

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000254.D
 Acq On : 10 Oct 2019 15:38
 Operator : SY/MD
 Sample : VY1010WBS01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 05:51:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	276442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	469089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	196525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	170921	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.73	113	136288	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
50) Toluene-d8	10.19	98	502821	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
62) 4-Bromofluorobenzene	12.48	95	179324	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	50825	18.416	ug/l	97
3) Chloromethane	2.12	50	68886	18.329	ug/l	99
4) Vinyl Chloride	2.25	62	70821	18.251	ug/l	99
5) Bromomethane	2.64	94	55403	22.629	ug/l	93
6) Chloroethane	2.79	64	45995	18.767	ug/l	97
7) Trichlorofluoromethane	3.13	101	93535	18.653	ug/l	97
8) Diethyl Ether	3.53	74	42205	18.409	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53486	18.269	ug/l	98
10) Methyl Iodide	4.10	142	76721	16.523	ug/l	97
11) Tert butyl alcohol	4.97	59	198448	102.739	ug/l	100
12) 1,1-Dichloroethene	3.88	96	55787	18.355	ug/l	96
13) Acrolein	3.73	56	78448	77.371	ug/l	98
14) Allyl chloride	4.49	41	92896	18.139	ug/l	95
15) Acrylonitrile	5.17	53	334874	98.212	ug/l	99
16) Acetone	3.95	43	291727	103.599	ug/l	99
17) Carbon Disulfide	4.19	76	156041	17.419	ug/l	99
18) Methyl Acetate	4.48	43	151815	19.673	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	216249	19.448	ug/l	96
20) Methylene Chloride	4.72	84	68747	18.584	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	61843	18.088	ug/l	99
22) Diisopropyl ether	6.13	45	226611	19.099	ug/l	90
23) Vinyl Acetate	6.07	43	1037178	89.879	ug/l	100
24) 1,1-Dichloroethane	6.04	63	115016	19.004	ug/l	97
25) 2-Butanone	7.00	43	534651	102.632	ug/l	97
26) 2,2-Dichloropropane	6.99	77	97095	17.772	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	73940	18.359	ug/l	100
28) Bromochloromethane	7.34	49	48864	24.529	ug/l	96
29) Tetrahydrofuran	7.36	42	358252	97.375	ug/l	98
30) Chloroform	7.52	83	119382	19.007	ug/l	98
31) Cyclohexane	7.79	56	103195	16.881	ug/l #	96
32) 1,1,1-Trichloroethane	7.71	97	100549	18.829	ug/l	98
36) 1,1-Dichloropropene	7.93	75	84706	17.747	ug/l	98
37) Ethyl Acetate	7.08	43	165722	19.206	ug/l	99
38) Carbon Tetrachloride	7.91	117	84250	18.111	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	105267	17.581	ug/l	93
40) Benzene	8.17	78	271045	18.720	ug/l	96
41) Methacrylonitrile	7.36	41	273033	40.202	ug/l #	52
42) 1,2-Dichloroethane	8.25	62	95828	20.377	ug/l	98
43) Isopropyl Acetate	8.28	43	222122	20.000	ug/l	99
44) Trichloroethene	8.95	130	74736	19.035	ug/l	96
45) 1,2-Dichloropropane	9.22	63	69569	19.183	ug/l	96
46) Dibromomethane	9.32	93	48309	19.001	ug/l	97
47) Bromodichloromethane	9.50	83	95307	19.164	ug/l	96
48) Methyl methacrylate	9.30	41	98701	19.689	ug/l	98
49) 1,4-Dioxane	9.30	88	51447	399.787	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	850178	101.857	ug/l	99
52) Toluene	10.25	92	166396	17.918	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	106259	18.833	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	113498	18.591	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	72911	19.912	ug/l	97
56) Ethyl methacrylate	10.52	69	125807	19.515	ug/l	99
57) 1,3-Dichloropropane	10.80	76	122600	19.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	345322	120.175	ug/l	99
59) 2-Hexanone	10.84	43	734571	95.031	ug/l	99
60) Dibromochloromethane	10.99	129	74417	19.222	ug/l	99
61) 1,2-Dibromoethane	11.10	107	76019	19.545	ug/l	100
64) Tetrachloroethene	10.72	164	74558	19.515	ug/l	96
65) Chlorobenzene	11.52	112	173650	17.928	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	66555	19.220	ug/l	99
67) Ethyl Benzene	11.60	91	310721	17.945	ug/l	99
68) m/p-Xylenes	11.70	106	239296	36.219	ug/l	99
69) o-Xylene	12.03	106	118795	18.664	ug/l	96
70) Styrene	12.05	104	198002	18.060	ug/l	99
71) Bromoform	12.21	173	56620	19.815	ug/l #	100
73) Isopropylbenzene	12.33	105	301490	18.104	ug/l	98
74) N-amyl acetate	12.14	43	162402	18.548	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	111831	19.677	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	169727	32.711	ug/l #	100
77) Bromobenzene	12.61	156	73253	18.758	ug/l	99
78) n-propylbenzene	12.67	91	351261	18.058	ug/l	98
79) 2-Chlorotoluene	12.76	91	199710	17.832	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	258436	18.598	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	45478	17.554	ug/l #	88
82) 4-Chlorotoluene	12.86	91	210270	18.537	ug/l	100
83) tert-Butylbenzene	13.08	119	218908	18.125	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	255468	18.401	ug/l	99
85) sec-Butylbenzene	13.25	105	302122	18.149	ug/l	98
86) p-Isopropyltoluene	13.37	119	269211	18.390	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	134041	18.939	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	134279	18.214	ug/l	98
89) n-Butylbenzene	13.70	91	245841	17.819	ug/l	100
90) Hexachloroethane	13.96	117	50170	18.118	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	133759	18.672	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	37784	19.646	ug/l	96

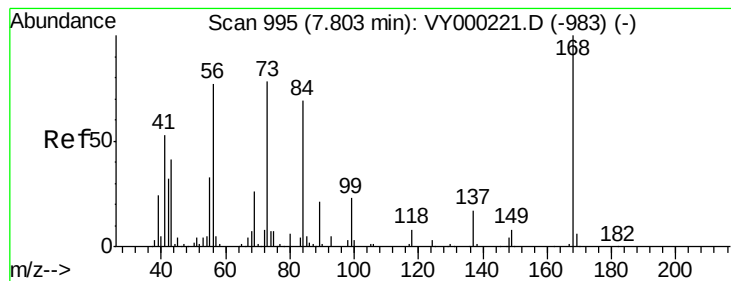
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QLast Update : Thu Oct 10 02:22:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	89852	18.473	ug/l	98
94) Hexachlorobutadiene	15.11	225	42334	18.213	ug/l	98
95) Naphthalene	15.23	128	349293	19.090	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	88864	18.994	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

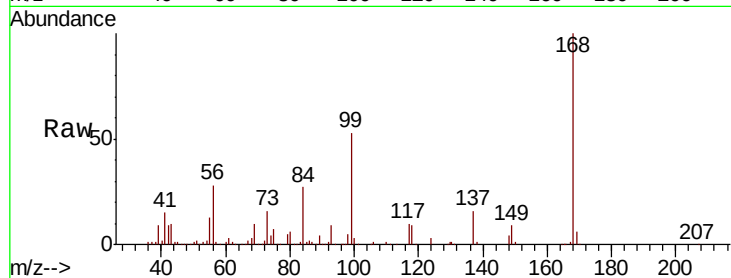
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 276442

Ion Ratio Lower Upper

168 100

99 52.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

7.80

100000

50000

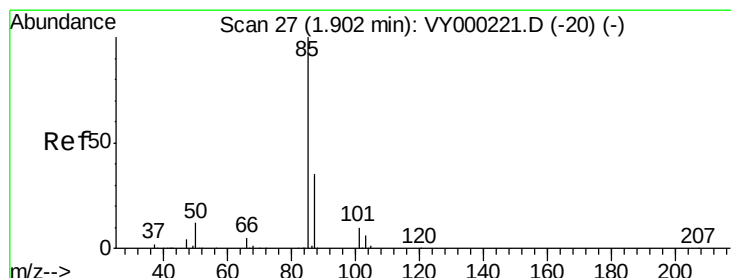
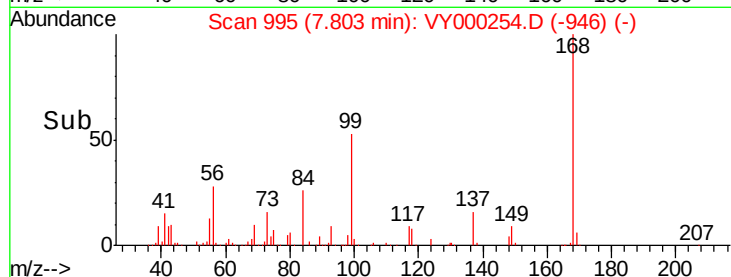
0

Time-->

7.70

7.80

7.90



#2

Dichlorodifluoromethane

Concen: 18.416 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000254.D

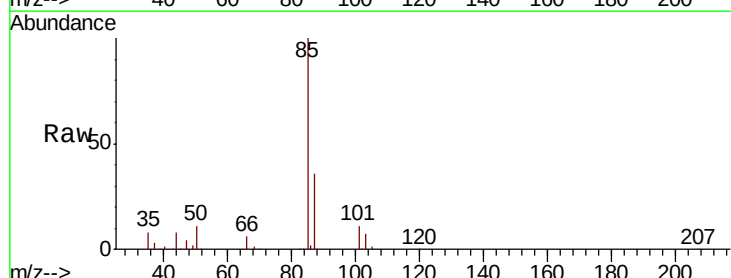
Acq: 10 Oct 2019 15:38

Tgt Ion: 85 Resp: 50825

Ion Ratio Lower Upper

85 100

87 36.4 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

30000

20000

10000

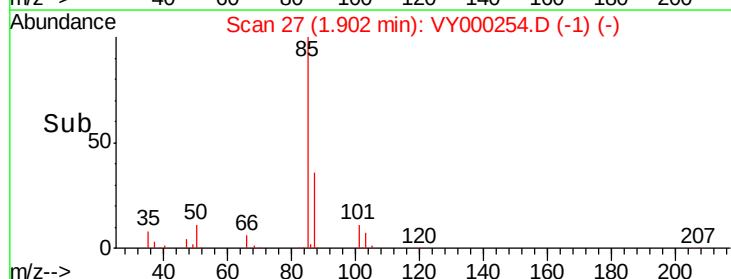
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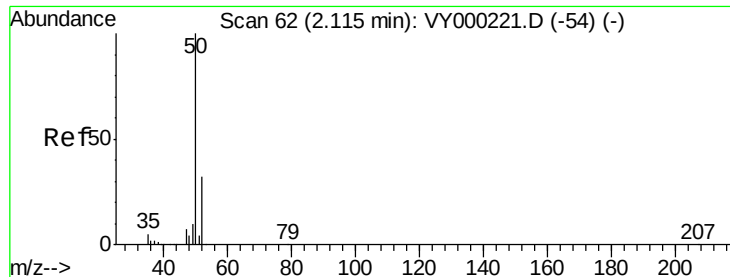
Time-->

1.80

1.90

2.00





#3

Chloromethane

Concen: 18.329 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

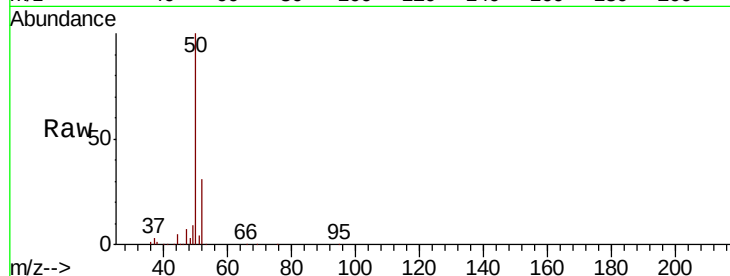
ClientSampleId :

Tot Ion: 50 Resp: 68886

Ion Ratio Lower Upper

50 100

52 31.0 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

50000

40000

30000

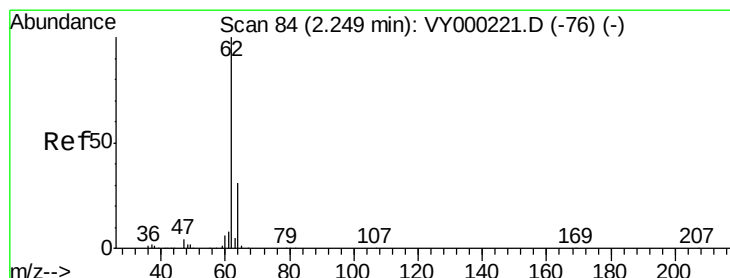
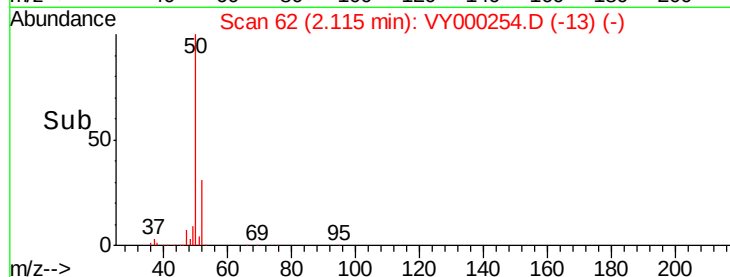
20000

10000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 18.251 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000254.D

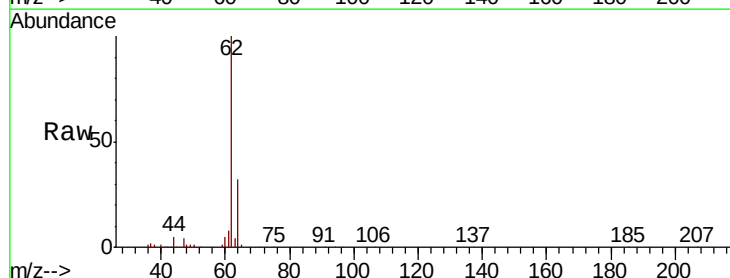
Acq: 10 Oct 2019 15:38

Tgt Ion: 62 Resp: 70821

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

50000

40000

30000

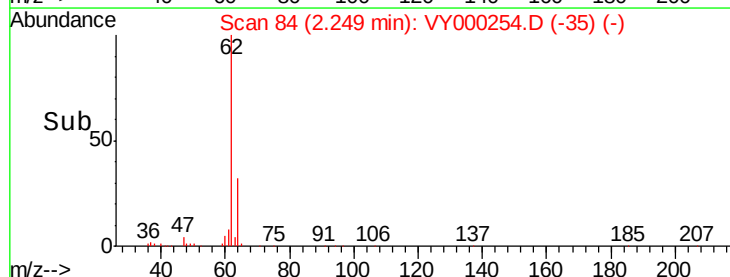
20000

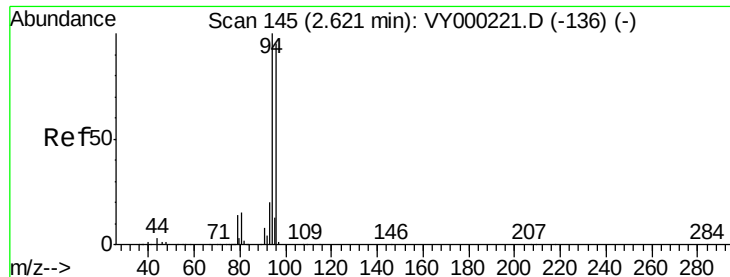
10000

0

Time-->

2.20 2.25 2.30





#5

Bromomethane

Concen: 22.629 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.02 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

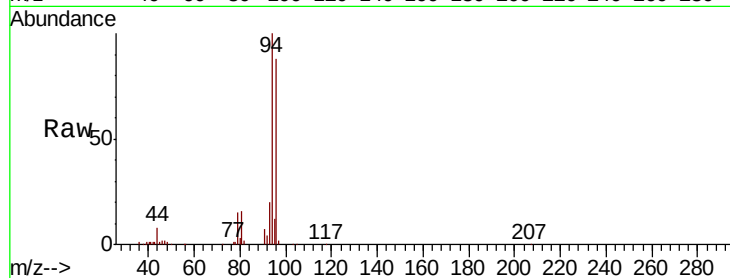
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 55403

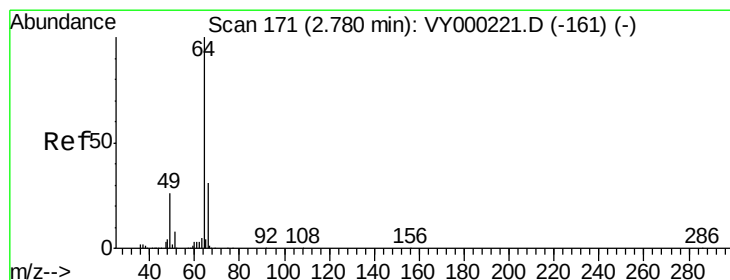
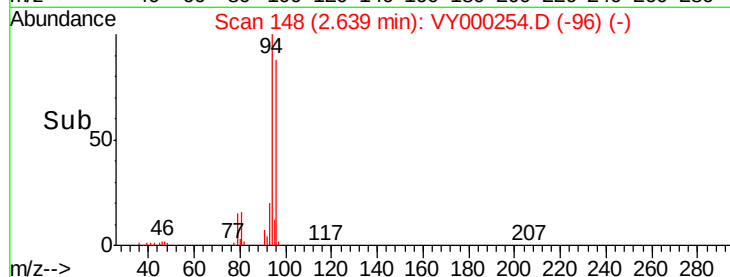
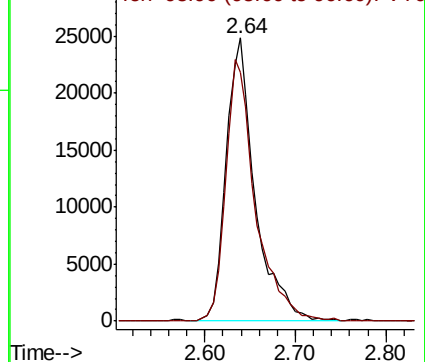
Ion Ratio Lower Upper

94 100

96 87.9 75.7 113.5



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



#6

Chloroethane

Concen: 18.767 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000254.D

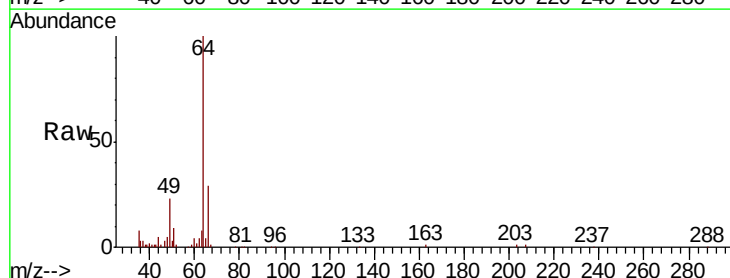
Acq: 10 Oct 2019 15:38

Tgt Ion: 64 Resp: 45995

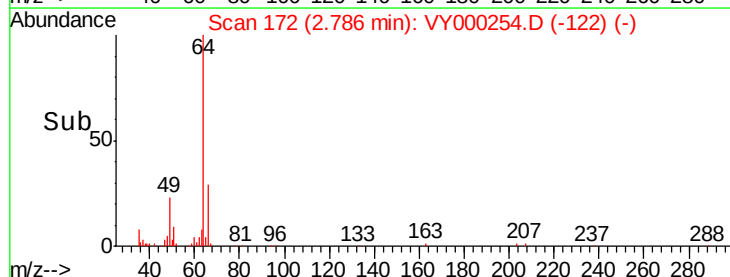
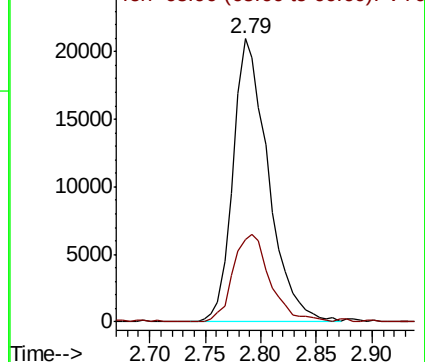
Ion Ratio Lower Upper

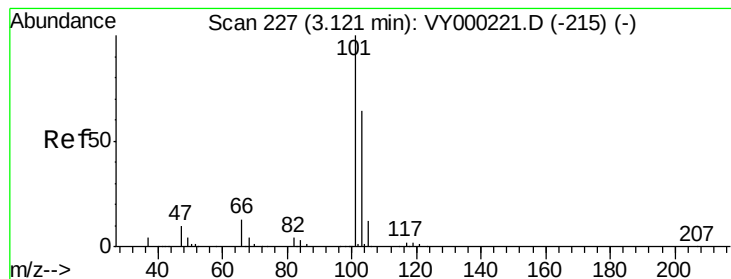
64 100

66 28.9 24.5 36.7



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



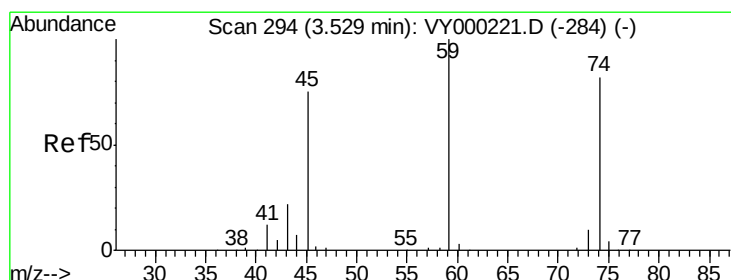
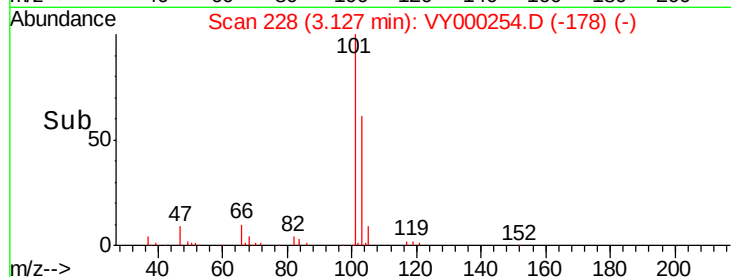
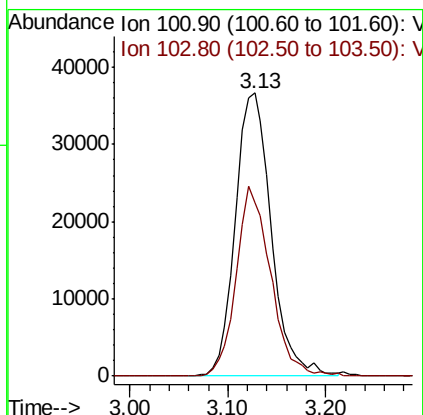
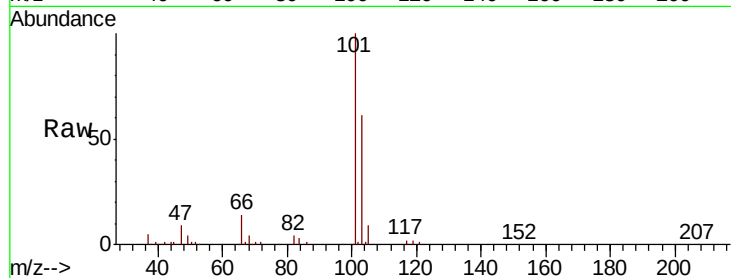


#7

Trichlorofluoromethane
Concen: 18.653 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampled :

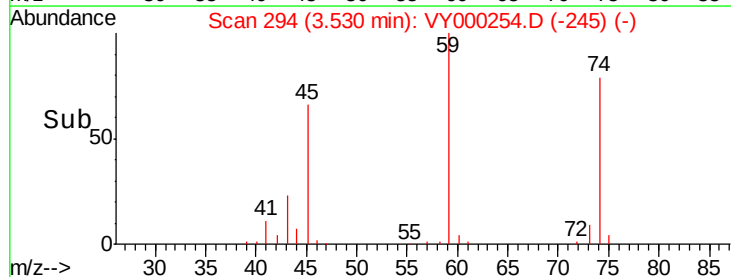
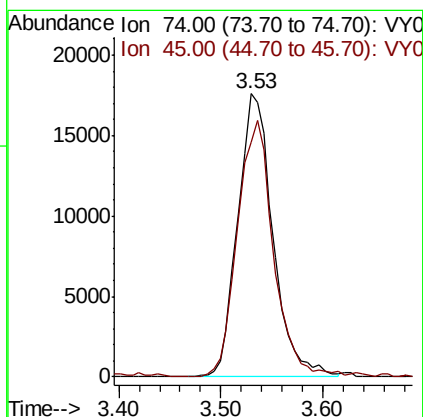
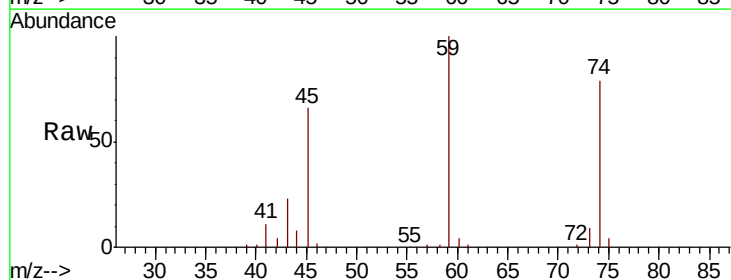
Tot Ion:101 Resp: 93535
Ion Ratio Lower Upper
101 100
103 61.4 51.0 76.6

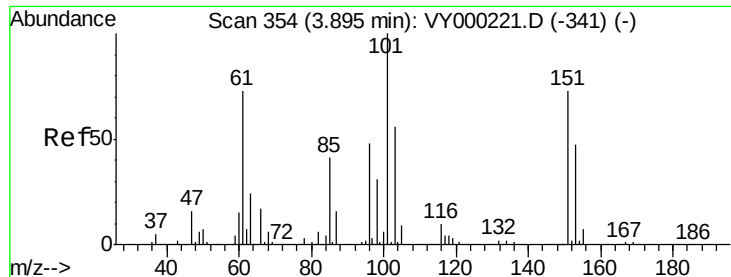


#8

Diethyl Ether
Concen: 18.409 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 74 Resp: 42205
Ion Ratio Lower Upper
74 100
45 93.0 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.269 ug/l

RT: 3.90 min Scan# 354

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

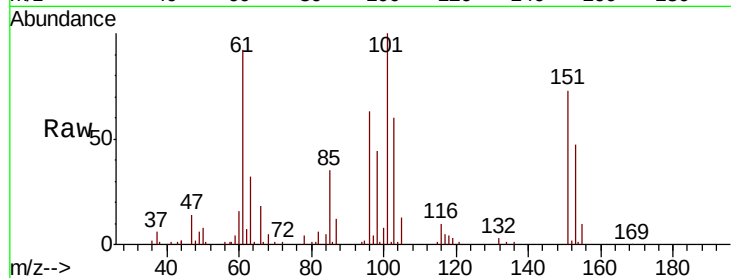
Tot Ion:101 Resp: 53486

Ion Ratio Lower Upper

101 100

85 44.4 37.0 55.6

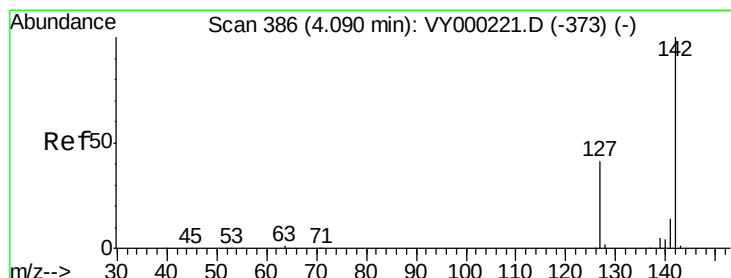
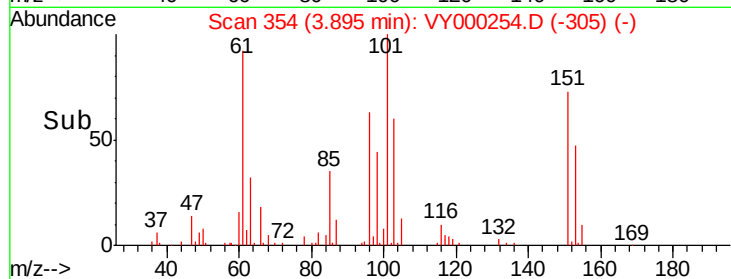
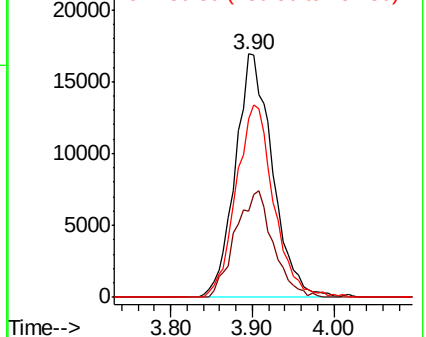
151 79.9 63.0 94.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.523 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

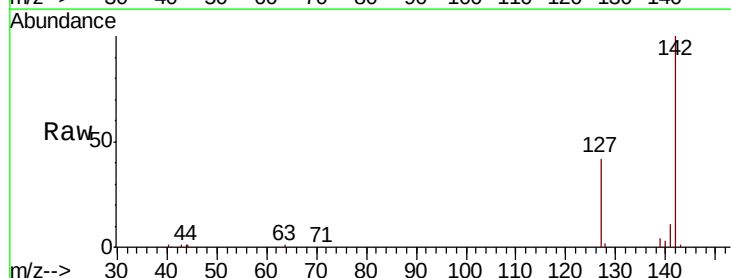
Tgt Ion:142 Resp: 76721

Ion Ratio Lower Upper

142 100

127 44.0 33.0 49.6

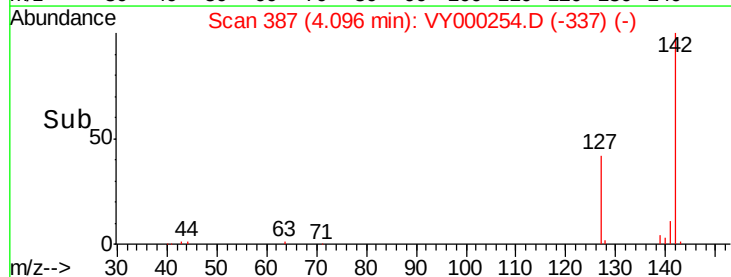
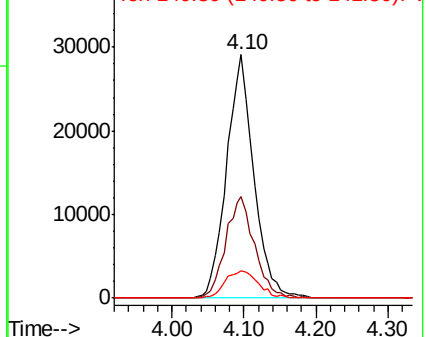
141 13.7 11.0 16.4

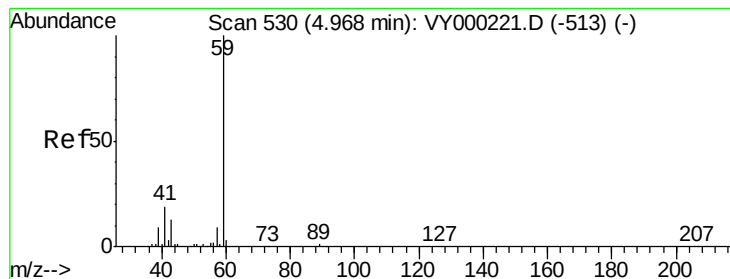


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



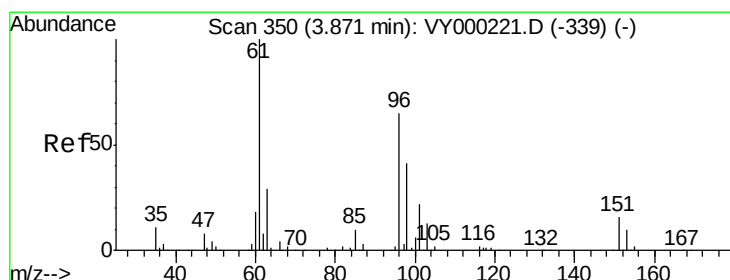
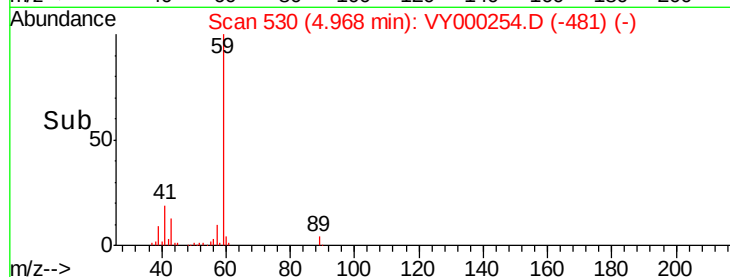
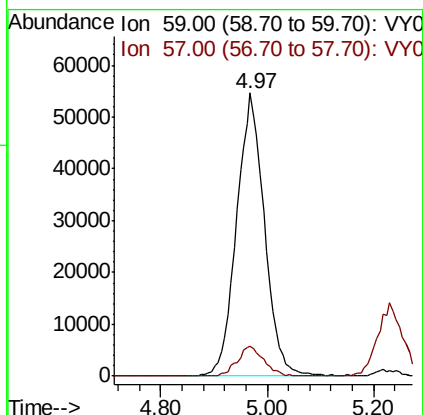
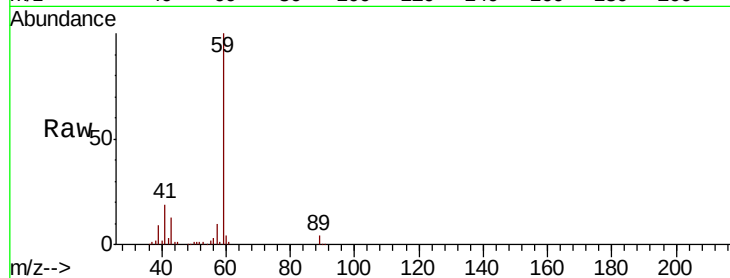


#11

Tert butyl alcohol
 Concen: 102.739 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :

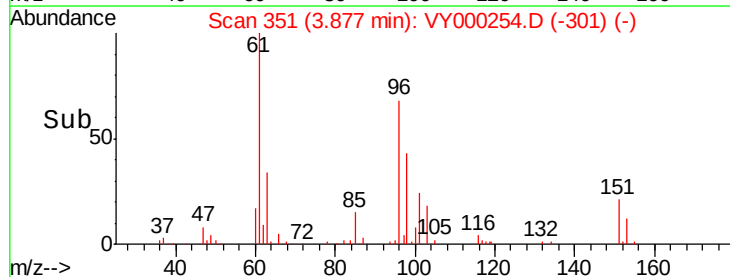
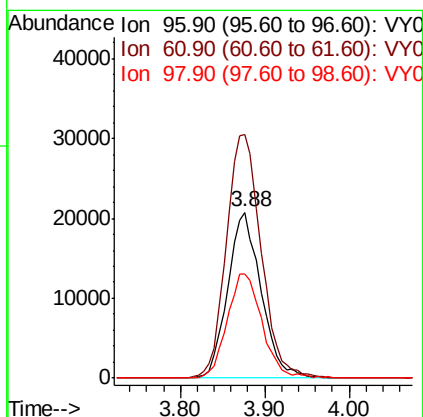
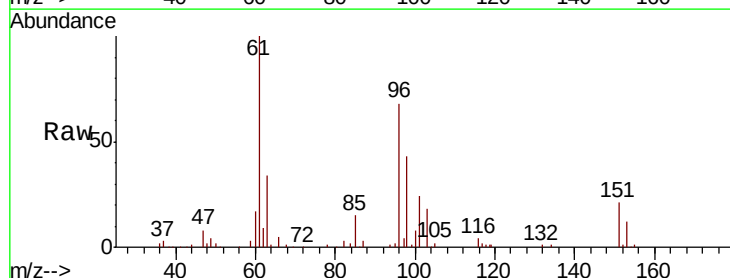
Tot Ion: 59 Resp: 198448
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.0 12.0

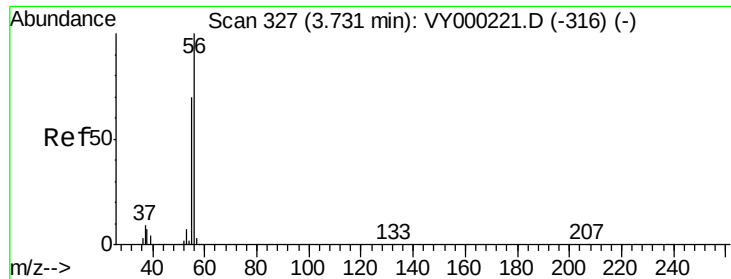


#12

1,1-Dichloroethene
 Concen: 18.355 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Tgt Ion: 96 Resp: 55787
 Ion Ratio Lower Upper
 96 100
 61 147.0 123.8 185.8
 98 63.0 50.9 76.3





#13

Acrolein

Concen: 77.371 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

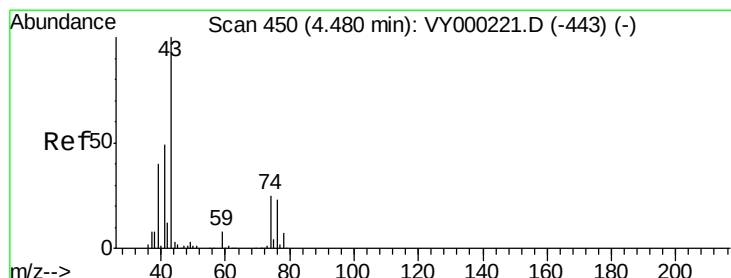
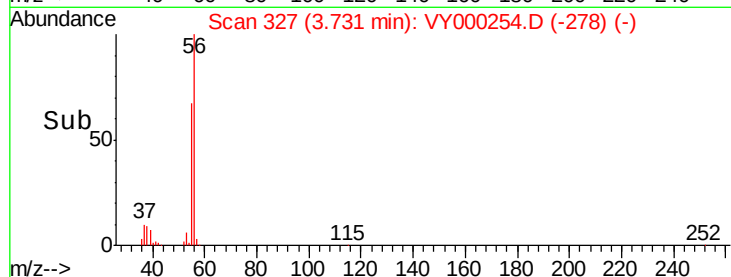
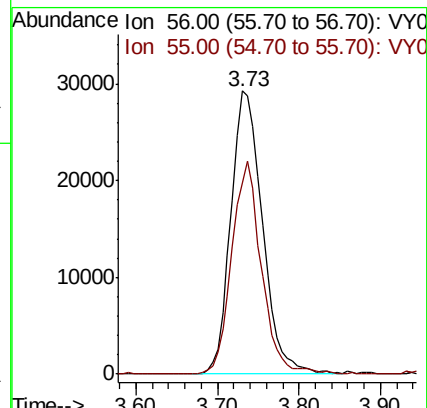
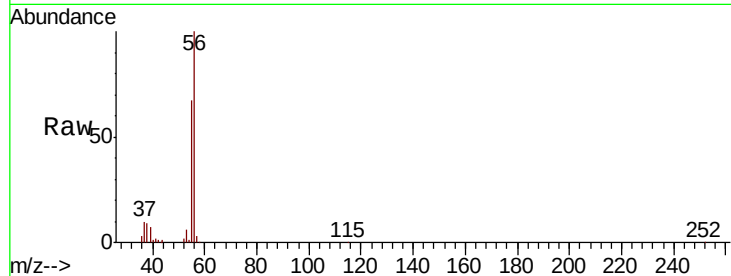
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 78448

Ion Ratio Lower Upper

56 100

55 70.4 55.2 82.8



#14

Allyl chloride

Concen: 18.139 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

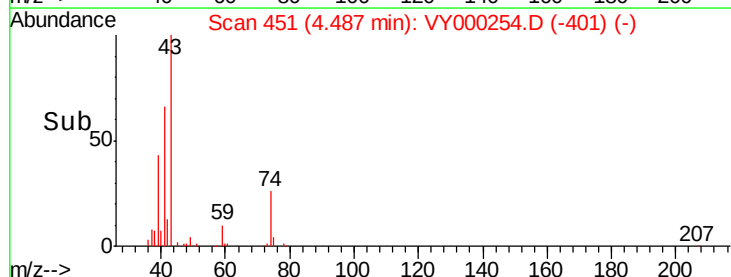
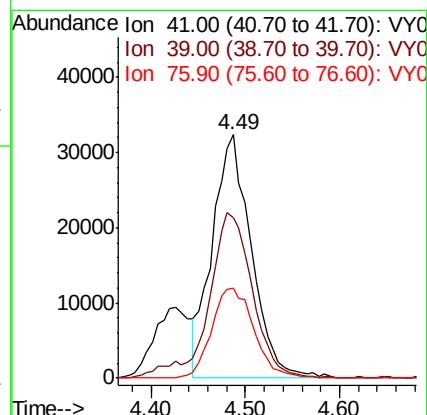
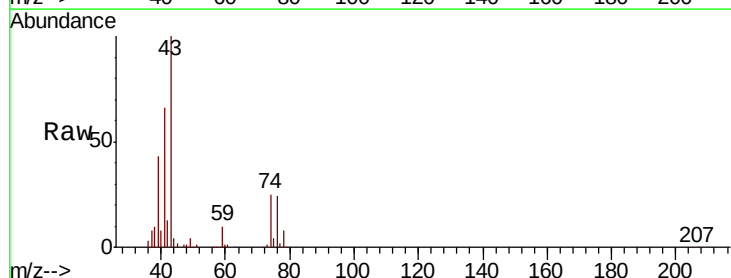
Tgt Ion: 41 Resp: 92896

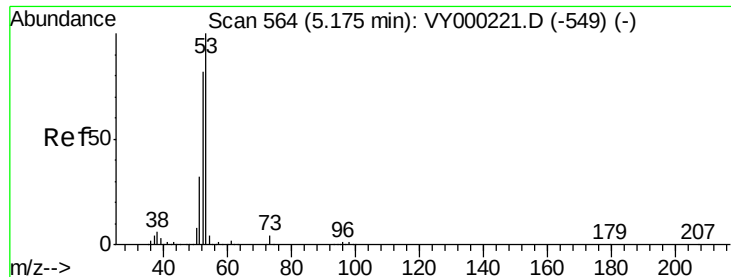
Ion Ratio Lower Upper

41 100

39 76.0 56.4 84.6

76 40.1 30.8 46.2





#15

Acrylonitrile

Concen: 98.212 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

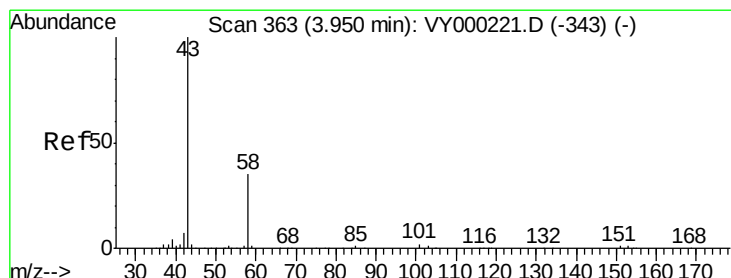
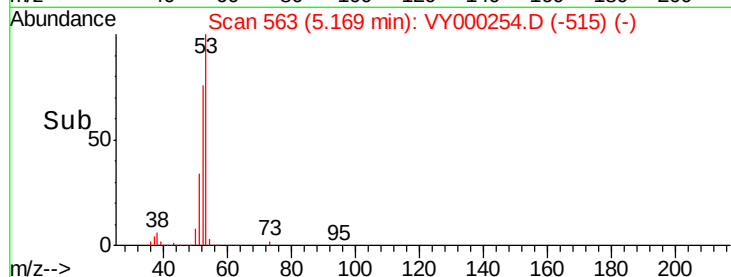
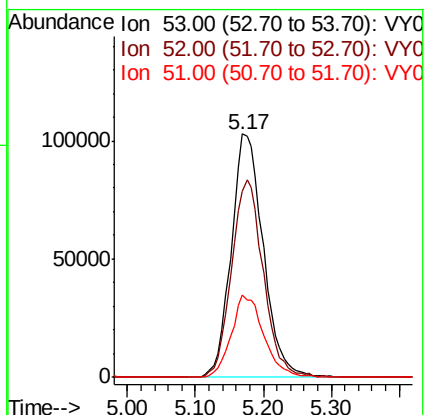
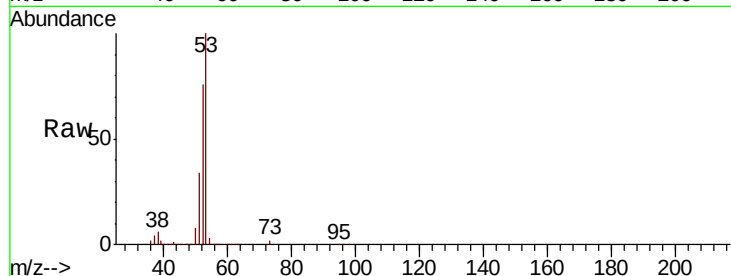
Tot Ion: 53 Resp: 334874

Ion Ratio Lower Upper

53 100

52 80.8 65.4 98.2

51 34.3 27.2 40.8



#16

Acetone

Concen: 103.599 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY000254.D

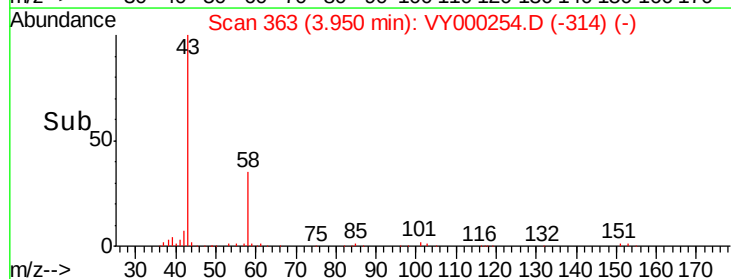
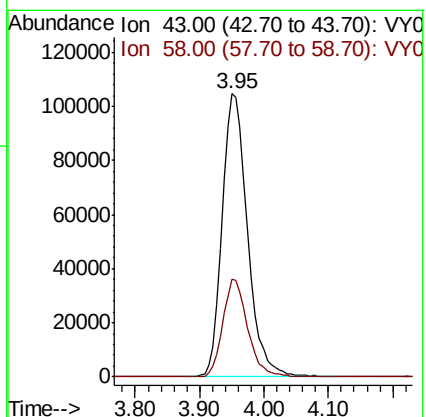
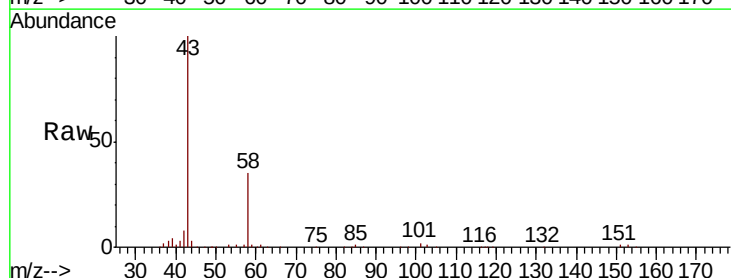
Acq: 10 Oct 2019 15:38

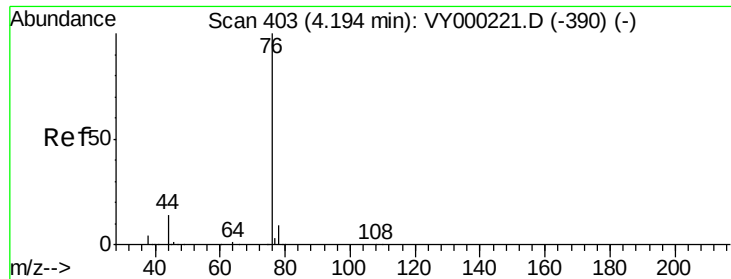
Tgt Ion: 43 Resp: 291727

Ion Ratio Lower Upper

43 100

58 34.8 28.2 42.4





#17

Carbon Disulfide

Concen: 17.419 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

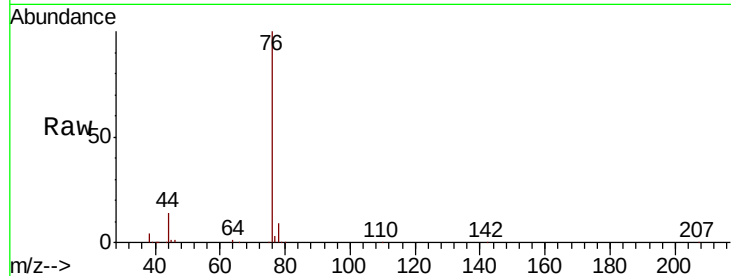
ClientSampleId :

Tot Ion: 76 Resp: 156041

Ion Ratio Lower Upper

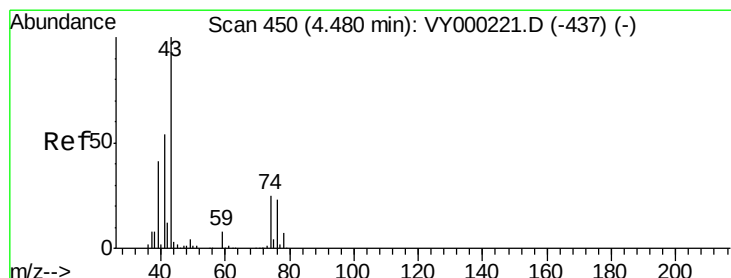
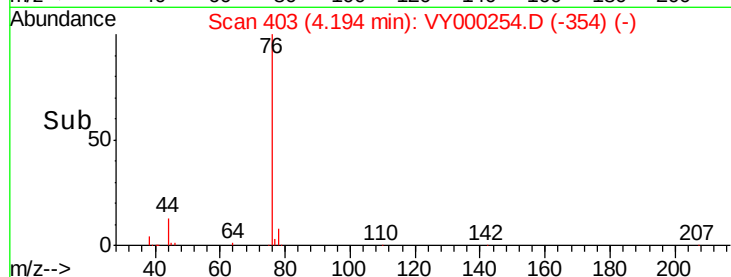
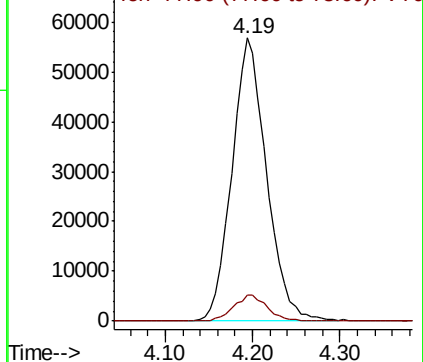
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.673 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000254.D

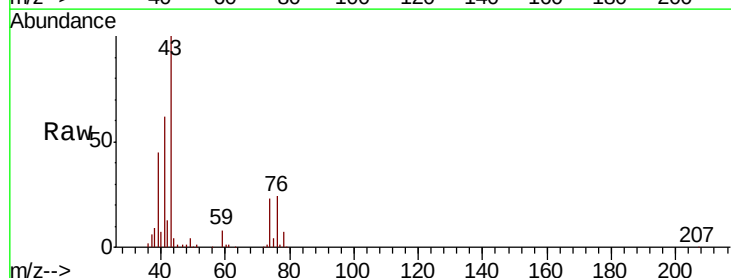
Acq: 10 Oct 2019 15:38

Tgt Ion: 43 Resp: 151815

Ion Ratio Lower Upper

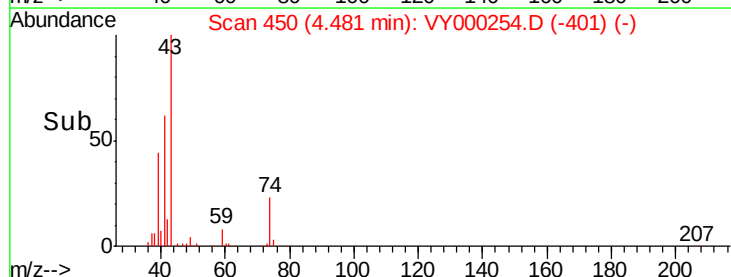
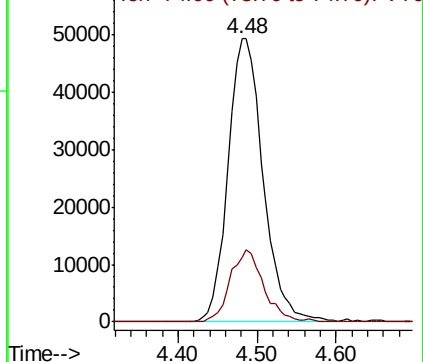
43 100

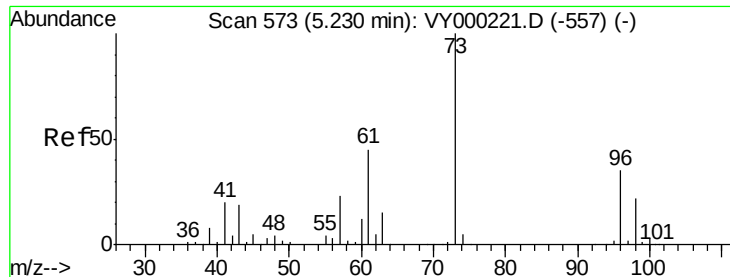
74 24.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

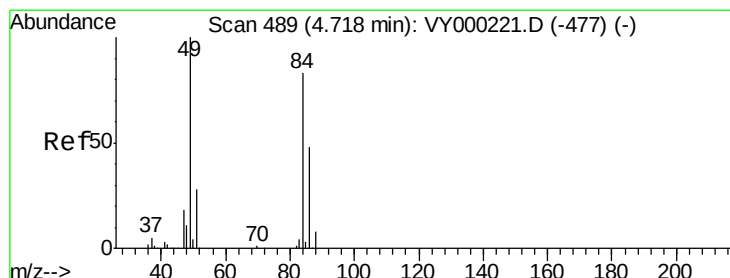
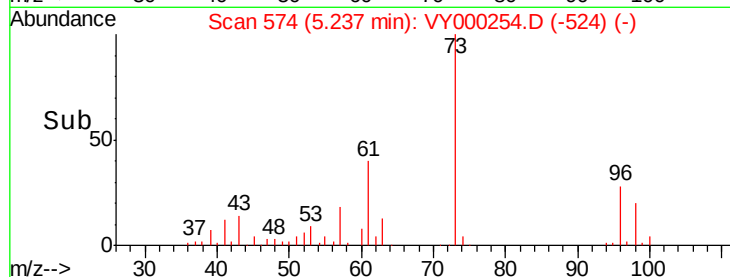
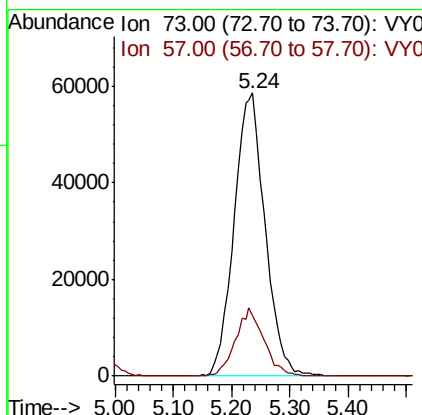
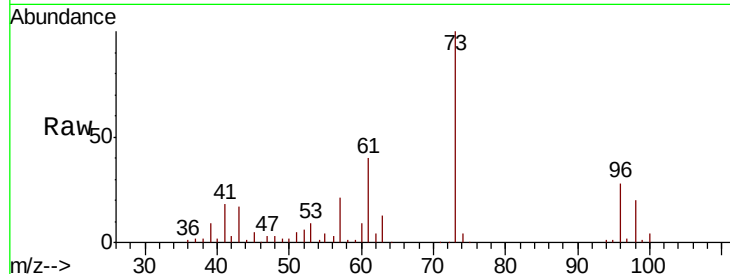




#19
Methyl tert-butyl Ether
Concen: 19.448 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

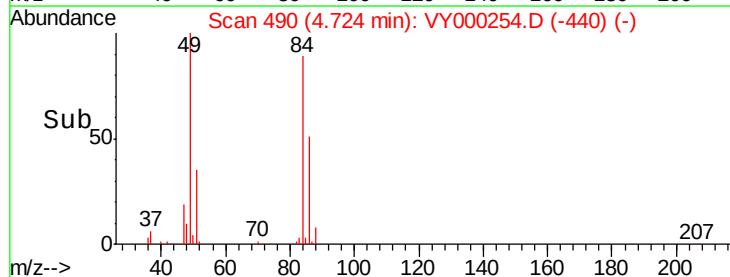
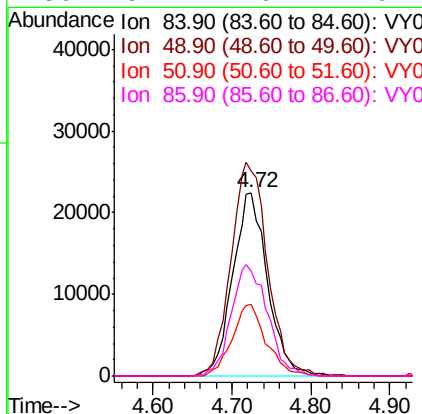
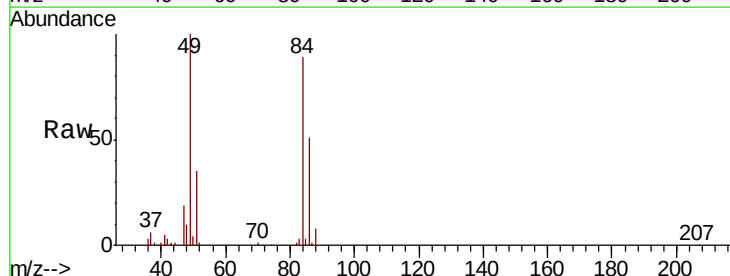
Instrument :
MSVOA_Y
ClientSampleId :

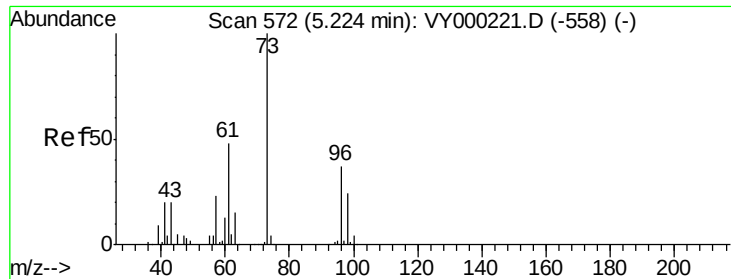
Tot Ion: 73 Resp: 216249
Ion Ratio Lower Upper
73 100
57 21.3 18.4 27.6



#20
Methylene Chloride
Concen: 18.584 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 84 Resp: 68747
Ion Ratio Lower Upper
84 100
49 112.0 96.2 144.2
51 39.0 26.6 39.8
86 57.2 46.7 70.1

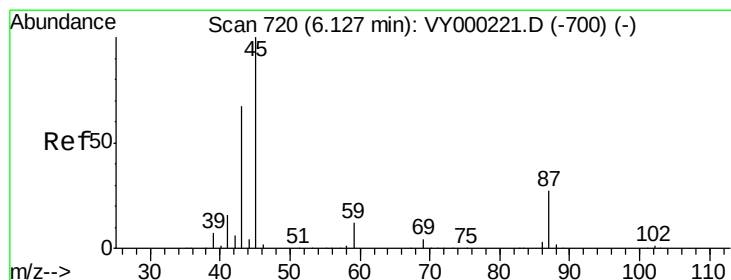
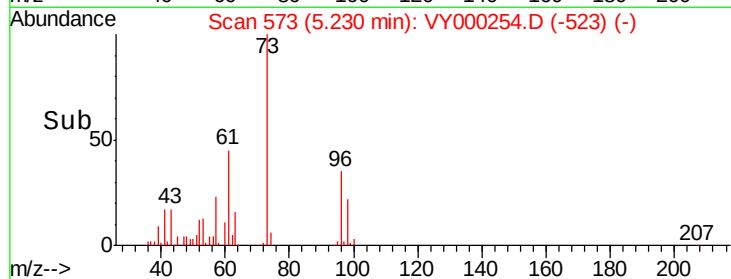
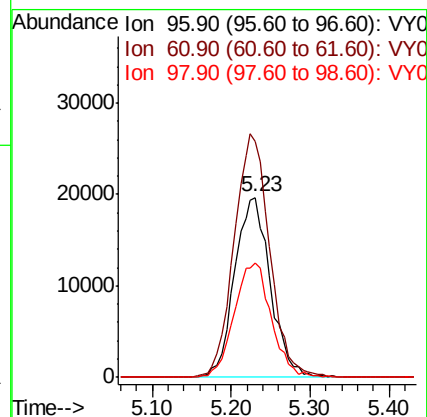
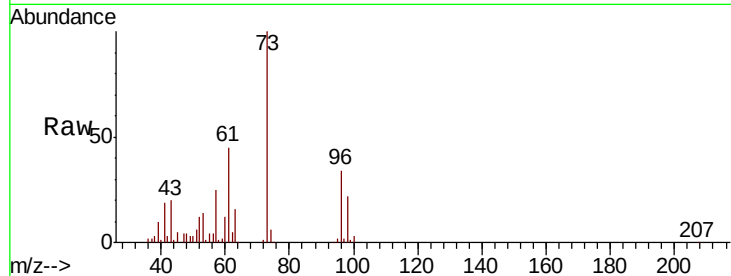




#21
trans-1,2-Dichloroethene
Concen: 18.088 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

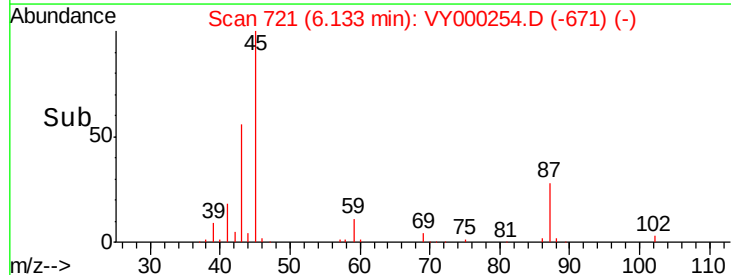
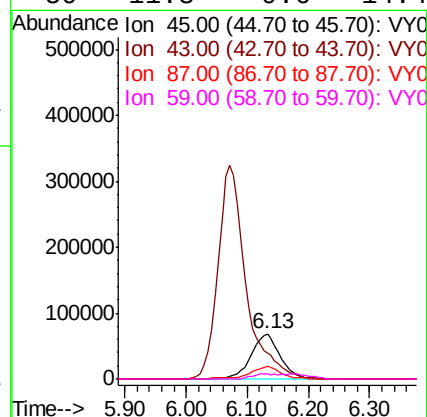
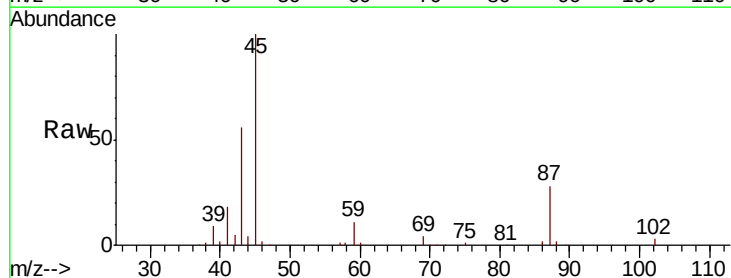
Instrument :
MSVOA_Y
ClientSampleId :

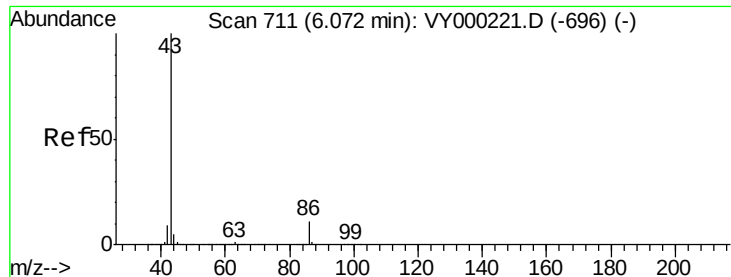
Tot Ion: 96 Resp: 61843
Ion Ratio Lower Upper
96 100
61 131.3 104.2 156.2
98 63.6 51.0 76.6



#22
Diisopropyl ether
Concen: 19.099 ug/l
RT: 6.13 min Scan# 721
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 45 Resp: 226611
Ion Ratio Lower Upper
45 100
43 55.1 53.4 80.2
87 27.7 21.7 32.5
59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 89.879 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

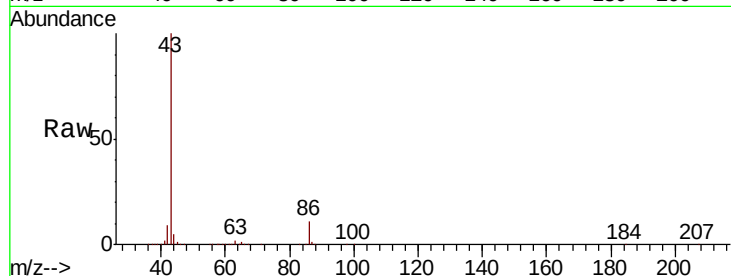
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1037178

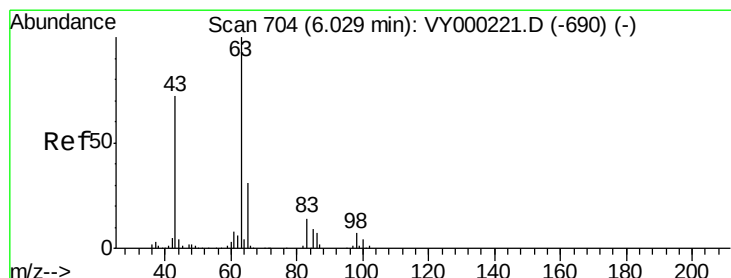
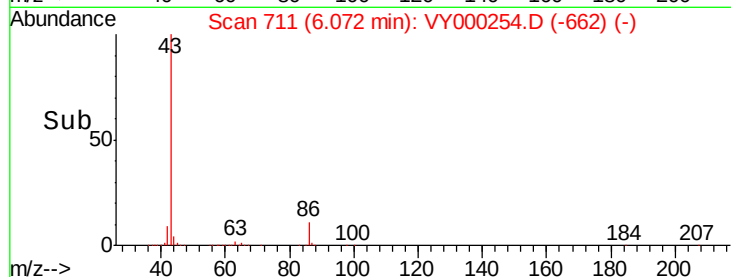
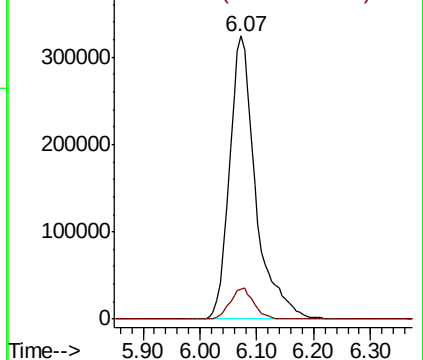
Ion Ratio Lower Upper

43 100

86 10.8 8.5 12.7



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



#24

1,1-Dichloroethane

Concen: 19.004 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

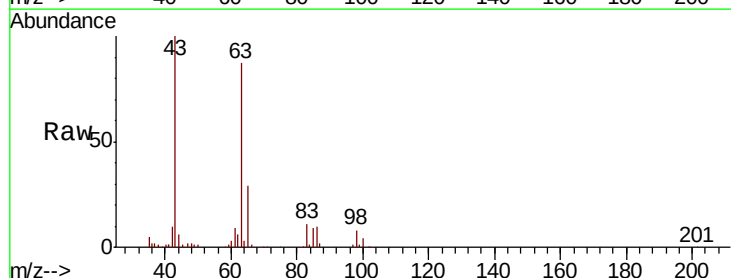
Tgt Ion: 63 Resp: 115016

Ion Ratio Lower Upper

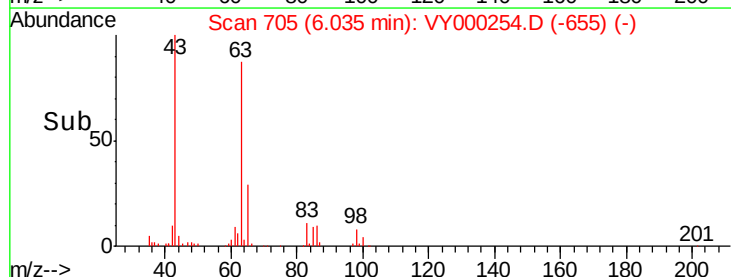
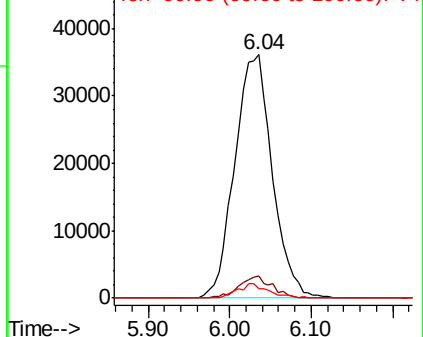
63 100

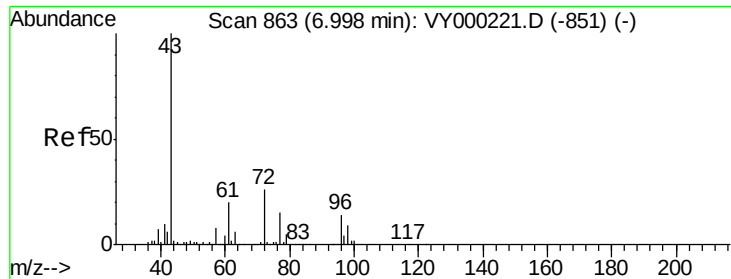
98 8.9 3.5 10.6

100 4.1 2.1 6.5



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: 102.632 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

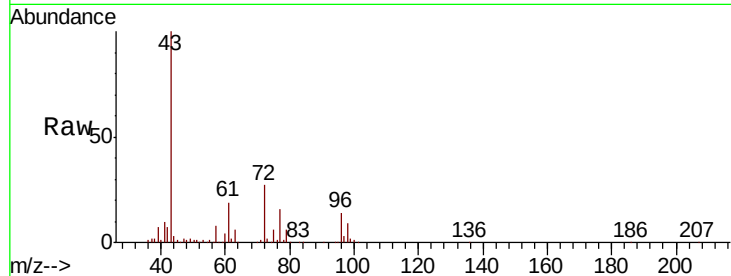
ClientSampleId :

Tot Ion: 43 Resp: 534651

Ion Ratio Lower Upper

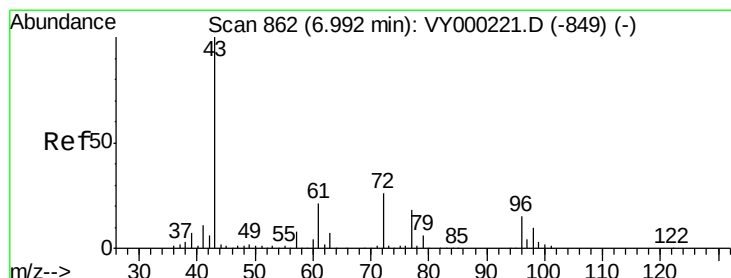
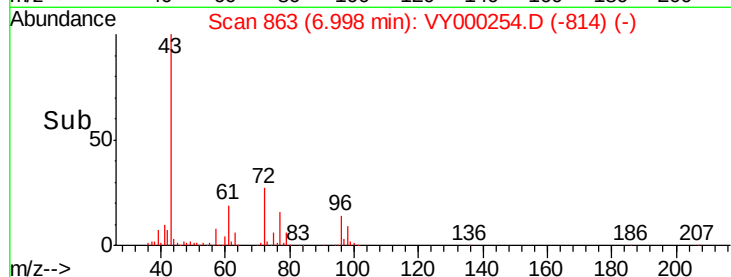
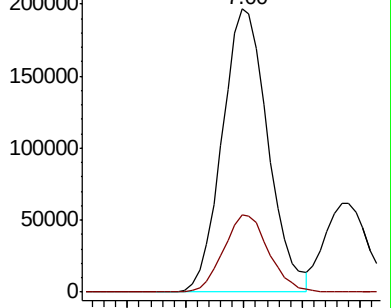
43 100

72 27.3 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 17.772 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000254.D

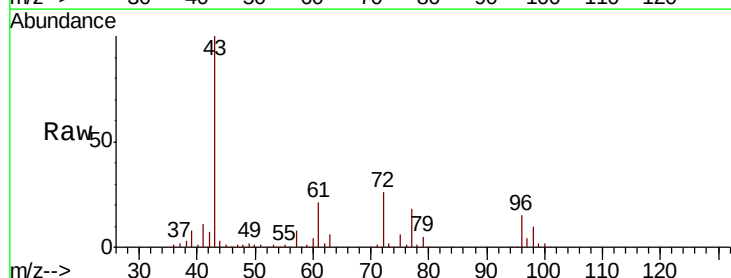
Acq: 10 Oct 2019 15:38

Tgt Ion: 77 Resp: 97095

Ion Ratio Lower Upper

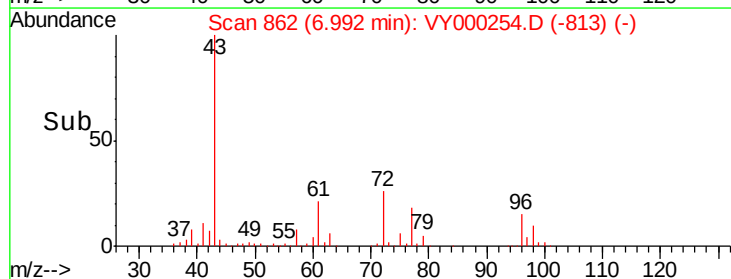
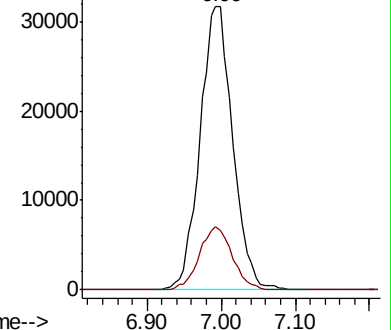
77 100

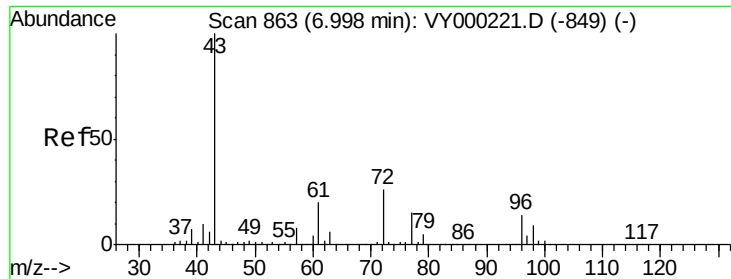
97 22.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

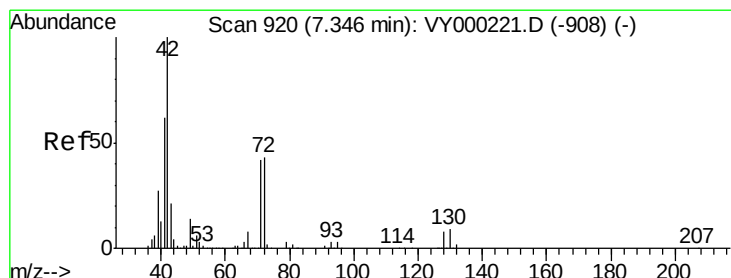
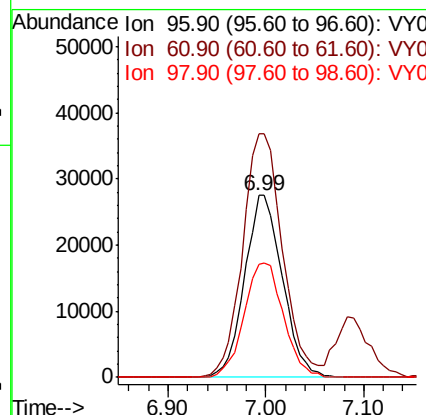
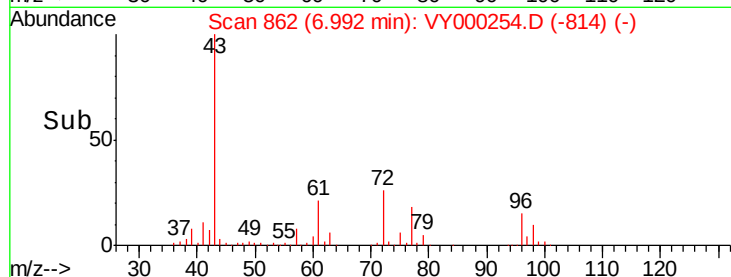
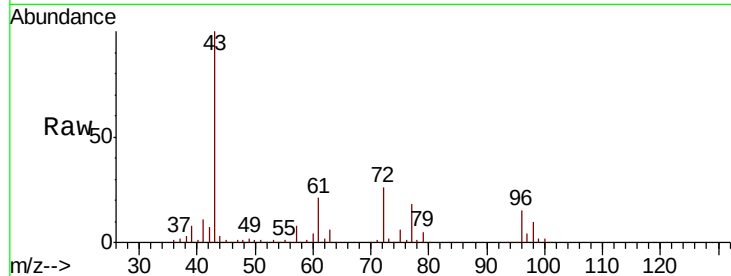




#27
 cis-1,2-Dichloroethene
 Concen: 18.359 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

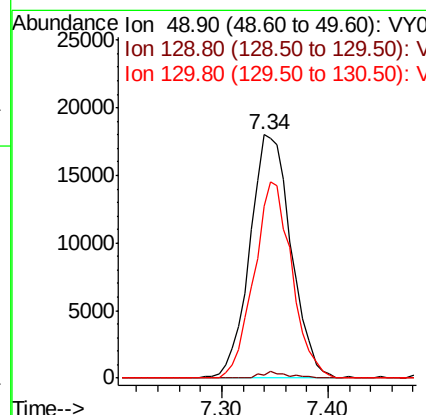
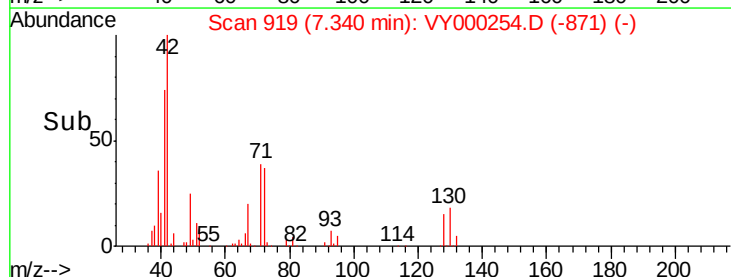
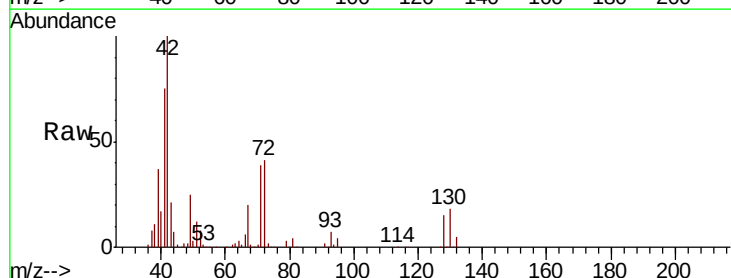
Instrument :
 MSVOA_Y
 ClientSampleId :

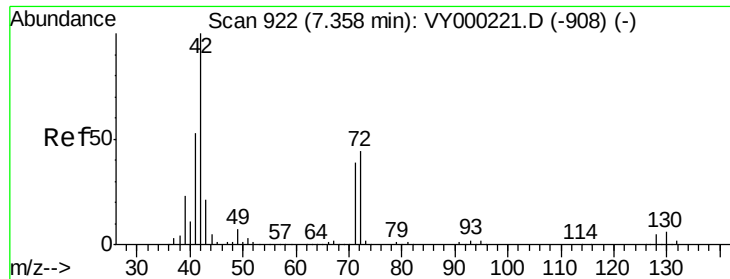
Tot Ion: 96 Resp: 73940
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 282.6
 98 65.4 0.0 129.8



#28
 Bromochloromethane
 Concen: 24.529 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Tgt Ion: 49 Resp: 48864
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 73.9 56.5 84.7

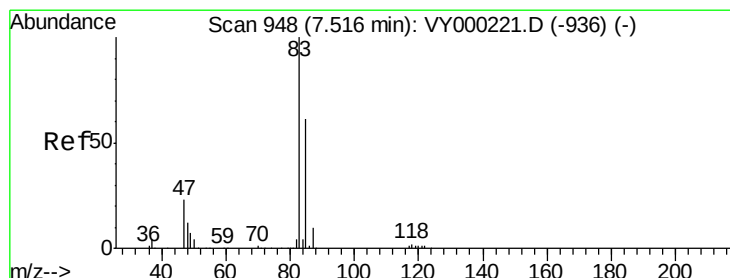
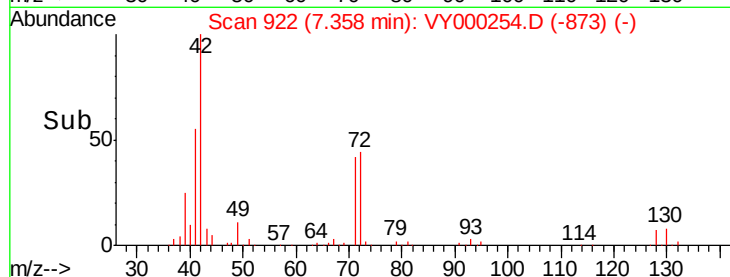
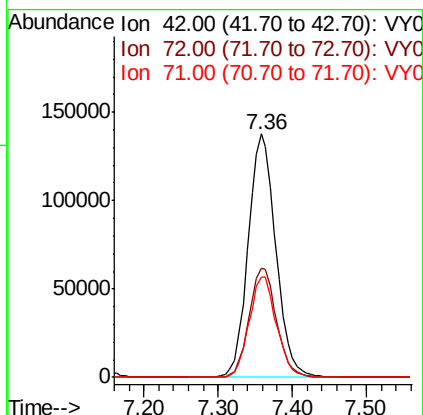
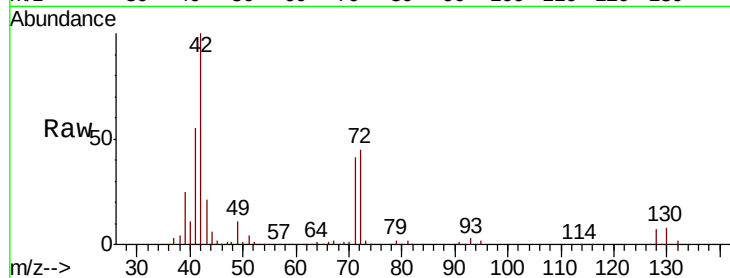




#29
Tetrahydrofuran
Concen: 97.375 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

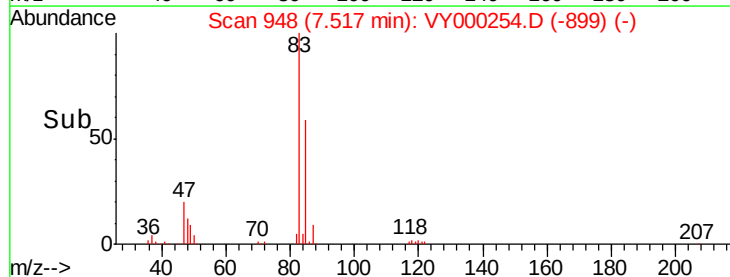
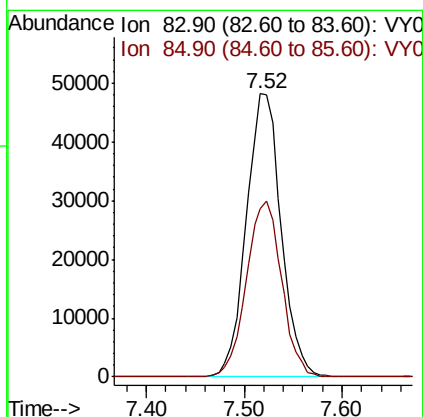
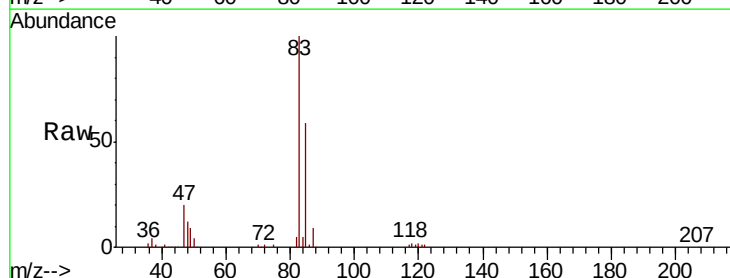
Instrument :
MSVOA_Y
ClientSampled :

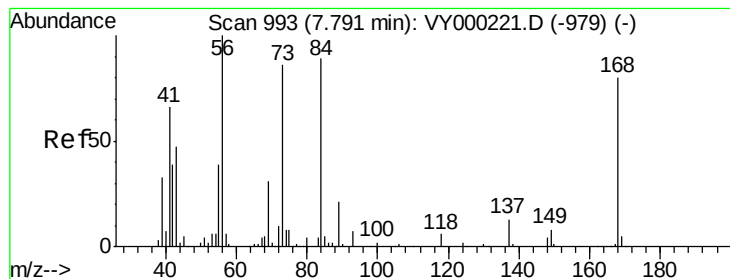
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.6	51.8
71	41.0	31.9	47.9



#30
Chloroform
Concen: 19.007 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.4	48.9	73.3





#31

Cyclohexane

Concen: 16.881 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

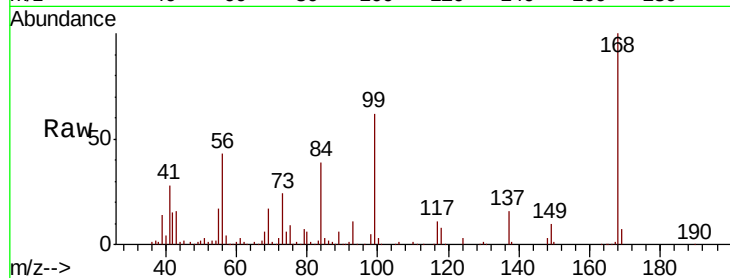
Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

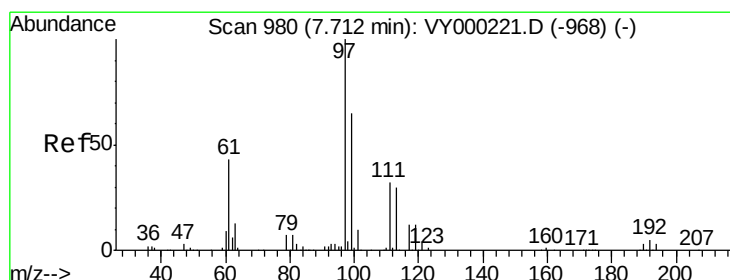
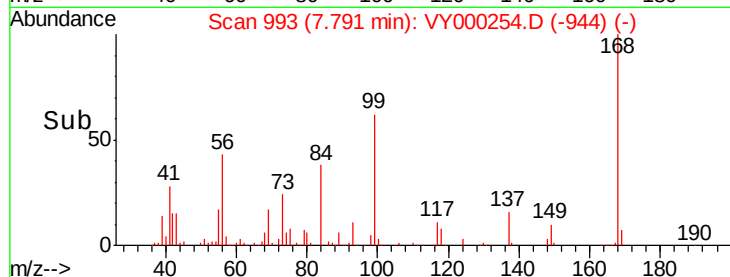
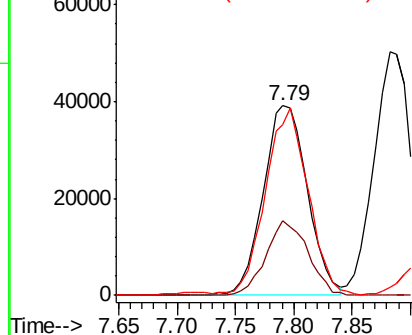
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 103195

Ion	Ratio	Lower	Upper
56	100		
69	39.5	24.7	37.1#
84	89.1	71.3	106.9



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: 18.829 ug/l

RT: 7.71 min Scan# 980

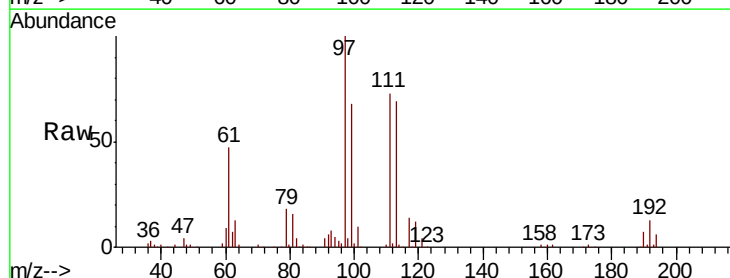
Delta R.T. 0.00 min

Lab File: VY000254.D

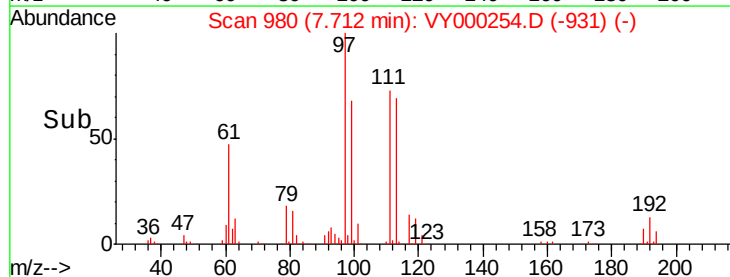
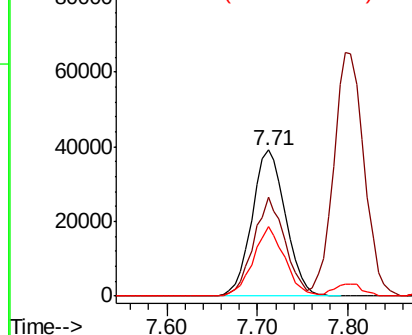
Acq: 10 Oct 2019 15:38

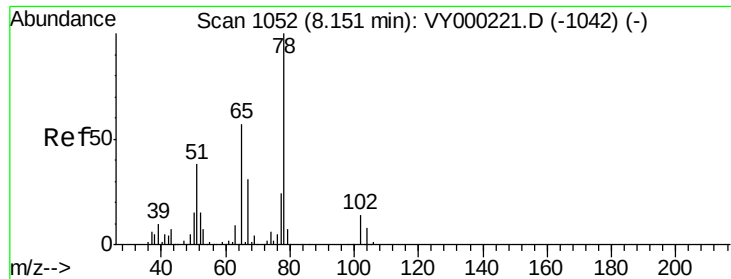
Tgt Ion: 97 Resp: 100549

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	44.2	34.2	51.4



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

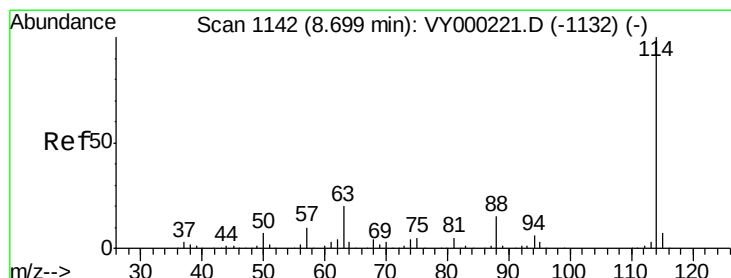
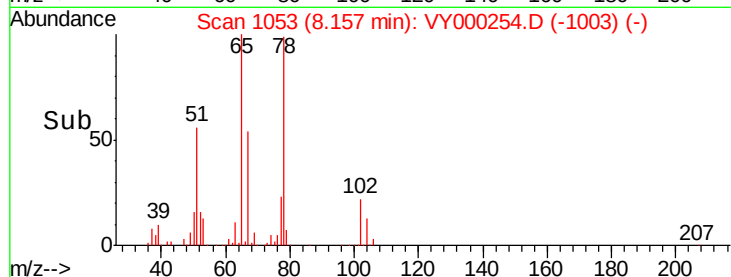
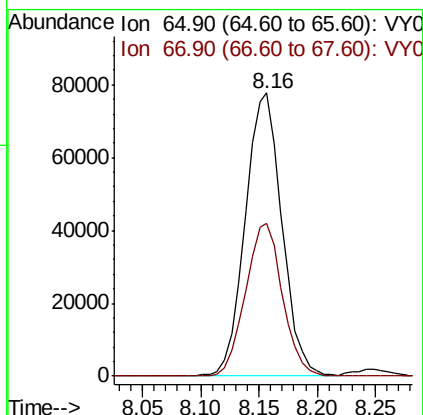
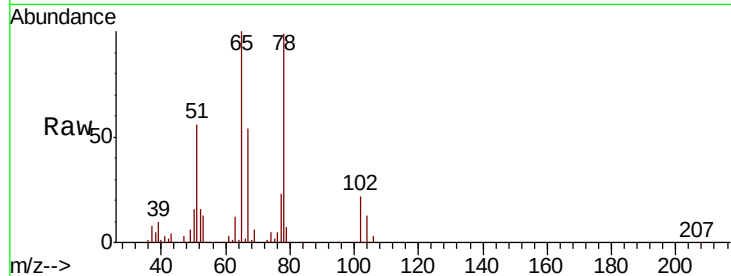




#33
 1,2-Dichloroethane-d4
 Concen: 48.073 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

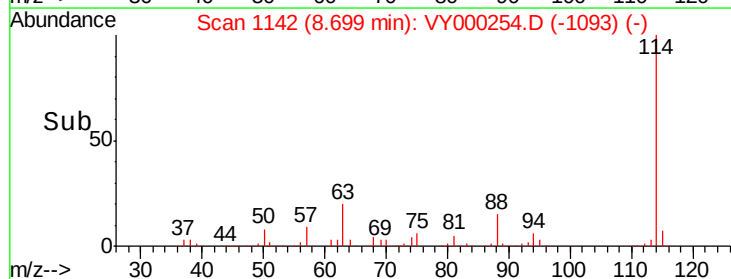
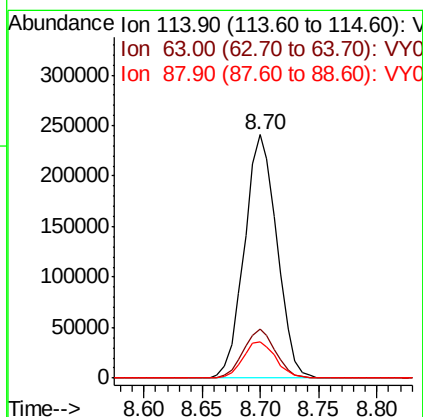
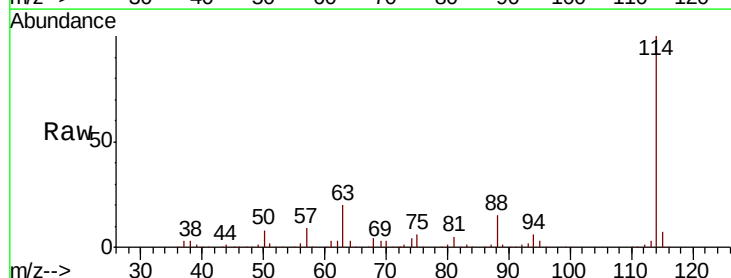
Instrument :
 MSVOA_Y
 ClientSampleId :

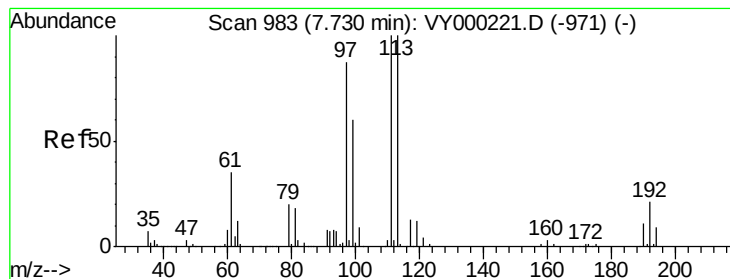
Tot Ion: 65 Resp: 170921
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Tgt Ion: 114 Resp: 469089
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.630 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

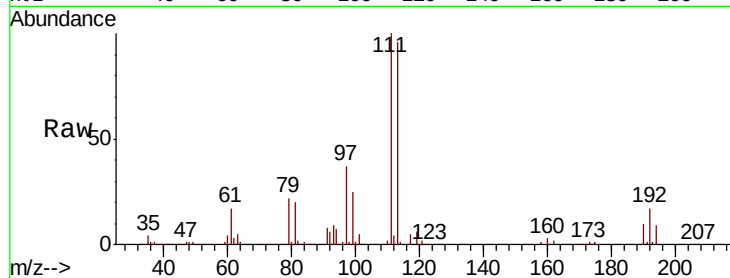
Tot Ion:113 Resp: 136288

Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

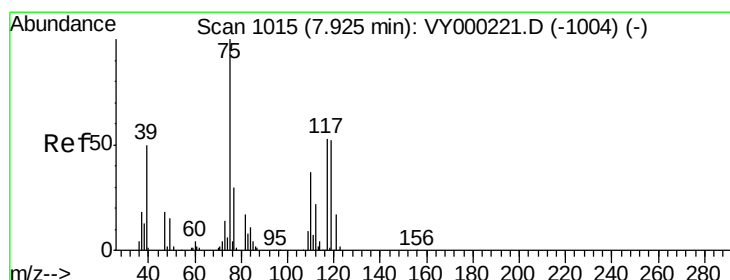
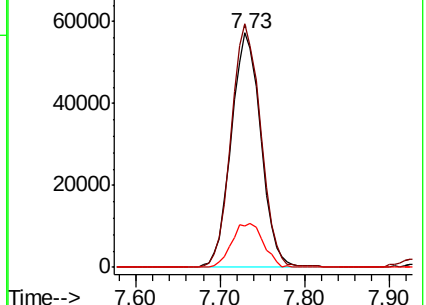
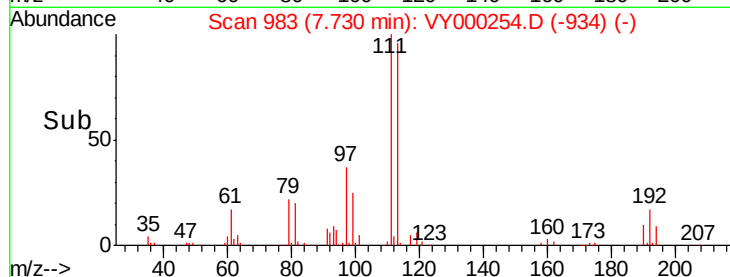
192 20.0 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.747 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

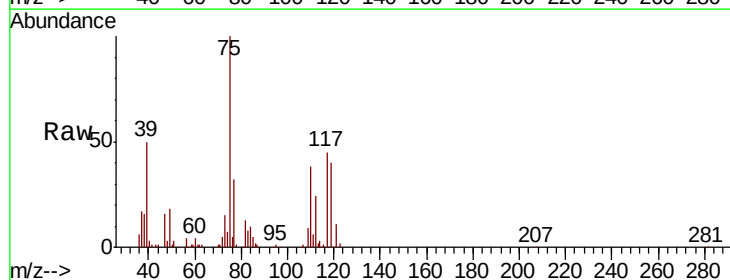
Tgt Ion: 75 Resp: 84706

Ion Ratio Lower Upper

75 100

110 35.2 18.4 55.2

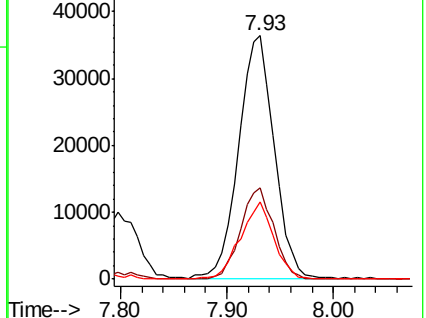
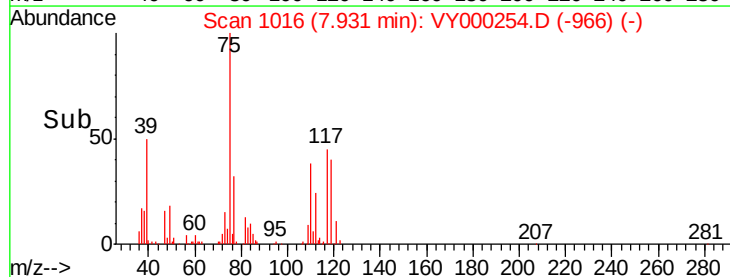
77 30.1 24.7 37.1

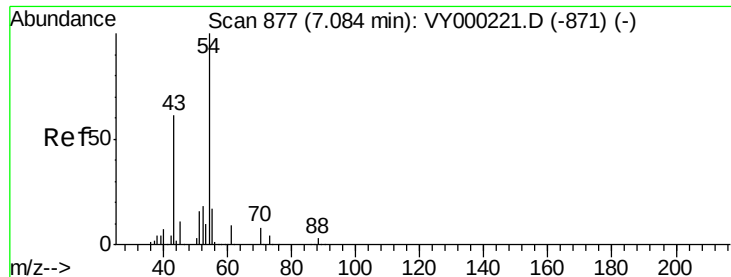


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

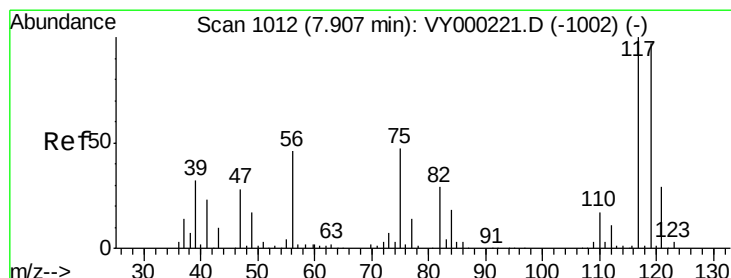
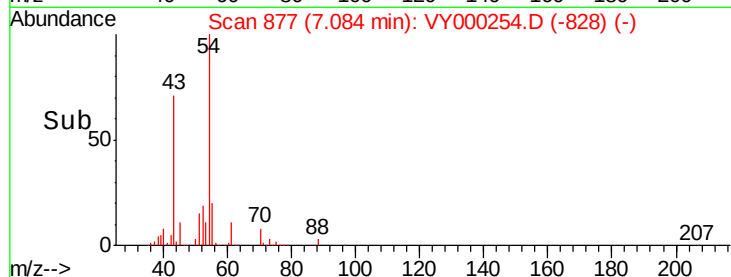
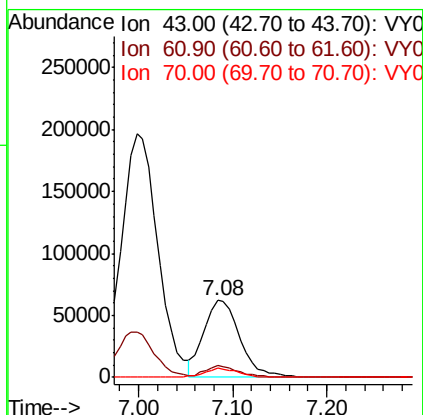
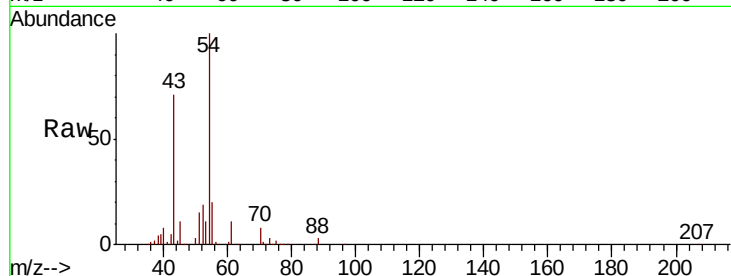




#37
Ethyl Acetate
Concen: 19.206 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

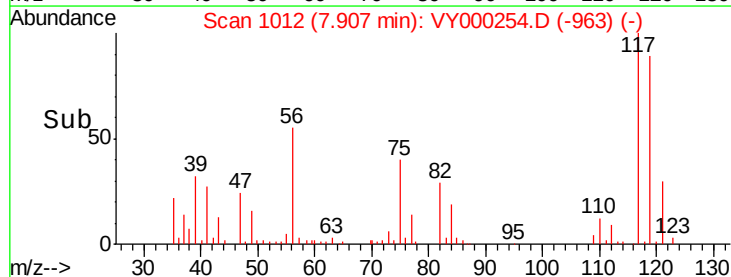
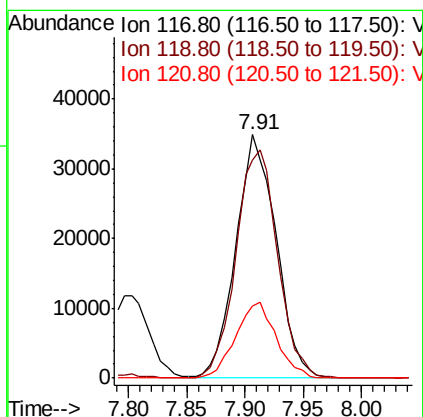
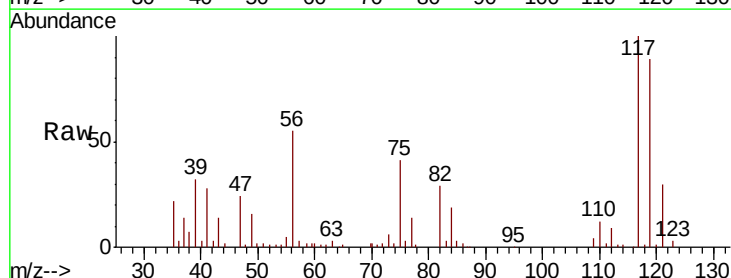
Instrument :
MSVOA_Y
ClientSampled :

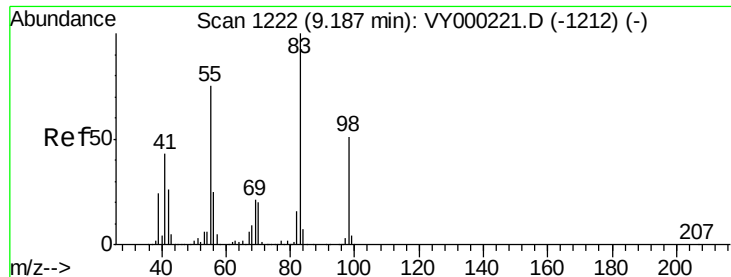
Tot Ion: 43 Resp: 165722
Ion Ratio Lower Upper
43 100
61 13.2 11.1 16.7
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 18.111 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 117 Resp: 84250
Ion Ratio Lower Upper
117 100
119 89.4 77.2 115.8
121 29.8 23.1 34.7

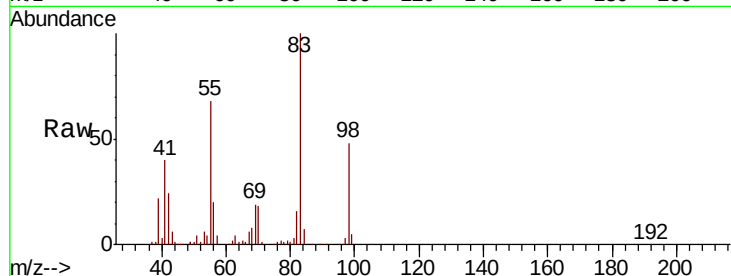




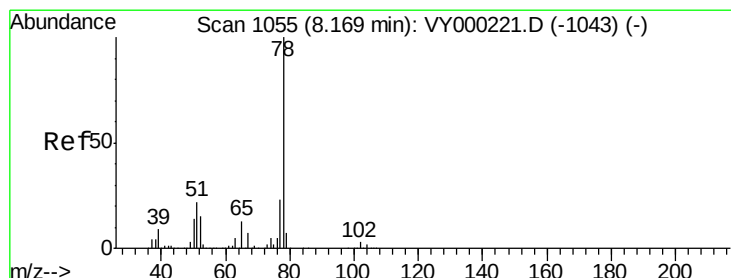
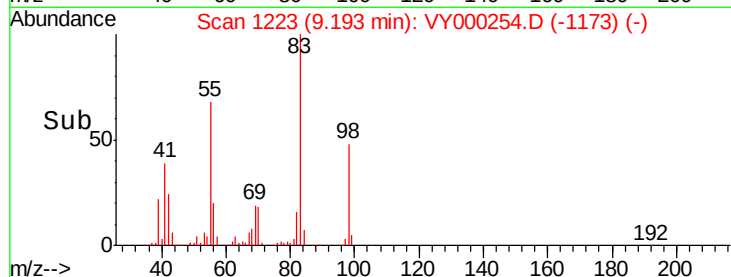
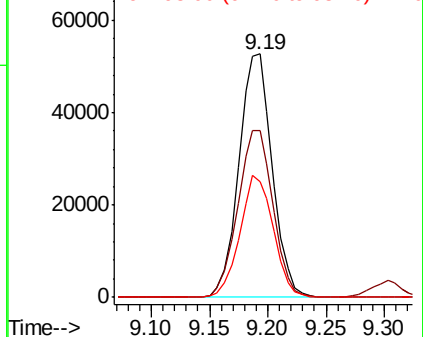
#39
Methylvlcyclohexane
Concen: 17.581 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	60.2	90.4
98	47.7	40.5	60.7

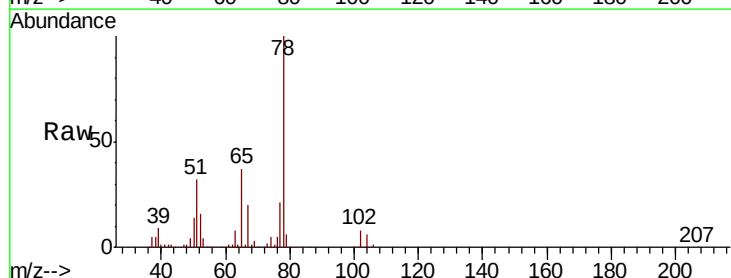


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

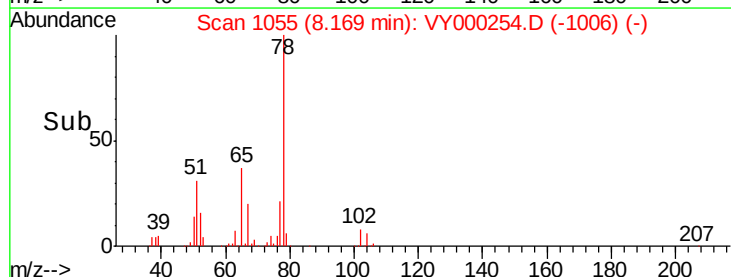
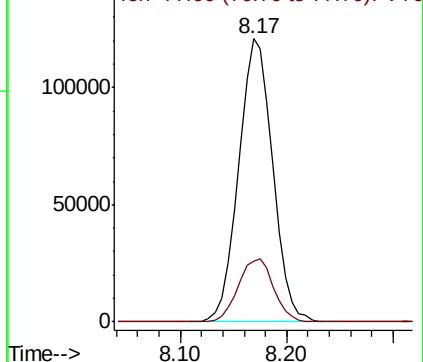


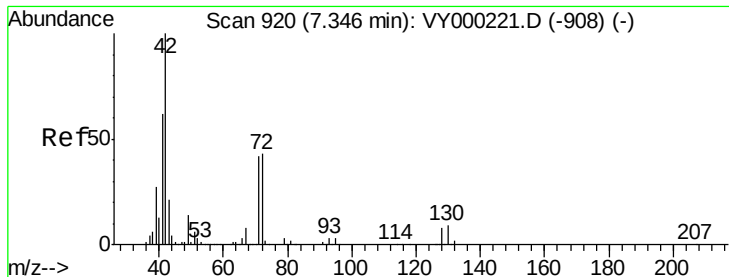
#40
Benzene
Concen: 18.720 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.3	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: 40.202 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

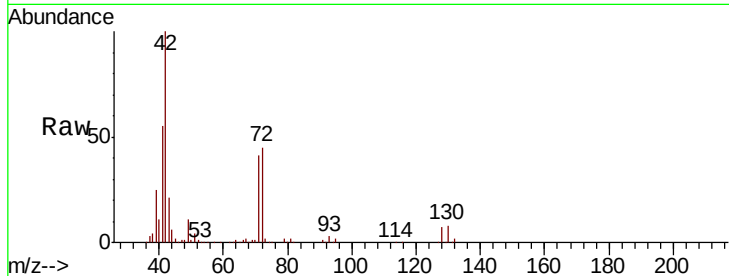
Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 273033

Ion	Ratio	Lower	Upper
41	100		
39	47.2	74.7	112.1#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



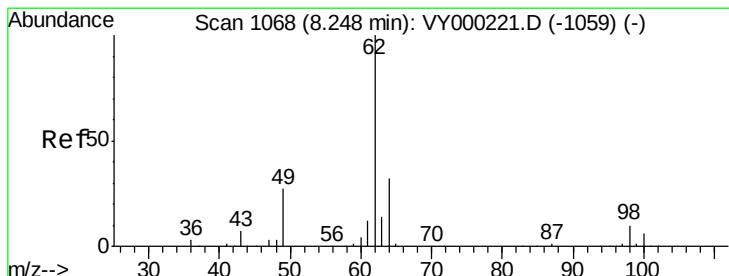
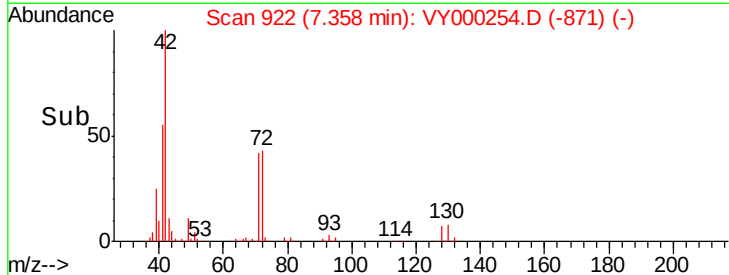
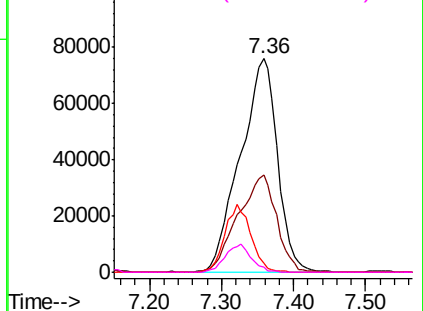
Abundance

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.377 ug/l

RT: 8.25 min Scan# 1068

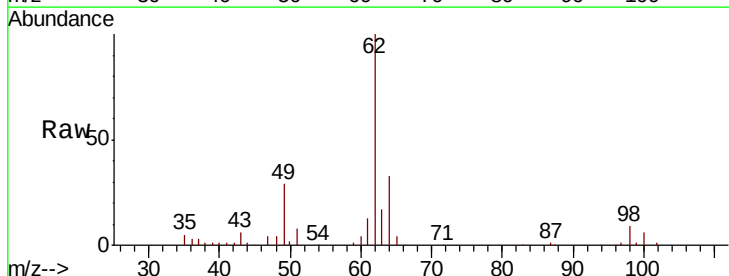
Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion: 62 Resp: 95828

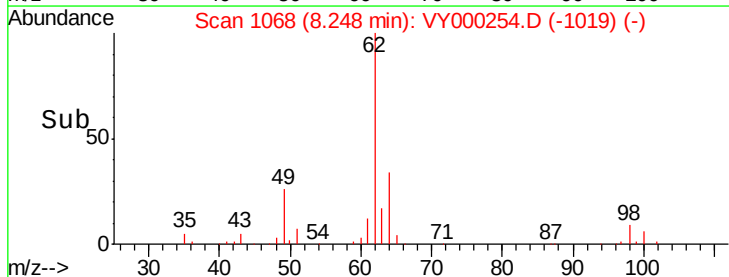
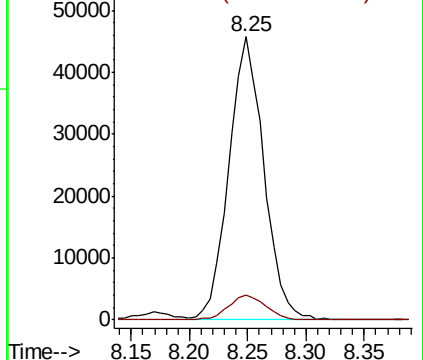
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.0

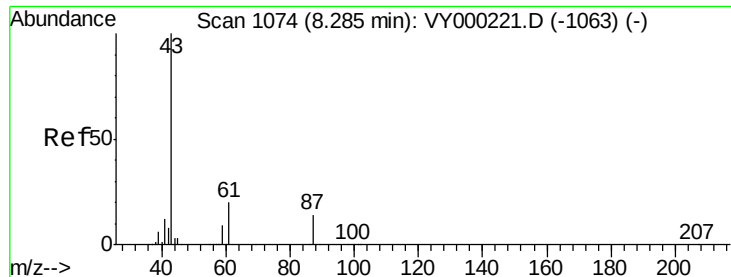


Abundance

Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.000 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

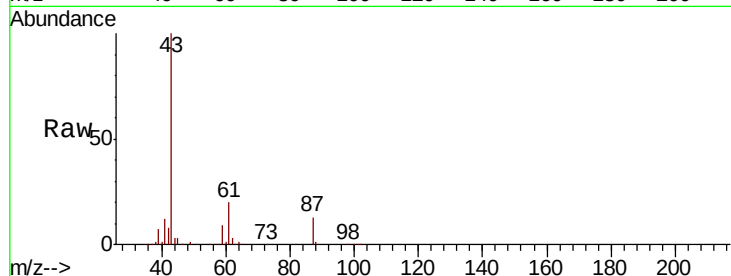
Tot Ion: 43 Resp: 222122

Ion Ratio Lower Upper

43 100

61 24.2 20.1 30.1

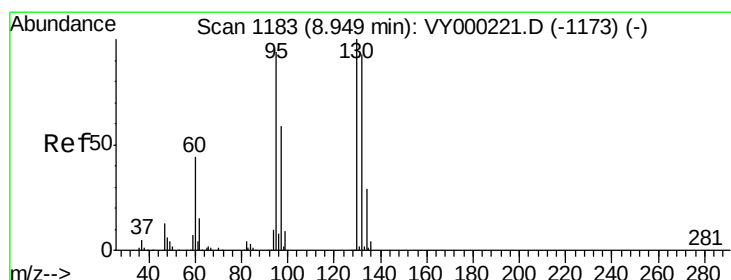
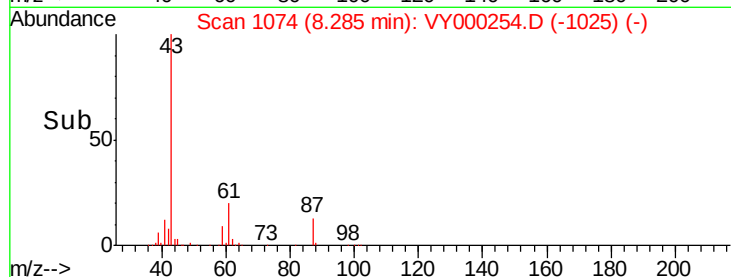
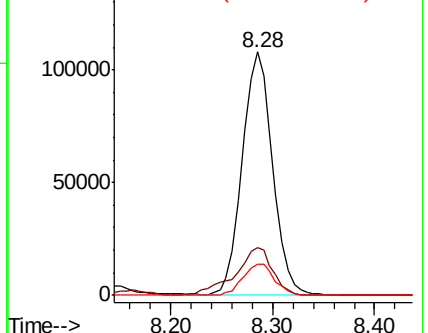
87 13.5 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000254.D (-1025) (-)

Ion 61.00 (60.70 to 61.70): VY000254.D (-1025) (-)

Ion 87.00 (86.70 to 87.70): VY000254.D (-1025) (-)



#44

Trichloroethene

Concen: 19.035 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000254.D

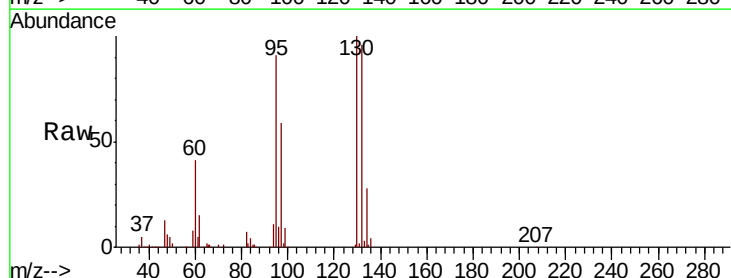
Acq: 10 Oct 2019 15:38

Tgt Ion:130 Resp: 74736

Ion Ratio Lower Upper

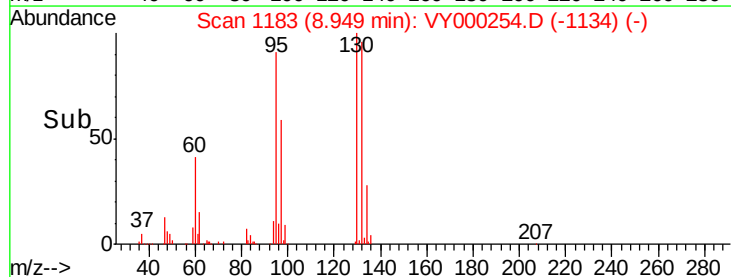
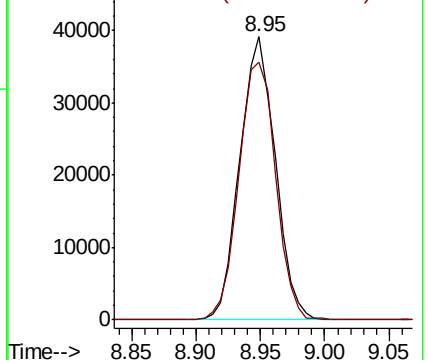
130 100

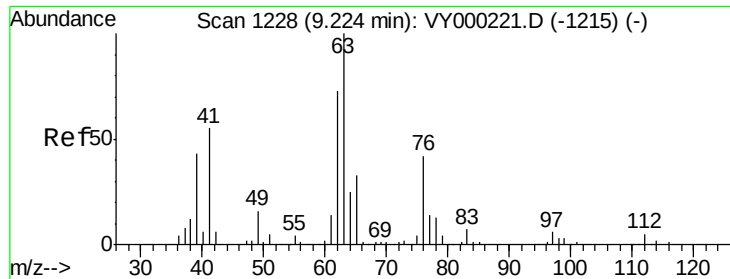
95 90.9 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VY000254.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY000254.D (-1134) (-)





#45

1,2-Dichloropropane

Concen: 19.183 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

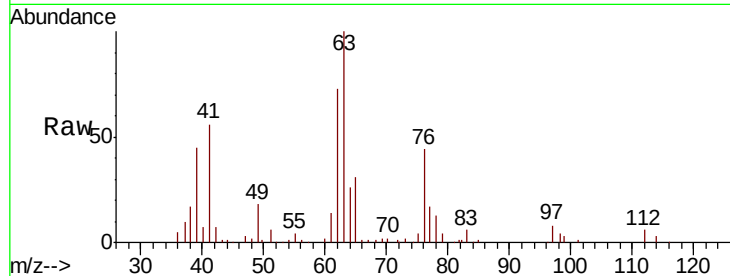
ClientSampled :

Tot Ion: 63 Resp: 69569

Ion Ratio Lower Upper

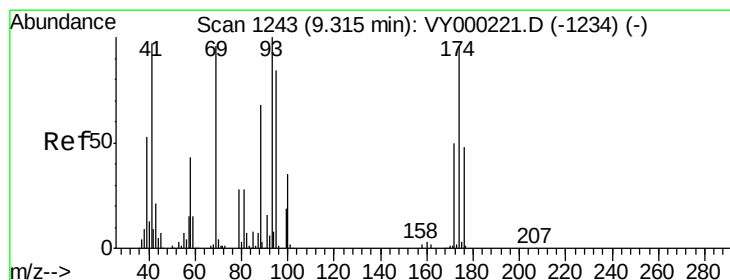
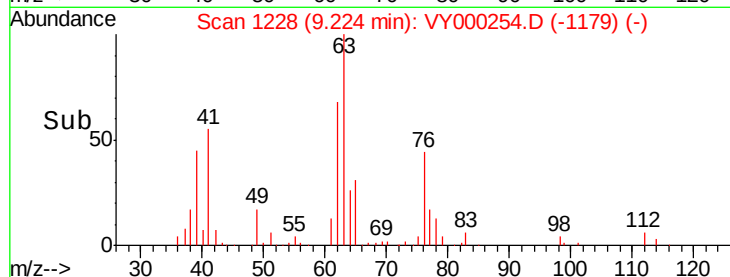
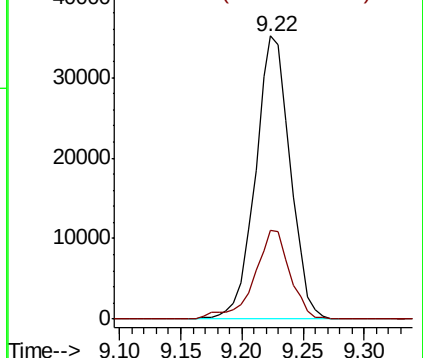
63 100

65 31.2 26.6 39.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 19.001 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

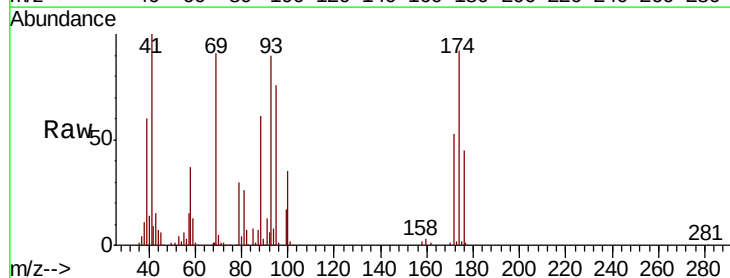
Tgt Ion: 93 Resp: 48309

Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

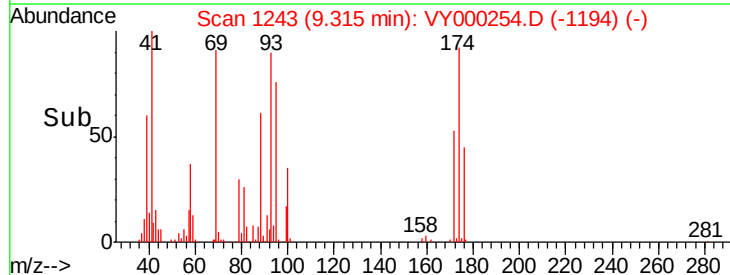
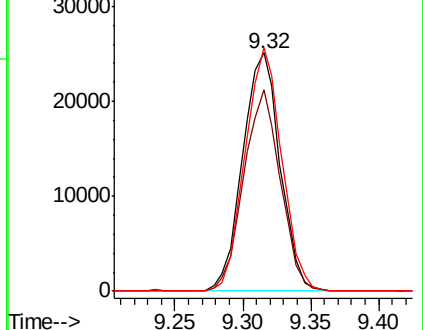
174 100.5 77.5 116.3

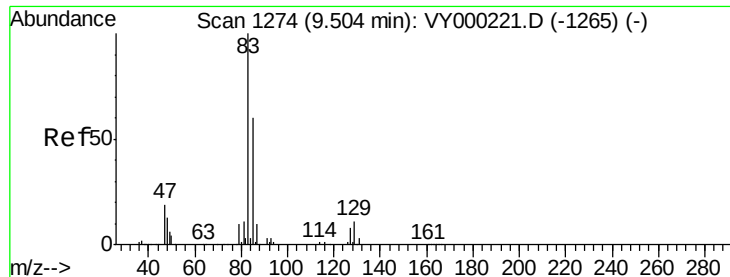


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.164 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :

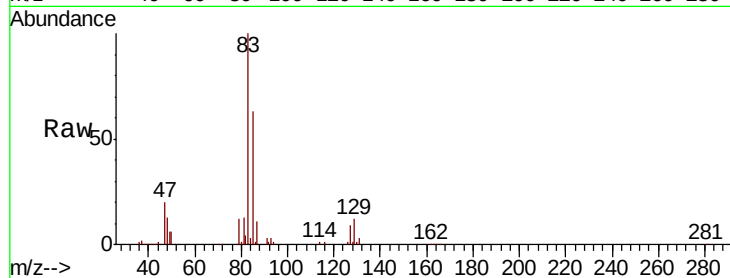
Tot Ion: 83 Resp: 95307

Ion Ratio Lower Upper

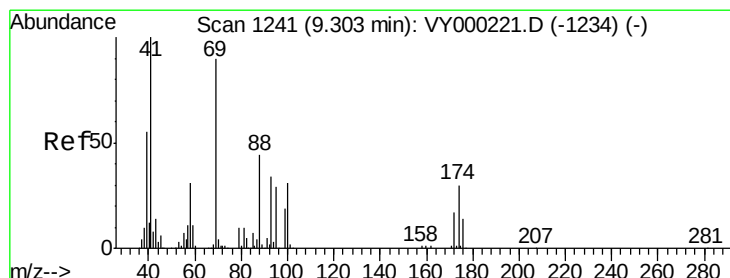
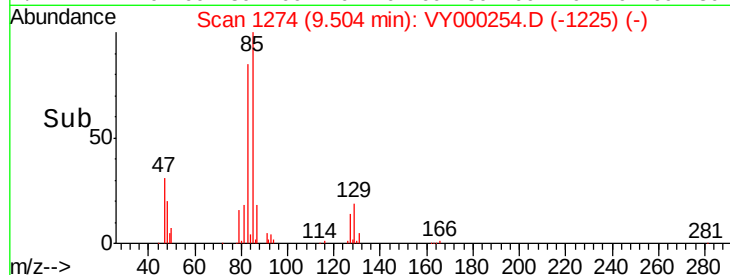
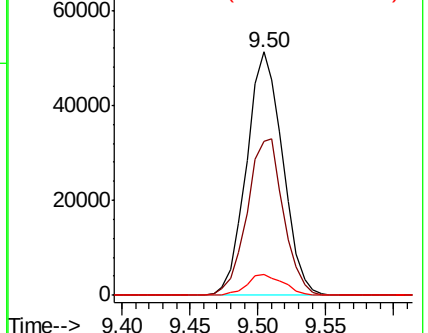
83 100

85 63.1 48.0 72.0

127 8.6 6.5 9.7



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: 19.689 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

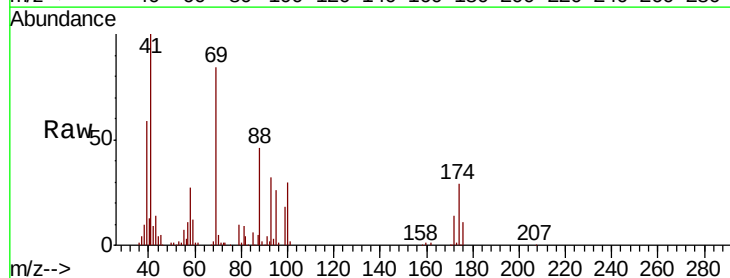
Tgt Ion: 41 Resp: 98701

Ion Ratio Lower Upper

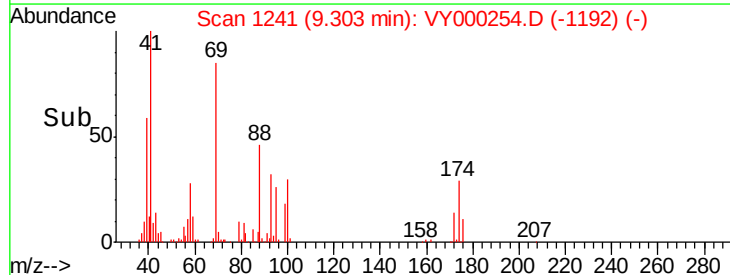
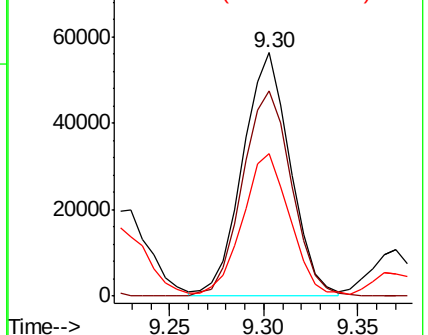
41 100

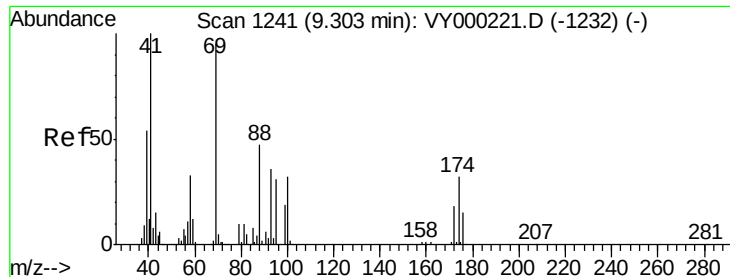
69 86.6 70.3 105.5

39 58.6 45.5 68.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 399.787 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

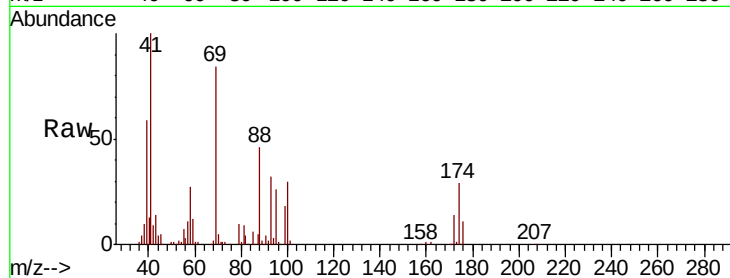
Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 51447

Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.5	36.7
58	62.1	54.2	81.2



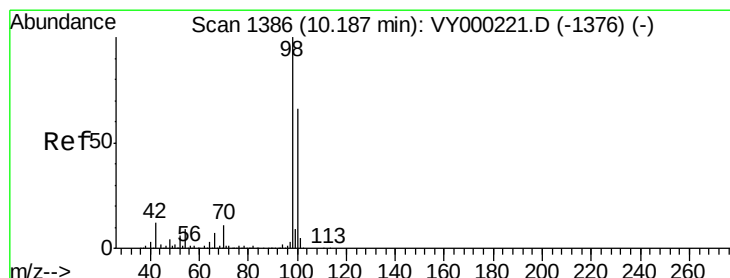
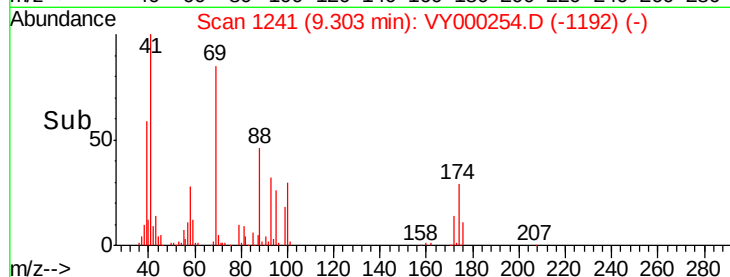
Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

Time-->



#50

Toluene-d8

Concen: 43.795 ug/l

RT: 10.19 min Scan# 1386

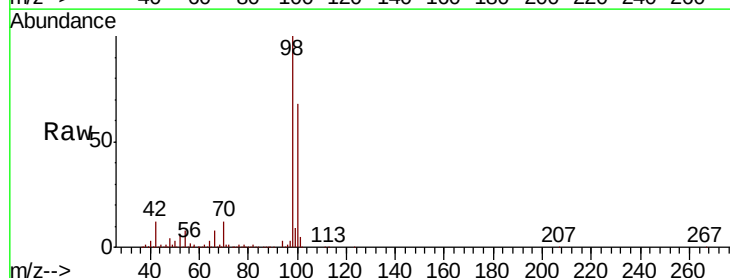
Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion: 98 Resp: 502821

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6

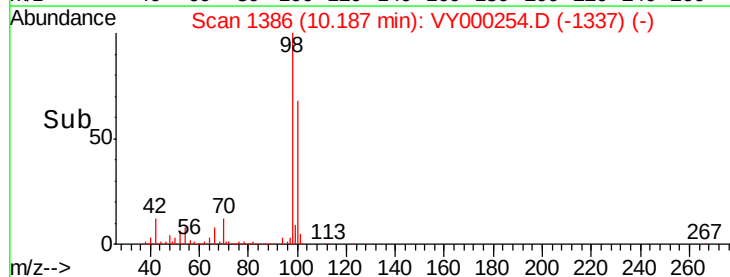


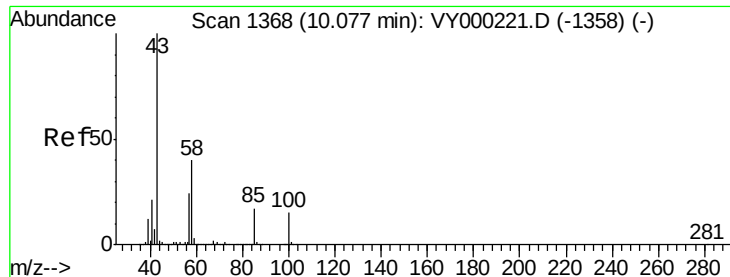
Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

Time-->

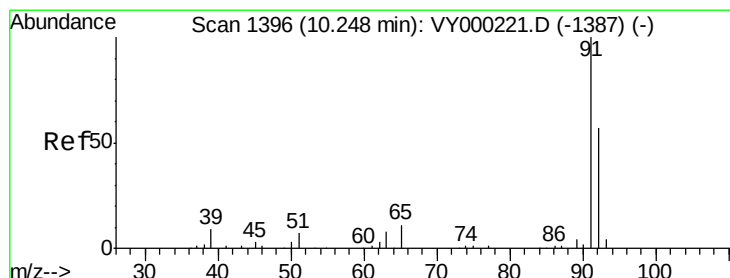
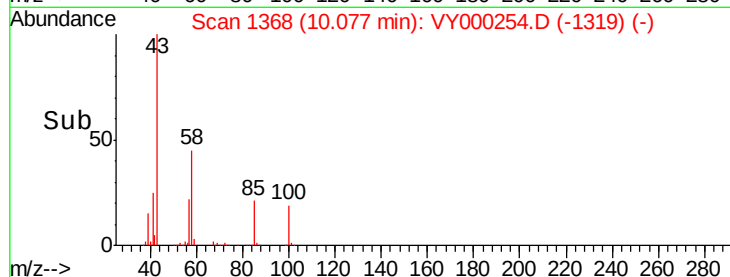
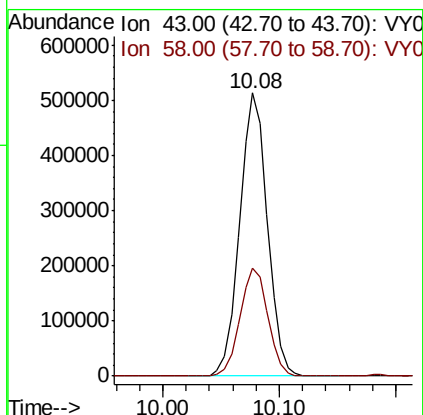
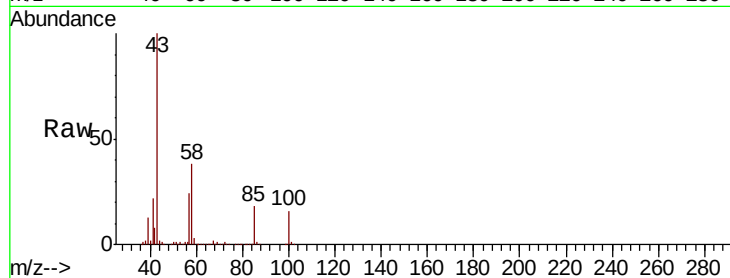




#51
4-Methyl-2-Pentanone
Concen: 101.857 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

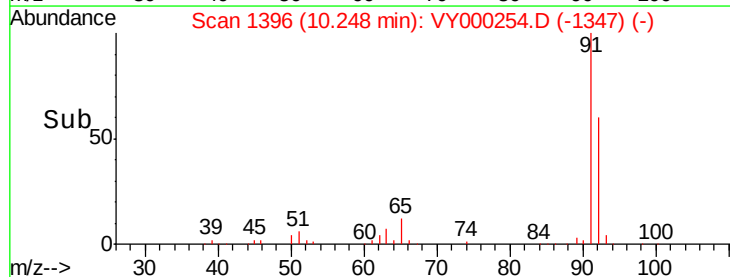
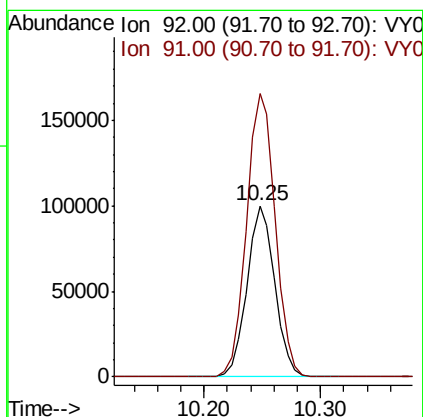
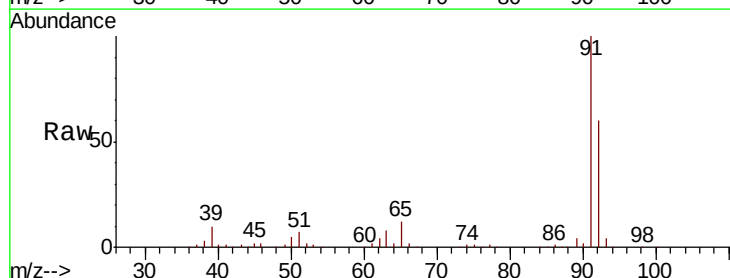
Instrument :
MSVOA_Y
ClientSampleId :

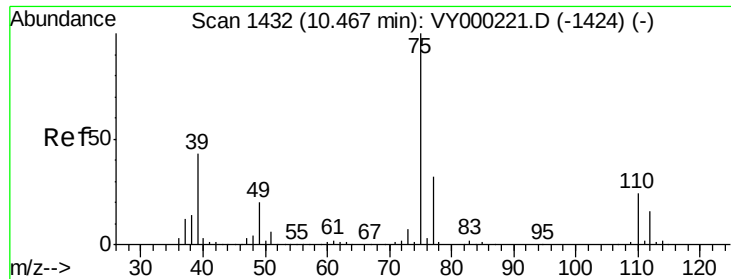
Tot Ion: 43 Resp: 850178
Ion Ratio Lower Upper
43 100
58 38.7 31.7 47.5



#52
Toluene
Concen: 17.918 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 92 Resp: 166396
Ion Ratio Lower Upper
92 100
91 170.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.833 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

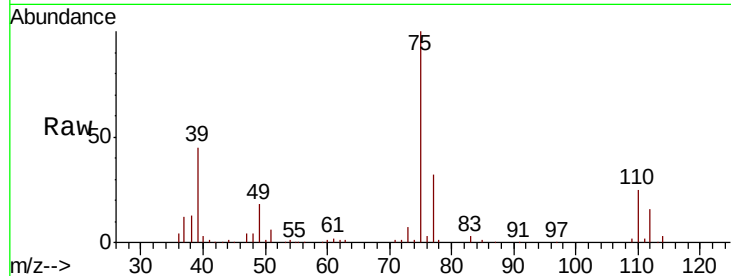
ClientSampleId :

Tot Ion: 75 Resp: 106259

Ion Ratio Lower Upper

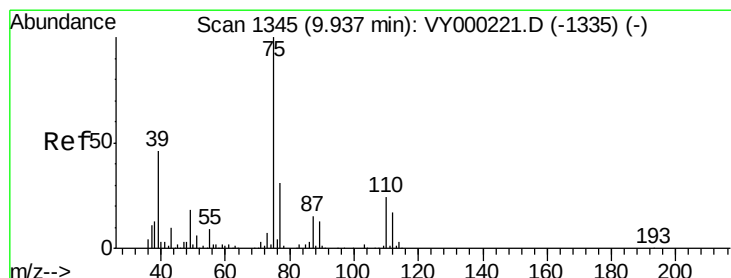
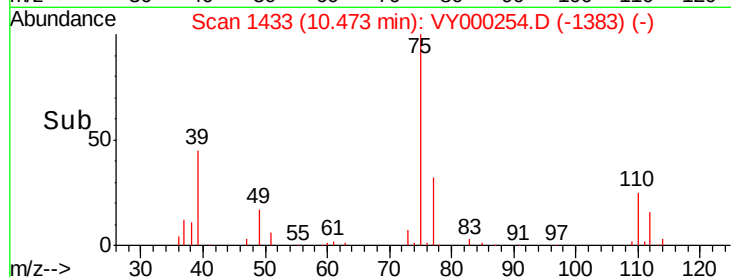
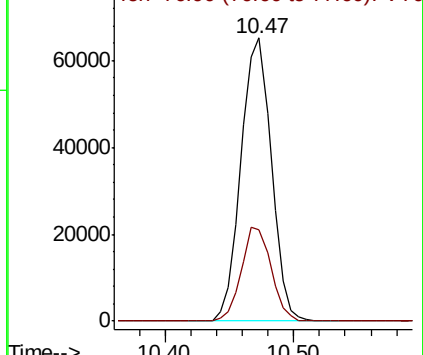
75 100

77 32.4 25.3 37.9



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: 18.591 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

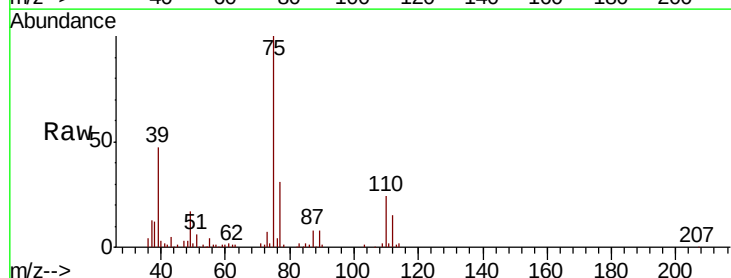
Tgt Ion: 75 Resp: 113498

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

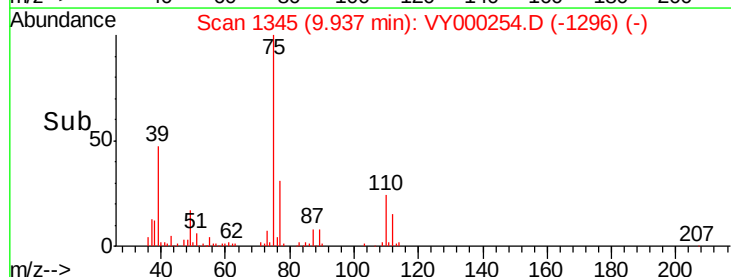
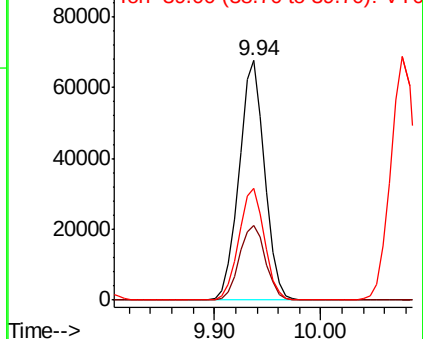
39 46.4 36.3 54.5

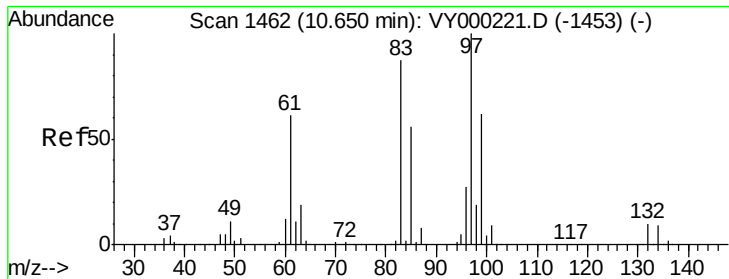


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

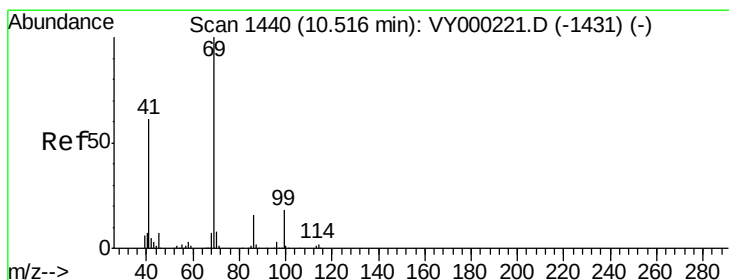
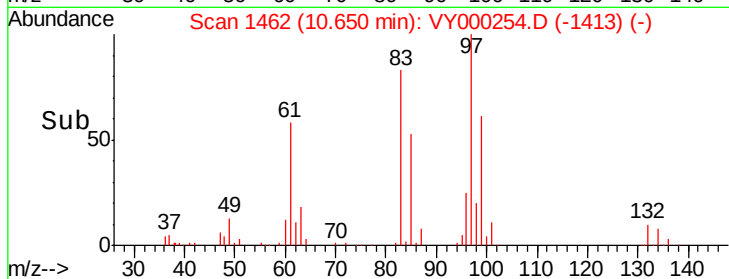
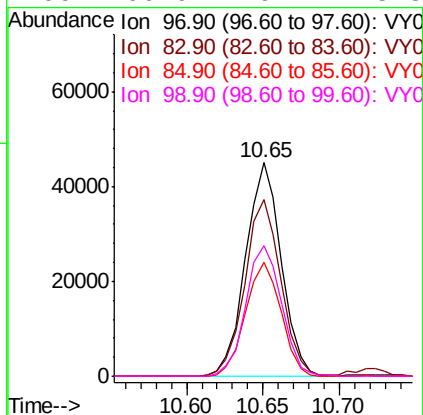
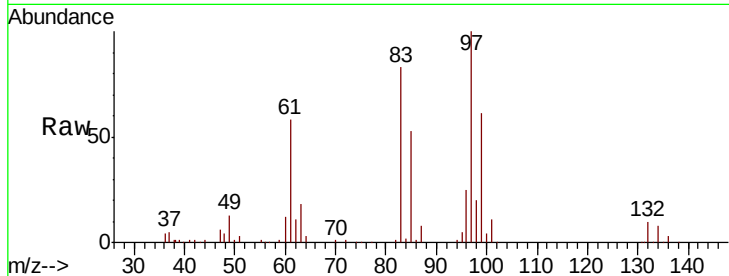




#55
 1,1,2-Trichloroethane
 Concen: 19.912 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

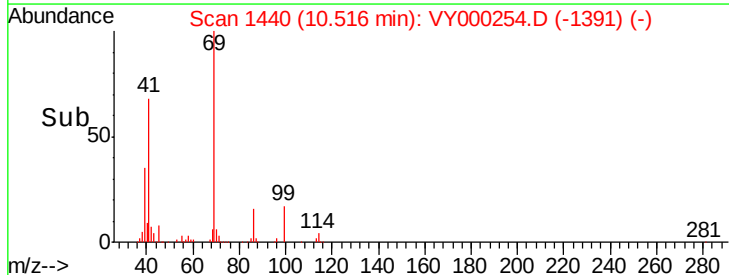
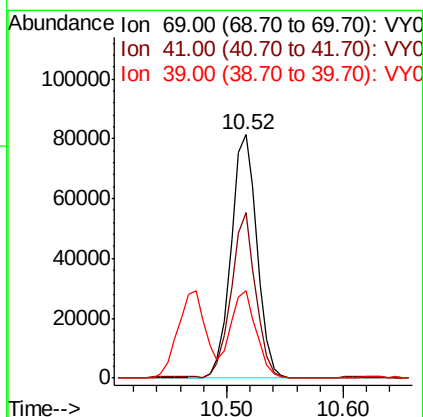
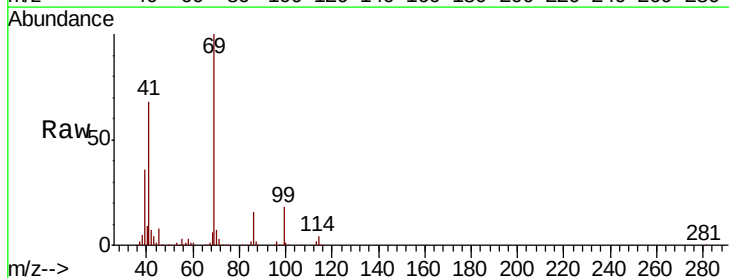
Instrument :
 MSVOA_Y
 ClientSampleId :

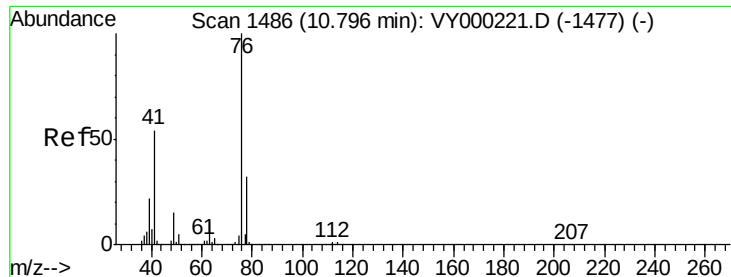
Tot Ion: 97 Resp: 72911
 Ion Ratio Lower Upper
 97 100
 83 82.8 69.4 104.0
 85 53.1 44.6 66.8
 99 60.9 49.2 73.8



#56
 Ethyl methacrylate
 Concen: 19.515 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Tgt Ion: 69 Resp: 125807
 Ion Ratio Lower Upper
 69 100
 41 64.2 51.2 76.8
 39 35.7 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.609 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

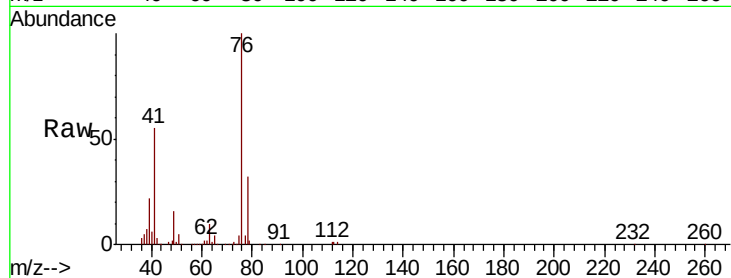
ClientSampleId :

Tot Ion: 76 Resp: 122600

Ion Ratio Lower Upper

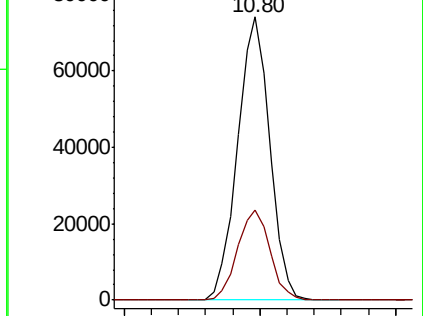
76 100

78 32.1 26.0 39.0

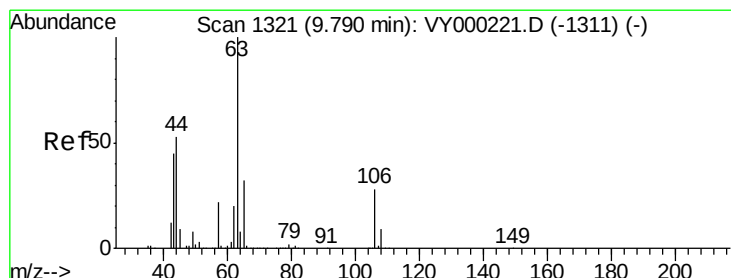
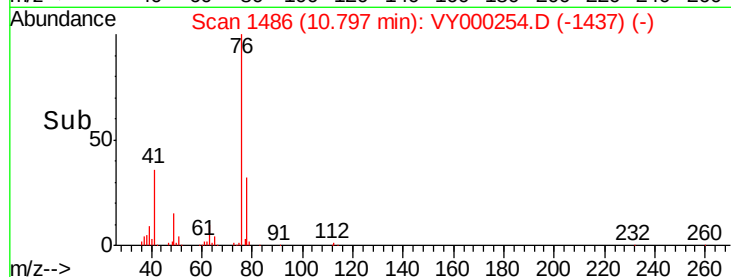


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 120.175 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000254.D

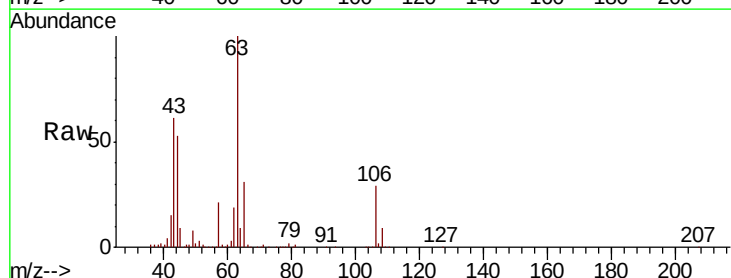
Acq: 10 Oct 2019 15:38

Tgt Ion: 63 Resp: 345322

Ion Ratio Lower Upper

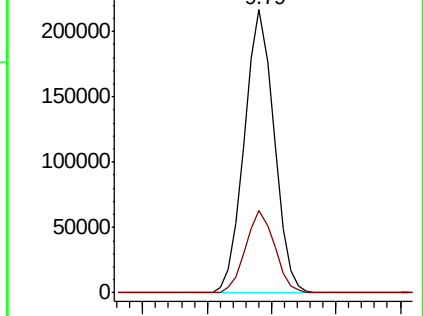
63 100

106 28.7 22.6 33.8

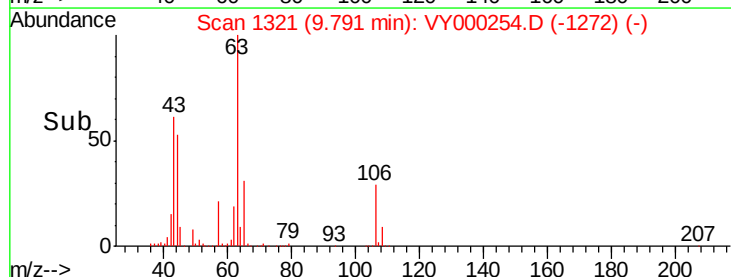


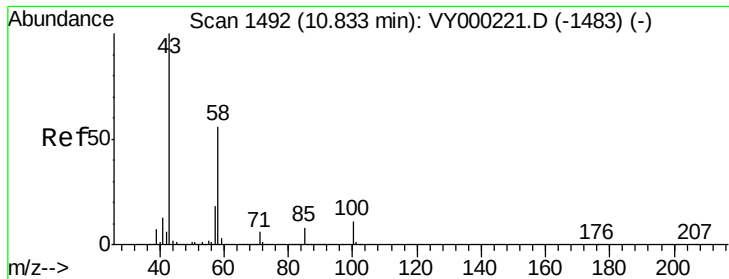
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

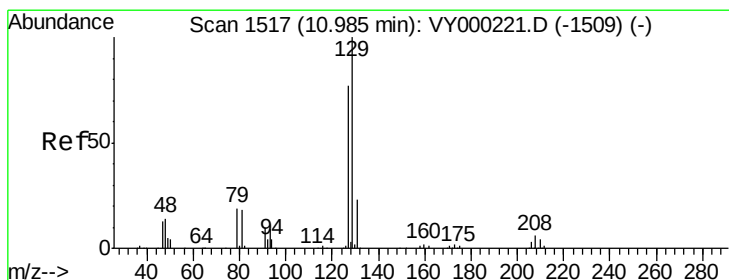
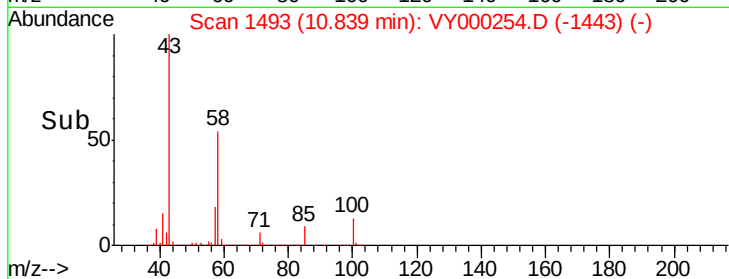
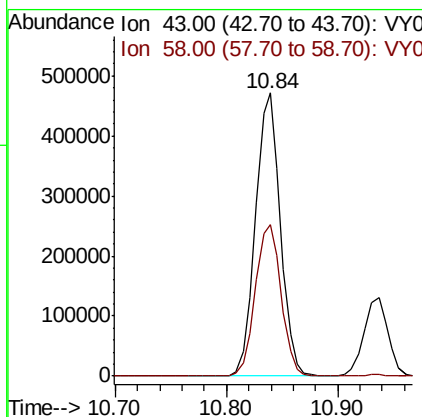
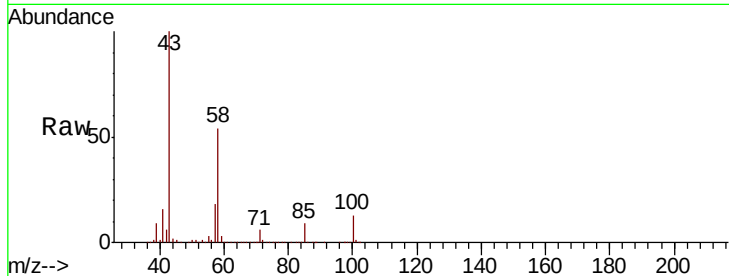




#59
2-Hexanone
Concen: 95.031 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

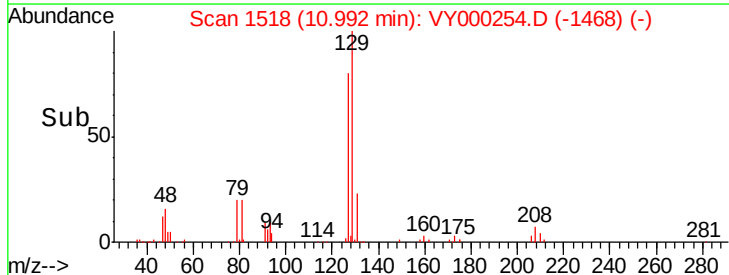
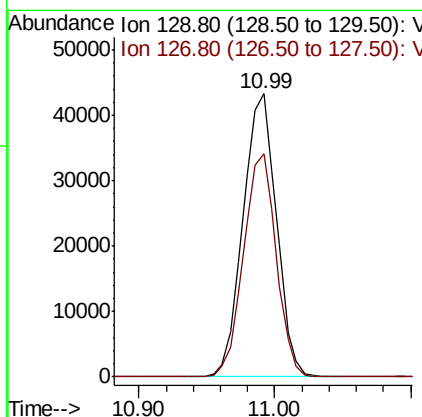
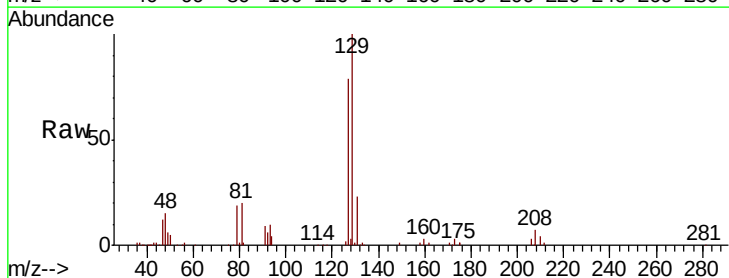
Instrument :
MSVOA_Y
ClientSampled :

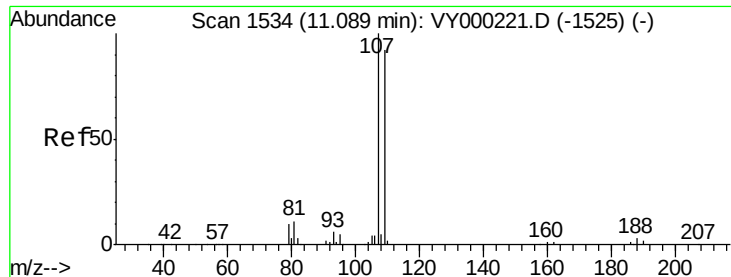
Tot Ion: 43 Resp: 734571
Ion Ratio Lower Upper
43 100
58 55.5 28.2 84.6



#60
Dibromochloromethane
Concen: 19.222 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 129 Resp: 74417
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2

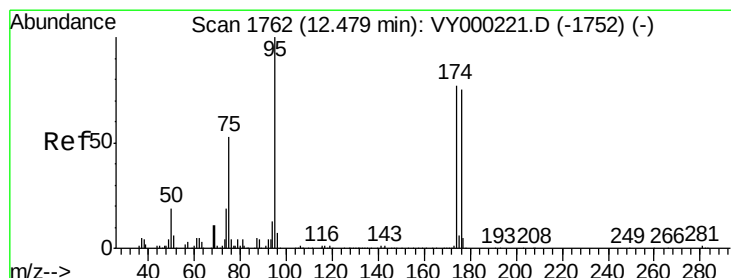
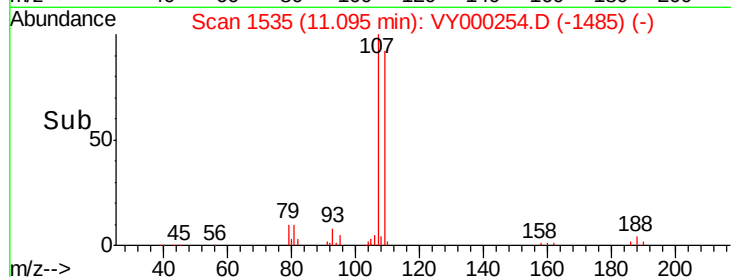
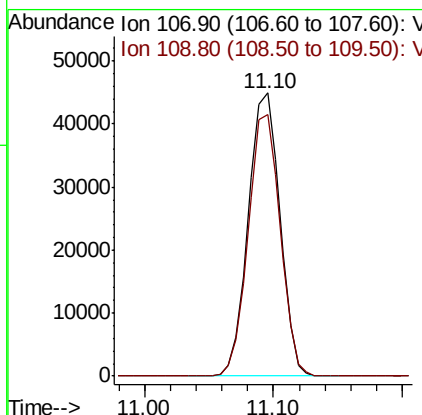
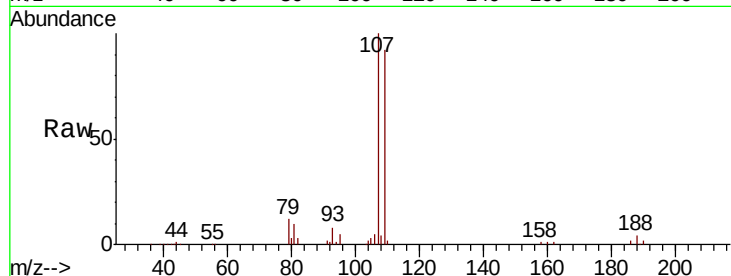




#61
 1,2-Dibromoethane
 Concen: 19.545 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

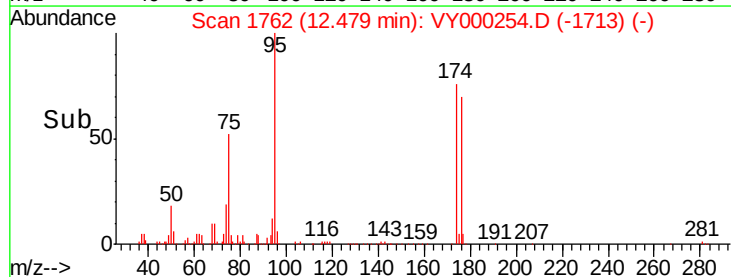
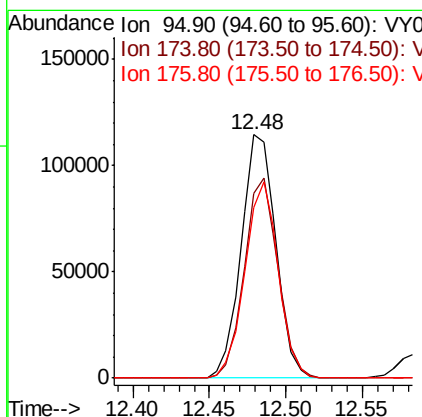
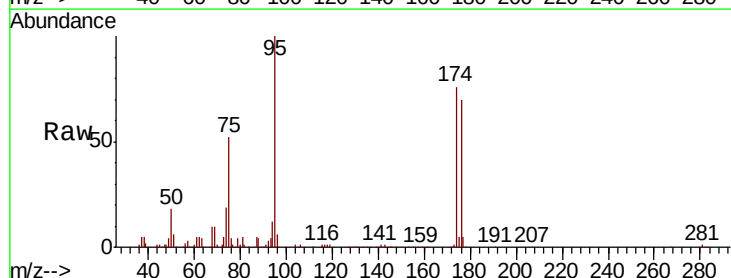
Instrument :
 MSVOA_Y
 ClientSampled :

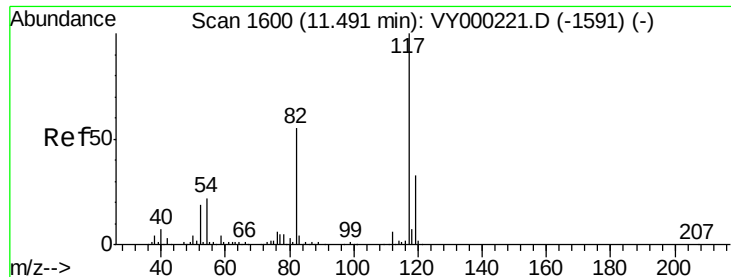
Tot Ion: 107 Resp: 76019
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 44.254 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000254.D
 Acq: 10 Oct 2019 15:38

Tgt Ion: 95 Resp: 179324
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 157.0
 176 78.2 0.0 153.0

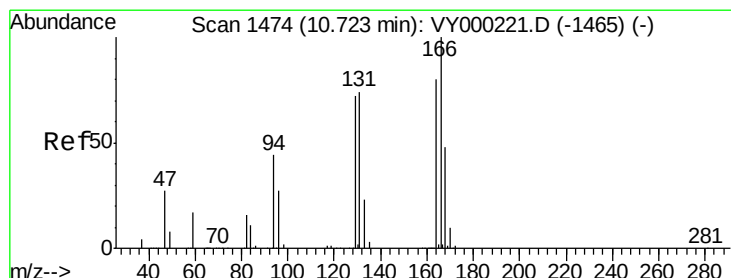
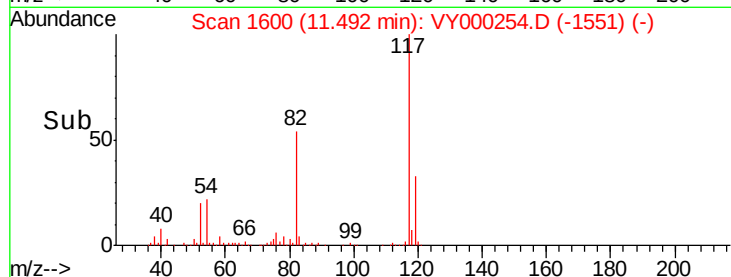
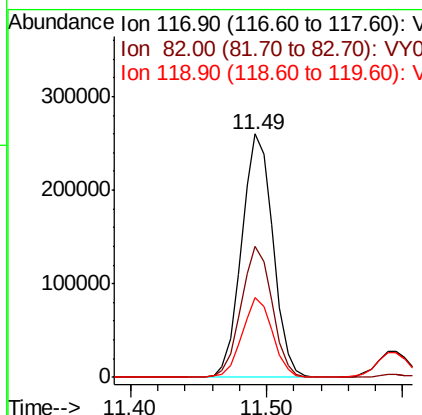
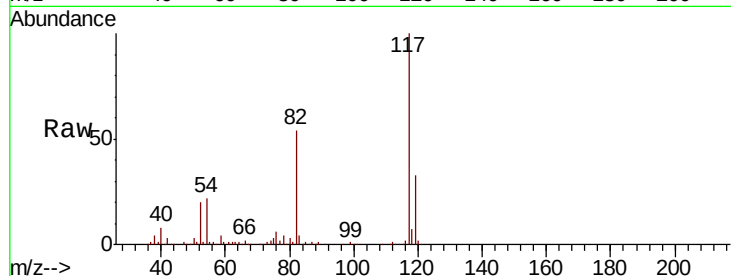




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

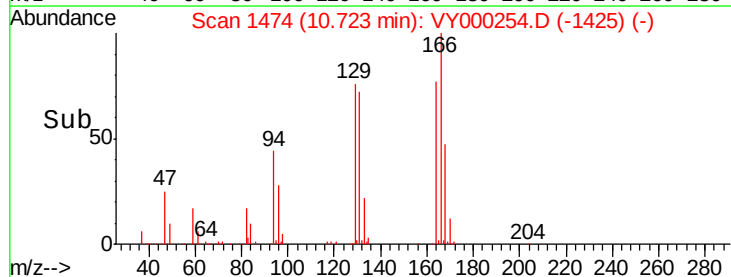
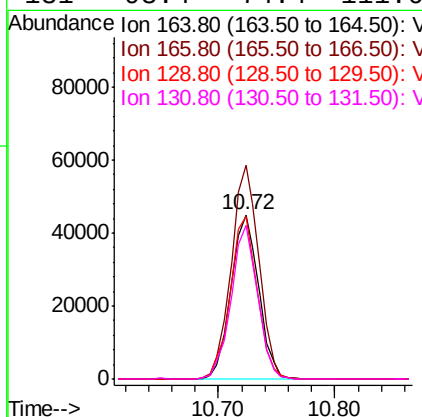
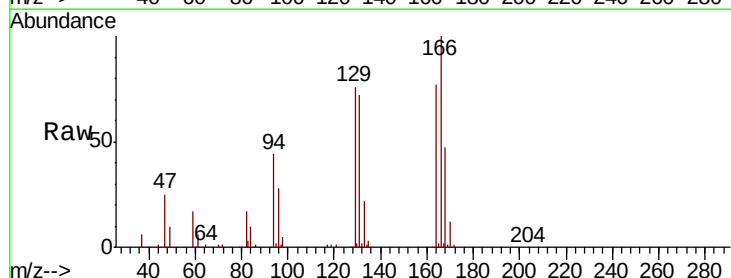
Instrument :
MSVOA_Y
ClientSampleId :

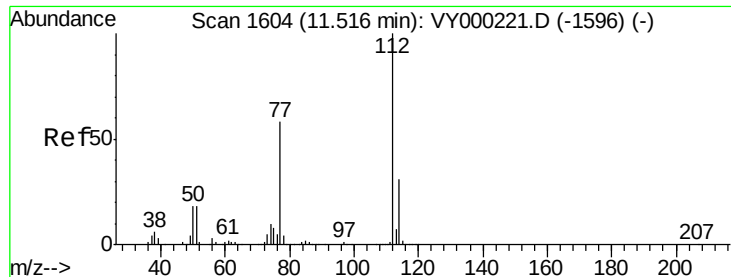
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.4	66.6
119	33.0	26.2	39.2



#64
Tetrachloroethene
Concen: 19.515 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	100.3	150.5
129	99.2	72.4	108.6
131	93.4	74.4	111.6

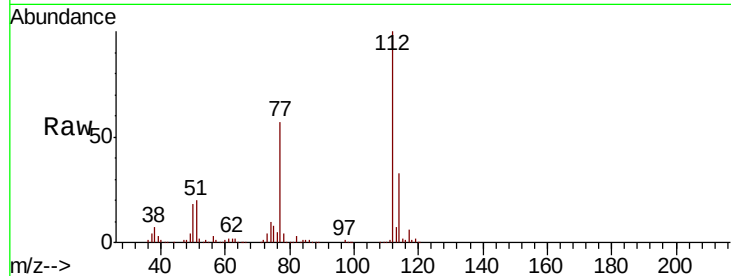




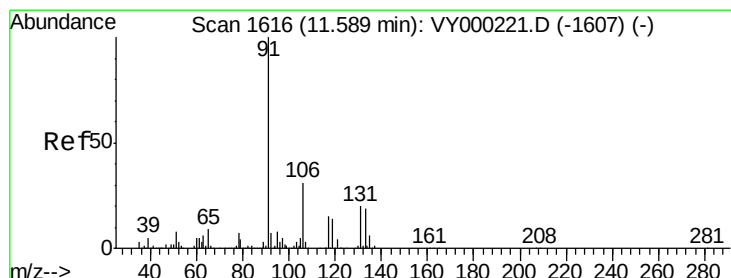
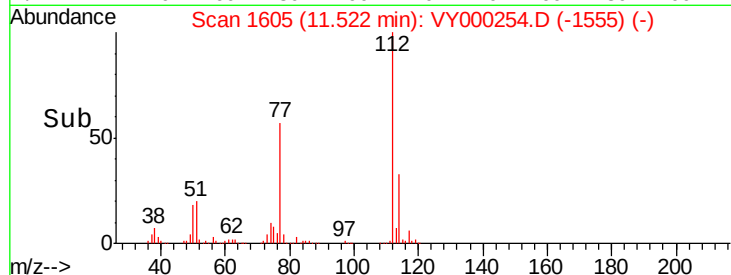
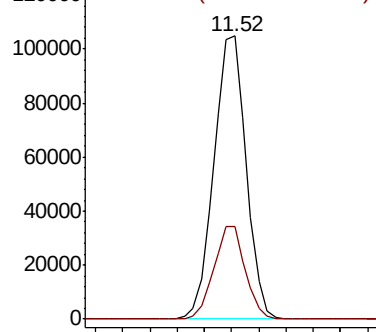
#65
Chlorobenzene
Concen: 17.928 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:112 Resp: 173650
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

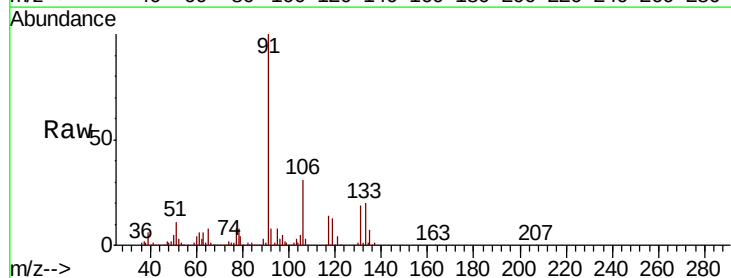


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

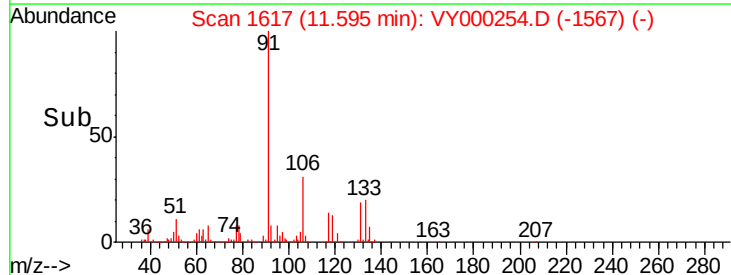
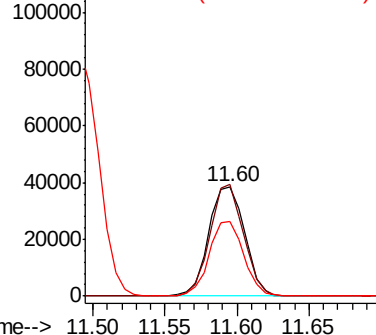


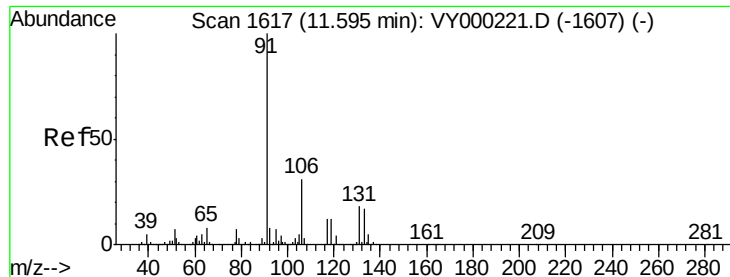
#66
1,1,1,2-Tetrachloroethane
Concen: 19.220 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion:131 Resp: 66555
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.2
119 65.9 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.945 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

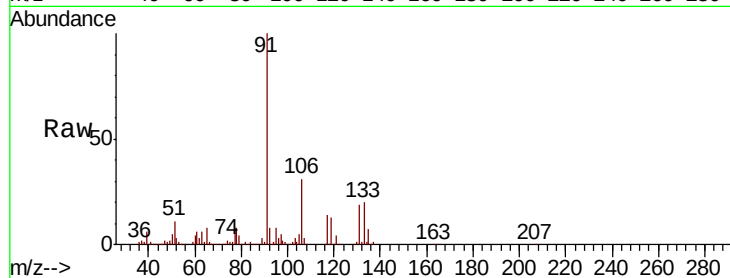
ClientSampled :

Tot Ion: 91 Resp: 310721

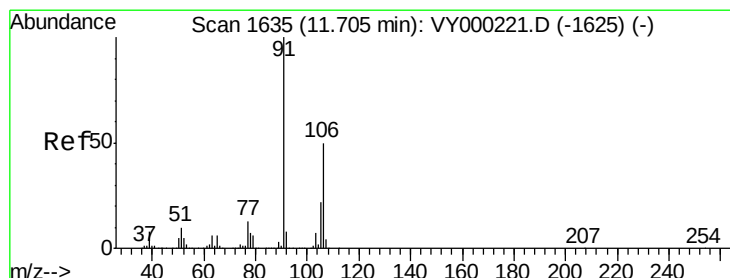
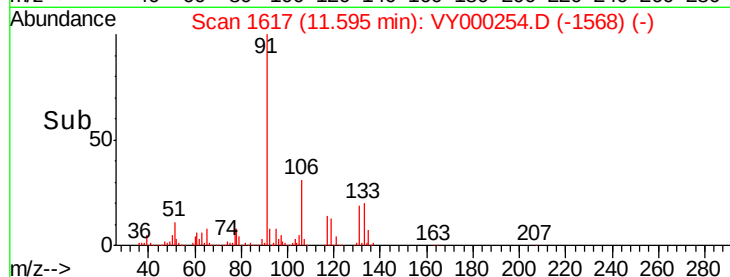
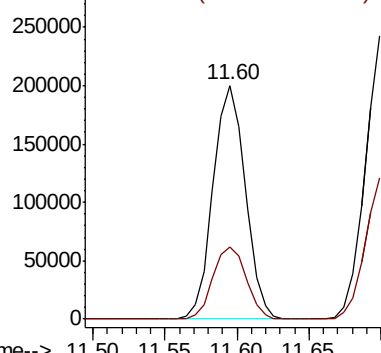
Ion Ratio Lower Upper

91 100

106 31.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1607) (-)



#68

m/p-Xylenes

Concen: 36.219 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000254.D

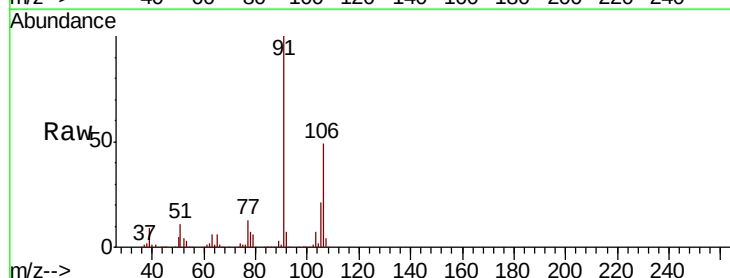
Acq: 10 Oct 2019 15:38

Tgt Ion: 106 Resp: 239296

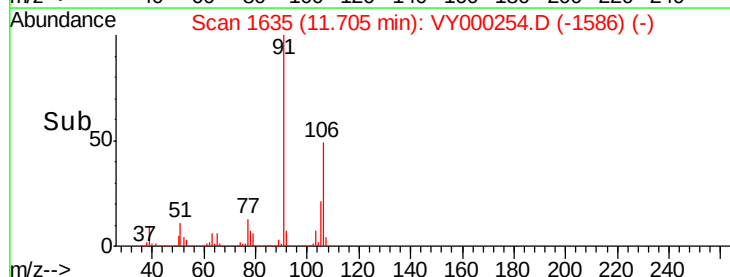
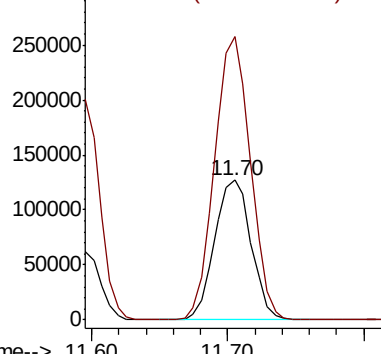
Ion Ratio Lower Upper

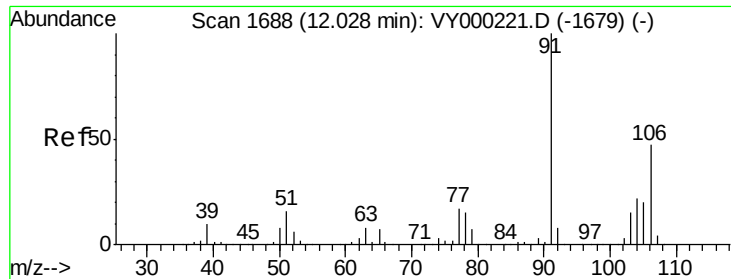
106 100

91 198.2 159.9 239.9



Abundance Ion 106.00 (105.70 to 106.70): VY000221.D (-1625) (-)

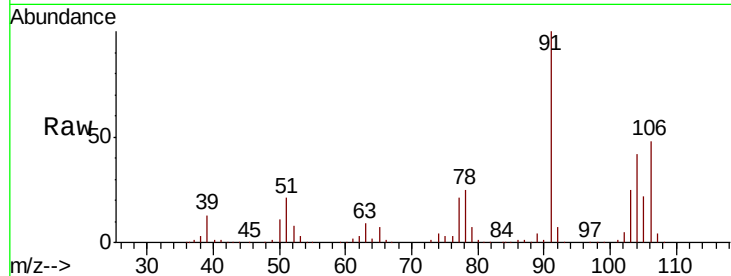




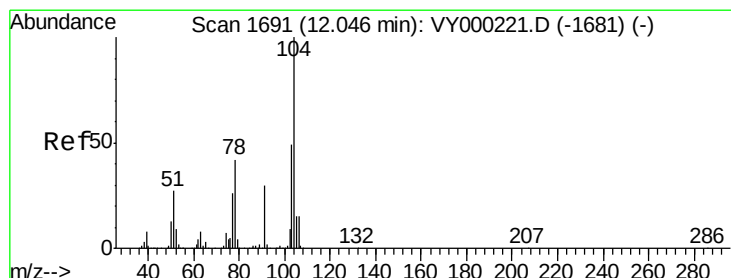
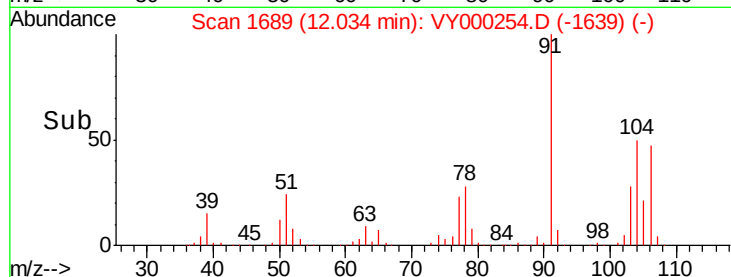
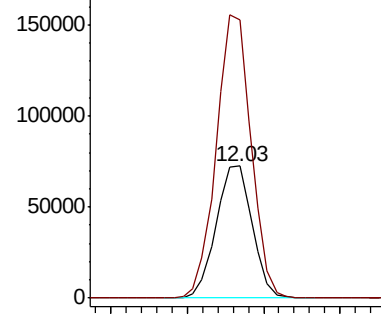
#69
o-Xylene
Concen: 18.664 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 118795
Ion Ratio Lower Upper
106 100
91 206.1 106.1 318.1

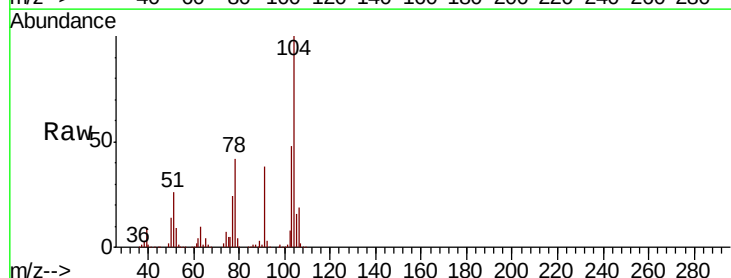


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

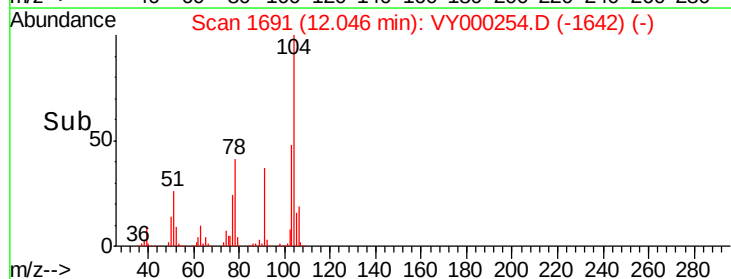
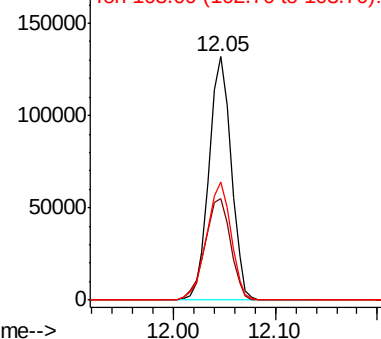


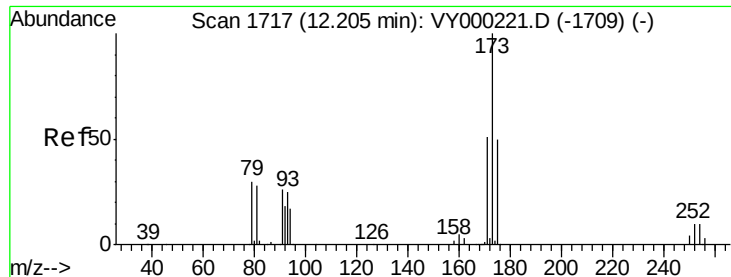
#70
Styrene
Concen: 18.060 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion:104 Resp: 198002
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 53.2 43.1 64.7



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





#71

Bromoform

Concen: 19.815 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

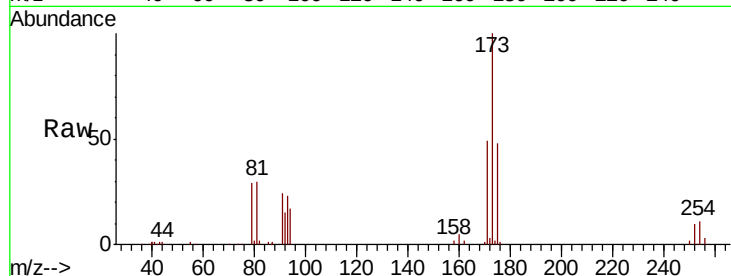
Tot Ion:173 Resp: 56620

Ion Ratio Lower Upper

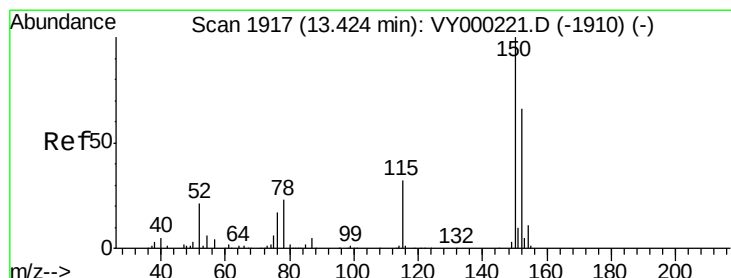
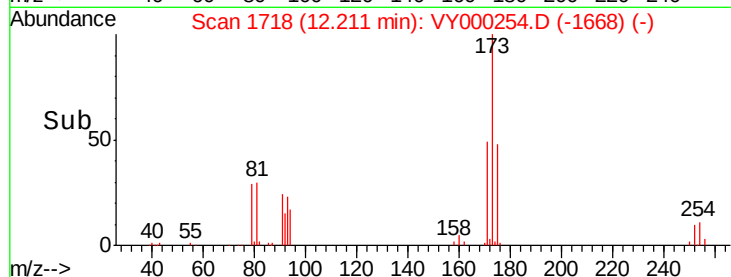
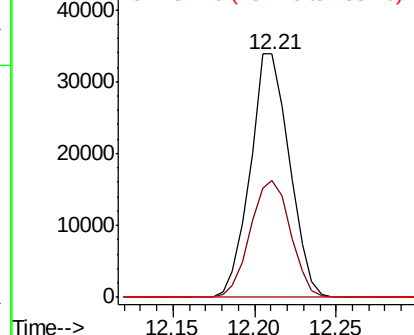
173 100

175 49.3 24.8 74.3

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: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

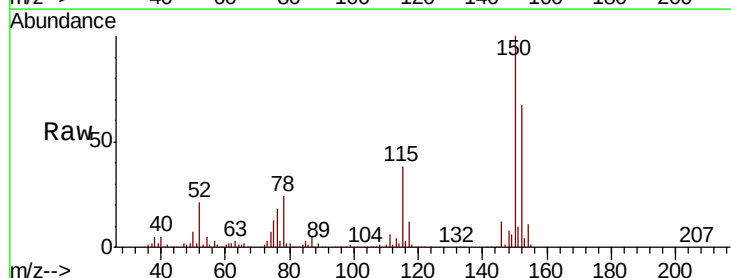
Tgt Ion:152 Resp: 196525

Ion Ratio Lower Upper

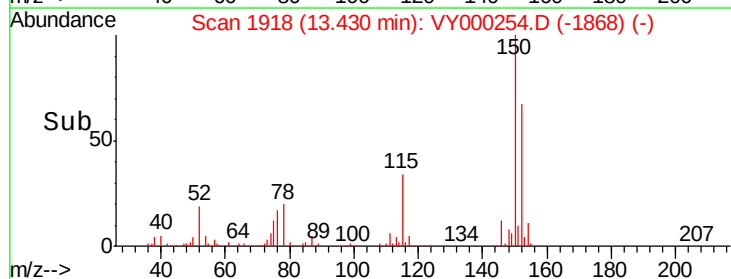
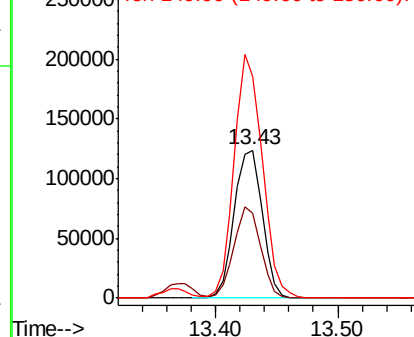
152 100

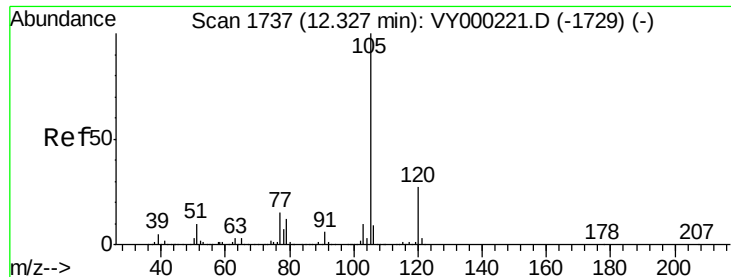
115 58.6 29.3 88.0

150 164.6 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: 18.104 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

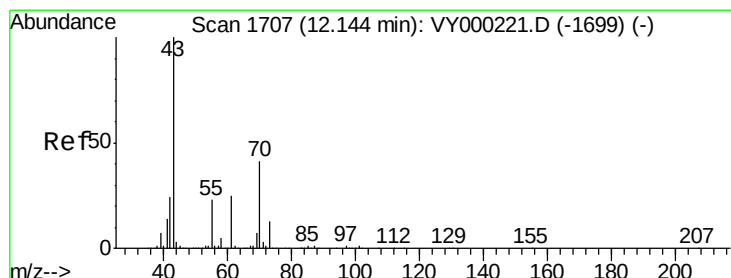
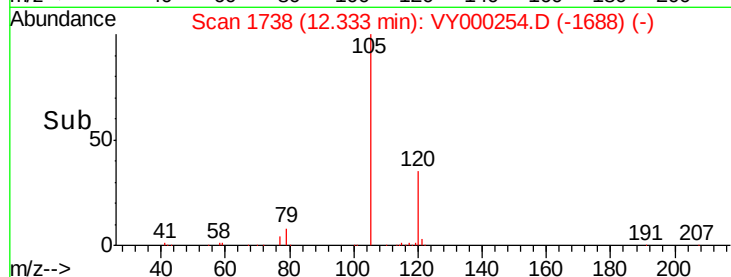
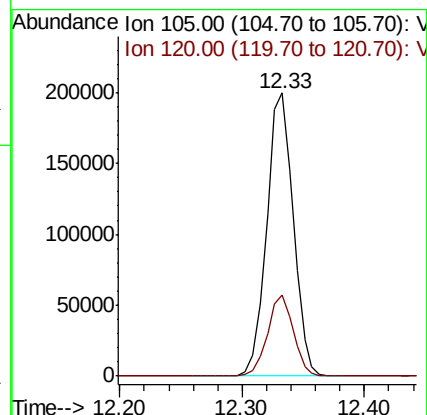
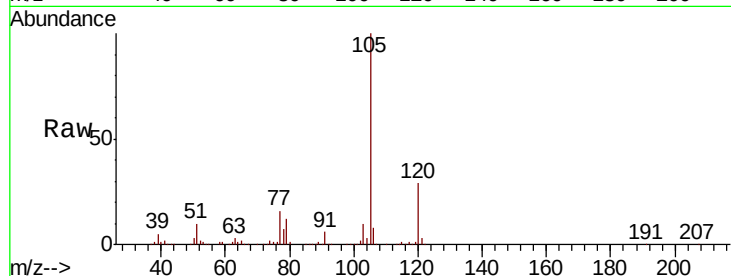
ClientSampleId :

Tot Ion:105 Resp: 301490

Ion Ratio Lower Upper

105 100

120 28.0 13.6 40.8



#74

N-ethyl acetate

Concen: 18.548 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Tgt Ion: 43 Resp: 162402

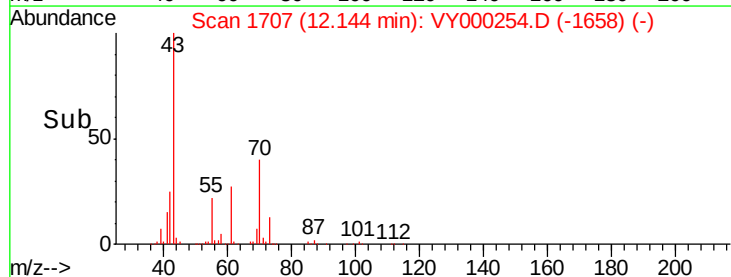
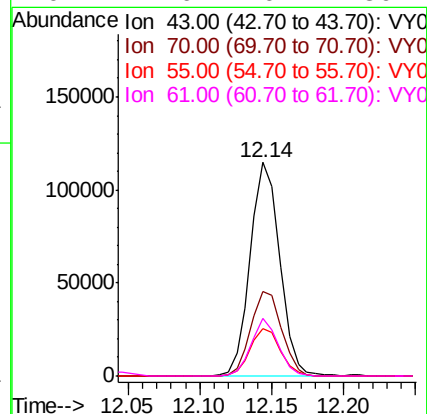
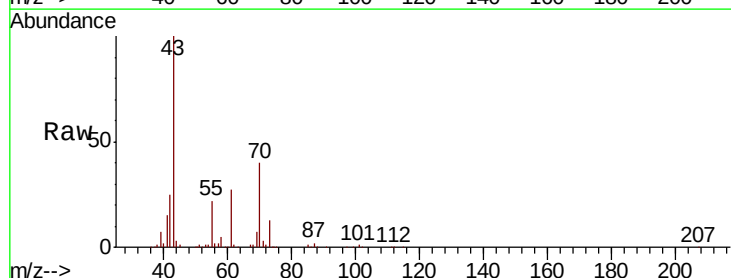
Ion Ratio Lower Upper

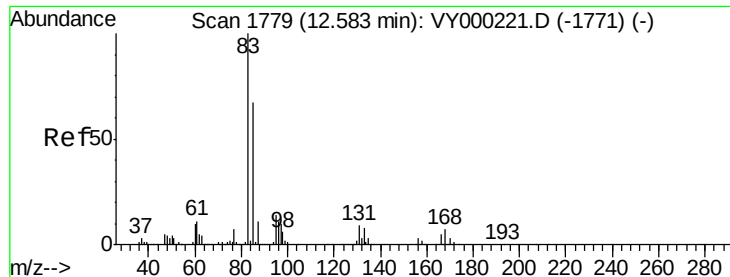
43 100

70 41.5 34.9 52.3

55 22.8 18.2 27.2

61 24.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.677 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

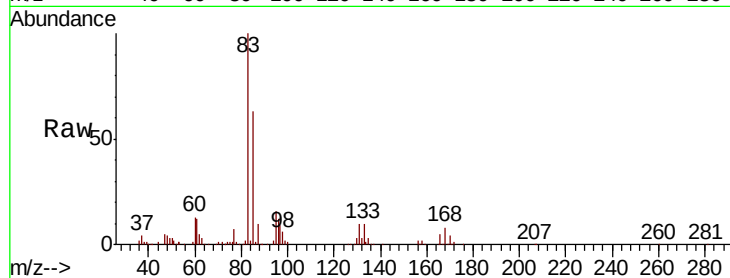
Tot Ion: 83 Resp: 111831

Ion Ratio Lower Upper

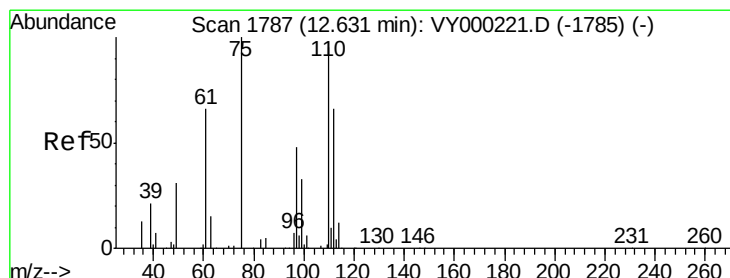
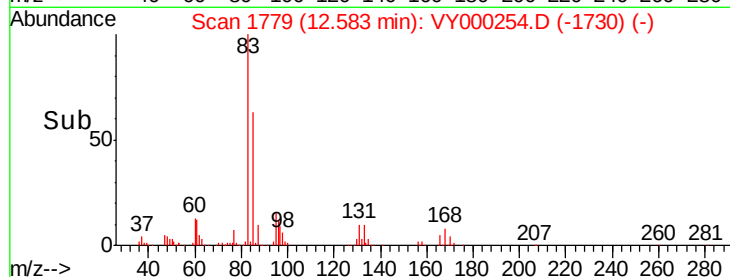
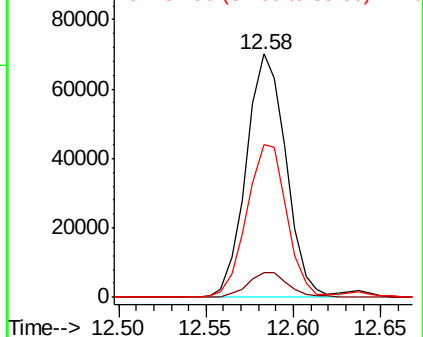
83 100

131 10.3 4.8 14.3

85 63.0 32.5 97.5



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



#76

1,2,3-Trichloropropane

Concen: 32.711 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000254.D

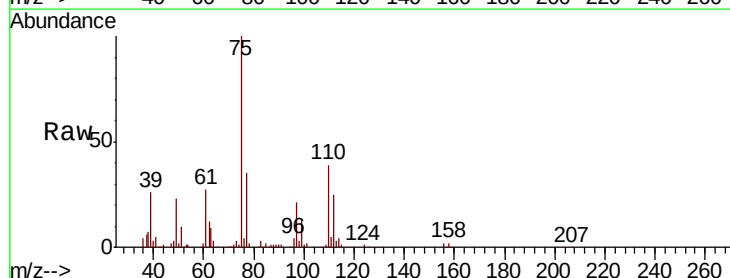
Acq: 10 Oct 2019 15:38

Tgt Ion: 75 Resp: 169727

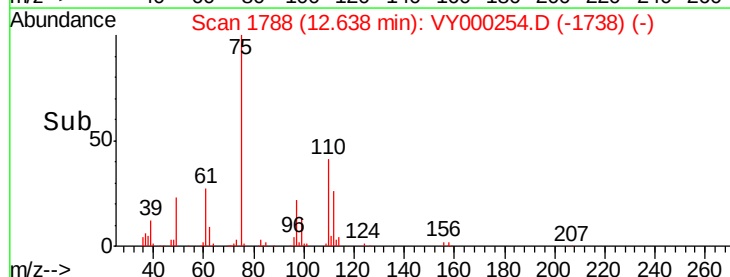
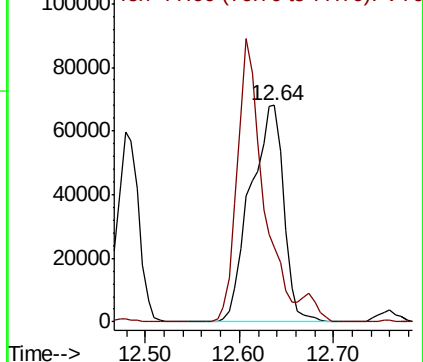
Ion Ratio Lower Upper

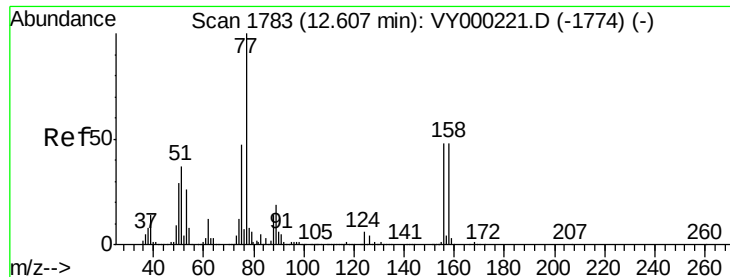
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 18.758 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampled :

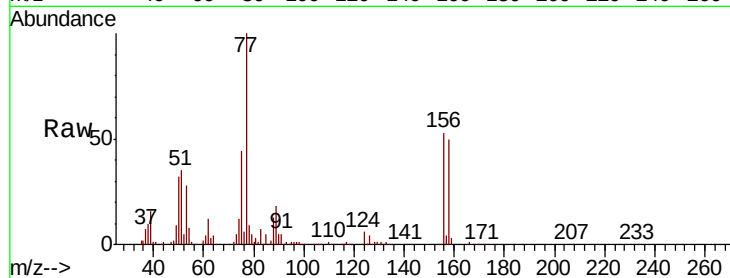
Tot Ion:156 Resp: 73253

Ion Ratio Lower Upper

156 100

77 236.7 118.1 354.3

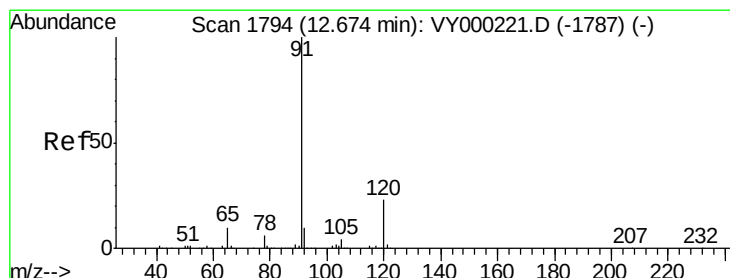
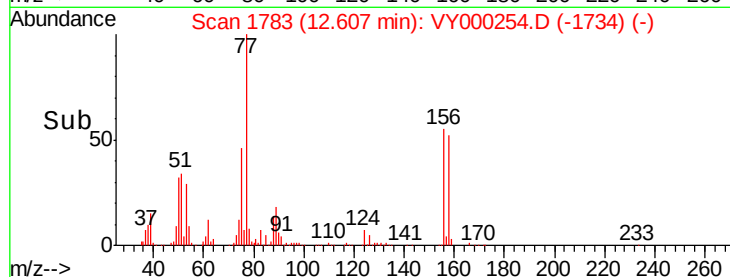
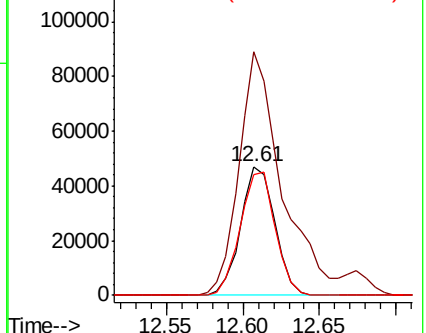
158 98.2 47.8 143.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.058 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000254.D

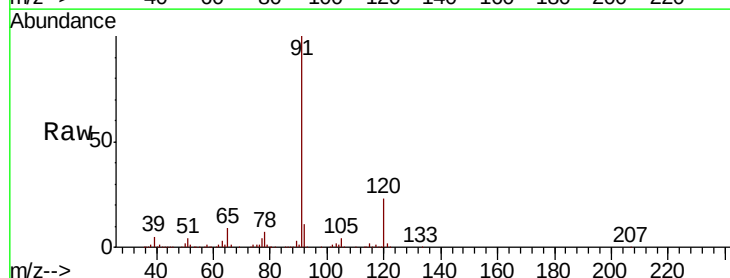
Acq: 10 Oct 2019 15:38

Tgt Ion: 91 Resp: 351261

Ion Ratio Lower Upper

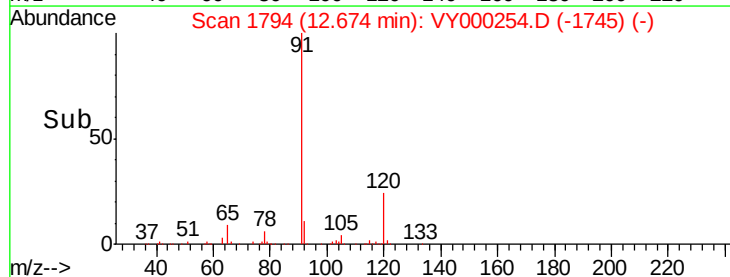
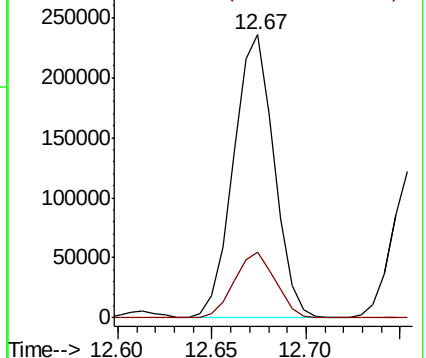
91 100

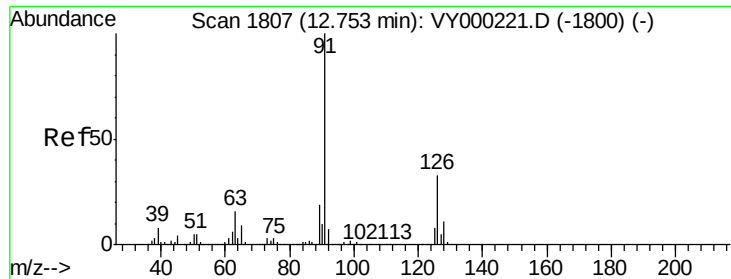
120 23.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.832 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

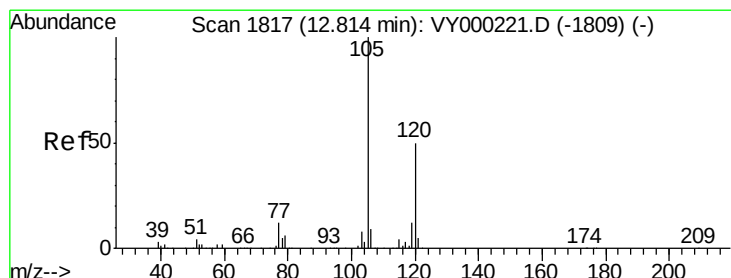
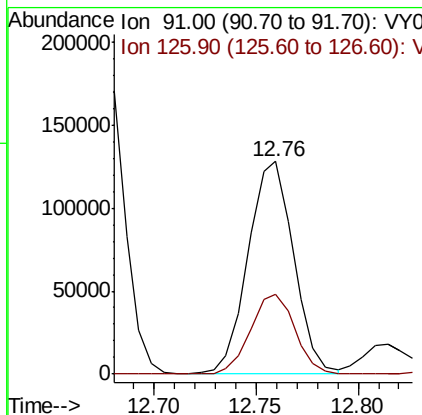
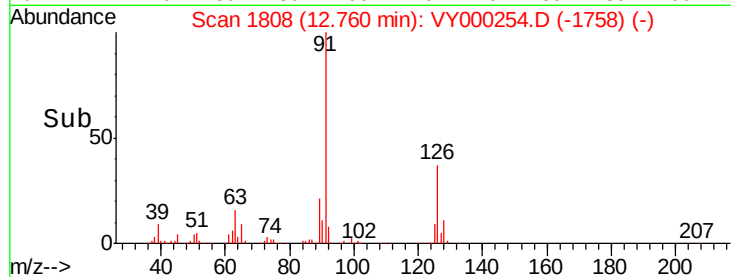
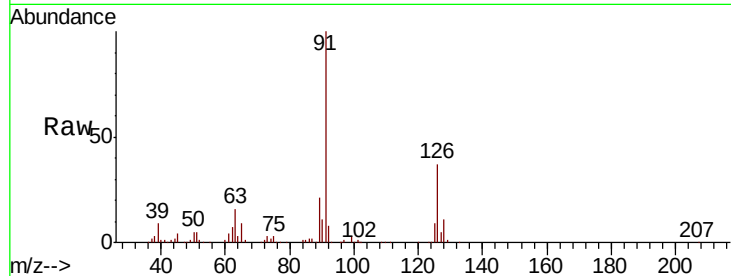
ClientSampleId :

Tot Ion: 91 Resp: 199710

Ion Ratio Lower Upper

91 100

126 36.5 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 18.598 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000254.D

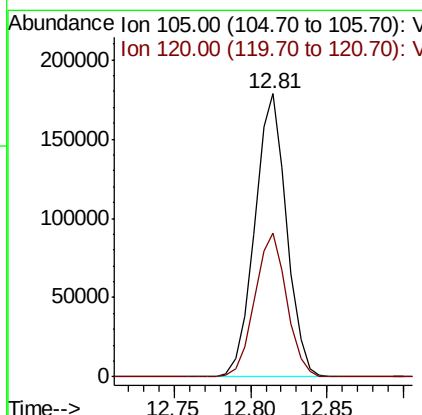
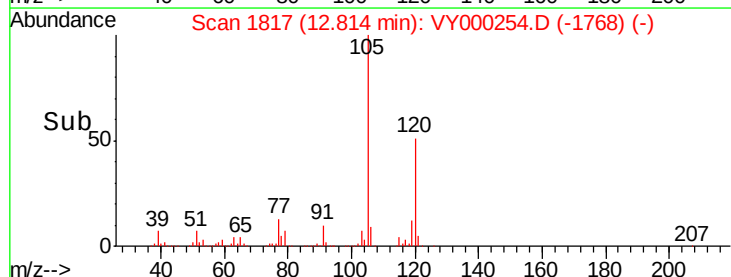
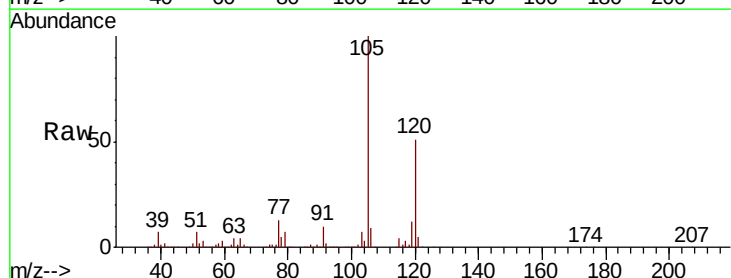
Acq: 10 Oct 2019 15:38

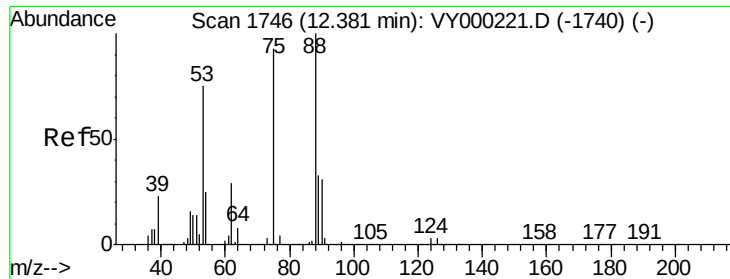
Tgt Ion: 105 Resp: 258436

Ion Ratio Lower Upper

105 100

120 50.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.554 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

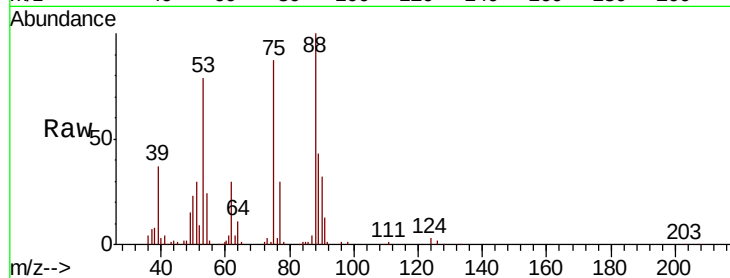
Tot Ion: 75 Resp: 45478

Ion Ratio Lower Upper

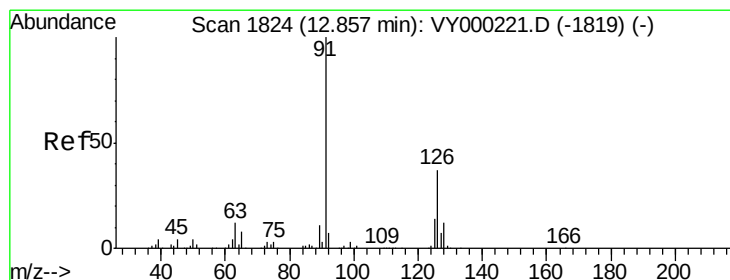
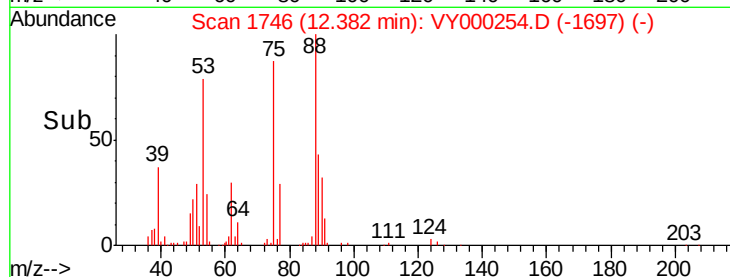
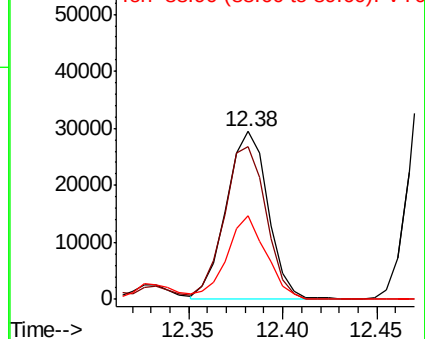
75 100

53 91.2 66.5 99.7

89 46.6 46.9 70.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 18.537 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000254.D

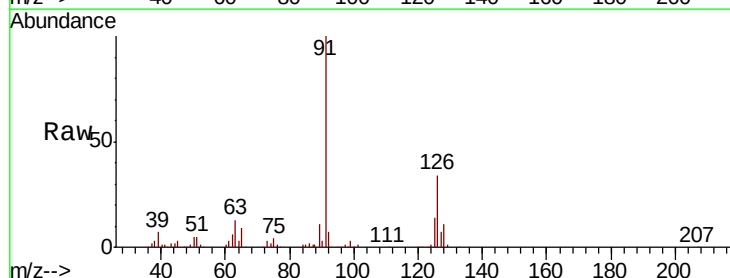
Acq: 10 Oct 2019 15:38

Tgt Ion: 91 Resp: 210270

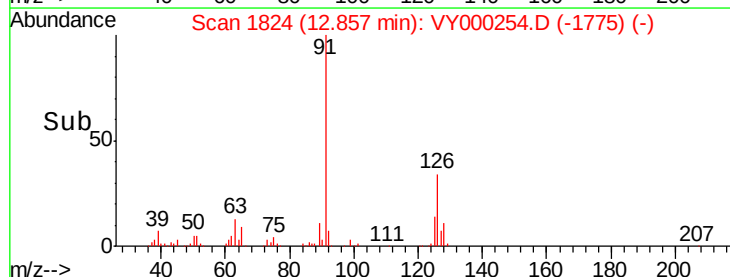
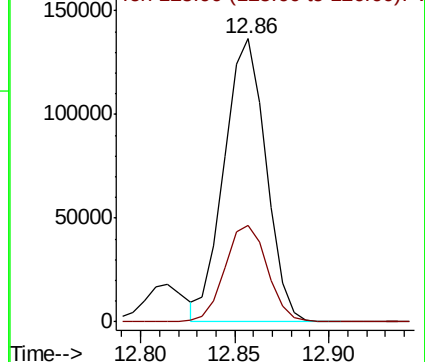
Ion Ratio Lower Upper

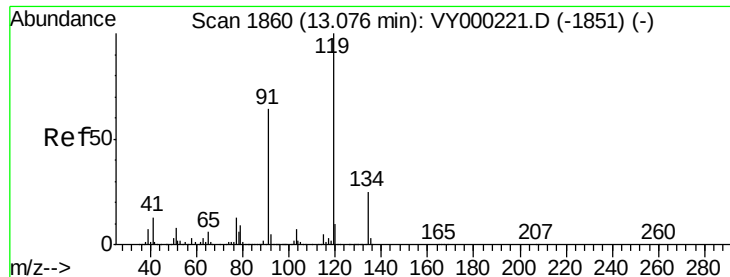
91 100

126 34.7 17.3 52.0



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





#83

tert-Butylbenzene

Concen: 18.125 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

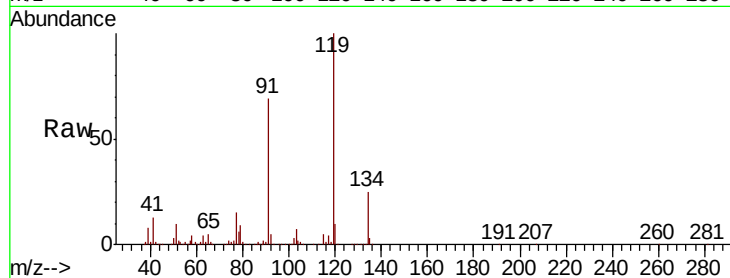
Tot Ion:119 Resp: 218908

Ion Ratio Lower Upper

119 100

91 65.8 32.4 97.2

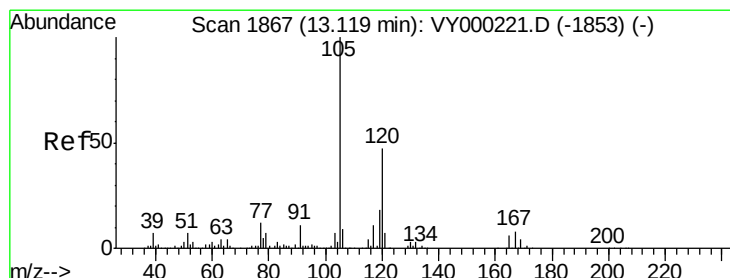
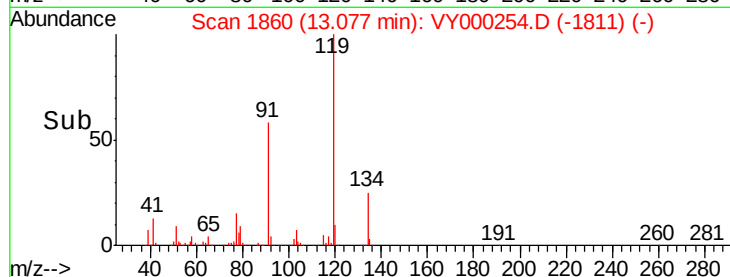
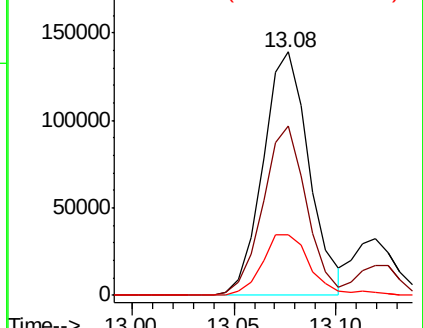
134 26.6 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.401 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY000254.D

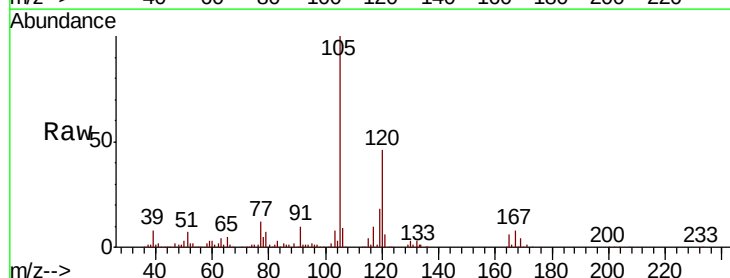
Acq: 10 Oct 2019 15:38

Tgt Ion:105 Resp: 255468

Ion Ratio Lower Upper

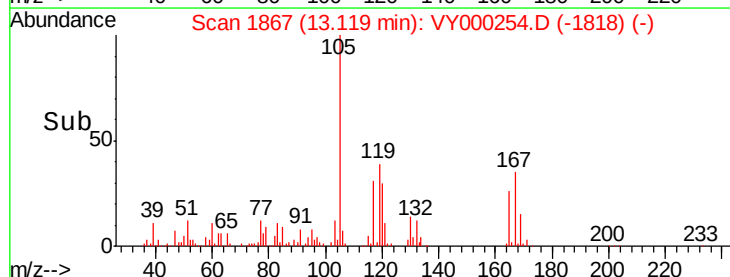
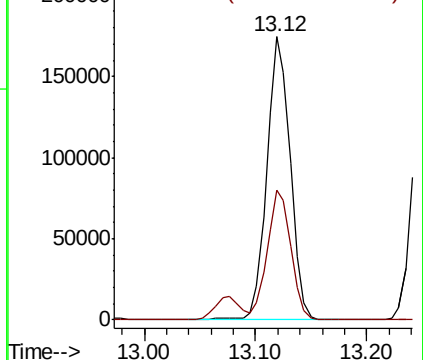
105 100

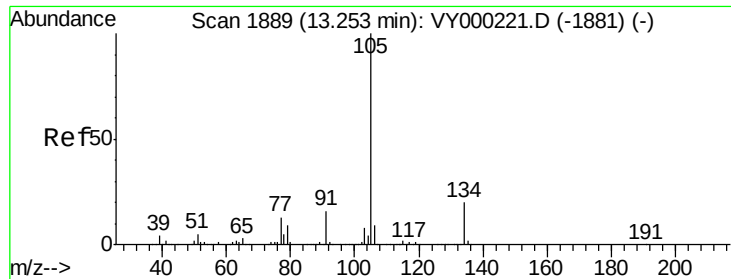
120 45.9 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.149 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

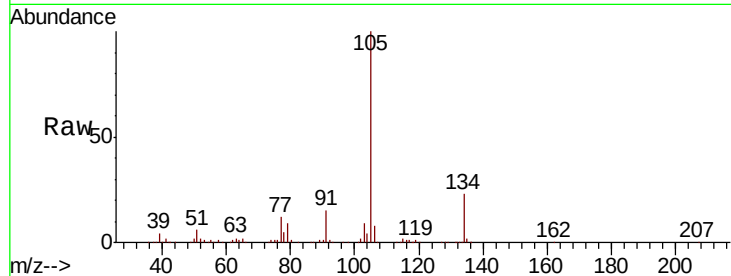
ClientSampled :

Tot Ion:105 Resp: 302122

Ion Ratio Lower Upper

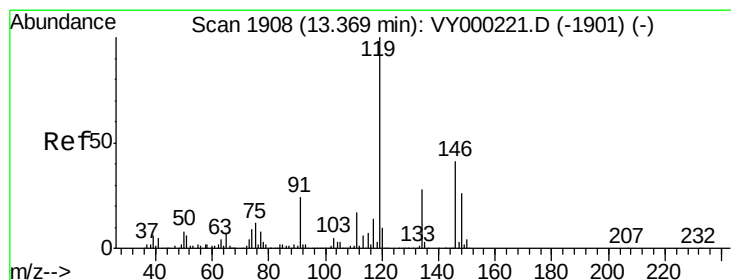
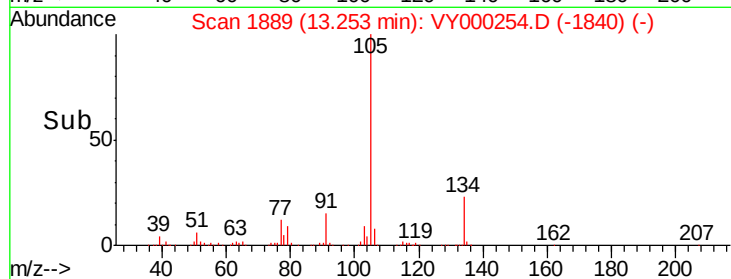
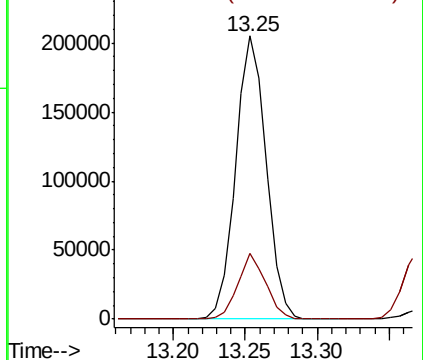
105 100

134 21.1 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.390 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

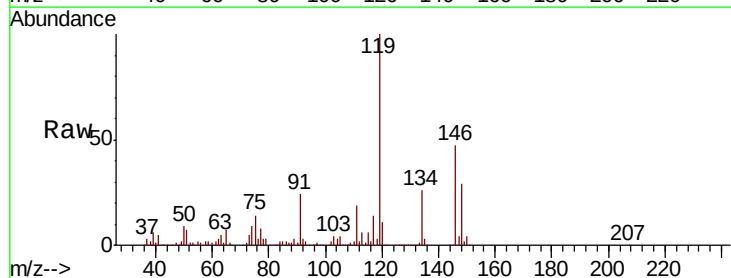
Tgt Ion:119 Resp: 269211

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

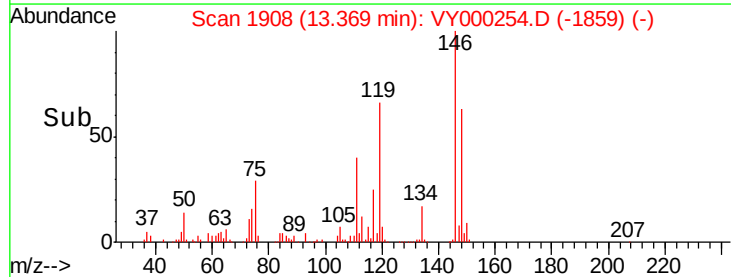
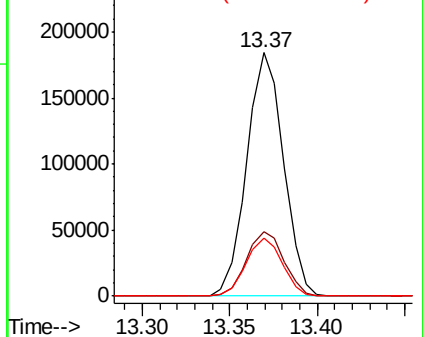
91 23.4 11.7 35.1

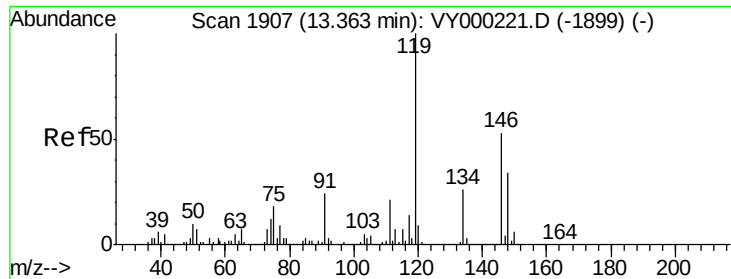


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 18.939 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampled :

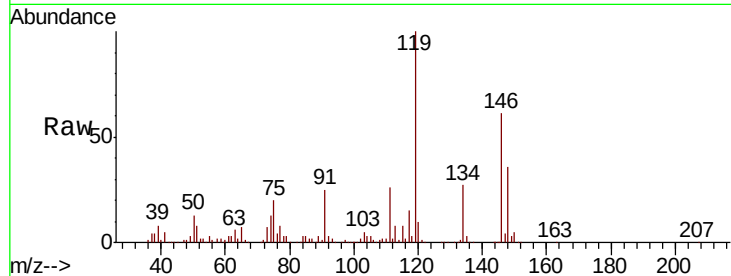
Tot Ion:146 Resp: 134041

Ion Ratio Lower Upper

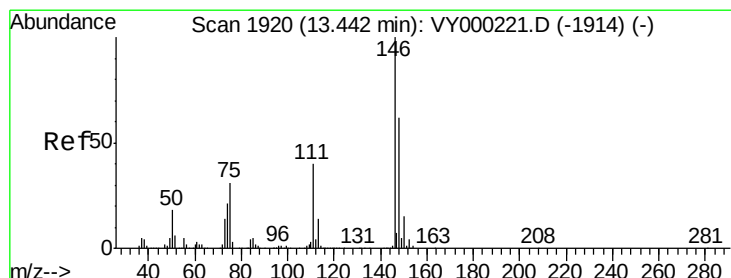
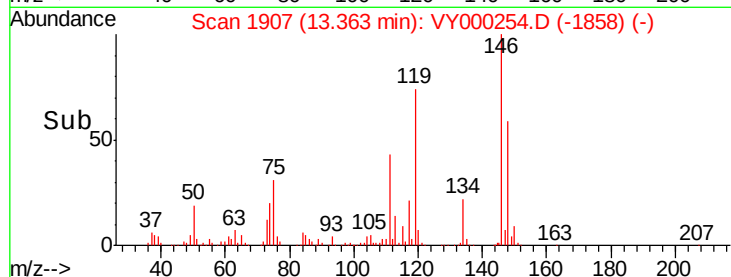
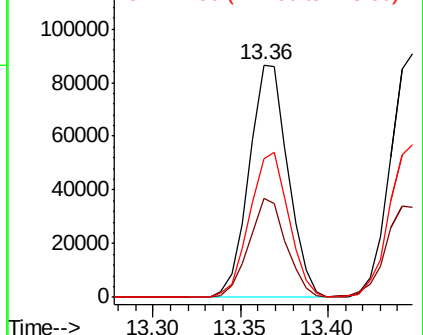
146 100

111 40.7 20.3 60.8

148 62.8 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 18.214 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

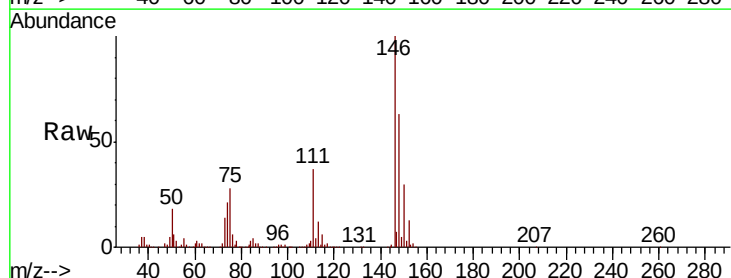
Tgt Ion:146 Resp: 134279

Ion Ratio Lower Upper

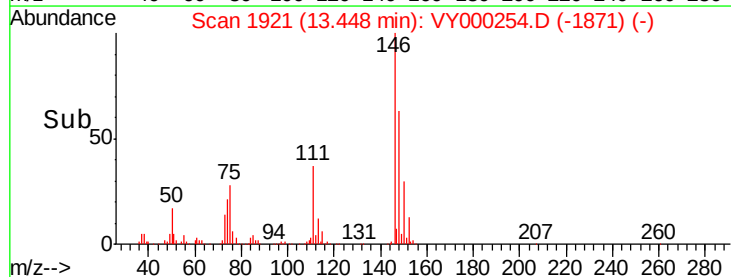
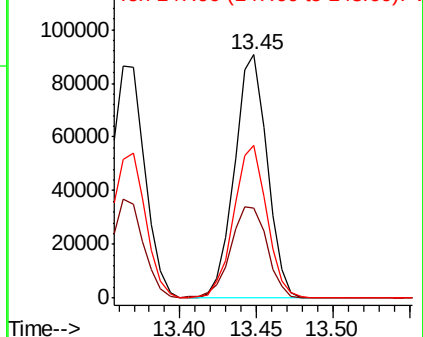
146 100

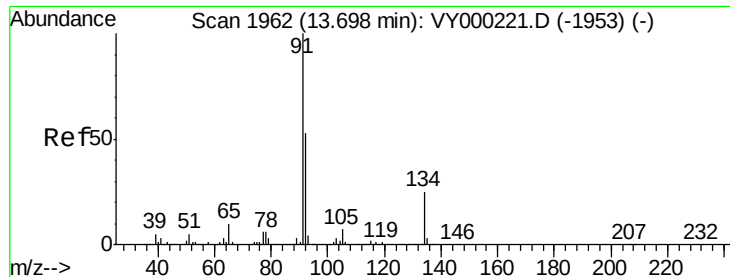
111 42.1 19.8 59.3

148 63.5 31.6 94.8



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

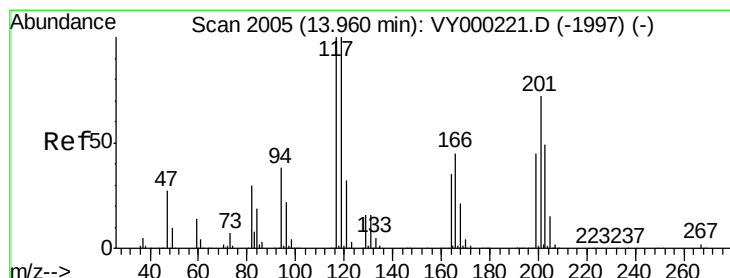
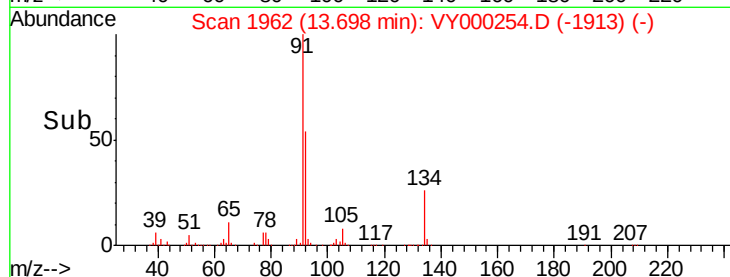
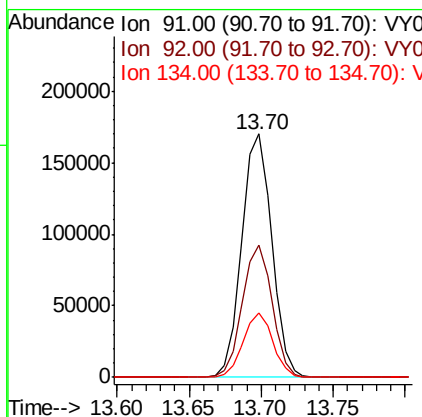
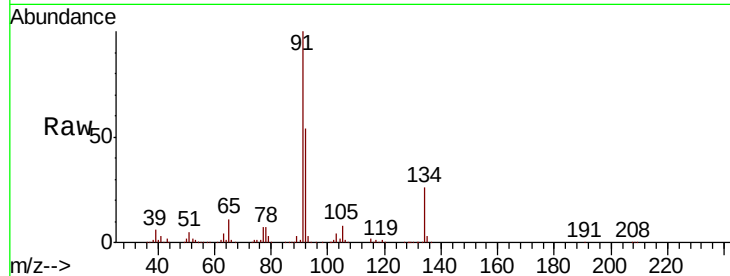




#89
n-Butylbenzene
Concen: 17.819 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

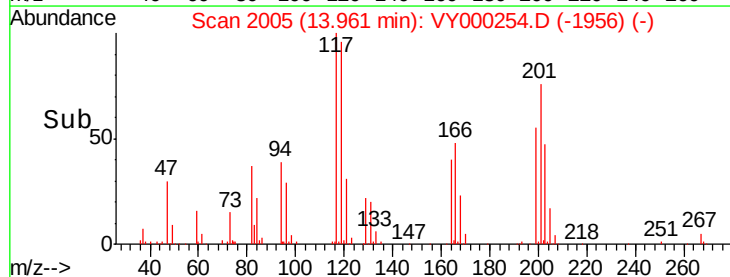
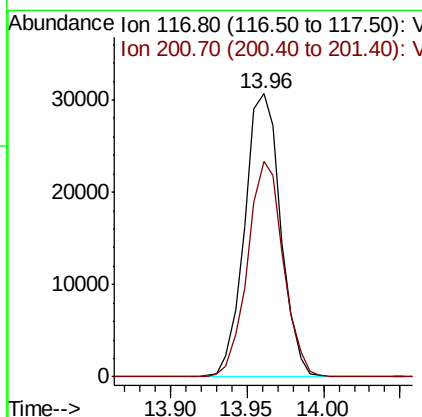
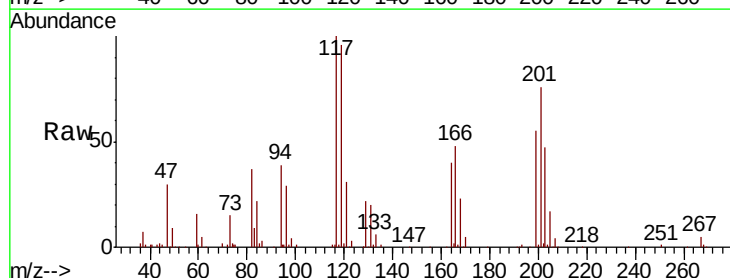
Instrument :
MSVOA_Y
ClientSampled :

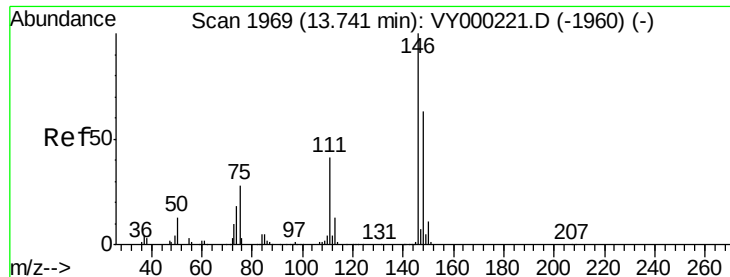
Tot Ion: 91 Resp: 245841
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 26.0 12.8 38.4



#90
Hexachloroethane
Concen: 18.118 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion: 117 Resp: 50170
Ion Ratio Lower Upper
117 100
201 75.3 35.5 106.5





#91

1,2-Dichlorobenzene

Concen: 18.672 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

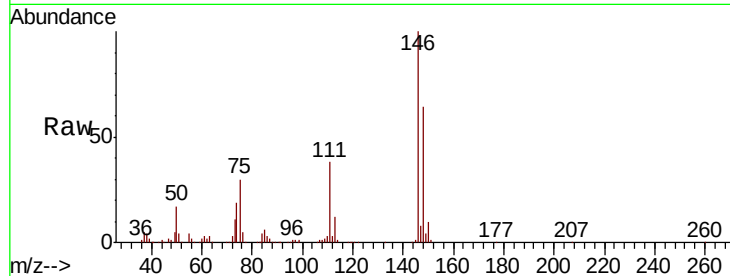
Tot Ion:146 Resp: 133759

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

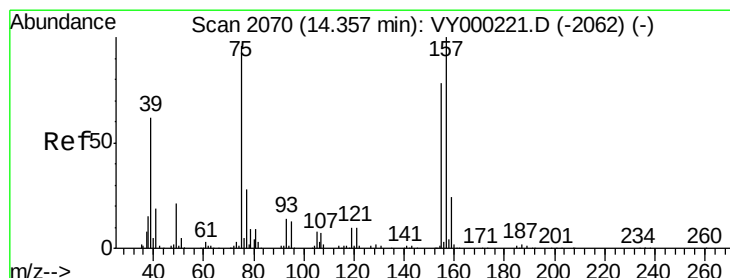
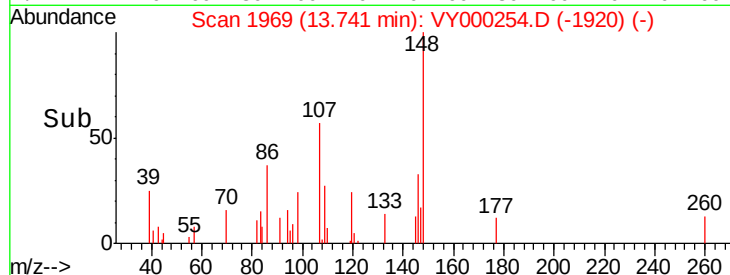
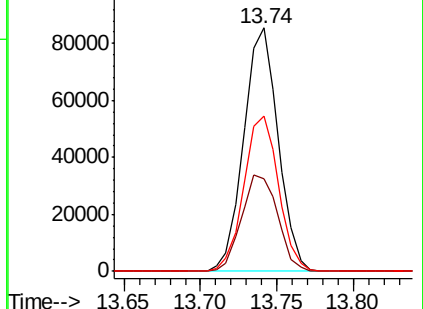
148 64.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.646 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

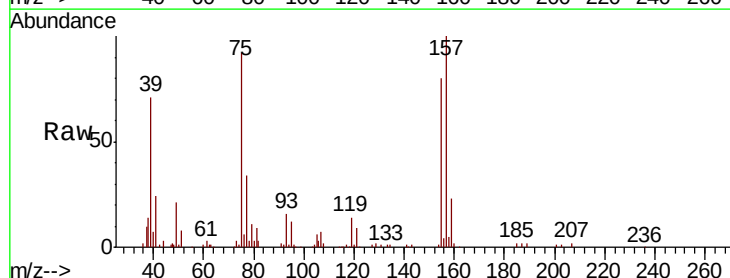
Tgt Ion: 75 Resp: 37784

Ion Ratio Lower Upper

75 100

155 87.1 42.4 127.3

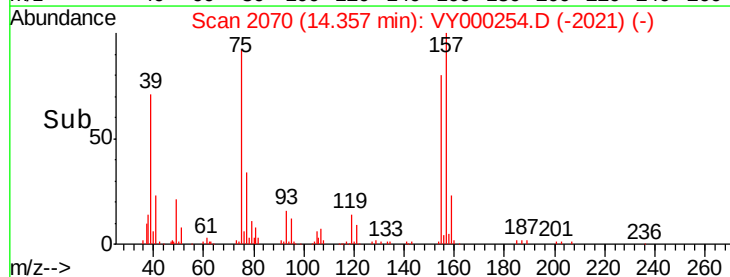
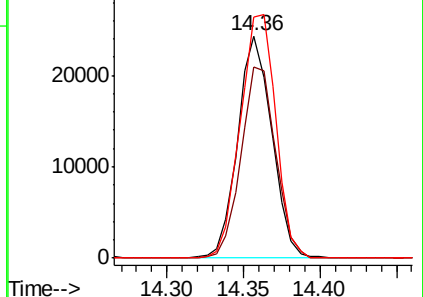
157 113.8 53.8 161.5

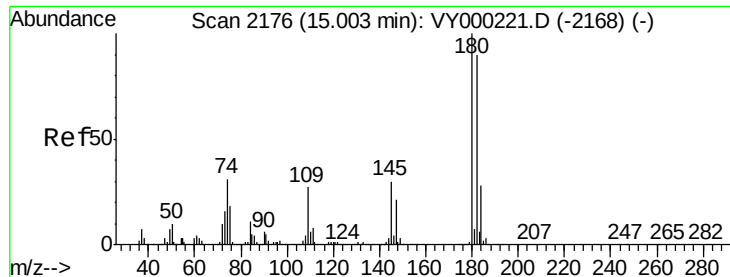


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



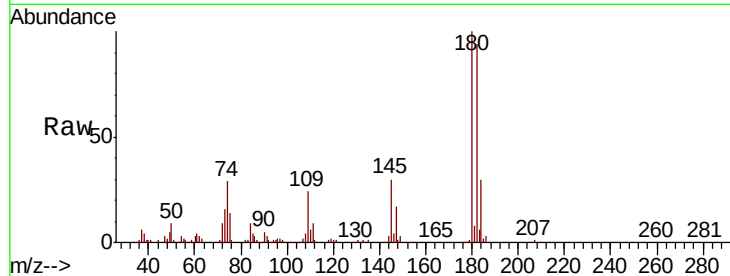


#93

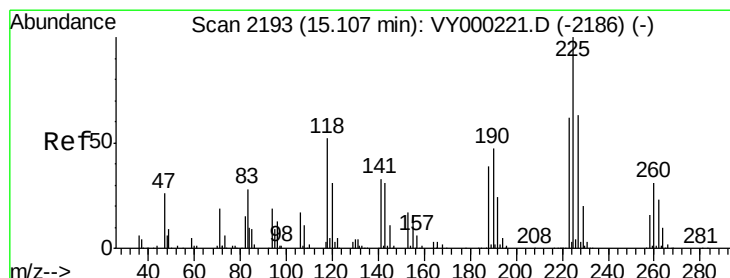
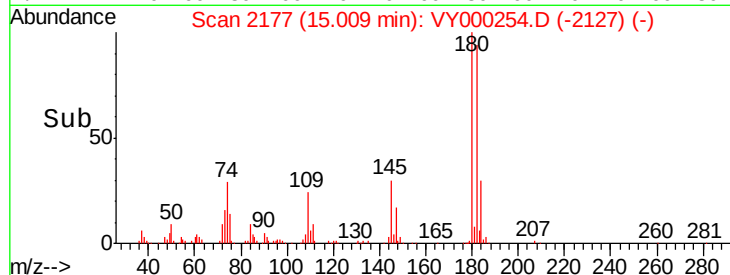
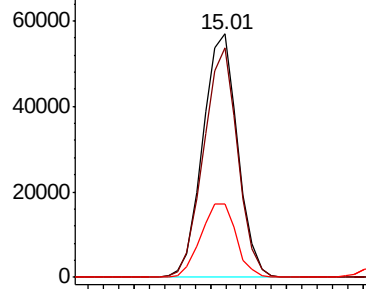
1,2,4-Trichlorobenzene
Concen: 18.473 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.2	141.6
145	30.7	15.3	45.8



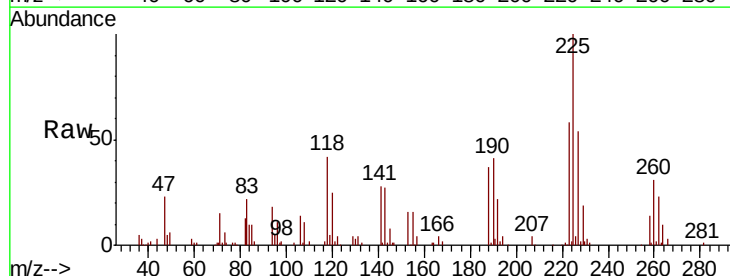
Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



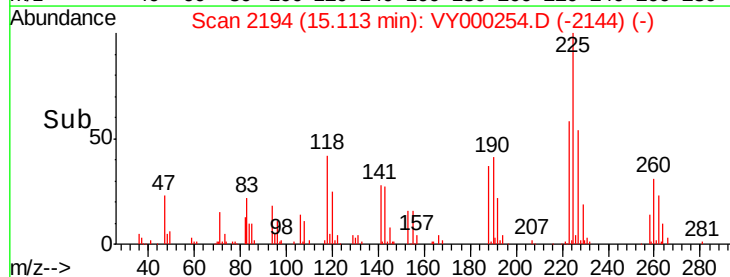
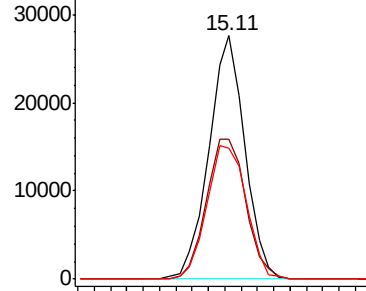
#94

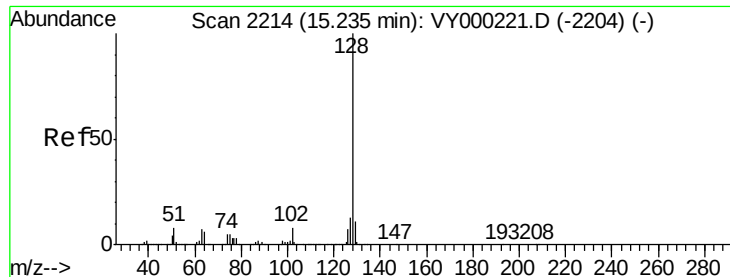
Hexachlorobutadiene
Concen: 18.213 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. 0.01 min
Lab File: VY000254.D
Acq: 10 Oct 2019 15:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.5
227	60.4	31.5	94.5



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





#95

Naphthalene

Concen: 19.090 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

Instrument :

MSVOA_Y

ClientSampleId :

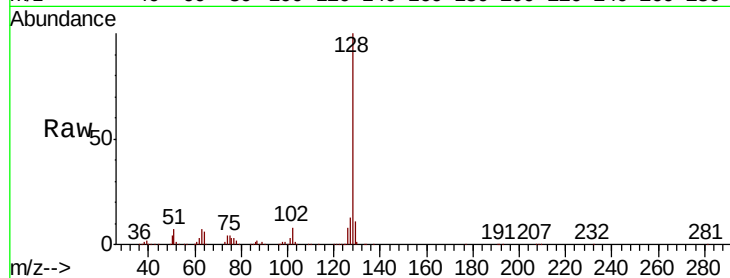
Tot Ion:128 Resp: 349293

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.1 8.6 13.0

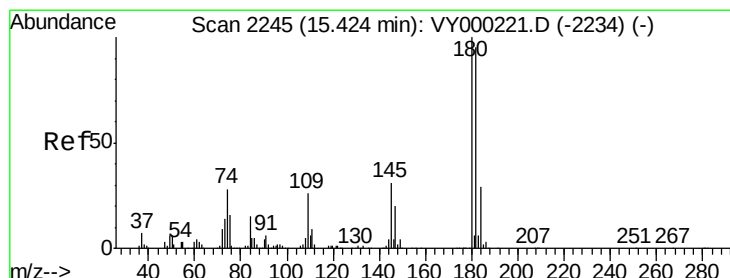
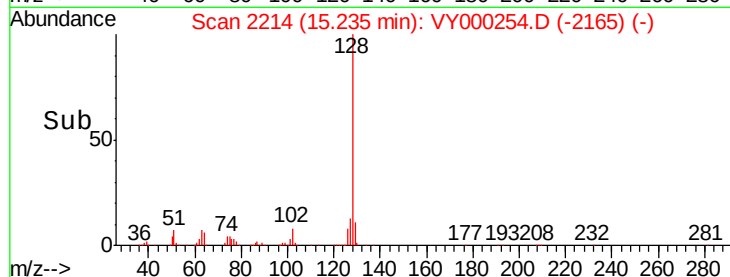
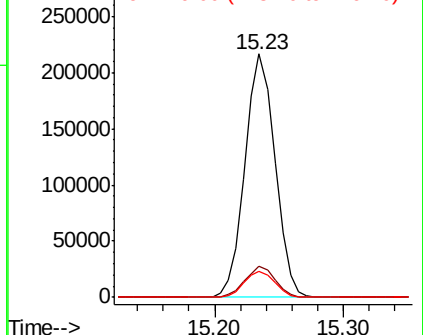


Abundance

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: 18.994 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY000254.D

Acq: 10 Oct 2019 15:38

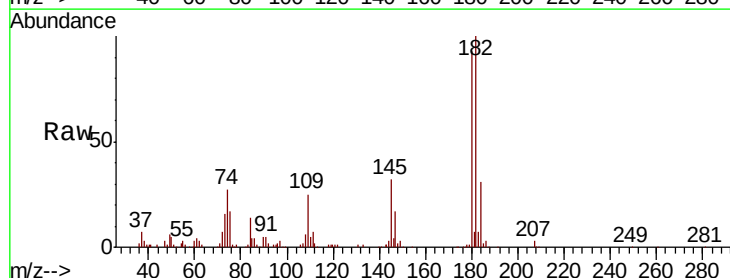
Tgt Ion:180 Resp: 88864

Ion Ratio Lower Upper

180 100

182 97.7 47.9 143.7

145 33.0 16.3 48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

