

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000266.D
 Acq On : 11 Oct 2019 13:08
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 07:15:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:12:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	264649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	422970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	368510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180686	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	28688	10.28	ug/l	0.00
Spiked Amount			Recovery	=	20.56%	
35) Dibromofluoromethane	7.74	113	28194	11.05	ug/l	0.00
Spiked Amount			Recovery	=	22.10%	
50) Toluene-d8	10.19	98	97625	9.95	ug/l	0.00
Spiked Amount			Recovery	=	19.90%	
62) 4-Bromofluorobenzene	12.48	95	40819	10.95	ug/l	0.00
Spiked Amount			Recovery	=	21.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	28013	11.872	ug/l	89
3) Chloromethane	2.12	50	37269	11.524	ug/l	98
4) Vinyl Chloride	2.26	62	37907	11.615	ug/l	99
5) Bromomethane	2.65	94	27875	11.390	ug/l	96
6) Chloroethane	2.80	64	23156	10.996	ug/l	89
7) Trichlorofluoromethane	3.13	101	48882	10.949	ug/l	97
8) Diethyl Ether	3.54	74	15921	10.095	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.91	101	29914	11.049	ug/l	98
10) Methyl Iodide	4.10	142	32516	9.200	ug/l	97
11) Tert butyl alcohol	4.98	59	15977	54.665	ug/l	96
12) 1,1-Dichloroethene	3.88	96	30985	11.592	ug/l	92
13) Acrolein	3.74	56	17768	51.876	ug/l	91
14) Allyl chloride	4.49	41	46928	10.595	ug/l	99
15) Acrylonitrile	5.18	53	45461	51.499	ug/l	94
16) Acetone	3.96	43	44238	48.933	ug/l	100
17) Carbon Disulfide	4.21	76	91944	10.925	ug/l	99
18) Methyl Acetate	4.49	43	23083	10.276	ug/l #	76
19) Methyl tert-butyl Ether	5.24	73	78173	10.506	ug/l #	91
20) Methylene Chloride	4.73	84	43982	11.864	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	33055	10.779	ug/l	96
22) Diisopropyl ether	6.13	45	96196	10.268	ug/l	95
23) Vinyl Acetate	6.07	43	312718	51.166	ug/l	98
24) 1,1-Dichloroethane	6.04	63	55768	10.906	ug/l	97
25) 2-Butanone	7.00	43	63691	50.012	ug/l	92
26) 2,2-Dichloropropane	7.00	77	51966	11.028	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	36157	10.896	ug/l	100
28) Bromochloromethane	7.35	49	19792	9.016	ug/l	88
29) Tetrahydrofuran	7.36	42	39497	51.175	ug/l	97
30) Chloroform	7.52	83	54616	10.606	ug/l	99
31) Cyclohexane	7.80	56	59627	11.164	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	47199	10.309	ug/l	96
36) 1,1-Dichloropropene	7.93	75	45635	11.020	ug/l	97
37) Ethyl Acetate	7.09	43	26066	10.630	ug/l	98
38) Carbon Tetrachloride	7.91	117	44459	11.088	ug/l	97

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

39) Methylcyclohexane	9.19	83	59723	11.019	ug/l	92
40) Benzene	8.18	78	131996	11.030	ug/l	94
41) Methacrylonitrile	7.36	41	36458	33.851	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	37950	11.101	ug/l	100
43) Isopropyl Acetate	8.29	43	47941	10.283	ug/l	96
44) Trichloroethene	8.95	130	37026	11.027	ug/l	88
45) 1,2-Dichloropropane	9.22	63	31709	10.797	ug/l	99
46) Dibromomethane	9.32	93	17739	10.805	ug/l	100
47) Bromodichloromethane	9.50	83	42172	10.900	ug/l #	89
48) Methyl methacrylate	9.30	41	20286	9.928	ug/l	99
49) 1,4-Dioxane	9.30	88	4778	194.101	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	121289	50.438	ug/l	97
52) Toluene	10.25	92	82173	10.815	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	43759	10.553	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	49814	10.578	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	26743	11.203	ug/l	92
56) Ethyl methacrylate	10.52	69	33711	9.908	ug/l	99
57) 1,3-Dichloropropane	10.80	76	44374	10.824	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	66745	49.182	ug/l	99
59) 2-Hexanone	10.84	43	84560	50.097	ug/l	100
60) Dibromochloromethane	10.99	129	27513	10.399	ug/l	99
61) 1,2-Dibromoethane	11.10	107	24167	10.544	ug/l	99
64) Tetrachloroethene	10.72	164	40610	11.576	ug/l	96
65) Chlorobenzene	11.52	112	87126	11.203	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.60	131	30993	11.345	ug/l	98
67) Ethyl Benzene	11.60	91	157472	10.923	ug/l	98
68) m/p-Xylenes	11.70	106	122492	22.225	ug/l	98
69) o-Xylene	12.03	106	58217	11.073	ug/l	93
70) Styrene	12.05	104	94468	10.654	ug/l	99
71) Bromoform	12.21	173	16179	10.302	ug/l #	93
73) Isopropylbenzene	12.33	105	153213	10.875	ug/l	99
74) N-amyl acetate	12.14	43	30829	8.913	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	27215	10.288	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	40934	11.332	ug/l #	100
77) Bromobenzene	12.61	156	34628	11.045	ug/l	92
78) n-propylbenzene	12.67	91	179524	10.613	ug/l	99
79) 2-Chlorotoluene	12.76	91	99477	10.649	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	127654	10.806	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	10633	10.471	ug/l	98
82) 4-Chlorotoluene	12.86	91	105481	10.682	ug/l	98
83) tert-Butylbenzene	13.08	119	110658	11.061	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	126102	10.815	ug/l	99
85) sec-Butylbenzene	13.25	105	158021	10.919	ug/l	99
86) p-Isopropyltoluene	13.37	119	135624	10.749	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	70027	11.337	ug/l	94
88) 1,4-Dichlorobenzene	13.45	146	67313	10.903	ug/l	98
89) n-Butylbenzene	13.70	91	134195	10.763	ug/l	99
90) Hexachloroethane	13.96	117	24393	10.440	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	60396	10.804	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5192	10.349	ug/l	96

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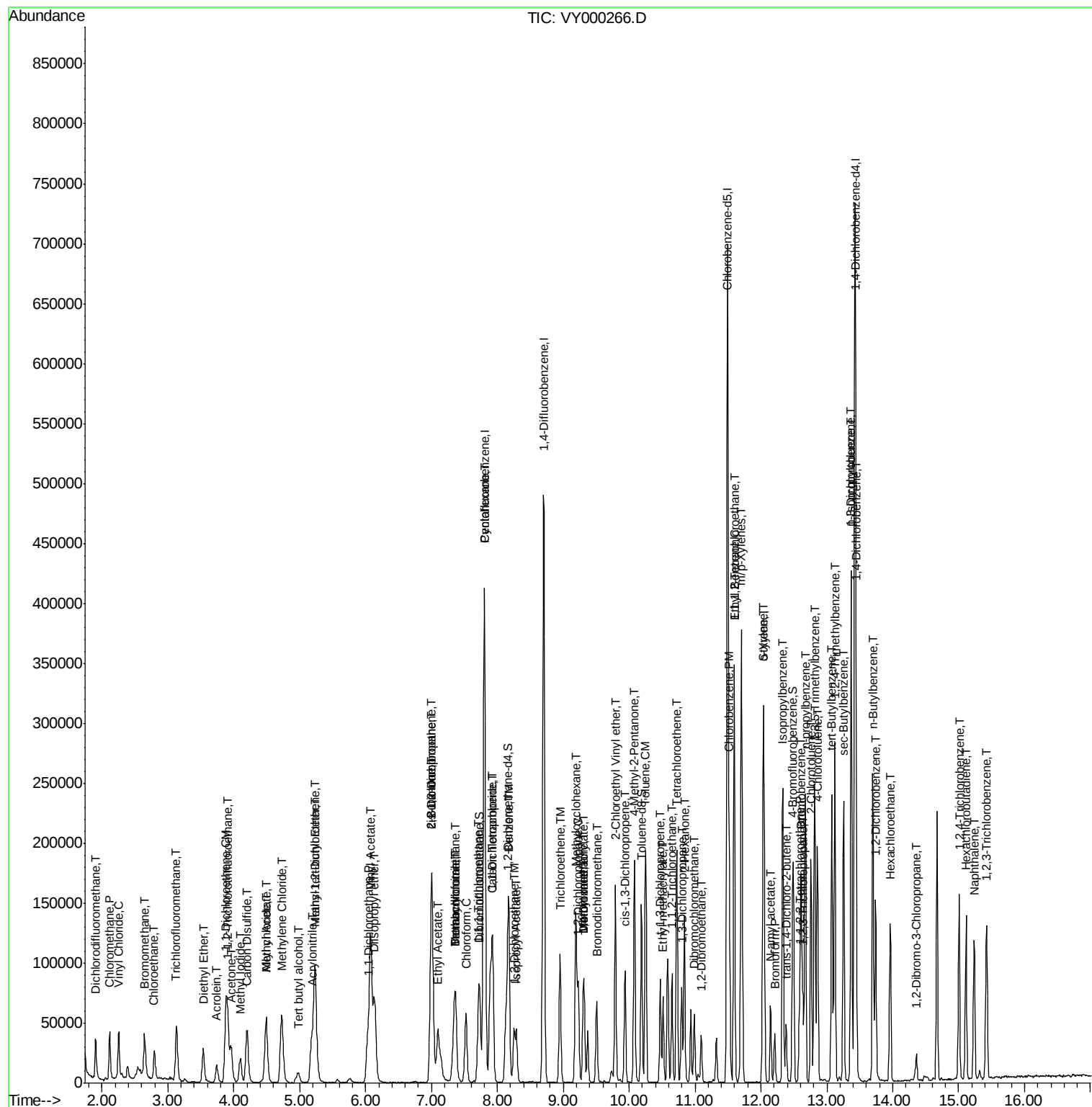
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	41737	10.724	ug/l	96
94) Hexachlorobutadiene	15.11	225	25004	11.871	ug/l	97
95) Naphthalene	15.23	128	94625	10.895	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	38407	10.949	ug/l	97

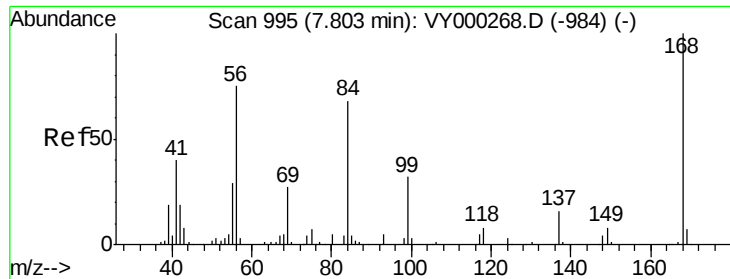
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

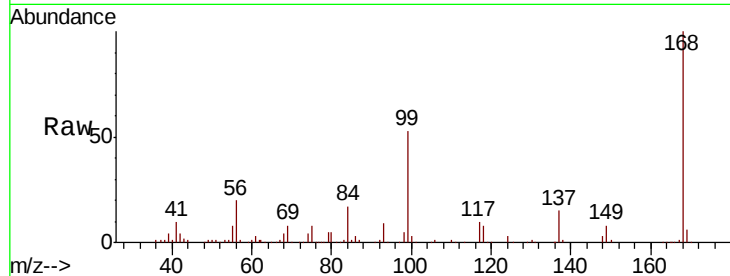
ClientSampled :

Tot Ion:168 Resp: 264649

Ion Ratio Lower Upper

168 100

99 52.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000266.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000266.D (-946) (-)

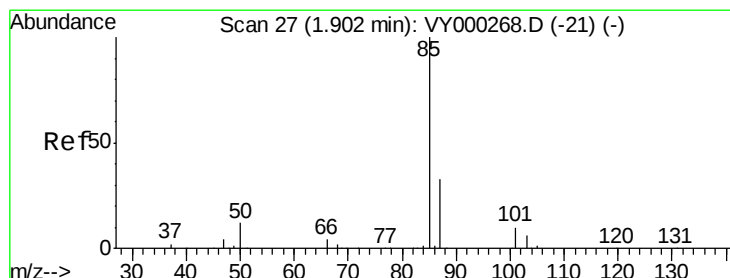
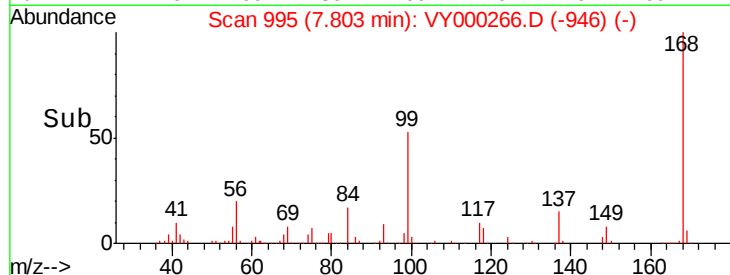
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 11.872 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000266.D

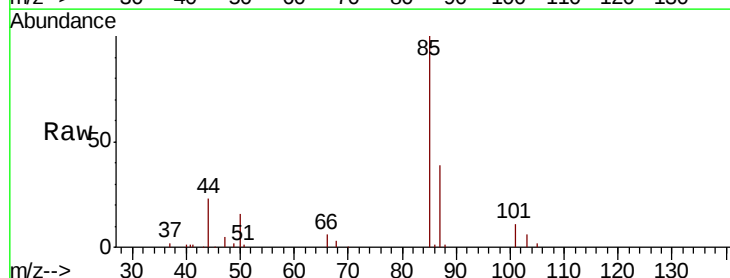
Acq: 11 Oct 2019 13:08

Tgt Ion: 85 Resp: 28013

Ion Ratio Lower Upper

85 100

87 39.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000266.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000266.D (-1) (-)

1.90

20000

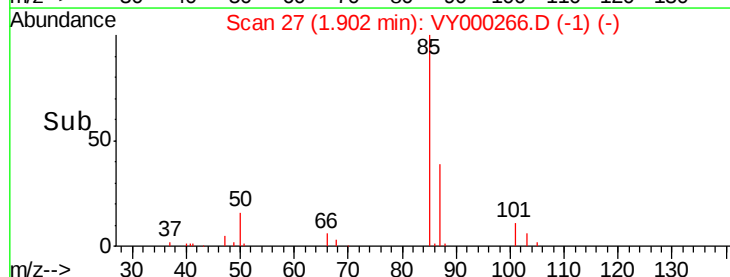
15000

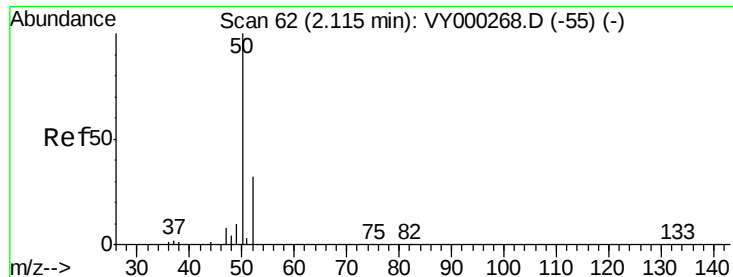
10000

5000

0

Time-->





#3

Chloromethane

Concen: 11.524 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

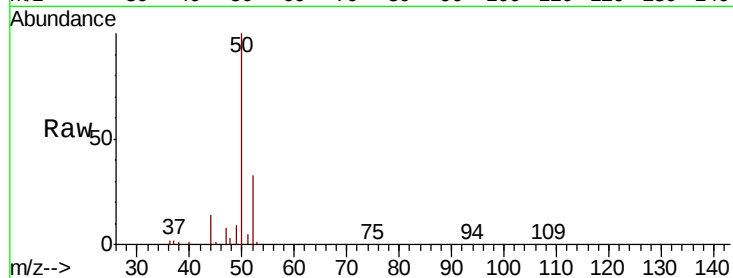
ClientSampled :

Tot Ion: 50 Resp: 37269

Ion Ratio Lower Upper

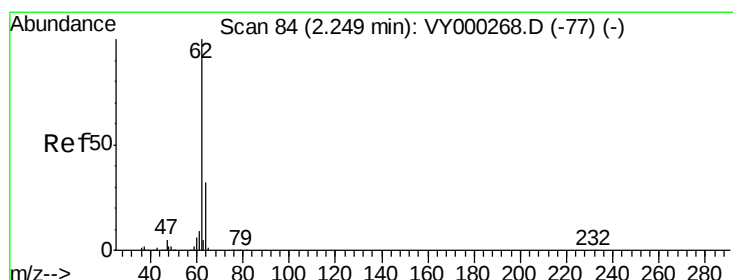
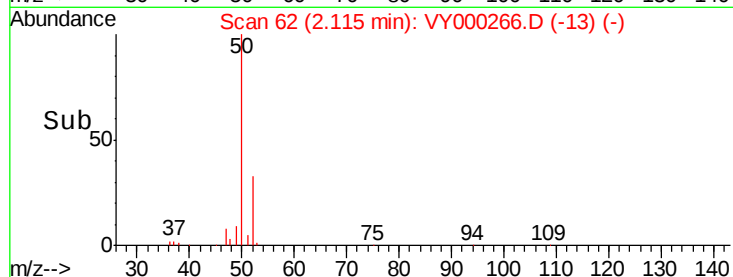
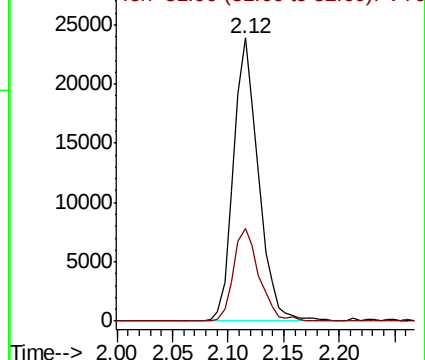
50 100

52 33.0 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 11.615 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000266.D

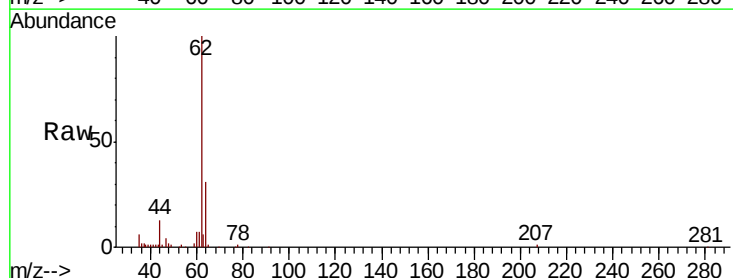
Acq: 11 Oct 2019 13:08

Tgt Ion: 62 Resp: 37907

Ion Ratio Lower Upper

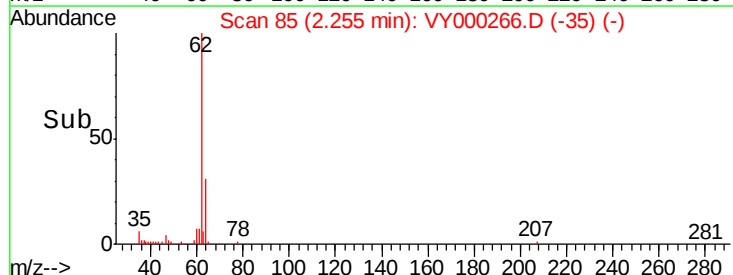
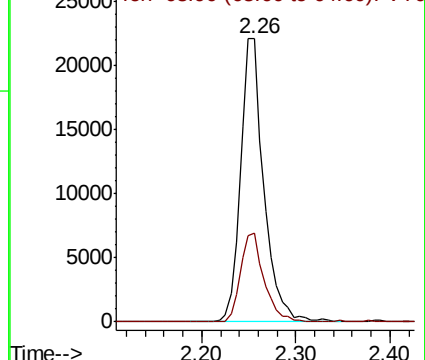
62 100

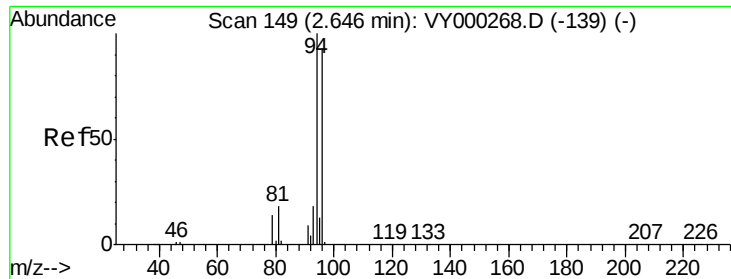
64 31.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 11.390 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

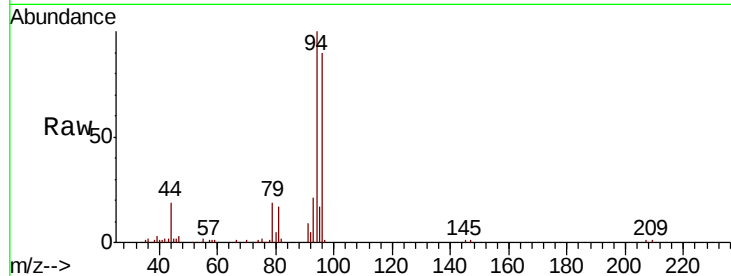
ClientSampled :

Tot Ion: 94 Resp: 27875

Ion Ratio Lower Upper

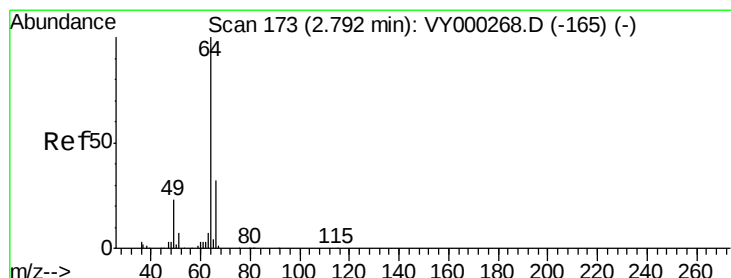
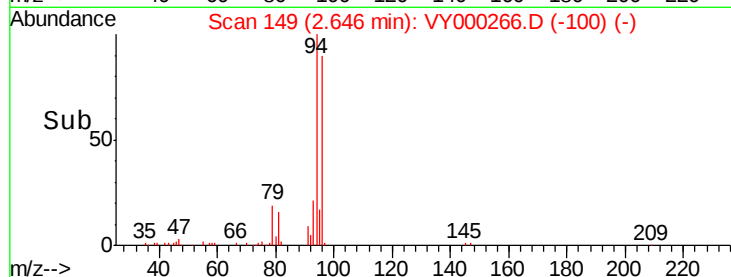
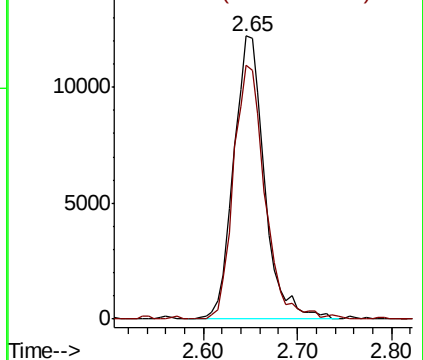
94 100

96 89.0 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 10.996 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000266.D

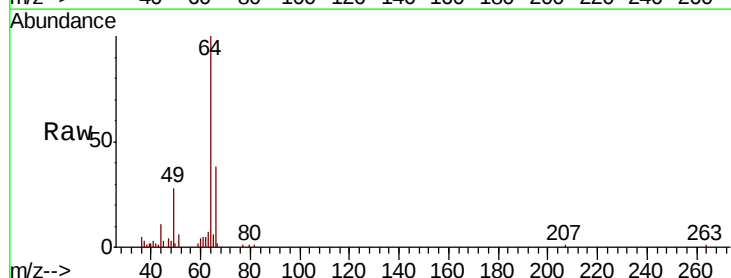
Acq: 11 Oct 2019 13:08

Tgt Ion: 64 Resp: 23156

Ion Ratio Lower Upper

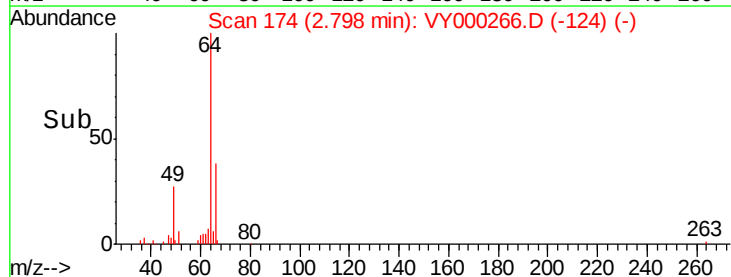
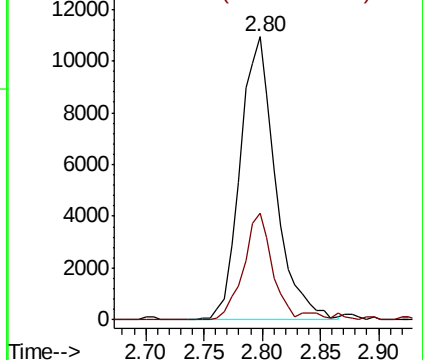
64 100

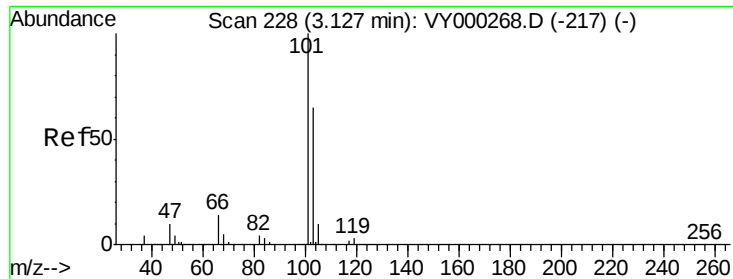
66 37.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



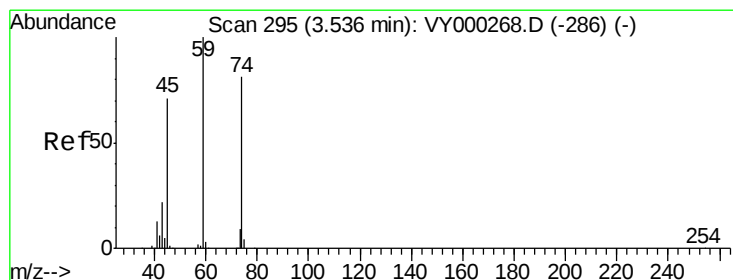
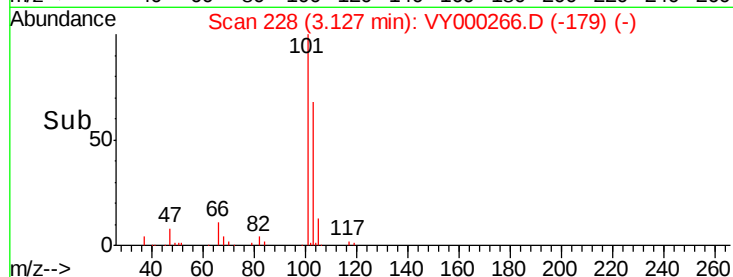
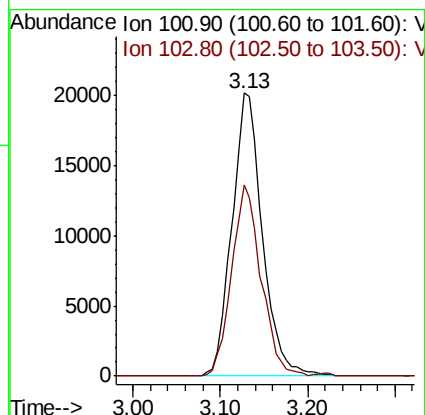
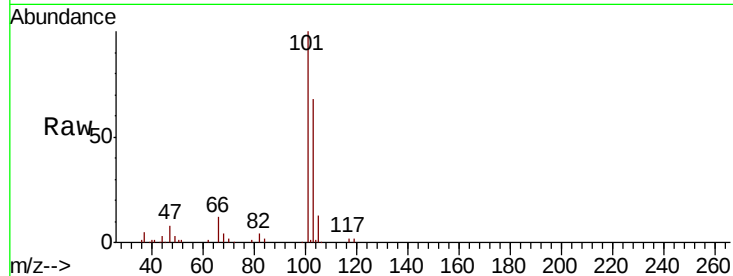


#7

Trichlorofluoromethane
 Concen: 10.949 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampled :

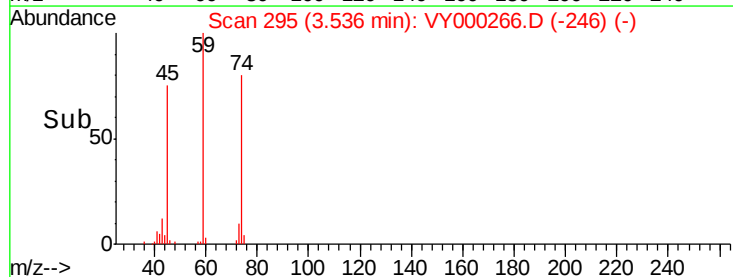
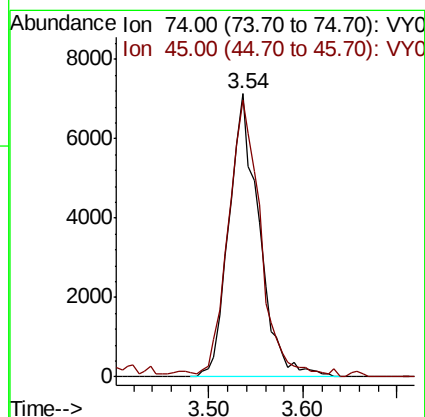
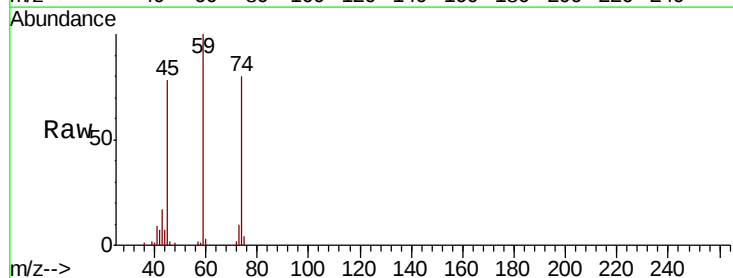
Tot Ion:101 Resp: 48882
 Ion Ratio Lower Upper
 101 100
 103 67.6 52.2 78.4

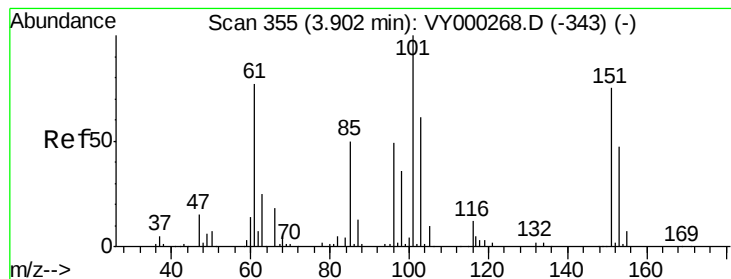


#8

Diethyl Ether
 Concen: 10.095 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion: 74 Resp: 15921
 Ion Ratio Lower Upper
 74 100
 45 105.2 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.049 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

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ClientSampled :

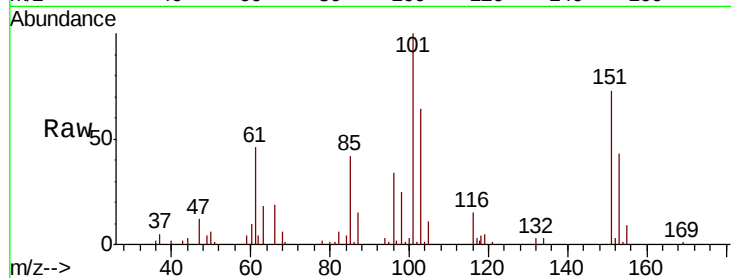
Tot Ion:101 Resp: 29914

Ion Ratio Lower Upper

101 100

85 46.5 36.6 55.0

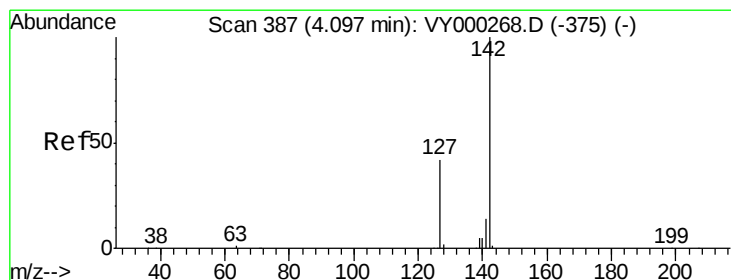
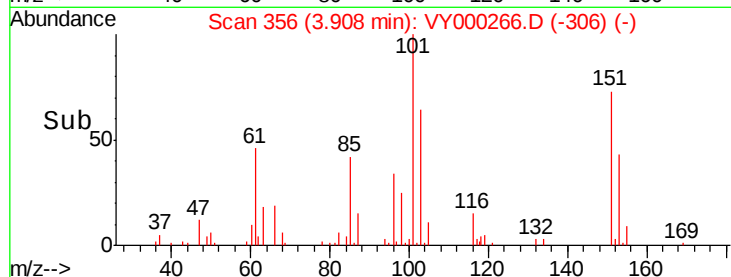
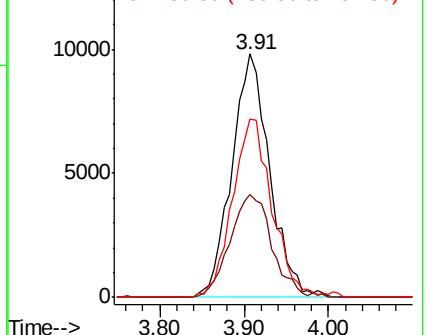
151 76.1 63.1 94.7



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: 9.200 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

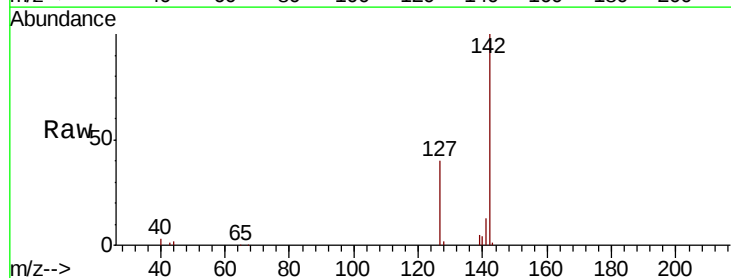
Tgt Ion:142 Resp: 32516

Ion Ratio Lower Upper

142 100

127 45.0 33.9 50.9

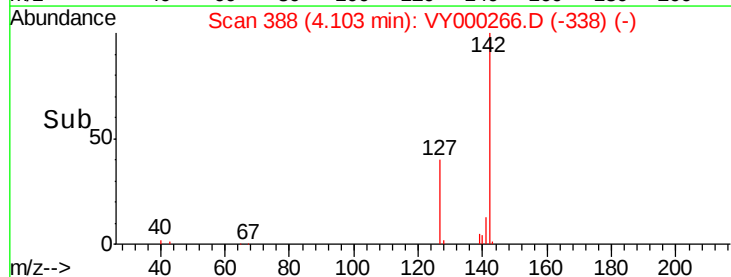
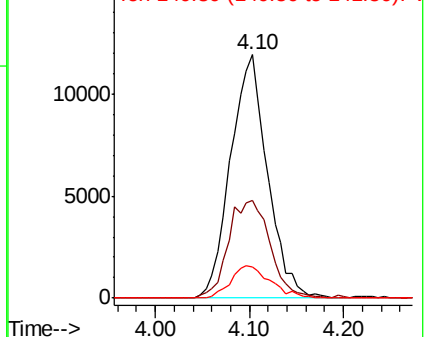
141 14.2 11.2 16.8

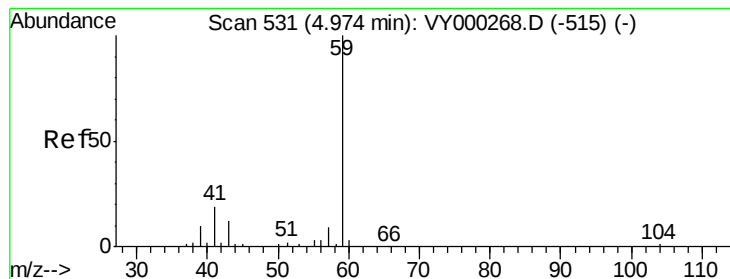


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 54.665 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

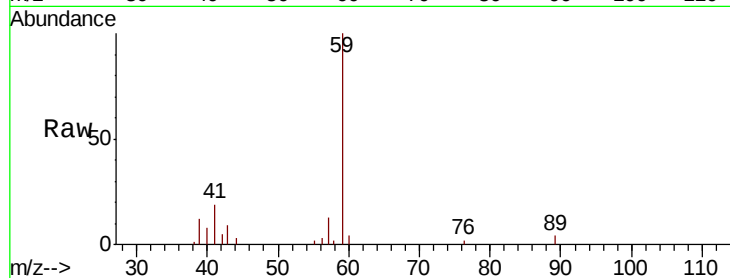
ClientSampled :

Tot Ion: 59 Resp: 15977

Ion Ratio Lower Upper

59 100

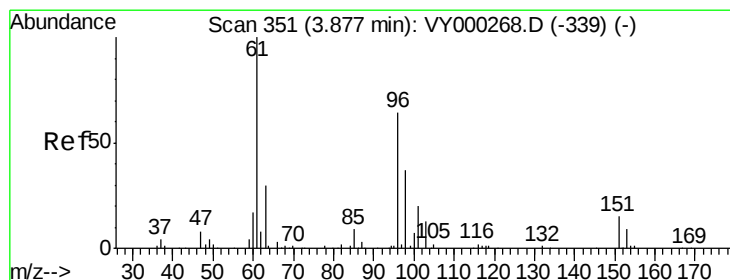
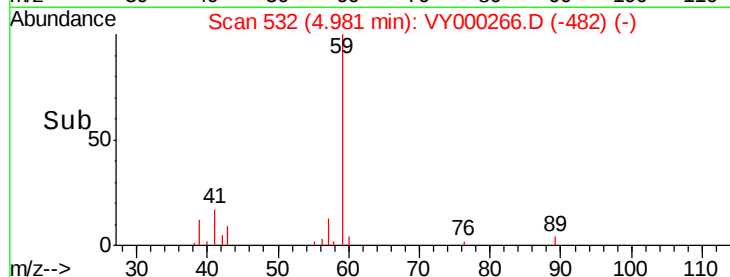
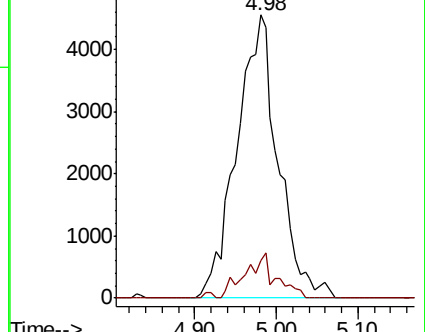
57 11.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VY000268.D (-515) (-)

Ion 57.00 (56.70 to 57.70): VY000268.D (-515) (-)

4.98



#12

1,1-Dichloroethene

Concen: 11.592 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

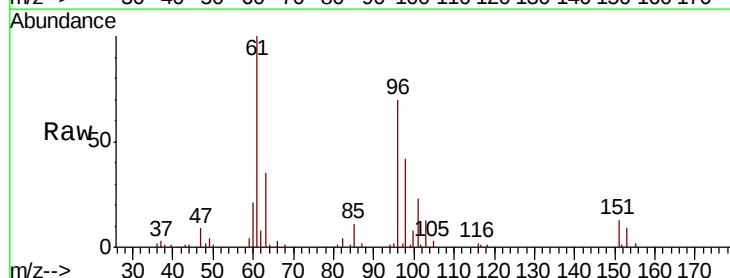
Tgt Ion: 96 Resp: 30985

Ion Ratio Lower Upper

96 100

61 143.8 125.8 188.6

98 59.7 46.2 69.2

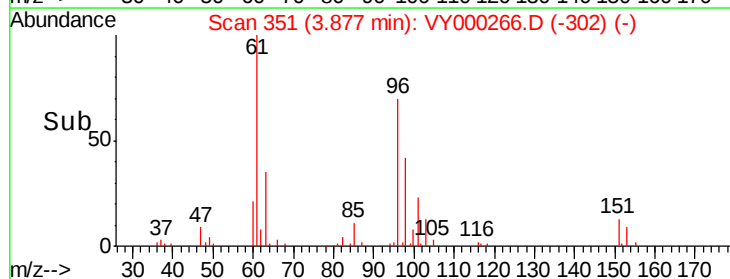
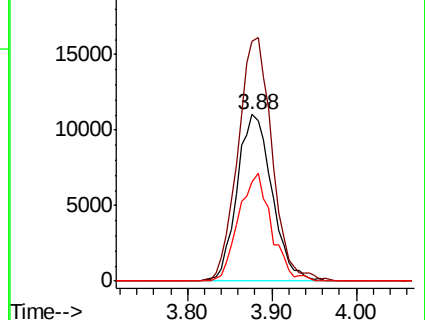


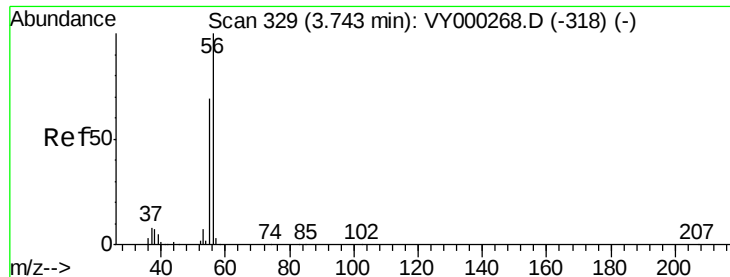
Abundance Ion 95.90 (95.60 to 96.60): VY000268.D (-339) (-)

Ion 60.90 (60.60 to 61.60): VY000268.D (-339) (-)

Ion 97.90 (97.60 to 98.60): VY000268.D (-339) (-)

3.88





#13

Acrolein

Concen: 51.876 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

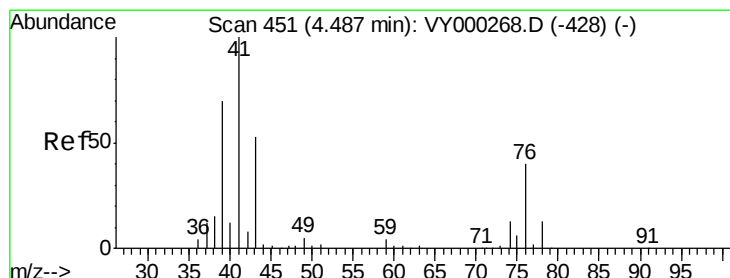
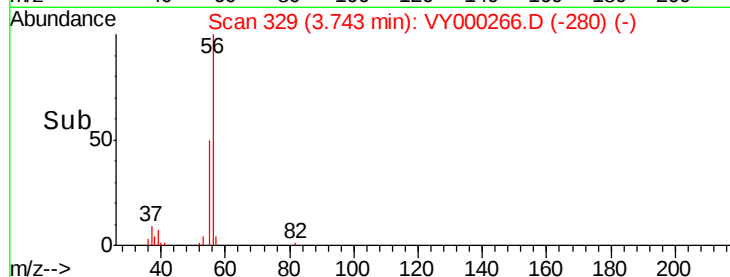
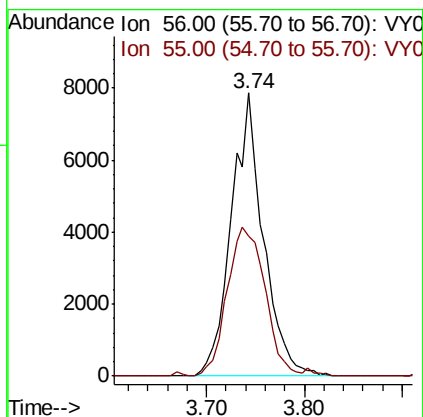
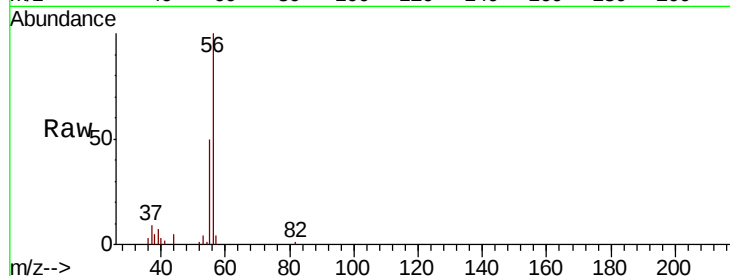
ClientSampleId :

Tot Ion: 56 Resp: 17768

Ion Ratio Lower Upper

56 100

55 62.3 55.7 83.5



#14

Allyl chloride

Concen: 10.595 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

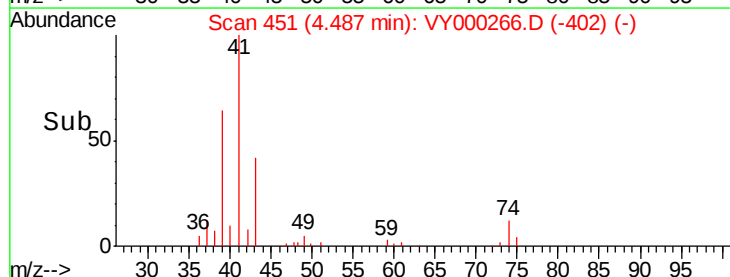
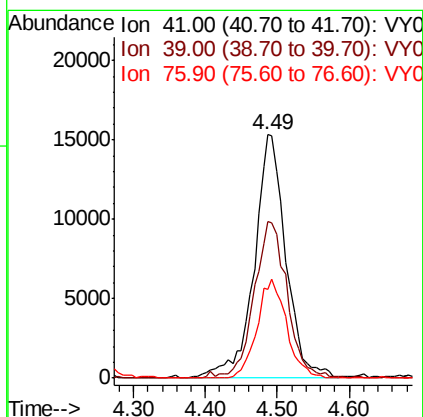
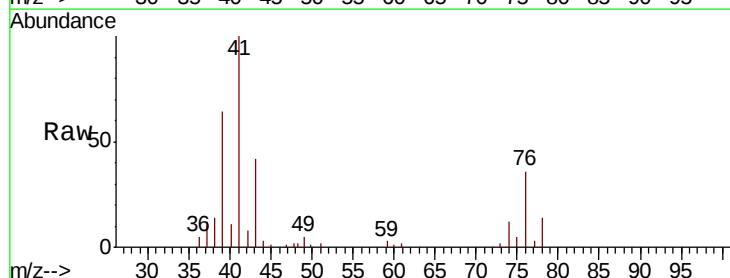
Tgt Ion: 41 Resp: 46928

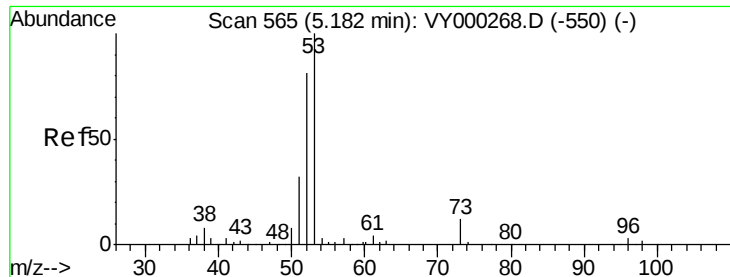
Ion Ratio Lower Upper

41 100

39 66.6 54.0 81.0

76 37.8 30.7 46.1





#15

Acrylonitrile

Concen: 51.499 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

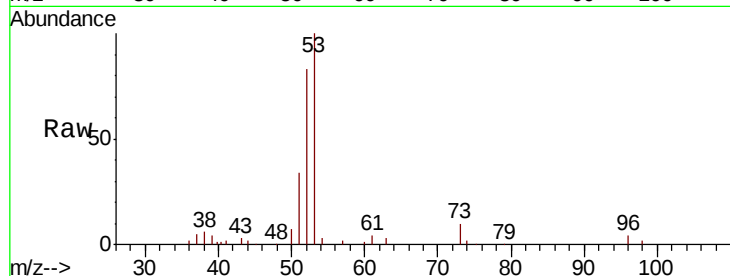
Tot Ion: 53 Resp: 45461

Ion Ratio Lower Upper

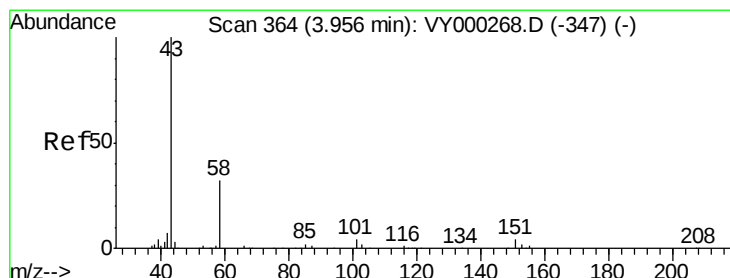
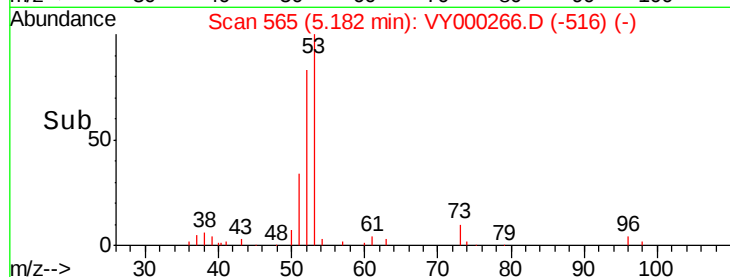
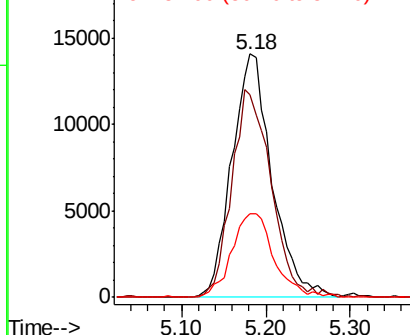
53 100

52 84.2 62.9 94.3

51 36.4 26.9 40.3



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 48.933 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000266.D

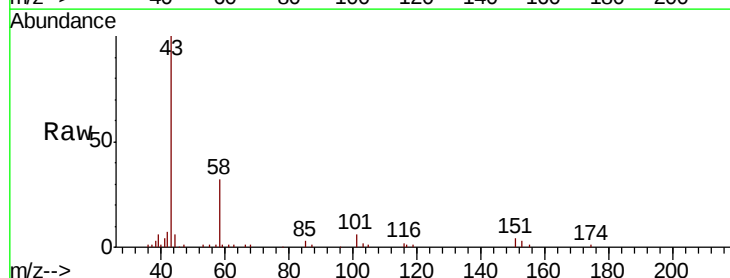
Acq: 11 Oct 2019 13:08

Tgt Ion: 43 Resp: 44238

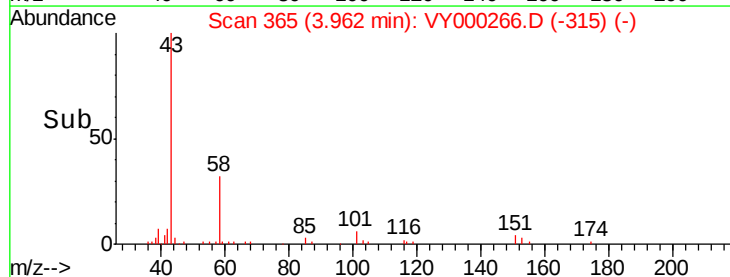
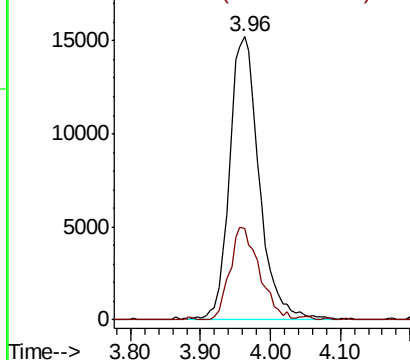
Ion Ratio Lower Upper

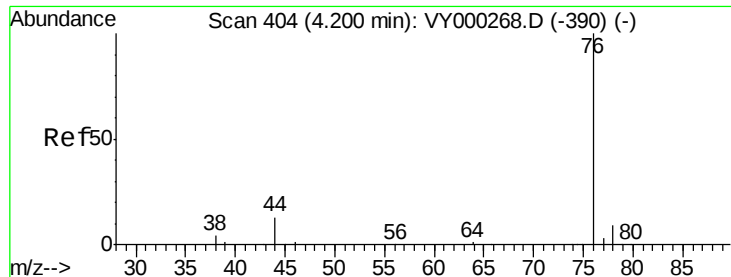
43 100

58 32.2 25.8 38.6



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

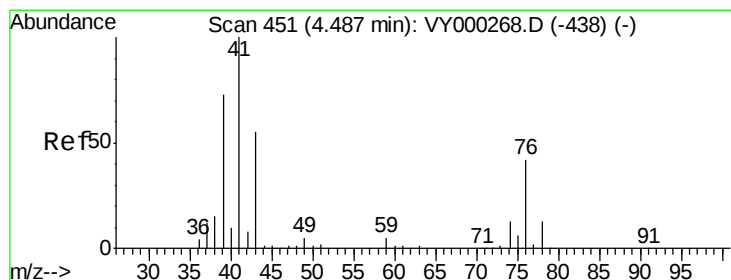
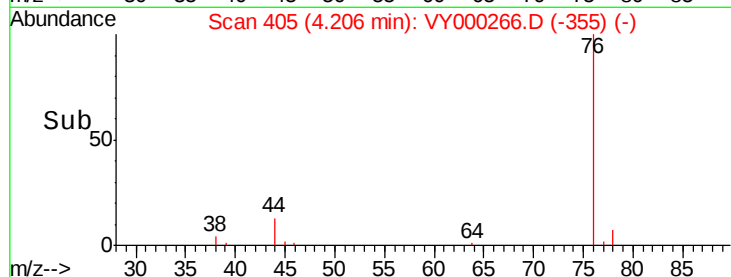
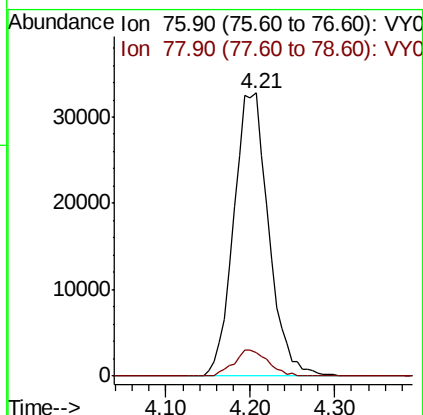
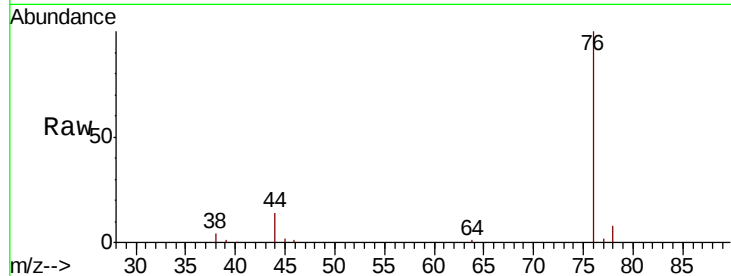




#17
Carbon Disulfide
Concen: 10.925 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

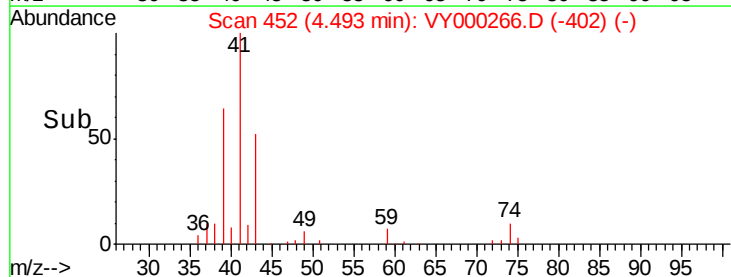
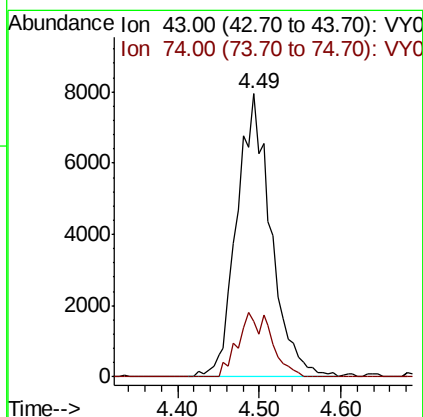
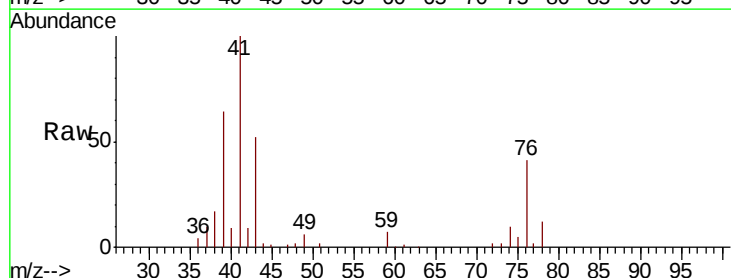
Instrument :
MSVOA_Y
ClientSampleId :

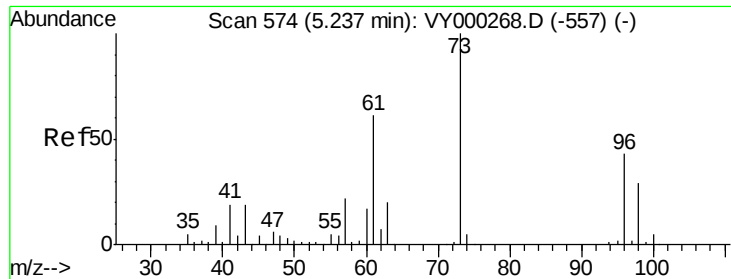
Tot Ion: 76 Resp: 91944
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 10.276 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 43 Resp: 23083
Ion Ratio Lower Upper
43 100
74 13.4 20.4 30.6#

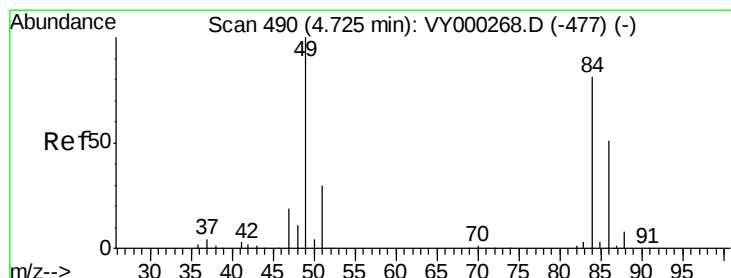
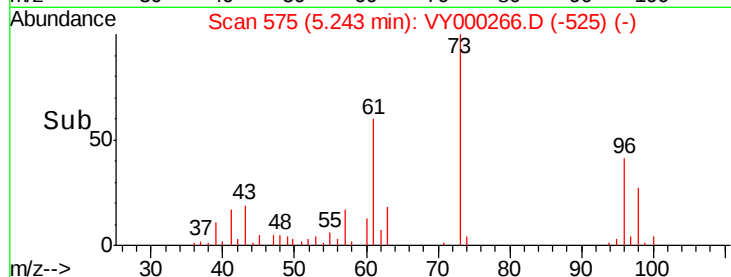
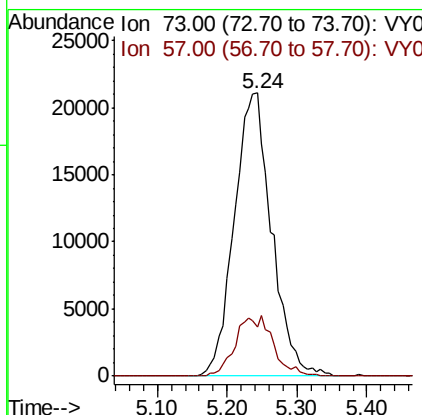
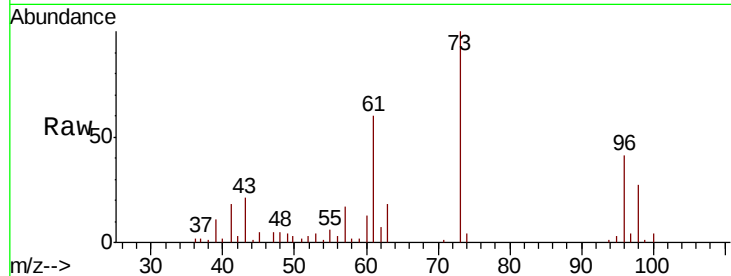




#19
Methvl tert-butvl Ether
Concen: 10.506 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

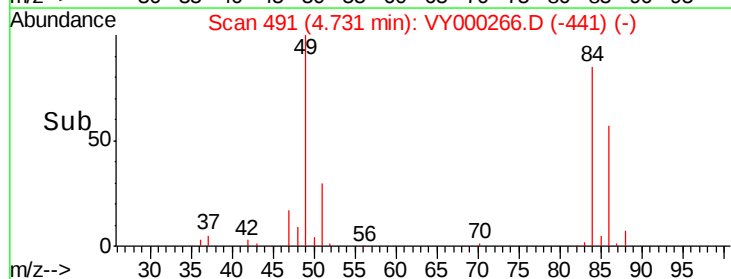
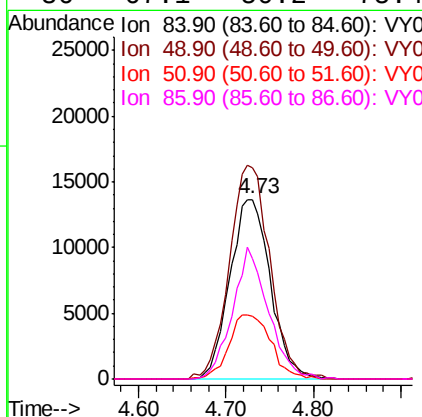
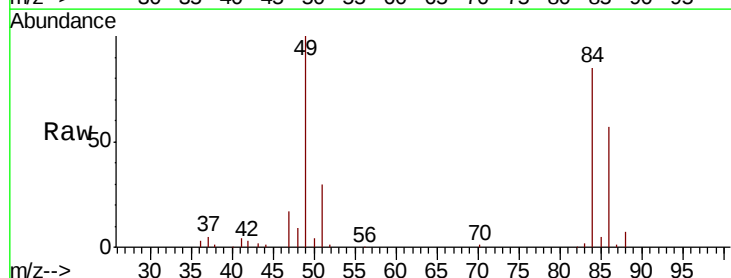
Instrument :
MSVOA_Y
ClientSampleId :

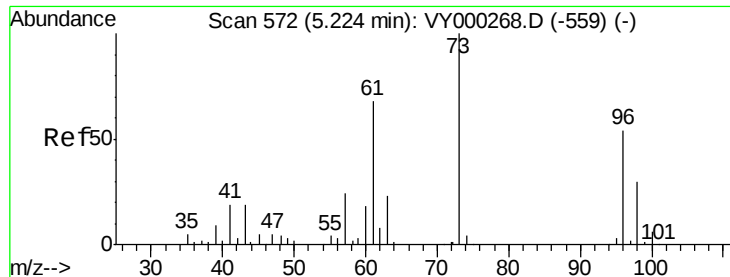
Tot Ion: 73 Resp: 78173
Ion Ratio Lower Upper
73 100
57 17.3 17.4 26.0#



#20
Methylene Chloride
Concen: 11.864 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 84 Resp: 43982
Ion Ratio Lower Upper
84 100
49 117.8 99.0 148.4
51 34.9 29.3 43.9
86 67.1 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 10.779 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

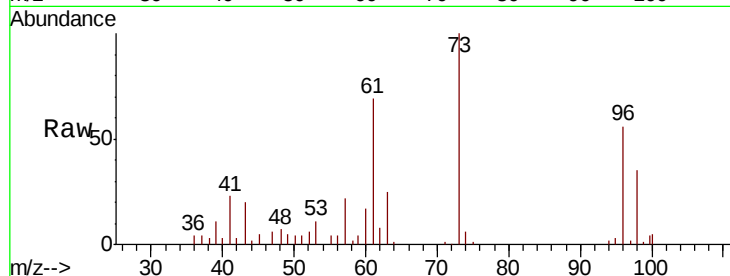
Tot Ion: 96 Resp: 33055

Ion Ratio Lower Upper

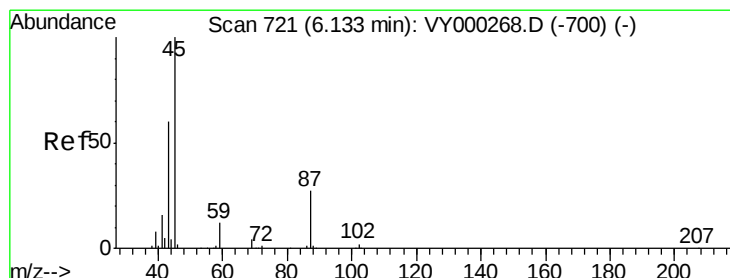
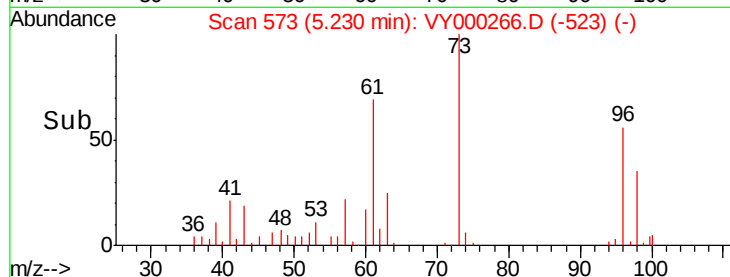
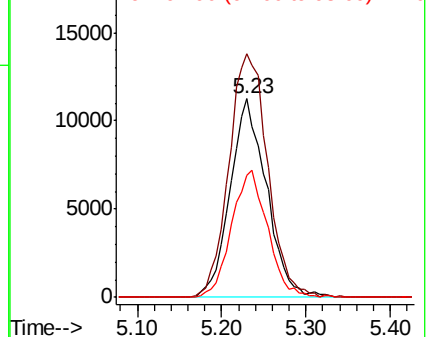
96 100

61 122.8 100.4 150.6

98 61.5 44.6 66.8



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



#22

Diisopropyl ether

Concen: 10.268 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion: 45 Resp: 96196

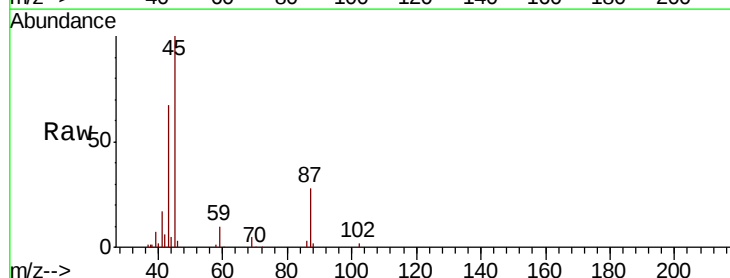
Ion Ratio Lower Upper

45 100

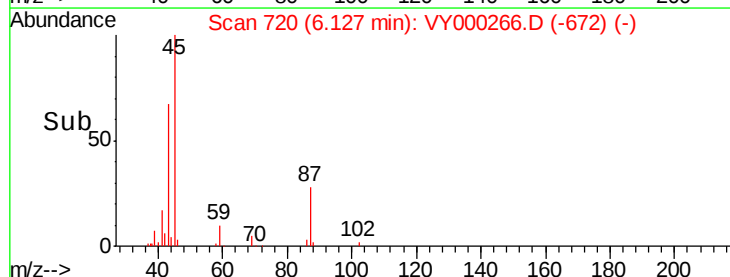
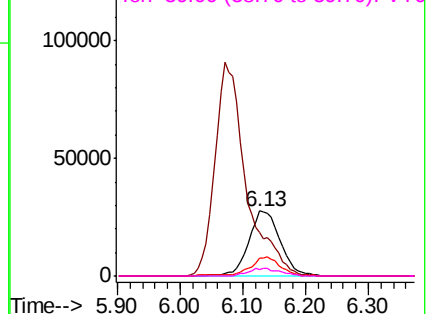
43 65.8 48.5 72.7

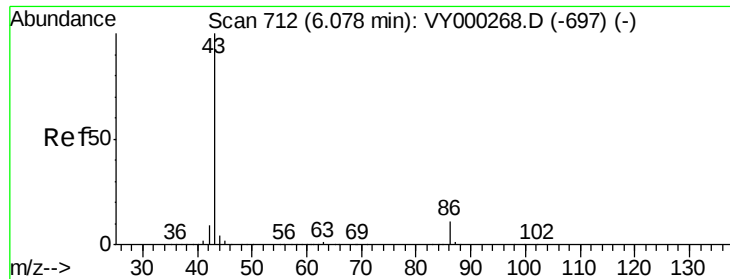
87 27.6 21.5 32.3

59 10.3 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 51.166 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

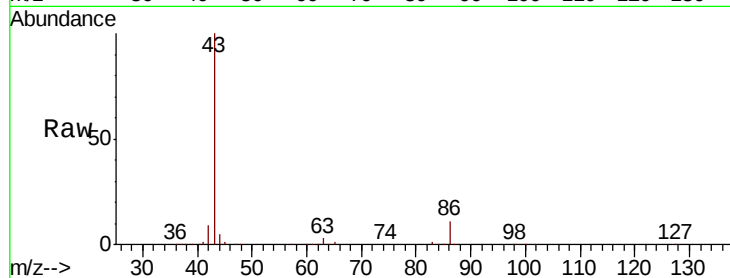
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 312718

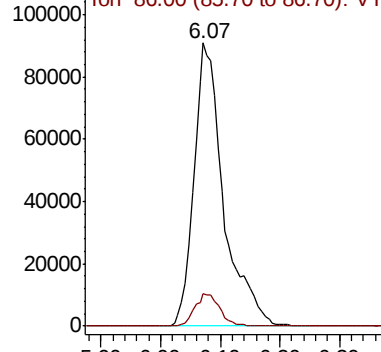
Ion Ratio Lower Upper

43 100

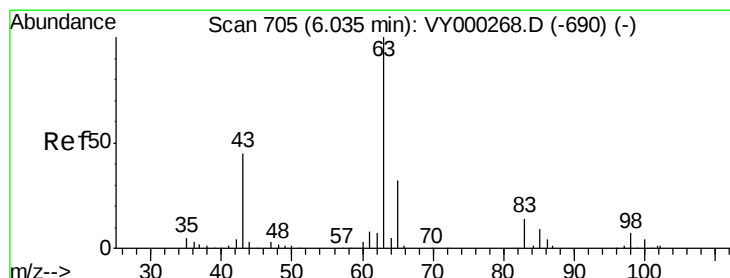
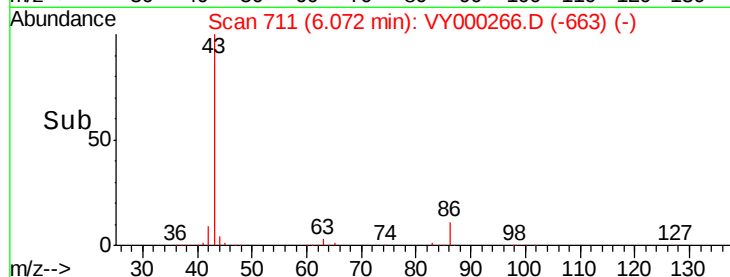
86 11.4 8.6 13.0



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



Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 10.906 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

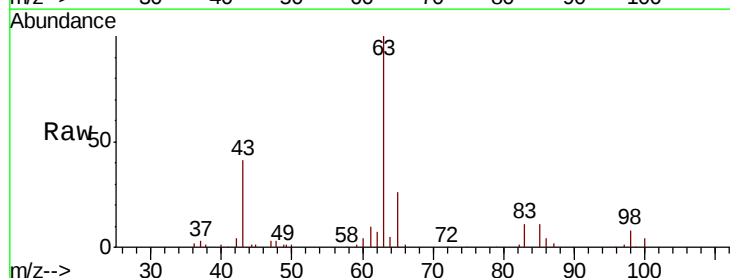
Tgt Ion: 63 Resp: 55768

Ion Ratio Lower Upper

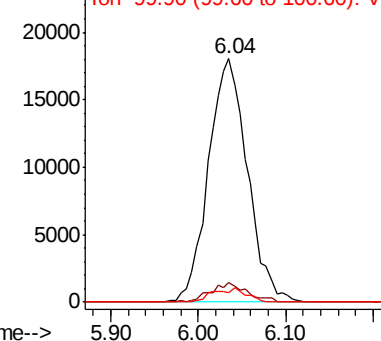
63 100

98 8.2 3.5 10.4

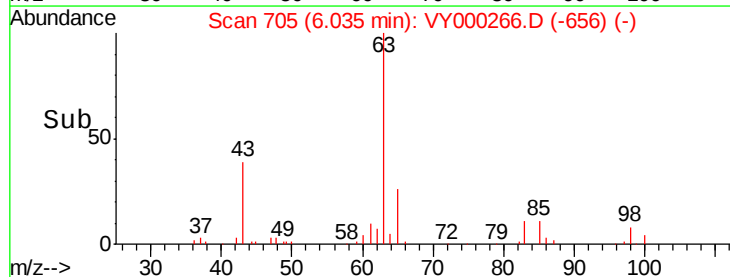
100 3.7 2.1 6.2

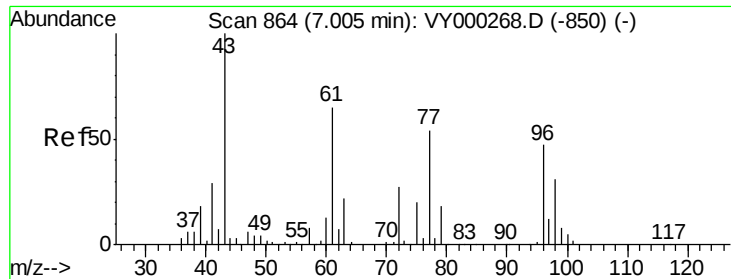


Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



Time--> 5.90 6.00 6.10

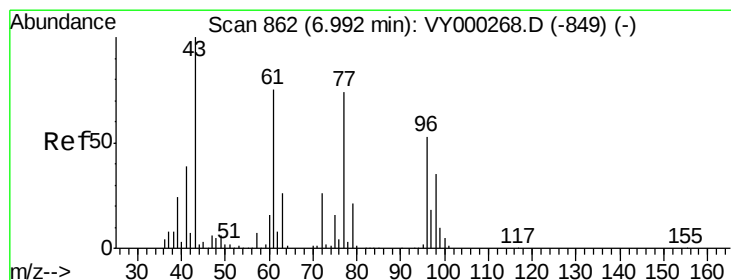
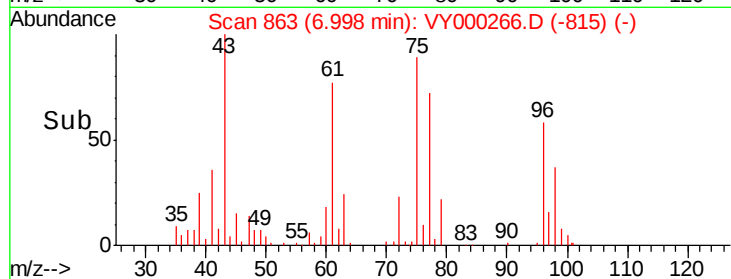
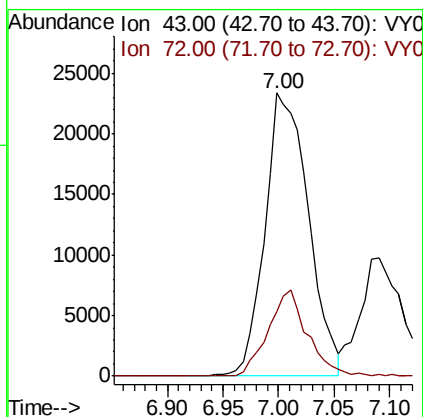
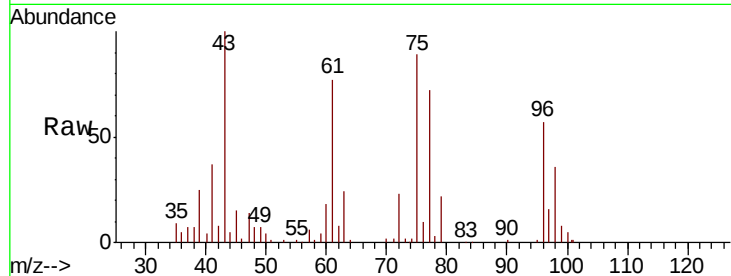




#25
2-Butanone
Concen: 50.012 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

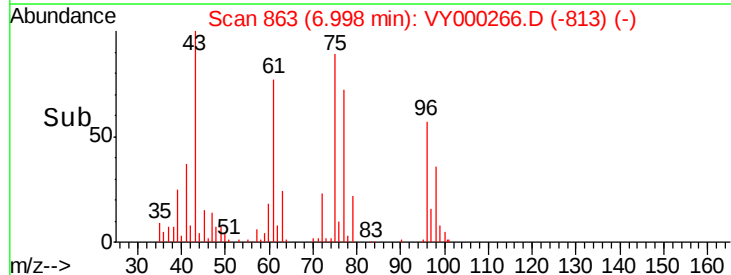
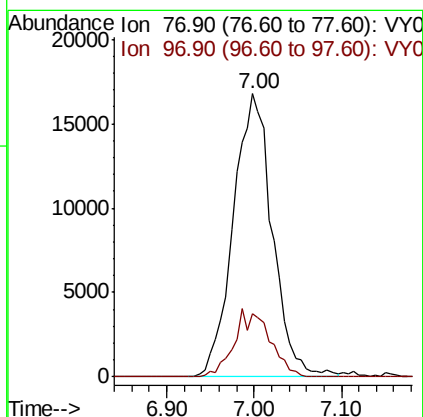
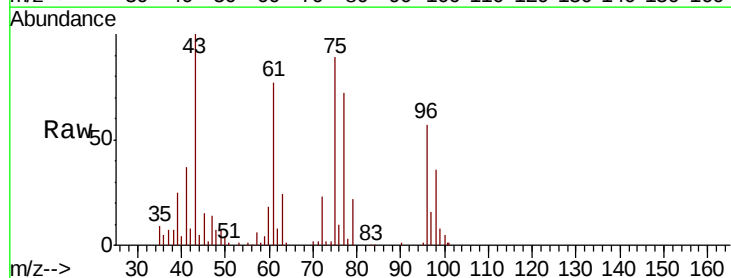
Instrument :
MSVOA_Y
ClientSampled :

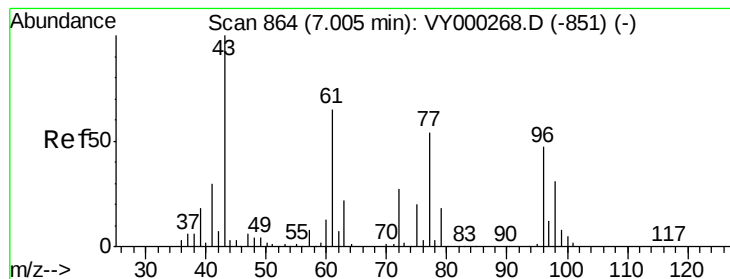
Tot Ion: 43 Resp: 63691
Ion Ratio Lower Upper
43 100
72 22.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 11.028 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 77 Resp: 51966
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.7



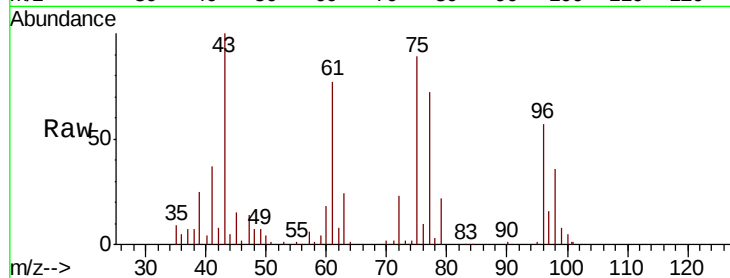


#27

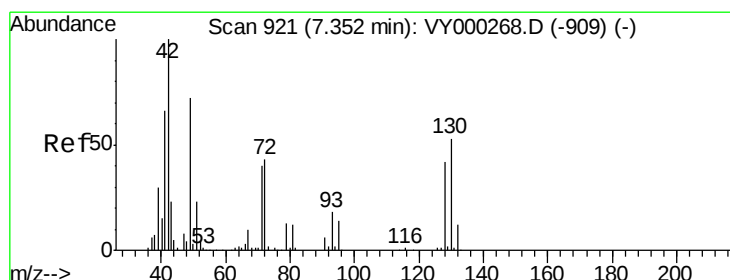
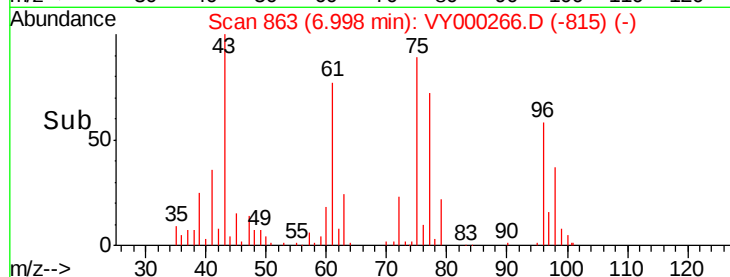
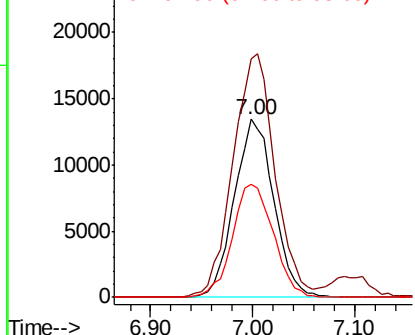
cis-1,2-Dichloroethene
Concen: 10.896 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 36157
Ion Ratio Lower Upper
96 100
61 144.8 0.0 289.8
98 65.4 0.0 131.8



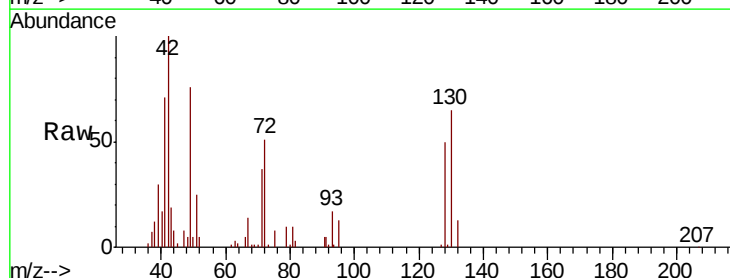
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



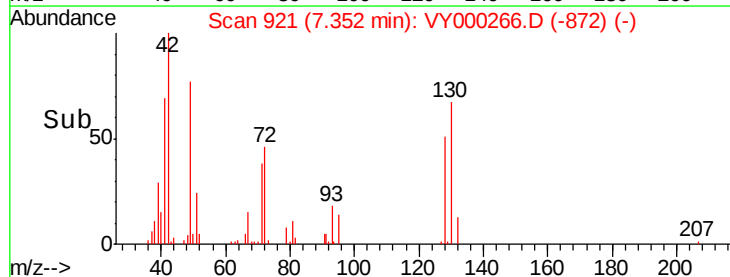
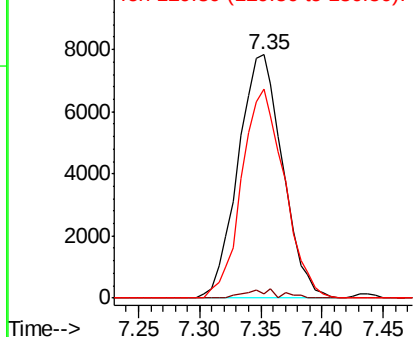
#28

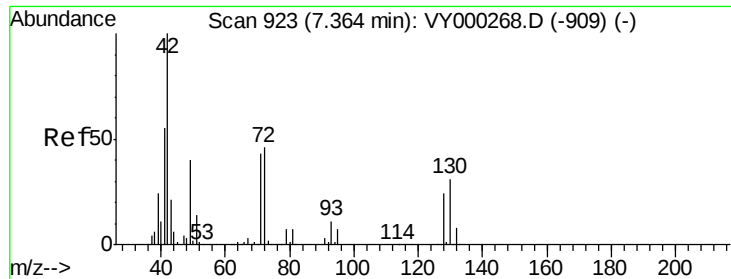
Bromochloromethane
Concen: 9.016 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 49 Resp: 19792
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.0
130 82.6 58.2 87.2



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

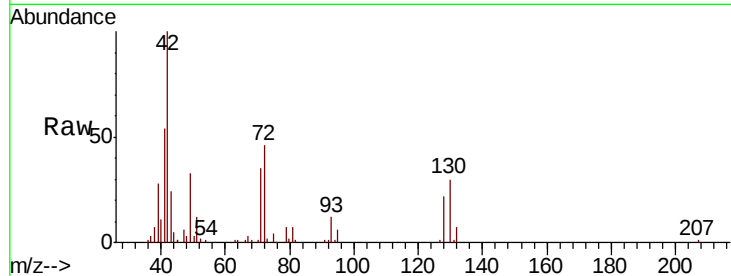




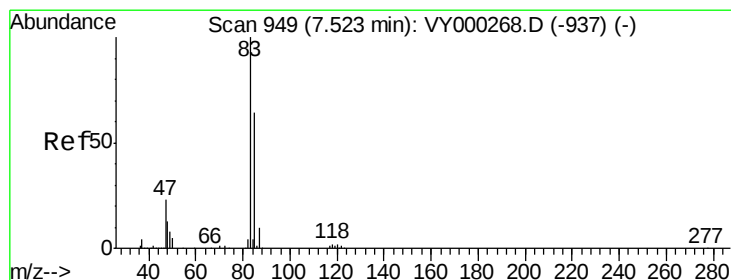
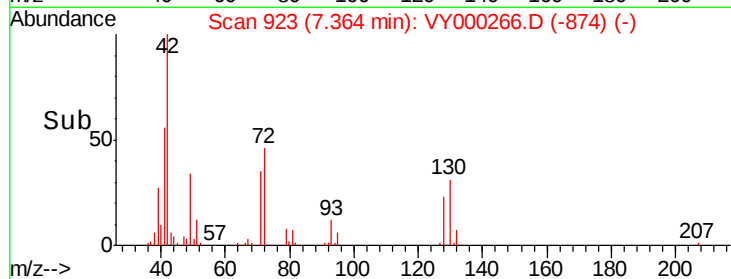
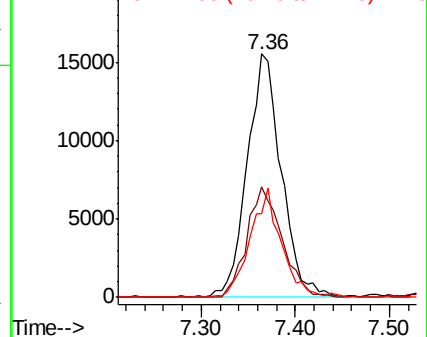
#29
Tetrahydrofuran
Concen: 51.175 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 39497
Ion Ratio Lower Upper
42 100
72 46.6 34.5 51.7
71 40.5 32.7 49.1

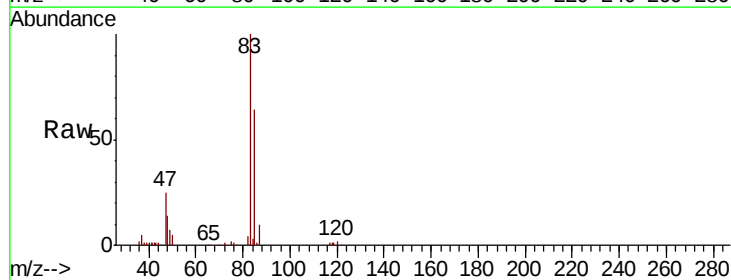


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

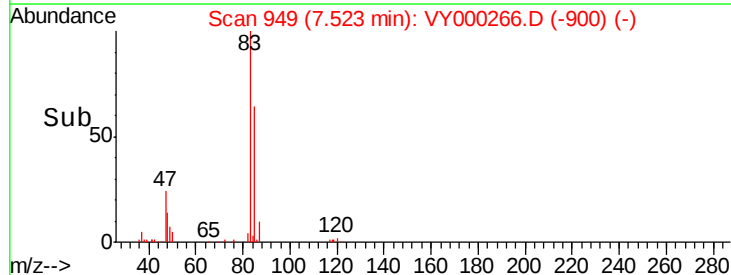
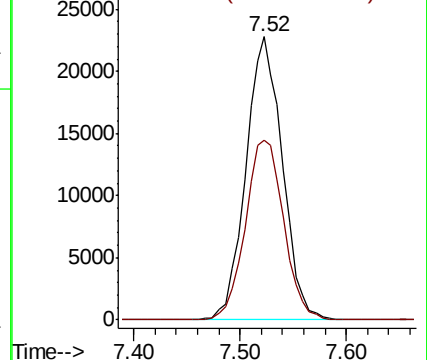


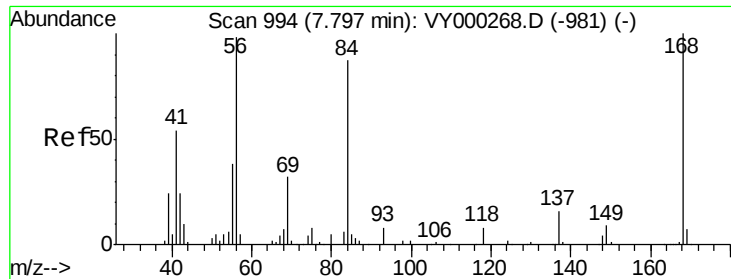
#30
Chloroform
Concen: 10.606 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 83 Resp: 54616
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2



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

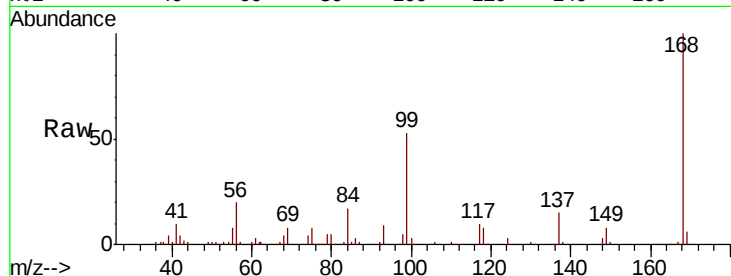




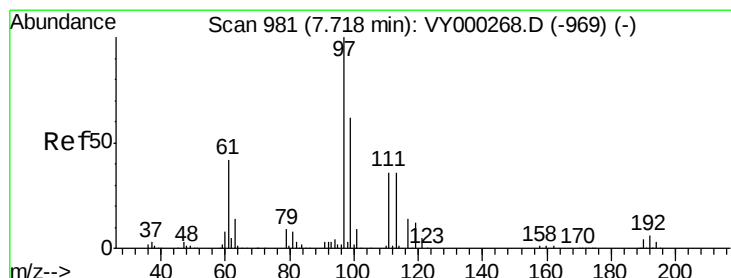
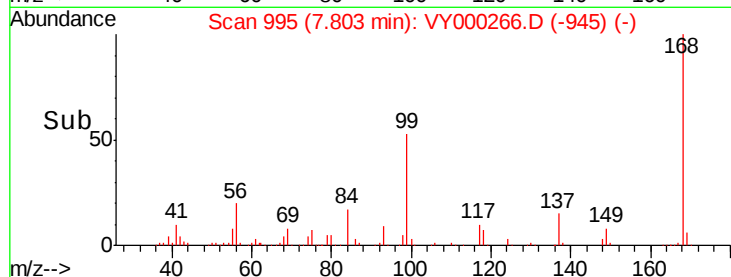
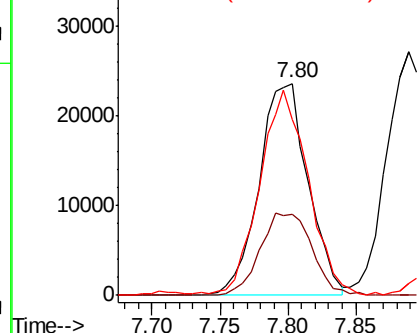
#31
Cyclohexane
Concen: 11.164 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 59627
Ion Ratio Lower Upper
56 100
69 38.4 26.3 39.5
84 81.9 70.8 106.2

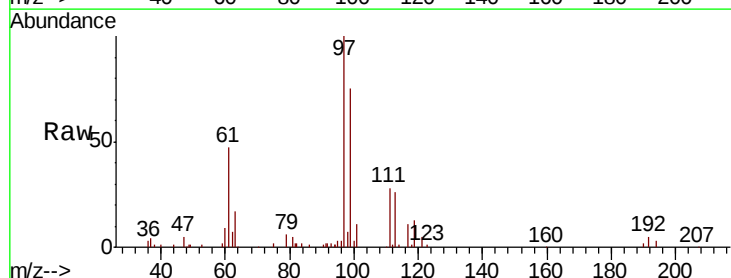


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

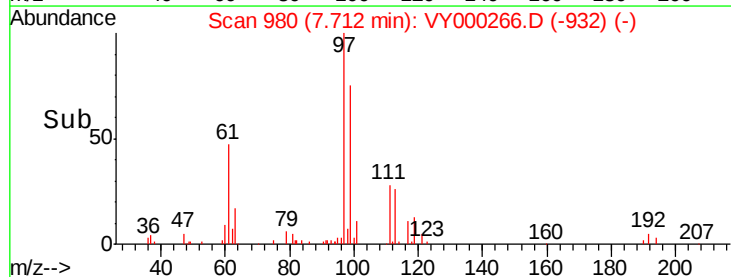
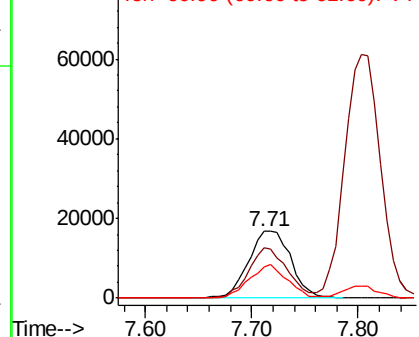


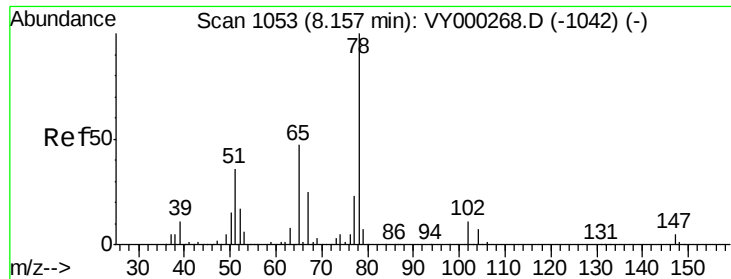
#32
1,1,1-Trichloroethane
Concen: 10.309 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 97 Resp: 47199
Ion Ratio Lower Upper
97 100
99 68.8 51.7 77.5
61 44.8 34.5 51.7



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

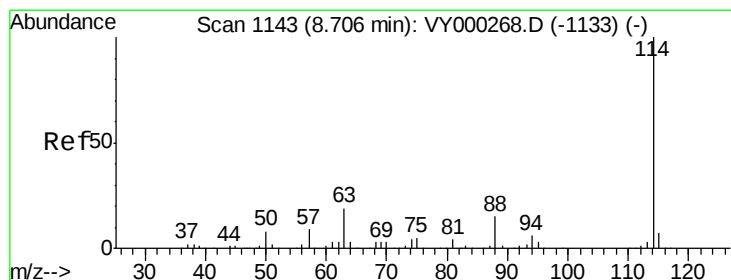
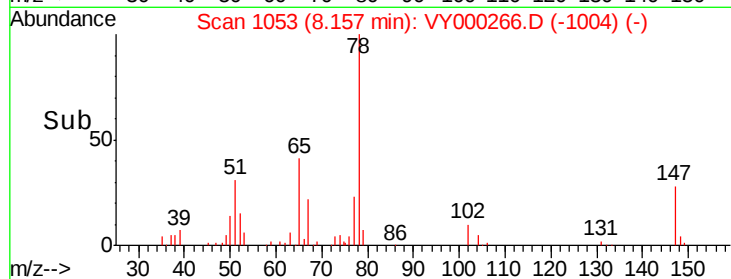
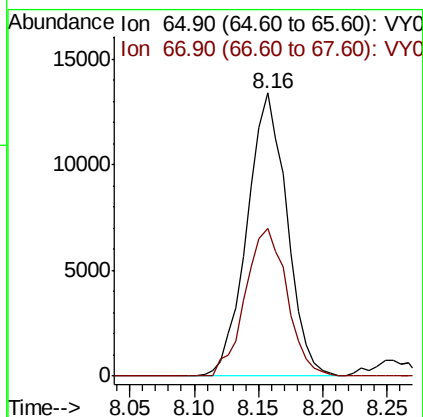
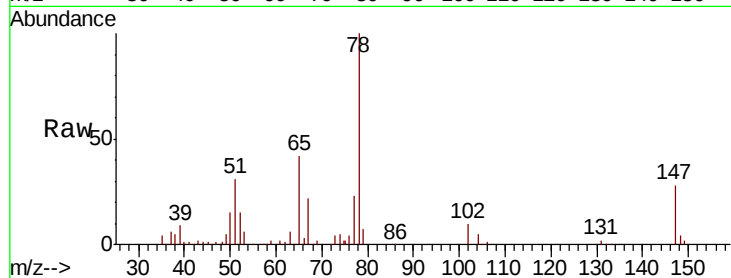




#33
 1,2-Dichloroethane-d4
 Concen: 10.276 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

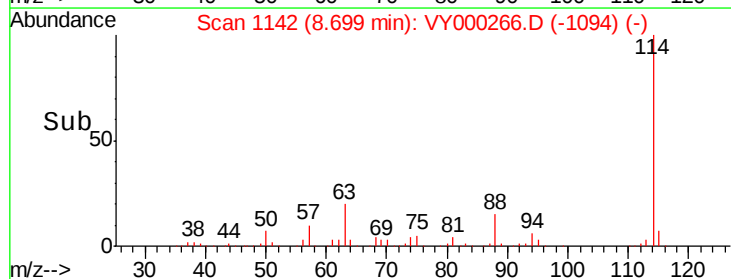
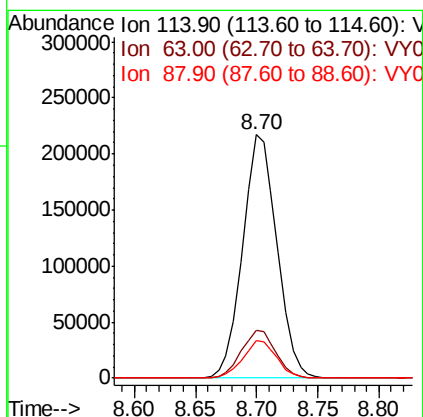
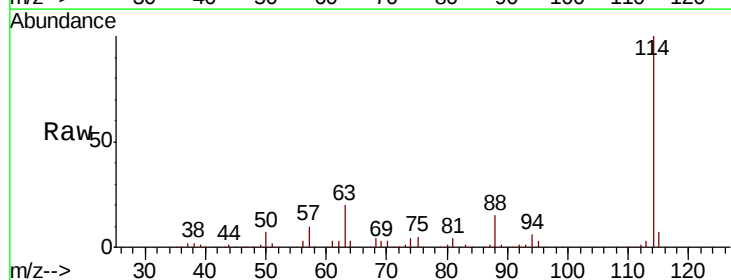
Instrument :
 MSVOA_Y
 ClientSampleId :

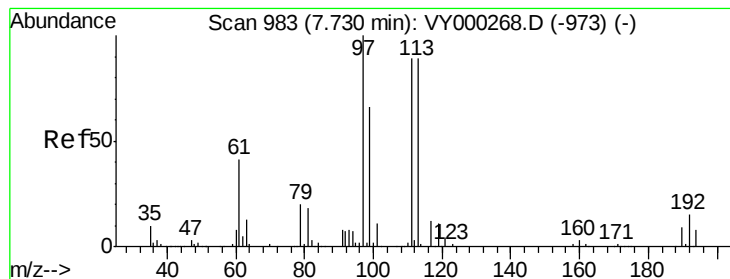
Tot Ion: 65 Resp: 28688
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion: 114 Resp: 422970
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.2
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 11.050 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

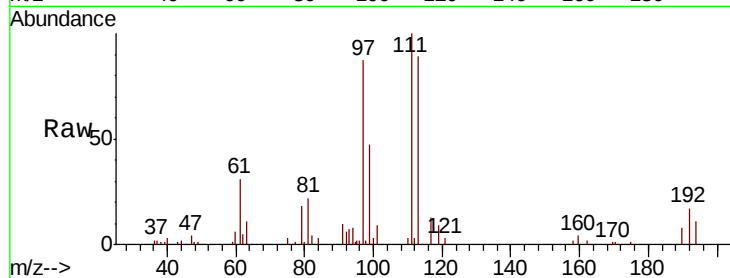
Tot Ion:113 Resp: 28194

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

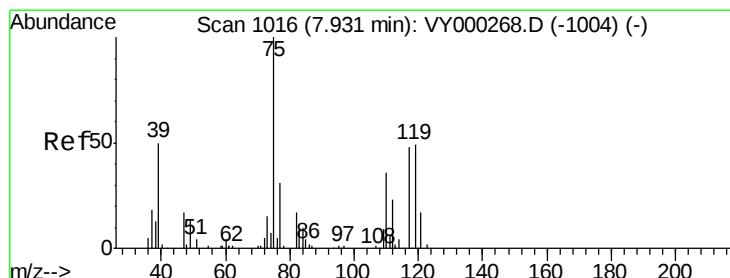
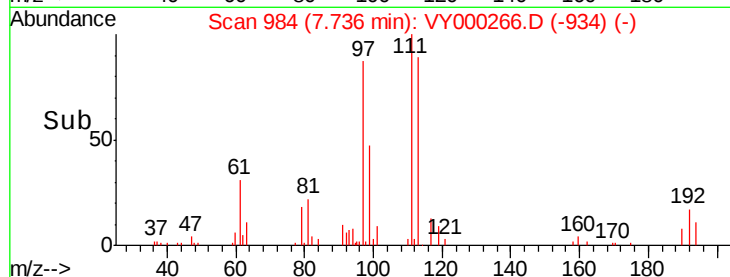
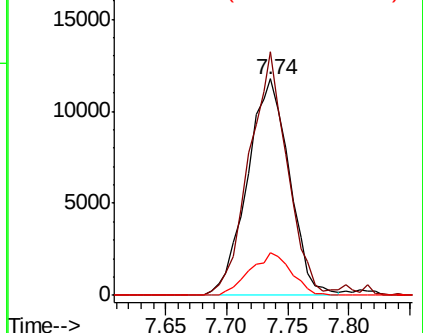
192 19.2 15.3 22.9



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: 11.020 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

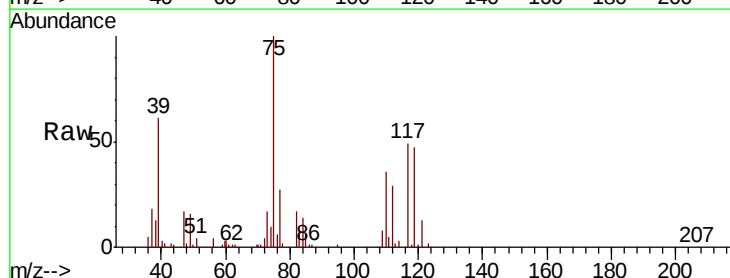
Tgt Ion: 75 Resp: 45635

Ion Ratio Lower Upper

75 100

110 35.4 18.4 55.4

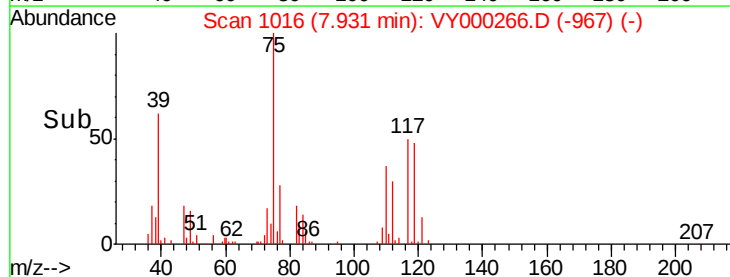
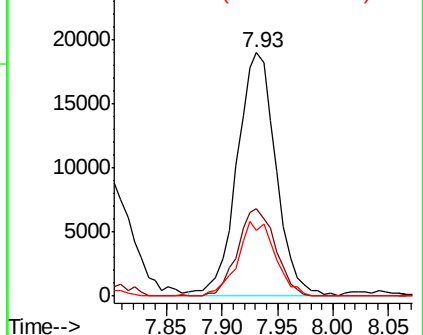
77 29.8 25.0 37.6

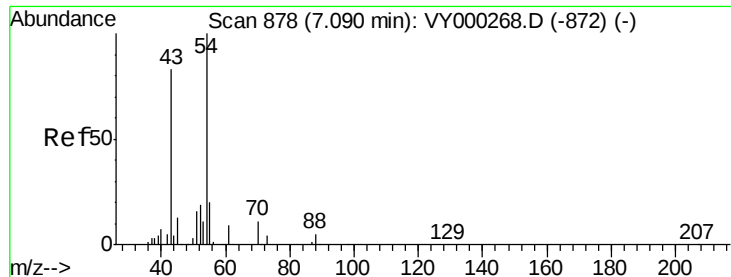


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

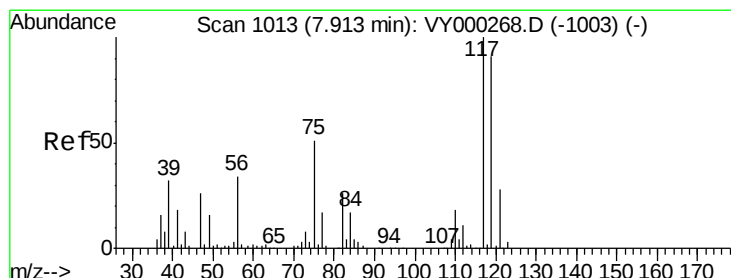
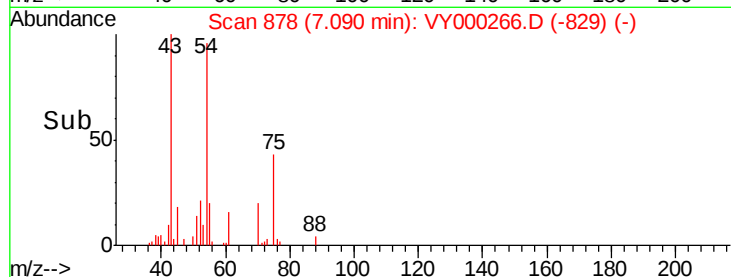
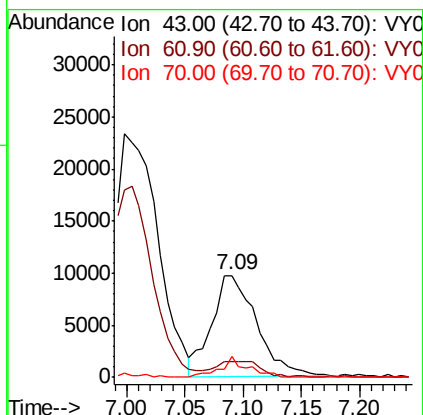
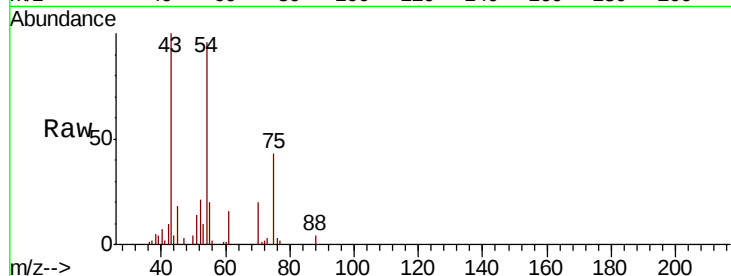




#37
Ethyl Acetate
Concen: 10.630 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

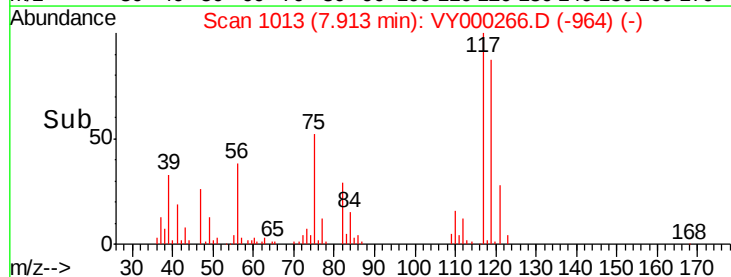
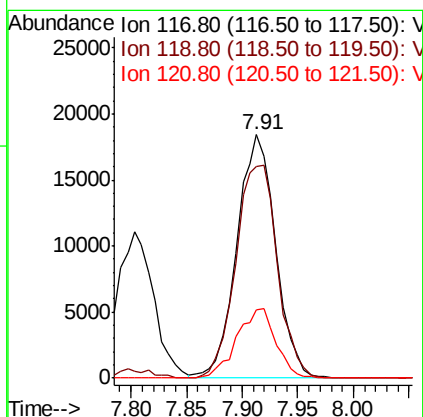
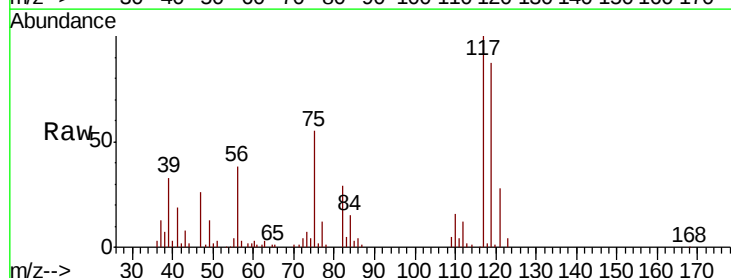
Instrument :
MSVOA_Y
ClientSampleId :

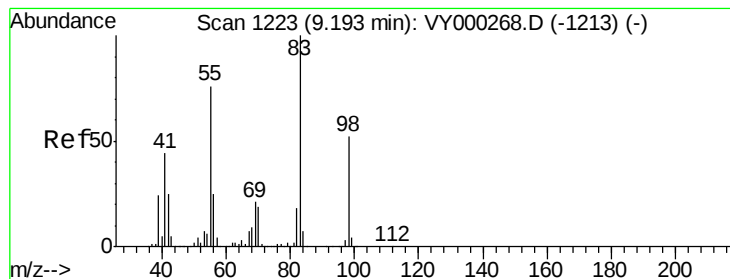
Tot Ion: 43 Resp: 26066
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 12.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 11.088 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 117 Resp: 44459
Ion Ratio Lower Upper
117 100
119 87.0 72.8 109.2
121 28.1 22.2 33.2





#39

Methvlcvclohexane

Concen: 11.019 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampled :

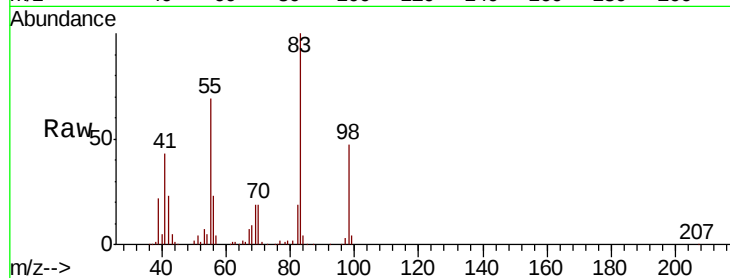
Tot Ion: 83 Resp: 59723

Ion Ratio Lower Upper

83 100

55 69.1 60.9 91.3

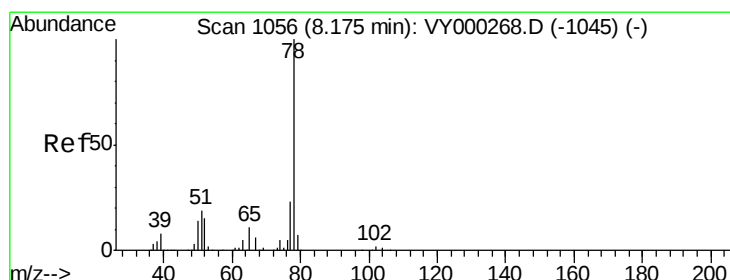
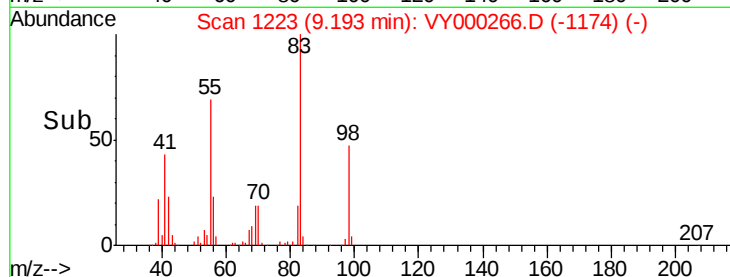
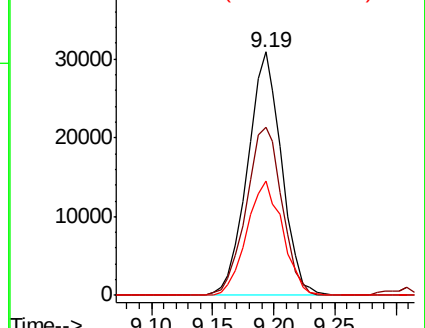
98 47.2 41.8 62.6



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: 11.030 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VY000266.D

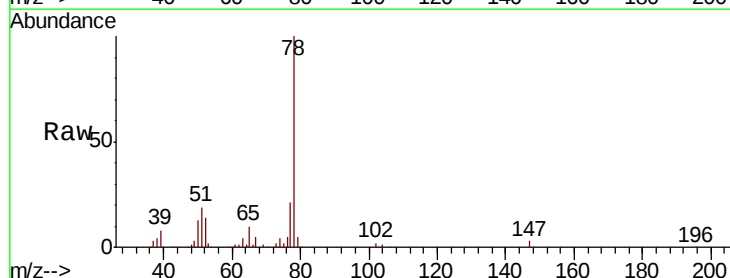
Acq: 11 Oct 2019 13:08

Tgt Ion: 78 Resp: 131996

Ion Ratio Lower Upper

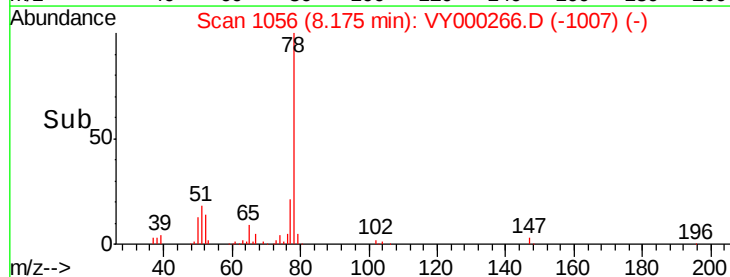
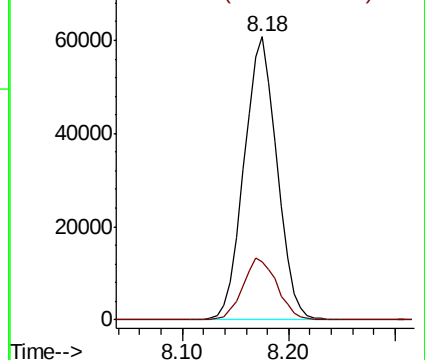
78 100

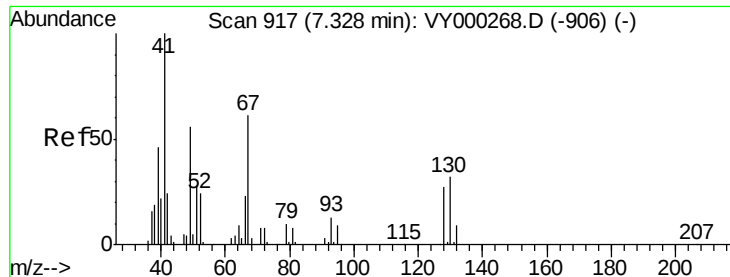
77 20.7 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

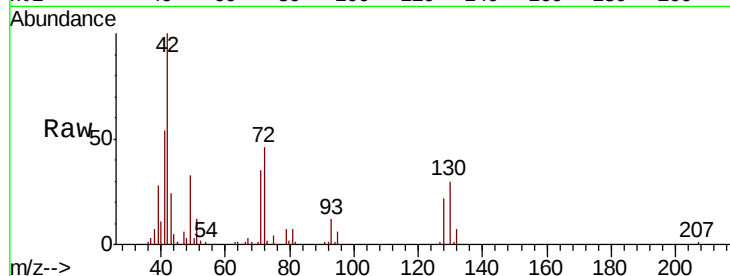




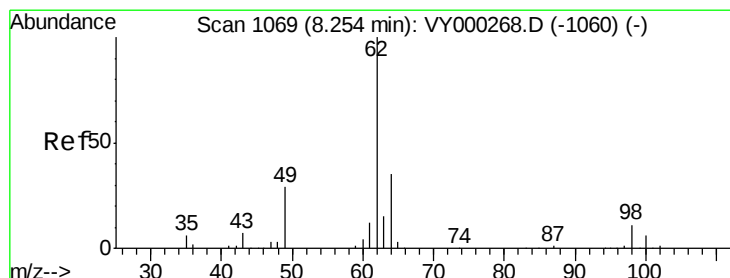
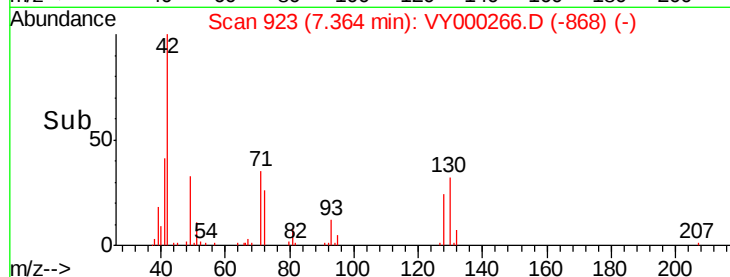
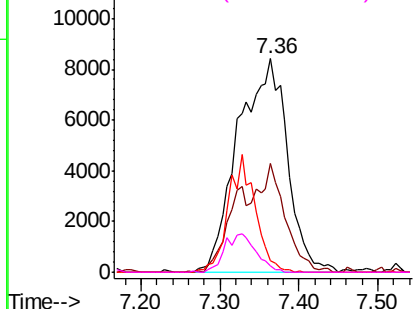
#41
Methacrylonitrile
Concen: 33.851 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.04 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 36458
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

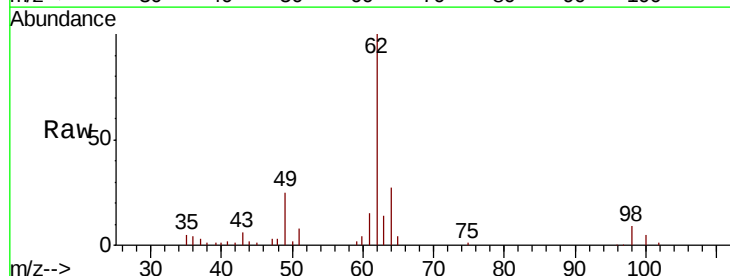


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

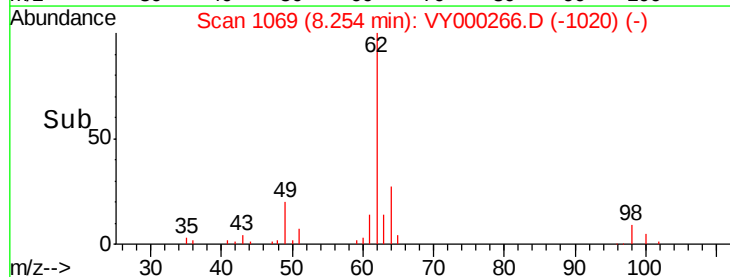
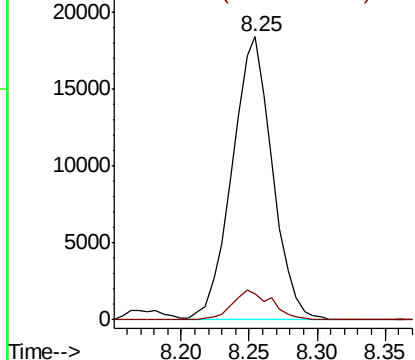


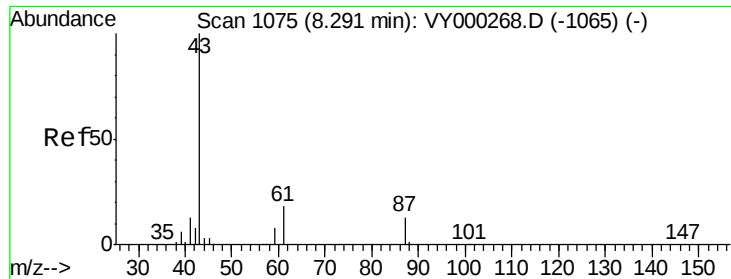
#42
1,2-Dichloroethane
Concen: 11.101 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 62 Resp: 37950
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 10.283 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

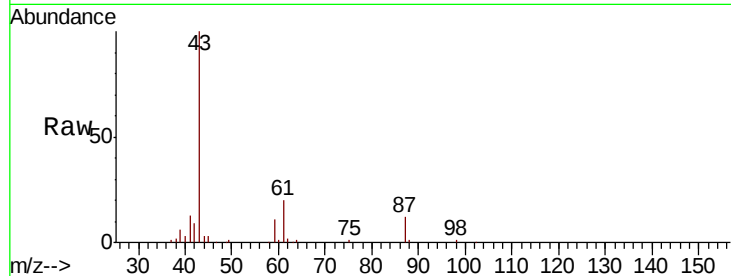
Tot Ion: 43 Resp: 47941

Ion Ratio Lower Upper

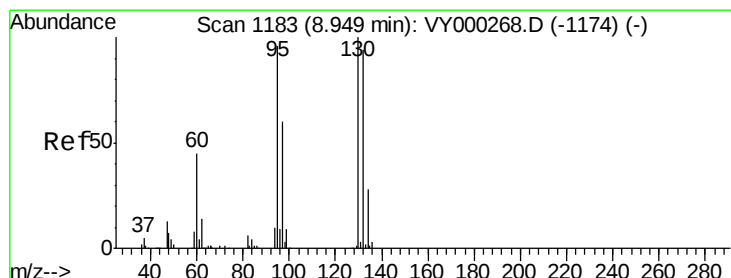
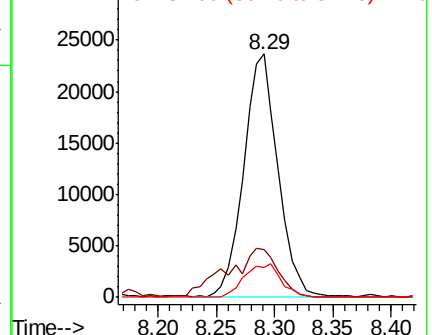
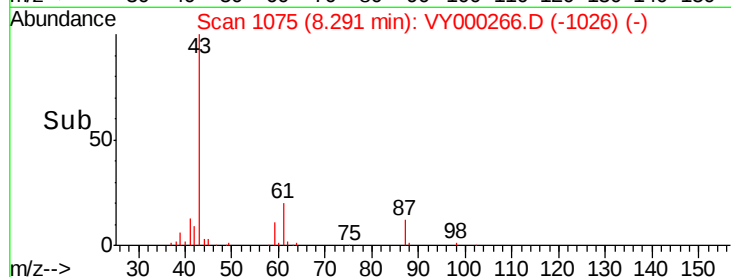
43 100

61 30.3 22.3 33.5

87 14.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000266.D (-1026) (-)



#44

Trichloroethene

Concen: 11.027 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000266.D

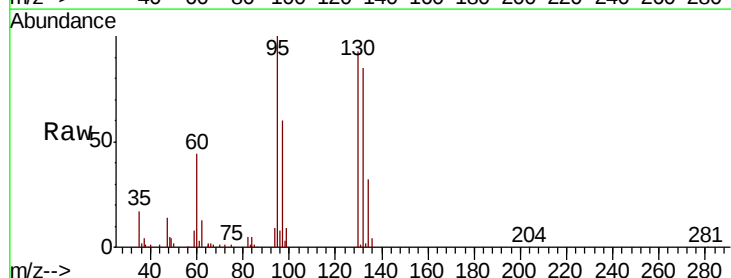
Acq: 11 Oct 2019 13:08

Tgt Ion: 130 Resp: 37026

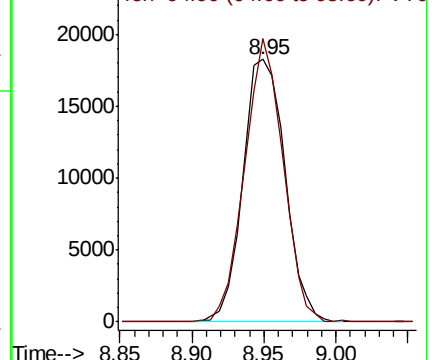
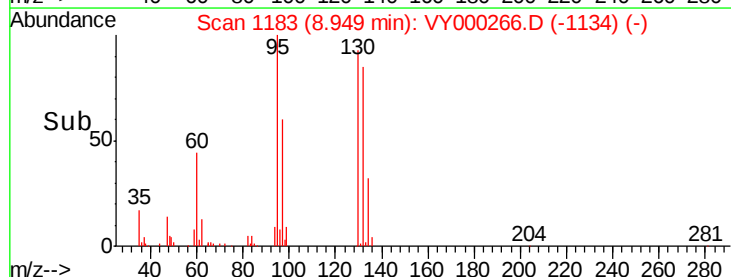
Ion Ratio Lower Upper

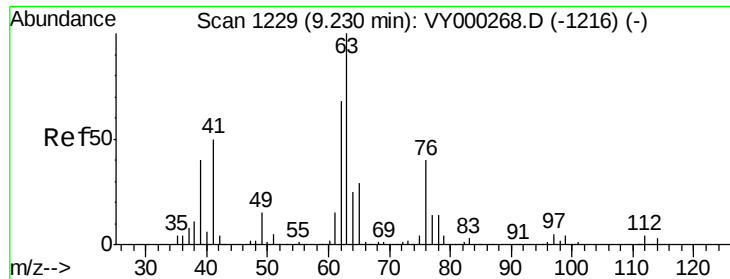
130 100

95 107.7 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000266.D (-1134) (-)

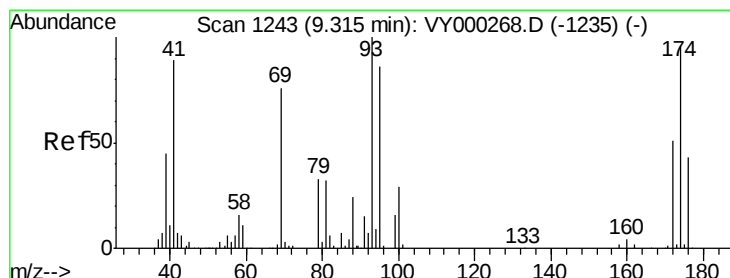
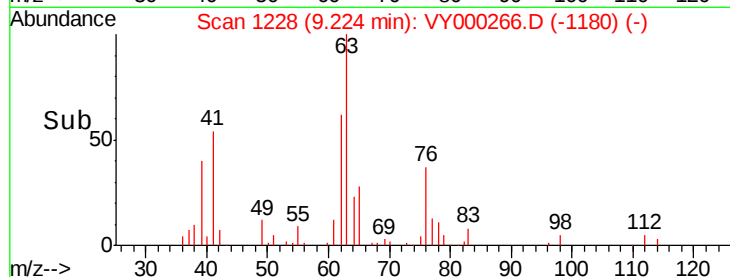
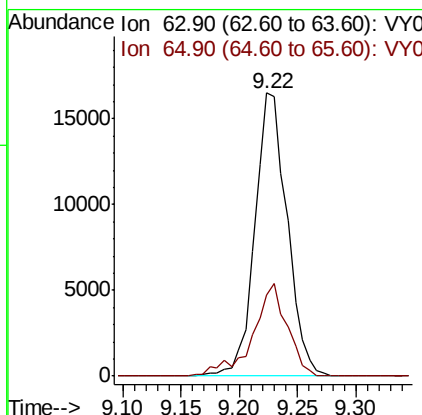
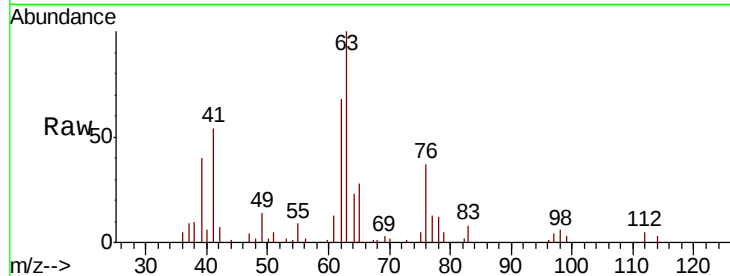




#45
 1,2-Dichloropropane
 Concen: 10.797 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

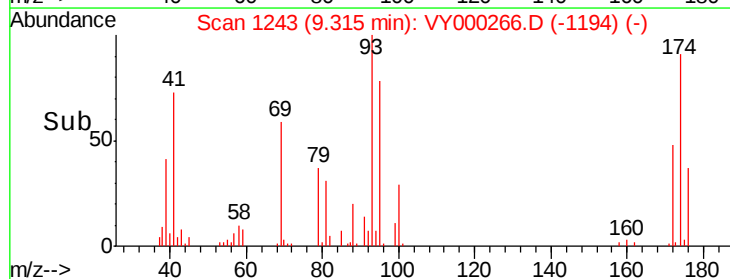
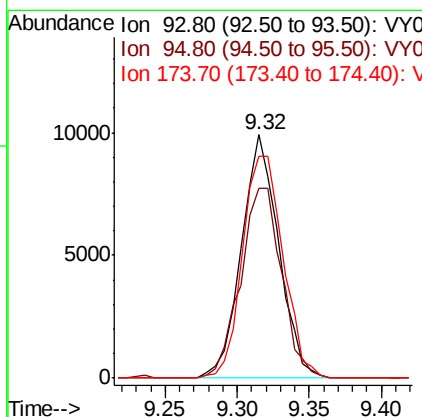
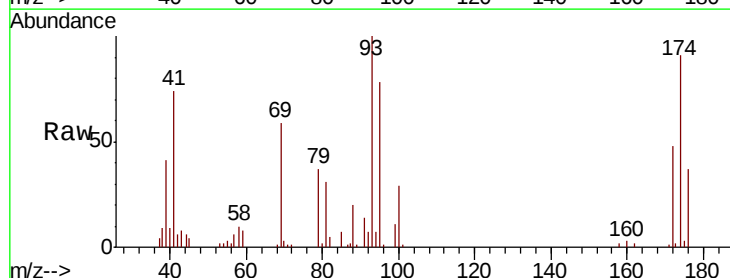
Instrument :
 MSVOA_Y
 ClientSampleId :

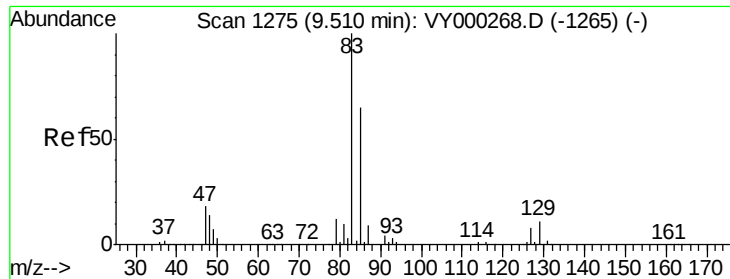
Tot Ion: 63 Resp: 31709
 Ion Ratio Lower Upper
 63 100
 65 28.5 23.2 34.8



#46
 Dibromomethane
 Concen: 10.805 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion: 93 Resp: 17739
 Ion Ratio Lower Upper
 93 100
 95 85.9 68.2 102.2
 174 99.5 79.8 119.6





#47

Bromodichloromethane

Concen: 10.900 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

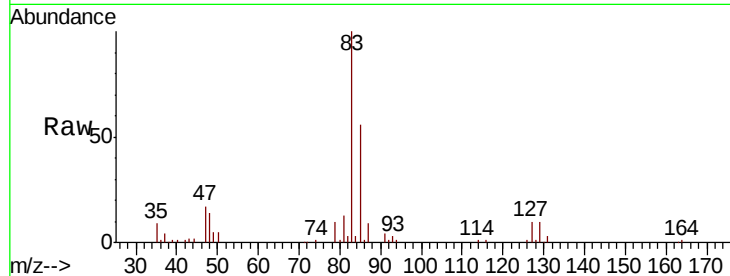
Tot Ion: 83 Resp: 42172

Ion Ratio Lower Upper

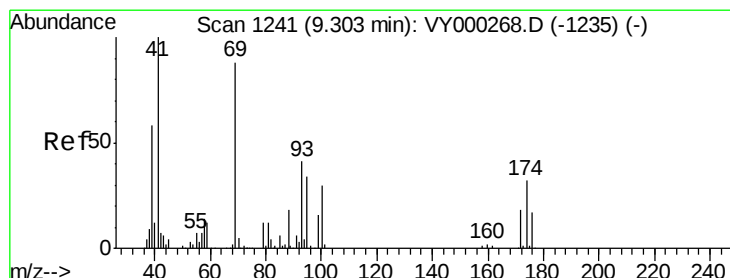
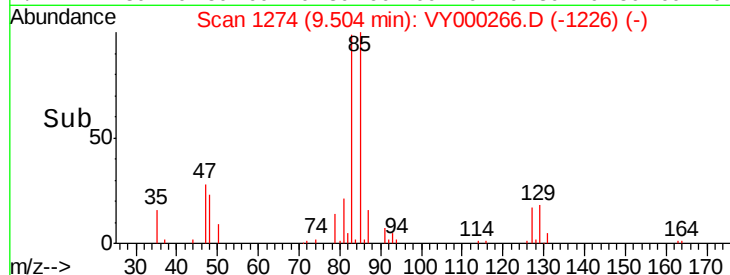
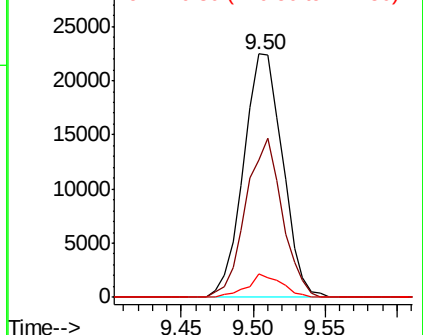
83 100

85 56.2 52.2 78.2

127 9.7 6.3 9.5#



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



#48

Methyl methacrylate

Concen: 9.928 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

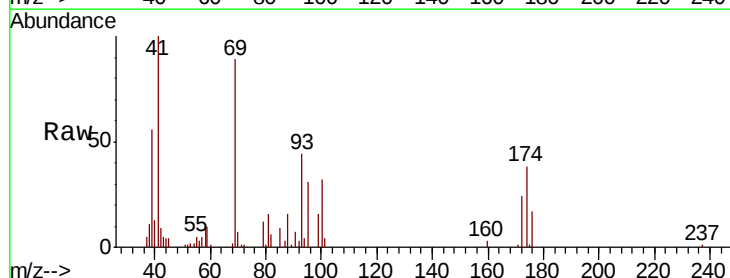
Tgt Ion: 41 Resp: 20286

Ion Ratio Lower Upper

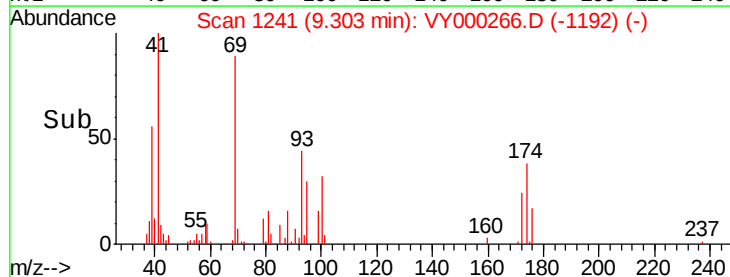
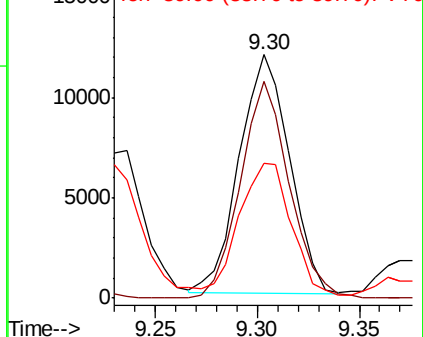
41 100

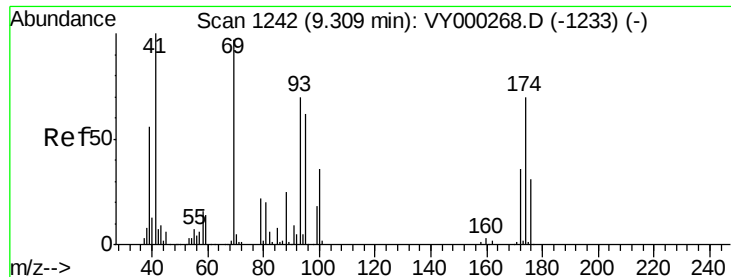
69 88.9 70.0 105.0

39 59.7 47.7 71.5



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

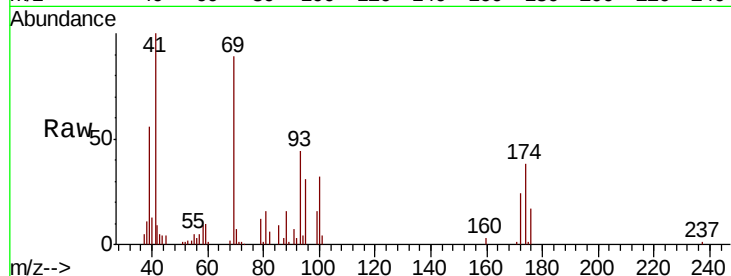




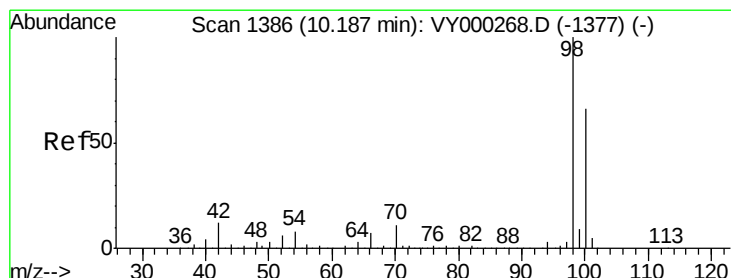
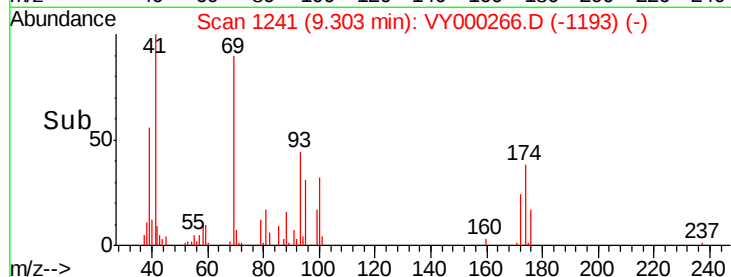
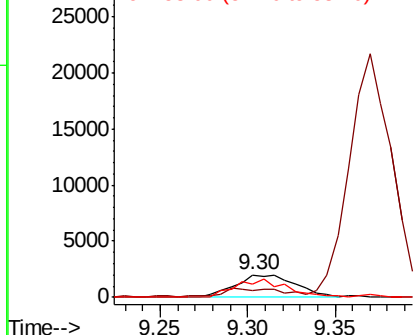
#49
1,4-Dioxane
Concen: 194.101 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 4778
Ion Ratio Lower Upper
88 100
43 35.2 25.6 38.4
58 70.7 54.6 81.8

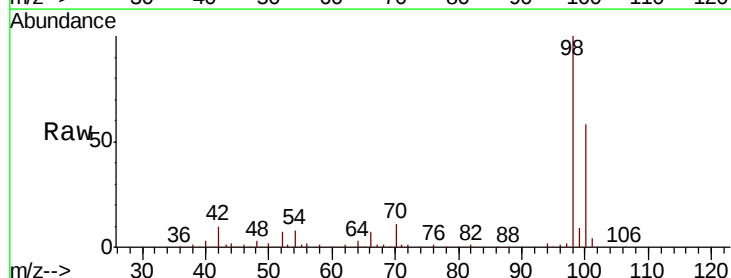


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

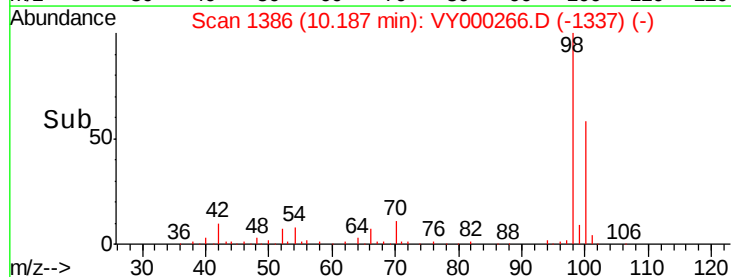
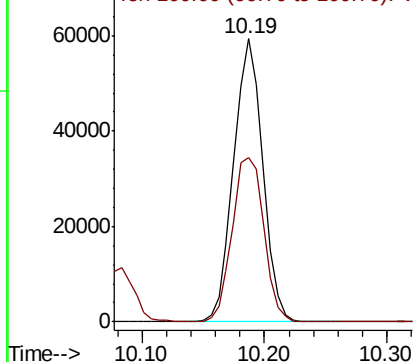


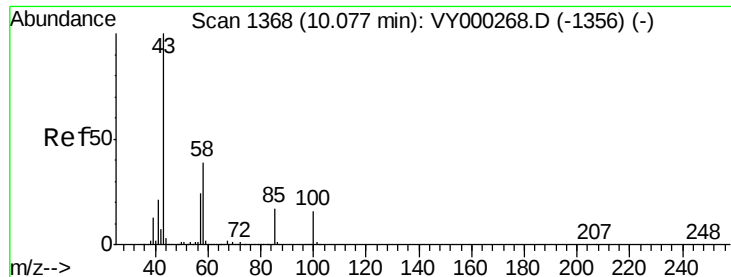
#50
Toluene-d8
Concen: 9.947 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 98 Resp: 97625
Ion Ratio Lower Upper
98 100
100 63.4 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 50.438 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

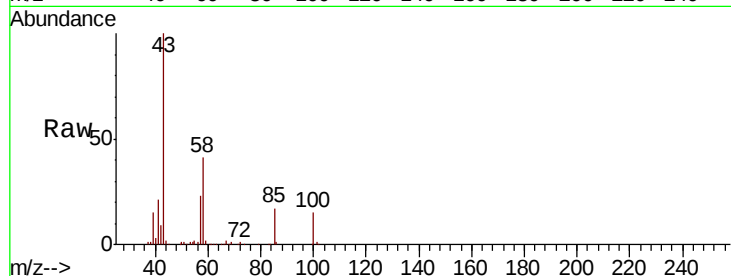
ClientSampleId :

Tot Ion: 43 Resp: 121289

Ion Ratio Lower Upper

43 100

58 40.4 31.0 46.6



Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY000268.D (-1356) (-)

10.08

80000

60000

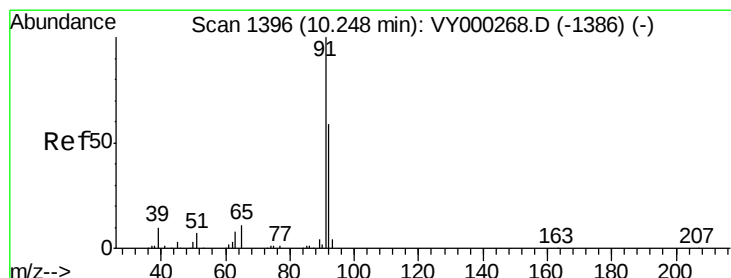
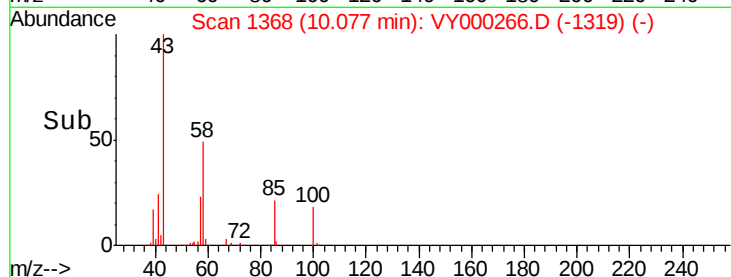
40000

20000

0

10.00 10.10

Time-->



#52

Toluene

Concen: 10.815 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000266.D

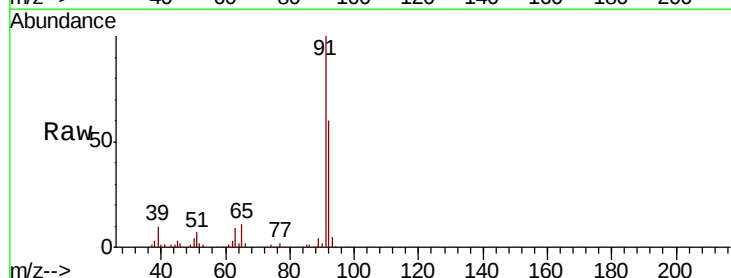
Acq: 11 Oct 2019 13:08

Tgt Ion: 92 Resp: 82173

Ion Ratio Lower Upper

92 100

91 169.6 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY000268.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY000268.D (-1386) (-)

10.25

80000

60000

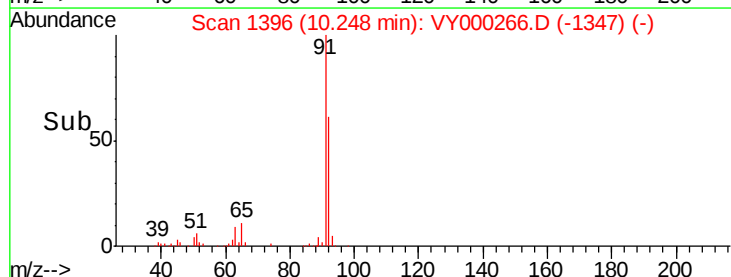
40000

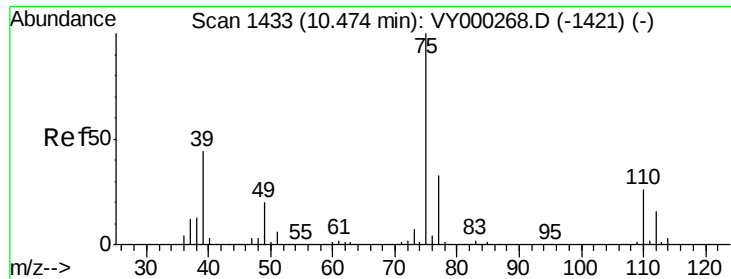
20000

0

10.15 10.20 10.25 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 10.553 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

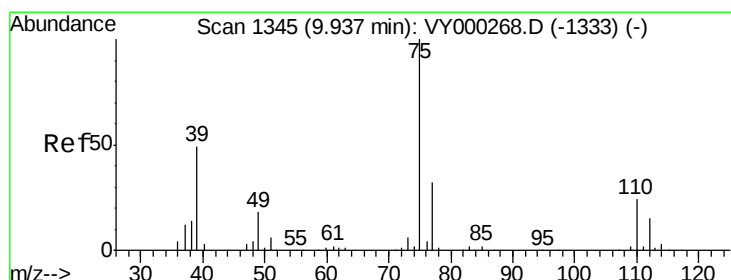
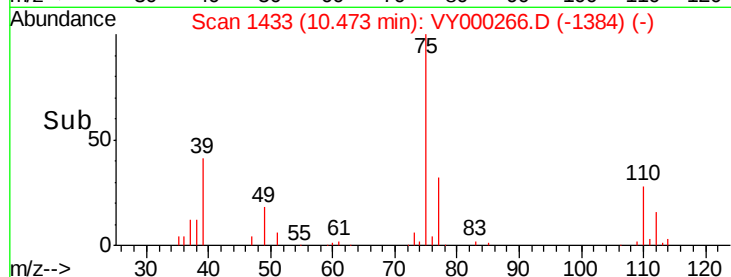
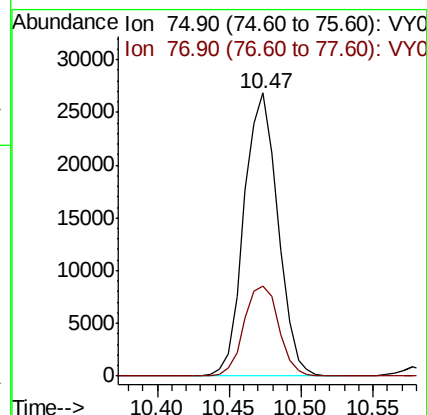
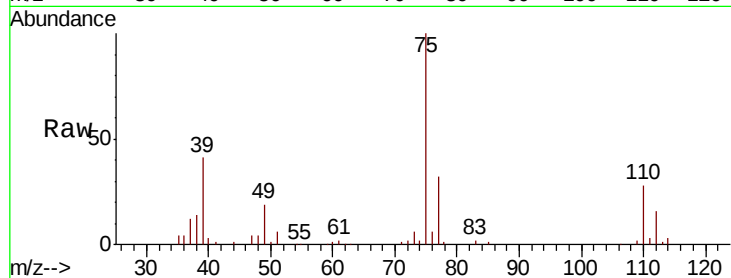
ClientSampleId :

Tot Ion: 75 Resp: 43759

Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 10.578 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

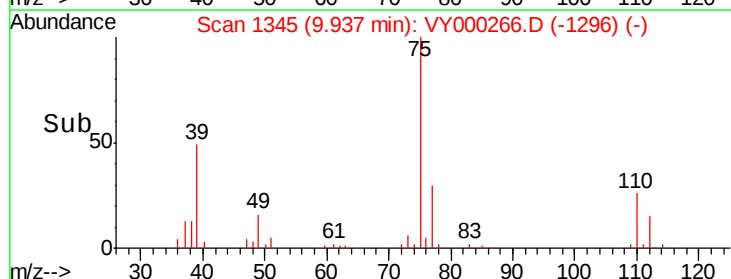
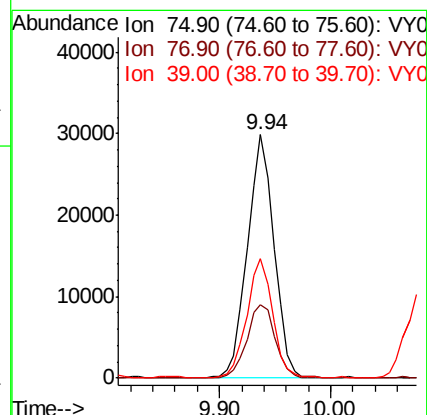
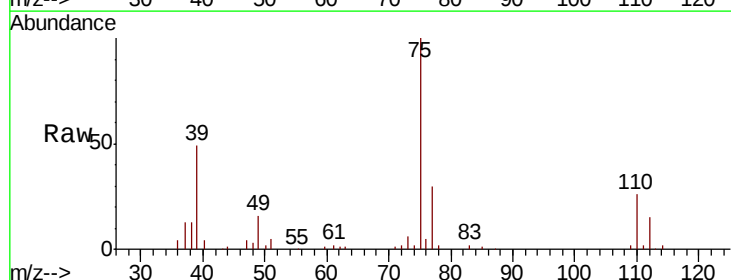
Tgt Ion: 75 Resp: 49814

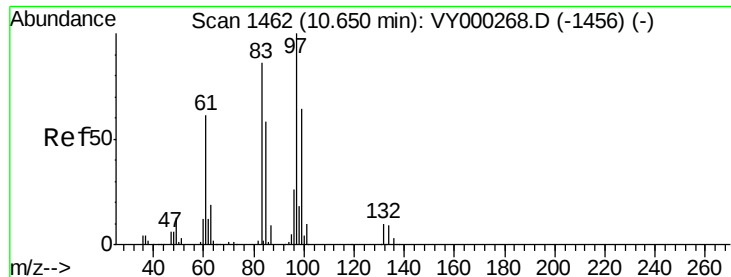
Ion Ratio Lower Upper

75 100

77 30.4 26.0 39.0

39 48.9 38.8 58.2

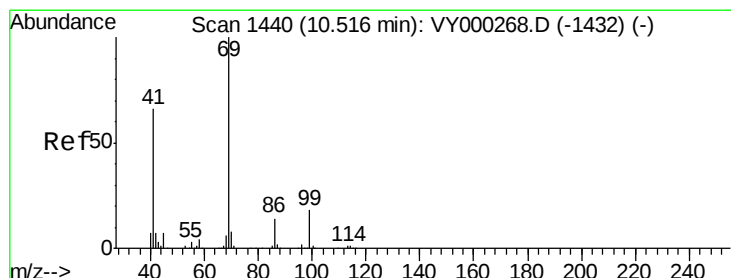
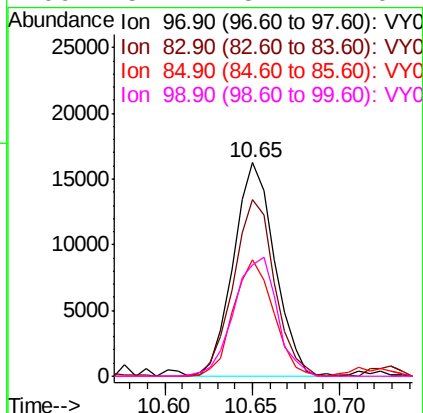
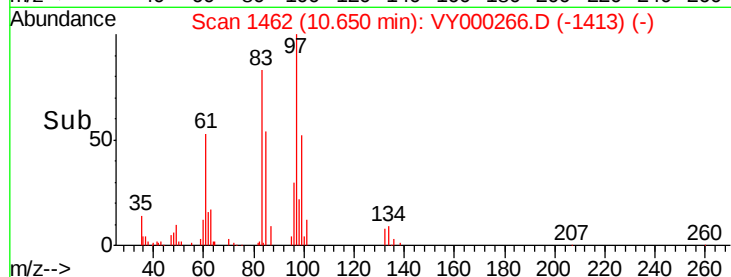
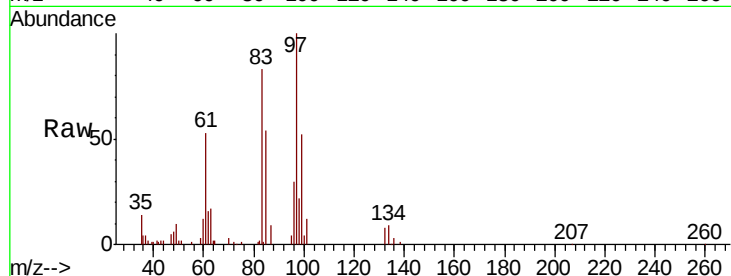




#55
 1,1,2-Trichloroethane
 Concen: 11.203 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

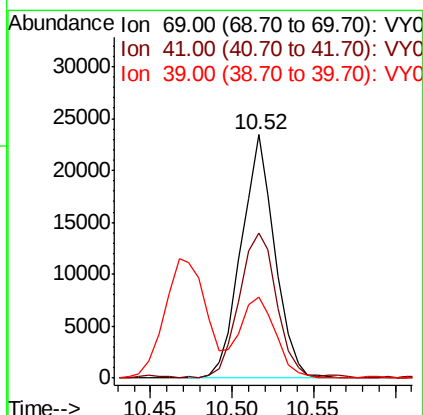
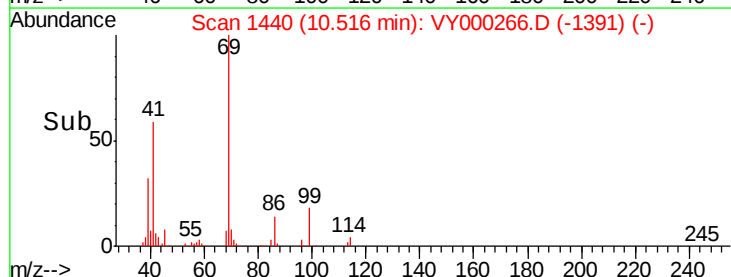
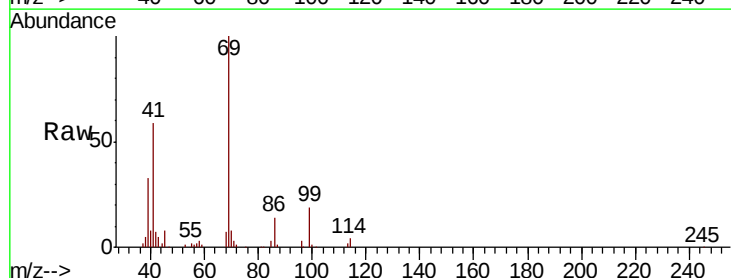
Instrument :
 MSVOA_Y
 ClientSampleId :

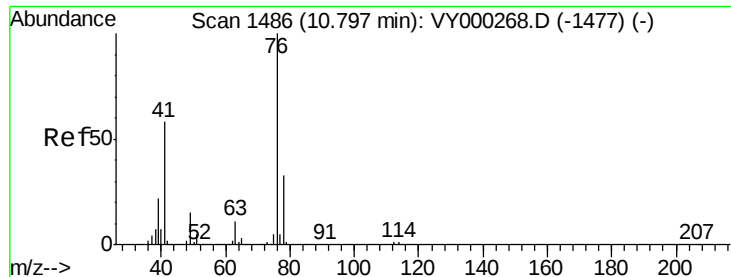
Tot Ion: 97 Resp: 26743
 Ion Ratio Lower Upper
 97 100
 83 82.0 69.0 103.6
 85 54.5 46.2 69.4
 99 52.4 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 9.908 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion: 69 Resp: 33711
 Ion Ratio Lower Upper
 69 100
 41 65.5 52.5 78.7
 39 34.3 26.7 40.1





#57

1,3-Dichloropropane

Concen: 10.824 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

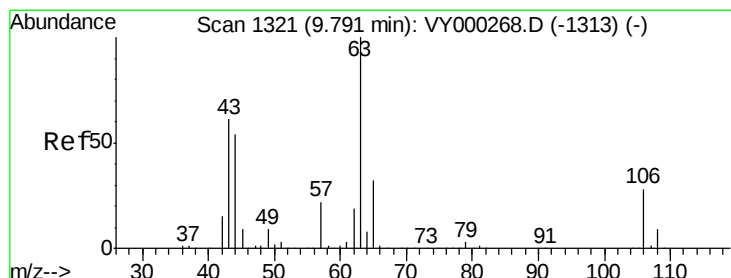
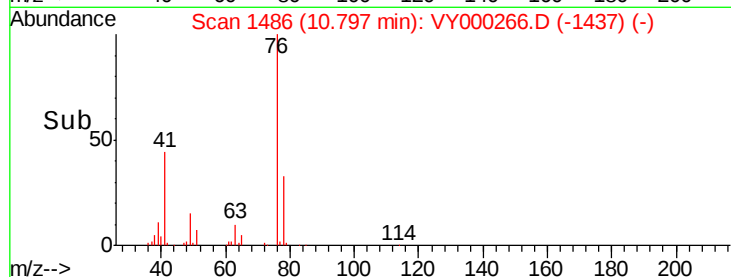
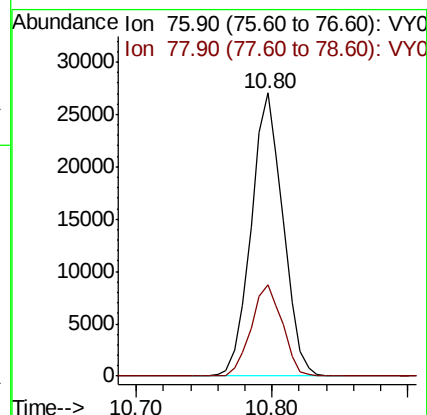
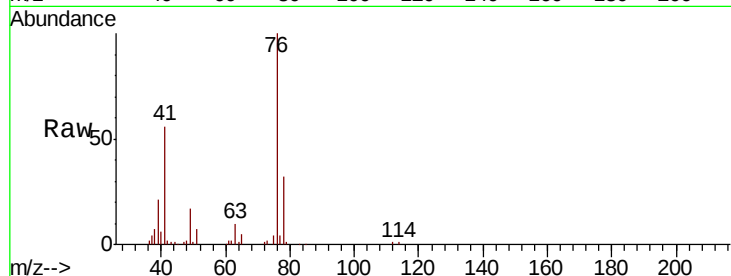
ClientSampleId :

Tot Ion: 76 Resp: 44374

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 49.182 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000266.D

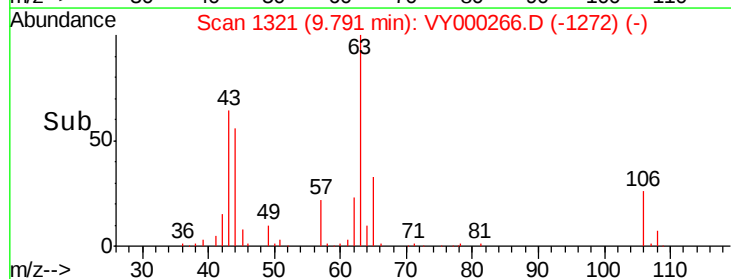
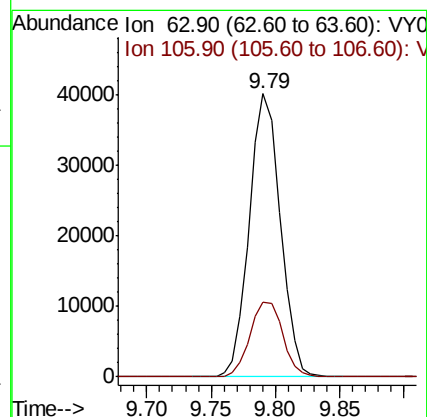
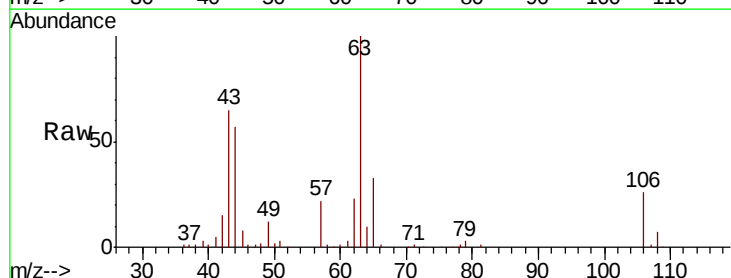
Acq: 11 Oct 2019 13:08

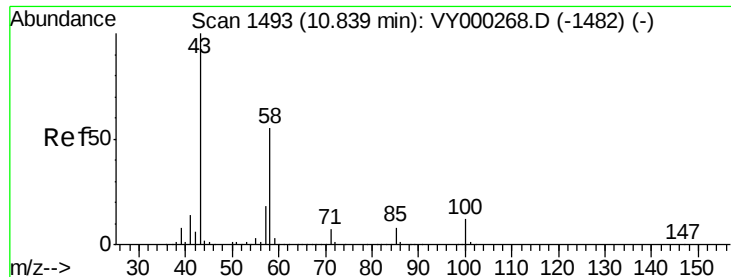
Tgt Ion: 63 Resp: 66745

Ion Ratio Lower Upper

63 100

106 28.0 23.0 34.4

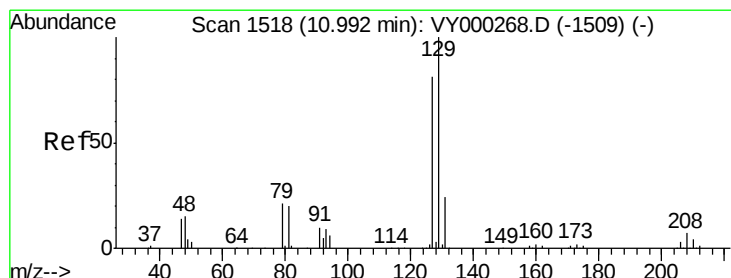
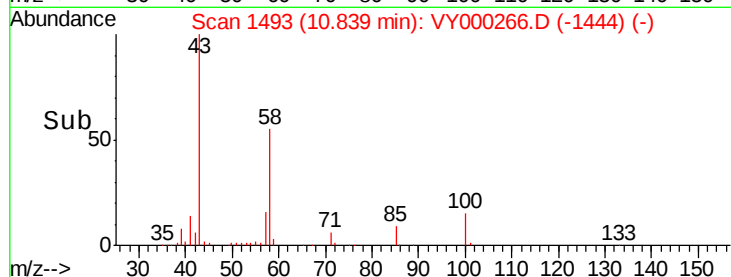
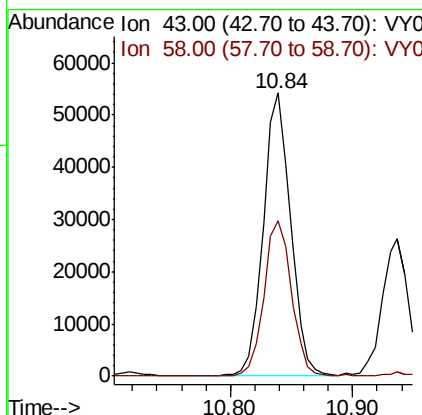
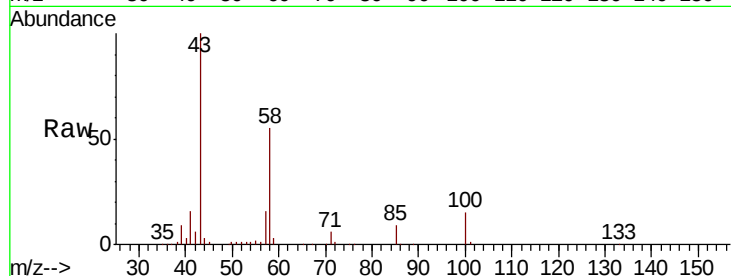




#59
2-Hexanone
Concen: 50.097 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

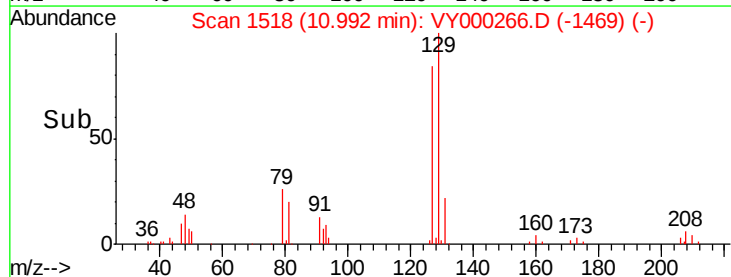
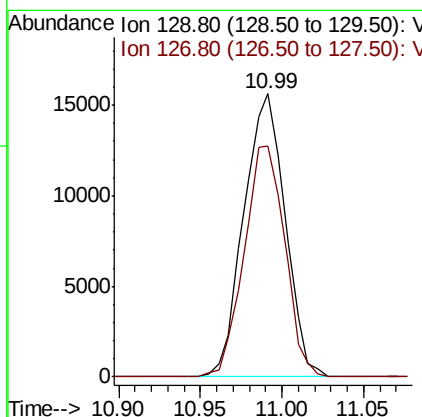
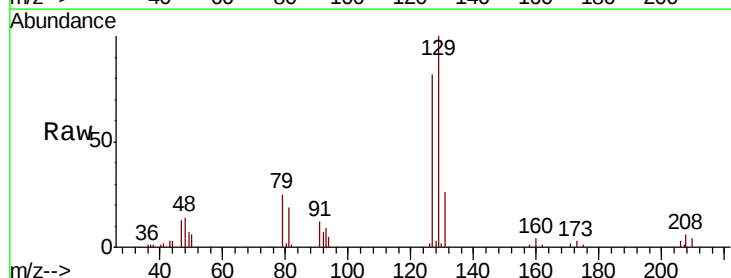
Instrument :
MSVOA_Y
ClientSampleId :

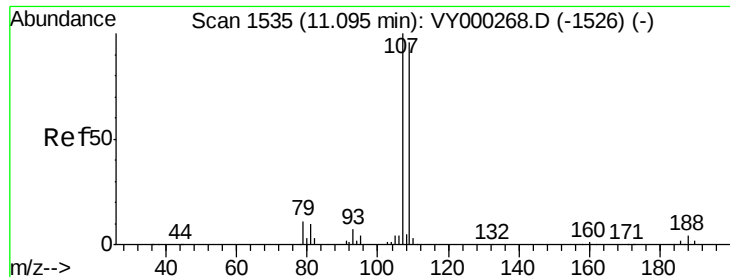
Tot Ion: 43 Resp: 84560
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1



#60
Dibromochloromethane
Concen: 10.399 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 129 Resp: 27513
Ion Ratio Lower Upper
129 100
127 80.4 39.9 119.7

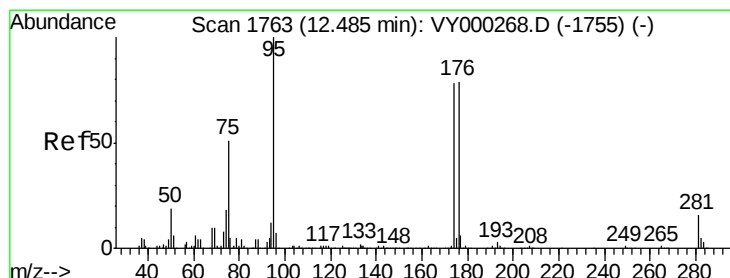
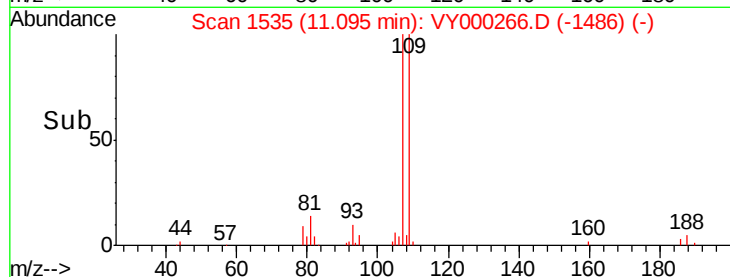
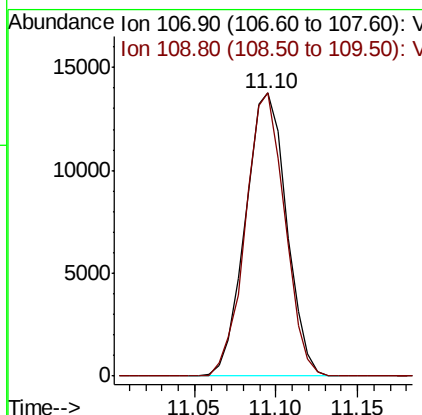
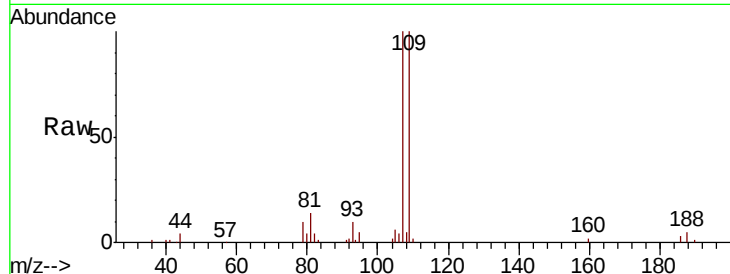




#61
 1,2-Dibromoethane
 Concen: 10.544 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

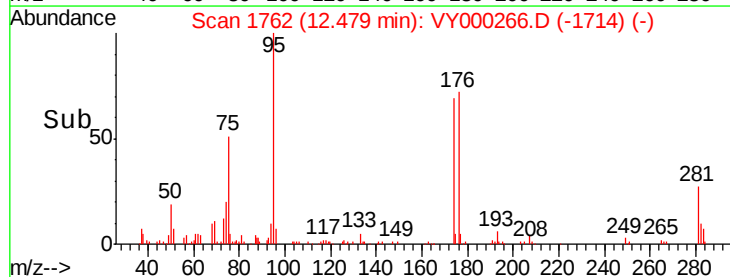
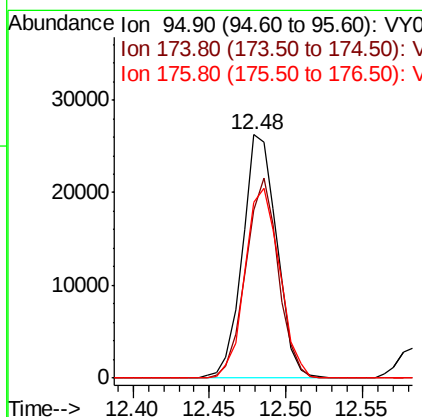
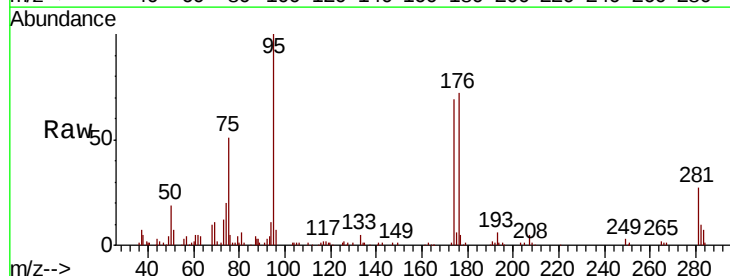
Instrument :
 MSVOA_Y
 ClientSampleId :

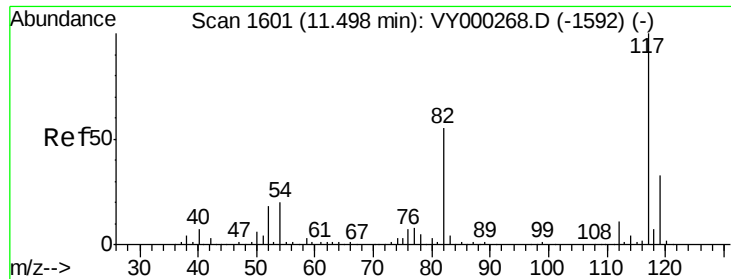
Tot Ion: 107 Resp: 24167
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 10.947 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion: 95 Resp: 40819
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 159.6
 176 79.1 0.0 153.8

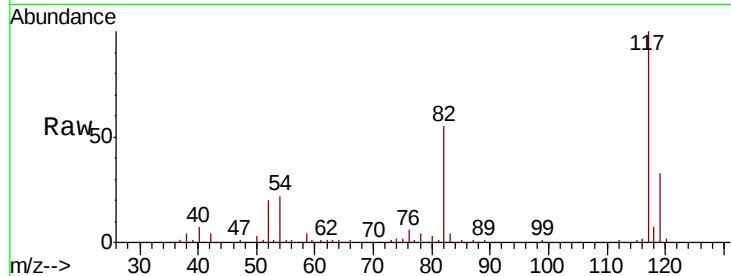




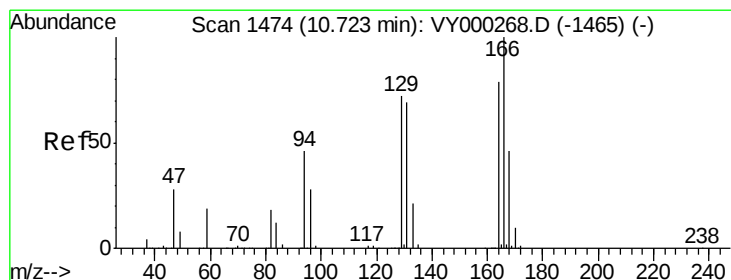
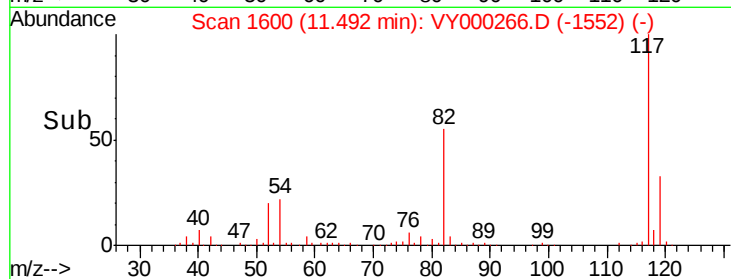
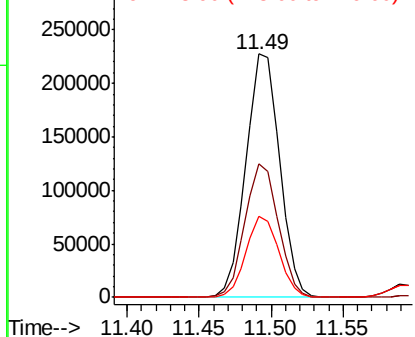
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 368510
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 33.1 26.6 39.8

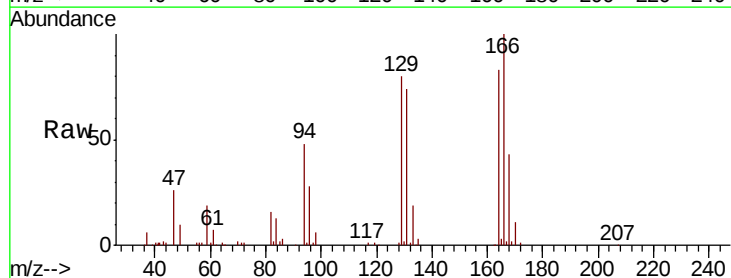


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

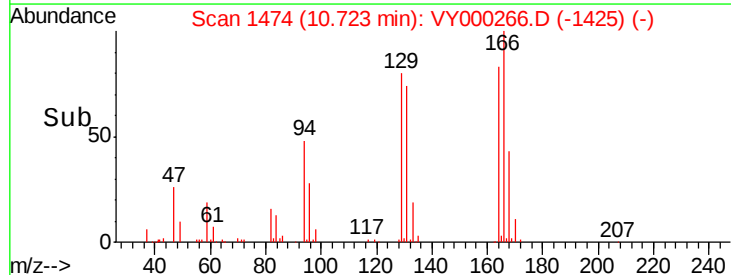
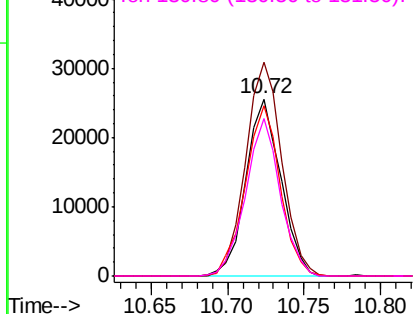


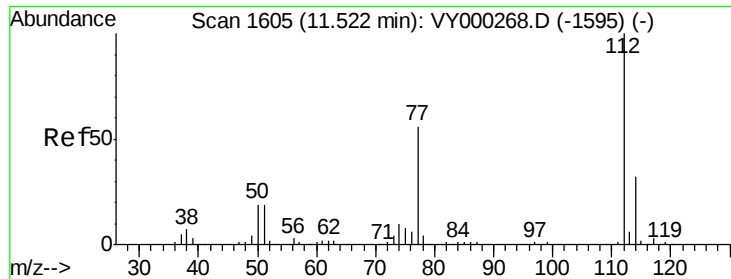
#64
Tetrachloroethene
Concen: 11.576 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion:164 Resp: 40610
Ion Ratio Lower Upper
164 100
166 120.8 100.6 151.0
129 96.5 72.8 109.2
131 88.9 69.4 104.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

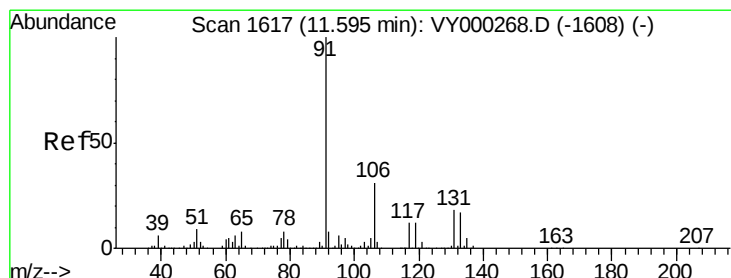
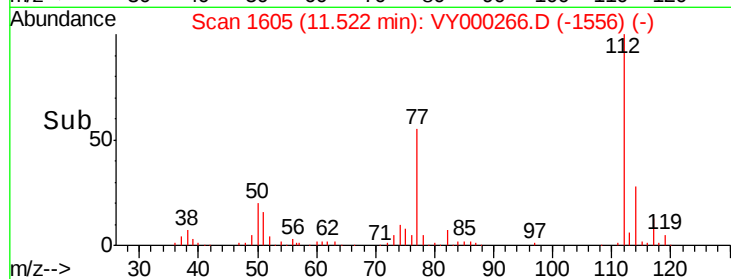
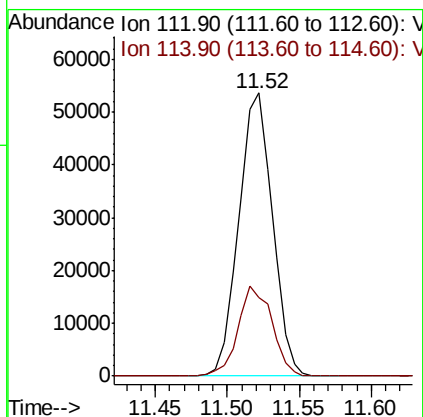
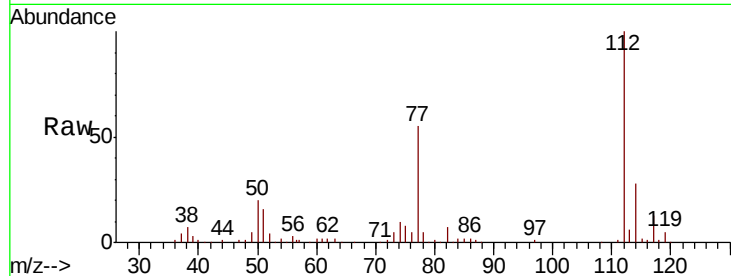




#65
Chlorobenzene
Concen: 11.203 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

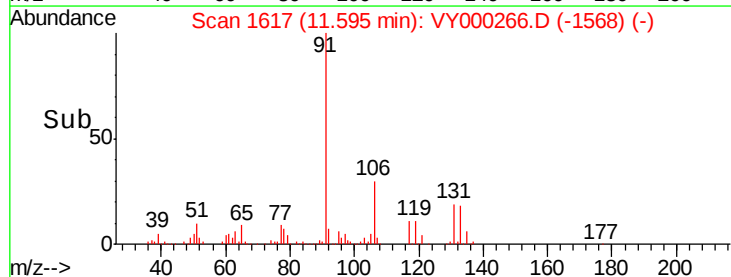
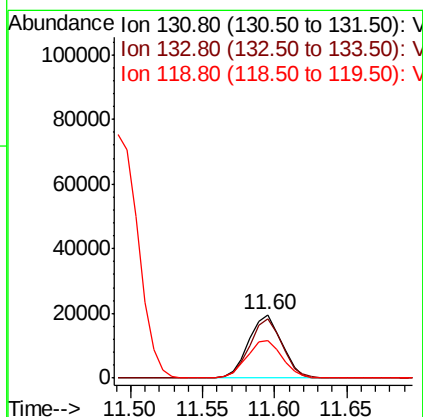
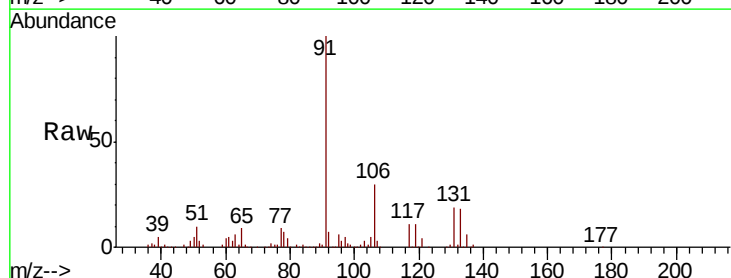
Instrument :
MSVOA_Y
ClientSampled :

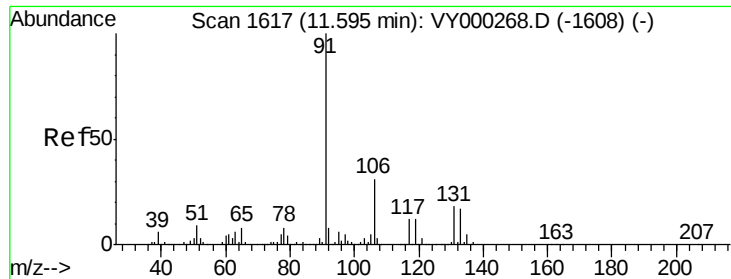
Tot Ion:112 Resp: 87126
Ion Ratio Lower Upper
112 100
114 27.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 11.345 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion:131 Resp: 30993
Ion Ratio Lower Upper
131 100
133 93.0 47.2 141.6
119 63.8 32.6 98.0

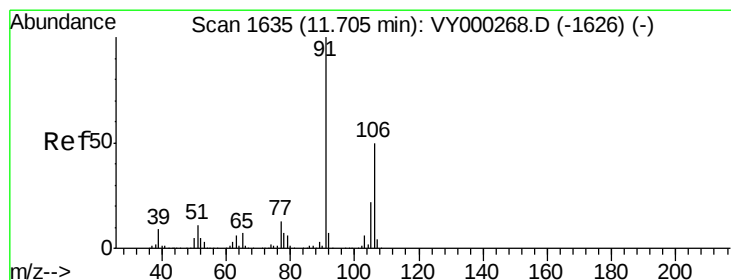
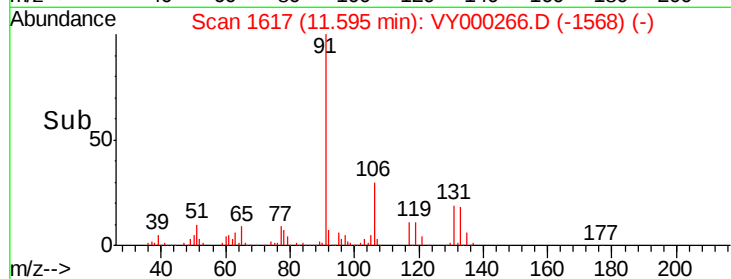
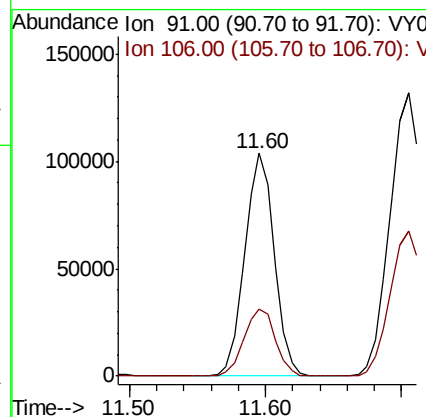
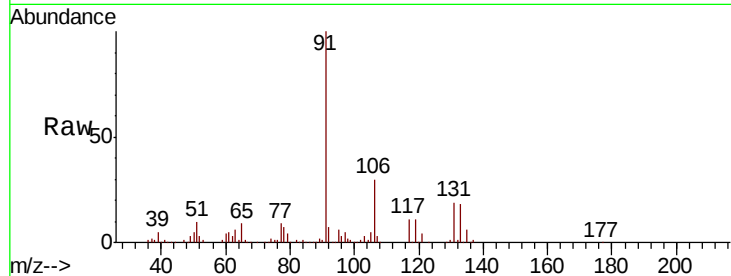




#67
Ethyl Benzene
Concen: 10.923 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

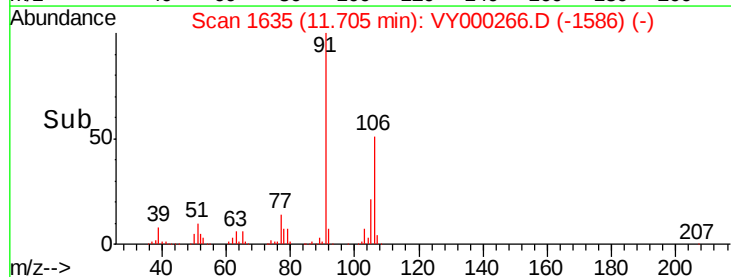
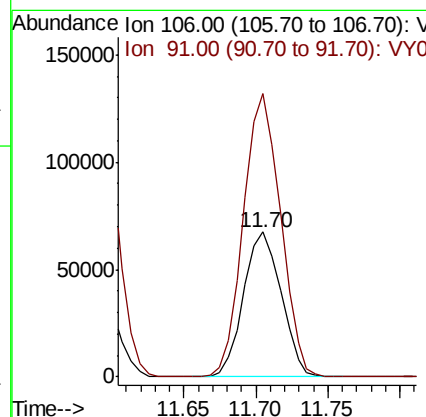
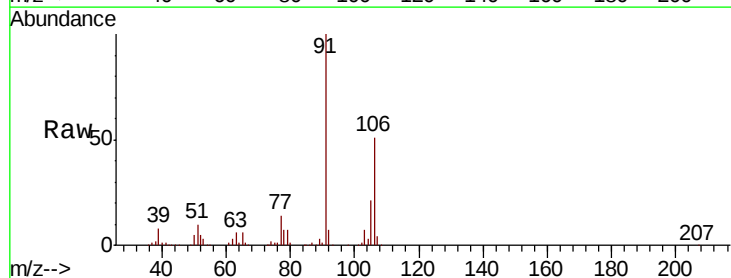
Instrument :
MSVOA_Y
ClientSampled :

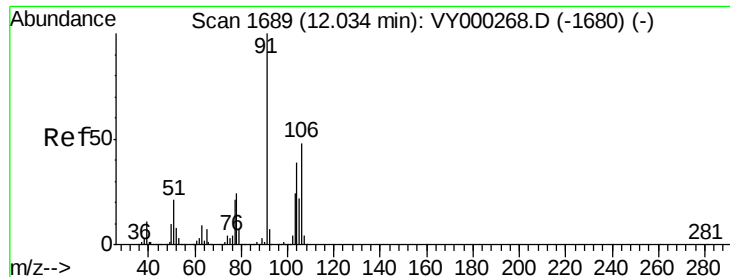
Tot Ion: 91 Resp: 157472
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6



#68
m/p-Xylenes
Concen: 22.225 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 106 Resp: 122492
Ion Ratio Lower Upper
106 100
91 193.5 157.5 236.3

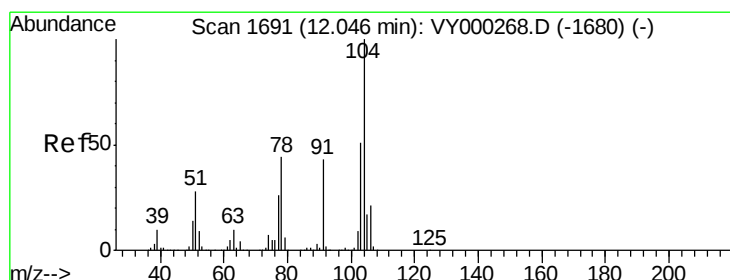
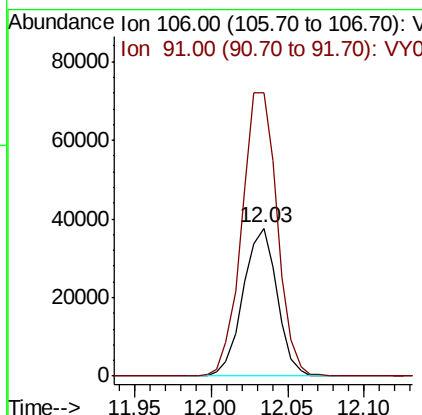
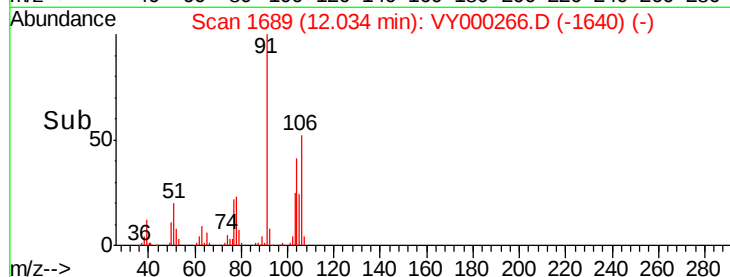
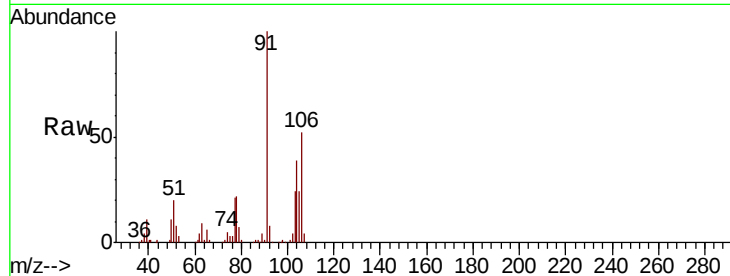




#69
o-Xylene
Concen: 11.073 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

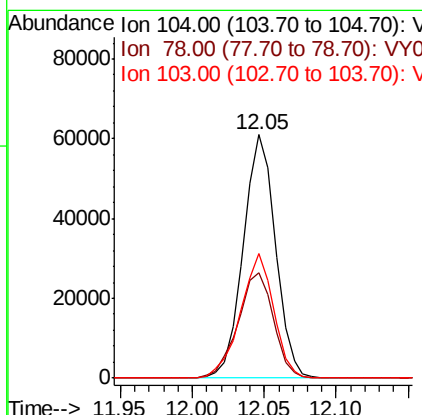
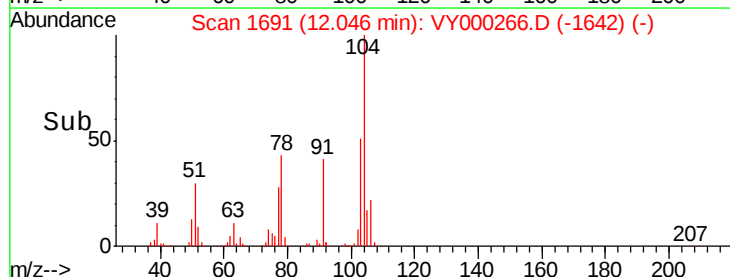
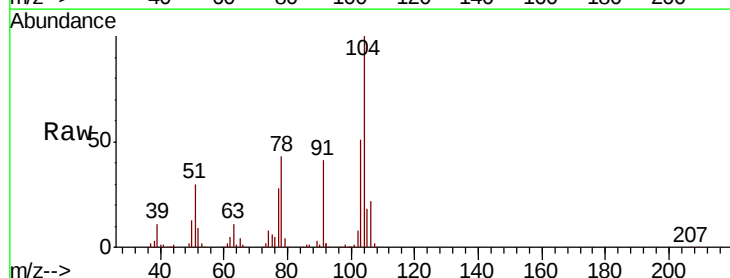
Instrument :
MSVOA_Y
ClientSampleId :

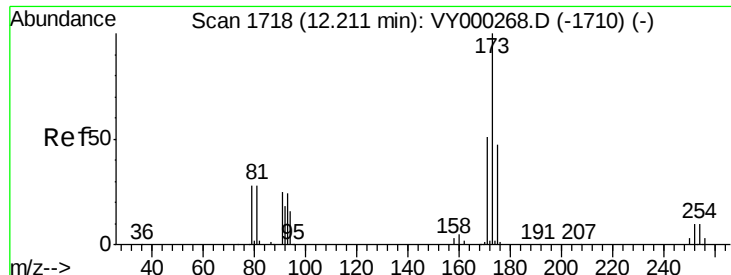
Tot Ion:106 Resp: 58217
Ion Ratio Lower Upper
106 100
91 199.1 104.7 313.9



#70
Styrene
Concen: 10.654 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion:104 Resp: 94468
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 52.7 43.1 64.7





#71

Bromoform

Concen: 10.302 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

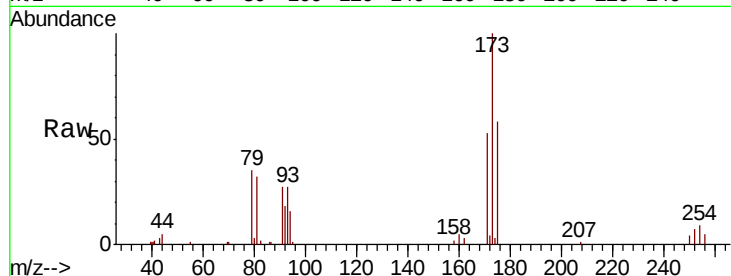
Tot Ion:173 Resp: 16179

Ion Ratio Lower Upper

173 100

175 53.6 24.6 73.6

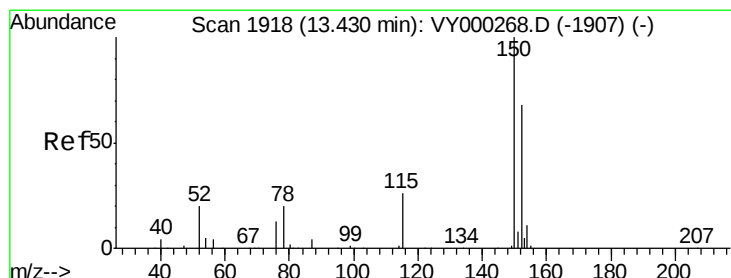
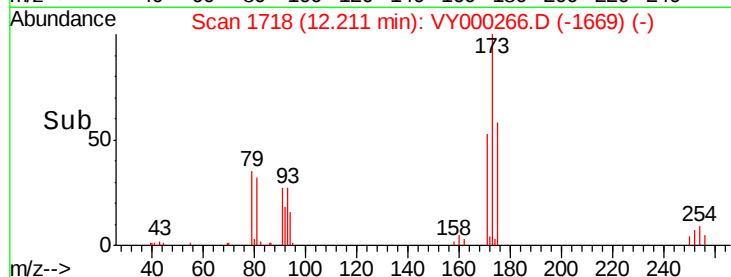
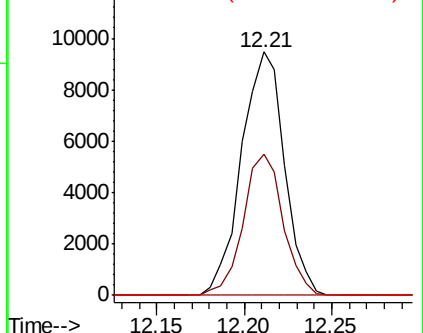
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

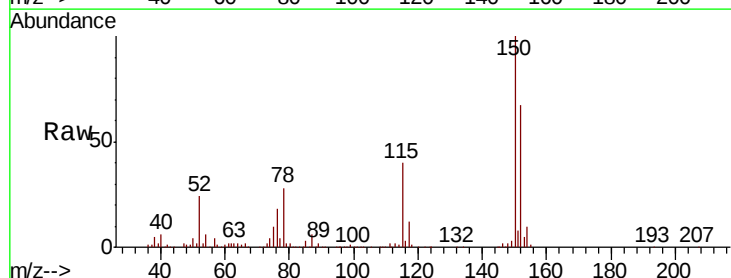
Tgt Ion:152 Resp: 180686

Ion Ratio Lower Upper

152 100

115 57.4 29.3 88.0

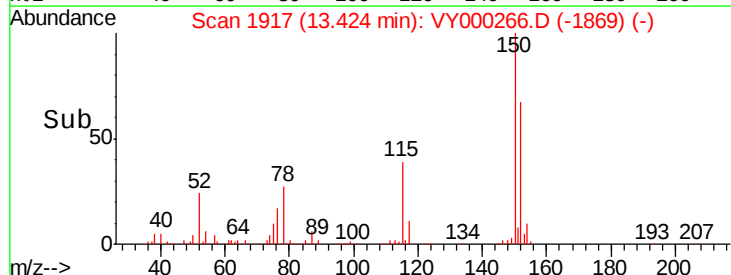
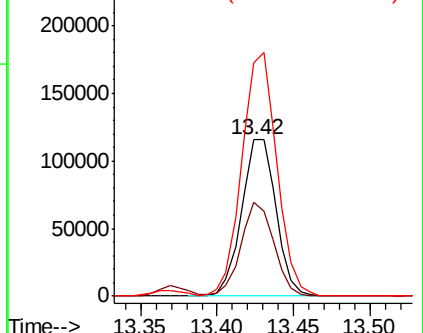
150 158.0 0.0 348.4

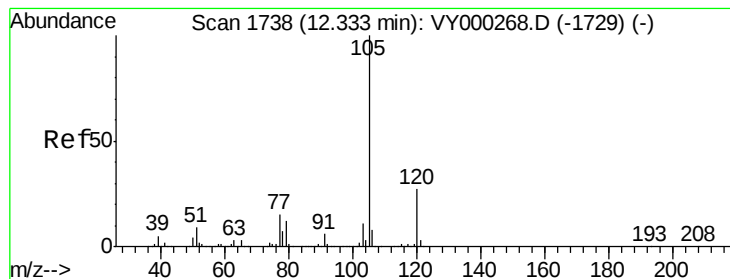


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.875 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

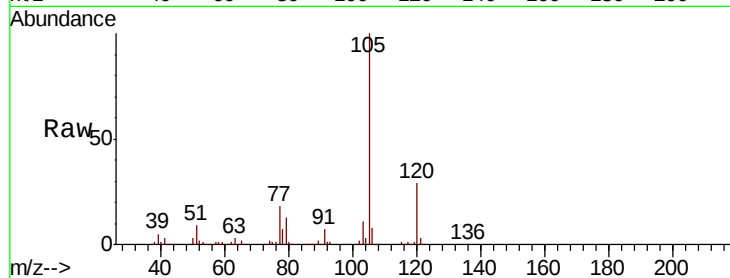
ClientSampled :

Tot Ion:105 Resp: 153213

Ion Ratio Lower Upper

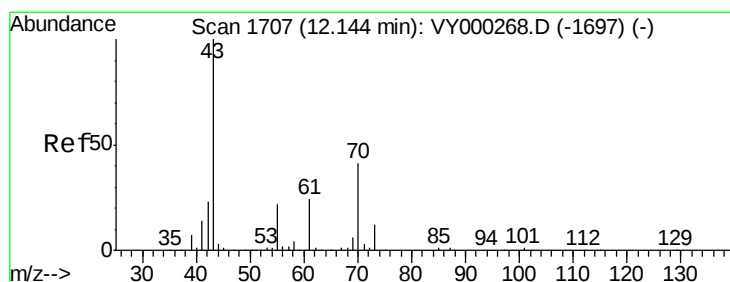
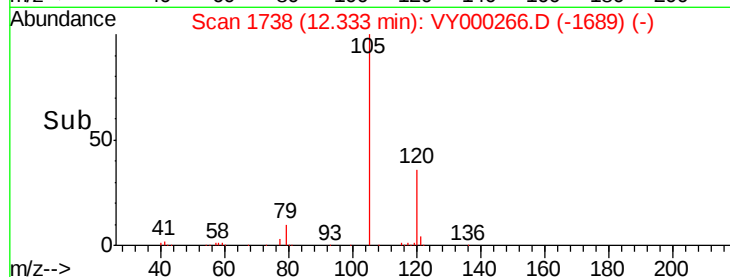
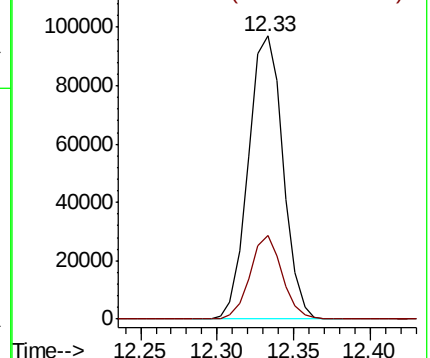
105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 8.913 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion: 43 Resp: 30829

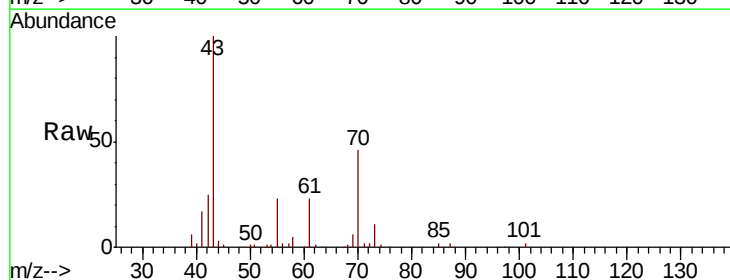
Ion Ratio Lower Upper

43 100

70 43.8 32.9 49.3

55 24.4 17.8 26.6

61 26.0 19.5 29.3

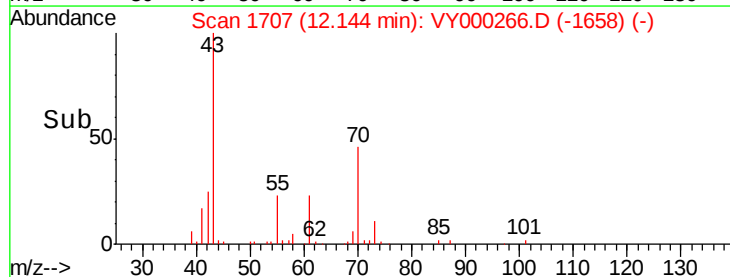
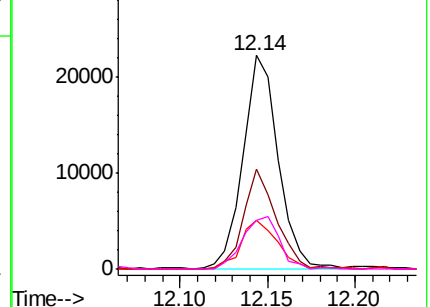


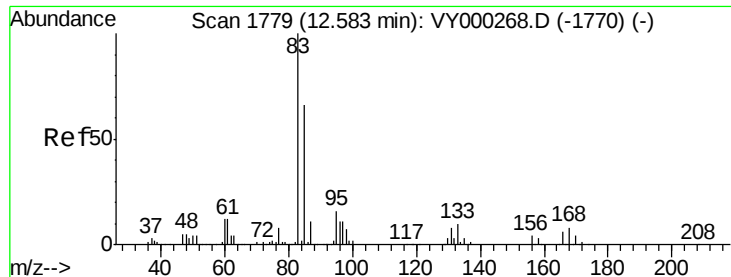
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.288 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

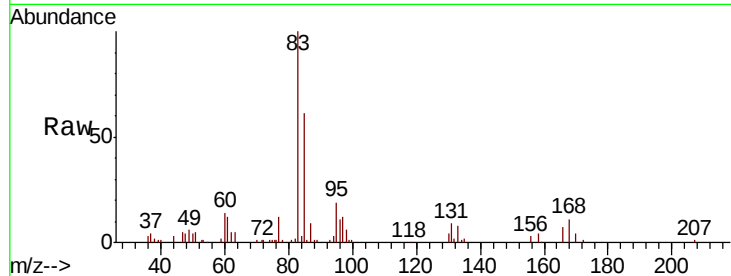
Tot Ion: 83 Resp: 27215

Ion Ratio Lower Upper

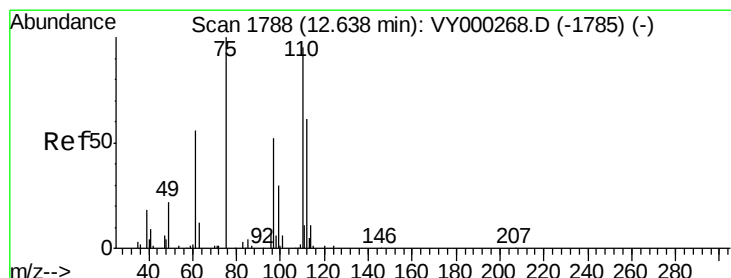
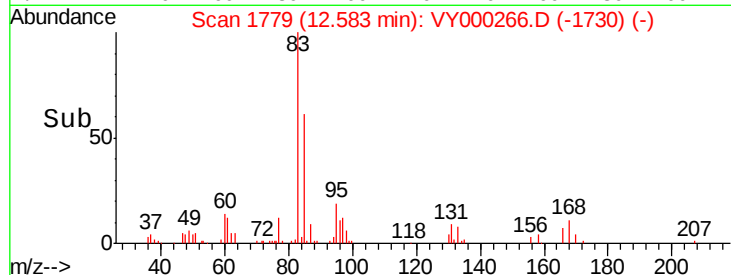
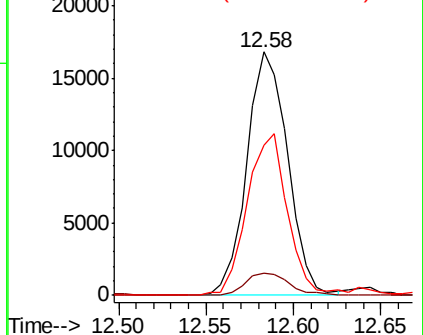
83 100

131 9.9 5.3 16.1

85 65.7 32.9 98.7



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: 11.332 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000266.D

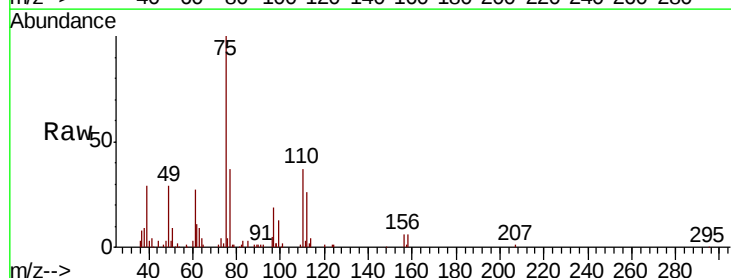
Acq: 11 Oct 2019 13:08

Tgt Ion: 75 Resp: 40934

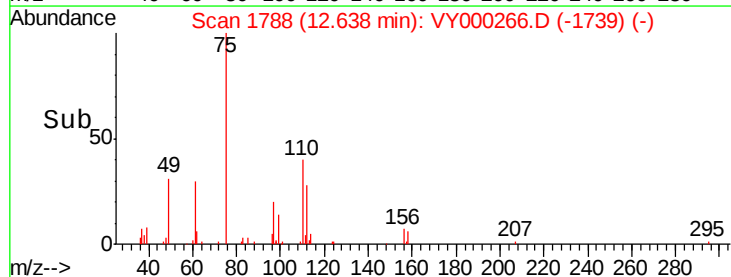
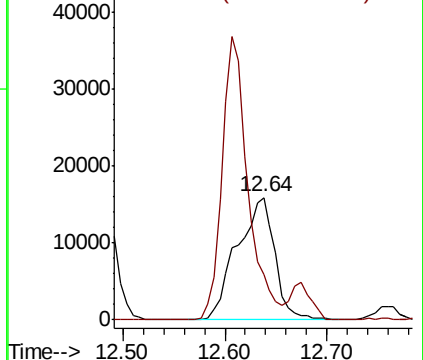
Ion Ratio Lower Upper

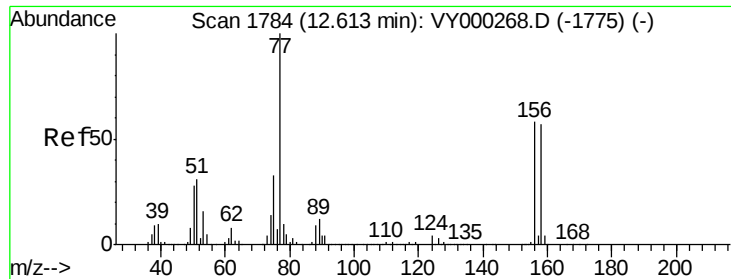
75 100

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: 11.045 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampled :

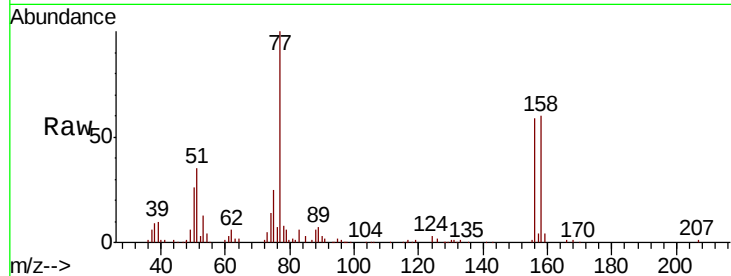
Tot Ion:156 Resp: 34628

Ion Ratio Lower Upper

156 100

77 187.8 101.0 302.9

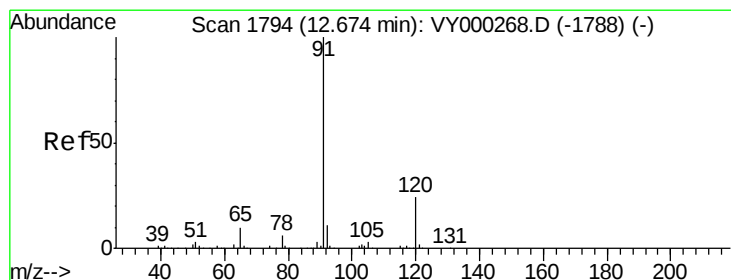
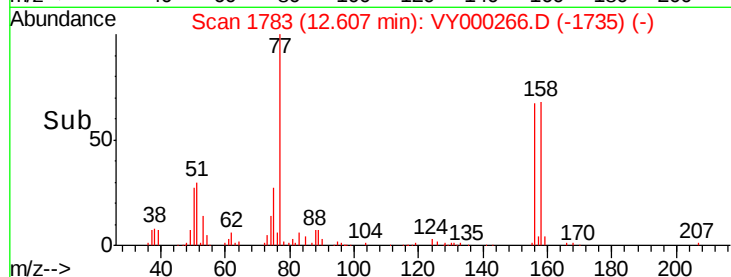
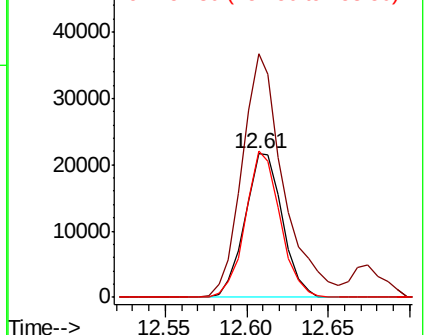
158 94.8 49.7 149.1



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: 10.613 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000266.D

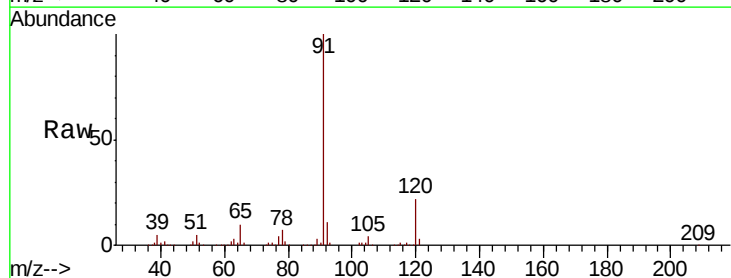
Acq: 11 Oct 2019 13:08

Tgt Ion: 91 Resp: 179524

Ion Ratio Lower Upper

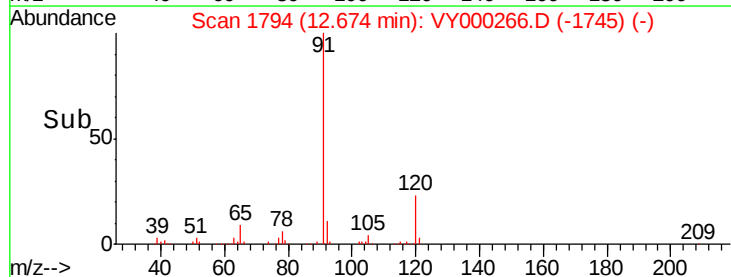
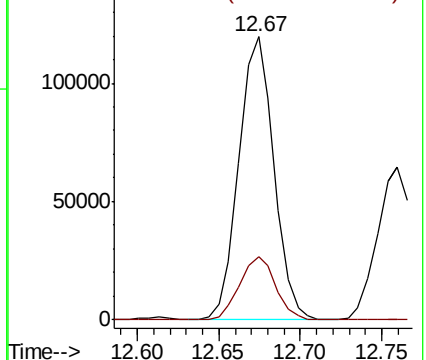
91 100

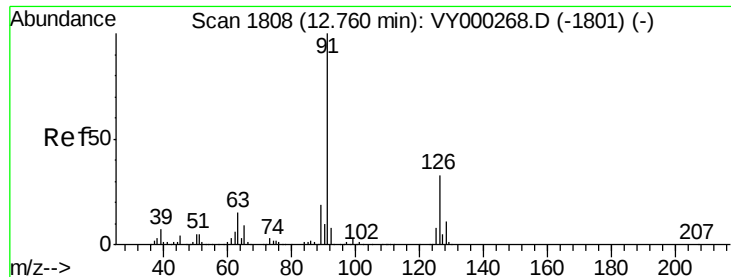
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

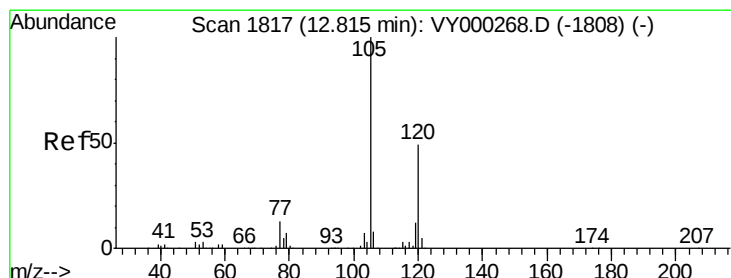
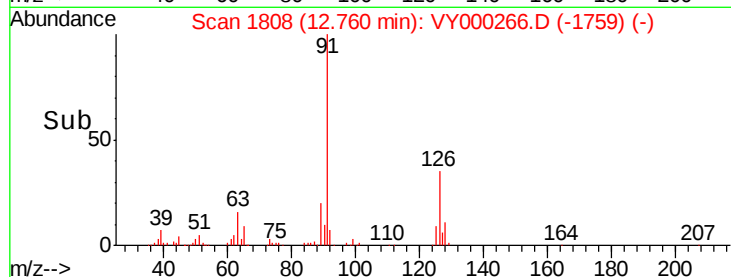
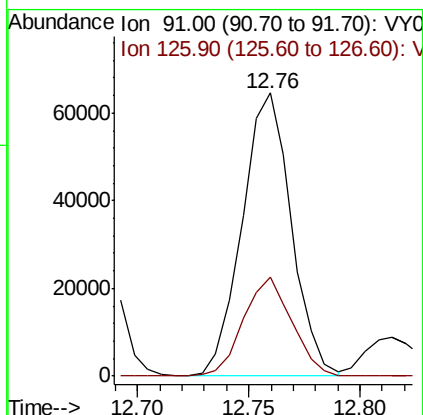
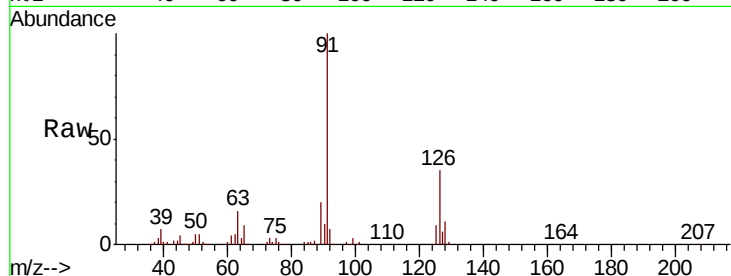




#79
2-Chlorotoluene
Concen: 10.649 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

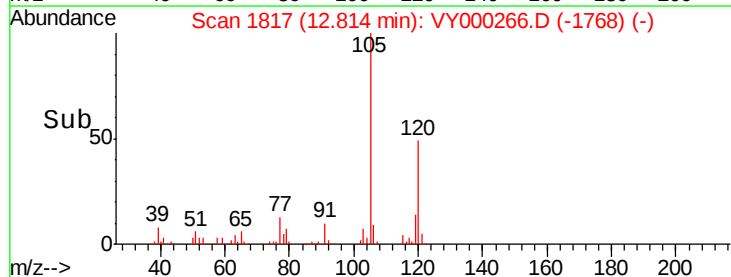
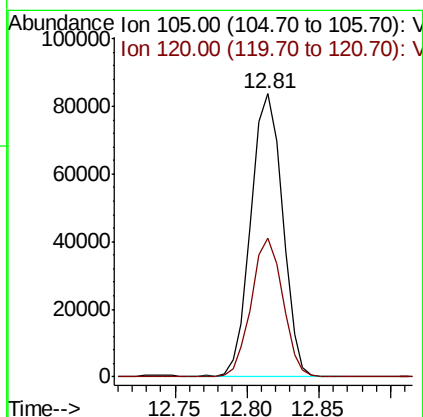
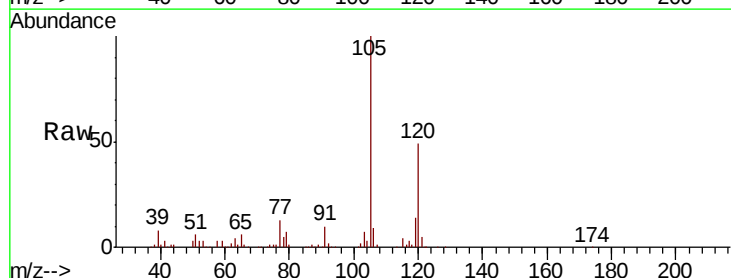
Instrument :
MSVOA_Y
ClientSampled :

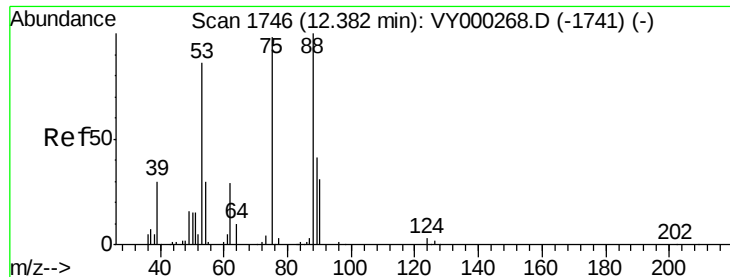
Tot Ion: 91 Resp: 99477
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 10.806 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 105 Resp: 127654
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 10.471 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

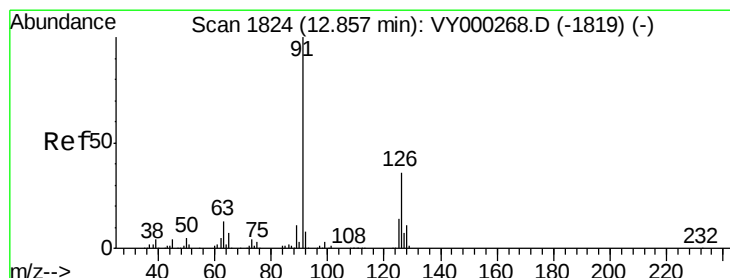
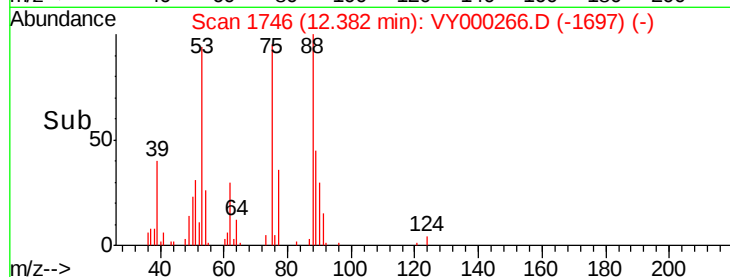
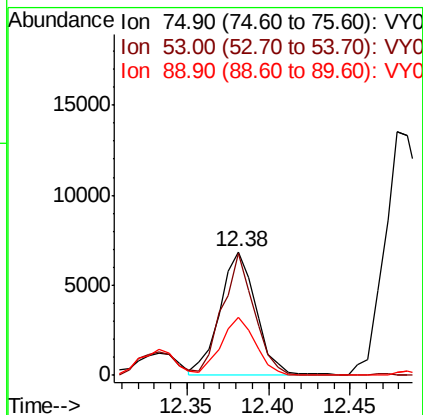
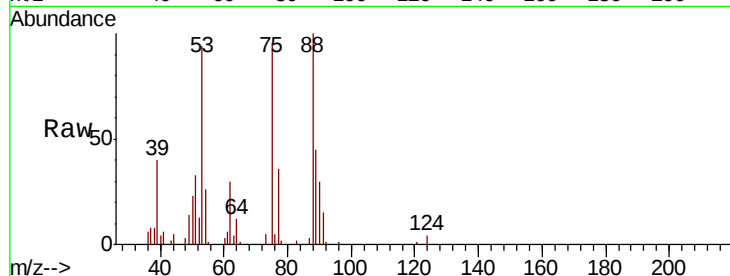
Tot Ion: 75 Resp: 10633

Ion Ratio Lower Upper

75 100

53 86.1 71.3 106.9

89 44.6 35.1 52.7



#82

4-Chlorotoluene

Concen: 10.682 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000266.D

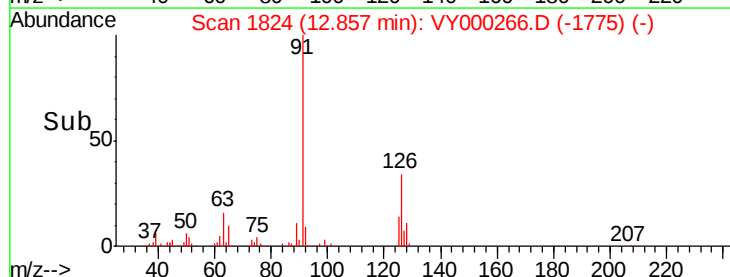
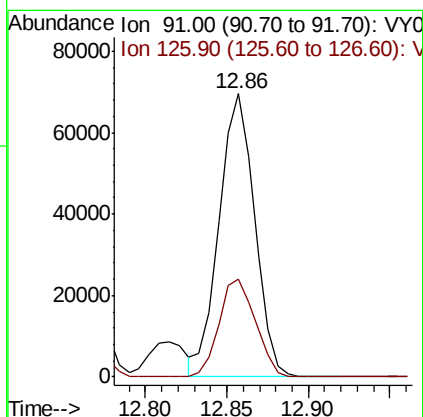
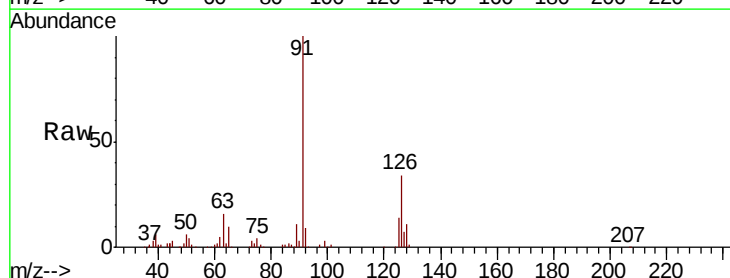
Acq: 11 Oct 2019 13:08

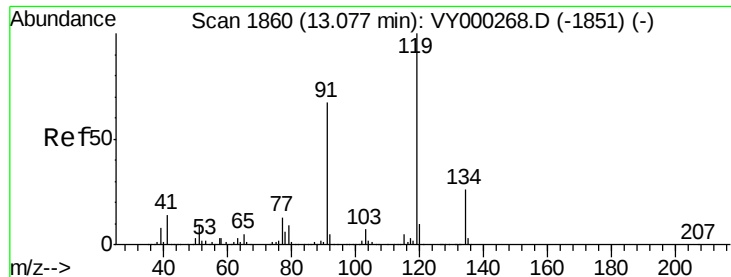
Tgt Ion: 91 Resp: 105481

Ion Ratio Lower Upper

91 100

126 35.5 17.2 51.5

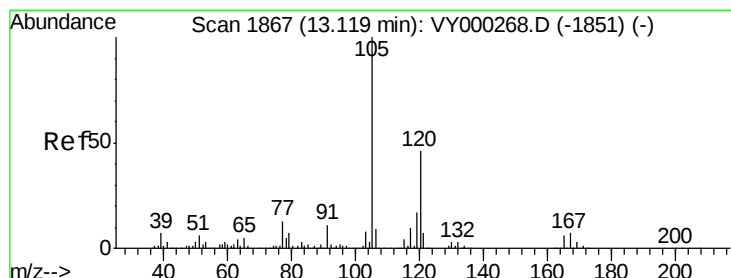
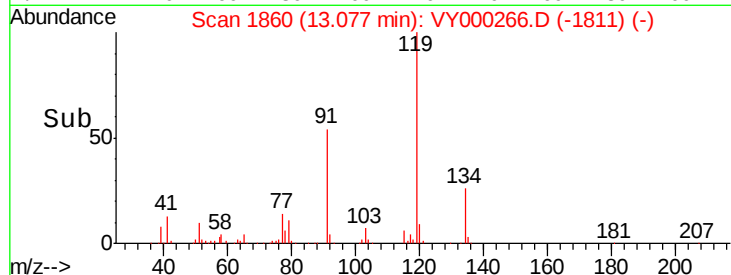
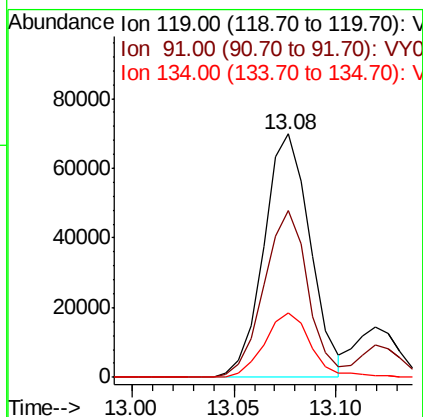
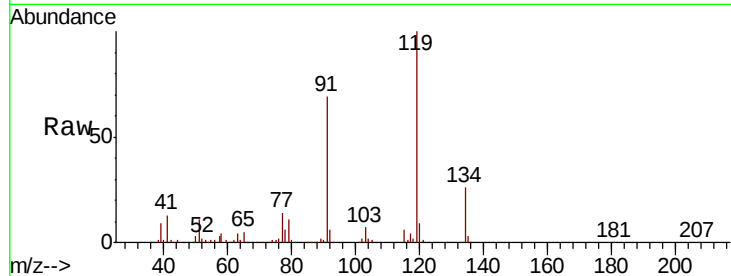




#83
 tert-Butylbenzene
 Concen: 11.061 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

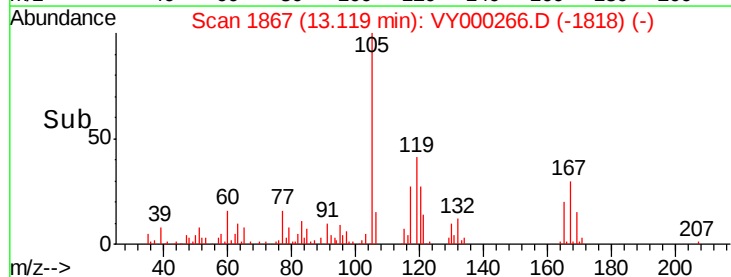
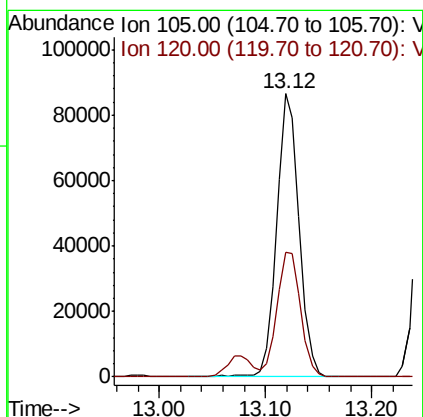
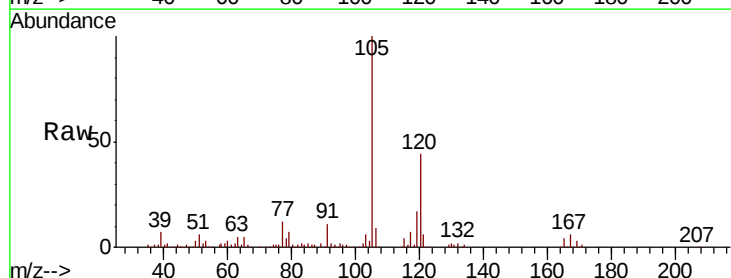
Instrument :
 MSVOA_Y
 ClientSampleId :

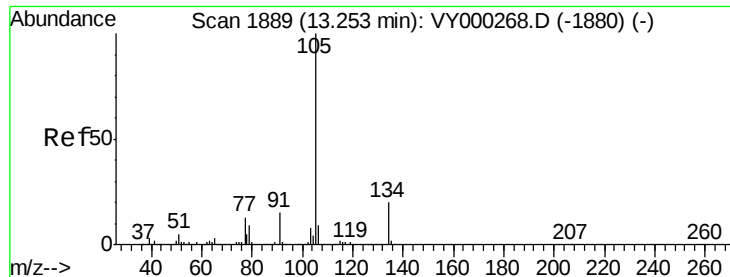
Tot Ion:119 Resp: 110658
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.9 98.7
 134 26.6 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 10.815 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion:105 Resp: 126102
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 10.919 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

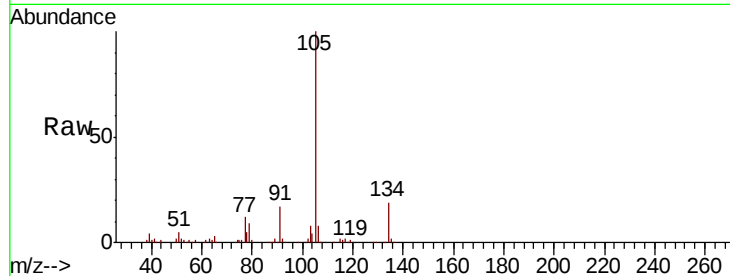
ClientSampleId :

Tot Ion:105 Resp: 158021

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

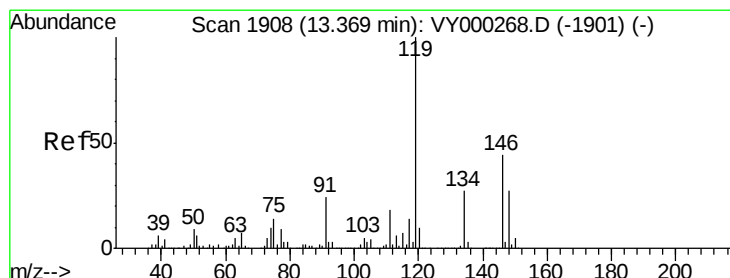
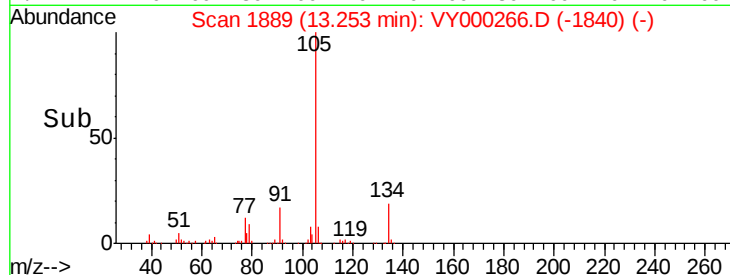
40000

20000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 10.749 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

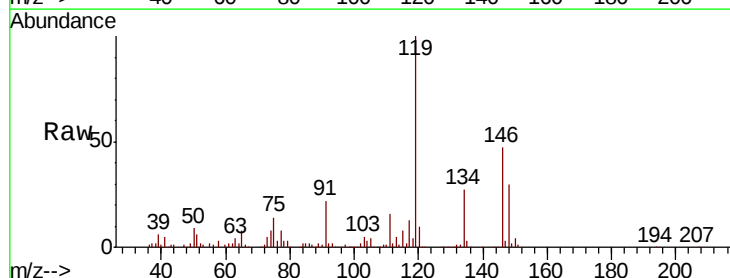
Tgt Ion:119 Resp: 135624

Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.8

91 23.8 12.0 36.1



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

120000

100000

80000

60000

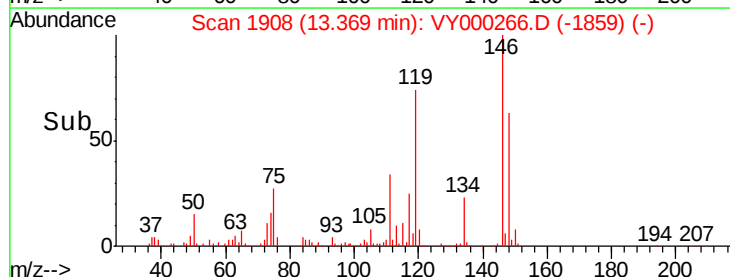
40000

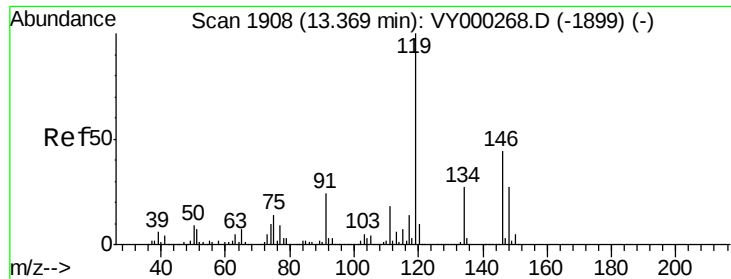
20000

0

13.30 13.35 13.40 13.45

Time-->

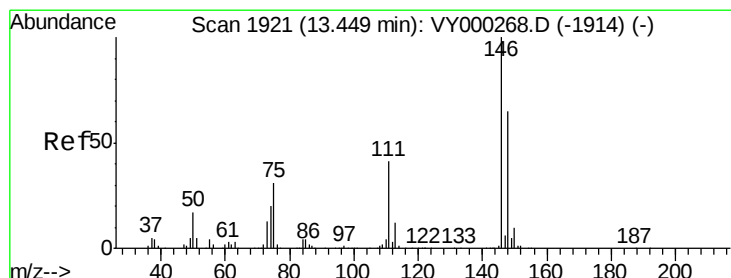
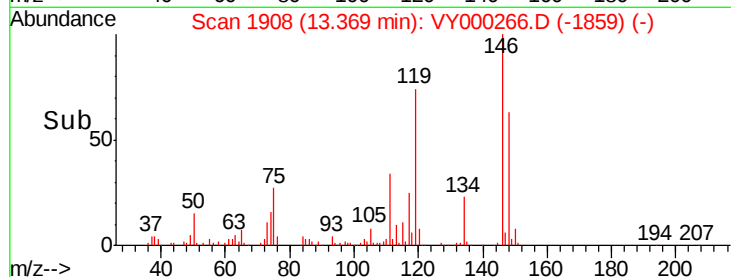
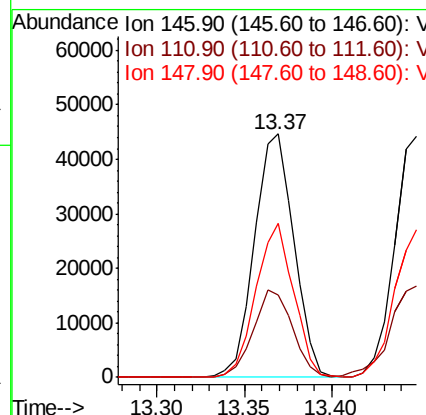
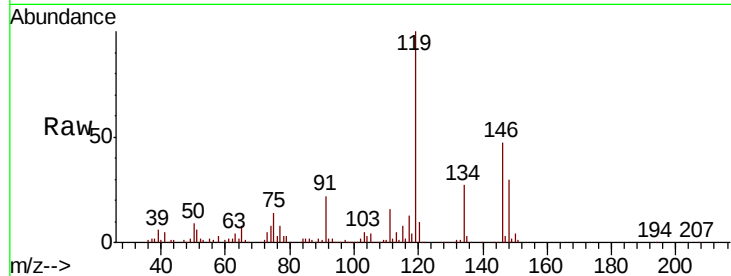




#87
 1,3-Dichlorobenzene
 Concen: 11.337 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

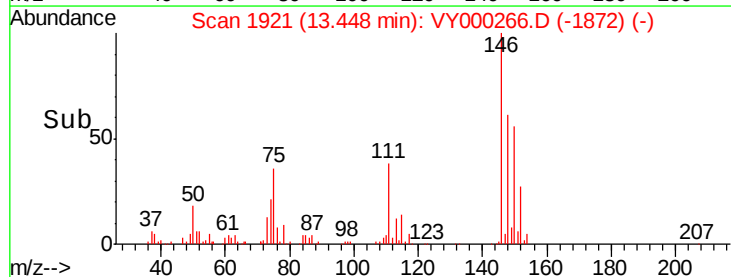
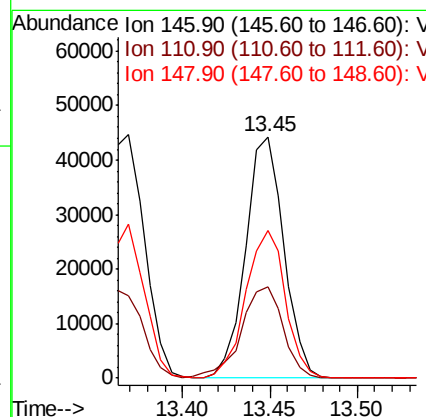
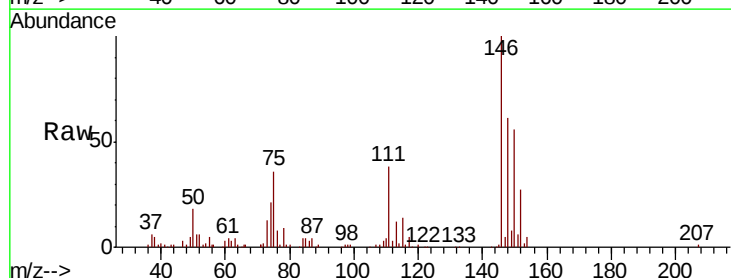
Instrument :
 MSVOA_Y
 ClientSampleId :

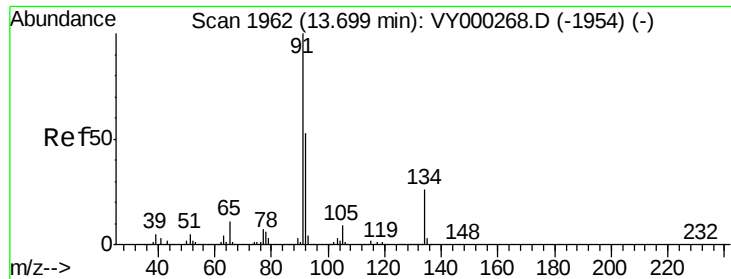
Tot Ion:146 Resp: 70027
 Ion Ratio Lower Upper
 146 100
 111 35.9 20.6 61.8
 148 60.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 10.903 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion:146 Resp: 67313
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.1 60.2
 148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 10.763 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

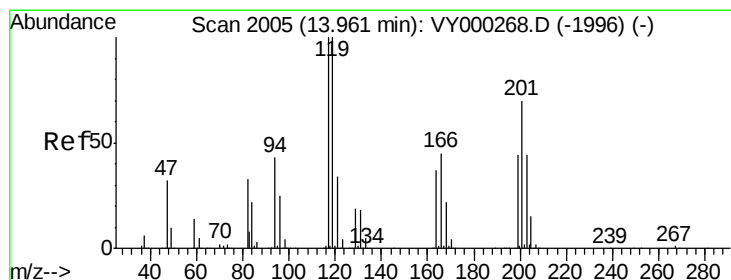
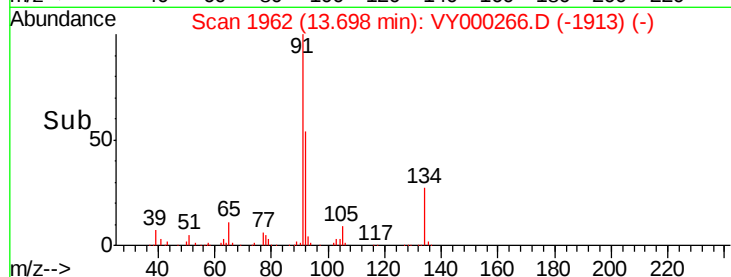
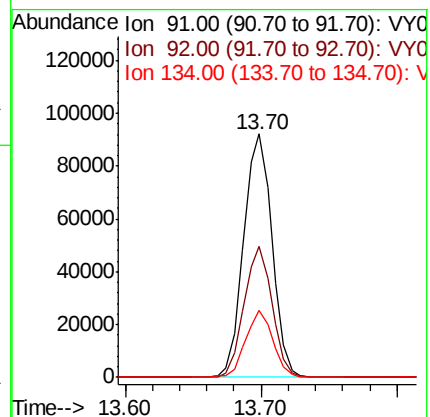
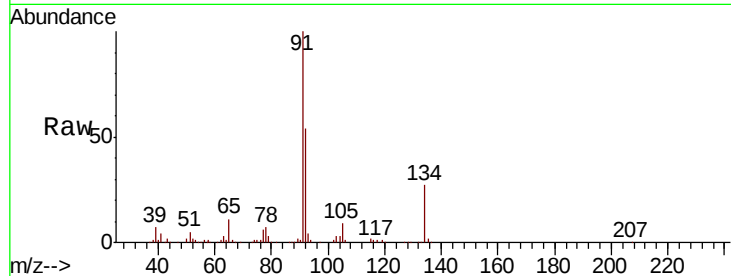
Tot Ion: 91 Resp: 134195

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.1

134 26.4 13.0 38.9



#90

Hexachloroethane

Concen: 10.440 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000266.D

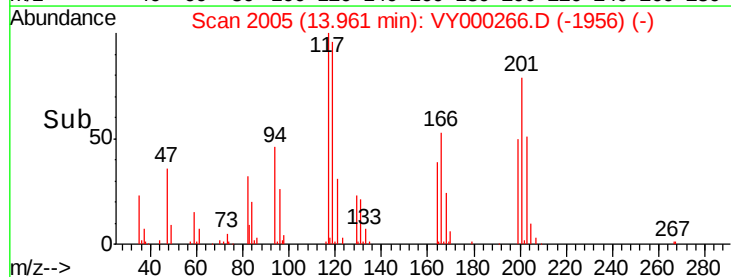
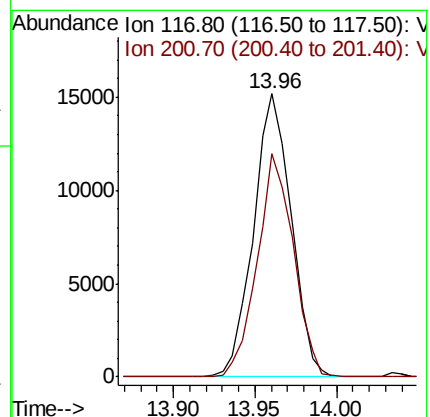
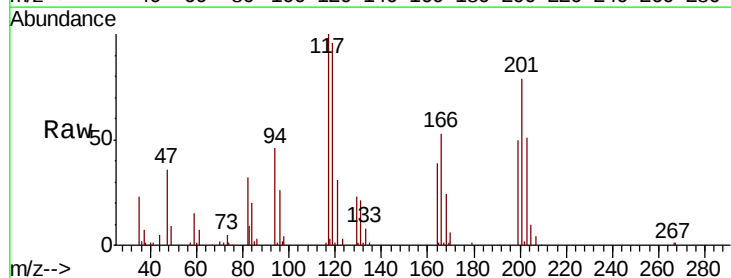
Acq: 11 Oct 2019 13:08

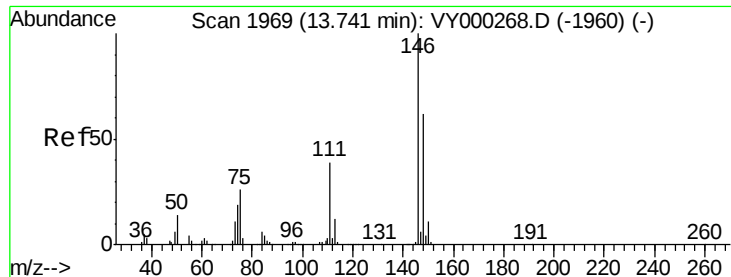
Tgt Ion: 117 Resp: 24393

Ion Ratio Lower Upper

117 100

201 75.7 36.3 108.7

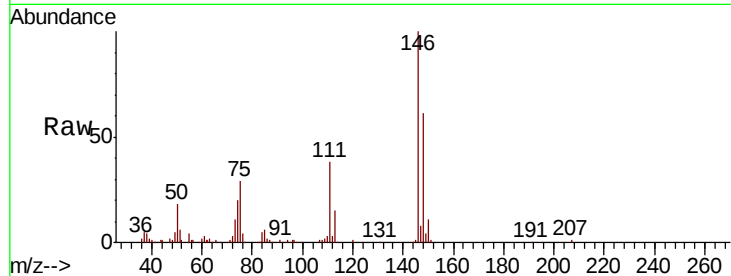




#91
 1,2-Dichlorobenzene
 Concen: 10.804 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	64.9	31.6	95.0

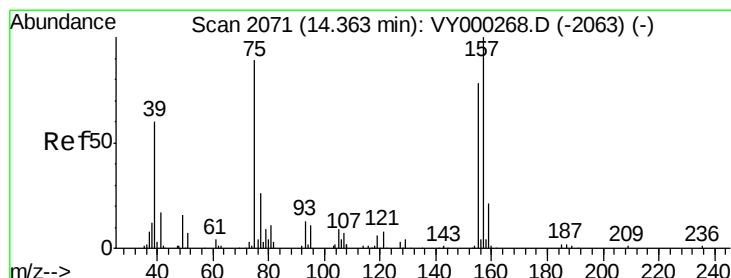
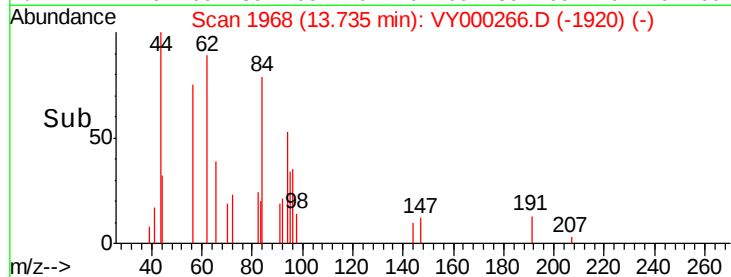
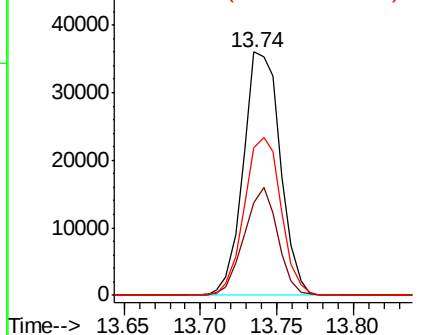


Abundance

Ion 145.90 (145.60 to 146.60): V

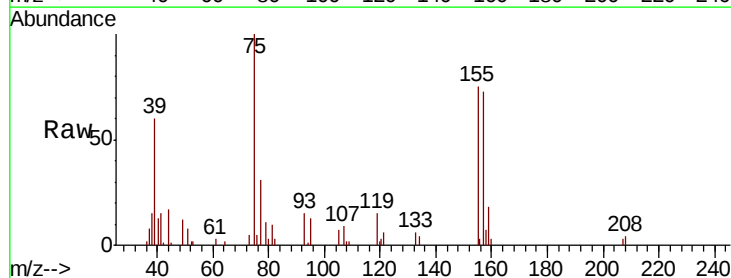
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.349 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	45.8	137.3
157	105.6	55.6	166.9

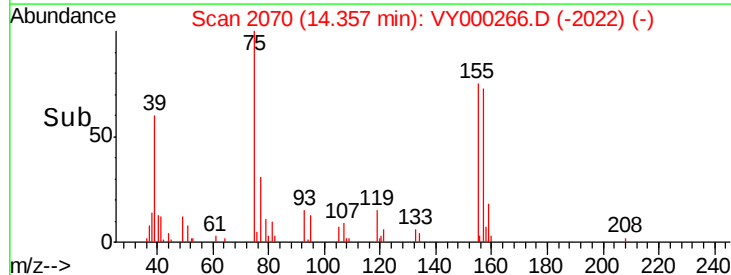
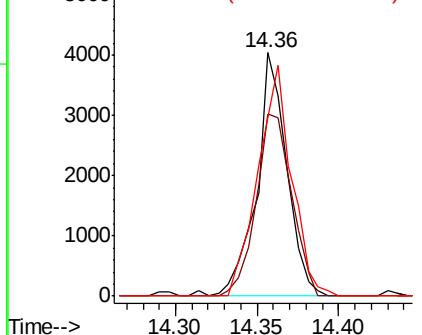


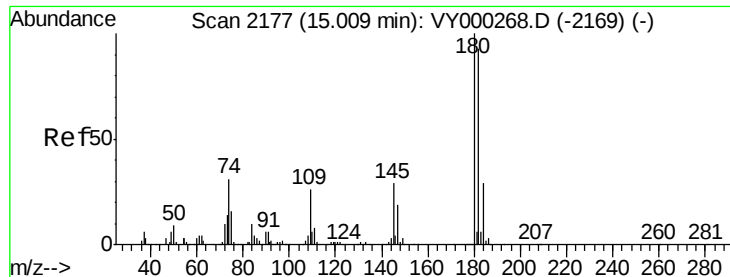
Abundance

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

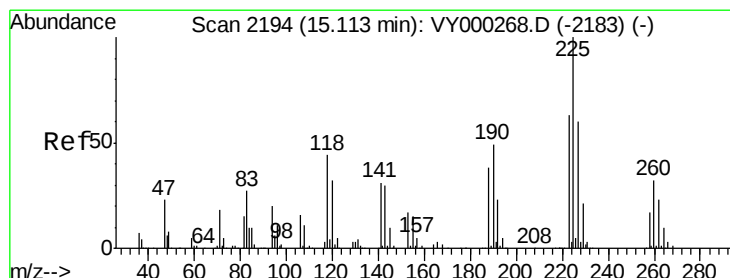
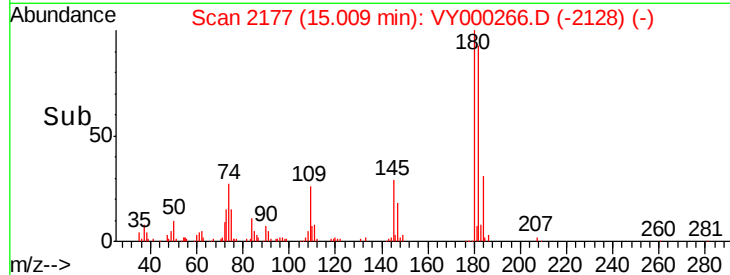
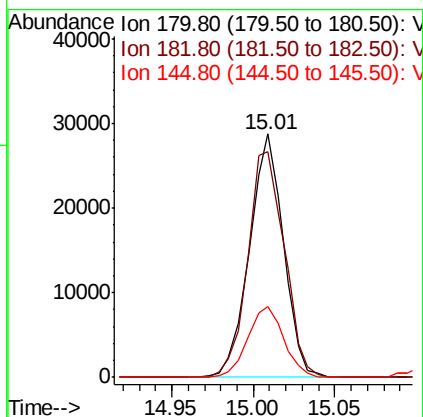
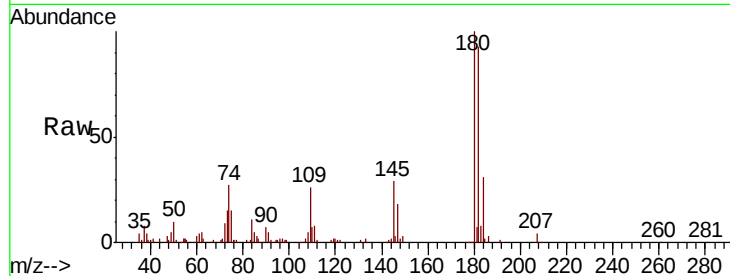




#93
 1,2,4-Trichlorobenzene
 Concen: 10.724 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

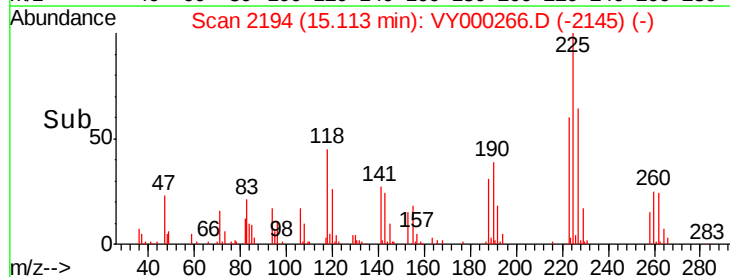
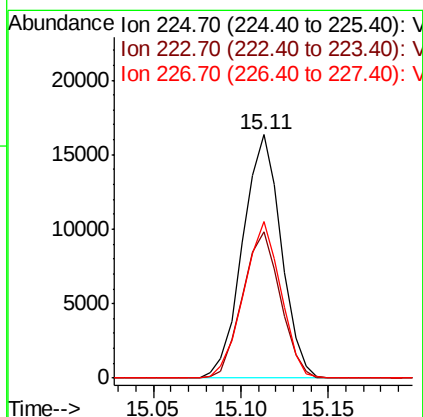
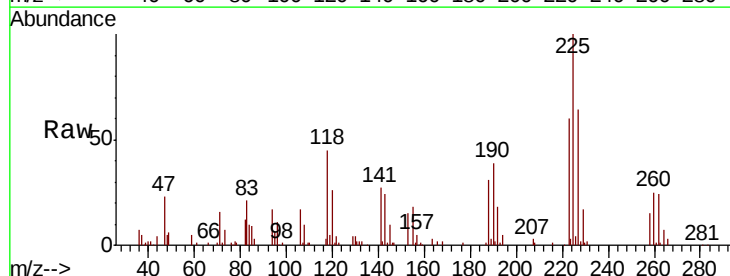
Instrument :
 MSVOA_Y
 ClientSampleId :

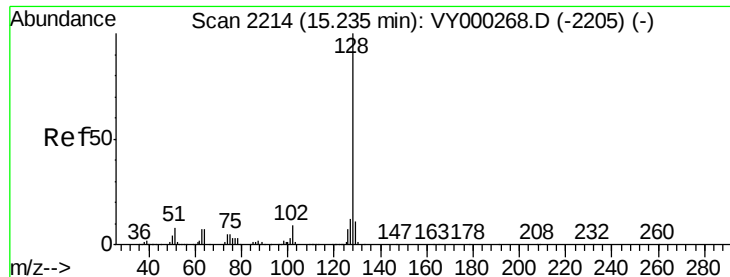
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.5	142.6
145	30.9	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 11.871 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.1	31.9	95.7
227	62.2	31.4	94.2

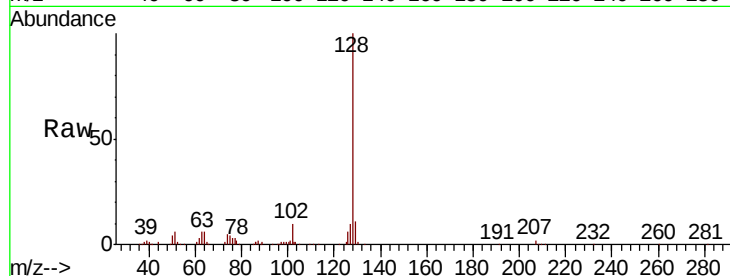




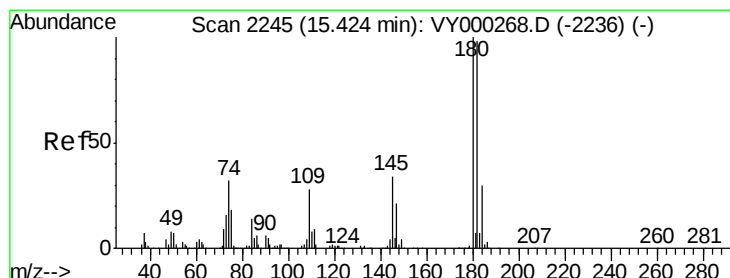
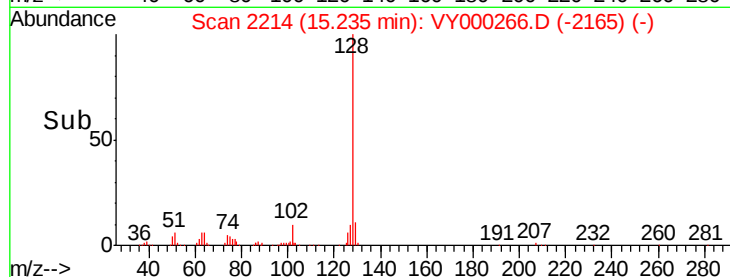
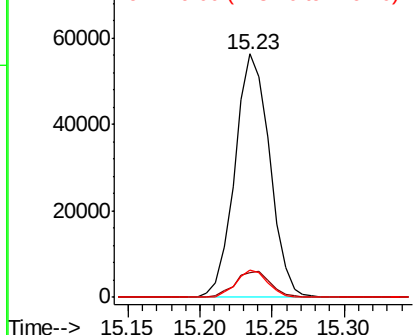
#95
Naphthalene
Concen: 10.895 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 94625
Ion Ratio Lower Upper
128 100
127 11.0 9.6 14.4
129 10.1 8.7 13.1

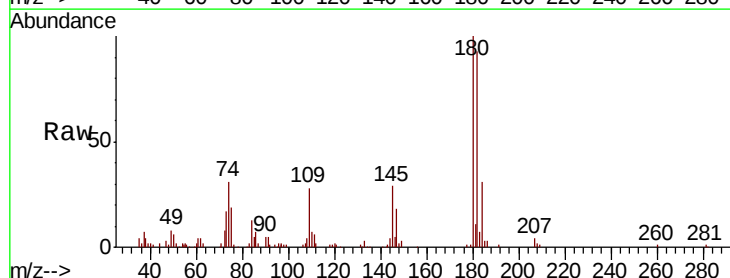


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 10.949 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion:180 Resp: 38407
Ion Ratio Lower Upper
180 100
182 95.3 46.5 139.5
145 30.6 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

