

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
 Data File : VY000450.D
 Acq On : 28 Oct 2019 13:27
 Operator : SY/MD
 Sample : VY1028SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 10:44:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	201822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	332785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	305110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	153489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	115947	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.73	113	104113	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.18	98	407191	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.48	95	148425	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	44076	25.514	ug/l	96
3) Chloromethane	2.11	50	60885	24.688	ug/l	95
4) Vinyl Chloride	2.25	62	57447	23.081	ug/l	98
5) Bromomethane	2.63	94	36665	19.877	ug/l	99
6) Chloroethane	2.79	64	36633	22.811	ug/l	97
7) Trichlorofluoromethane	3.12	101	78973	23.196	ug/l	95
8) Diethyl Ether	3.53	74	31591	26.266	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	49409	23.930	ug/l	100
10) Methyl Iodide	4.10	142	49756	17.703	ug/l	99
11) Tert butyl alcohol	4.98	59	25070	112.527	ug/l	96
12) 1,1-Dichloroethene	3.87	96	47280	23.195	ug/l	90
13) Acrolein	3.74	56	20289	77.676	ug/l	99
14) Allyl chloride	4.49	41	80052	23.699	ug/l	97
15) Acrylonitrile	5.18	53	79637	118.297	ug/l	98
16) Acetone	3.96	43	76129	110.423	ug/l	94
17) Carbon Disulfide	4.20	76	136216	21.225	ug/l	98
18) Methyl Acetate	4.48	43	40472	23.627	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	137484	24.229	ug/l	94
20) Methylene Chloride	4.72	84	61099	23.412	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	54695	23.388	ug/l	94
22) Diisopropyl ether	6.13	45	175086	24.507	ug/l	97
23) Vinyl Acetate	6.08	43	546941	117.347	ug/l	99
24) 1,1-Dichloroethane	6.03	63	91478	23.458	ug/l	99
25) 2-Butanone	7.00	43	114242	117.631	ug/l	100
26) 2,2-Dichloropropane	6.99	77	84373	23.480	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	60591	23.944	ug/l	98
28) Bromochloromethane	7.35	49	34847	20.816	ug/l	96
29) Tetrahydrofuran	7.36	42	70171	119.221	ug/l	98
30) Chloroform	7.52	83	93499	23.808	ug/l	96
31) Cyclohexane	7.80	56	91108	22.369	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	81917	23.462	ug/l	99
36) 1,1-Dichloropropene	7.93	75	74416	22.840	ug/l	98
37) Ethyl Acetate	7.09	43	43980	22.797	ug/l	99
38) Carbon Tetrachloride	7.91	117	72933	23.119	ug/l	95

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Quant Time: Oct 29 10:44:12 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	97225	22.800	ug/l	95
40) Benzene	8.17	78	220491	23.417	ug/l	98
41) Methacrylonitrile	7.36	41	63703	69.369	ug/l #	26
42) 1,2-Dichloroethane	8.25	62	63704	23.685	ug/l	100
43) Isopropyl Acetate	8.28	43	84043	22.911	ug/l	99
44) Trichloroethene	8.95	130	59002	22.333	ug/l	97
45) 1,2-Dichloropropane	9.22	63	54385	23.537	ug/l	94
46) Dibromomethane	9.31	93	30985	23.988	ug/l	97
47) Bromodichloromethane	9.50	83	72103	23.686	ug/l	99
48) Methyl methacrylate	9.30	41	38526	23.964	ug/l	99
49) 1,4-Dioxane	9.30	88	8641	446.161	ug/l #	91
51) 4-Methyl-2-Pentanone	10.08	43	228601	120.825	ug/l	100
52) Toluene	10.25	92	141706	23.705	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	76882	23.566	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	88781	23.963	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	45784	24.378	ug/l	95
56) Ethyl methacrylate	10.51	69	63568	23.746	ug/l	98
57) 1,3-Dichloropropane	10.79	76	76622	23.756	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	149238	139.768	ug/l	100
59) 2-Hexanone	10.83	43	171960	129.486	ug/l	98
60) Dibromochloromethane	10.99	129	49271	23.669	ug/l	98
61) 1,2-Dibromoethane	11.09	107	42019	23.301	ug/l	98
64) Tetrachloroethene	10.72	164	59202	20.382	ug/l	99
65) Chlorobenzene	11.52	112	146197	22.704	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	50965	22.531	ug/l	96
67) Ethyl Benzene	11.59	91	272950	22.866	ug/l	98
68) m/p-Xylenes	11.70	106	204572	44.830	ug/l	100
69) o-Xylene	12.03	106	99622	22.885	ug/l	96
70) Styrene	12.04	104	165800	22.584	ug/l	99
71) Bromoform	12.20	173	30417	23.392	ug/l #	97
73) Isopropylbenzene	12.33	105	260499	21.766	ug/l	99
74) N-amyl acetate	12.14	43	76308	25.972	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	55383	24.647	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	73014	38.685	ug/l #	100
77) Bromobenzene	12.61	156	60984	22.899	ug/l	95
78) n-propylbenzene	12.67	91	317541	22.098	ug/l	100
79) 2-Chlorotoluene	12.75	91	178664	22.514	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	223166	22.238	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	18436	21.372	ug/l	97
82) 4-Chlorotoluene	12.85	91	186340	22.214	ug/l	98
83) tert-Butylbenzene	13.07	119	194015	22.829	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	220770	22.289	ug/l	99
85) sec-Butylbenzene	13.25	105	274845	22.356	ug/l	100
86) p-Isopropyltoluene	13.37	119	244272	22.790	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	120352	22.937	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	121457	23.158	ug/l	98
89) n-Butylbenzene	13.69	91	240805	22.735	ug/l	99
90) Hexachloroethane	13.95	117	44699	22.522	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	108291	22.805	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9295	21.810	ug/l	99

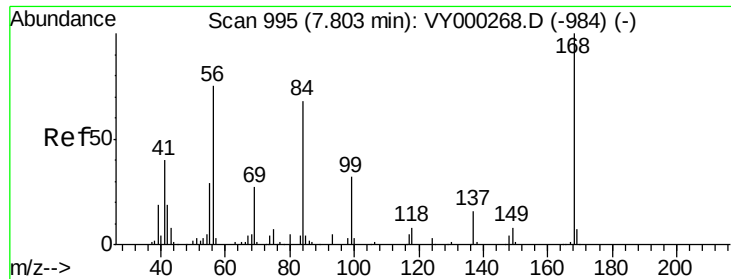
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
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Quant Time: Oct 29 10:44:12 2019
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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	77185	23.346	ug/l	99
94) Hexachlorobutadiene	15.11	225	40564	22.672	ug/l	99
95) Naphthalene	15.23	128	172475	23.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	70934	23.806	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

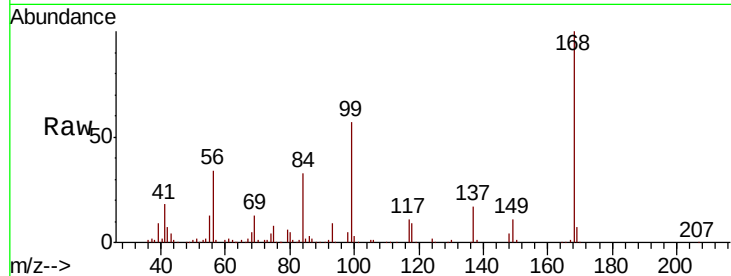
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 201822

Ion Ratio Lower Upper

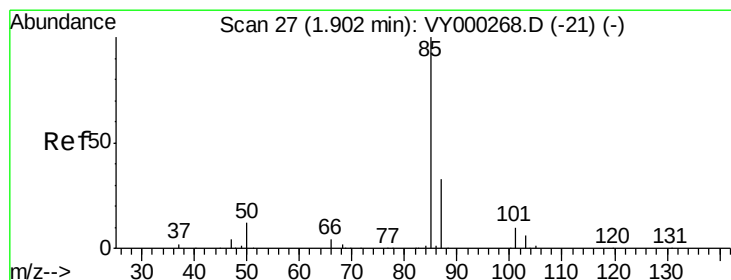
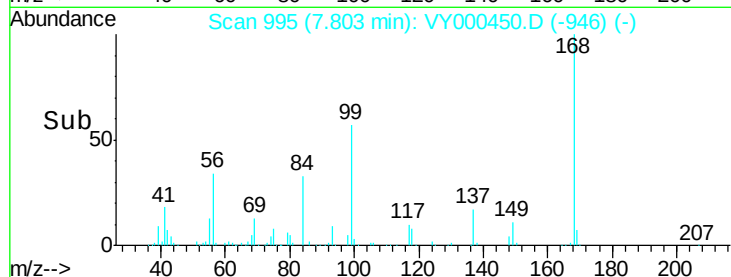
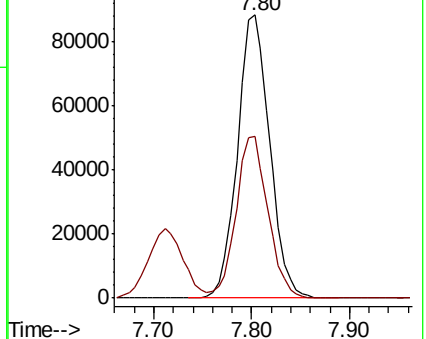
168 100

99 56.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000450.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000450.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 25.514 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000450.D

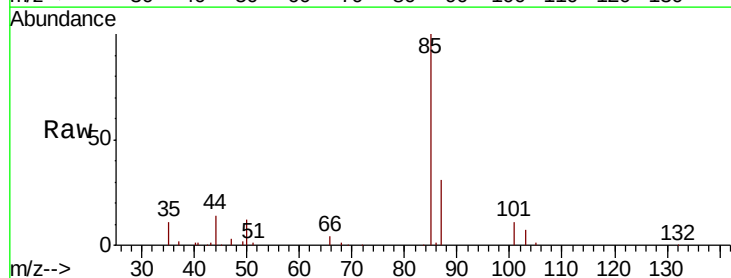
Acq: 28 Oct 2019 13:27

Tgt Ion: 85 Resp: 44076

Ion Ratio Lower Upper

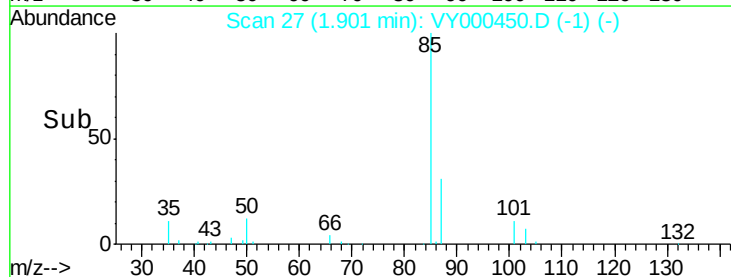
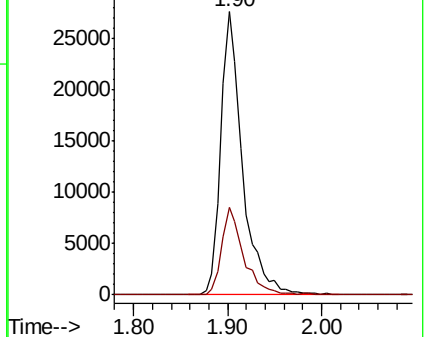
85 100

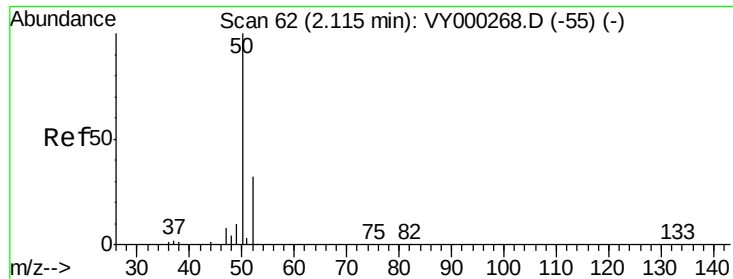
87 30.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000450.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000450.D (-1) (-)





#3

Chloromethane

Concen: 24.688 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

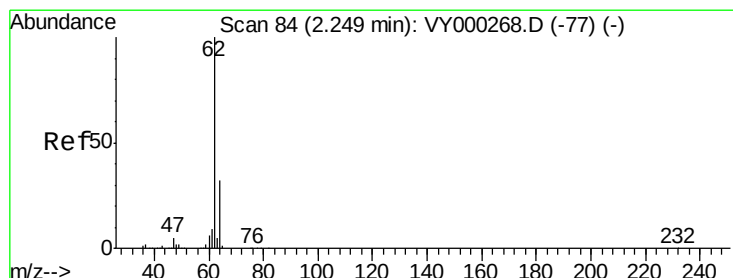
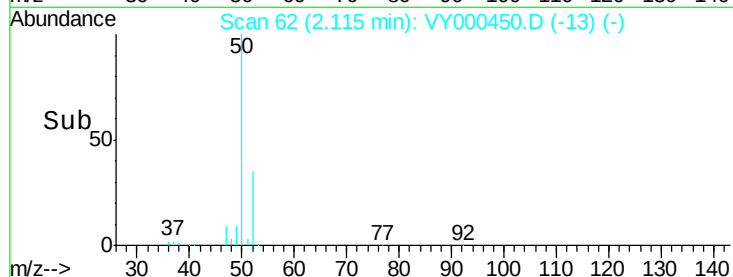
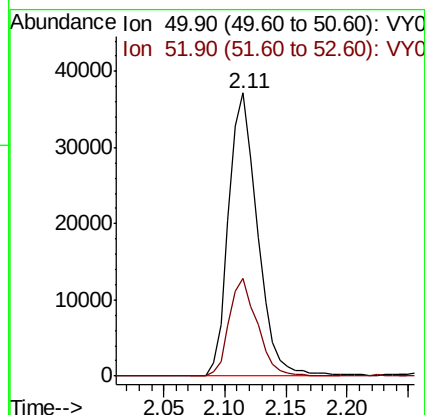
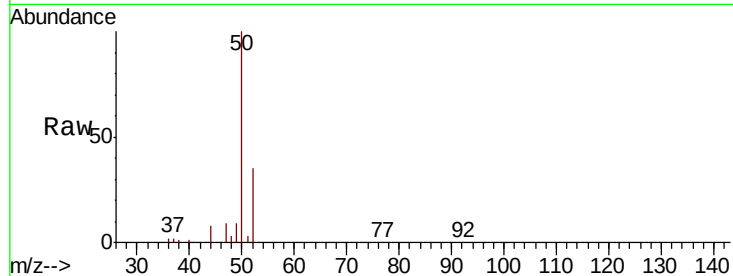
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 60885

Ion Ratio Lower Upper

50 100

52 34.6 25.3 37.9



#4

Vinyl Chloride

Concen: 23.081 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000450.D

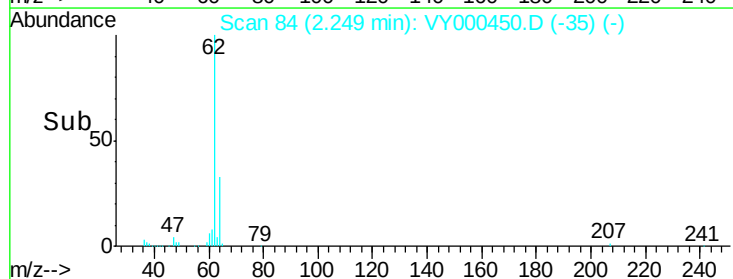
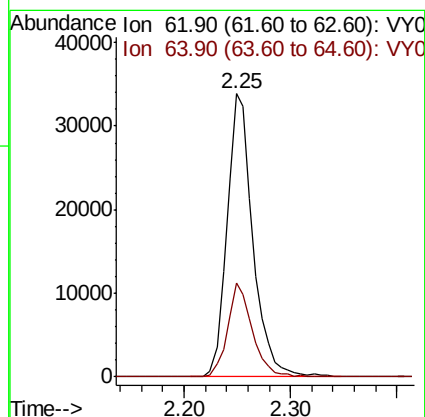
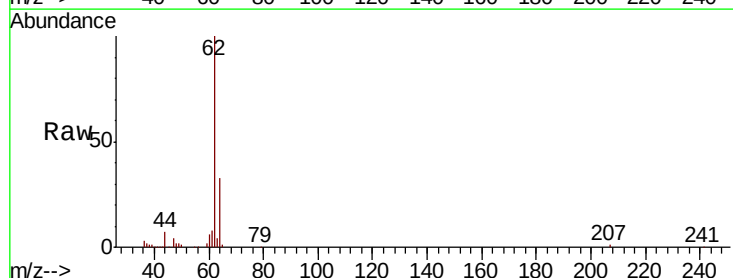
Acq: 28 Oct 2019 13:27

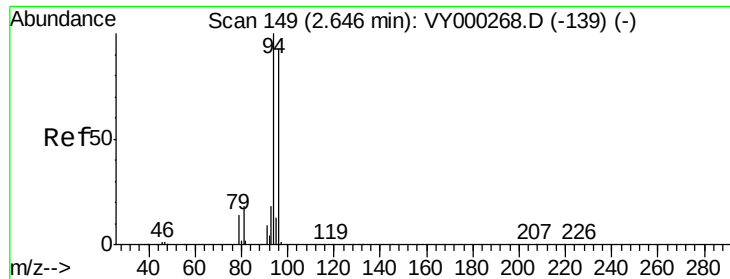
Tgt Ion: 62 Resp: 57447

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4





#5

Bromomethane

Concen: 19.877 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

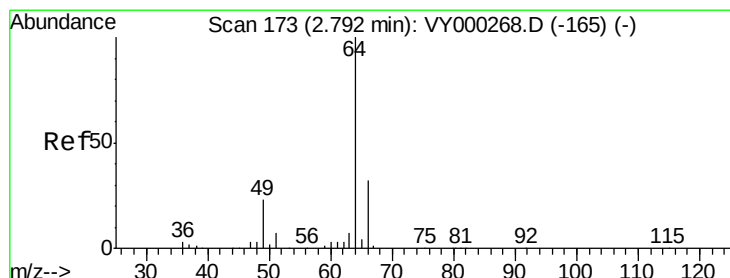
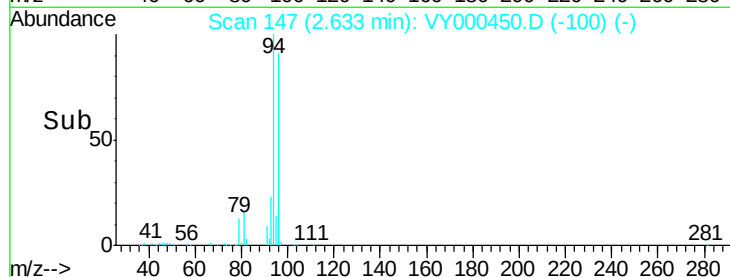
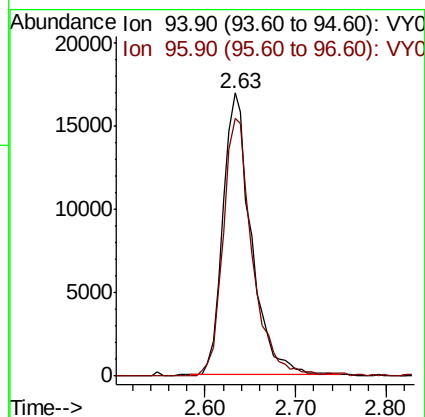
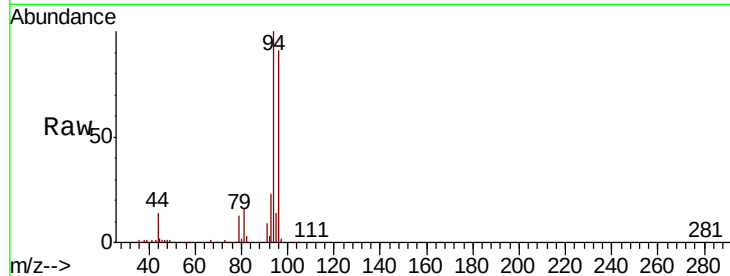
ClientSampleId :

Tot Ion: 94 Resp: 36665

Ion Ratio Lower Upper

94 100

96 91.5 74.2 111.2



#6

Chloroethane

Concen: 22.811 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000450.D

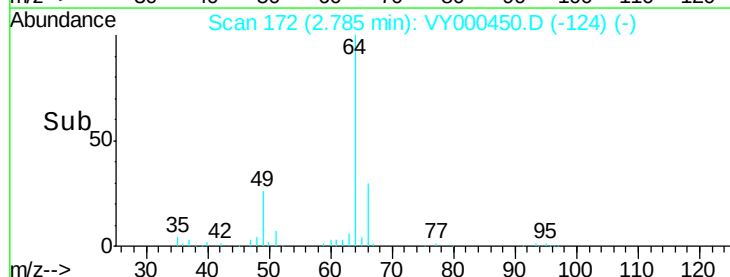
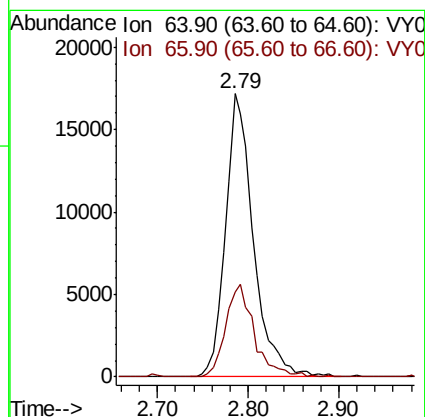
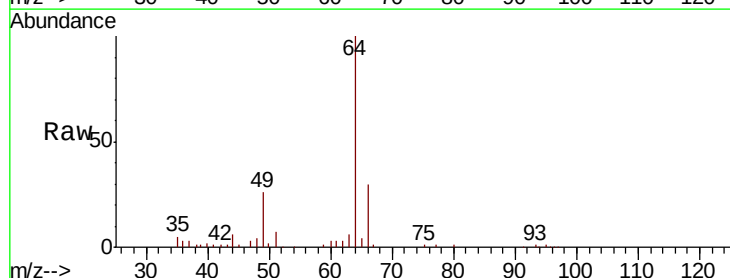
Acq: 28 Oct 2019 13:27

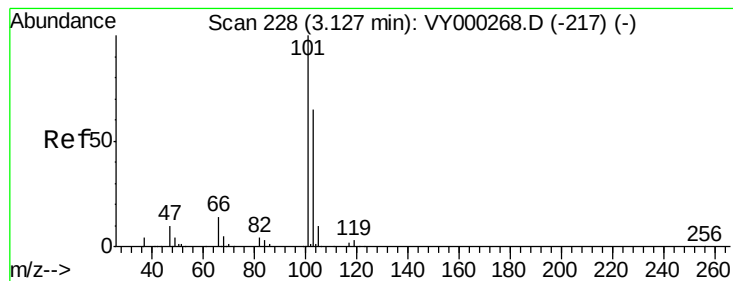
Tgt Ion: 64 Resp: 36633

Ion Ratio Lower Upper

64 100

66 30.2 25.6 38.4



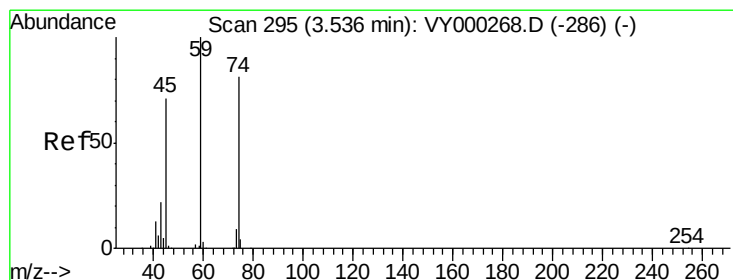
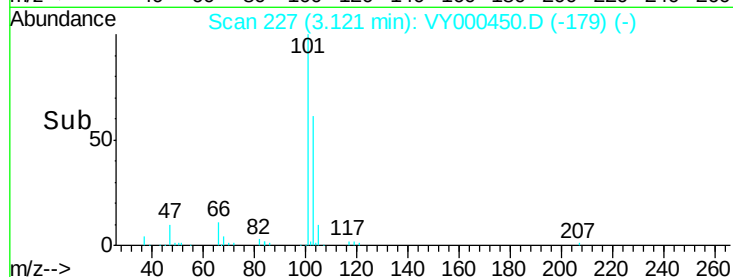
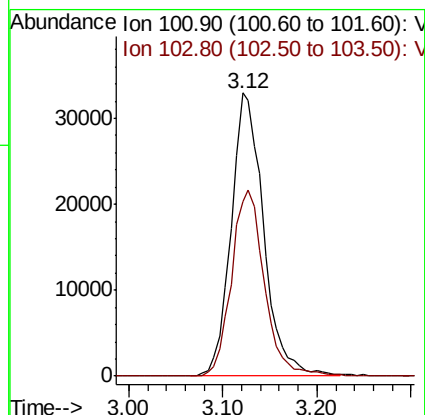
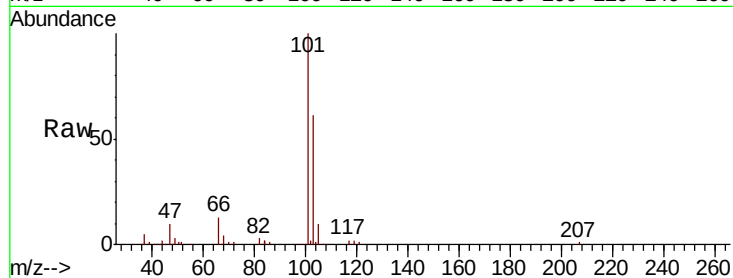


#7

Trichlorofluoromethane
 Concen: 23.196 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :

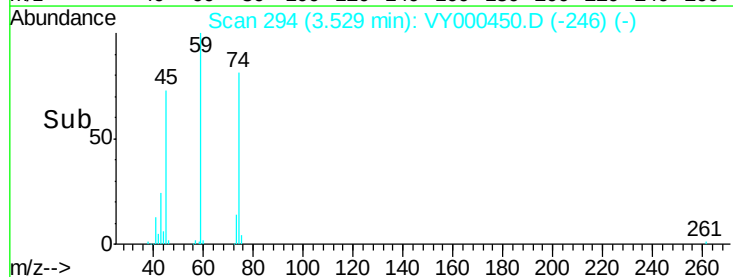
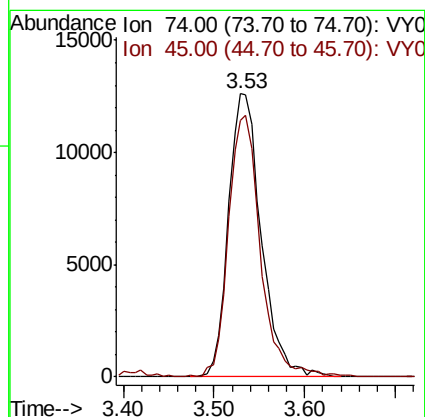
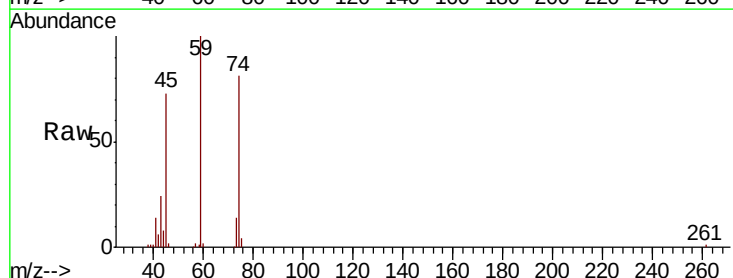
Tot Ion:101 Resp: 78973
 Ion Ratio Lower Upper
 101 100
 103 61.5 52.2 78.4

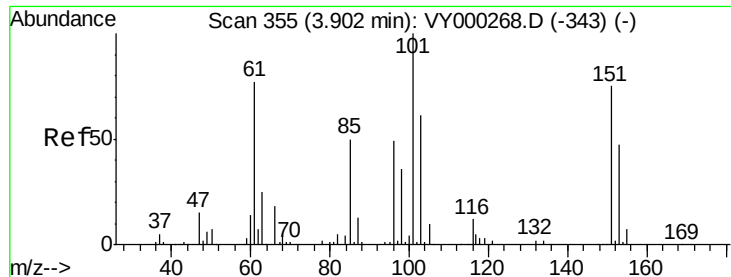


#8

Diethyl Ether
 Concen: 26.266 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion: 74 Resp: 31591
 Ion Ratio Lower Upper
 74 100
 45 89.9 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.930 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

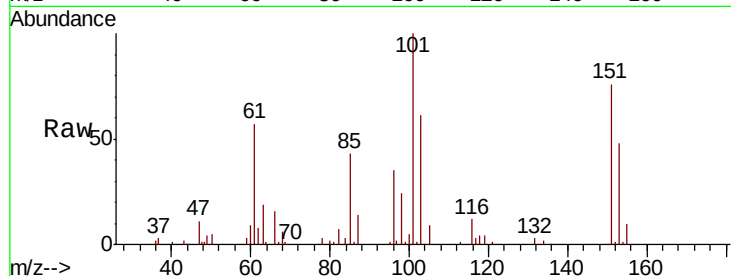
Tot Ion:101 Resp: 49409

Ion Ratio Lower Upper

101 100

85 45.6 36.6 55.0

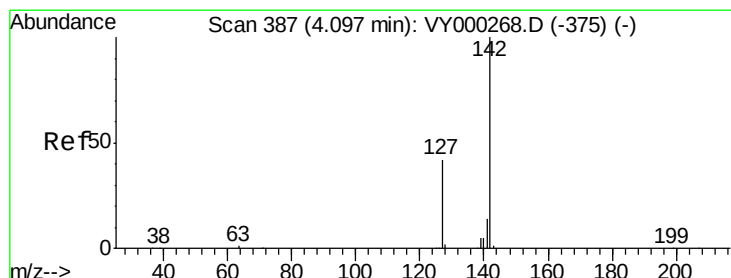
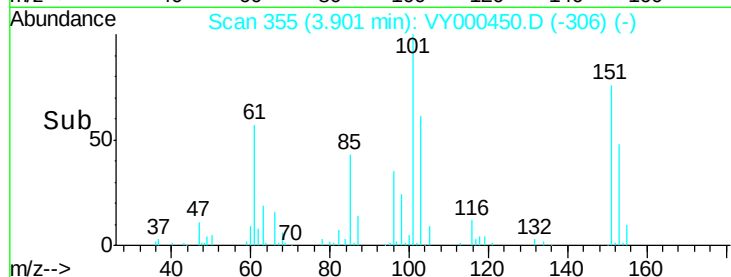
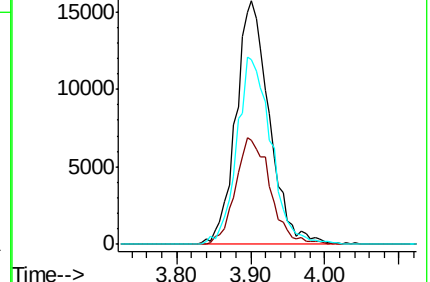
151 78.7 63.1 94.7



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: 17.703 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

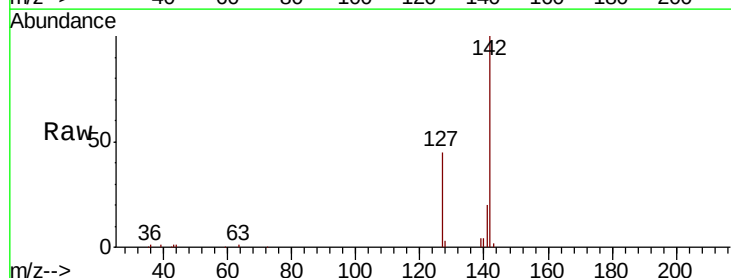
Tgt Ion:142 Resp: 49756

Ion Ratio Lower Upper

142 100

127 42.5 33.9 50.9

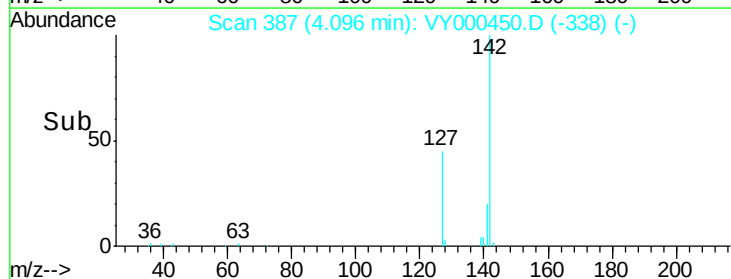
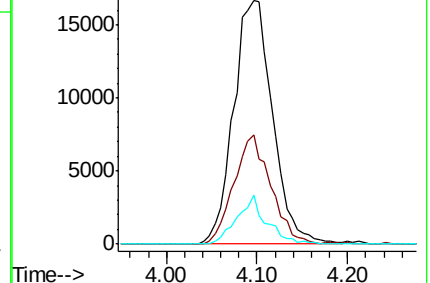
141 15.2 11.2 16.8

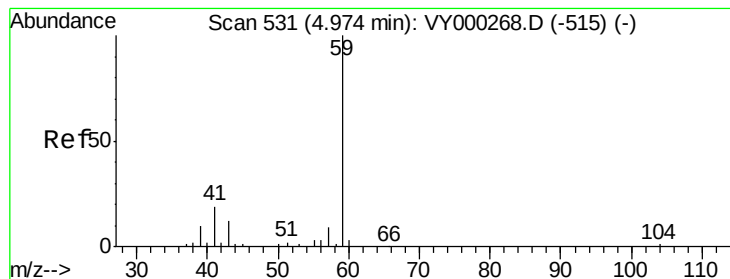


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



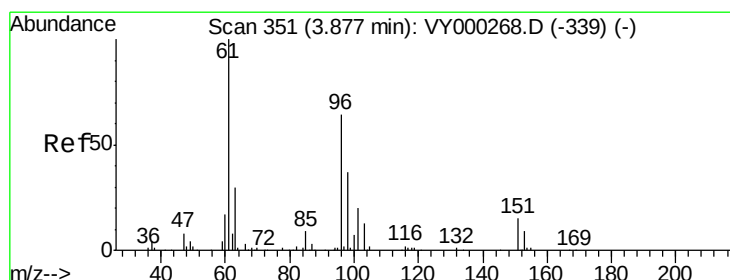
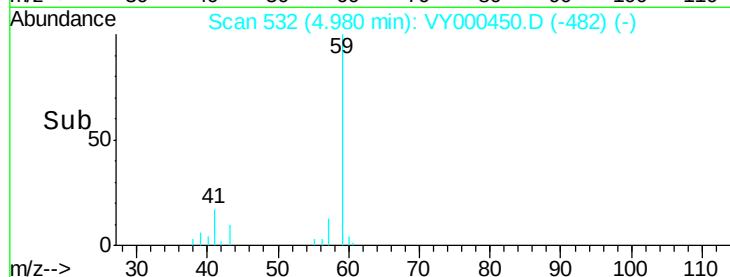
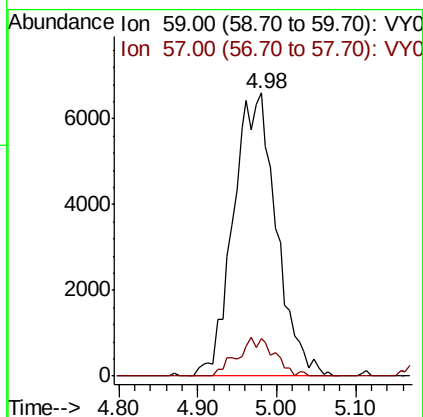
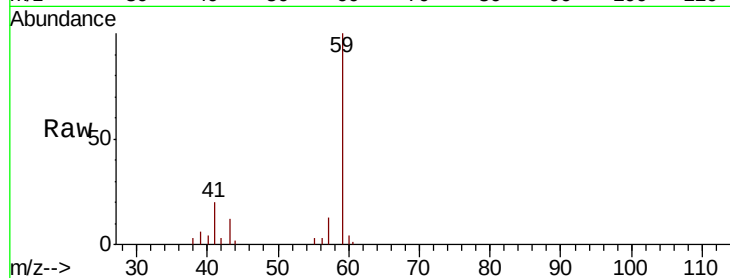


#11

Tert butyl alcohol
Concen: 112.527 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampleId :

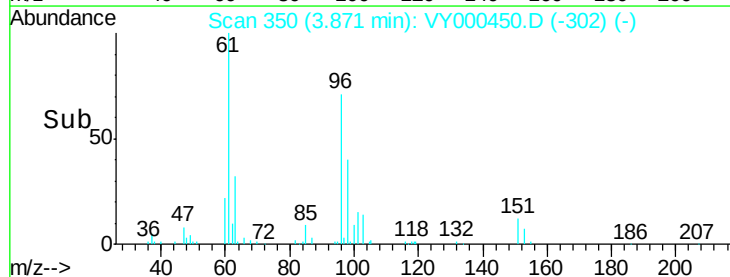
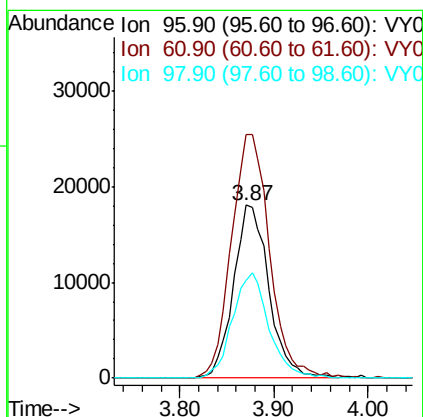
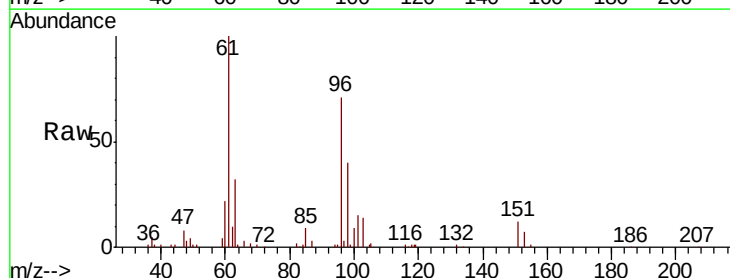
Tot Ion: 59 Resp: 25070
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.2

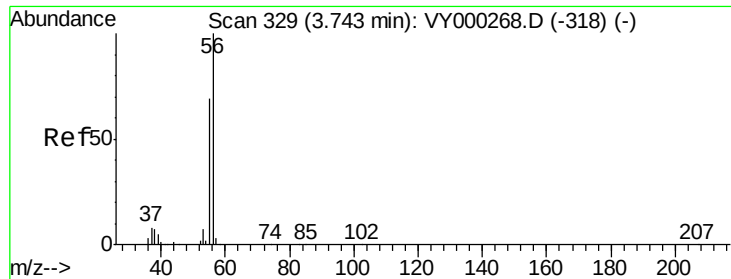


#12

1,1-Dichloroethene
Concen: 23.195 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 96 Resp: 47280
Ion Ratio Lower Upper
96 100
61 140.5 125.8 188.6
98 56.8 46.2 69.2





#13

Acrolein

Concen: 77.676 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

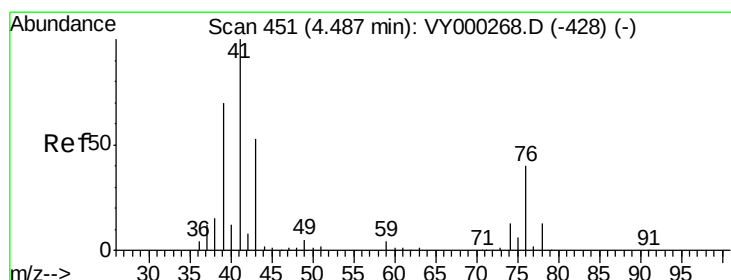
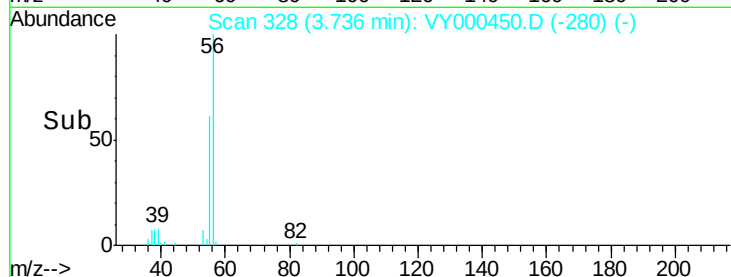
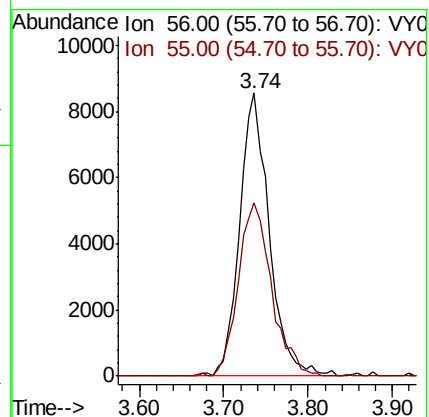
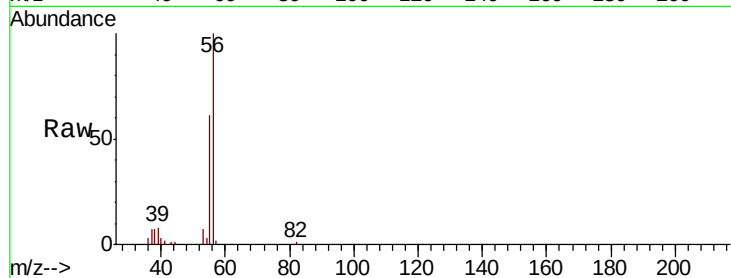
ClientSampleId :

Tot Ion: 56 Resp: 20289

Ion Ratio Lower Upper

56 100

55 68.9 55.7 83.5



#14

Allyl chloride

Concen: 23.699 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

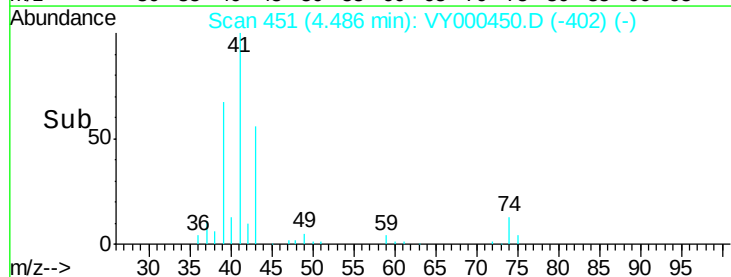
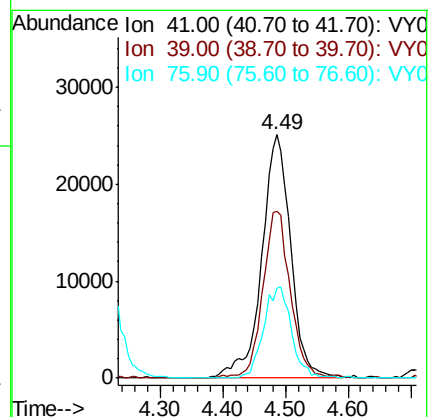
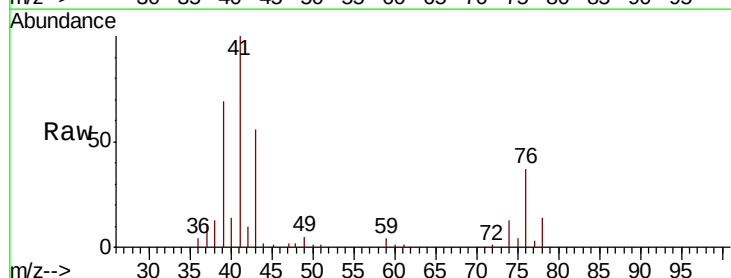
Tgt Ion: 41 Resp: 80052

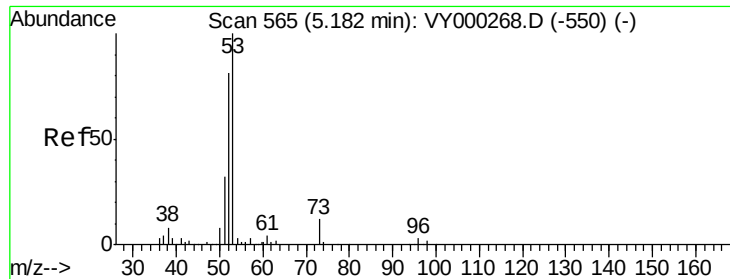
Ion Ratio Lower Upper

41 100

39 65.8 54.0 81.0

76 35.8 30.7 46.1





#15

Acrylonitrile

Concen: 118.297 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

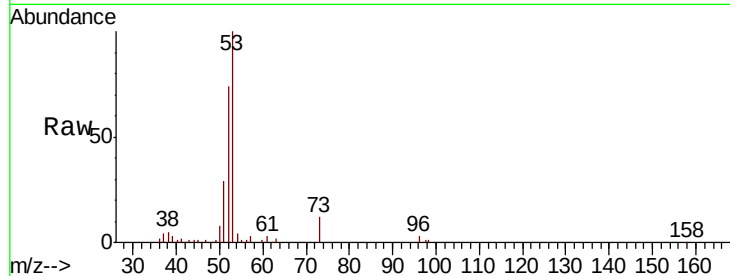
Tot Ion: 53 Resp: 79637

Ion Ratio Lower Upper

53 100

52 80.5 62.9 94.3

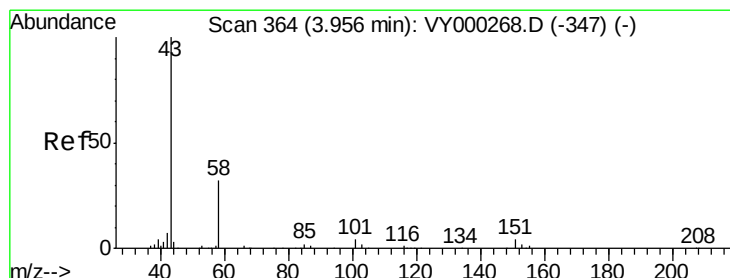
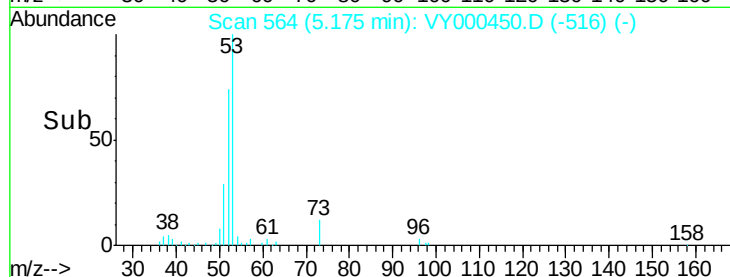
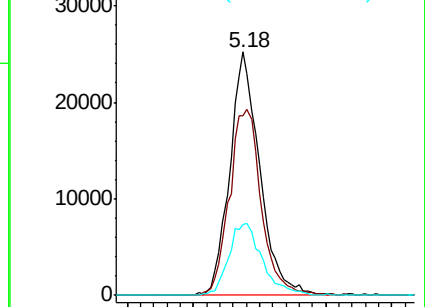
51 32.9 26.9 40.3



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: 110.423 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000450.D

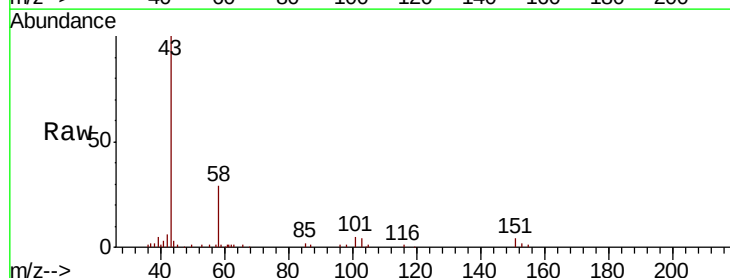
Acq: 28 Oct 2019 13:27

Tgt Ion: 43 Resp: 76129

Ion Ratio Lower Upper

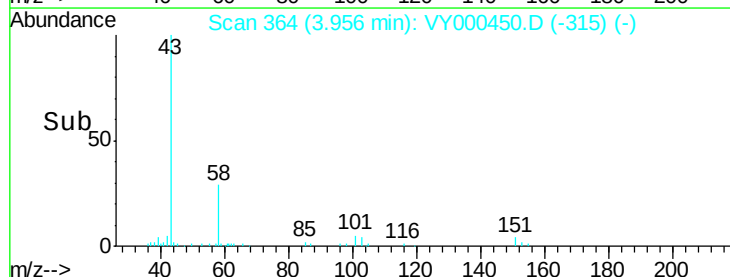
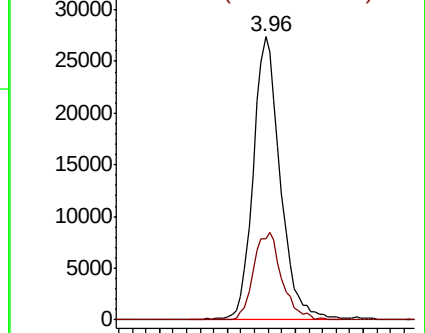
43 100

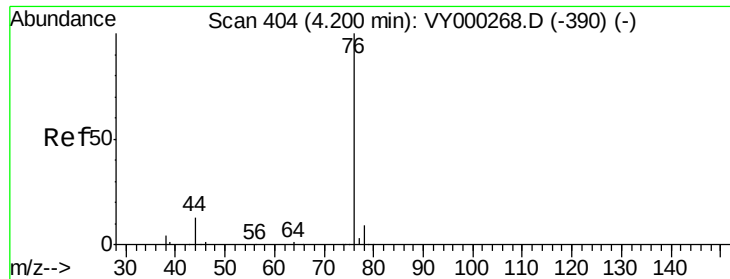
58 28.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.225 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

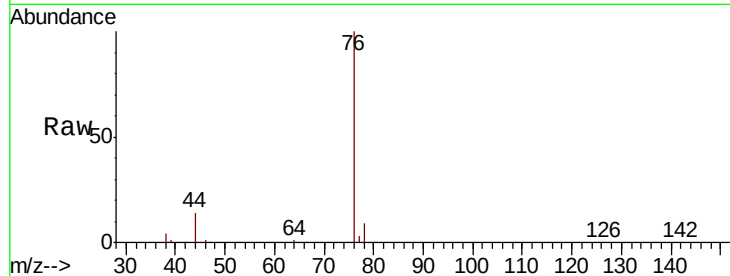
ClientSampled :

Tot Ion: 76 Resp: 136216

Ion Ratio Lower Upper

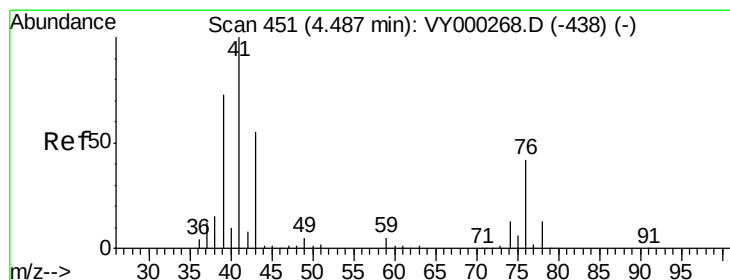
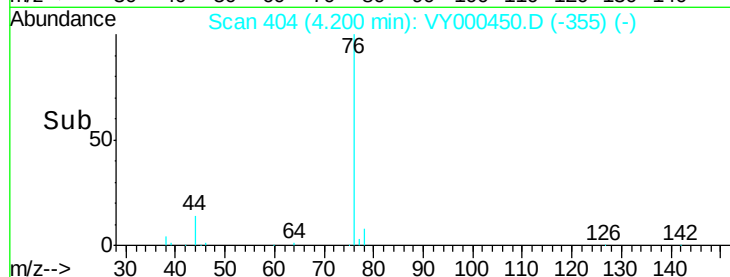
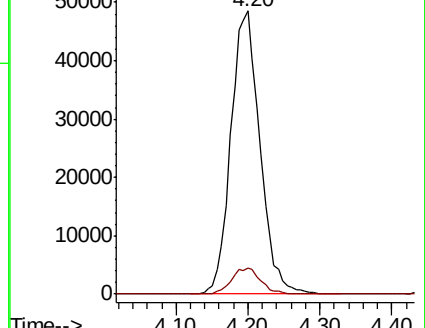
76 100

78 9.4 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY000450.D (-355) (-)

Ion 77.90 (77.60 to 78.60): VY000450.D (-355) (-)



#18

Methyl Acetate

Concen: 23.627 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000450.D

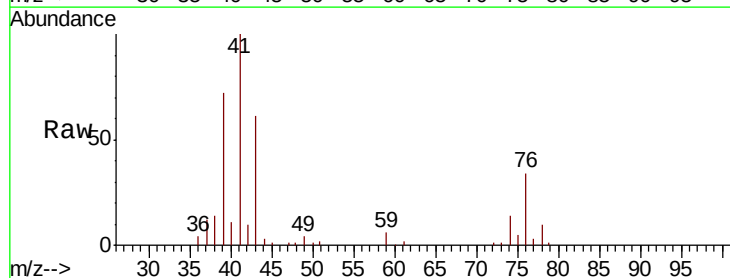
Acq: 28 Oct 2019 13:27

Tgt Ion: 43 Resp: 40472

Ion Ratio Lower Upper

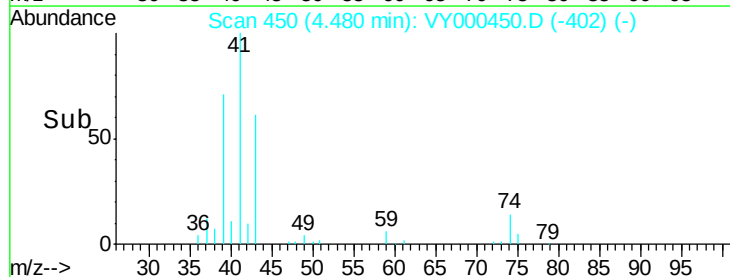
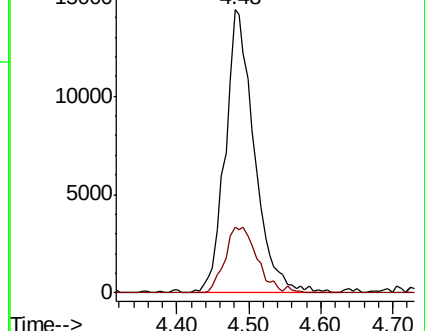
43 100

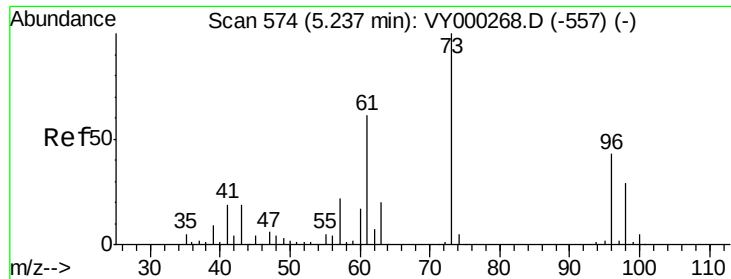
74 25.1 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.30): VY000450.D (-402) (-)

Ion 74.00 (73.70 to 74.30): VY000450.D (-402) (-)

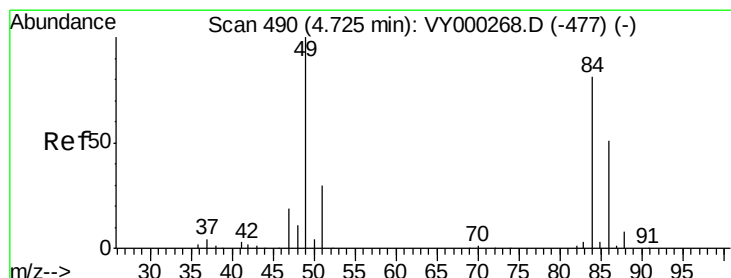
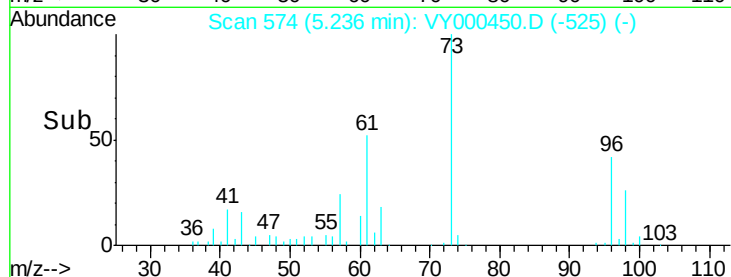
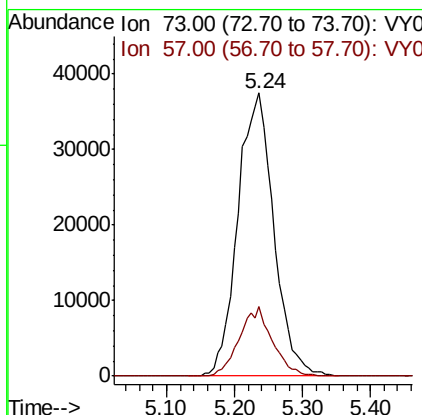
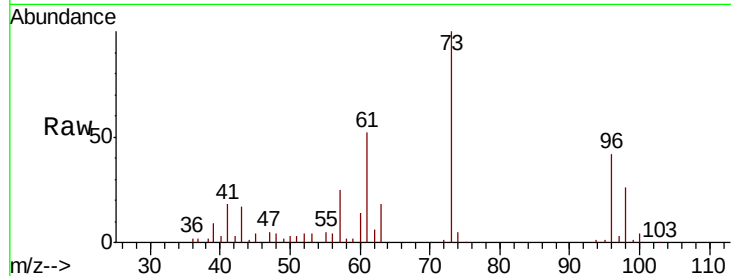




#19
Methyl tert-butyl Ether
Concen: 24.229 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

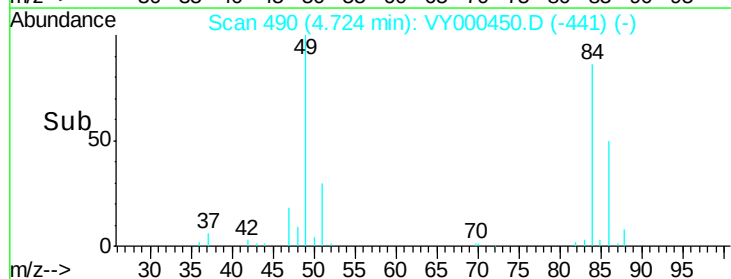
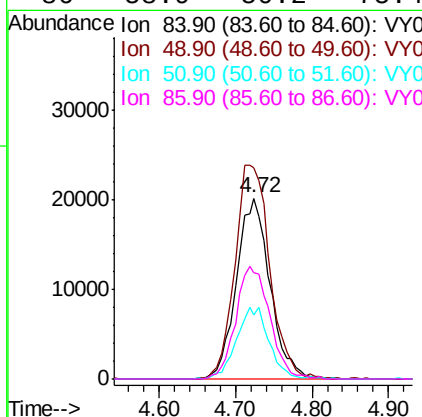
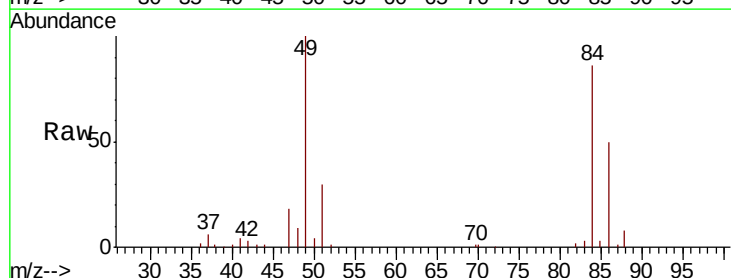
Instrument :
MSVOA_Y
ClientSampled :

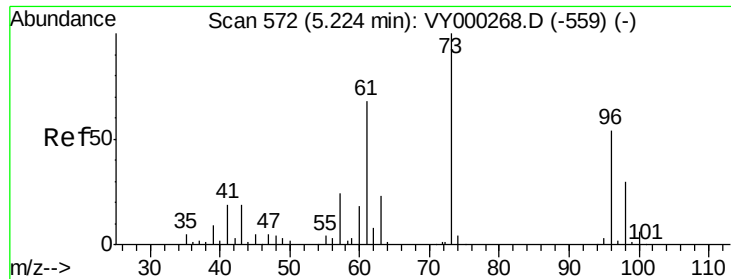
Tot Ion: 73 Resp: 137484
Ion Ratio Lower Upper
73 100
57 24.8 17.4 26.0



#20
Methylene Chloride
Concen: 23.412 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 84 Resp: 61099
Ion Ratio Lower Upper
84 100
49 116.9 99.0 148.4
51 35.3 29.3 43.9
86 58.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 23.388 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampled :

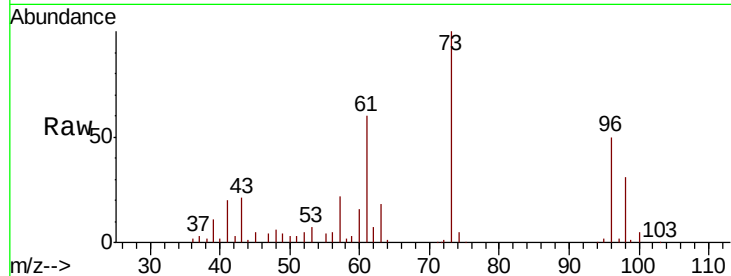
Tot Ion: 96 Resp: 54695

Ion Ratio Lower Upper

96 100

61 120.2 100.4 150.6

98 61.1 44.6 66.8

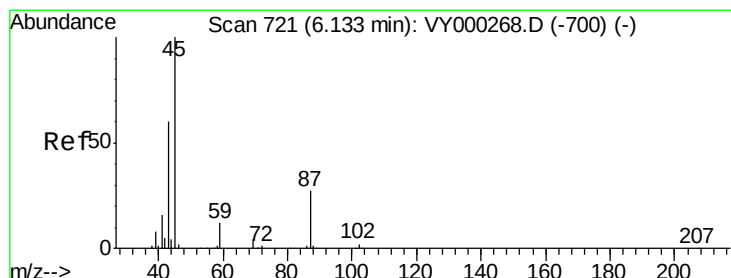
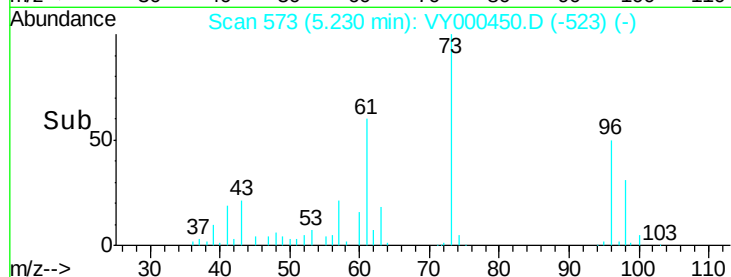
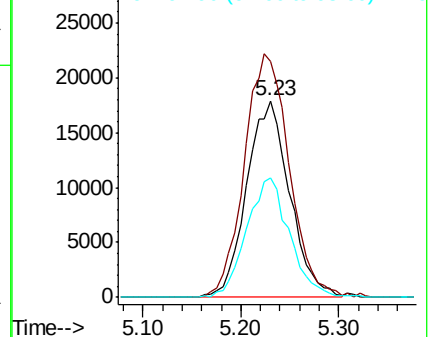


Abundance

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: 24.507 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Tgt Ion: 45 Resp: 175086

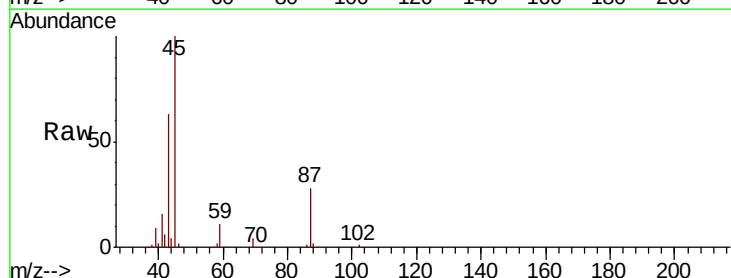
Ion Ratio Lower Upper

45 100

43 62.7 48.5 72.7

87 28.3 21.5 32.3

59 10.5 9.4 14.0



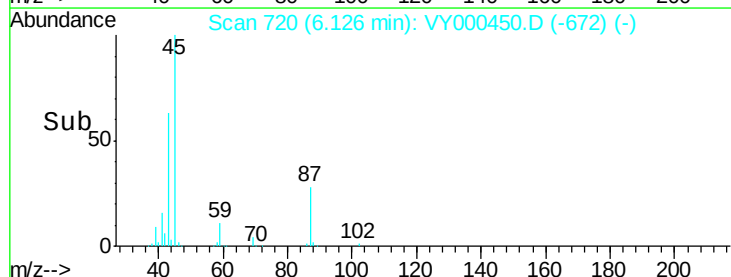
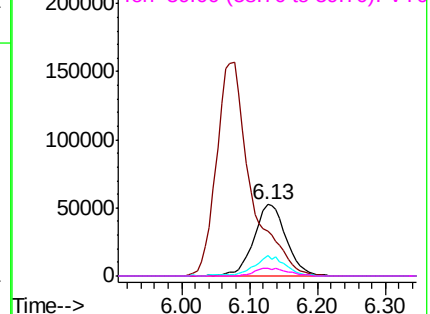
Abundance

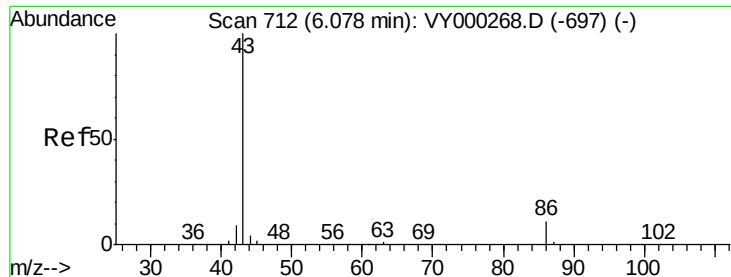
Ion 45.00 (44.70 to 45.70): VY0

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: 117.347 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

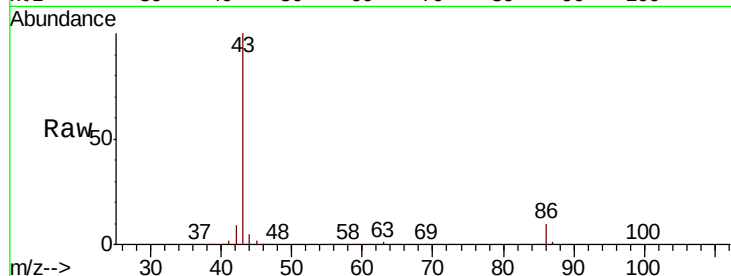
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 546941

Ion Ratio Lower Upper

43 100

86 10.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

150000

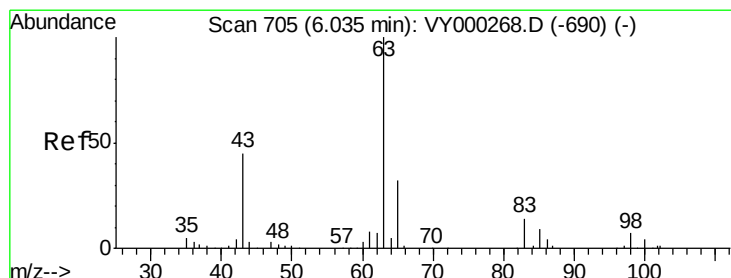
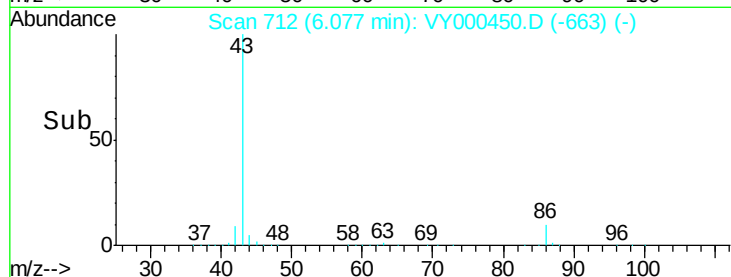
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 23.458 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

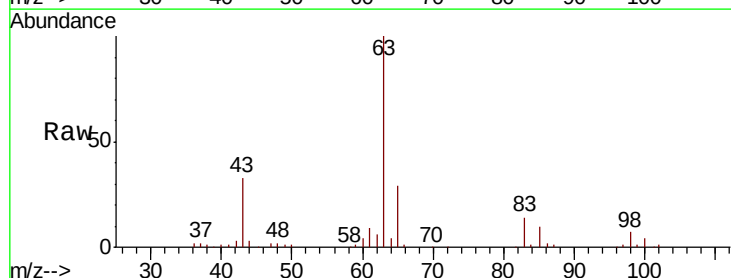
Tgt Ion: 63 Resp: 91478

Ion Ratio Lower Upper

63 100

98 7.2 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

6.03

40000

30000

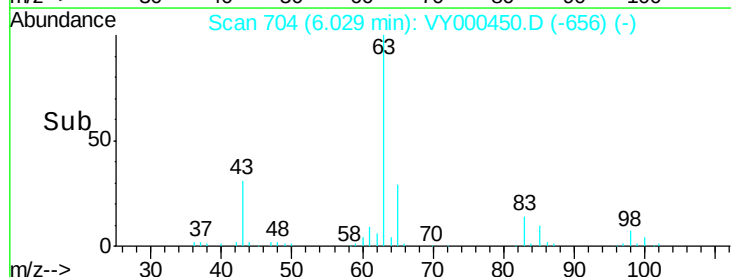
20000

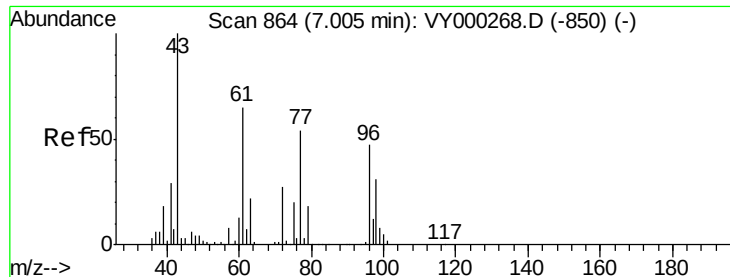
10000

0

Time-->

5.90 6.00 6.10





#25

2-Butanone

Concen: 117.631 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

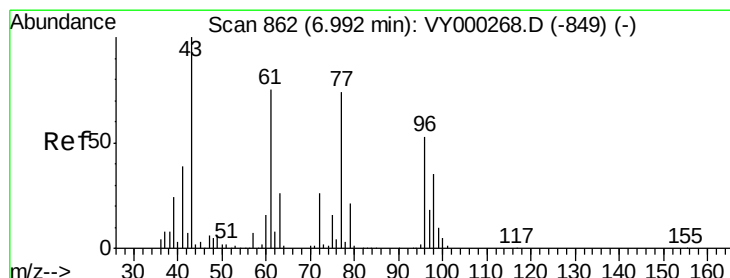
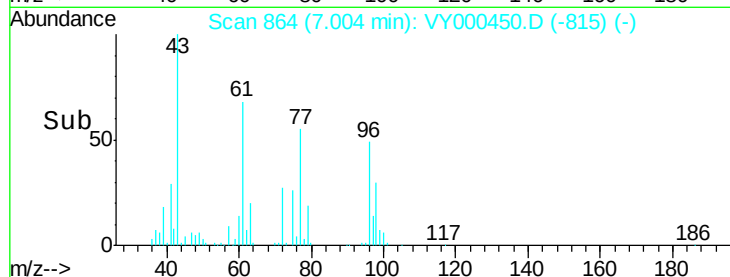
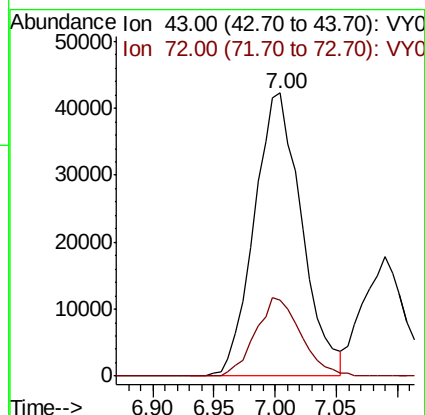
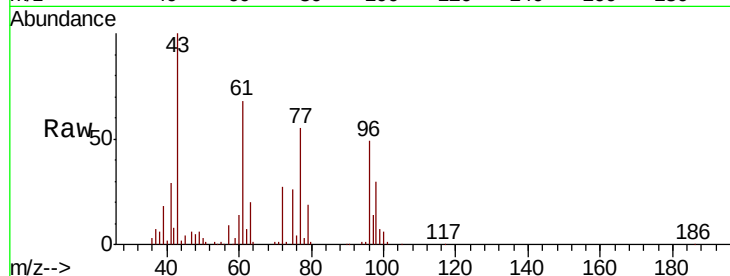
ClientSampleId :

Tot Ion: 43 Resp: 114242

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 23.480 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000450.D

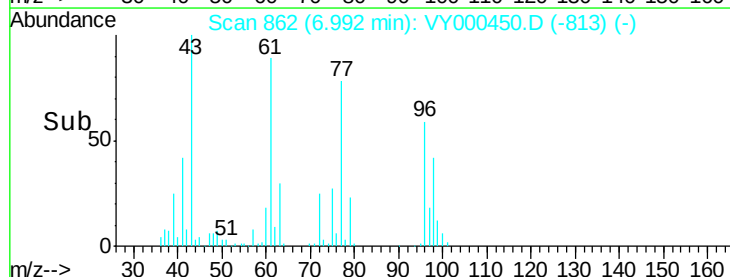
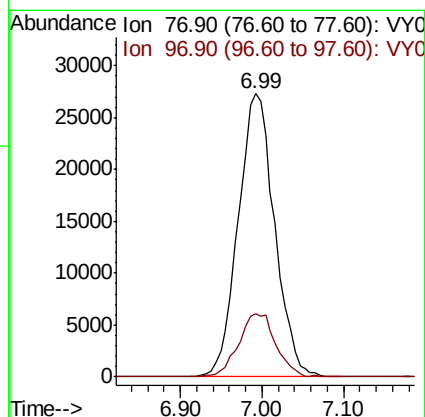
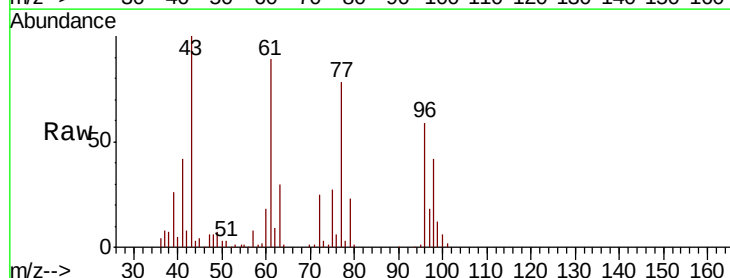
Acq: 28 Oct 2019 13:27

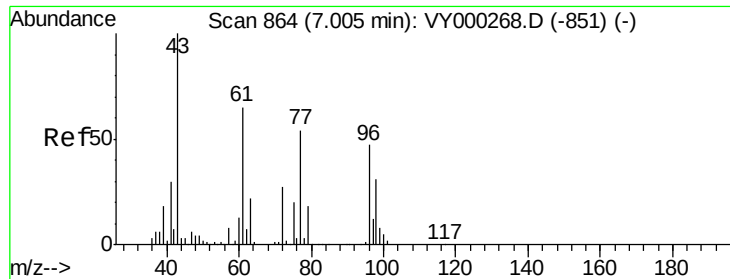
Tgt Ion: 77 Resp: 84373

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.7



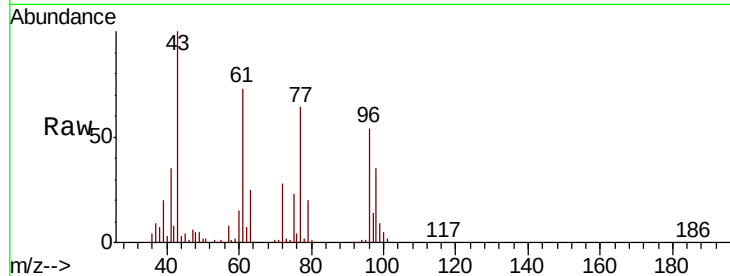


#27

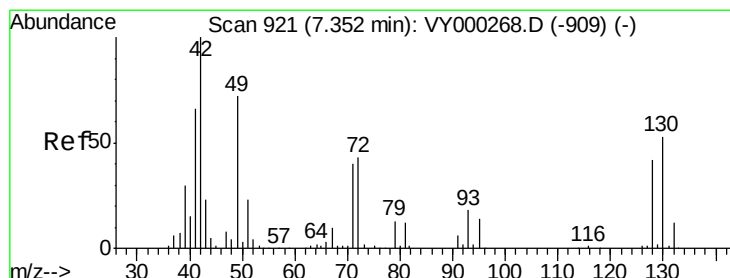
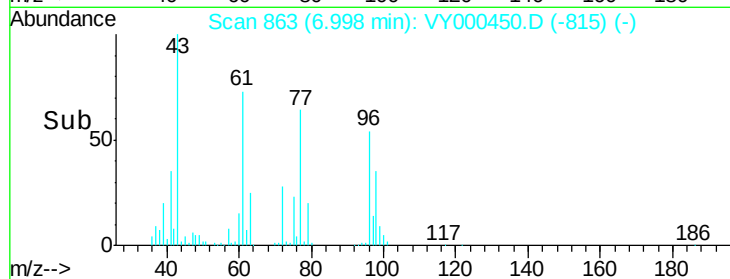
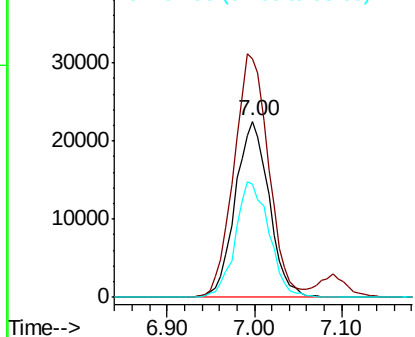
cis-1,2-Dichloroethene
Concen: 23.944 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 60591
Ion Ratio Lower Upper
96 100
61 142.0 0.0 289.8
98 65.2 0.0 131.8



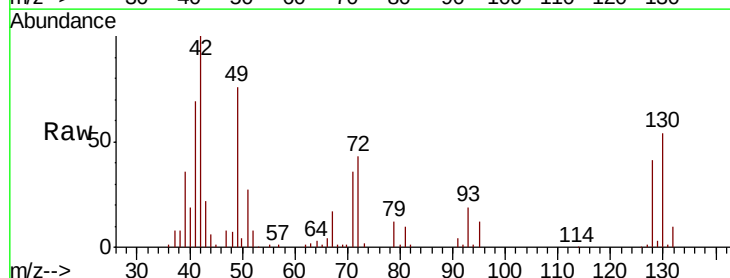
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



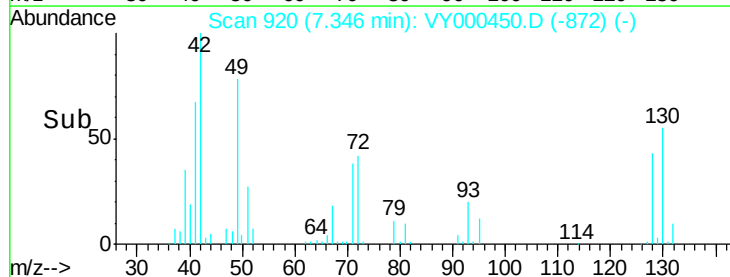
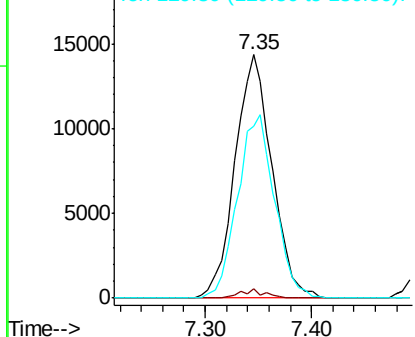
#28

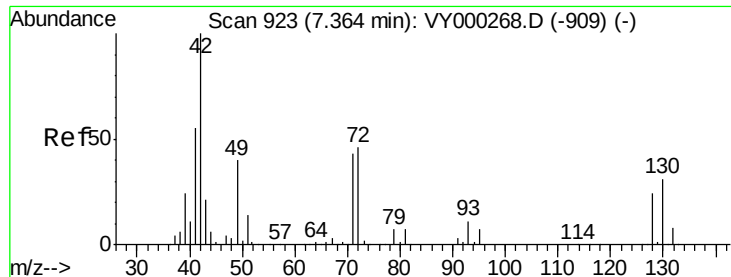
Bromochloromethane
Concen: 20.816 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 49 Resp: 34847
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 75.8 58.2 87.2



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

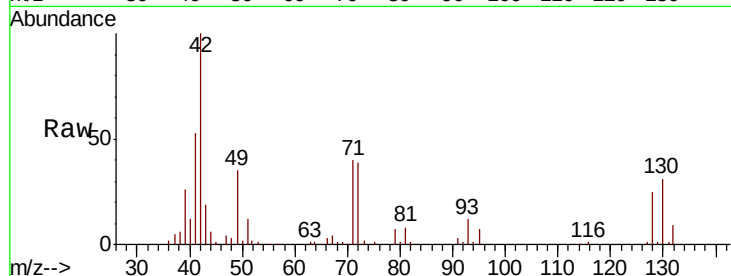




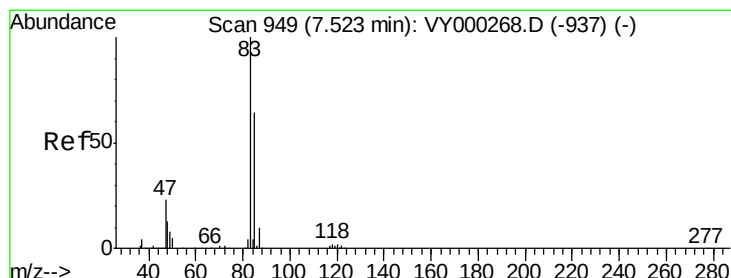
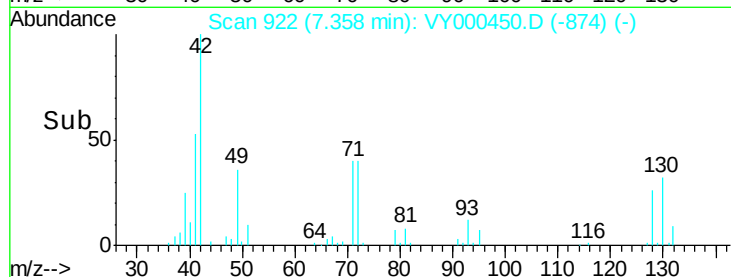
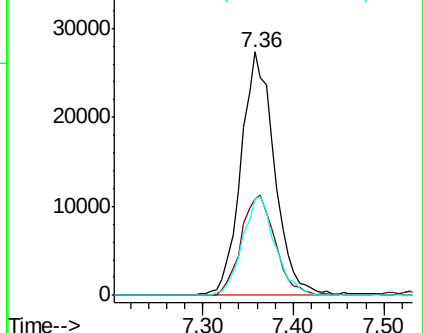
#29
Tetrahydrofuran
Concen: 119.221 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.5	51.7
71	39.4	32.7	49.1

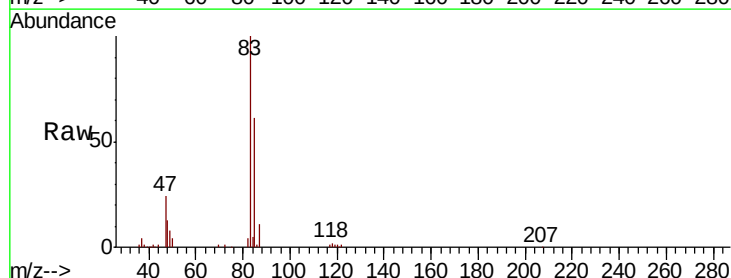


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

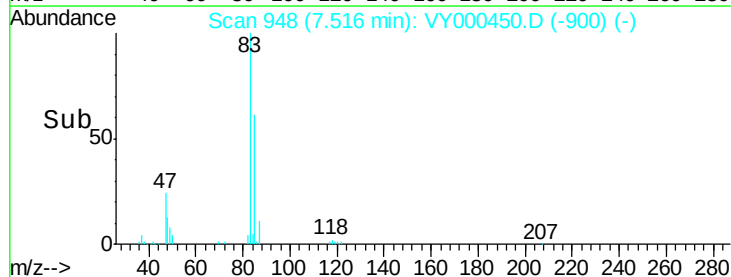
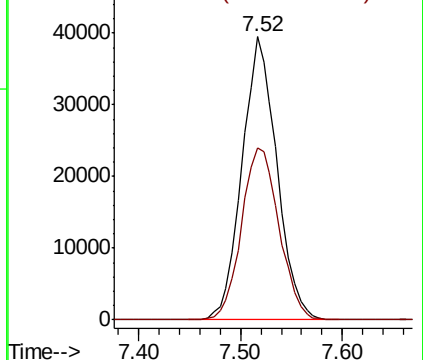


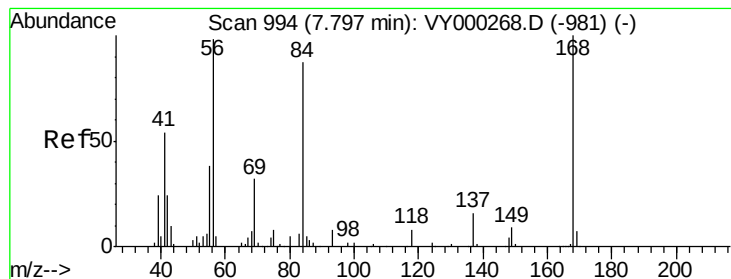
#30
Chloroform
Concen: 23.808 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.0	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: 22.369 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampled :

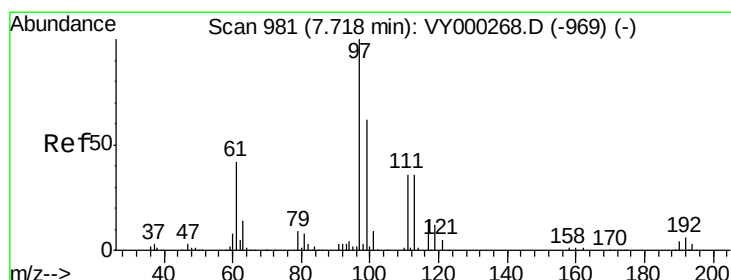
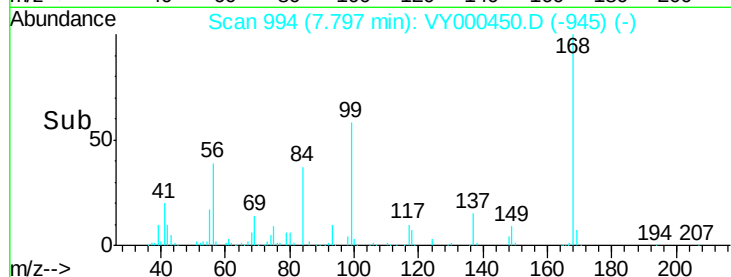
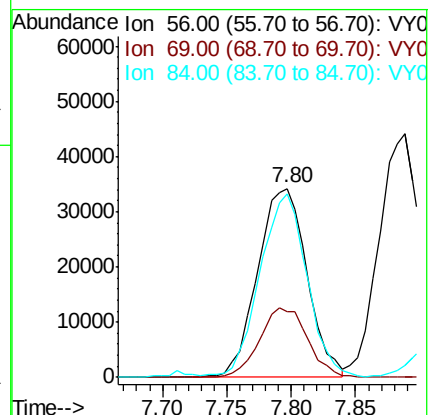
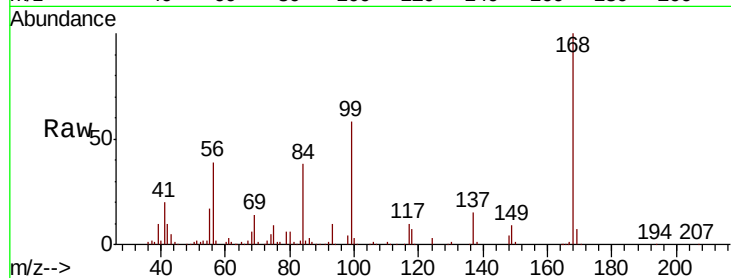
Tot Ion: 56 Resp: 91108

Ion Ratio Lower Upper

56 100

69 34.6 26.3 39.5

84 95.4 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 23.462 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

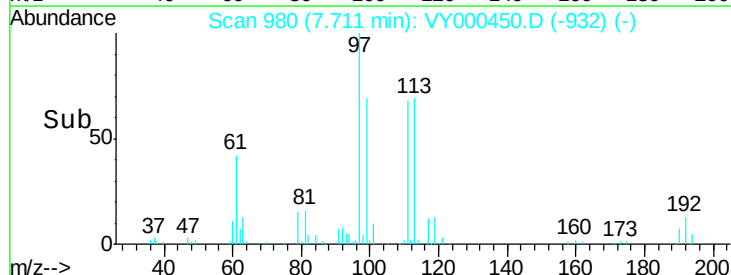
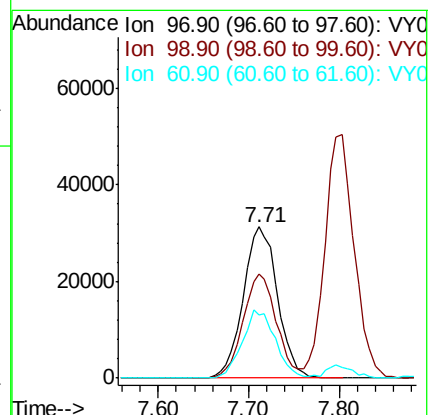
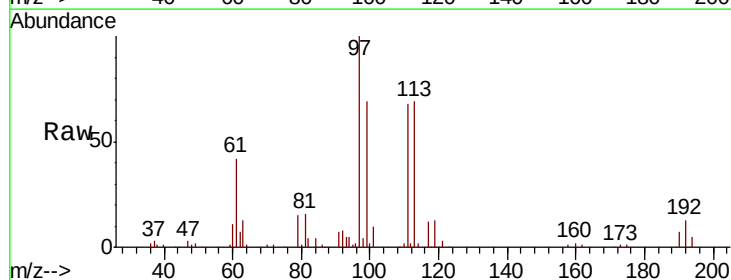
Tgt Ion: 97 Resp: 81917

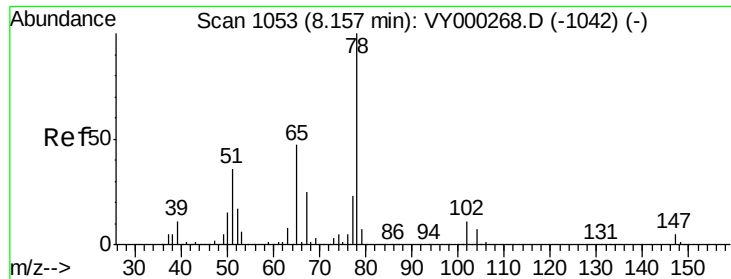
Ion Ratio Lower Upper

97 100

99 66.2 51.7 77.5

61 43.3 34.5 51.7

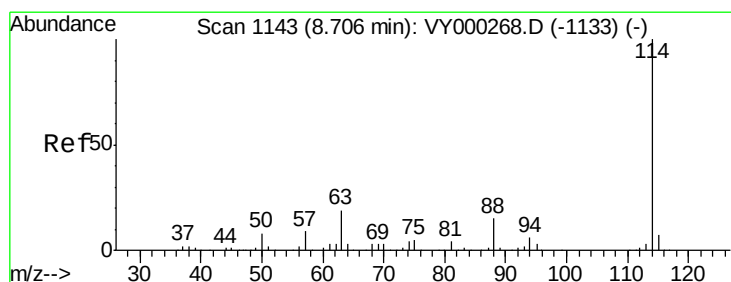
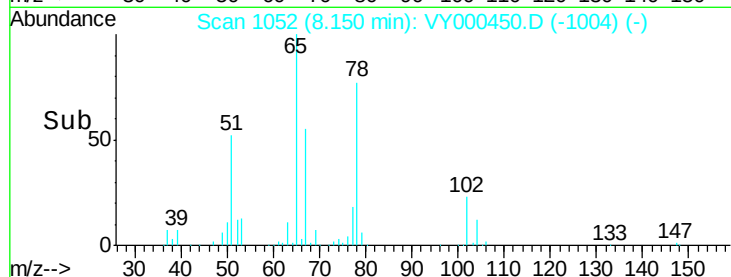
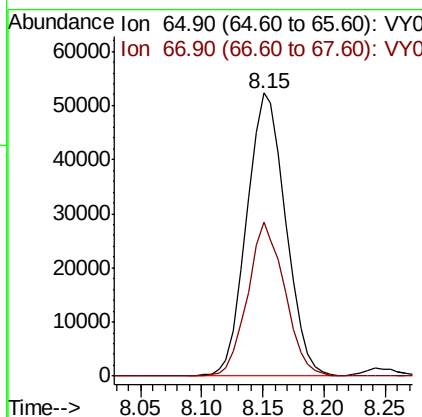
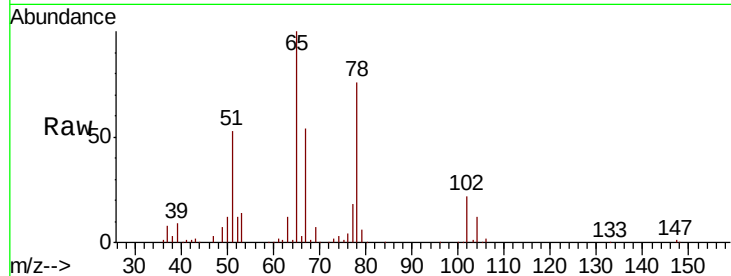




#33
 1,2-Dichloroethane-d4
 Concen: 54.463 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

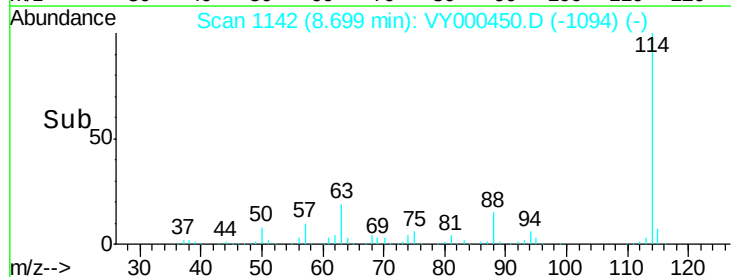
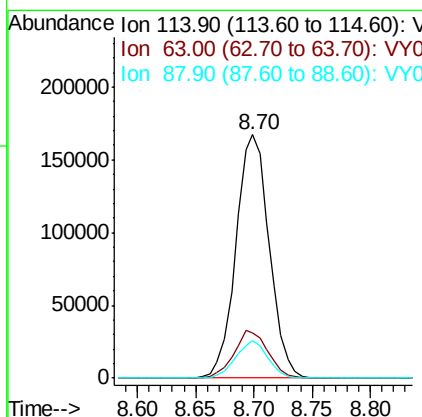
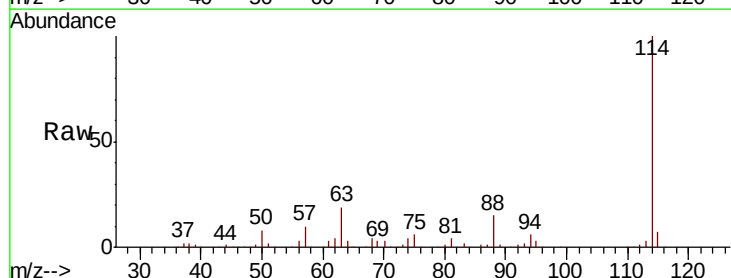
Instrument :
 MSVOA_Y
 ClientSampleId :

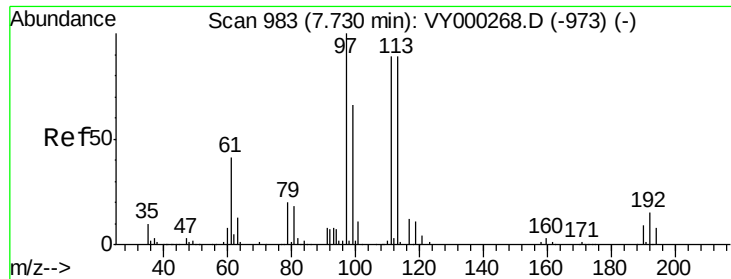
Tot Ion: 65 Resp: 115947
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion: 114 Resp: 332785
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.2
 88 15.3 0.0 30.2

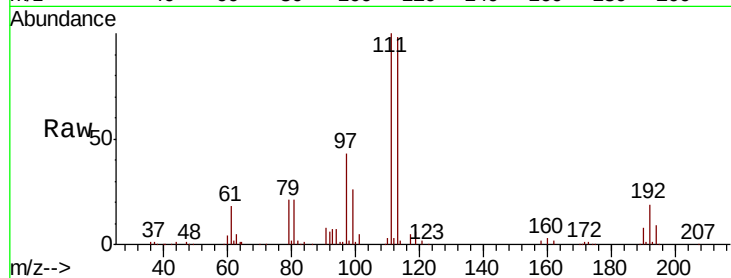




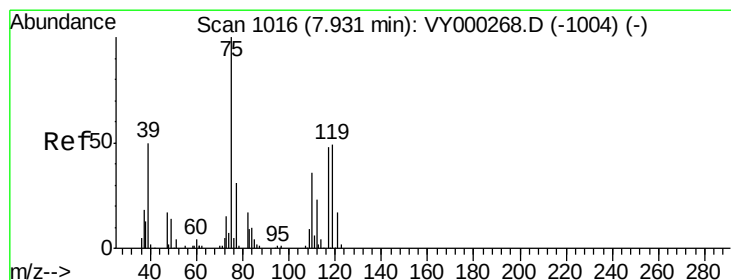
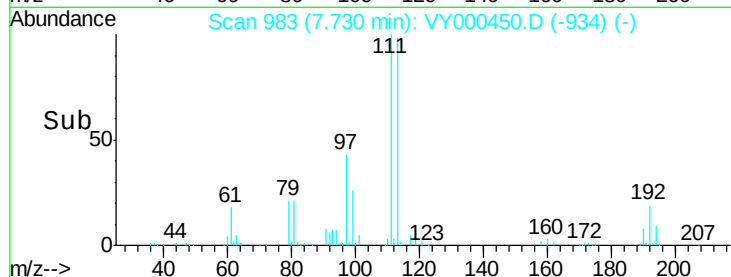
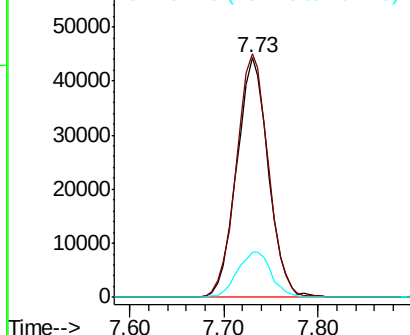
#35
 Dibromofluoromethane
 Concen: 51.865 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	20.1	15.3	22.9

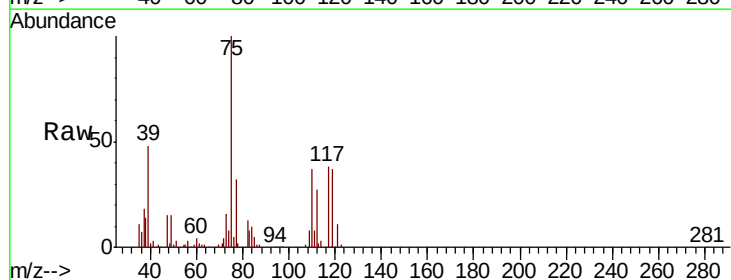


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

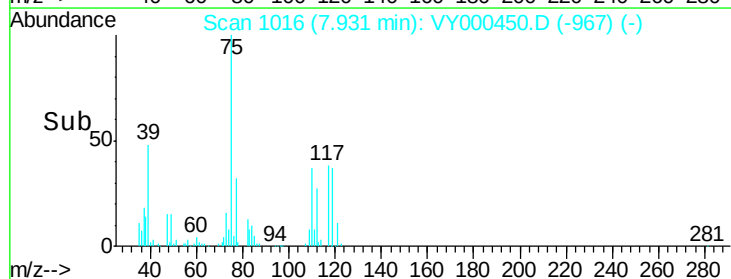
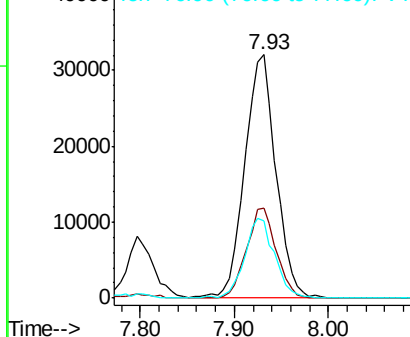


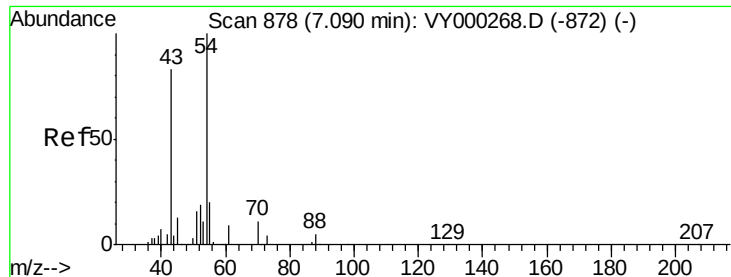
#36
 1,1-Dichloropropene
 Concen: 22.840 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.4	55.4
77	31.5	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

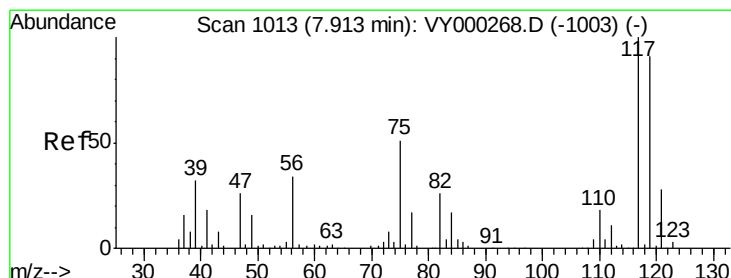
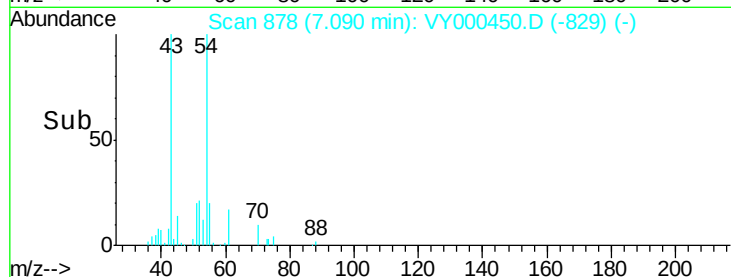
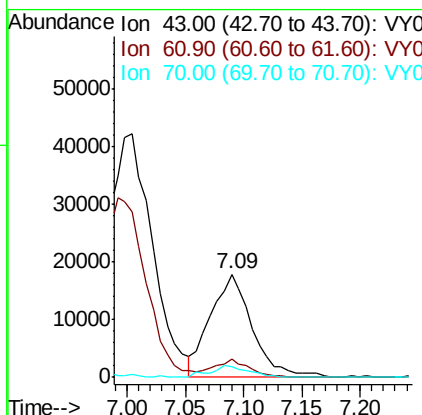
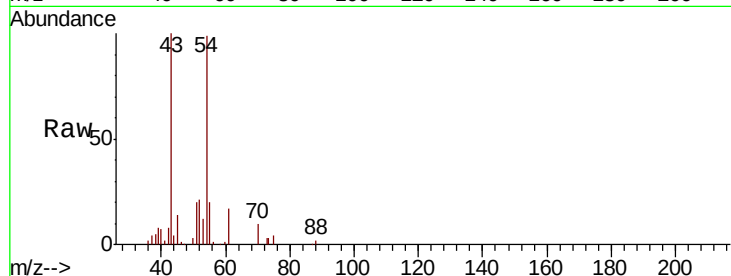




#37
Ethyl Acetate
Concen: 22.797 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

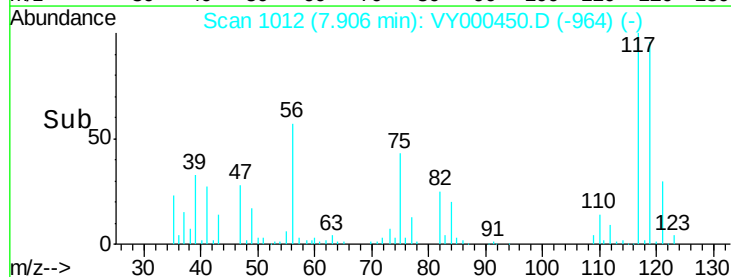
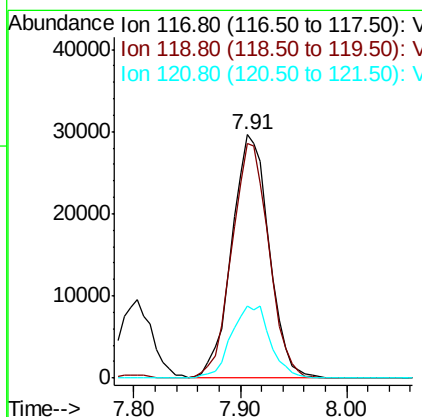
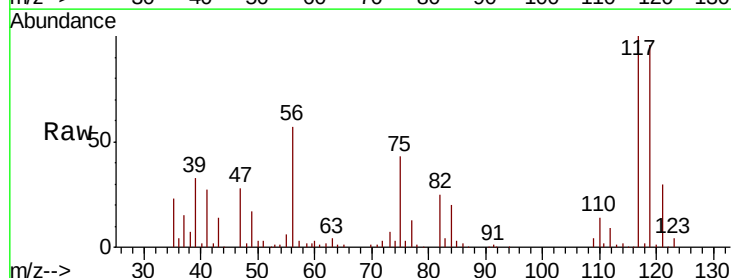
Instrument :
MSVOA_Y
ClientSampled :

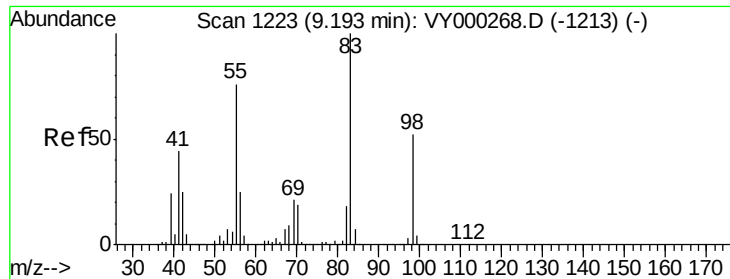
Tot Ion: 43 Resp: 43980
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 23.119 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 117 Resp: 72933
Ion Ratio Lower Upper
117 100
119 96.2 72.8 109.2
121 29.8 22.2 33.2

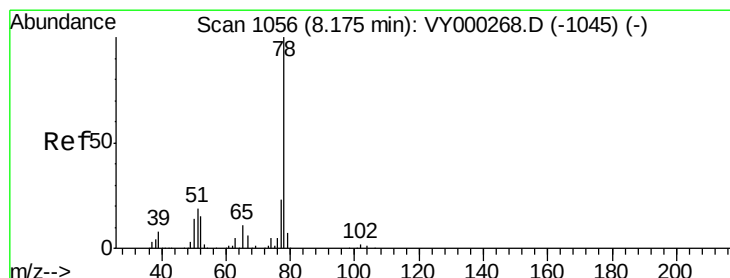
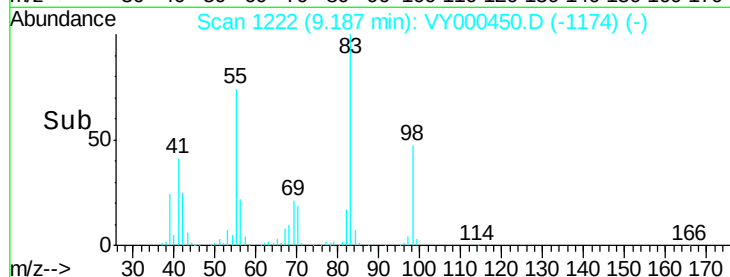
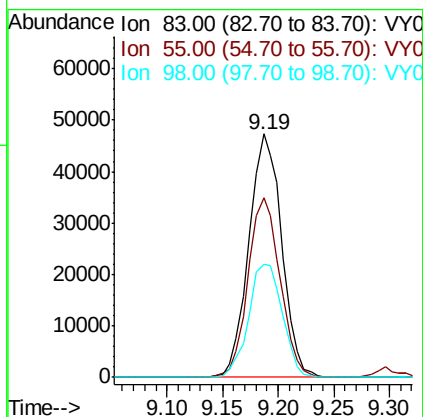
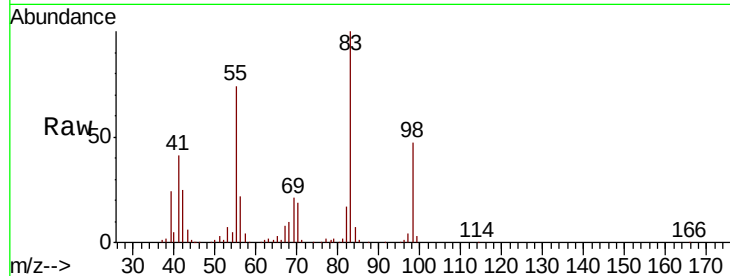




#39
Methylvlcyclohexane
Concen: 22.800 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

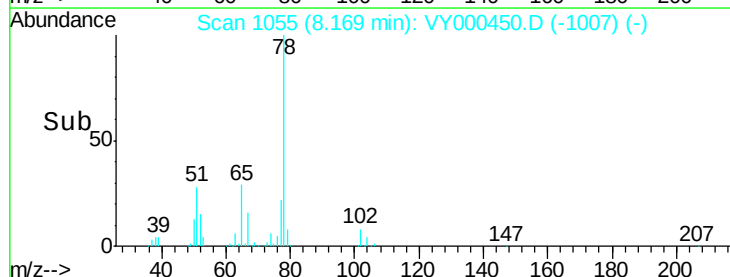
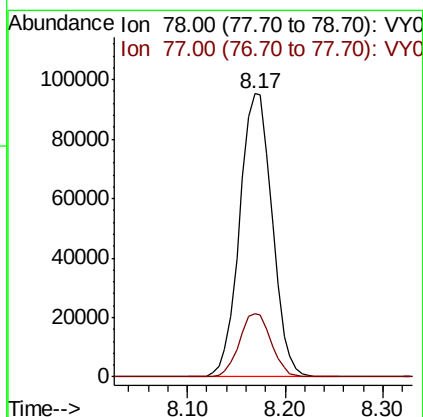
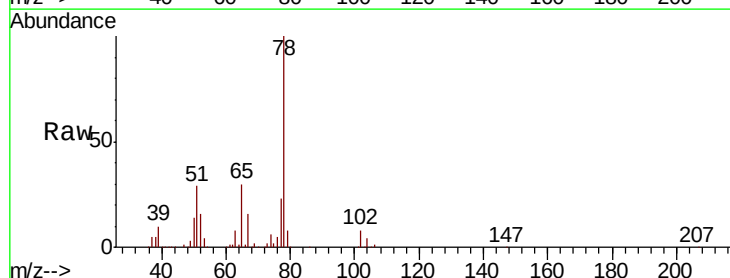
Instrument :
MSVOA_Y
ClientSampleId :

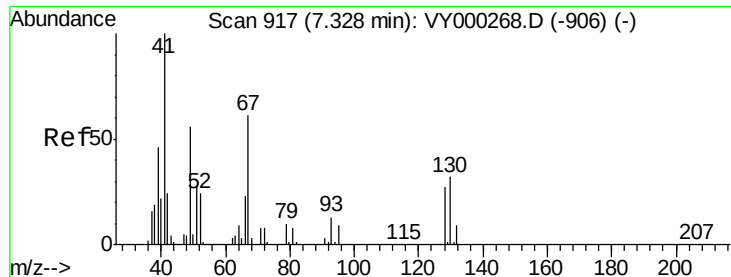
Tot Ion: 83 Resp: 97225
Ion Ratio Lower Upper
83 100
55 73.7 60.9 91.3
98 46.7 41.8 62.6



#40
Benzene
Concen: 23.417 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 78 Resp: 220491
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2

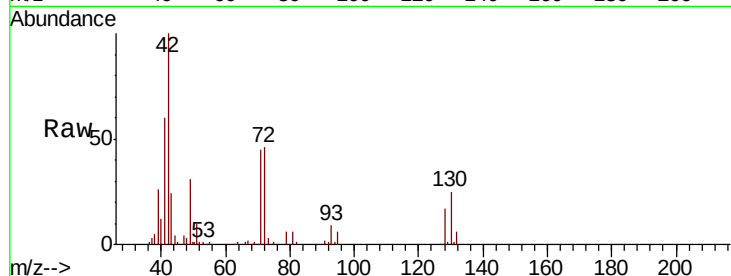




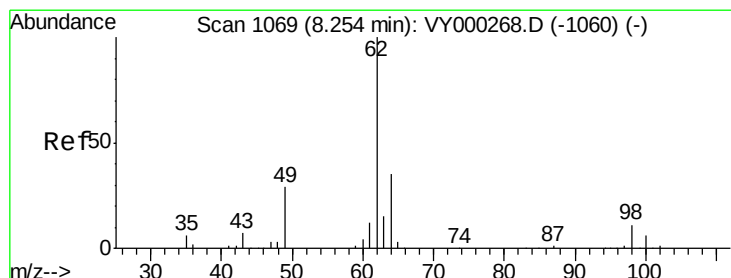
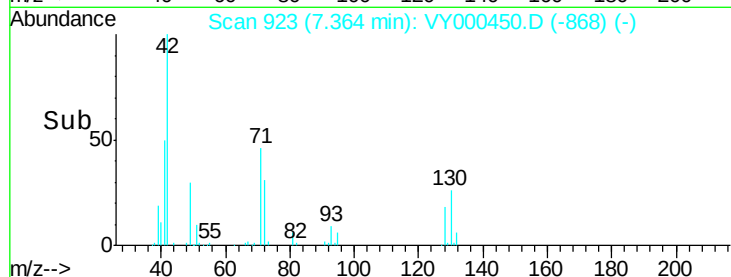
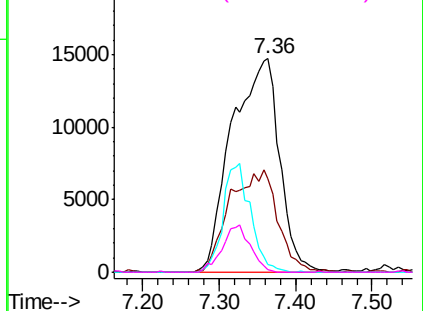
#41
Methacrylonitrile
Concen: 69.369 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.04 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 63703
Ion Ratio Lower Upper
41 100
39 48.1 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

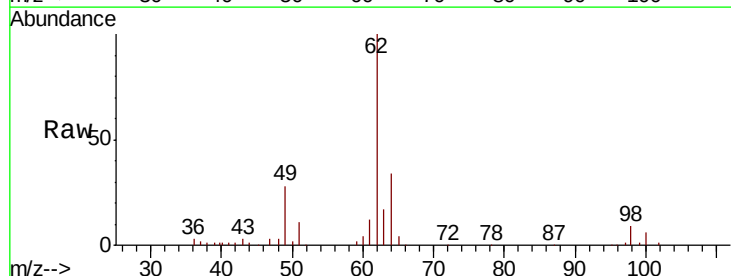


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

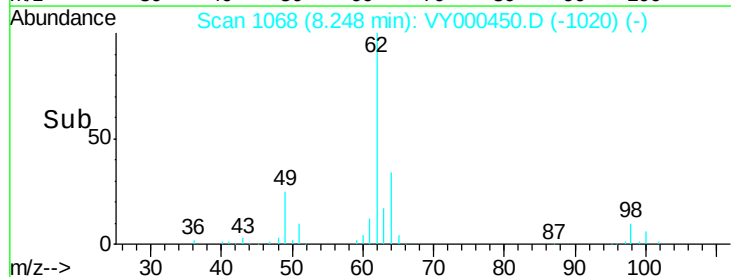
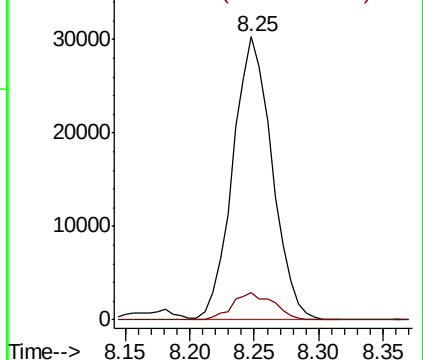


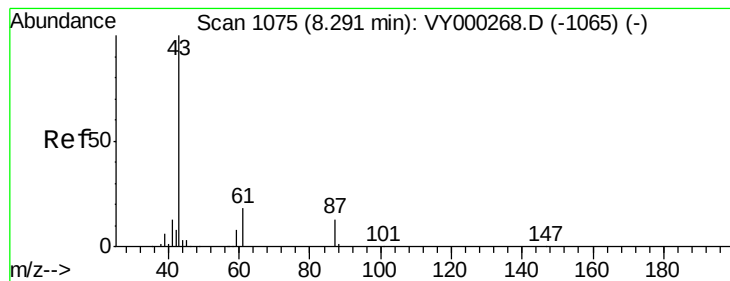
#42
1,2-Dichloroethane
Concen: 23.685 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 62 Resp: 63704
Ion Ratio Lower Upper
62 100
98 10.2 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: 22.911 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampled :

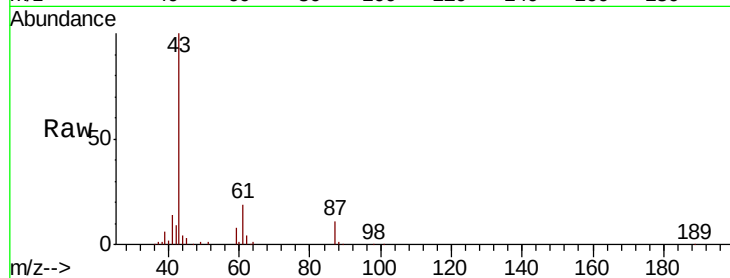
Tot Ion: 43 Resp: 84043

Ion Ratio Lower Upper

43 100

61 28.6 22.3 33.5

87 13.5 10.9 16.3

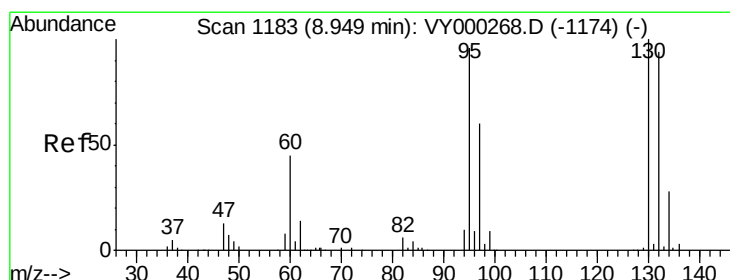
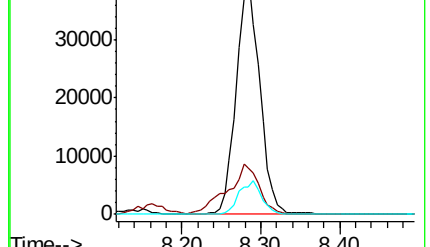
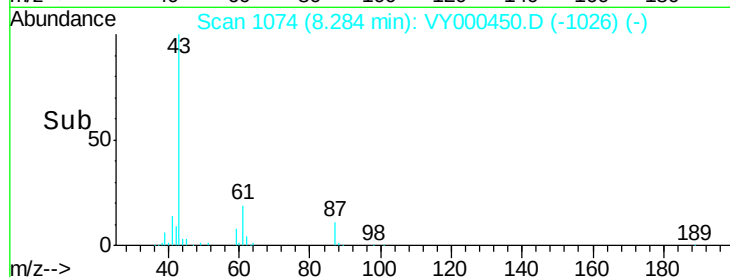


Abundance Ion 43.00 (42.70 to 43.70): VY000450.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000450.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000450.D (-1074) (-)

Time-->



#44

Trichloroethene

Concen: 22.333 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000450.D

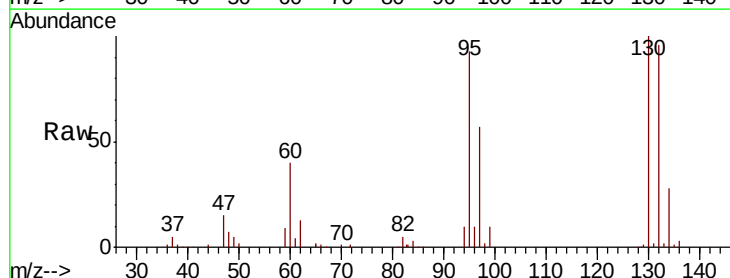
Acq: 28 Oct 2019 13:27

Tgt Ion:130 Resp: 59002

Ion Ratio Lower Upper

130 100

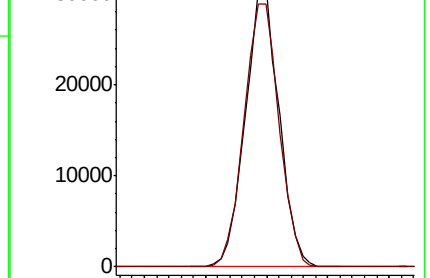
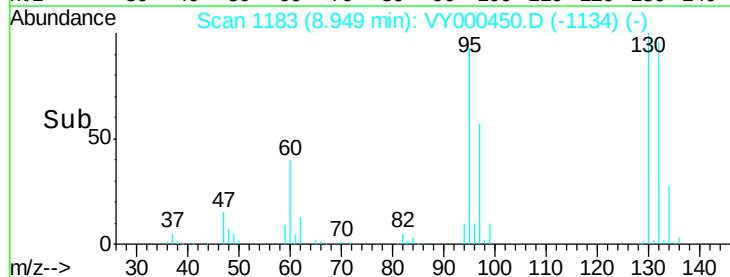
95 93.0 0.0 191.4

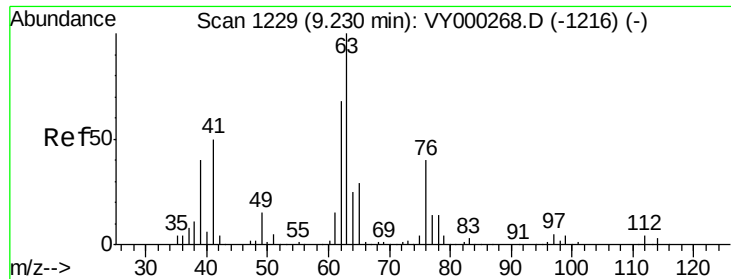


Abundance Ion 129.80 (129.50 to 130.50): VY000450.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY000450.D (-1183) (-)

Time-->

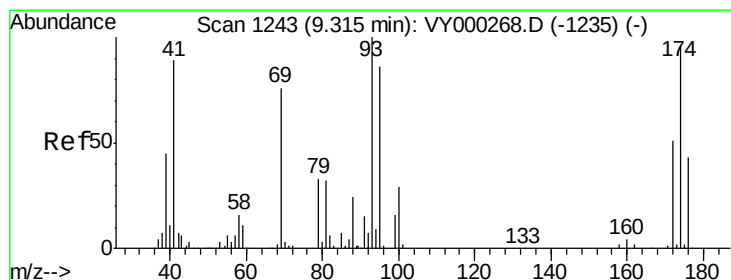
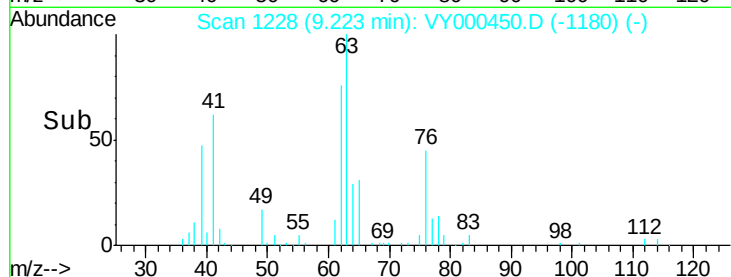
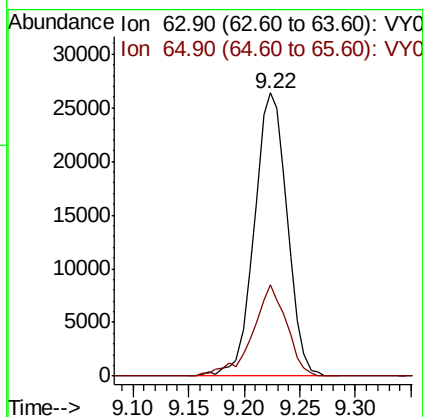
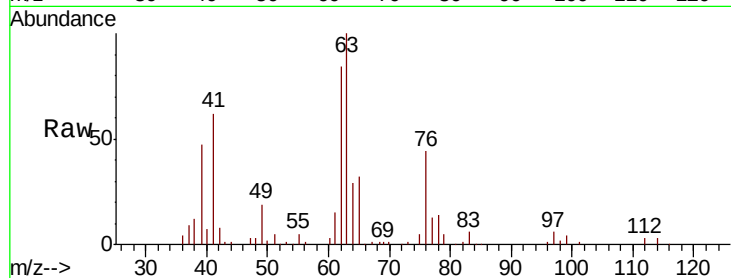




#45
 1,2-Dichloropropane
 Concen: 23.537 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

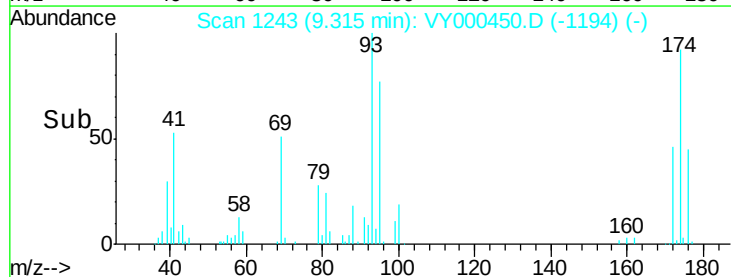
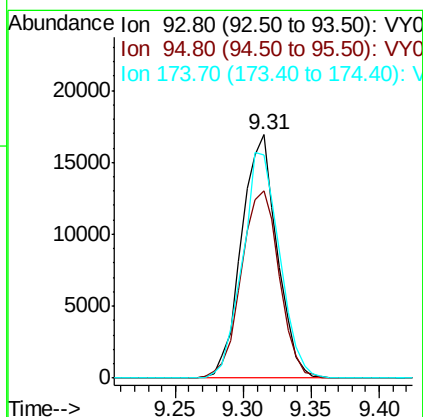
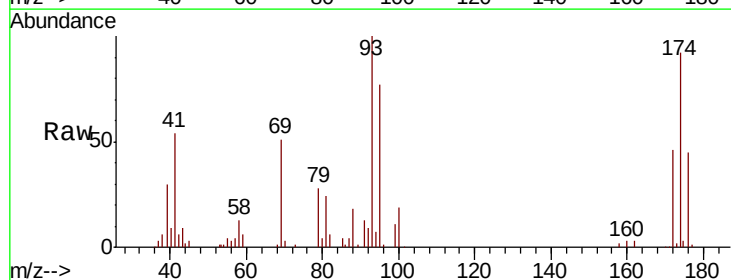
Instrument :
 MSVOA_Y
 ClientSampled :

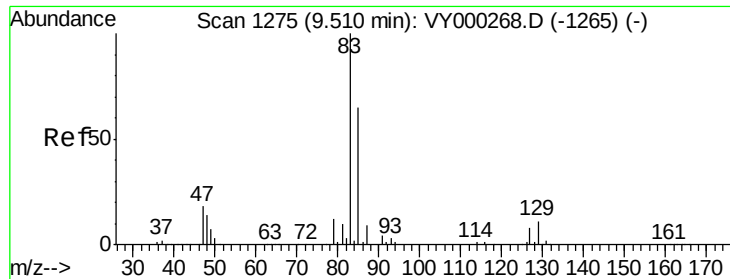
Tot Ion: 63 Resp: 54385
 Ion Ratio Lower Upper
 63 100
 65 32.3 23.2 34.8



#46
 Dibromomethane
 Concen: 23.988 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion: 93 Resp: 30985
 Ion Ratio Lower Upper
 93 100
 95 82.1 68.2 102.2
 174 96.5 79.8 119.6

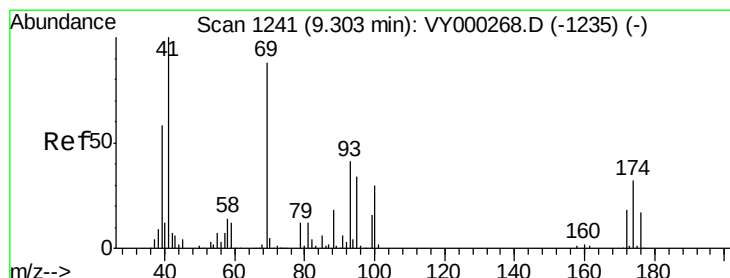
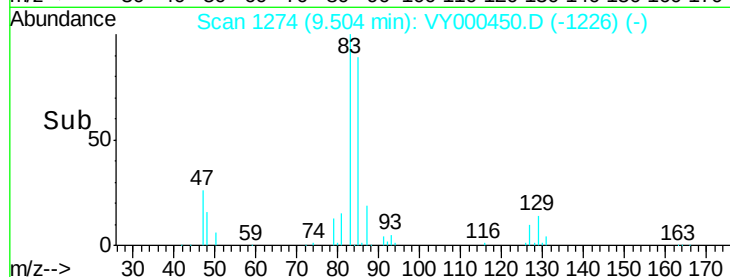
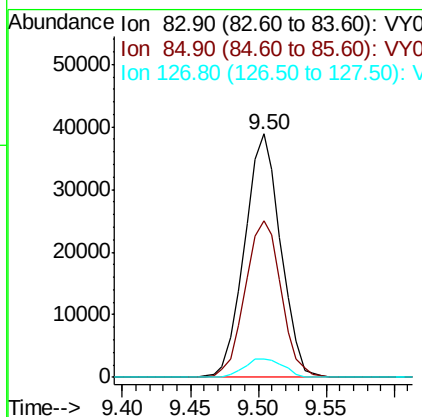
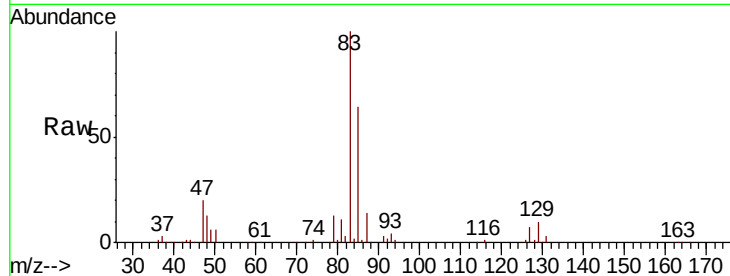




#47
 Bromodichloromethane
 Concen: 23.686 ug/l
 RT: 9.50 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

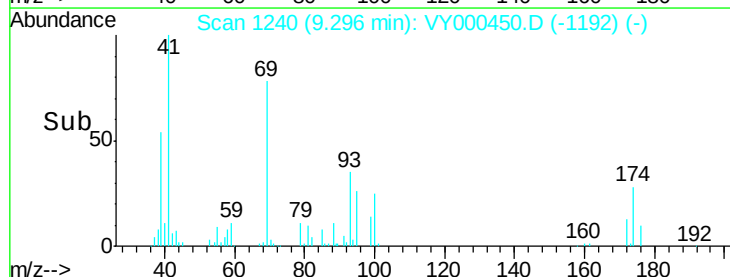
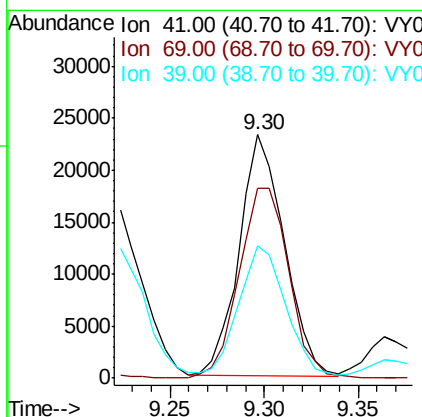
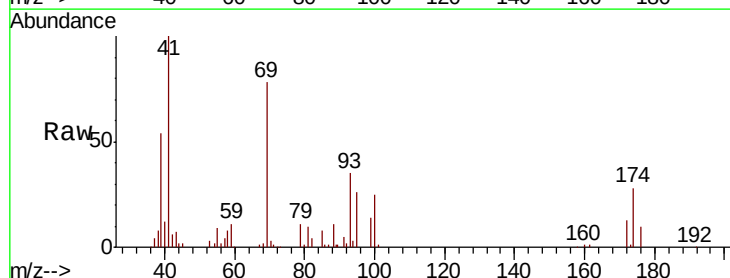
Instrument :
 MSVOA_Y
 ClientSampled :

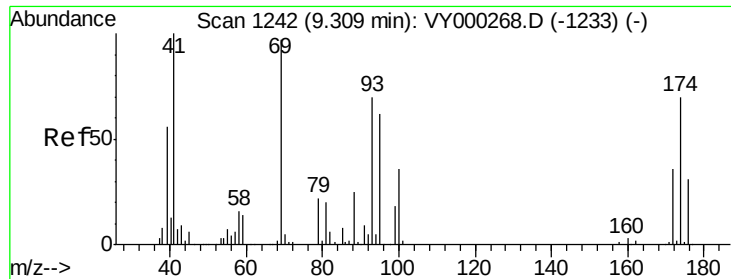
Tot Ion: 83 Resp: 72103
 Ion Ratio Lower Upper
 83 100
 85 64.2 52.2 78.2
 127 7.5 6.3 9.5



#48
 Methyl methacrylate
 Concen: 23.964 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion: 41 Resp: 38526
 Ion Ratio Lower Upper
 41 100
 69 86.8 70.0 105.0
 39 58.2 47.7 71.5

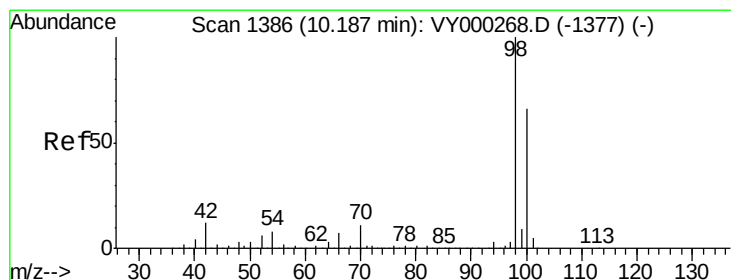
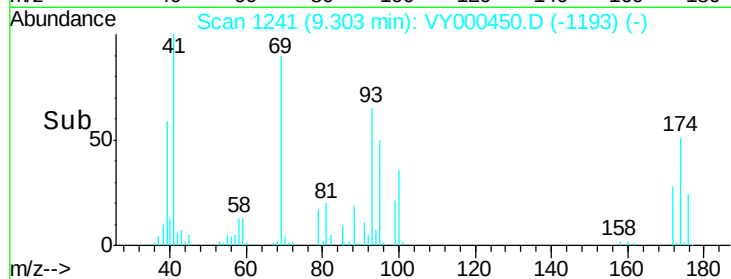
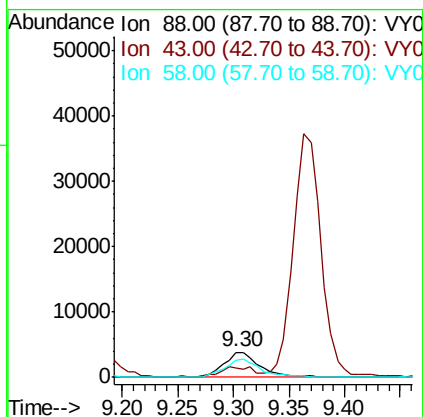
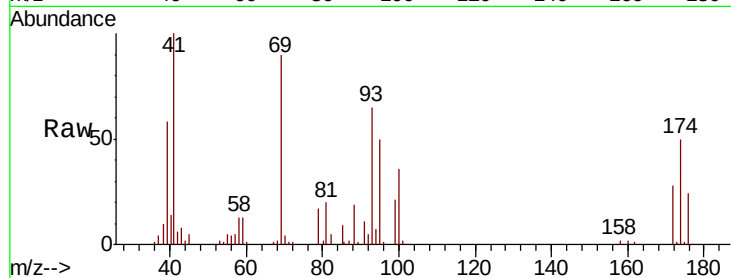




#49
1,4-Dioxane
Concen: 446.161 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

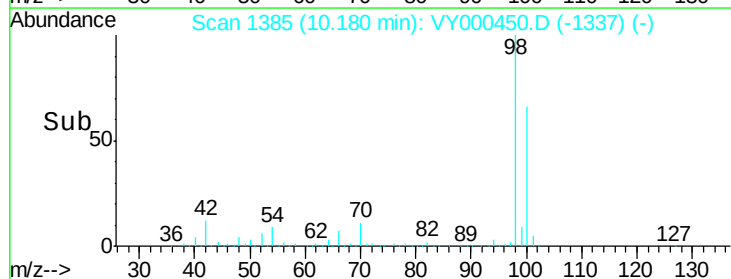
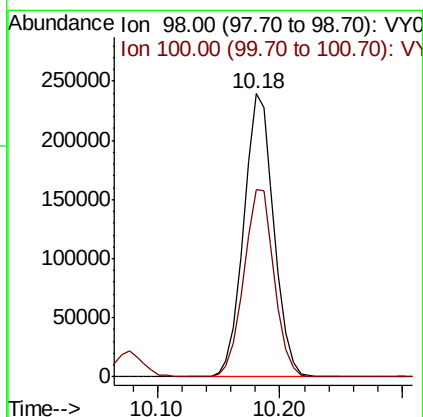
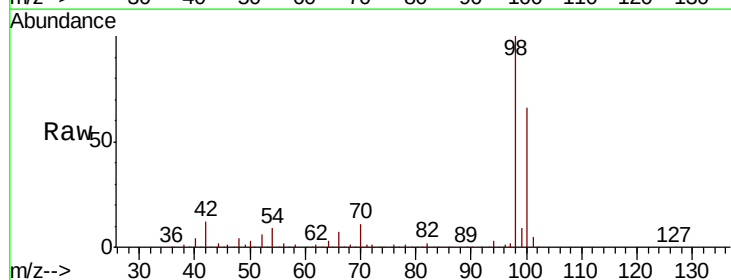
Instrument :
MSVOA_Y
ClientSampled :

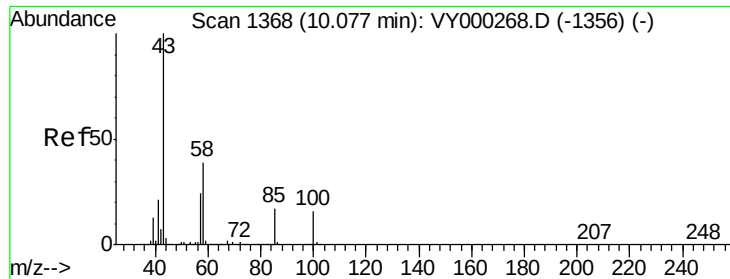
Tot Ion: 88 Resp: 8641
Ion Ratio Lower Upper
88 100
43 38.5 25.6 38.4#
58 74.0 54.6 81.8



#50
Toluene-d8
Concen: 52.732 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 98 Resp: 407191
Ion Ratio Lower Upper
98 100
100 67.2 52.8 79.2

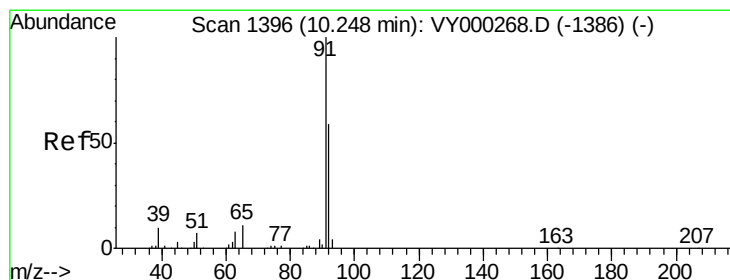
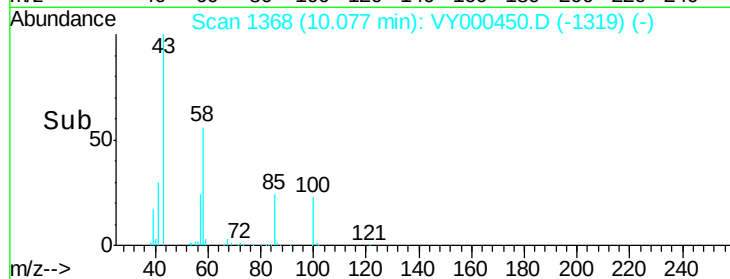
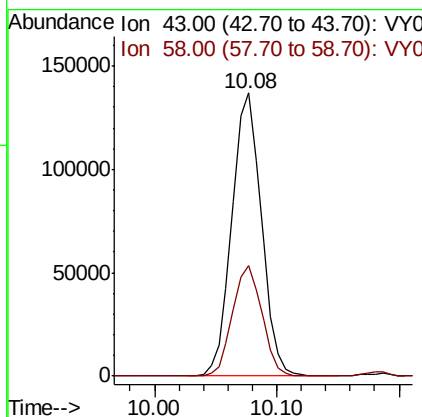
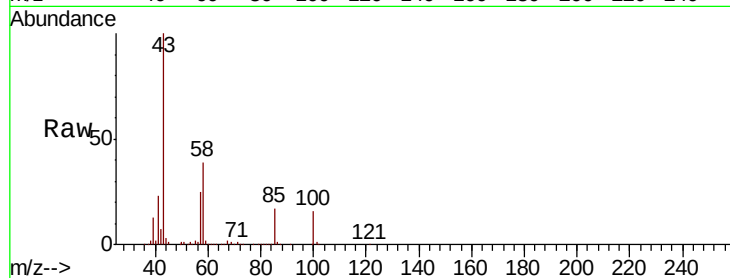




#51
4-Methyl-2-Pentanone
Concen: 120.825 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

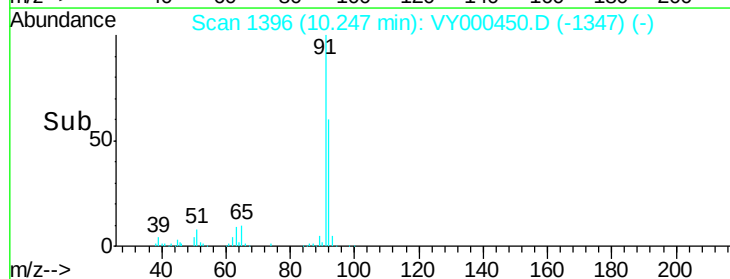
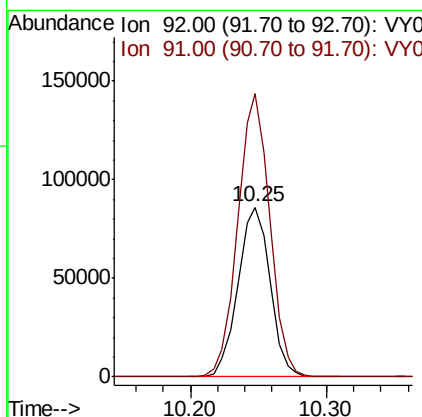
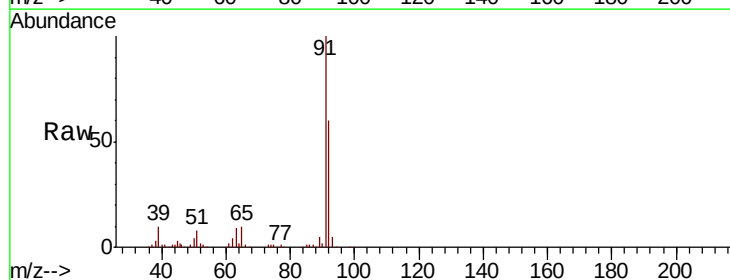
Instrument :
MSVOA_Y
ClientSampled :

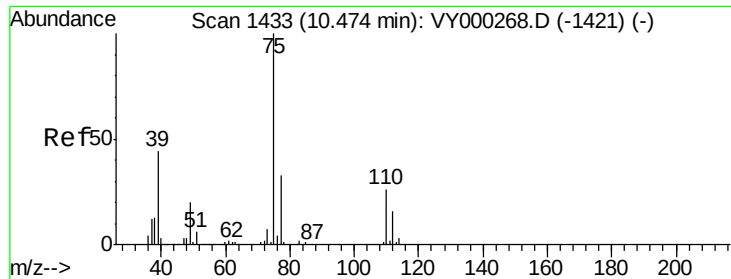
Tot Ion: 43 Resp: 228601
Ion Ratio Lower Upper
43 100
58 38.9 31.0 46.6



#52
Toluene
Concen: 23.705 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 92 Resp: 141706
Ion Ratio Lower Upper
92 100
91 166.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 23.566 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

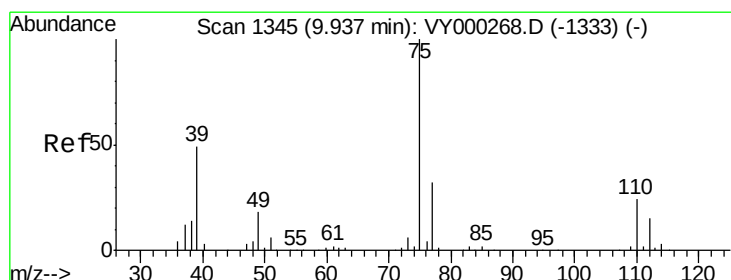
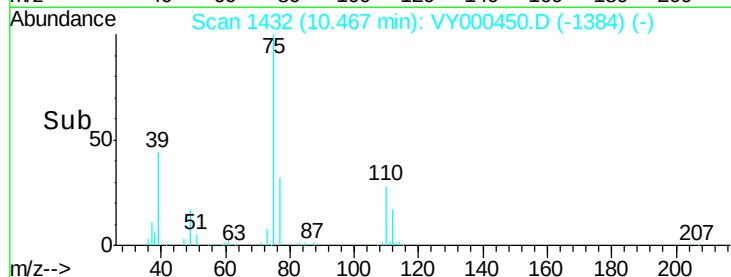
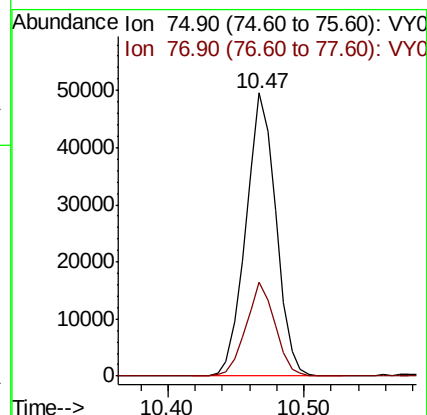
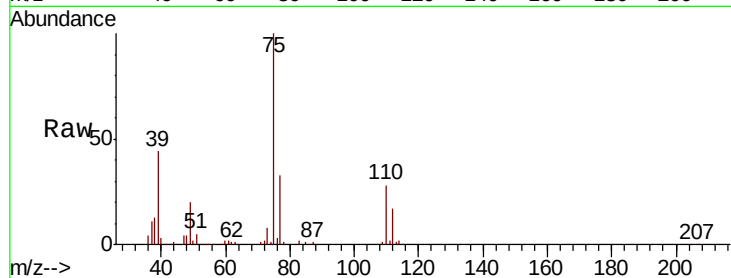
ClientSampled :

Tot Ion: 75 Resp: 76882

Ion Ratio Lower Upper

75 100

77 33.0 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 23.963 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

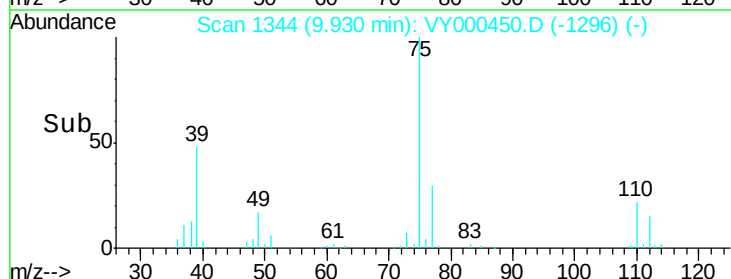
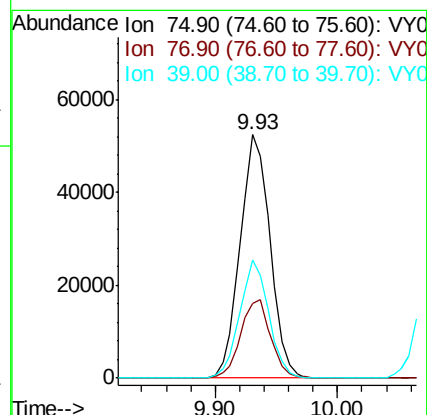
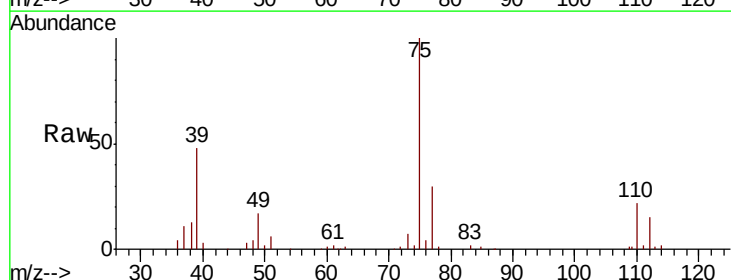
Tgt Ion: 75 Resp: 88781

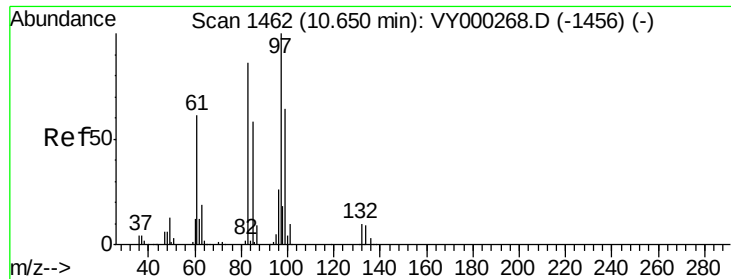
Ion Ratio Lower Upper

75 100

77 30.4 26.0 39.0

39 48.3 38.8 58.2

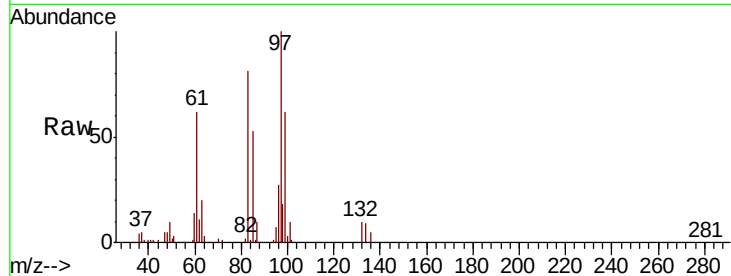




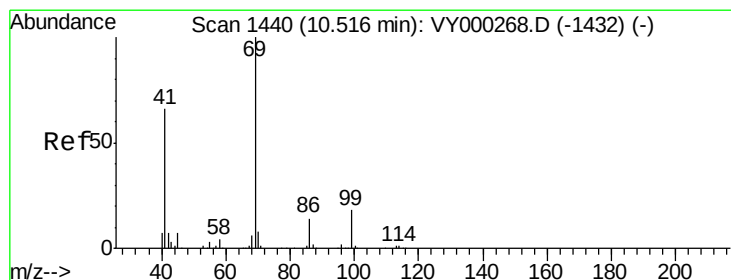
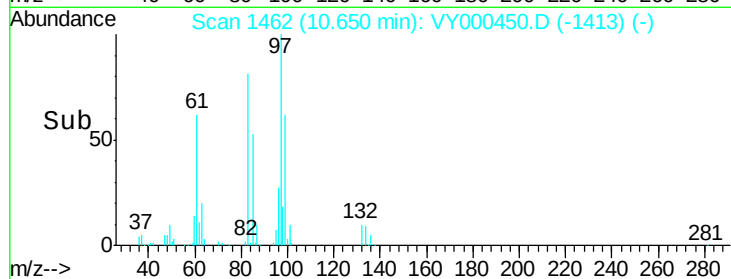
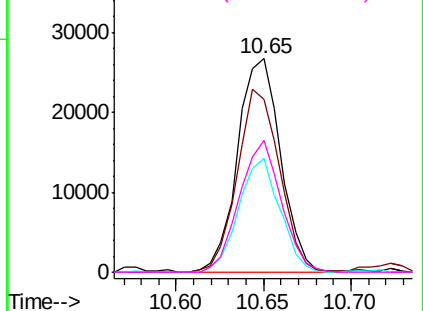
#55
 1,1,2-Trichloroethane
 Concen: 24.378 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 45784
 Ion Ratio Lower Upper
 97 100
 83 81.0 69.0 103.6
 85 53.3 46.2 69.4
 99 61.8 51.1 76.7

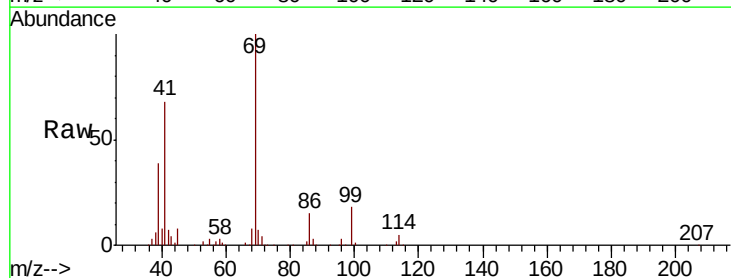


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

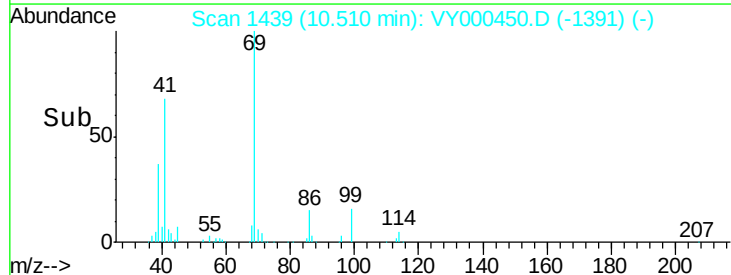
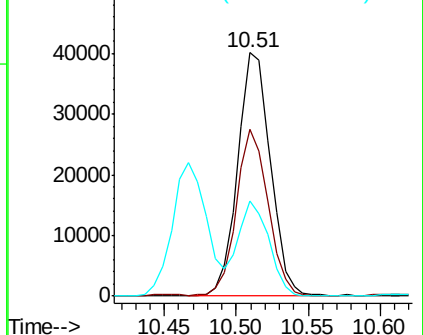


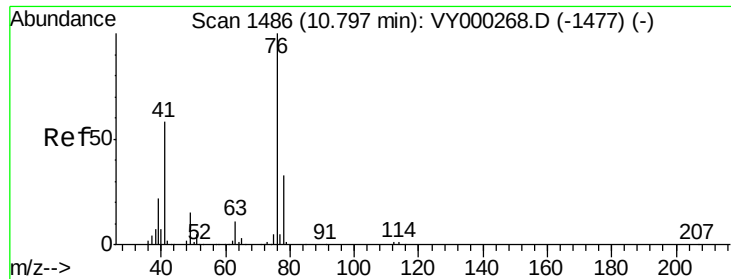
#56
 Ethyl methacrylate
 Concen: 23.746 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion: 69 Resp: 63568
 Ion Ratio Lower Upper
 69 100
 41 66.0 52.5 78.7
 39 36.9 26.7 40.1



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





#57

1,3-Dichloropropane

Concen: 23.756 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

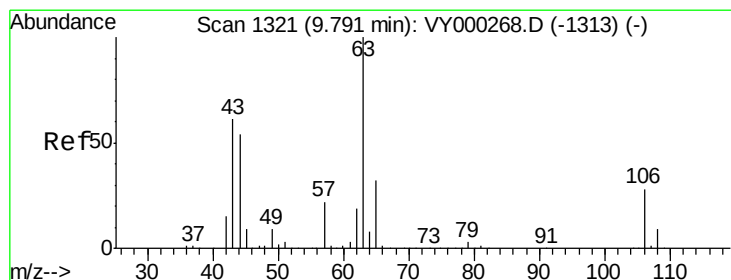
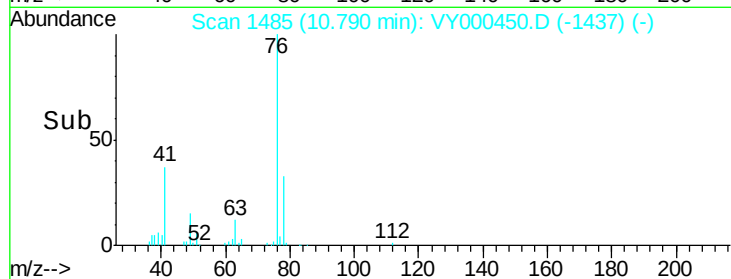
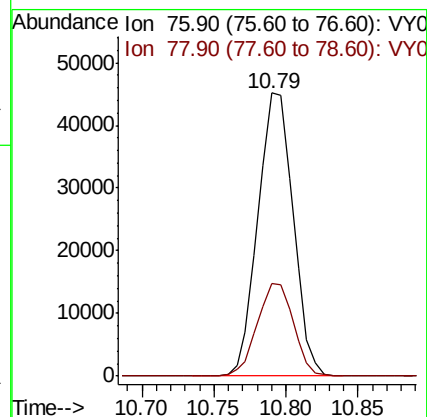
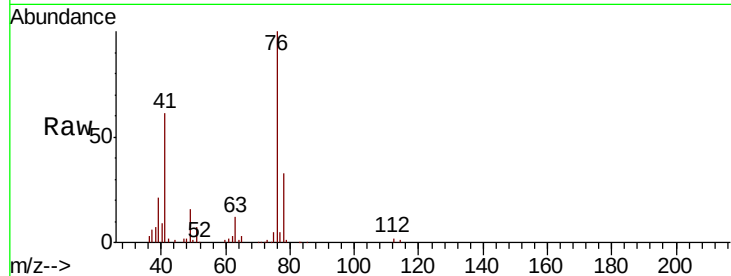
ClientSampled :

Tot Ion: 76 Resp: 76622

Ion Ratio Lower Upper

76 100

78 33.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 139.768 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000450.D

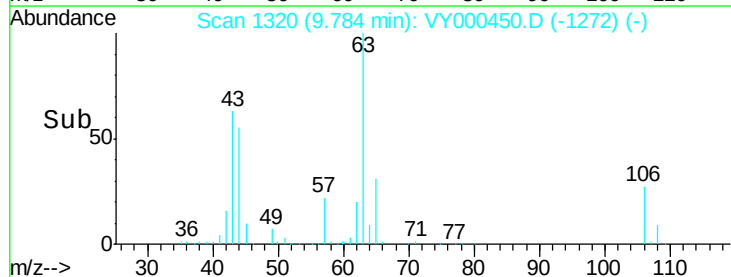
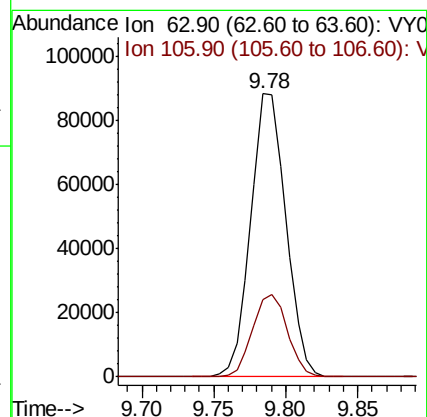
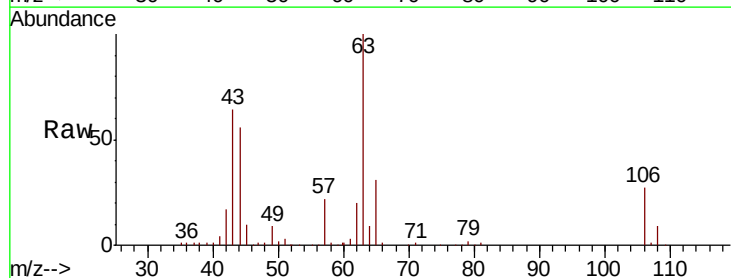
Acq: 28 Oct 2019 13:27

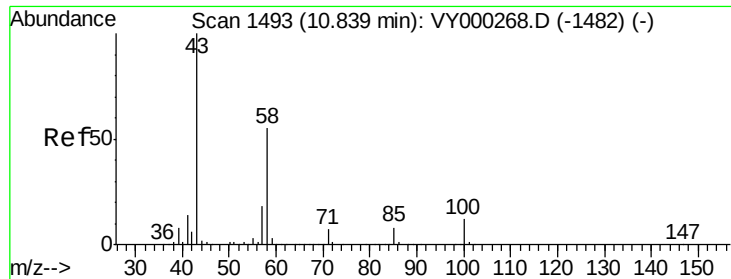
Tgt Ion: 63 Resp: 149238

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.4

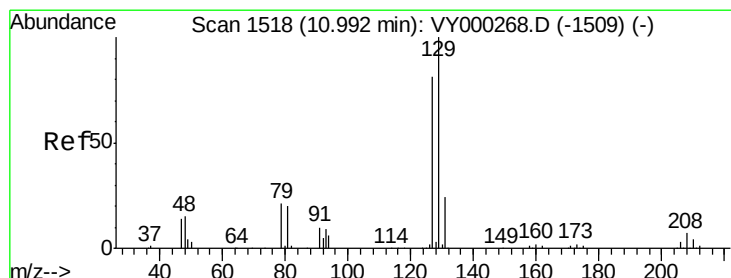
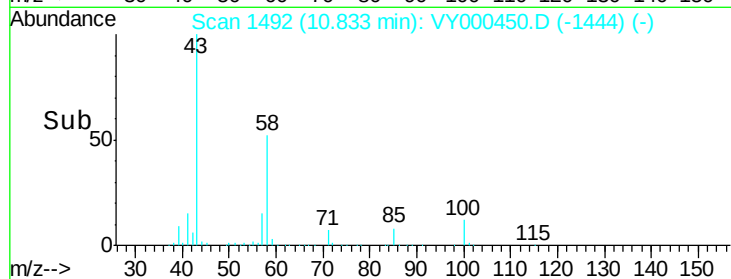
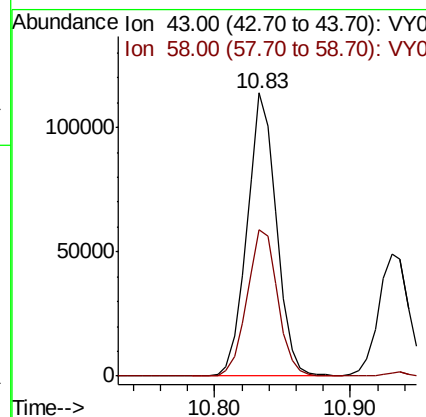
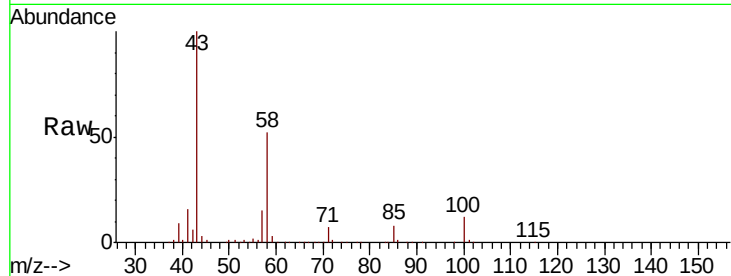




#59
2-Hexanone
Concen: 129.486 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

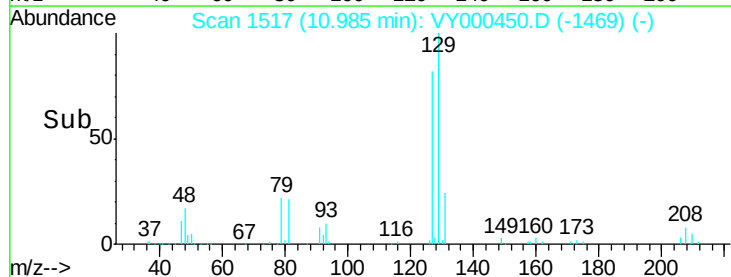
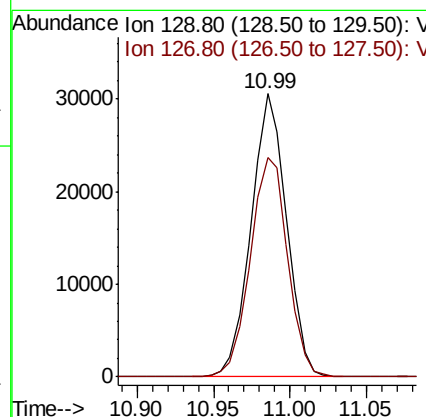
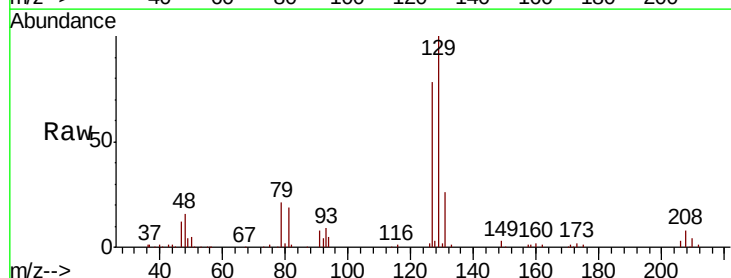
Instrument :
MSVOA_Y
ClientSampleId :

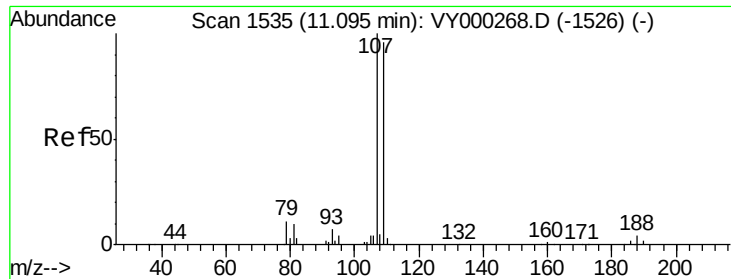
Tot Ion: 43 Resp: 171960
Ion Ratio Lower Upper
43 100
58 54.0 27.7 83.1



#60
Dibromochloromethane
Concen: 23.669 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 129 Resp: 49271
Ion Ratio Lower Upper
129 100
127 81.6 39.9 119.7

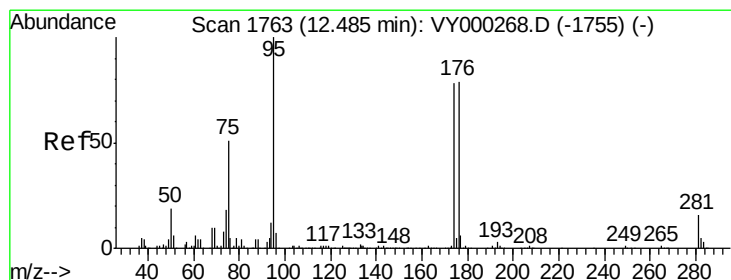
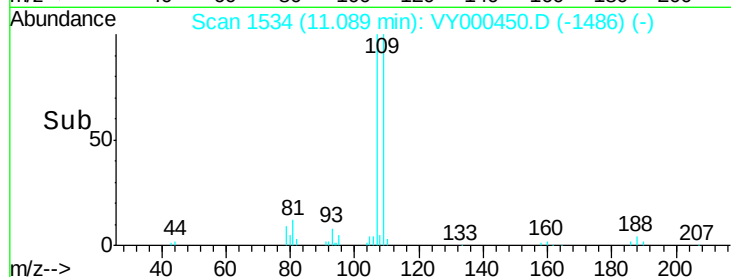
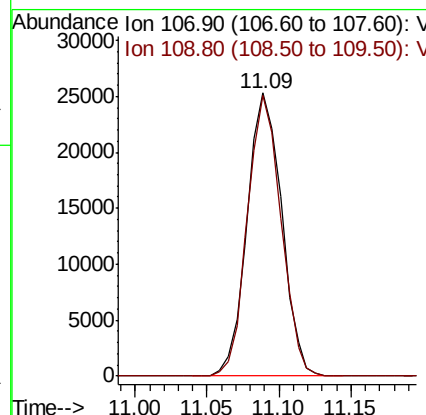
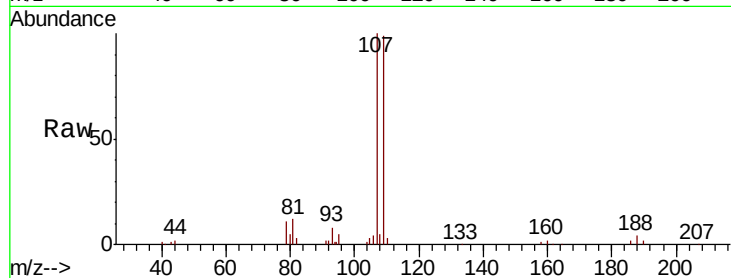




#61
 1,2-Dibromoethane
 Concen: 23.301 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

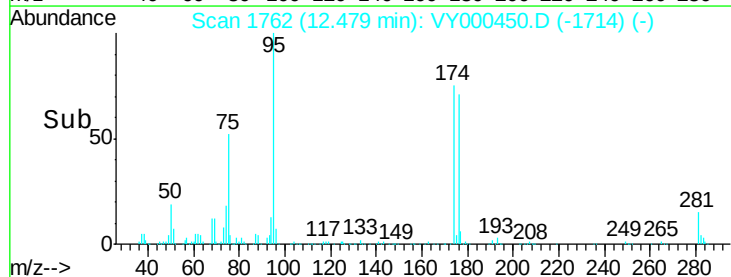
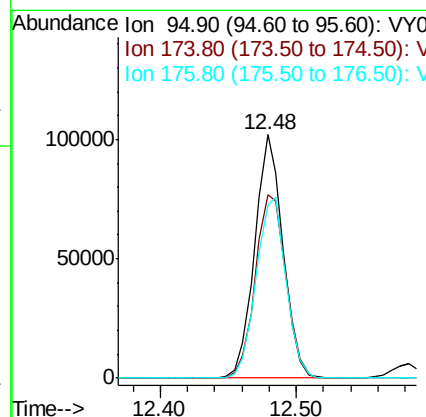
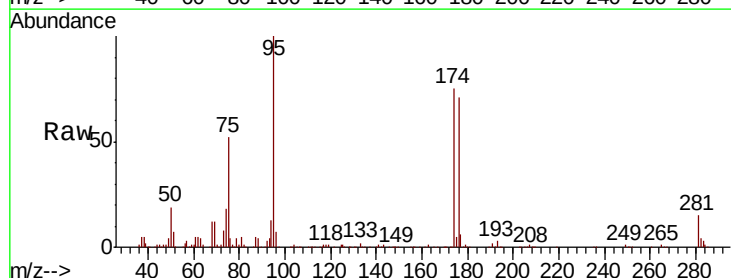
Instrument :
 MSVOA_Y
 ClientSampleId :

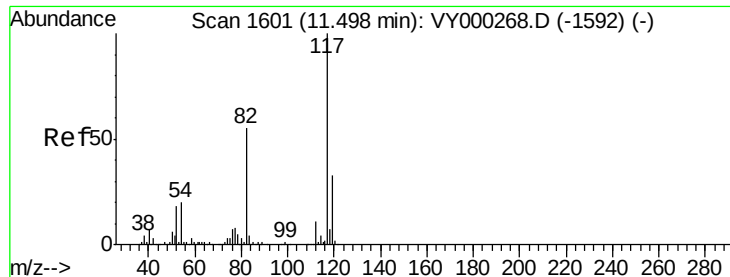
Tot Ion:107 Resp: 42019
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.594 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion: 95 Resp: 148425
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 159.6
 176 79.0 0.0 153.8

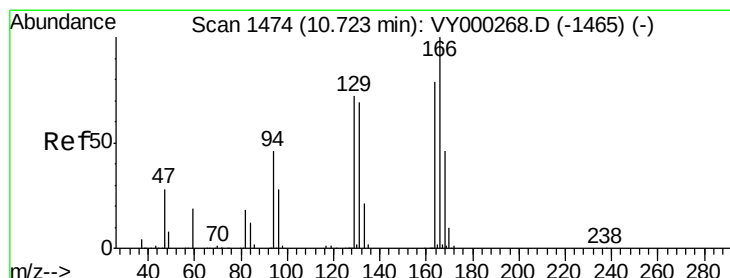
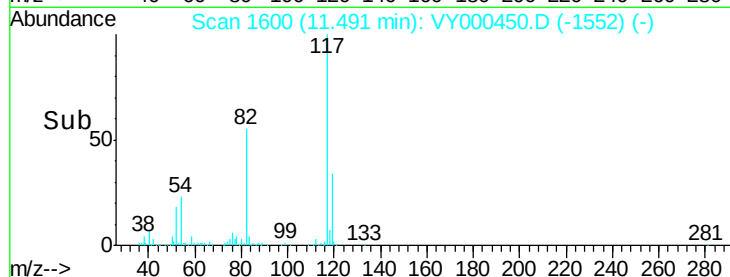
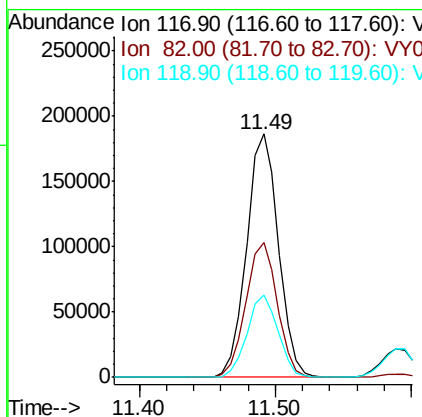
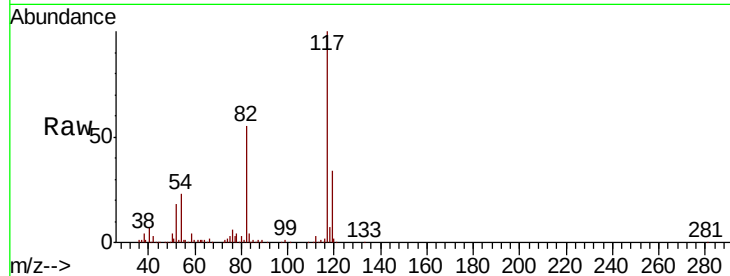




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

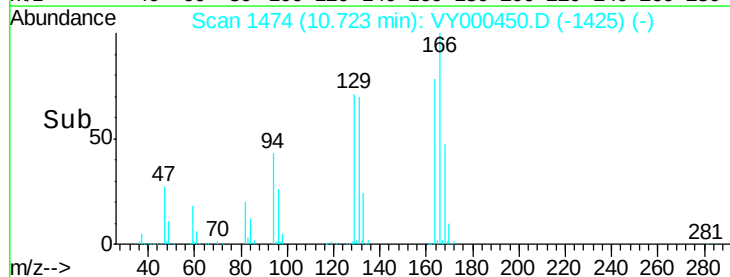
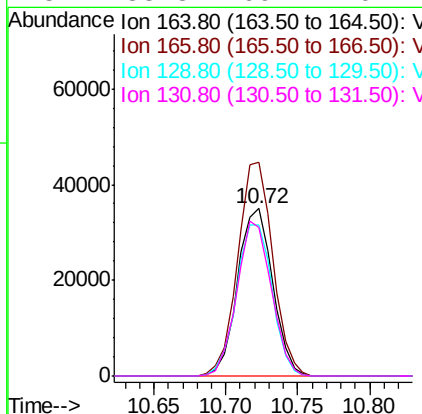
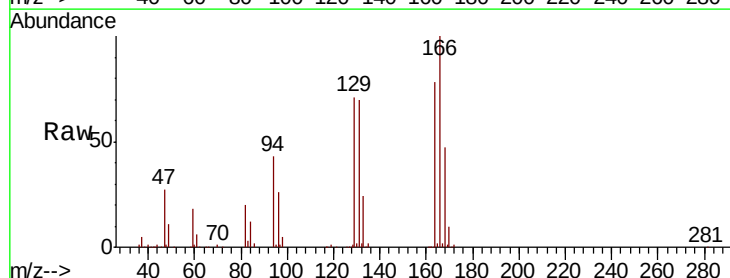
Instrument :
MSVOA_Y
ClientSampleId :

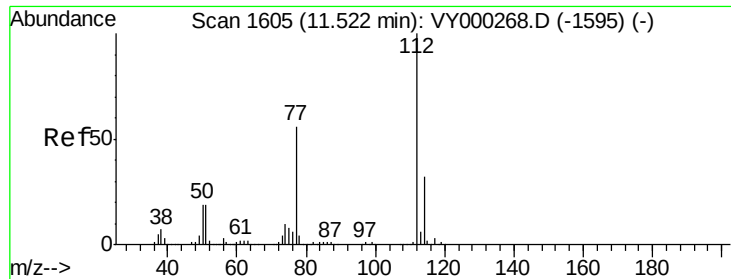
Tot Ion:117 Resp: 305110
Ion Ratio Lower Upper
117 100
82 55.4 43.7 65.5
119 33.8 26.6 39.8



#64
Tetrachloroethene
Concen: 20.382 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion:164 Resp: 59202
Ion Ratio Lower Upper
164 100
166 127.7 100.6 151.0
129 90.4 72.8 109.2
131 88.8 69.4 104.2

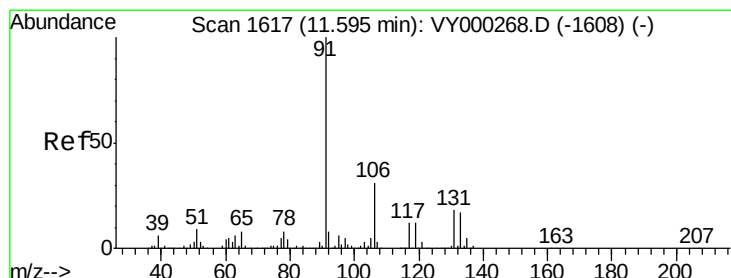
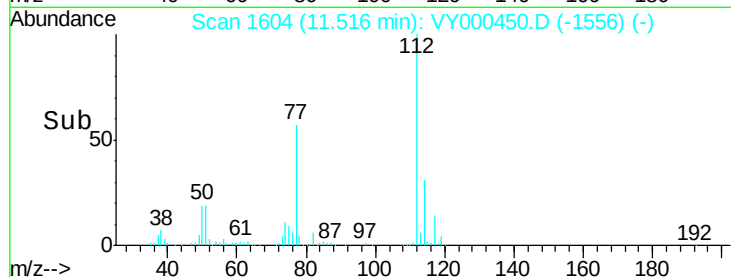
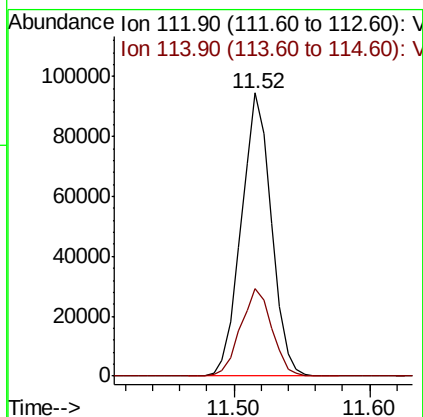
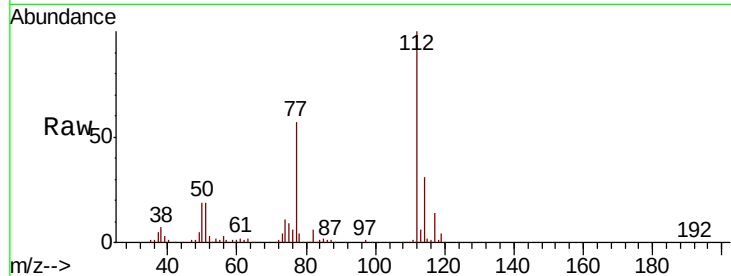




#65
Chlorobenzene
Concen: 22.704 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

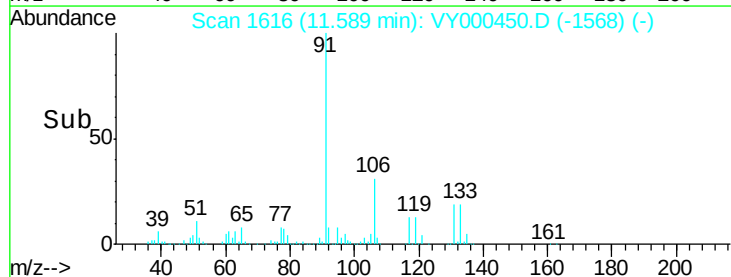
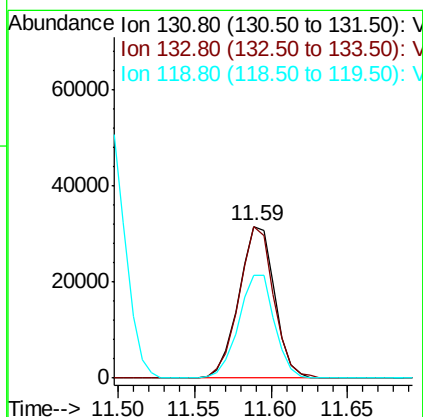
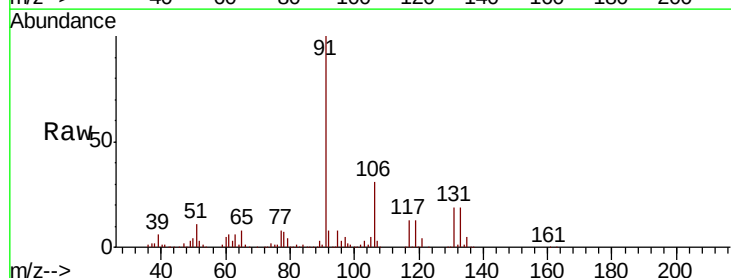
Instrument :
MSVOA_Y
ClientSampleId :

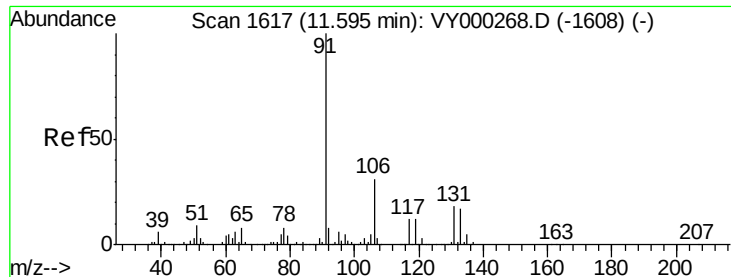
Tot Ion:112 Resp: 146197
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.531 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion:131 Resp: 50965
Ion Ratio Lower Upper
131 100
133 97.4 47.2 141.6
119 68.7 32.6 98.0

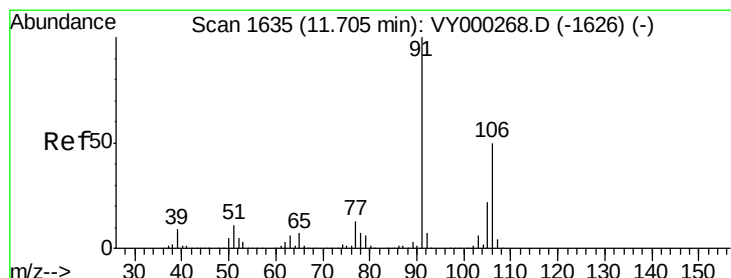
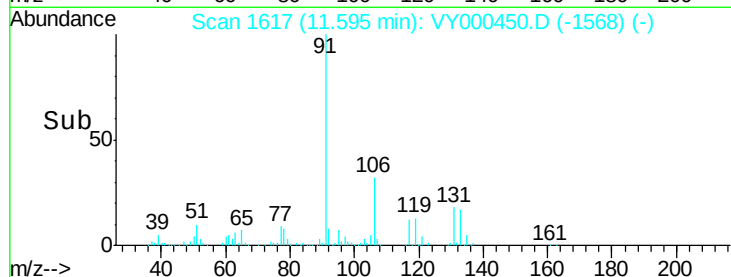
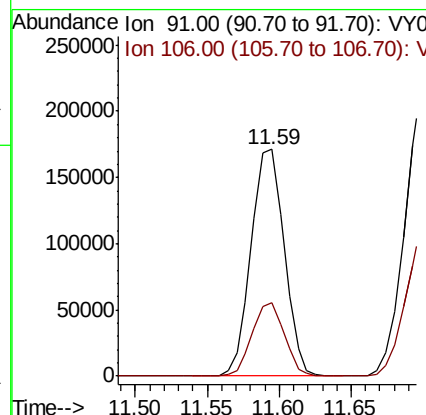
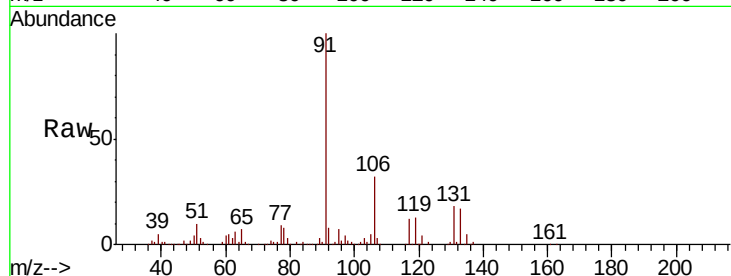




#67
Ethyl Benzene
Concen: 22.866 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

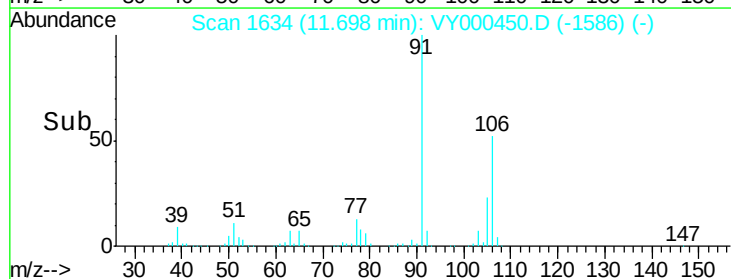
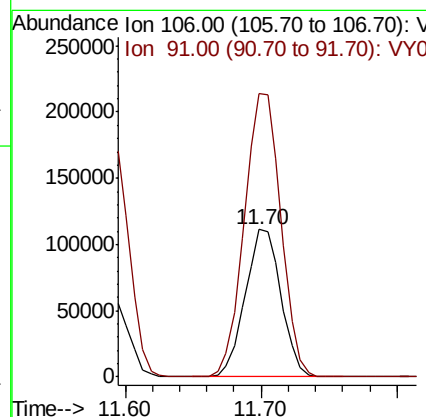
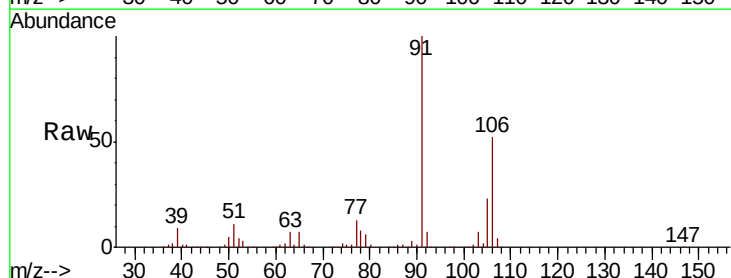
Instrument :
MSVOA_Y
ClientSampled :

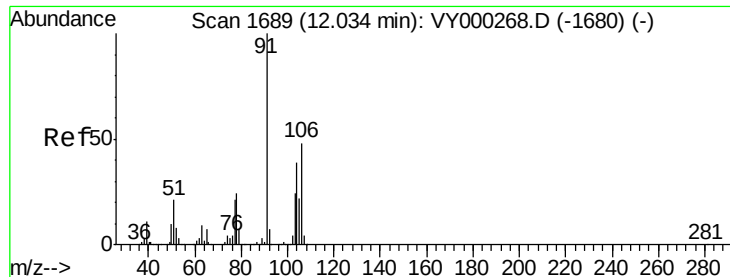
Tot Ion: 91 Resp: 272950
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.6



#68
m/p-Xylenes
Concen: 44.830 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 106 Resp: 204572
Ion Ratio Lower Upper
106 100
91 196.7 157.5 236.3

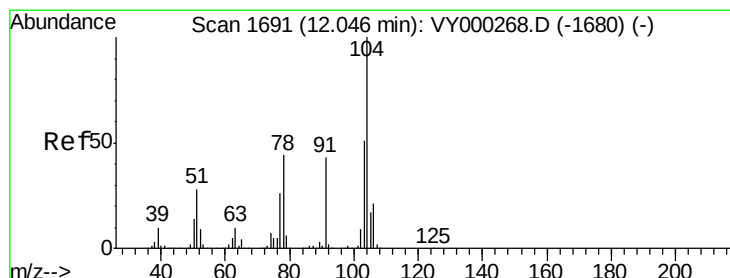
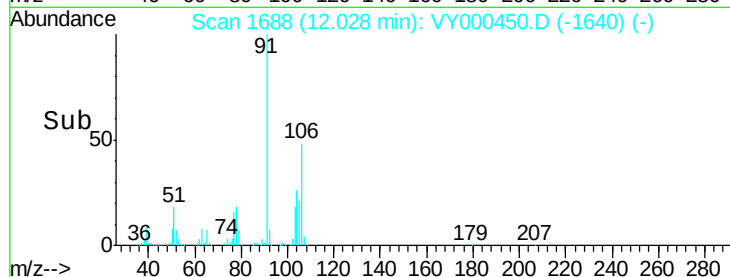
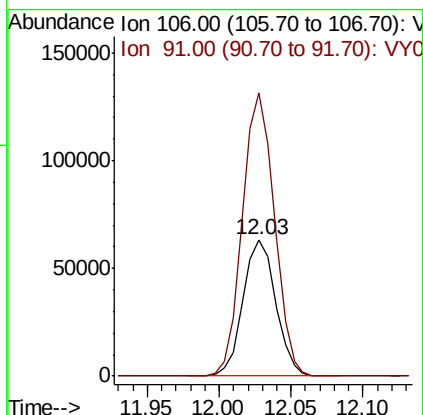
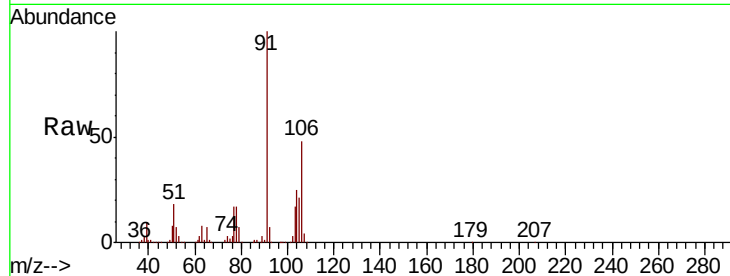




#69
o-Xylene
Concen: 22.885 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

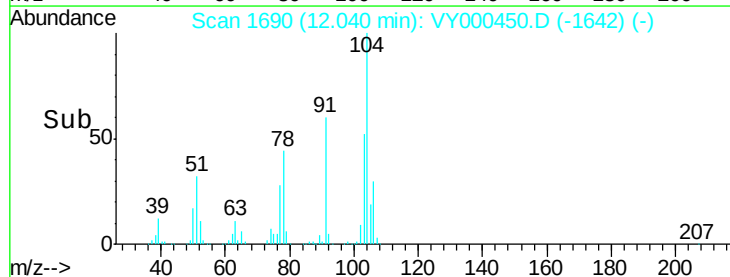
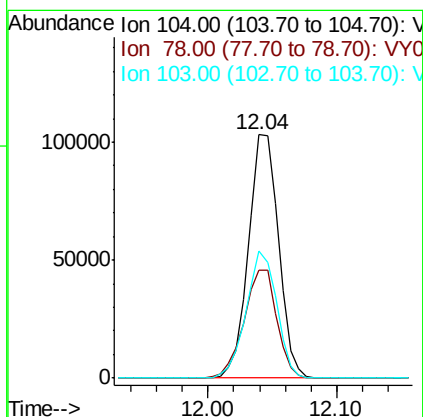
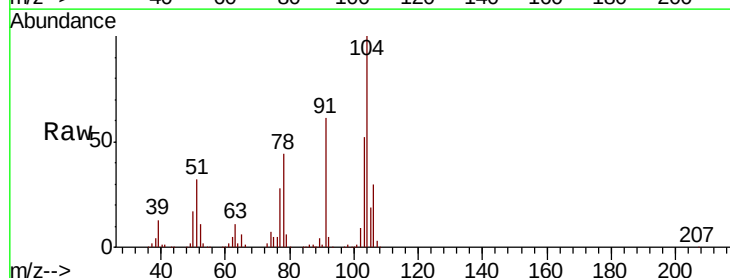
Instrument :
MSVOA_Y
ClientSampleId :

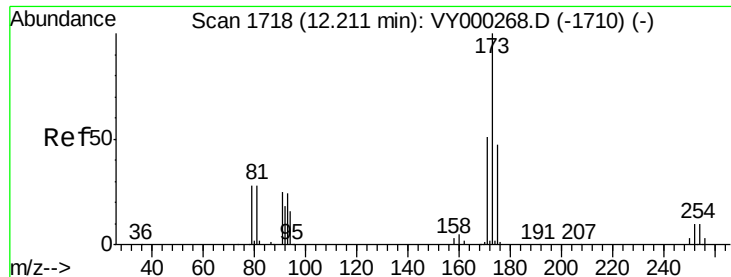
Tot Ion:106 Resp: 99622
Ion Ratio Lower Upper
106 100
91 203.3 104.7 313.9



#70
Styrene
Concen: 22.584 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion:104 Resp: 165800
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 53.2 43.1 64.7





#71

Bromoform

Concen: 23.392 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

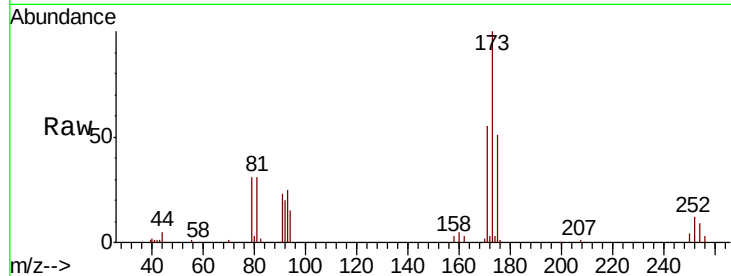
Tot Ion:173 Resp: 30417

Ion Ratio Lower Upper

173 100

175 46.8 24.6 73.6

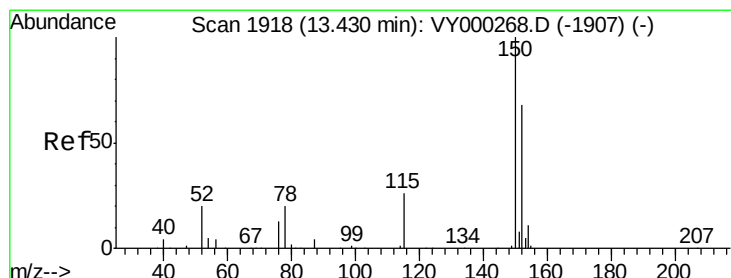
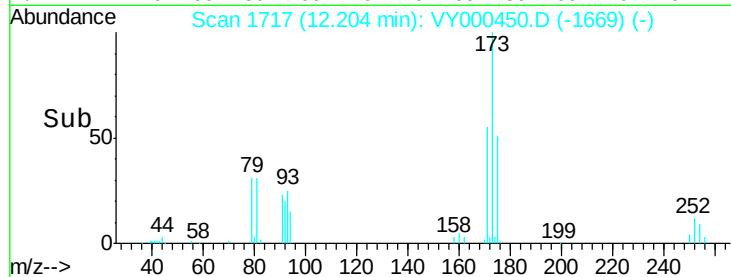
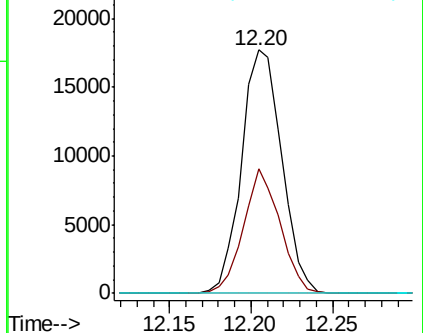
254 0.0 0.1 0.1#



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: VY000450.D

Acq: 28 Oct 2019 13:27

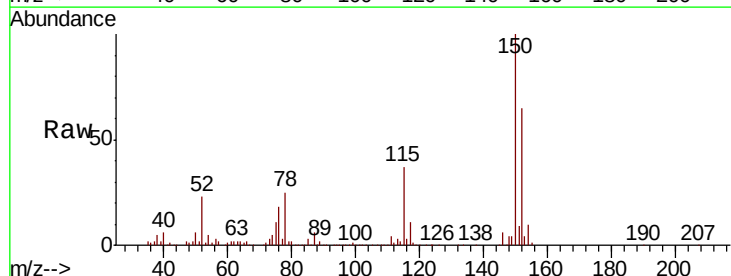
Tgt Ion:152 Resp: 153489

Ion Ratio Lower Upper

152 100

115 57.9 29.3 88.0

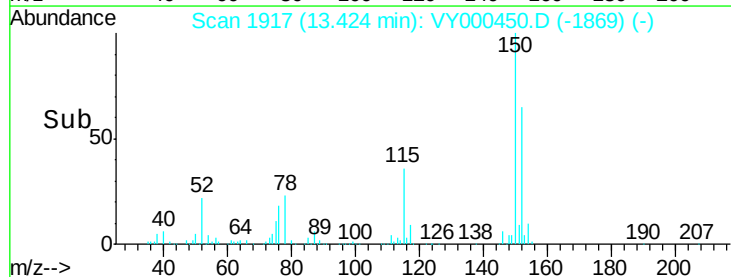
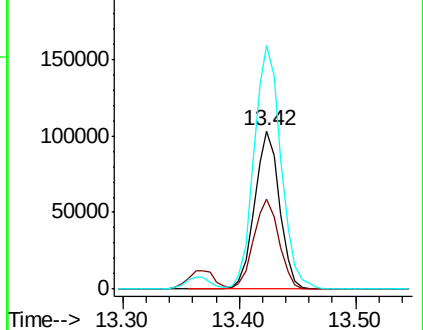
150 166.9 0.0 348.4

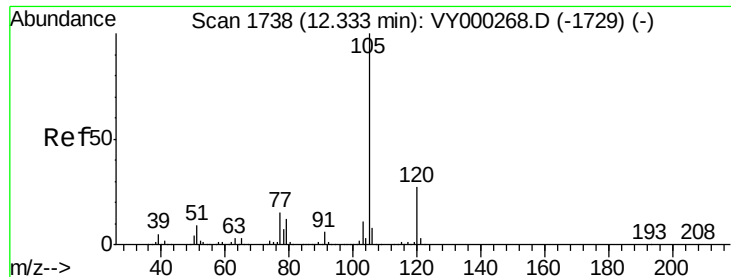


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.766 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

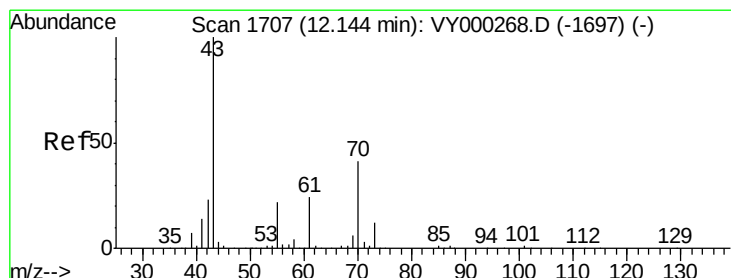
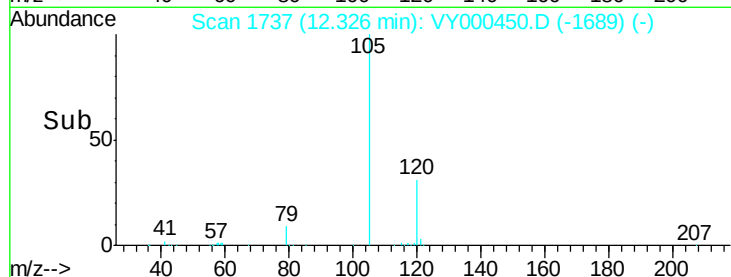
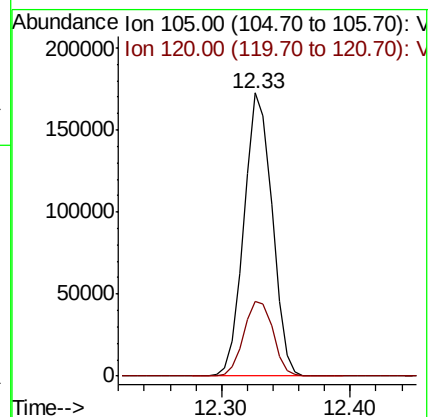
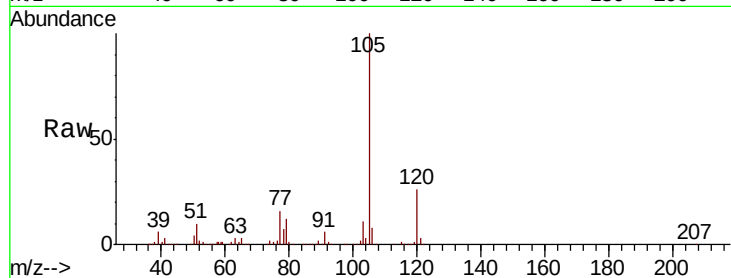
ClientSampleId :

Tot Ion:105 Resp: 260499

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 25.972 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Tgt Ion: 43 Resp: 76308

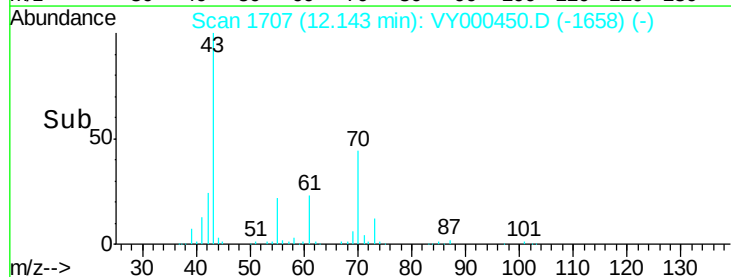
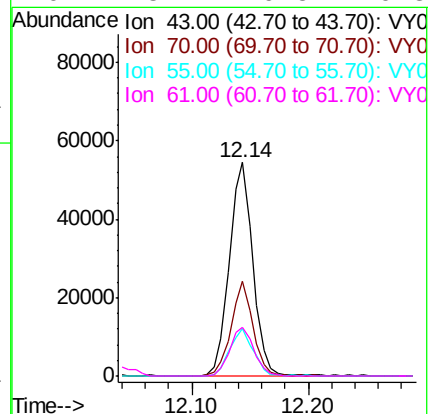
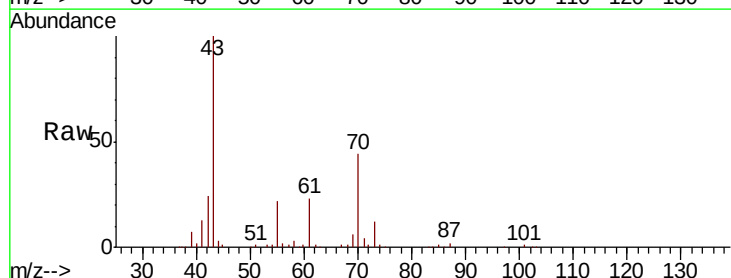
Ion Ratio Lower Upper

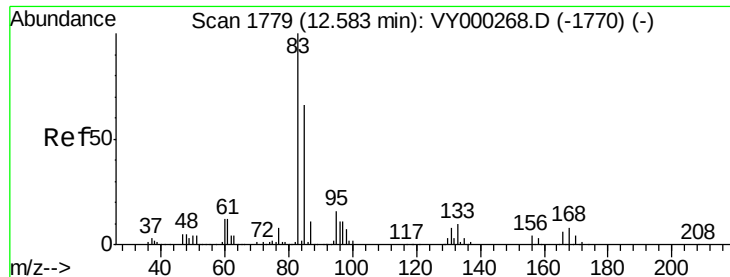
43 100

70 41.6 32.9 49.3

55 22.0 17.8 26.6

61 23.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 24.647 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

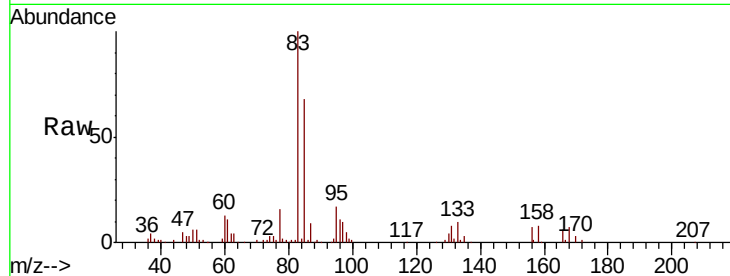
Tot Ion: 83 Resp: 55383

Ion Ratio Lower Upper

83 100

131 9.1 5.3 16.1

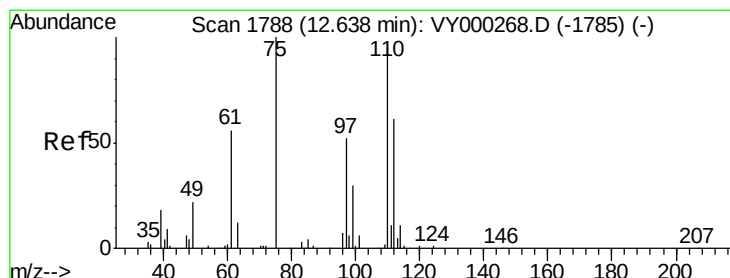
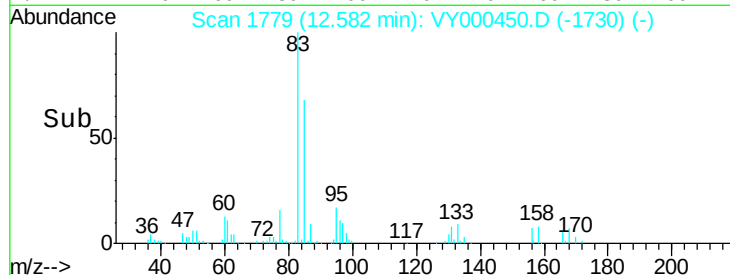
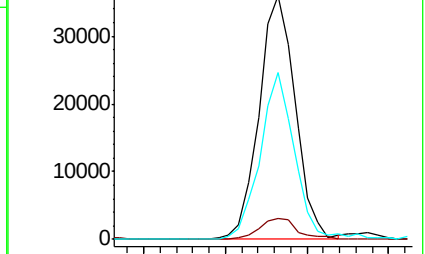
85 65.8 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY000450.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000450.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000450.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 38.685 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000450.D

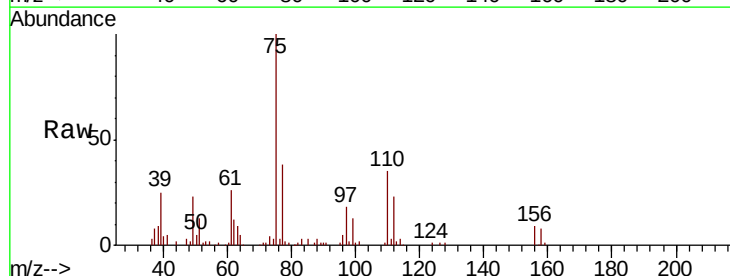
Acq: 28 Oct 2019 13:27

Tgt Ion: 75 Resp: 73014

Ion Ratio Lower Upper

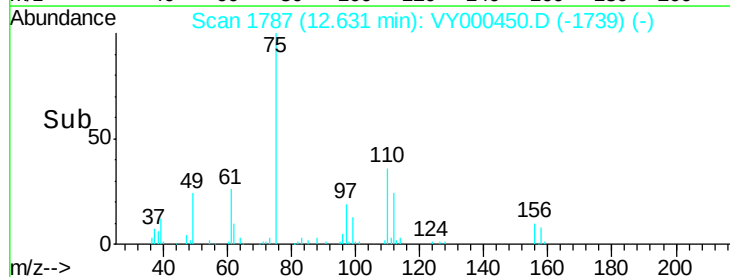
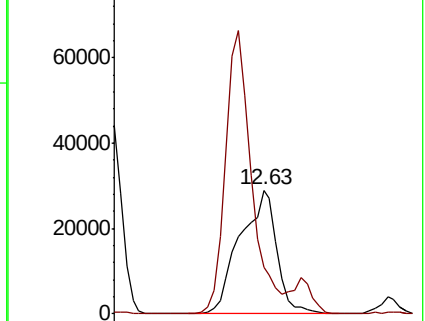
75 100

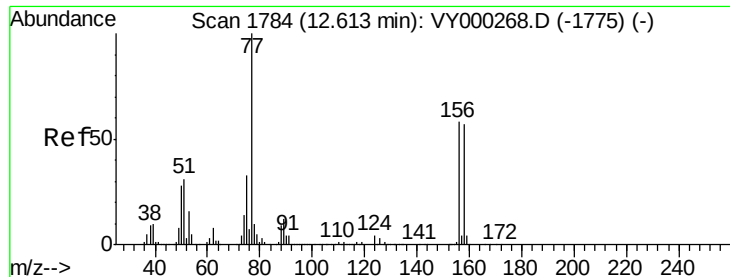
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000450.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000450.D (-1739) (-)





#77

Bromobenzene

Concen: 22.899 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampled :

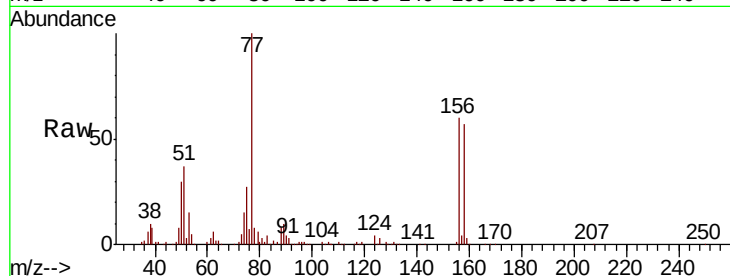
Tot Ion:156 Resp: 60984

Ion Ratio Lower Upper

156 100

77 192.5 101.0 302.9

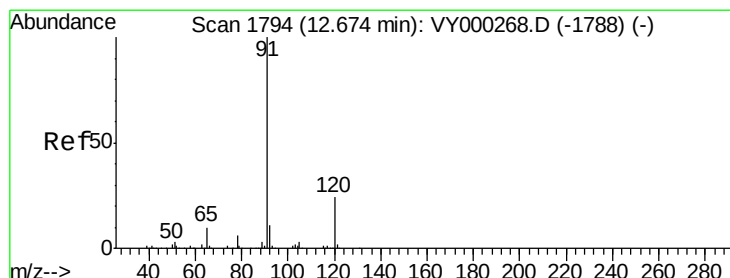
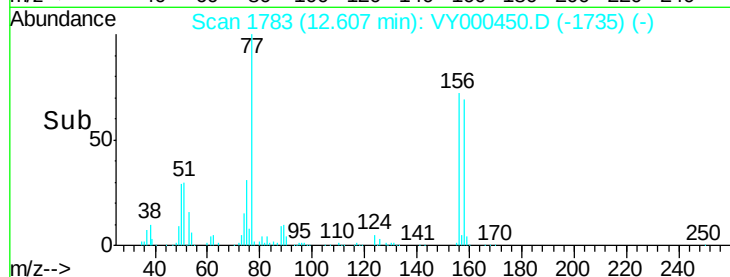
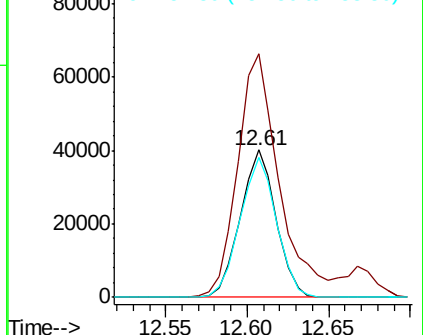
158 97.1 49.7 149.1



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: 22.098 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000450.D

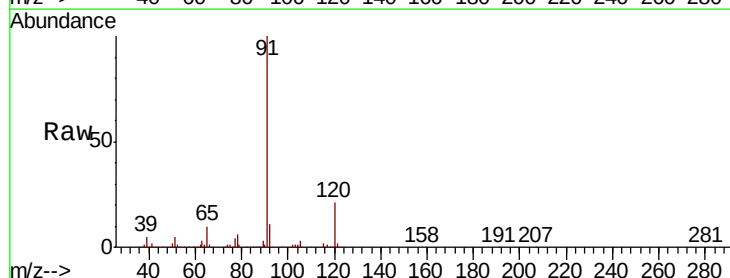
Acq: 28 Oct 2019 13:27

Tgt Ion: 91 Resp: 317541

Ion Ratio Lower Upper

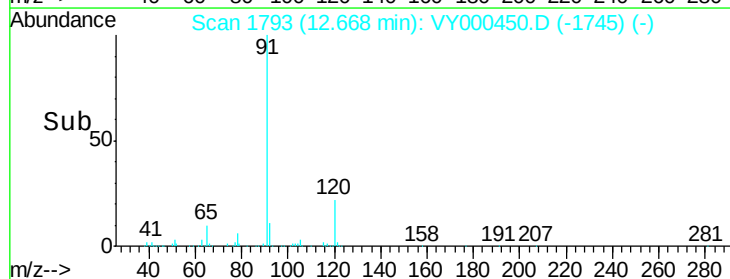
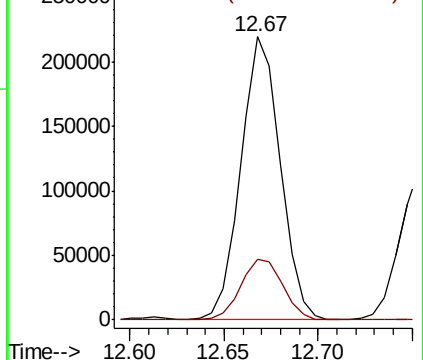
91 100

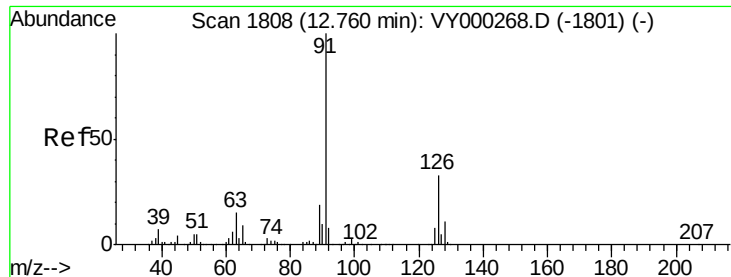
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.514 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

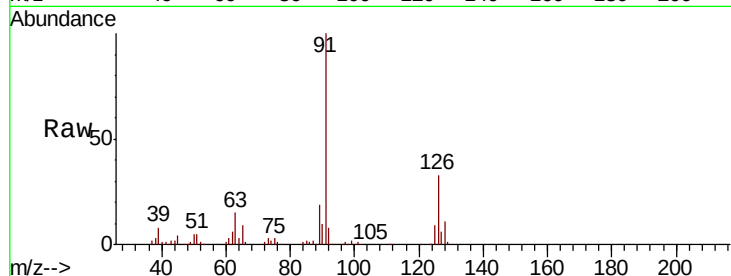
ClientSampleId :

Tot Ion: 91 Resp: 178664

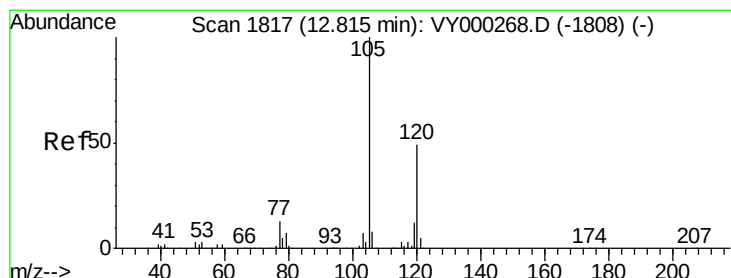
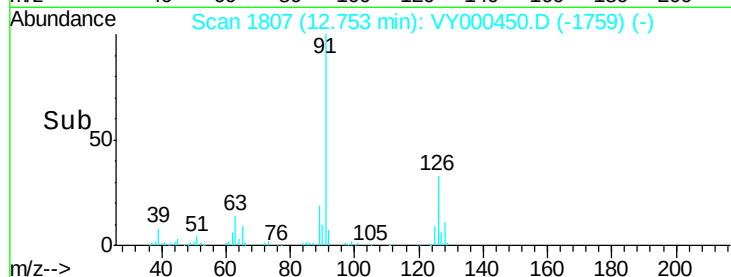
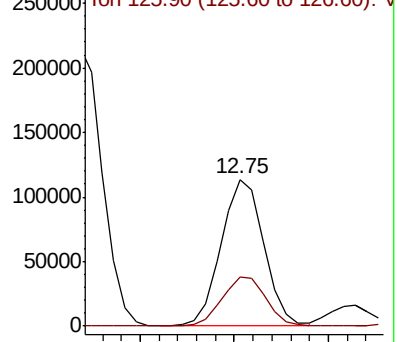
Ion Ratio Lower Upper

91 100

126 34.2 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000450.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.238 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY000450.D

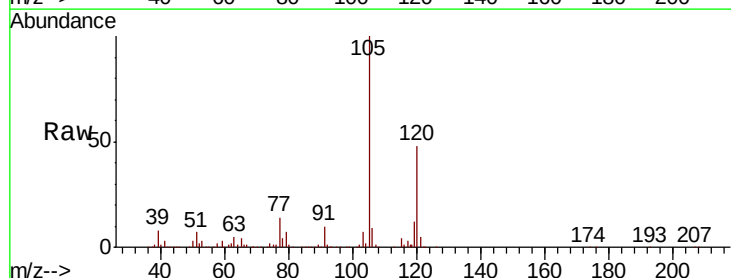
Acq: 28 Oct 2019 13:27

Tgt Ion: 105 Resp: 223166

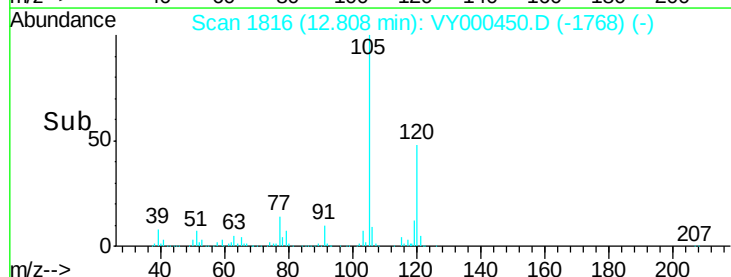
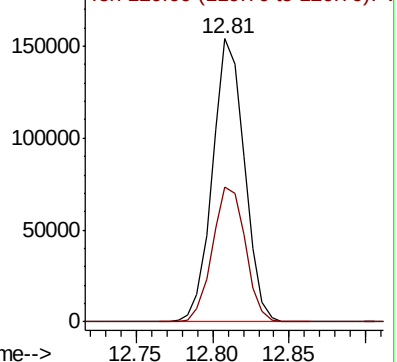
Ion Ratio Lower Upper

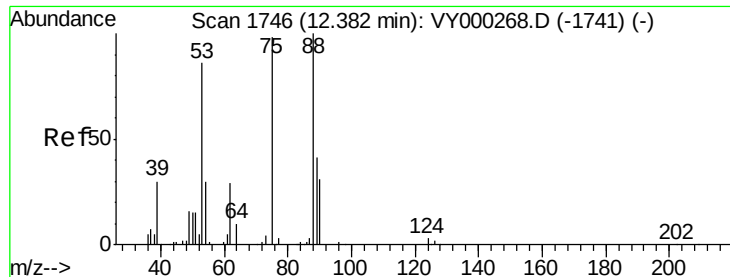
105 100

120 49.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000450.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.372 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

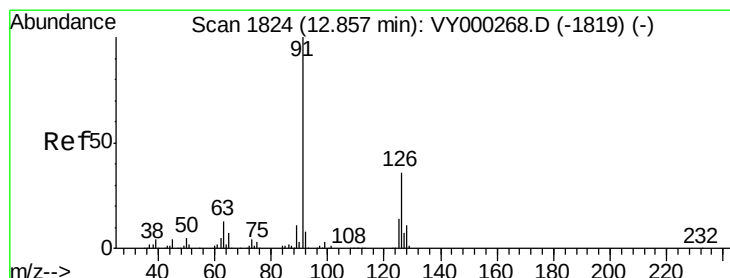
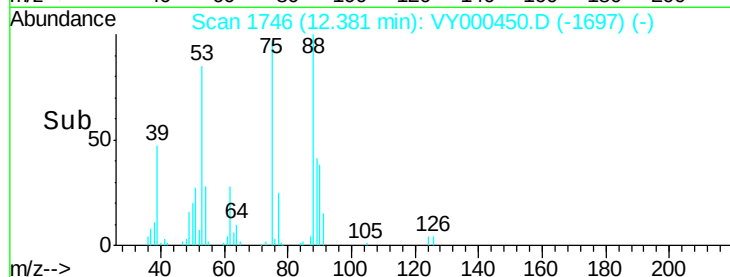
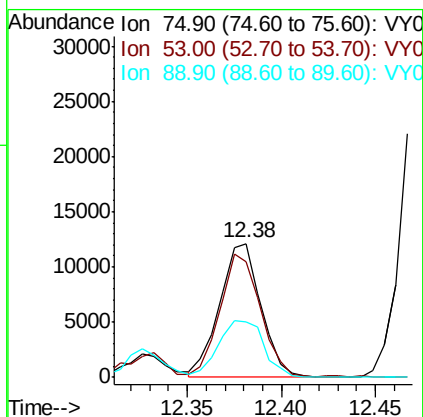
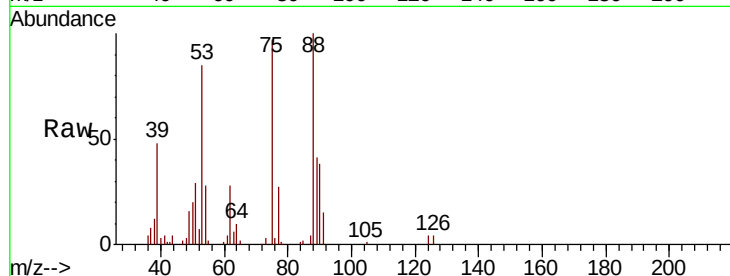
Tot Ion: 75 Resp: 18436

Ion Ratio Lower Upper

75 100

53 91.1 71.3 106.9

89 46.1 35.1 52.7



#82

4-Chlorotoluene

Concen: 22.214 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000450.D

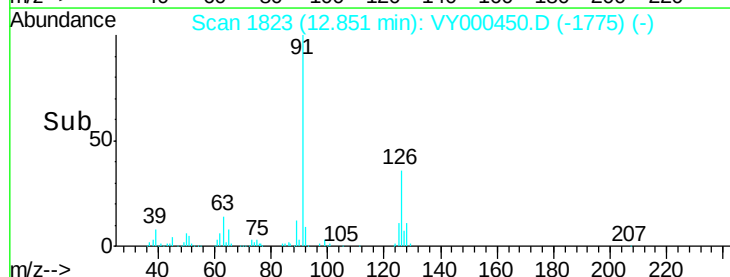
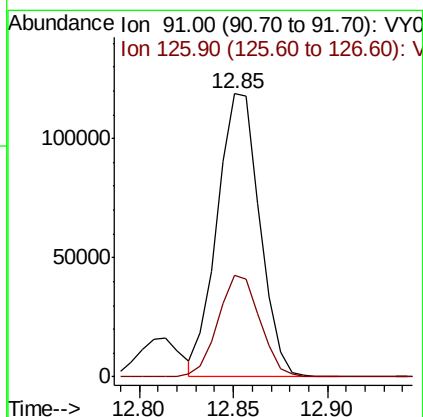
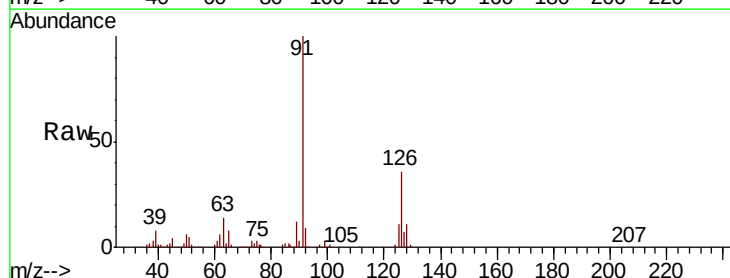
Acq: 28 Oct 2019 13:27

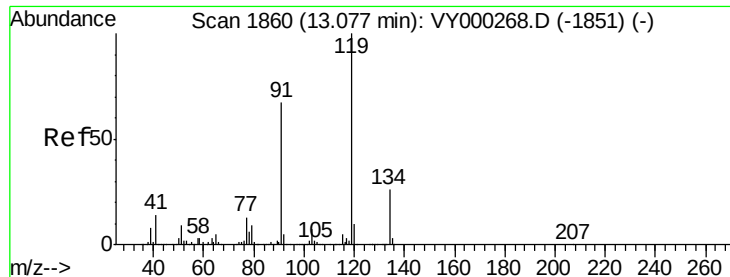
Tgt Ion: 91 Resp: 186340

Ion Ratio Lower Upper

91 100

126 35.3 17.2 51.5

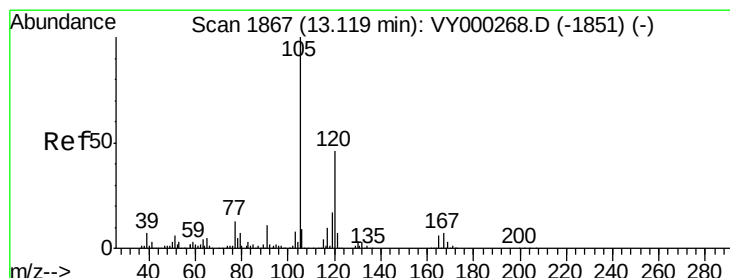
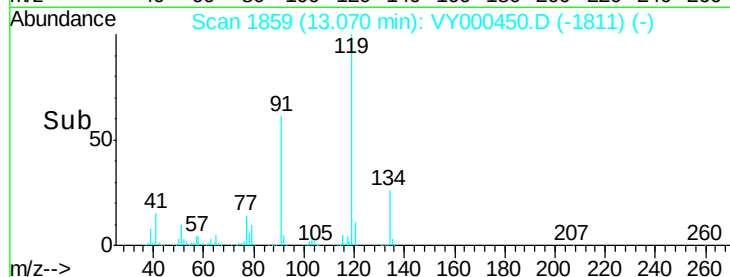
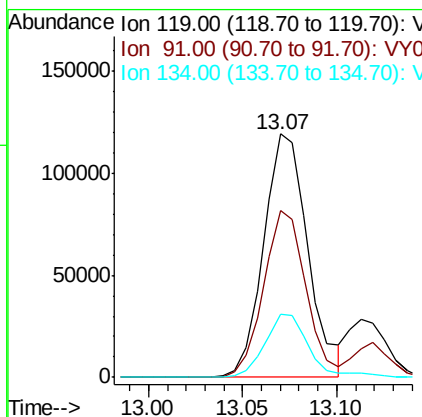
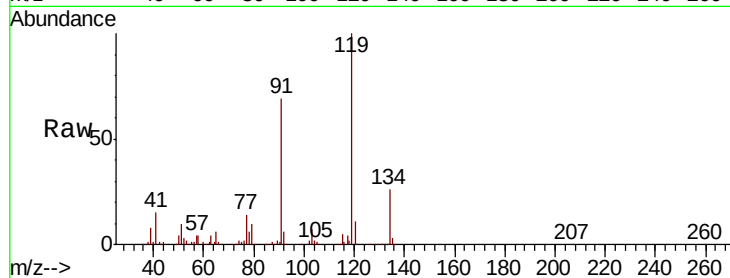




#83
 tert-Butylbenzene
 Concen: 22.829 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

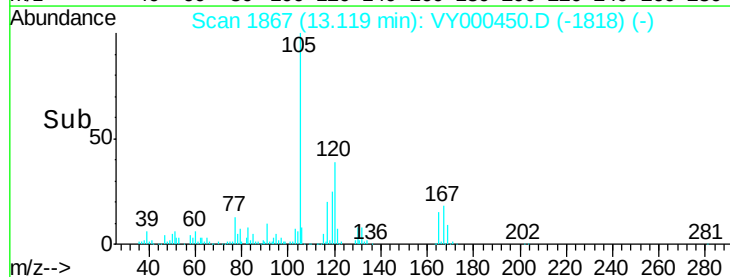
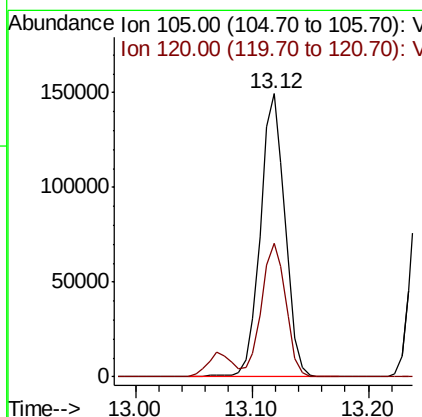
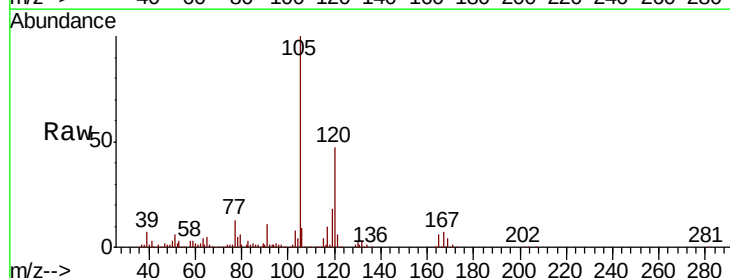
Instrument :
 MSVOA_Y
 ClientSampleId :

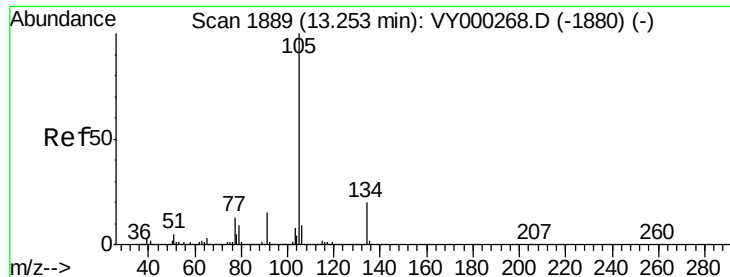
Tot Ion:119 Resp: 194015
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.9 98.7
 134 26.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.289 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion:105 Resp: 220770
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.9 68.8





#85

sec-Butylbenzene

Concen: 22.356 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

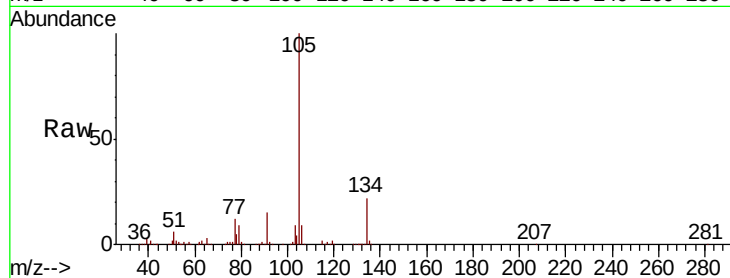
ClientSampleId :

Tot Ion:105 Resp: 274845

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

200000

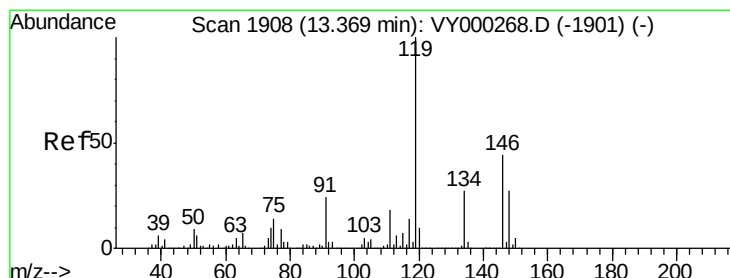
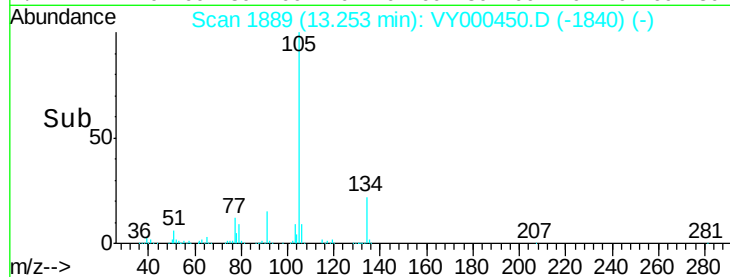
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.790 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

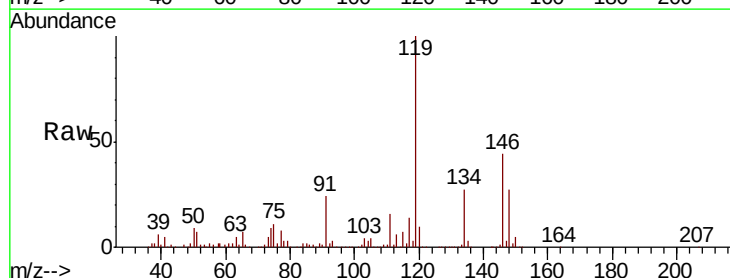
Tgt Ion:119 Resp: 244272

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 23.6 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

13.37

200000

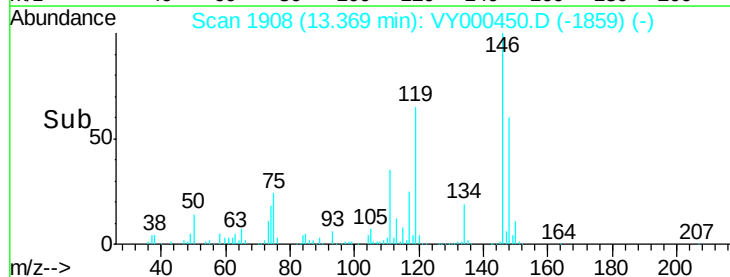
150000

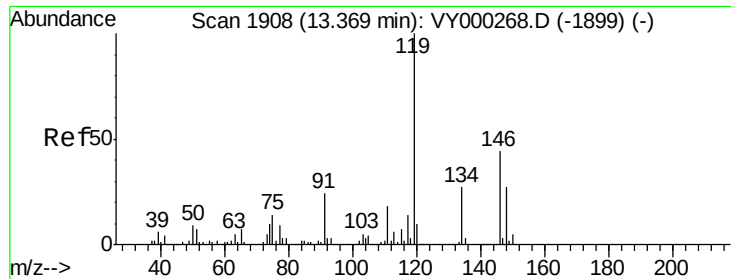
100000

50000

0

Time-->

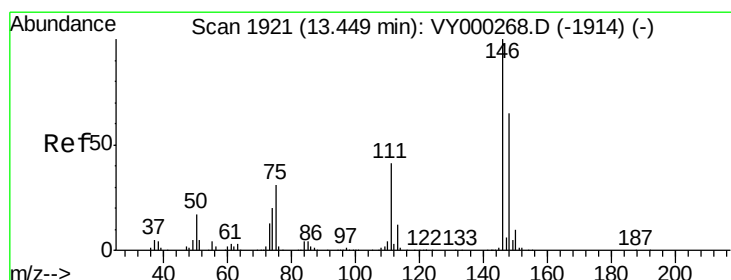
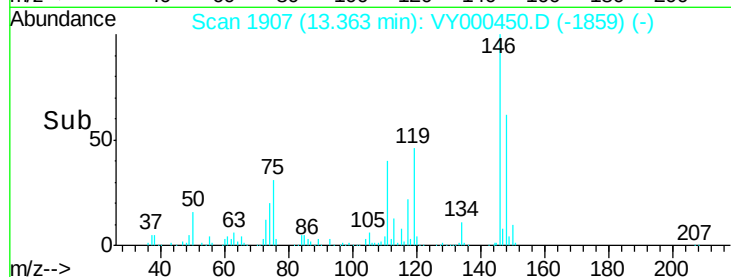
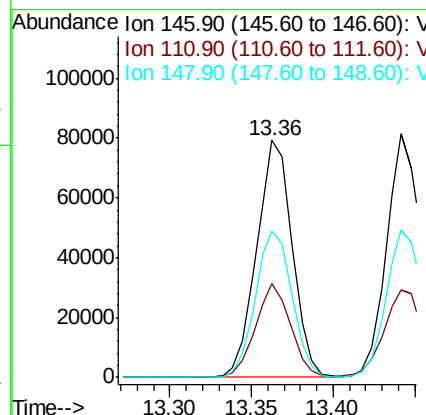
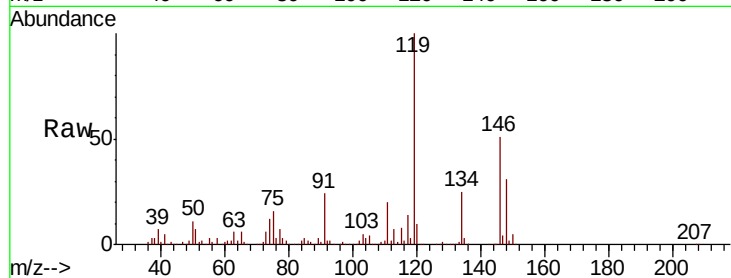




#87
 1,3-Dichlorobenzene
 Concen: 22.937 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

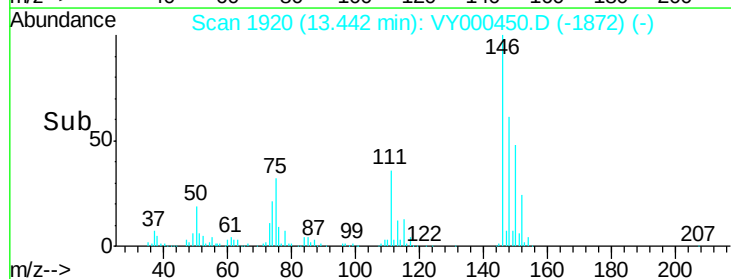
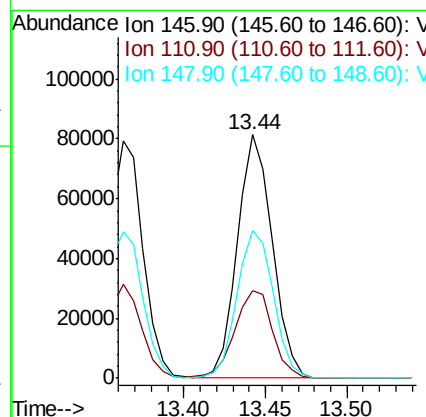
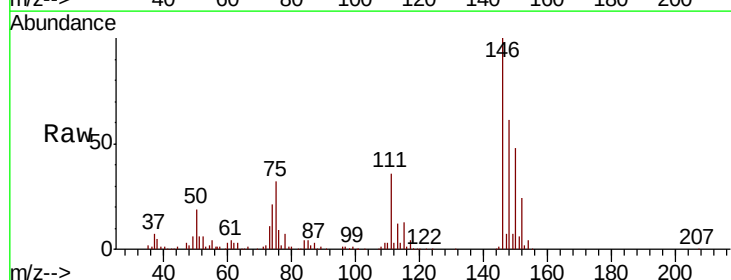
Instrument :
 MSVOA_Y
 ClientSampled :

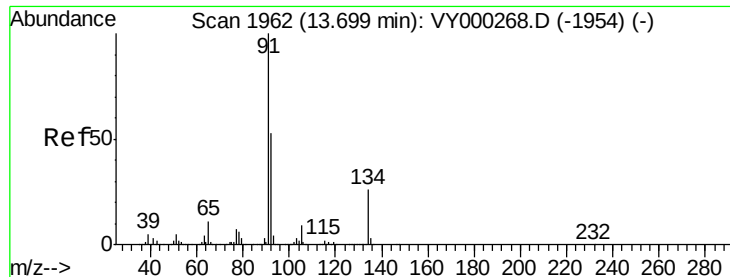
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.6	61.8
148	63.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 23.158 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.2
148	63.1	32.4	97.2

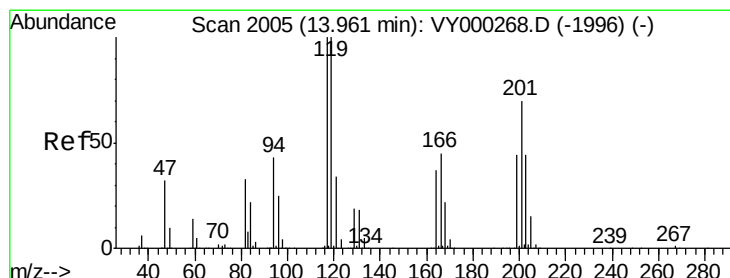
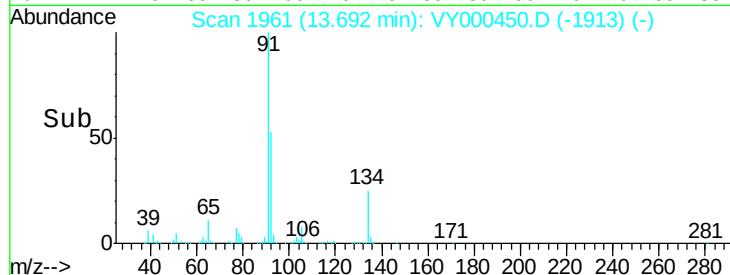
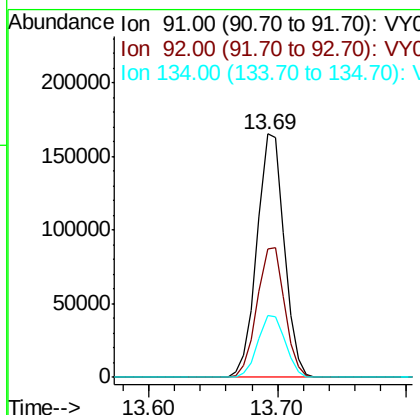
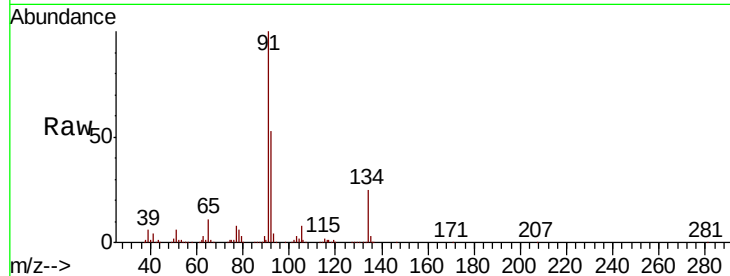




#89
n-Butylbenzene
Concen: 22.735 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

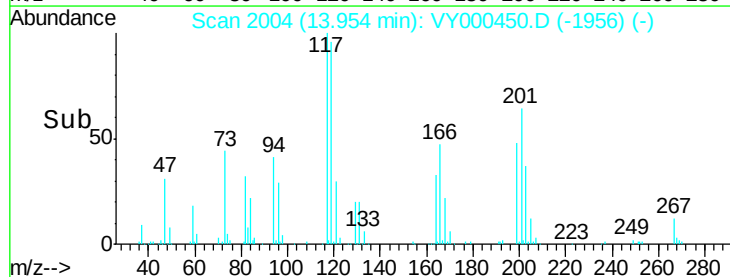
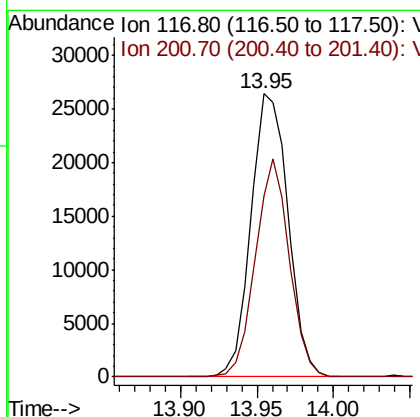
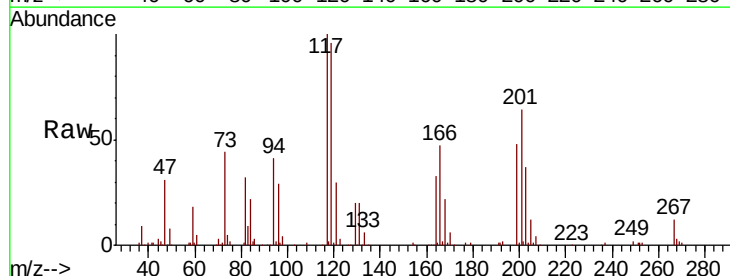
Instrument :
MSVOA_Y
ClientSampled :

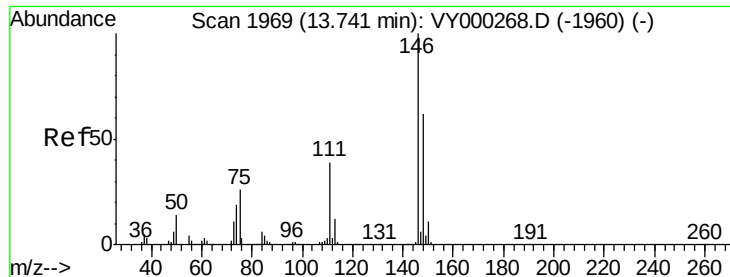
Tot Ion: 91 Resp: 240805
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.1
134 25.6 13.0 38.9



#90
Hexachloroethane
Concen: 22.522 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion: 117 Resp: 44699
Ion Ratio Lower Upper
117 100
201 70.4 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 22.805 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

Instrument :

MSVOA_Y

ClientSampleId :

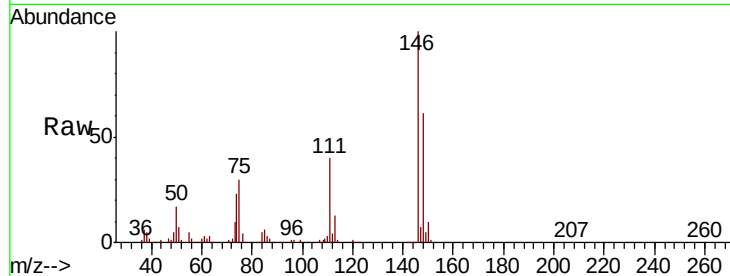
Tot Ion:146 Resp: 108291

Ion Ratio Lower Upper

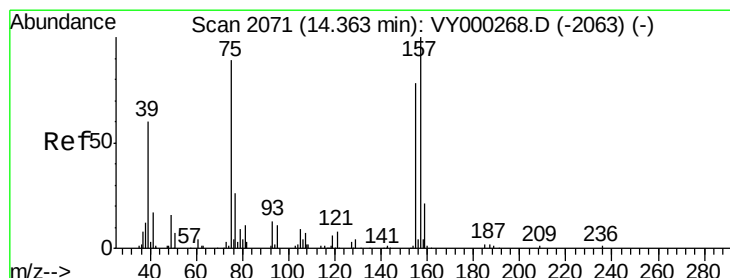
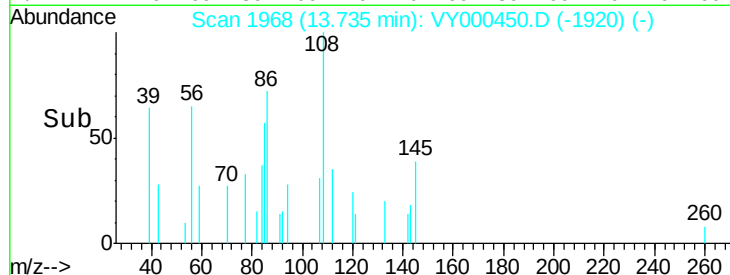
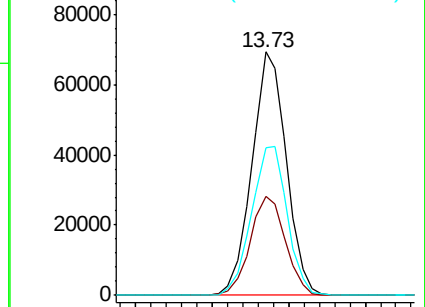
146 100

111 41.5 20.5 61.5

148 63.5 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: 21.810 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000450.D

Acq: 28 Oct 2019 13:27

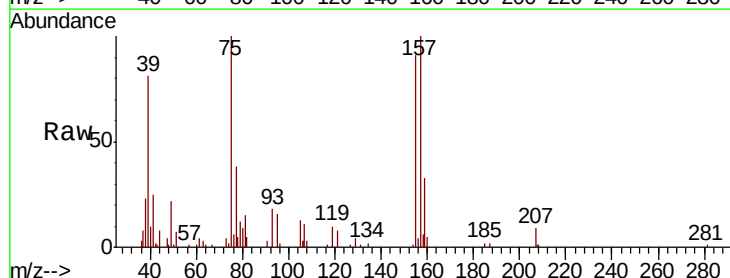
Tgt Ion: 75 Resp: 9295

Ion Ratio Lower Upper

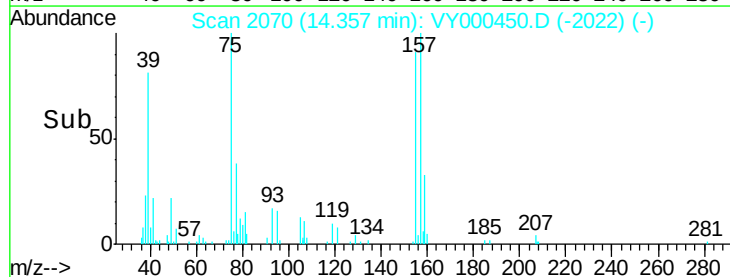
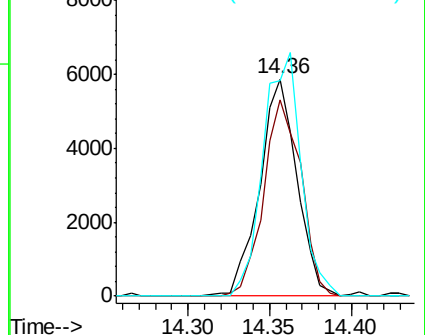
75 100

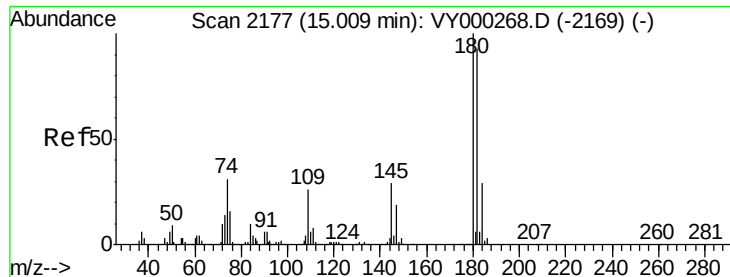
155 90.2 45.8 137.3

157 112.9 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

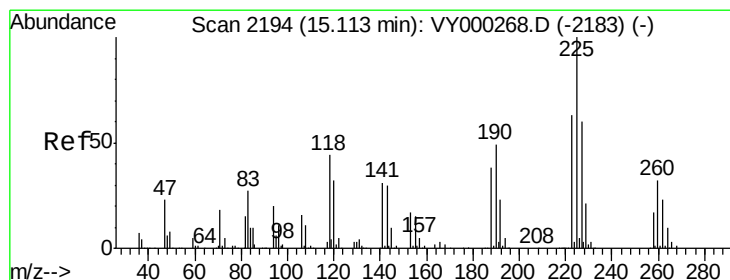
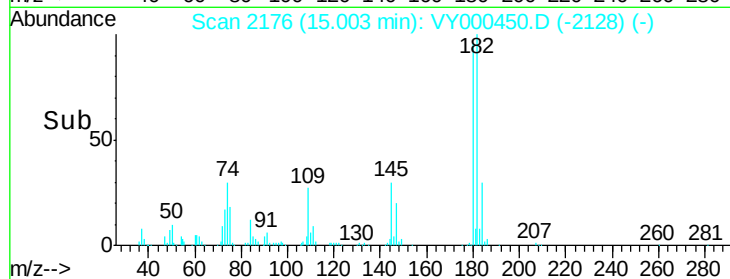
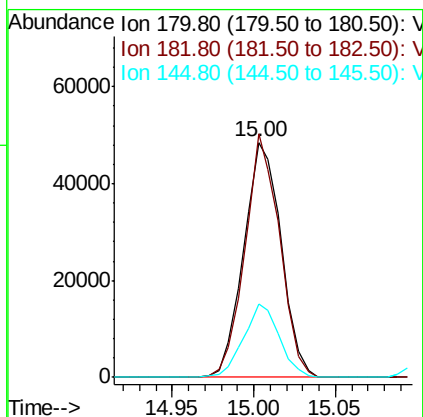
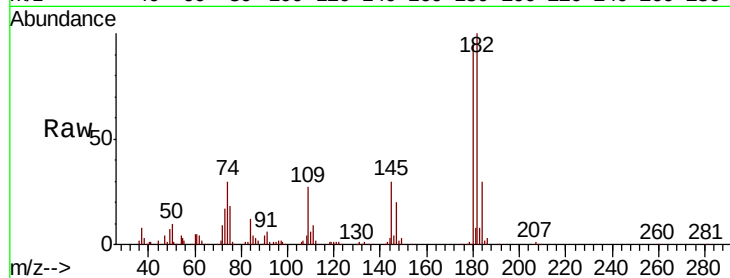




#93
 1,2,4-Trichlorobenzene
 Concen: 23.346 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

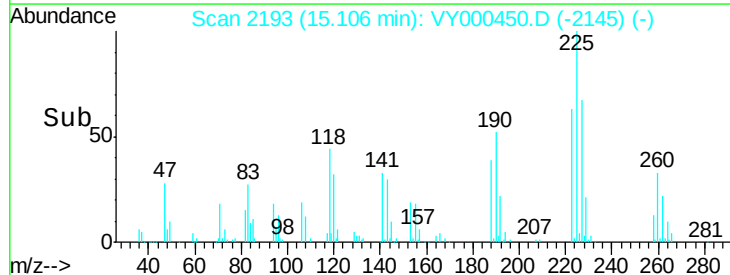
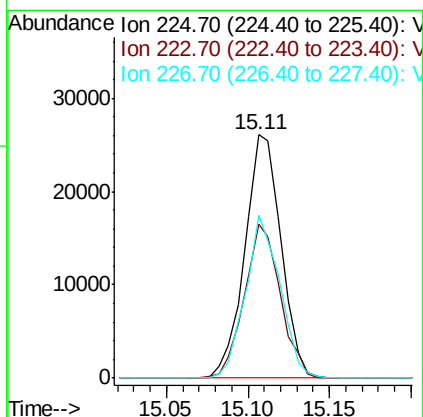
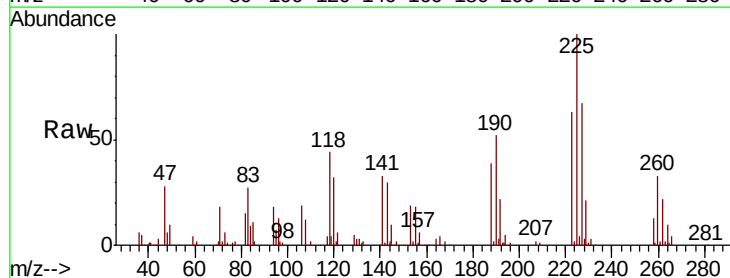
Instrument :
 MSVOA_Y
 ClientSampleId :

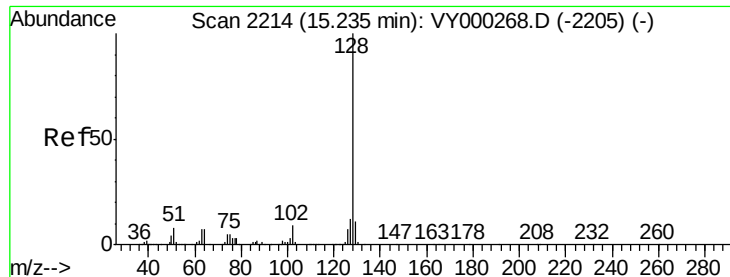
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.6
145	30.1	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 22.672 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000450.D
 Acq: 28 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.9	95.7
227	63.3	31.4	94.2

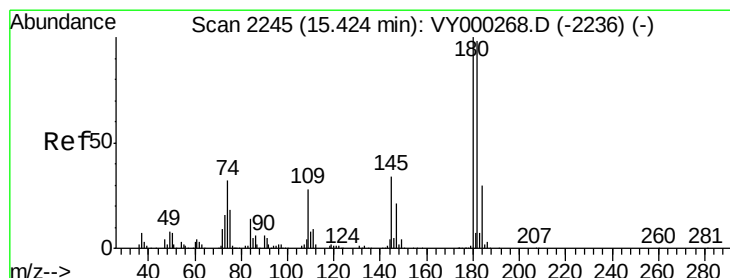
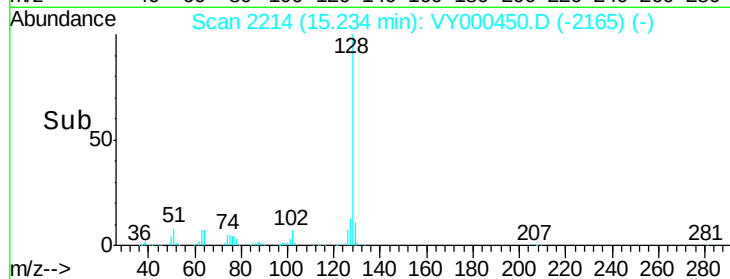
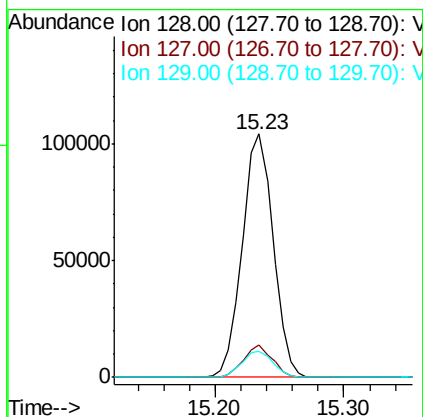
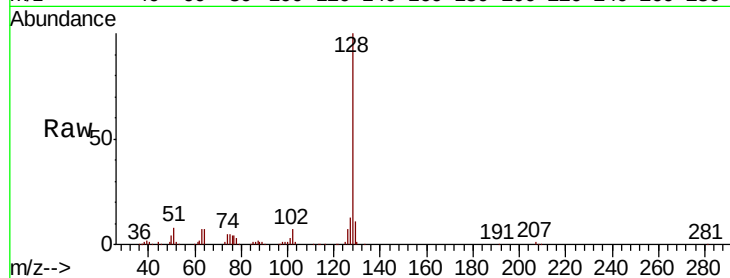




#95
Naphthalene
Concen: 23.377 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 172475
Ion Ratio Lower Upper
128 100
127 12.3 9.6 14.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.806 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000450.D
Acq: 28 Oct 2019 13:27

Tgt Ion:180 Resp: 70934
Ion Ratio Lower Upper
180 100
182 93.3 46.5 139.5
145 30.9 16.2 48.5

