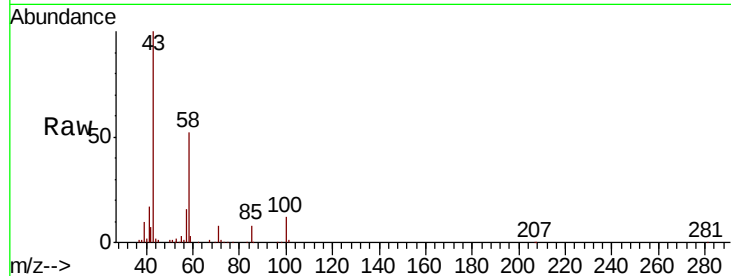




#59
2-Hexanone
Concen: 49.573 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

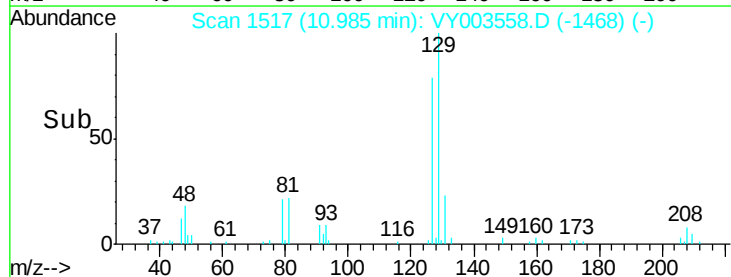
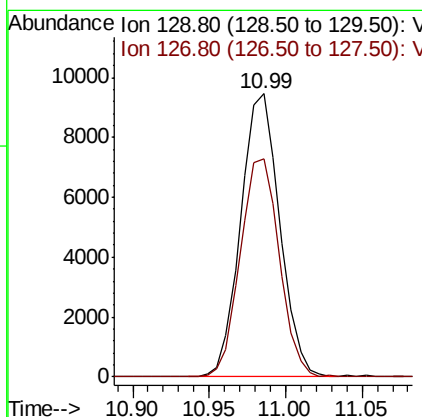
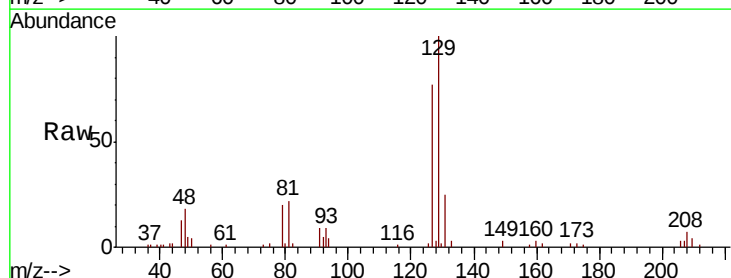
Instrument :
MSVOA_Y
ClientSampleId :

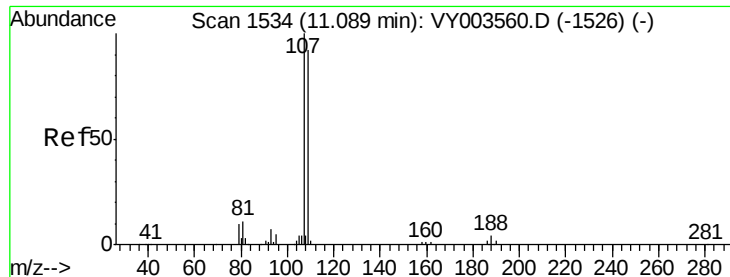
Tot Ion: 43 Resp: 48922
Ion Ratio Lower Upper
43 100
58 52.1 26.7 80.1



#60
Dibromochloromethane
Concen: 10.337 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 129 Resp: 16746
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7

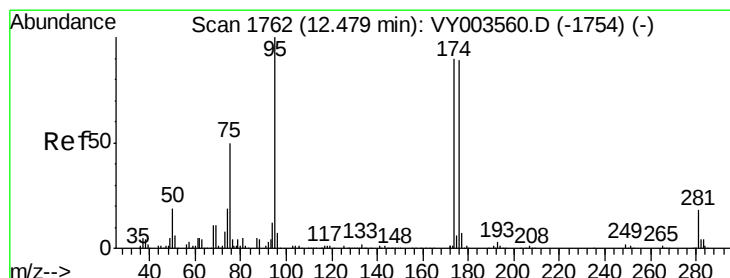
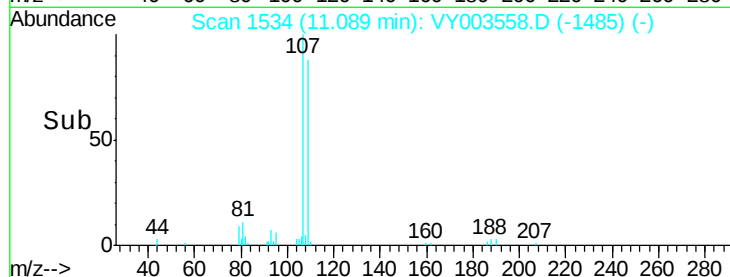
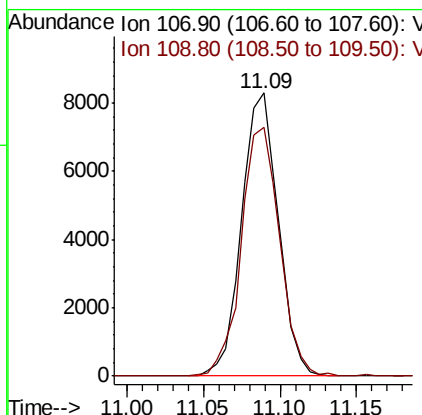
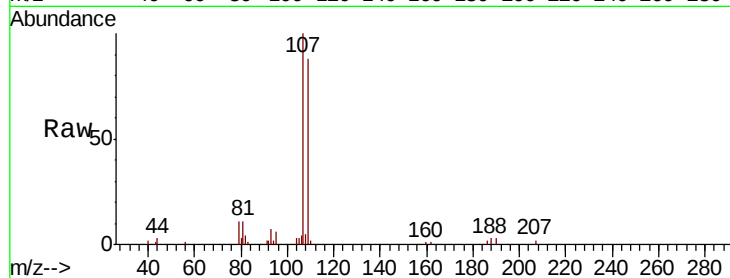




#61
 1,2-Dibromoethane
 Concen: 10.696 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

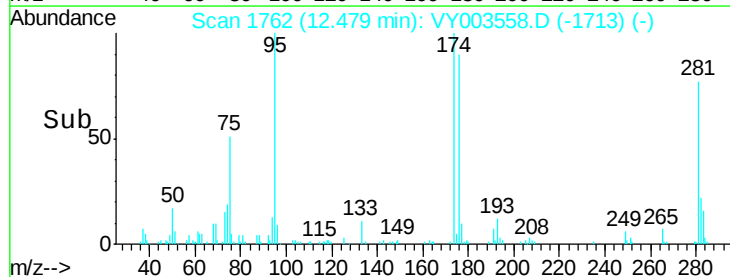
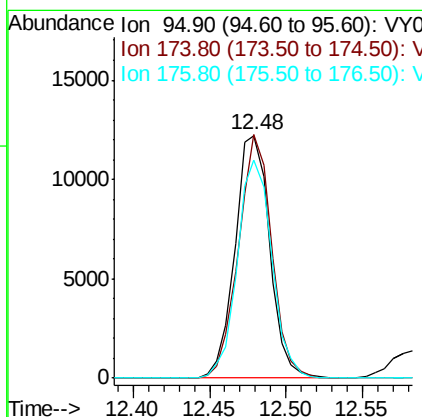
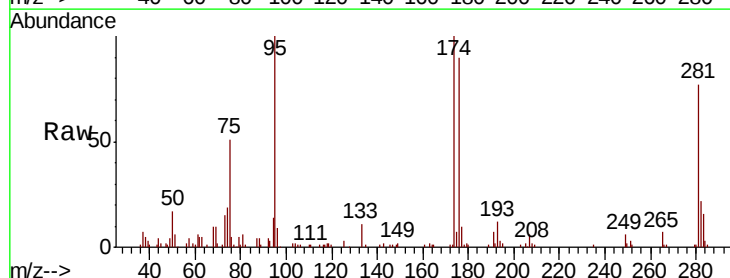
Instrument :
 MSVOA_Y
 ClientSampleId :

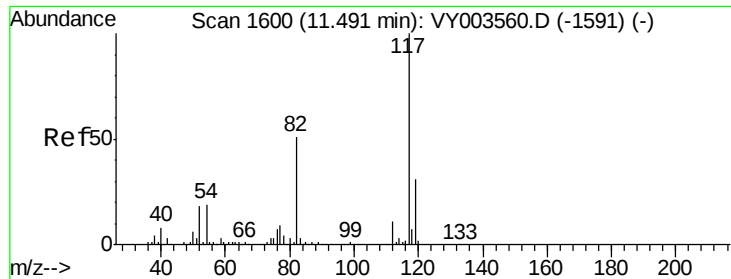
Tot Ion:107 Resp: 13811
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 10.330 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion: 95 Resp: 19213
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 184.0
 176 89.5 0.0 180.4

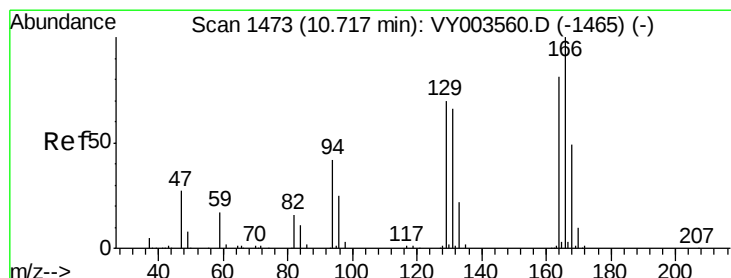
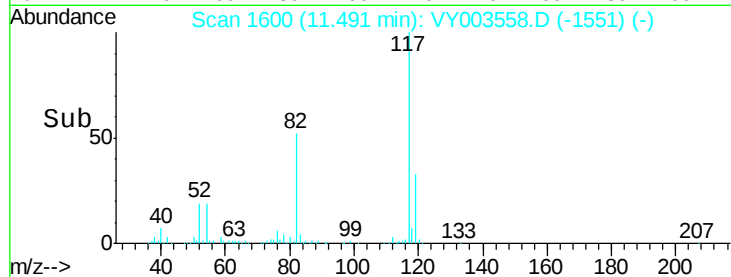
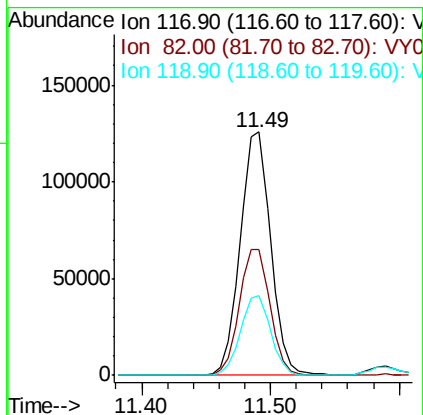
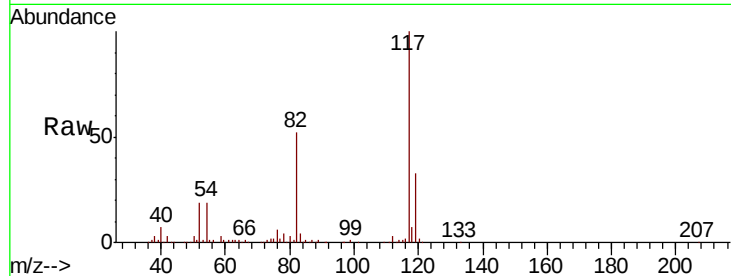




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

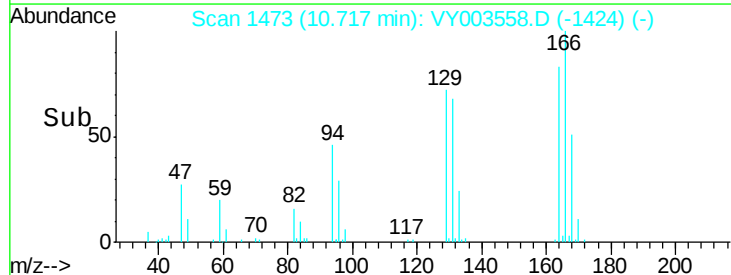
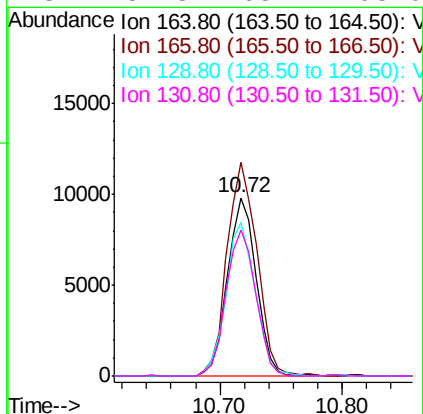
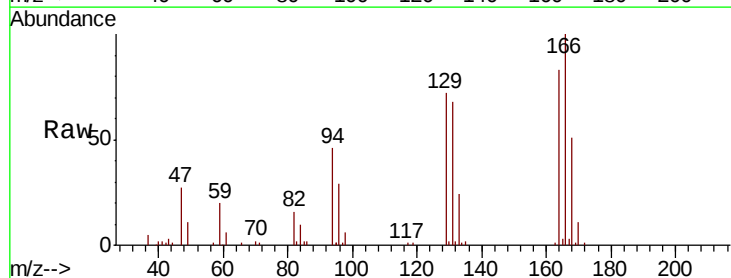
Instrument :
MSVOA_Y
ClientSampleId :

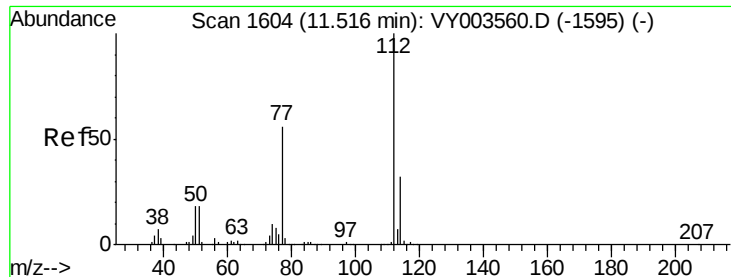
Tot Ion:117 Resp: 205484
Ion Ratio Lower Upper
117 100
82 51.8 41.0 61.6
119 32.7 25.0 37.6



#64
Tetrachloroethene
Concen: 10.399 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion:164 Resp: 15961
Ion Ratio Lower Upper
164 100
166 119.8 99.0 148.4
129 86.1 69.1 103.7
131 81.8 65.4 98.0

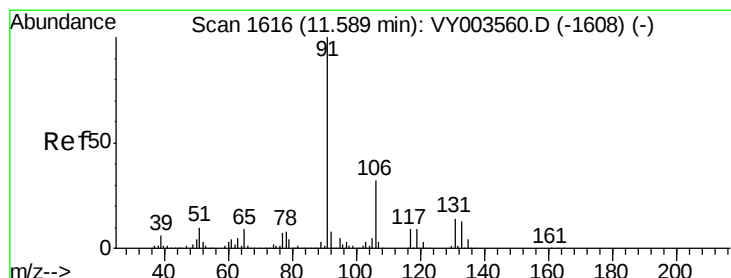
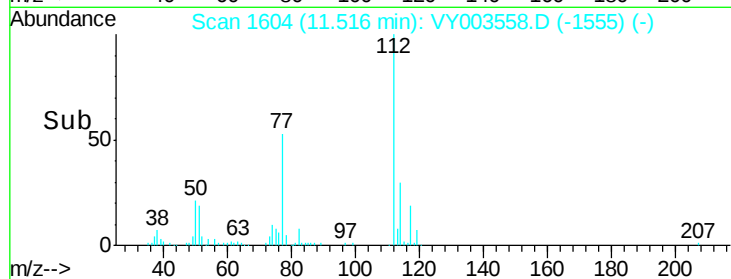
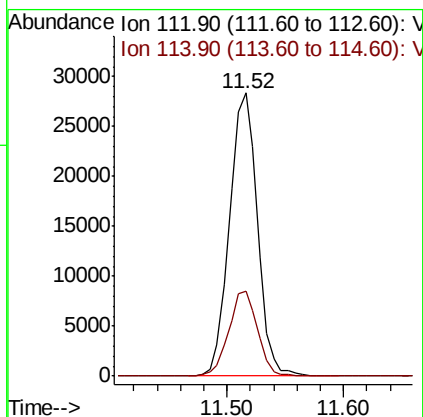
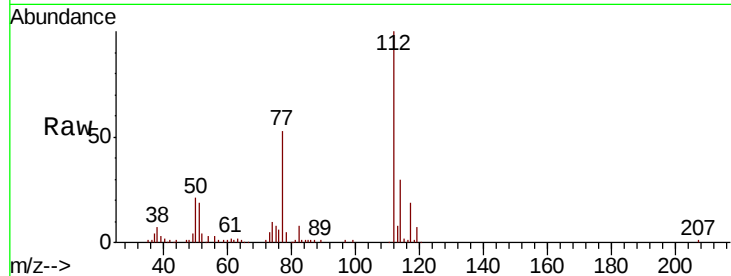




#65
Chlorobenzene
Concen: 10.657 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

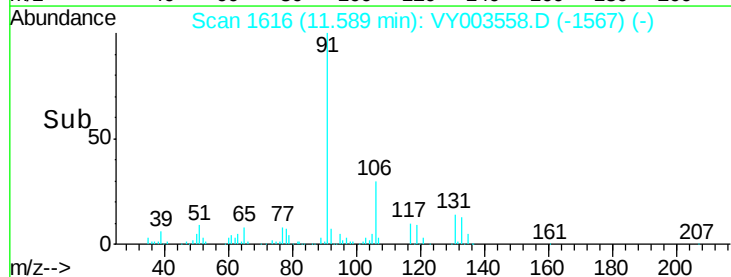
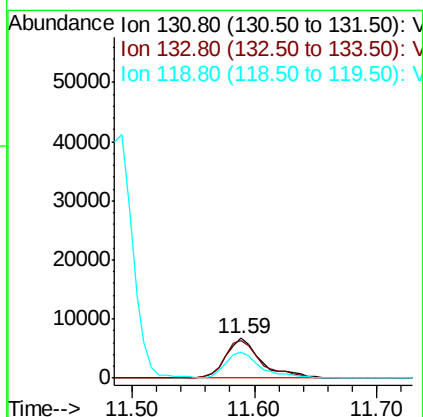
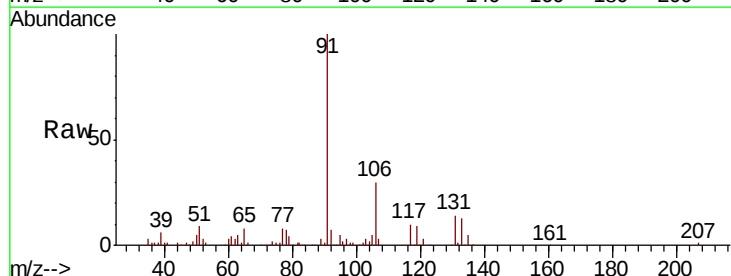
Instrument :
MSVOA_Y
ClientSampleId :

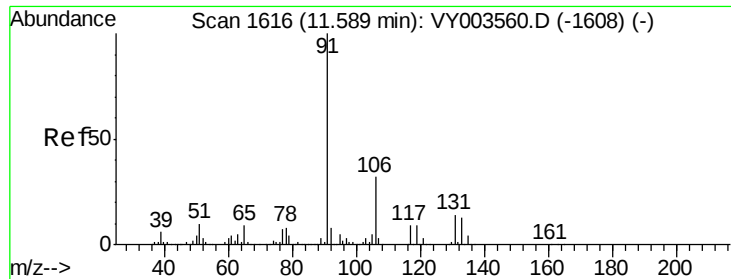
Tot Ion:112 Resp: 47380
Ion Ratio Lower Upper
112 100
114 29.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 10.496 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion:131 Resp: 13390
Ion Ratio Lower Upper
131 100
133 98.3 47.1 141.4
119 65.2 32.6 97.7

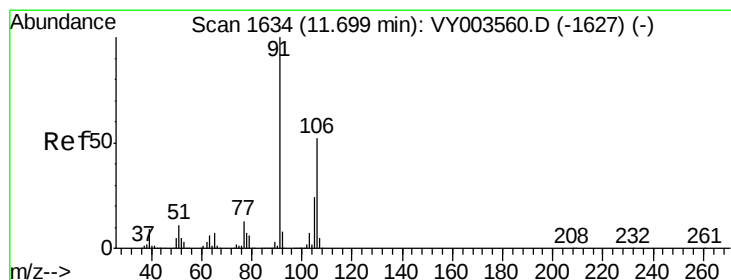
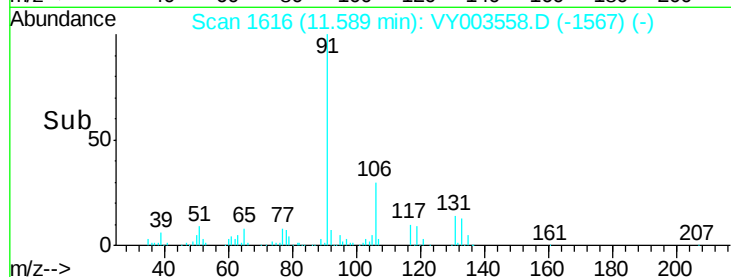
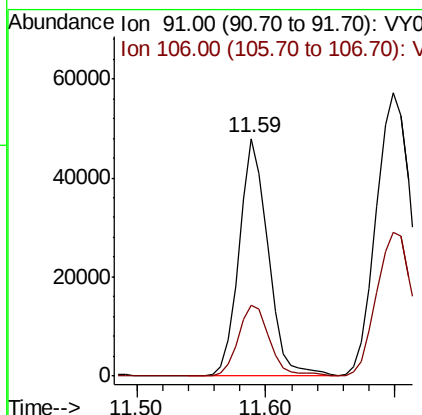
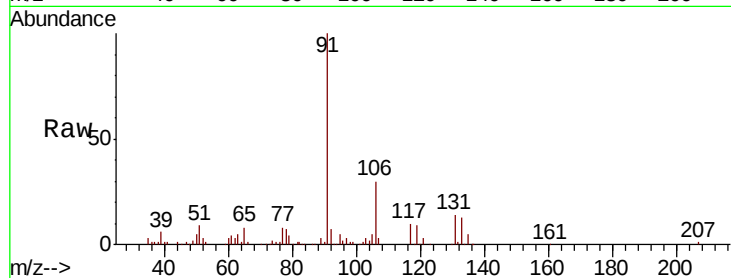




#67
Ethyl Benzene
Concen: 10.260 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

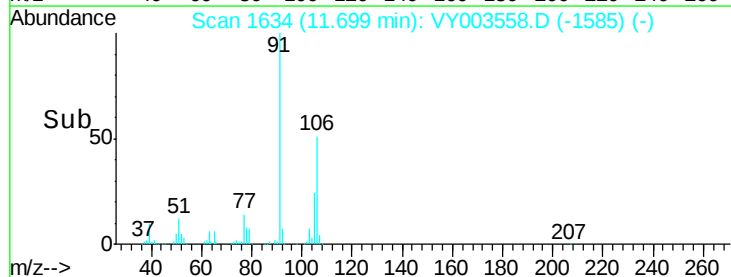
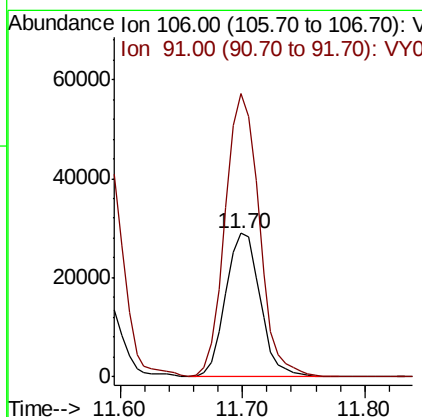
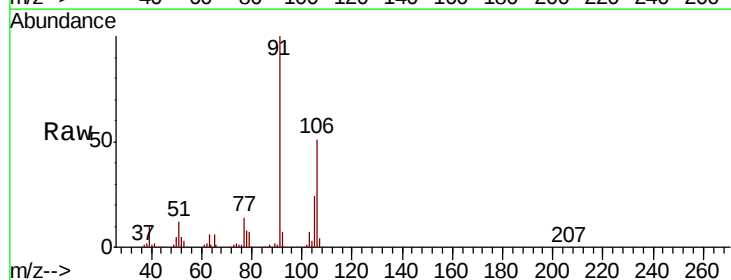
Instrument :
MSVOA_Y
ClientSampleId :

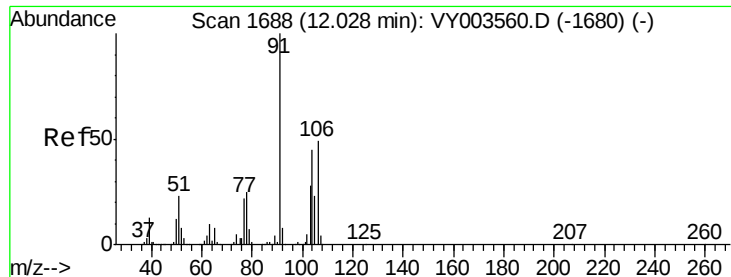
Tot Ion: 91 Resp: 74745
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4



#68
m/p-Xylenes
Concen: 20.476 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 106 Resp: 57119
Ion Ratio Lower Upper
106 100
91 193.5 154.2 231.4

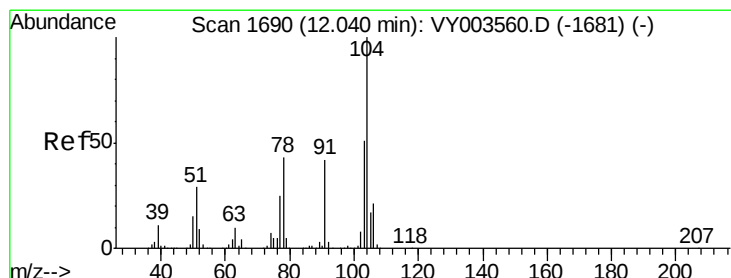
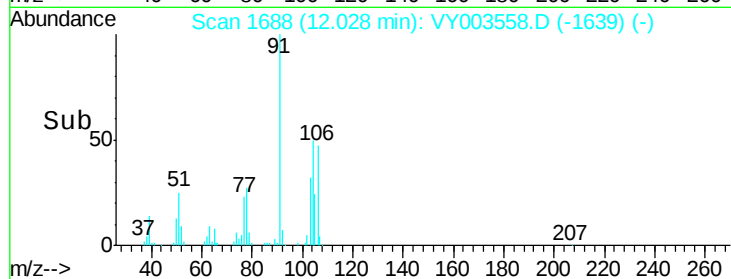
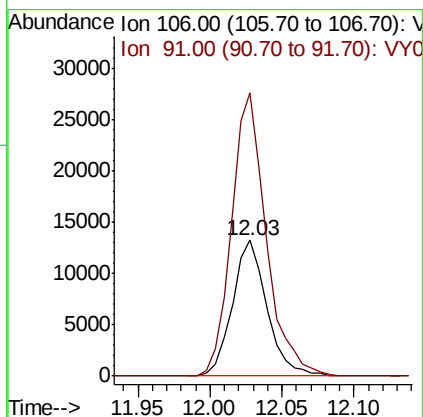
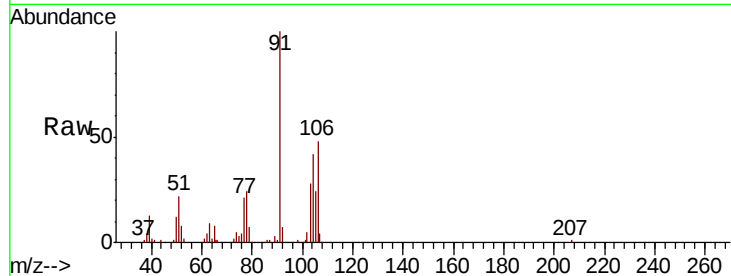




#69
o-Xylene
Concen: 9.947 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

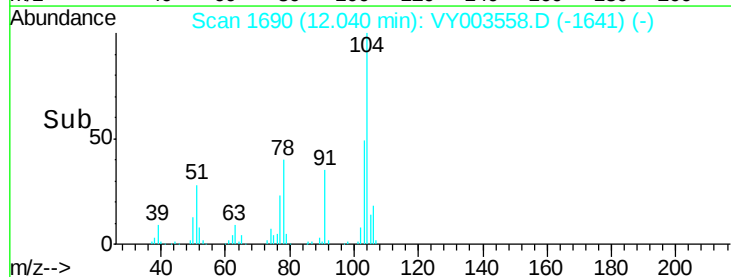
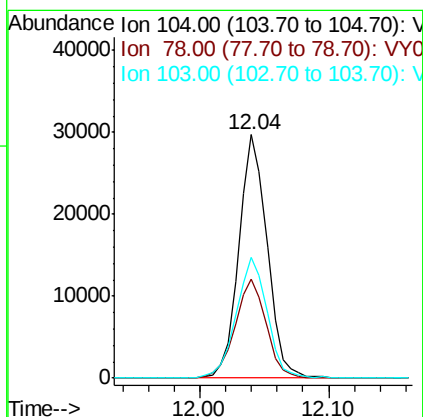
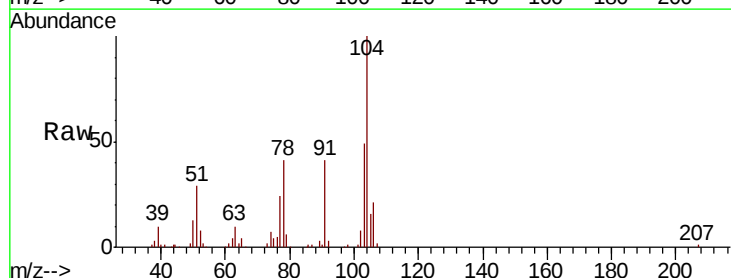
Instrument :
MSVOA_Y
ClientSampled :

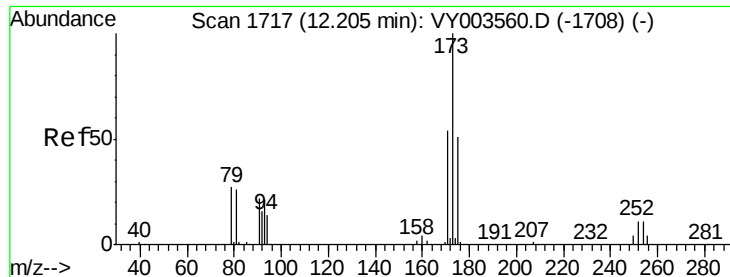
Tot Ion:106 Resp: 22194
Ion Ratio Lower Upper
106 100
91 208.7 103.1 309.1



#70
Styrene
Concen: 10.058 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion:104 Resp: 45235
Ion Ratio Lower Upper
104 100
78 44.6 36.6 54.8
103 54.1 43.6 65.4





#71

Bromoform

Concen: 10.697 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

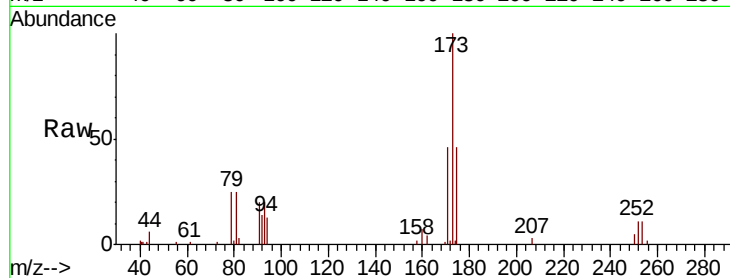
Tot Ion:173 Resp: 11020

Ion Ratio Lower Upper

173 100

175 46.4 24.6 73.6

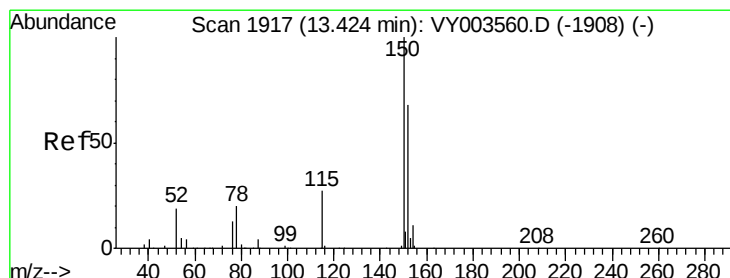
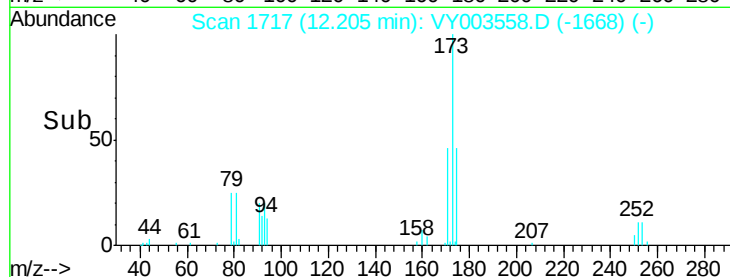
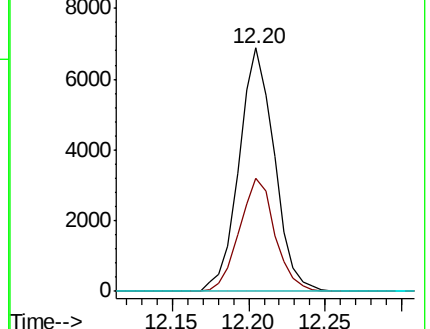
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

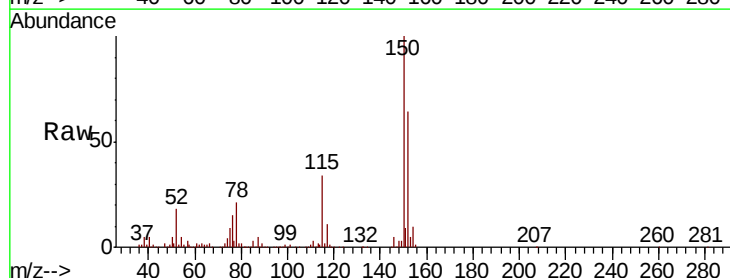
Tgt Ion:152 Resp: 102276

Ion Ratio Lower Upper

152 100

115 53.5 27.4 82.0

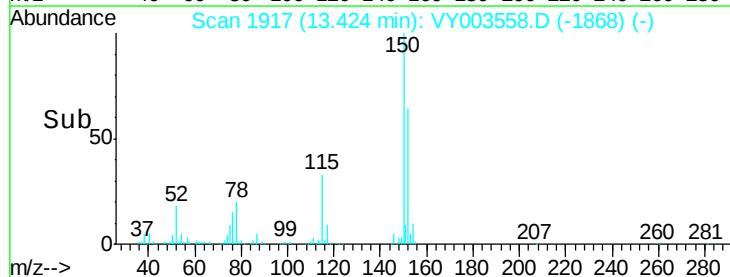
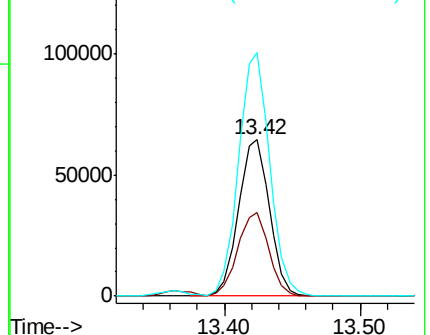
150 157.0 0.0 349.6

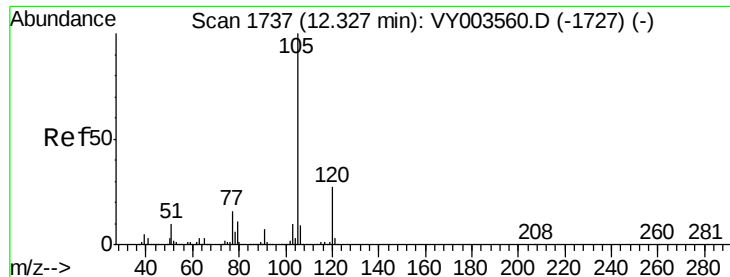


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.892 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

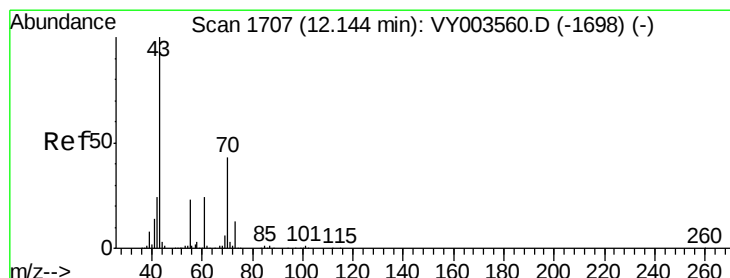
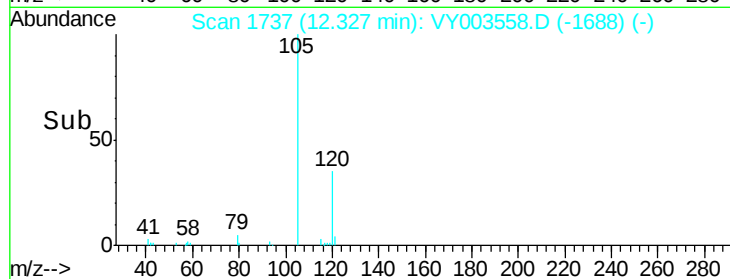
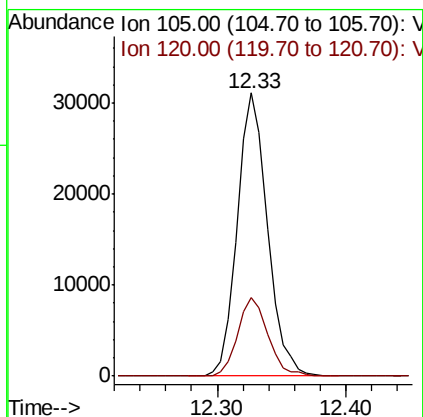
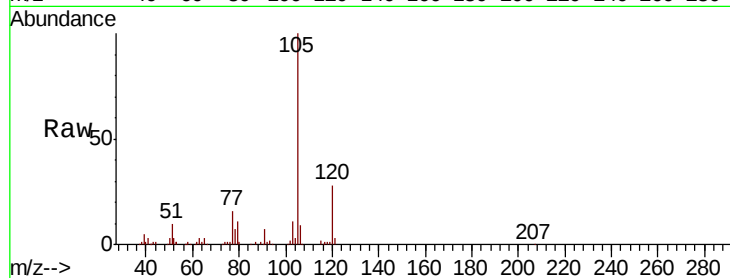
ClientSampleId :

Tot Ion:105 Resp: 50396

Ion Ratio Lower Upper

105 100

120 27.8 13.8 41.4



#74

N-ethyl acetate

Concen: 9.575 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Tgt Ion: 43 Resp: 19318

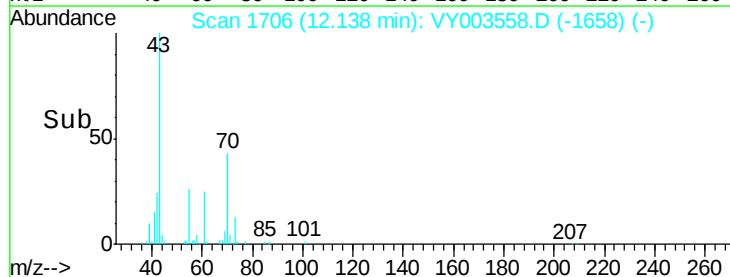
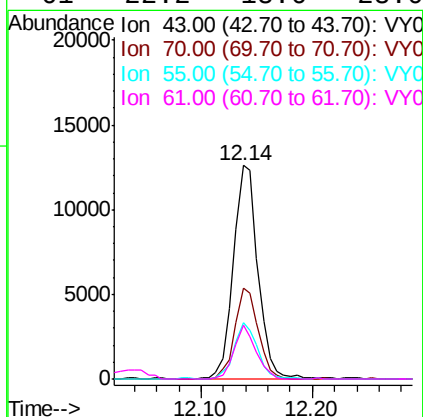
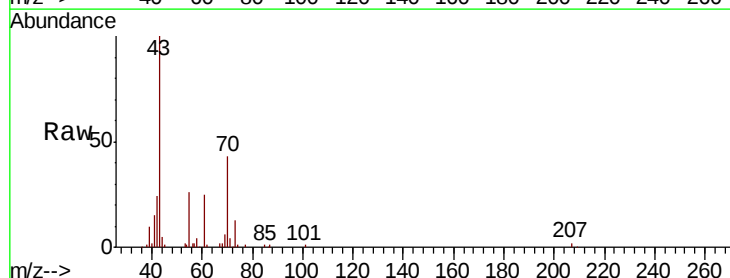
Ion Ratio Lower Upper

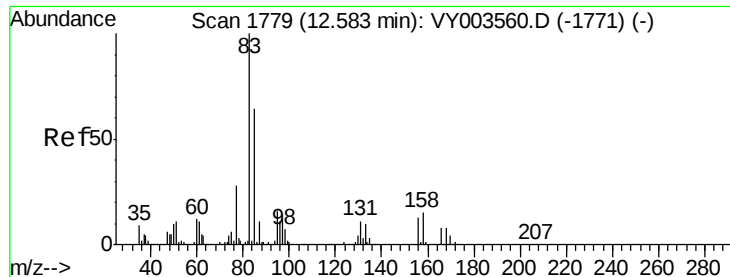
43 100

70 40.5 32.2 48.4

55 25.1 18.6 28.0

61 22.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.235 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

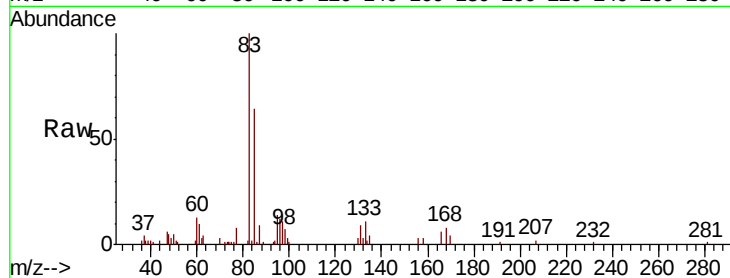
Tot Ion: 83 Resp: 14509

Ion Ratio Lower Upper

83 100

131 9.8 5.2 15.6

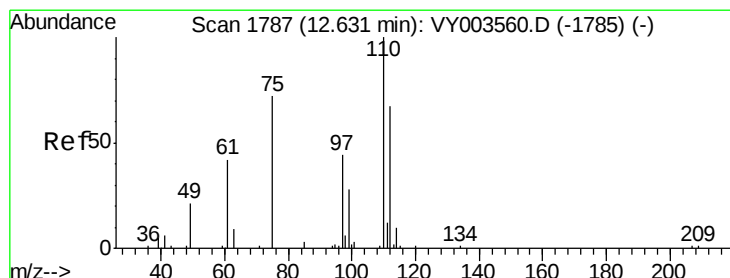
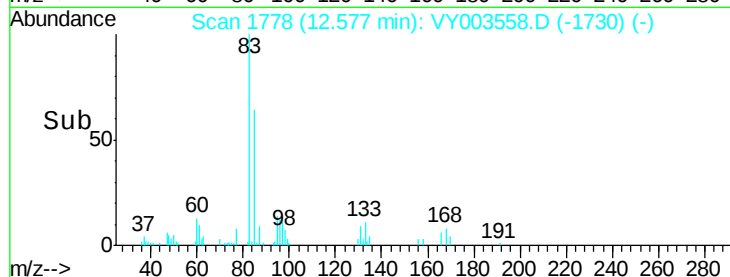
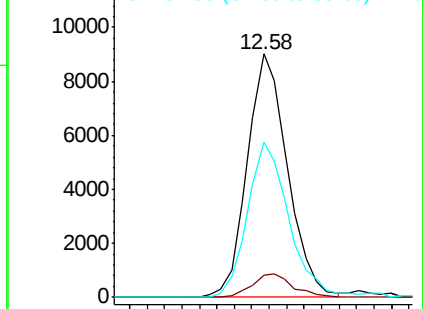
85 66.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VY003558.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003558.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003558.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 19.922 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003558.D

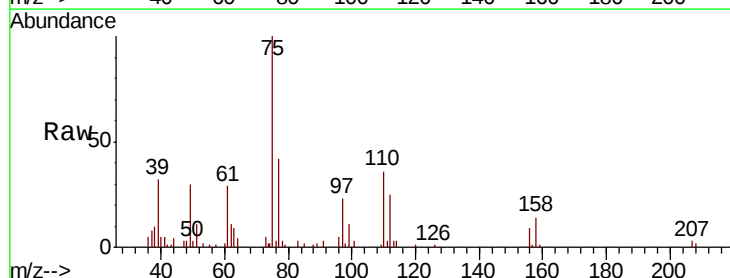
Acq: 20 Nov 2020 10:36

Tgt Ion: 75 Resp: 20774

Ion Ratio Lower Upper

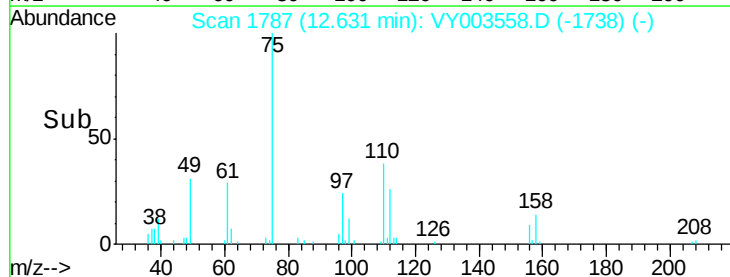
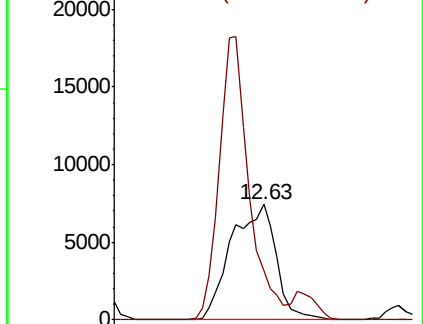
75 100

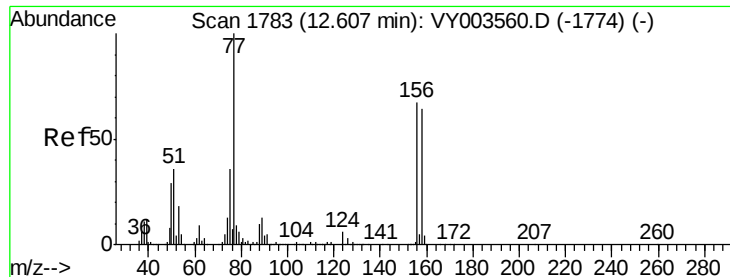
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003558.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003558.D (-1738) (-)





#77

Bromobenzene

Concen: 10.472 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

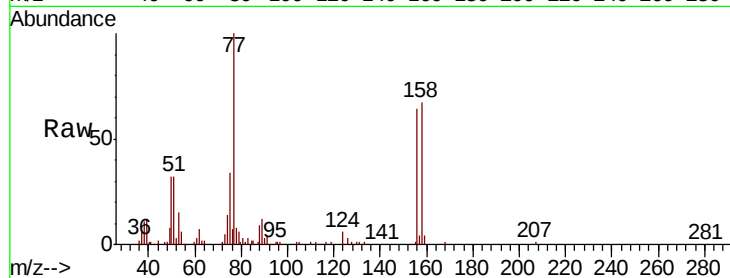
Tot Ion:156 Resp: 19629

Ion Ratio Lower Upper

156 100

77 171.7 85.7 257.1

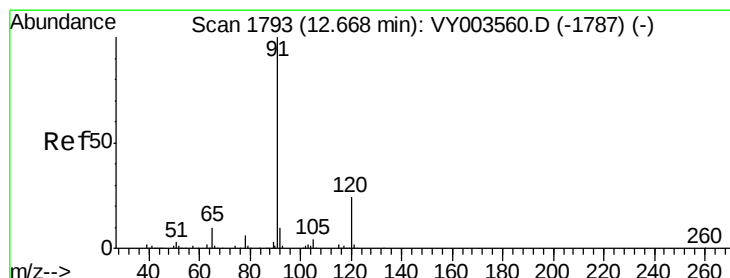
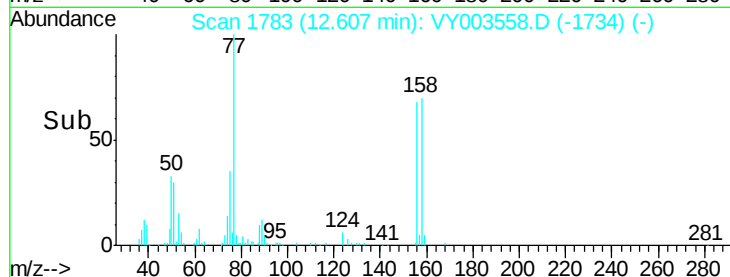
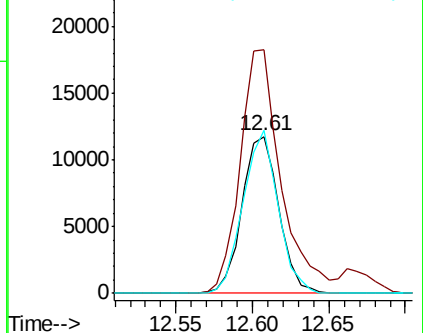
158 98.9 48.8 146.4



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: 9.938 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003558.D

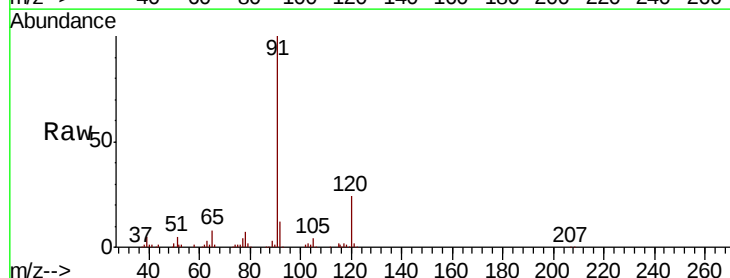
Acq: 20 Nov 2020 10:36

Tgt Ion: 91 Resp: 71126

Ion Ratio Lower Upper

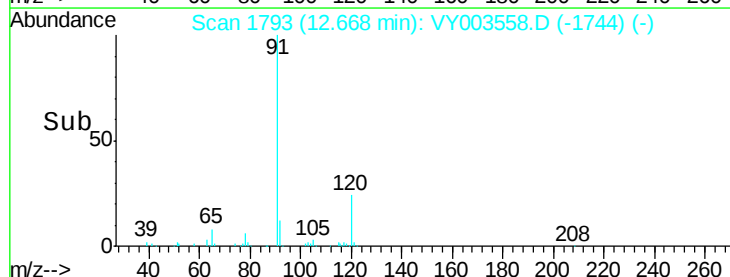
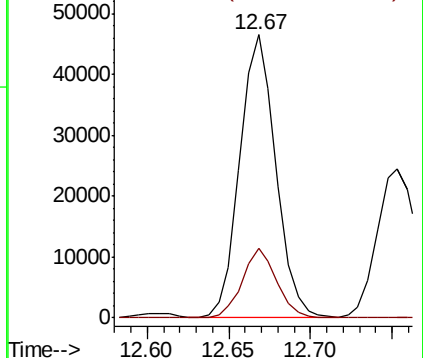
91 100

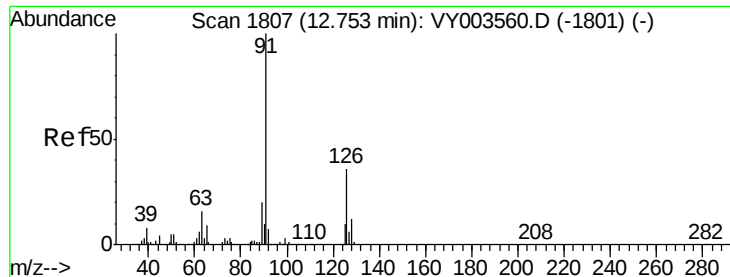
120 23.4 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.142 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

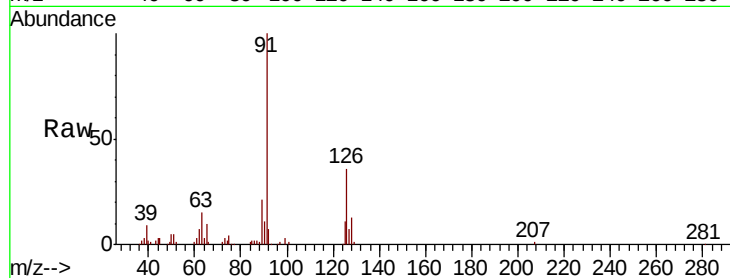
ClientSampleId :

Tot Ion: 91 Resp: 41899

Ion Ratio Lower Upper

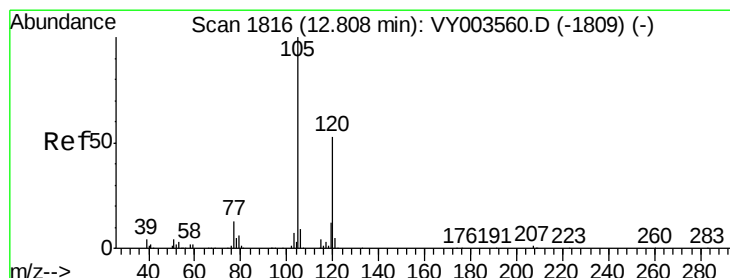
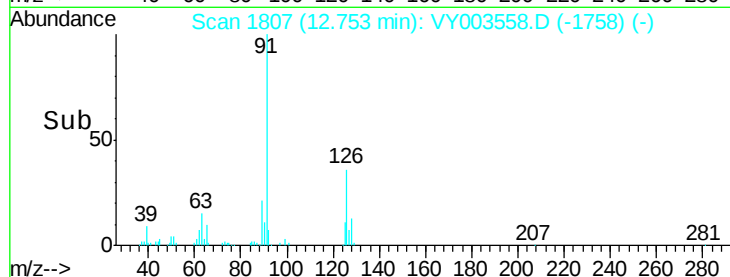
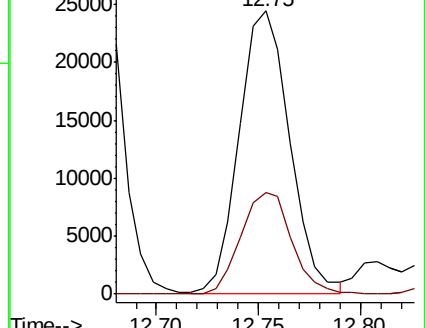
91 100

126 36.5 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VY003560.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY003560.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.192 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003558.D

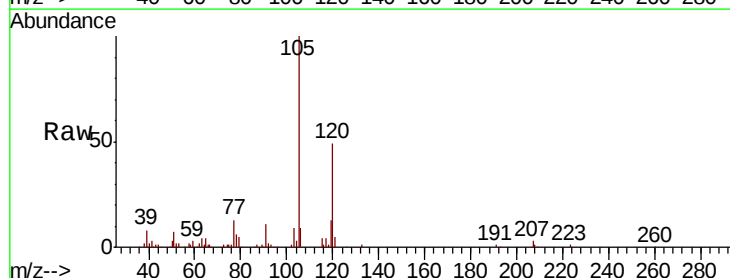
Acq: 20 Nov 2020 10:36

Tgt Ion: 105 Resp: 39026

Ion Ratio Lower Upper

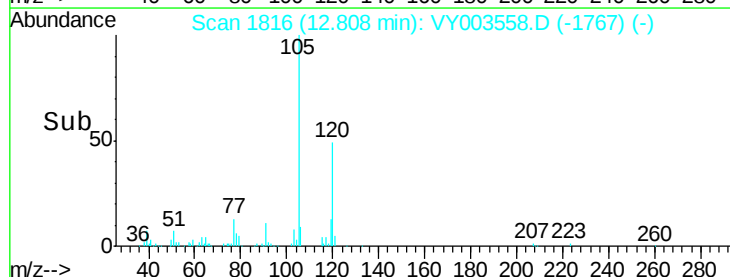
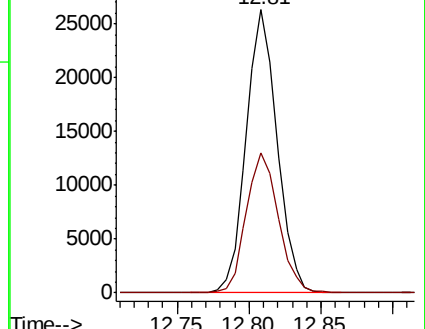
105 100

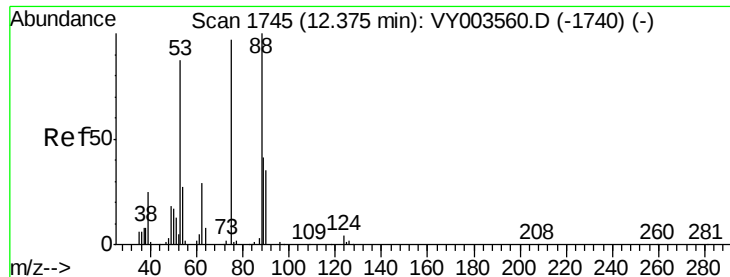
120 51.4 26.3 78.8



Abundance Ion 105.00 (104.70 to 105.70): VY003560.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY003560.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 10.003 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

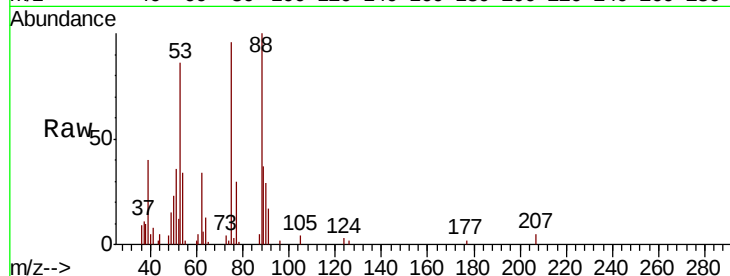
Tot Ion: 75 Resp: 6239

Ion Ratio Lower Upper

75 100

53 92.6 71.4 107.2

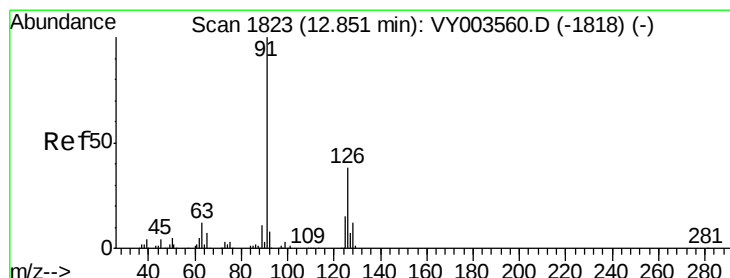
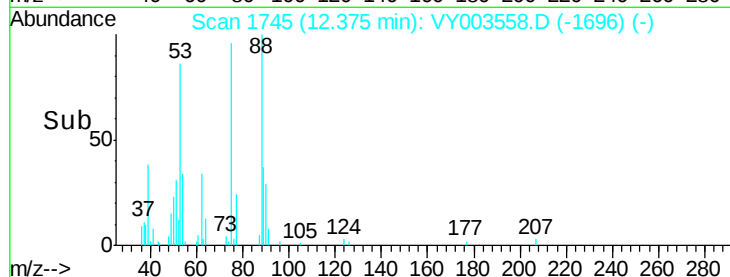
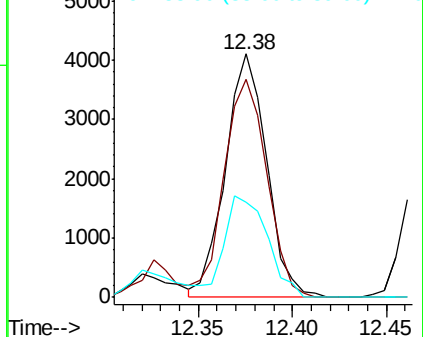
89 43.1 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 10.055 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003558.D

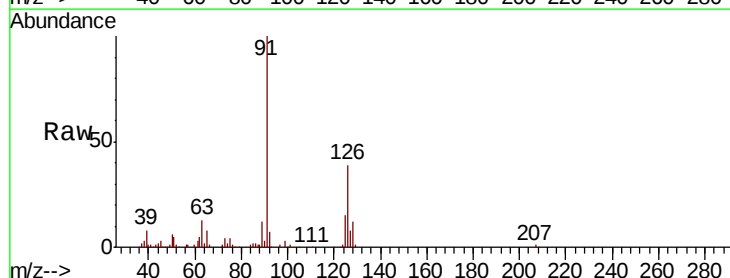
Acq: 20 Nov 2020 10:36

Tgt Ion: 91 Resp: 50893

Ion Ratio Lower Upper

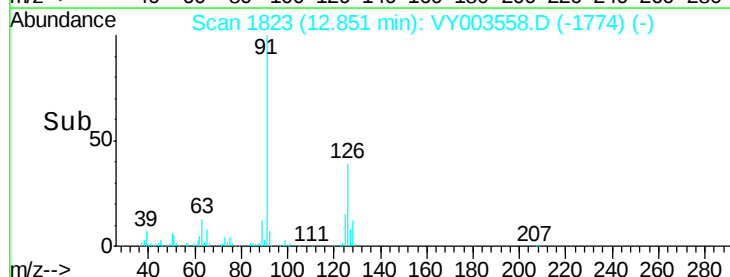
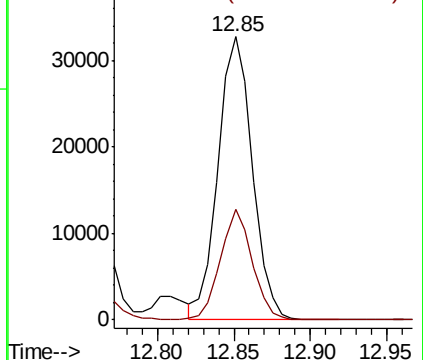
91 100

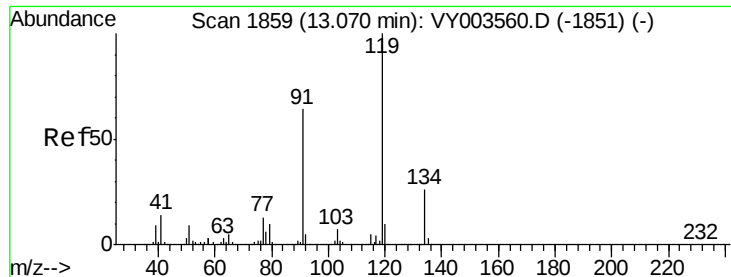
126 36.3 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

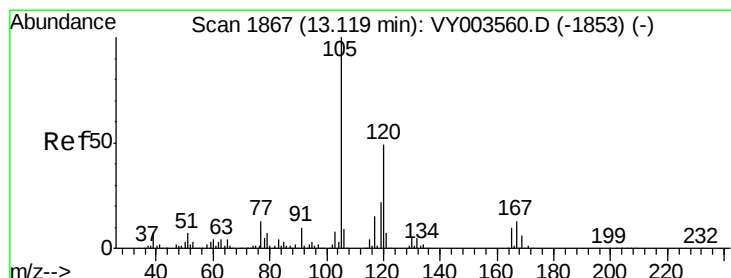
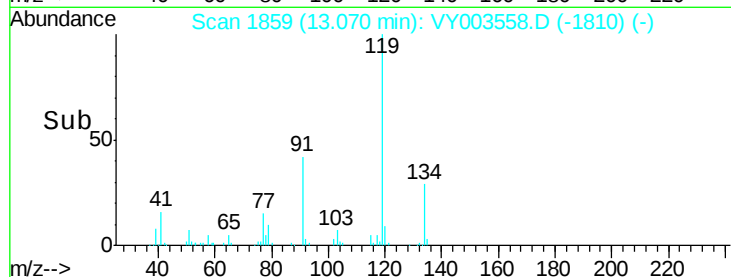
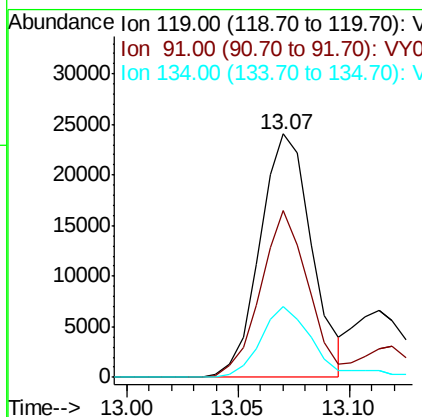
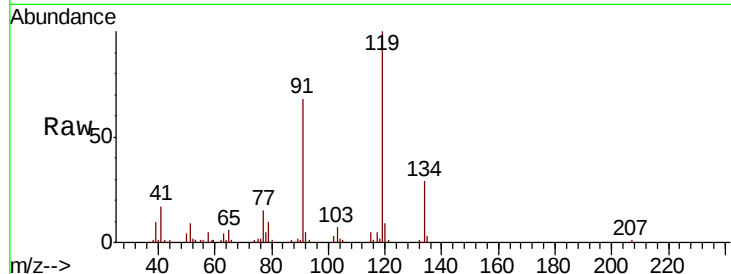




#83
tert-Butylbenzene
Concen: 10.050 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

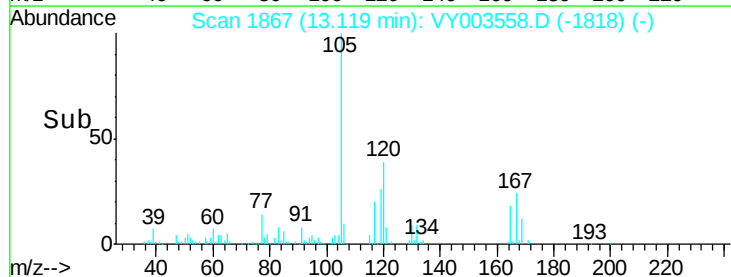
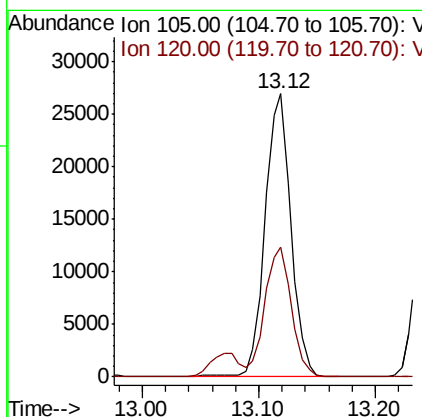
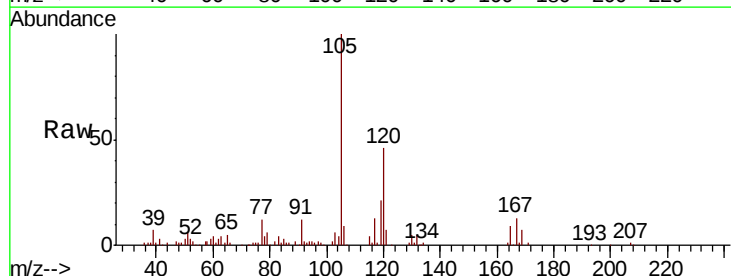
Instrument :
MSVOA_Y
ClientSampleId :

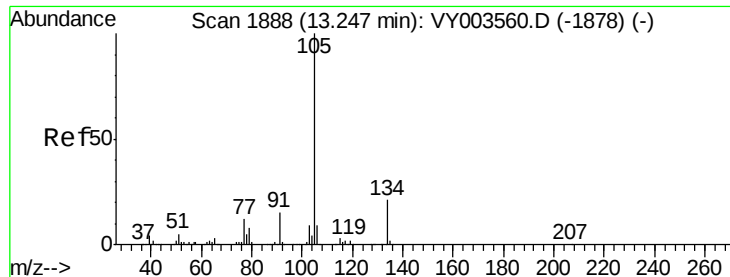
Tot Ion:119 Resp: 38954
Ion Ratio Lower Upper
119 100
91 63.9 31.8 95.3
134 29.9 14.1 42.2



#84
1,2,4-Trimethylbenzene
Concen: 10.208 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion:105 Resp: 41618
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.4





#85

sec-Butylbenzene

Concen: 10.363 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

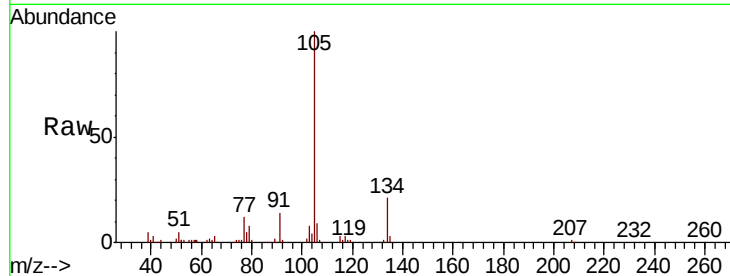
ClientSampleId :

Tot Ion:105 Resp: 45465

Ion Ratio Lower Upper

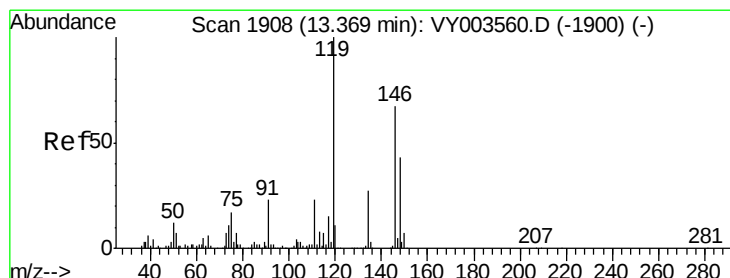
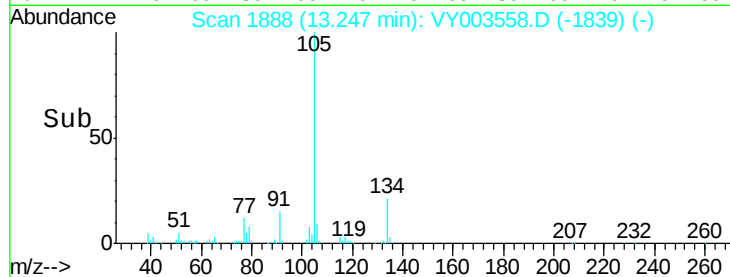
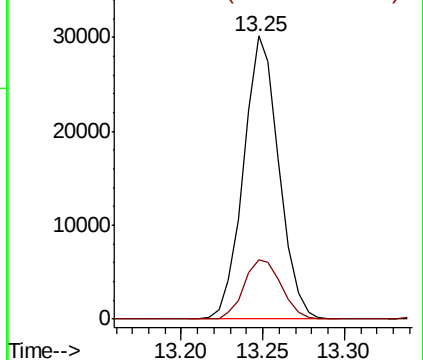
105 100

134 21.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.229 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

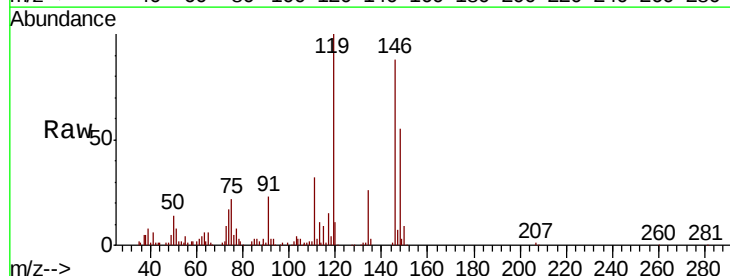
Tgt Ion:119 Resp: 40264

Ion Ratio Lower Upper

119 100

134 29.1 13.8 41.4

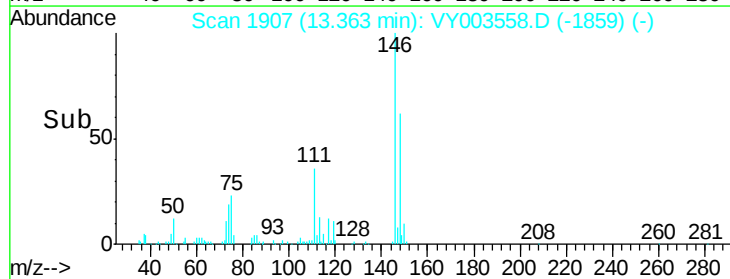
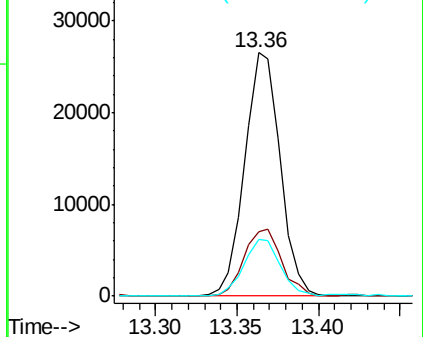
91 24.0 11.4 34.2

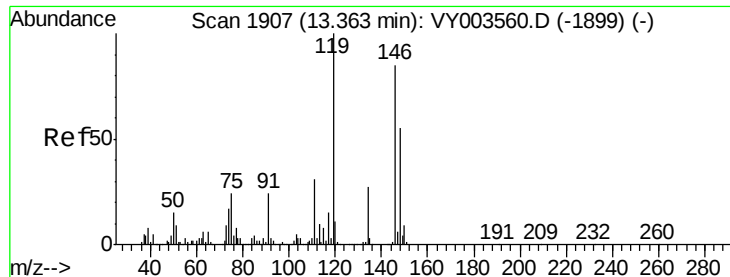


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 10.308 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

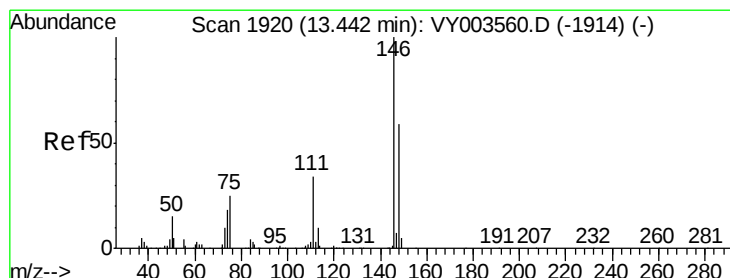
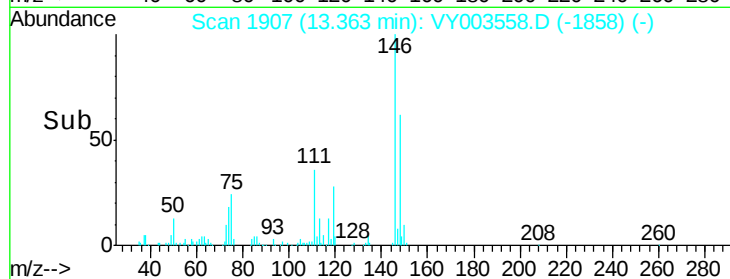
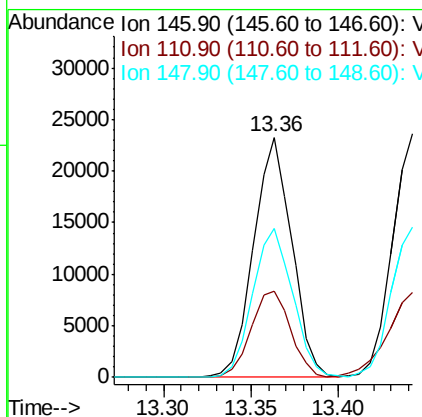
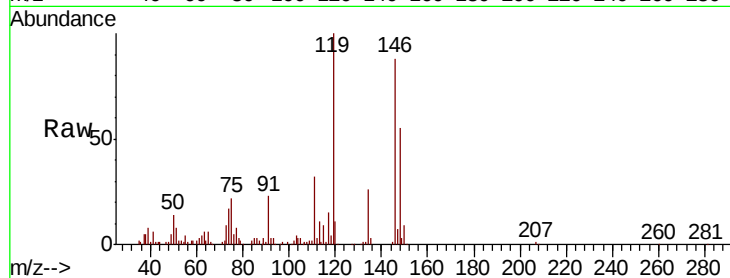
Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:146 Resp: 35169

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.3	54.9
148	65.1	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 10.273 ug/l

RT: 13.44 min Scan# 1920

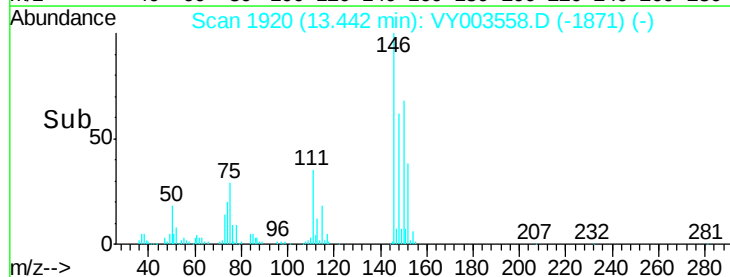
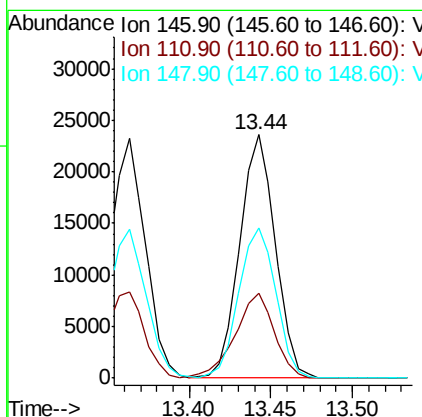
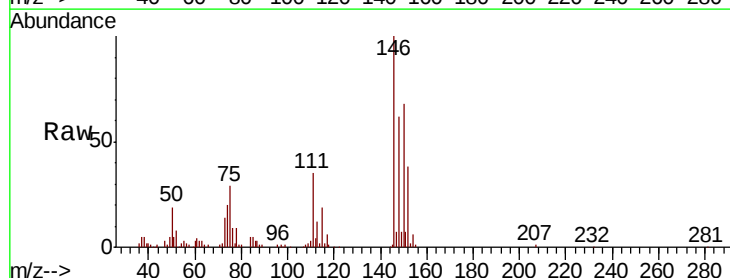
Delta R.T. 0.00 min

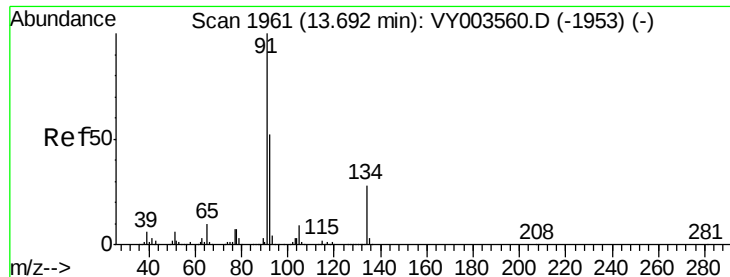
Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Tgt Ion:146 Resp: 35919

Ion	Ratio	Lower	Upper
146	100		
111	38.4	17.8	53.4
148	64.4	31.1	93.2

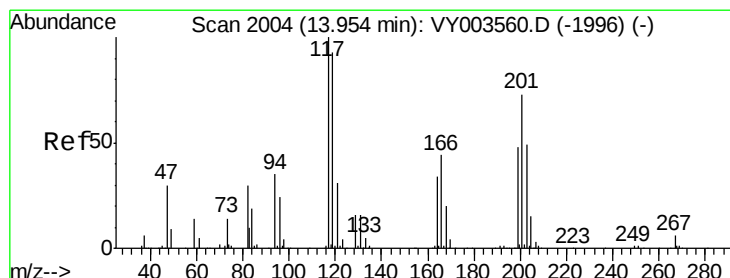
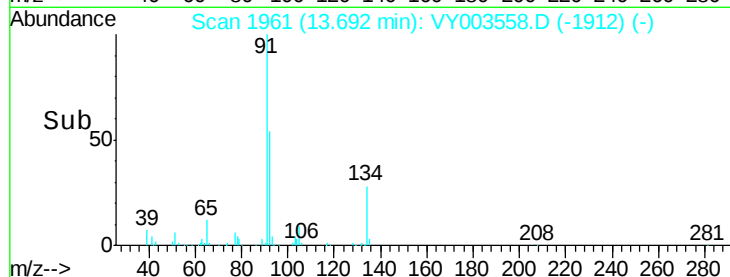
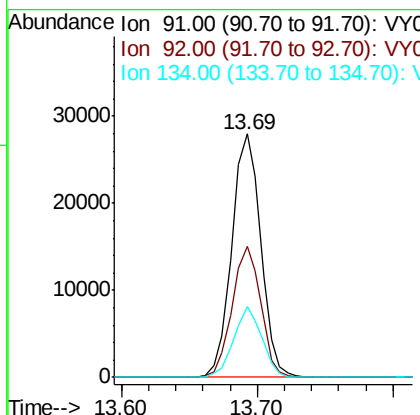
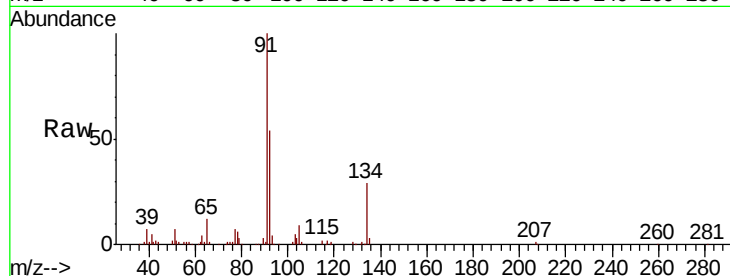




#89
n-Butylbenzene
Concen: 9.837 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

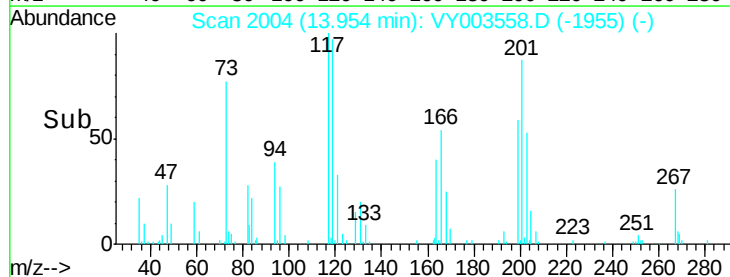
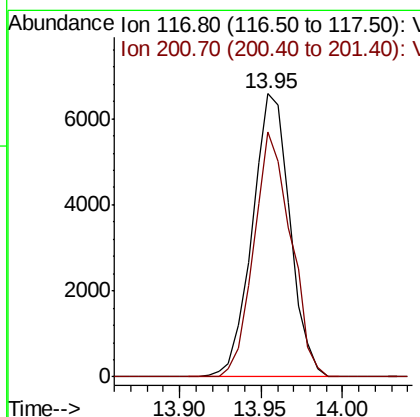
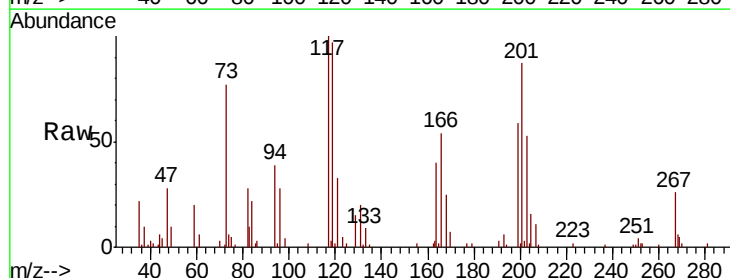
Instrument :
MSVOA_Y
ClientSampleId :

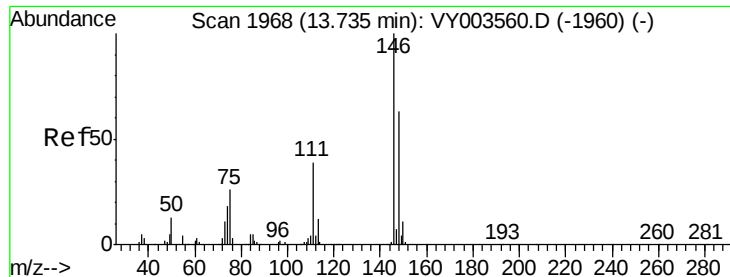
Tot Ion: 91 Resp: 41433
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 28.1 13.9 41.7



#90
Hexachloroethane
Concen: 10.171 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 117 Resp: 10587
Ion Ratio Lower Upper
117 100
201 85.0 41.3 123.9

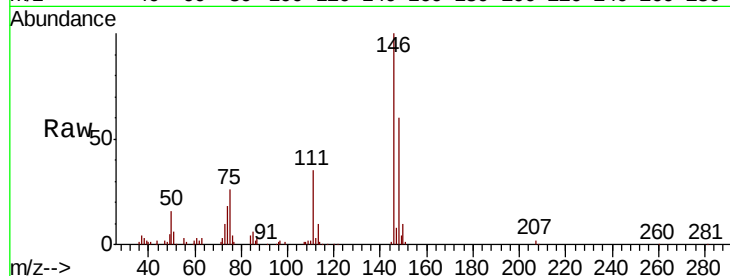




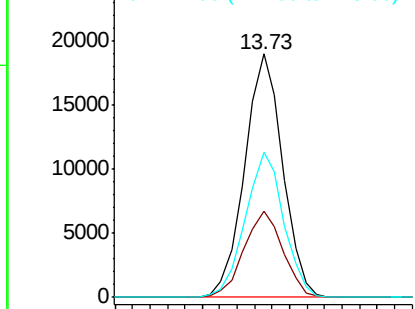
#91
 1,2-Dichlorobenzene
 Concen: 10.512 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :

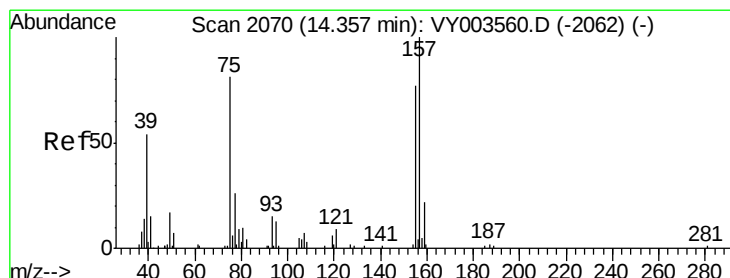
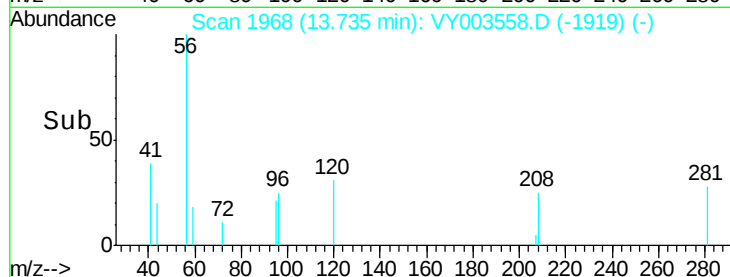
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.9	56.5
148	60.3	31.9	95.7



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

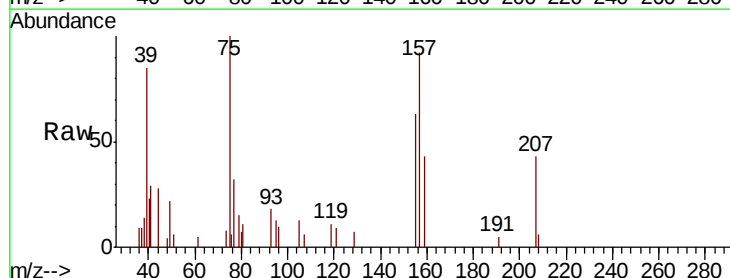


Time--> 13.65 13.70 13.75 13.80

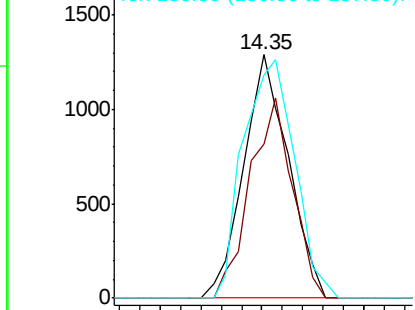


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.664 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

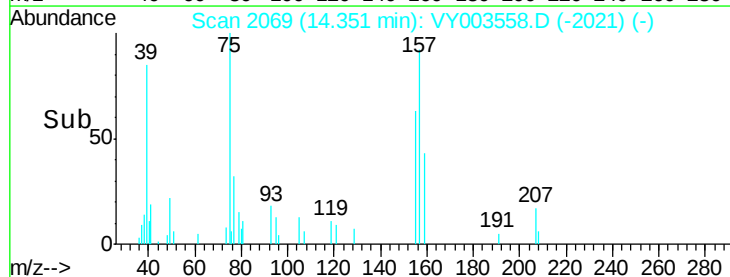
Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	45.4	136.2
157	112.2	59.7	179.1

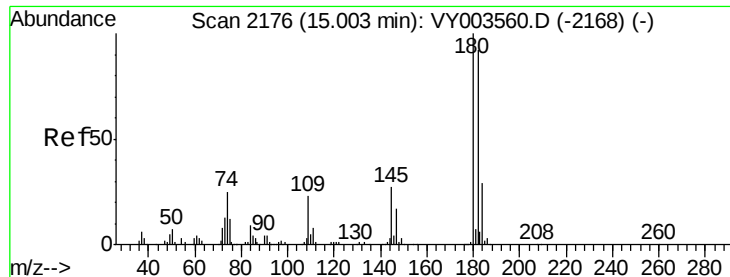


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



Time--> 14.30 14.35 14.40

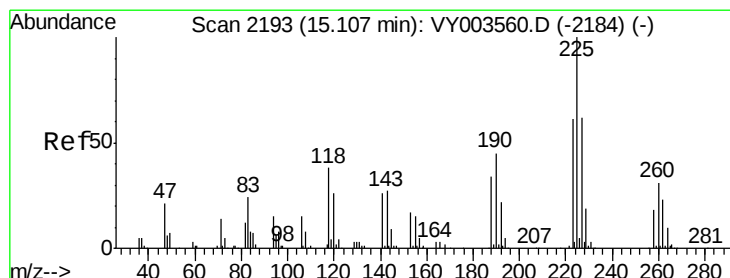
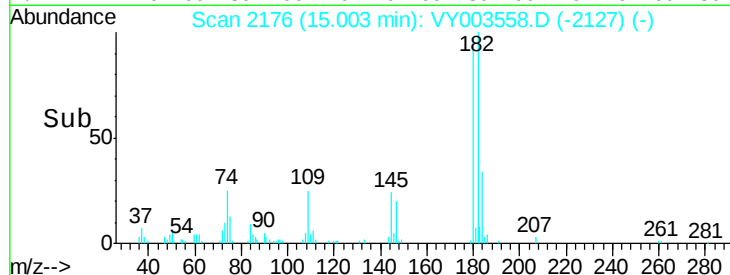
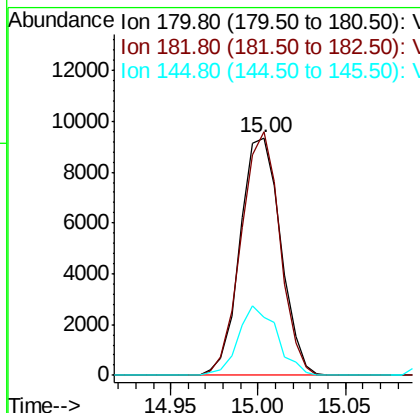
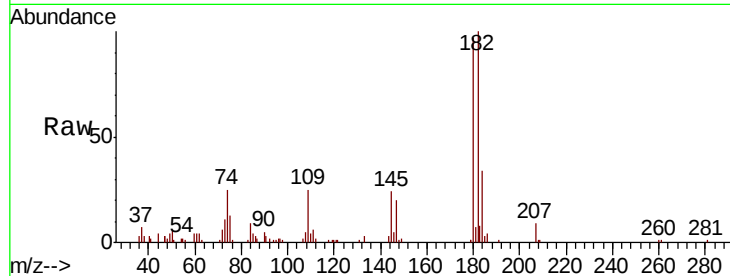




#93
 1,2,4-Trichlorobenzene
 Concen: 9.924 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

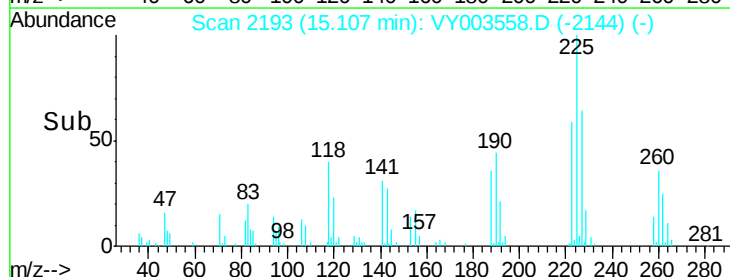
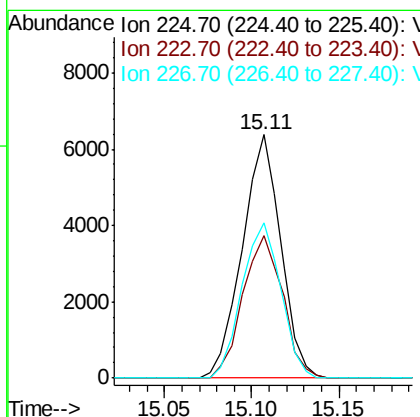
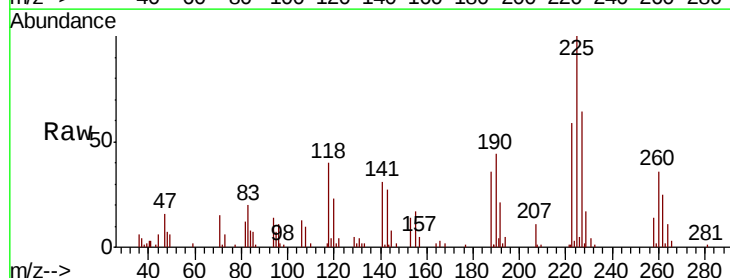
Instrument :
 MSVOA_Y
 ClientSampleId :

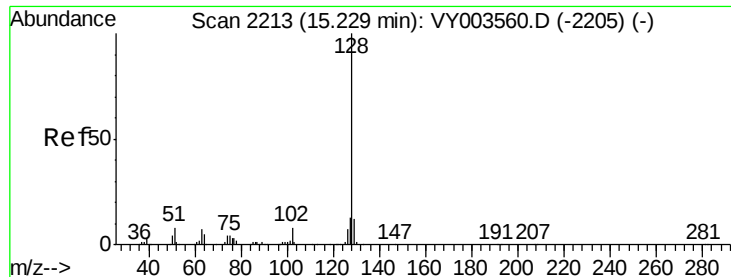
Tot Ion:180 Resp: 15158
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.4 142.3
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 11.295 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion:225 Resp: 9806
 Ion Ratio Lower Upper
 225 100
 223 60.6 32.0 96.0
 227 64.4 31.6 94.7

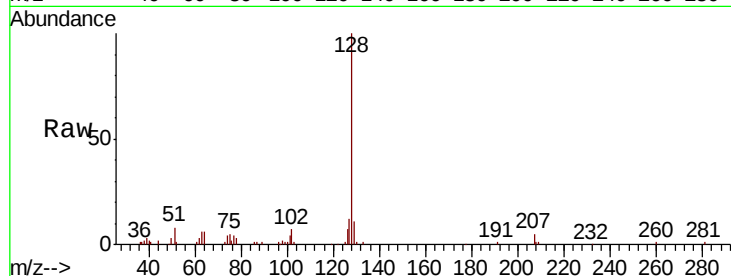




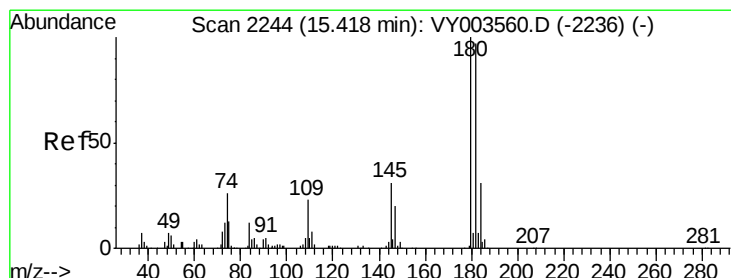
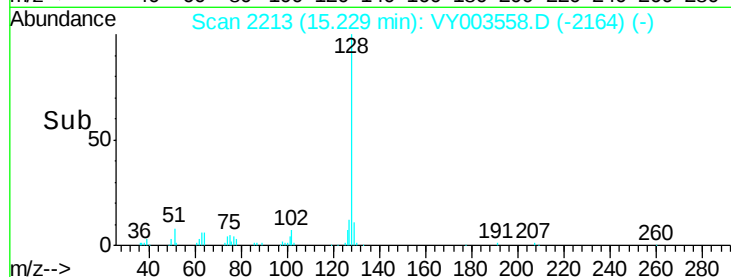
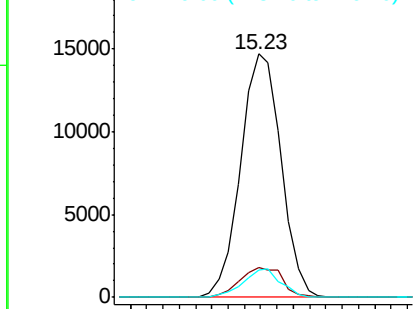
#95
Naphthalene
Concen: 9.727 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 25351
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 9.0 13.4

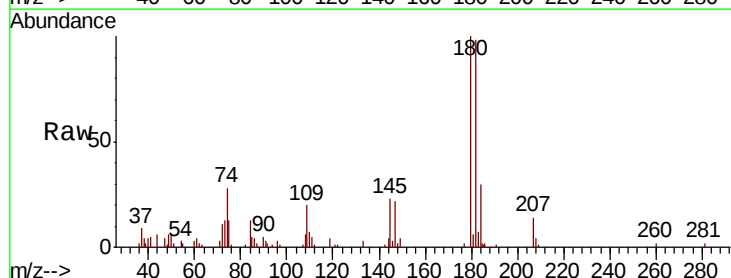


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 10.133 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion:180 Resp: 11377
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.2
145 30.9 15.5 46.5



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

