

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000466.D
 Acq On : 29 Oct 2019 12:00
 Operator : SY/MD
 Sample : VY1029SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 07:17:14 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	193389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	318540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	289318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	149781	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	111484	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	7.74	113	102075	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.18	98	395219	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.48	95	141423	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	37665	22.237	ug/l	94
3) Chloromethane	2.12	50	56976	24.110	ug/l	98
4) Vinyl Chloride	2.26	62	51467	21.580	ug/l	99
5) Bromomethane	2.64	94	32580	18.433	ug/l	98
6) Chloroethane	2.79	64	33865	22.007	ug/l	98
7) Trichlorofluoromethane	3.13	101	72239	22.143	ug/l	95
8) Diethyl Ether	3.54	74	27891	24.201	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43672	22.074	ug/l	99
10) Methyl Iodide	4.10	142	49401	18.300	ug/l	97
11) Tert butyl alcohol	4.96	59	22064	103.353	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	44293	22.677	ug/l	98
13) Acrolein	3.74	56	18371	73.400	ug/l	99
14) Allyl chloride	4.49	41	73337	22.658	ug/l	97
15) Acrylonitrile	5.18	53	70726	109.641	ug/l	95
16) Acetone	3.96	43	68909	104.309	ug/l	95
17) Carbon Disulfide	4.20	76	123766	20.126	ug/l	98
18) Methyl Acetate	4.49	43	39290	23.937	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	125763	23.130	ug/l	99
20) Methylene Chloride	4.72	84	55704	21.979	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	49651	22.157	ug/l	88
22) Diisopropyl ether	6.13	45	160356	23.424	ug/l	97
23) Vinyl Acetate	6.07	43	497616	111.420	ug/l	100
24) 1,1-Dichloroethane	6.03	63	85093	22.772	ug/l	98
25) 2-Butanone	7.00	43	105406	113.266	ug/l	93
26) 2,2-Dichloropropane	6.99	77	80023	23.241	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	56462	23.285	ug/l	98
28) Bromochloromethane	7.34	49	33627	20.963	ug/l	99
29) Tetrahydrofuran	7.36	42	62766	111.290	ug/l	98
30) Chloroform	7.52	83	88229	23.446	ug/l	97
31) Cyclohexane	7.80	56	81430	20.864	ug/l	88
32) 1,1,1-Trichloroethane	7.72	97	76832	22.965	ug/l	99
36) 1,1-Dichloropropene	7.92	75	68488	21.960	ug/l	99
37) Ethyl Acetate	7.09	43	41228	22.326	ug/l	100
38) Carbon Tetrachloride	7.91	117	66417	21.995	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	85918	21.049	ug/l	87
40) Benzene	8.17	78	205053	22.752	ug/l	98
41) Methacrylonitrile	7.36	41	56544	64.327	ug/l #	25
42) 1,2-Dichloroethane	8.25	62	57699	22.412	ug/l	100
43) Isopropyl Acetate	8.28	43	78221	22.277	ug/l	99
44) Trichloroethene	8.95	130	54273	21.462	ug/l	99
45) 1,2-Dichloropropane	9.22	63	50250	22.719	ug/l	99
46) Dibromomethane	9.31	93	27394	22.156	ug/l	98
47) Bromodichloromethane	9.50	83	66196	22.718	ug/l	98
48) Methyl methacrylate	9.30	41	34722	22.564	ug/l	98
49) 1,4-Dioxane	9.31	88	6859	369.988	ug/l #	92
51) 4-Methyl-2-Pentanone	10.08	43	212579	117.381	ug/l	100
52) Toluene	10.25	92	128576	22.470	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	71299	22.832	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	81503	22.982	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	41205	22.921	ug/l	92
56) Ethyl methacrylate	10.51	69	57678	22.510	ug/l	97
57) 1,3-Dichloropropane	10.80	76	72710	23.551	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	134503	131.602	ug/l	98
59) 2-Hexanone	10.83	43	158724	124.864	ug/l	97
60) Dibromochloromethane	10.99	129	46643	23.409	ug/l	99
61) 1,2-Dibromoethane	11.09	107	39963	23.152	ug/l	100
64) Tetrachloroethene	10.72	164	57264	20.790	ug/l	94
65) Chlorobenzene	11.52	112	137520	22.523	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	50696	23.636	ug/l	98
67) Ethyl Benzene	11.59	91	253148	22.365	ug/l	97
68) m/p-Xylenes	11.70	106	195297	45.134	ug/l	97
69) o-Xylene	12.03	106	90437	21.909	ug/l	98
70) Styrene	12.04	104	156457	22.474	ug/l	97
71) Bromoform	12.21	173	27863	22.598	ug/l #	100
73) Isopropylbenzene	12.33	105	241507	20.679	ug/l	99
74) N-amyl acetate	12.14	43	70061	24.436	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	48352	22.050	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	66467	36.088	ug/l #	100
77) Bromobenzene	12.61	156	56745	21.835	ug/l	93
78) n-propylbenzene	12.67	91	295158	21.049	ug/l	100
79) 2-Chlorotoluene	12.75	91	166018	21.438	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	201859	20.612	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15612	18.546	ug/l	94
82) 4-Chlorotoluene	12.85	91	170667	20.849	ug/l	98
83) tert-Butylbenzene	13.07	119	174099	20.993	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	203543	21.059	ug/l	99
85) sec-Butylbenzene	13.25	105	250755	20.901	ug/l	97
86) p-Isopropyltoluene	13.37	119	224155	21.431	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	112250	21.922	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	110601	21.610	ug/l	100
89) n-Butylbenzene	13.69	91	218079	21.099	ug/l	99
90) Hexachloroethane	13.96	117	40379	20.849	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	101355	21.873	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9445	22.711	ug/l	89

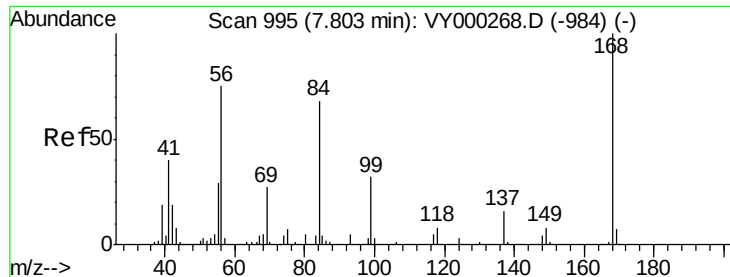
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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	72737	22.545	ug/l	96
94) Hexachlorobutadiene	15.11	225	35731	20.465	ug/l	96
95) Naphthalene	15.23	128	159182	22.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	64097	22.044	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

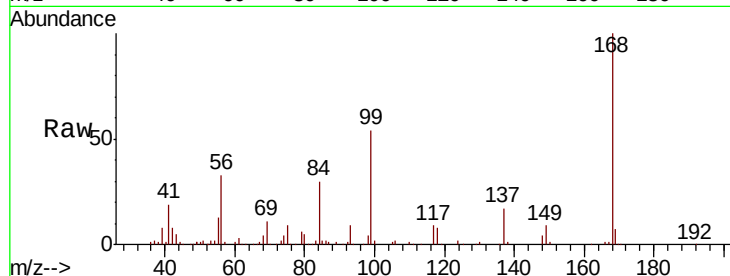
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 193389

Ion Ratio Lower Upper

168 100

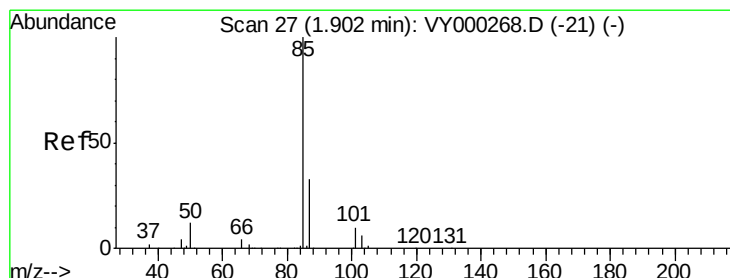
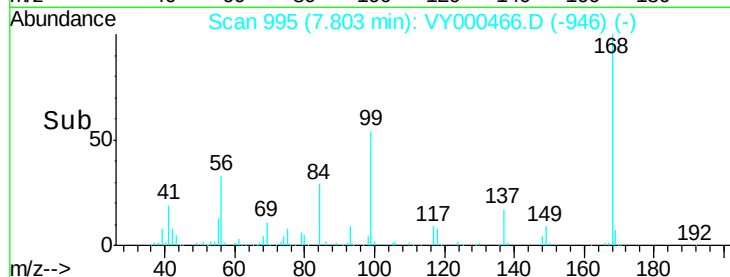
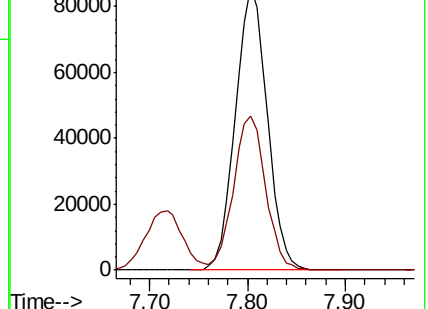
99 54.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

Time-->



#2

Dichlorodifluoromethane

Concen: 22.237 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000466.D

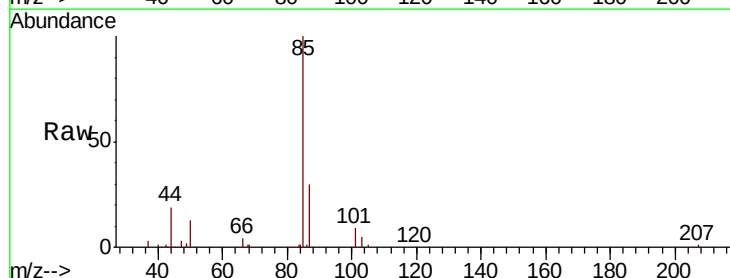
Acq: 29 Oct 2019 12:00

Tgt Ion: 85 Resp: 37665

Ion Ratio Lower Upper

85 100

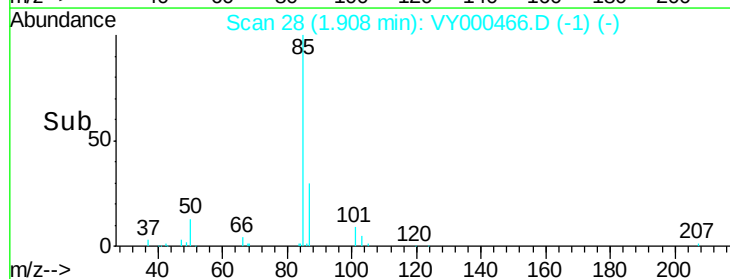
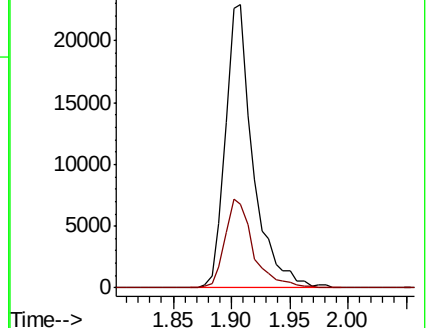
87 29.7 16.6 49.8

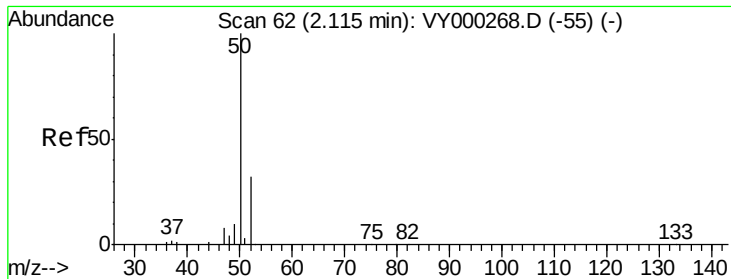


Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

Time-->





#3

Chloromethane

Concen: 24.110 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

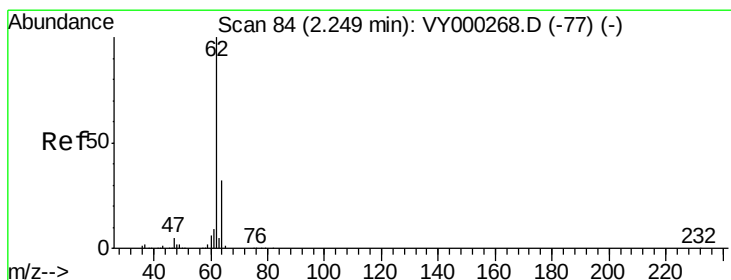
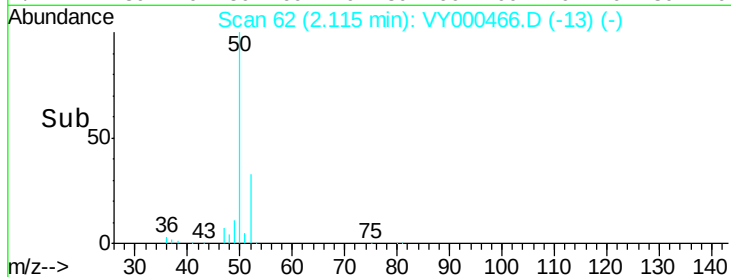
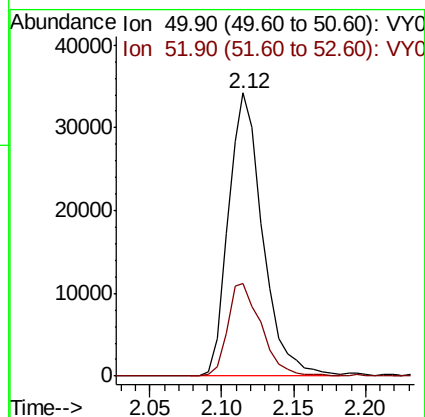
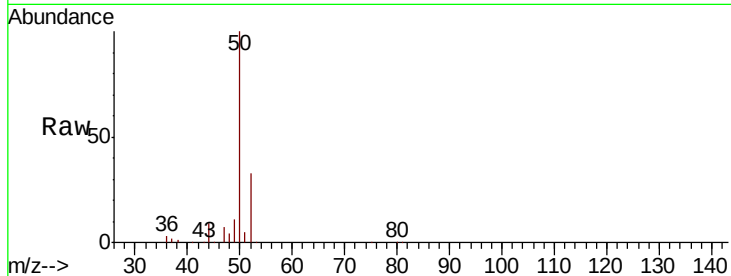
ClientSampleId :

Tot Ion: 50 Resp: 56976

Ion Ratio Lower Upper

50 100

52 32.6 25.3 37.9



#4

Vinyl Chloride

Concen: 21.580 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000466.D

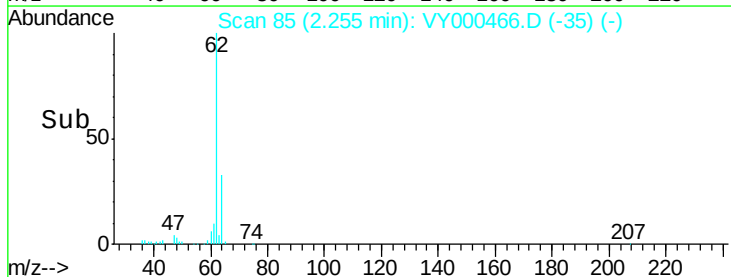
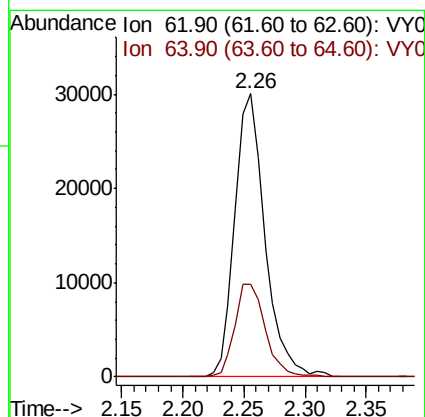
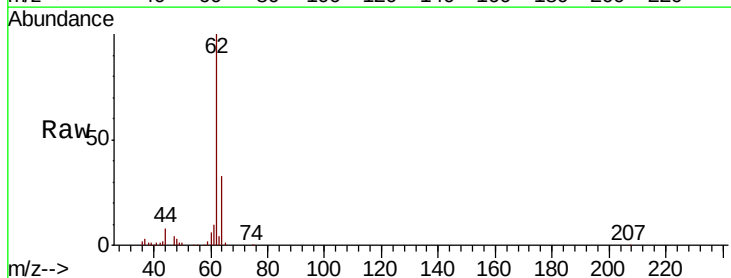
Acq: 29 Oct 2019 12:00

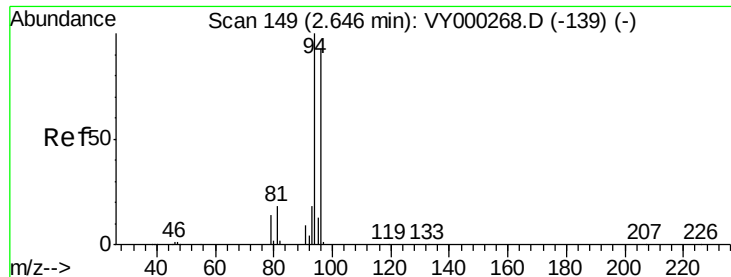
Tgt Ion: 62 Resp: 51467

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4





#5

Bromomethane

Concen: 18.433 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

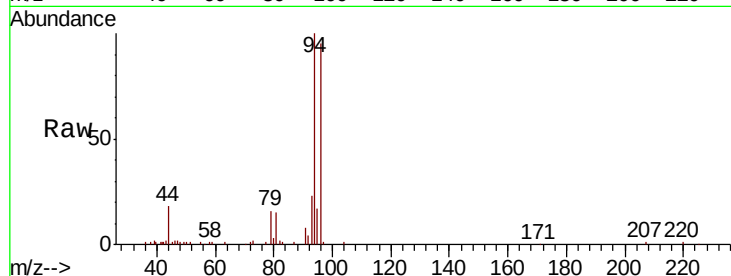
ClientSampleId :

Tot Ion: 94 Resp: 32580

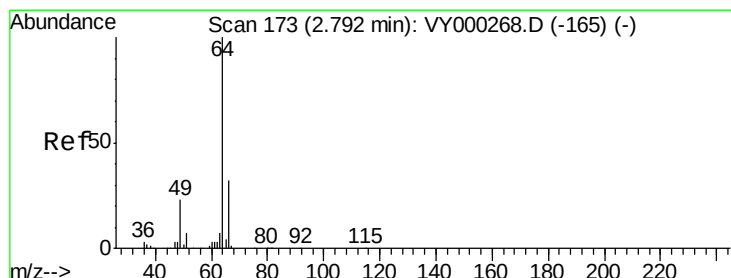
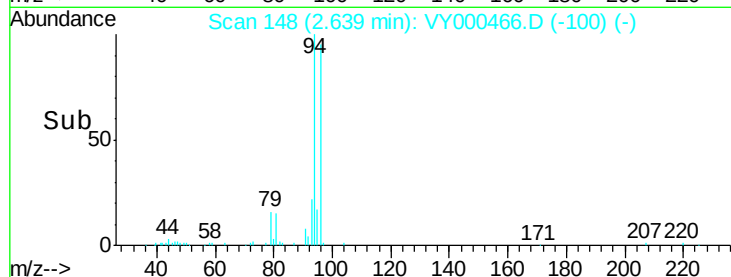
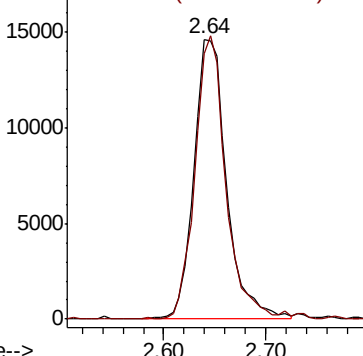
Ion Ratio Lower Upper

94 100

96 95.0 74.2 111.2



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



#6

Chloroethane

Concen: 22.007 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000466.D

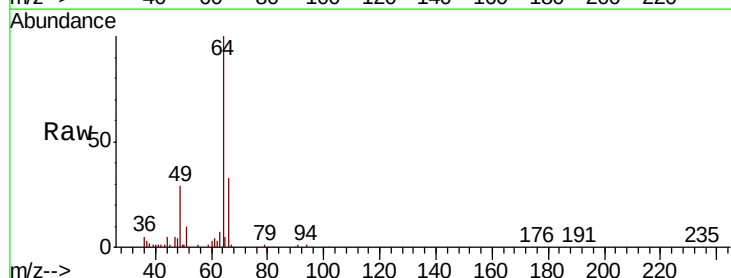
Acq: 29 Oct 2019 12:00

Tgt Ion: 64 Resp: 33865

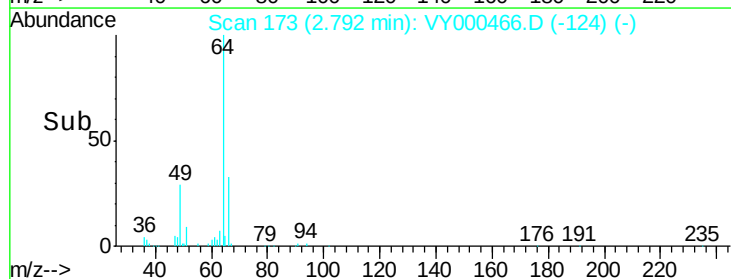
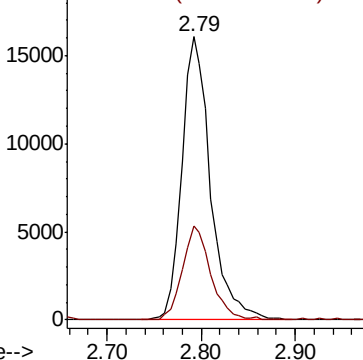
Ion Ratio Lower Upper

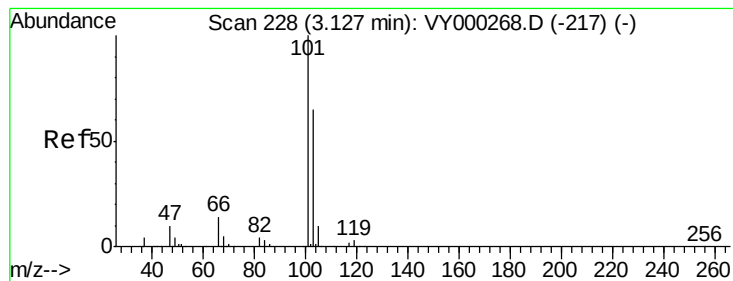
64 100

66 33.2 25.6 38.4



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



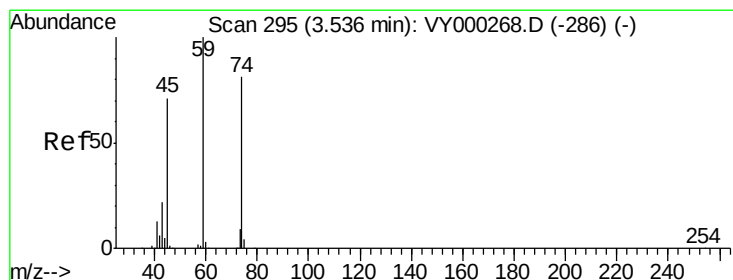
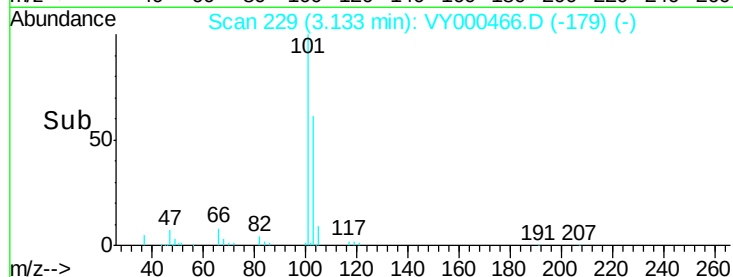
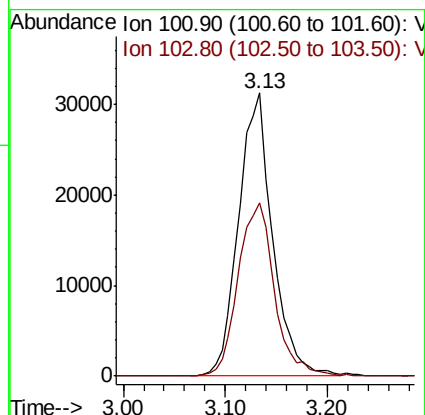
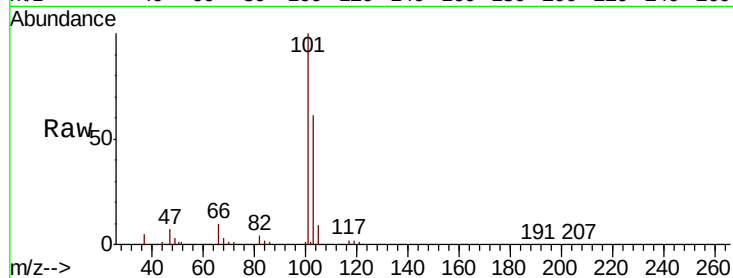


#7

Trichlorofluoromethane
Concen: 22.143 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :

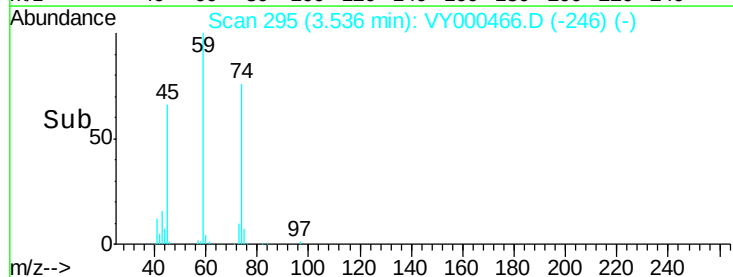
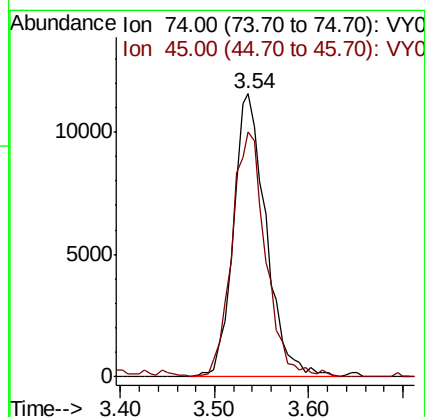
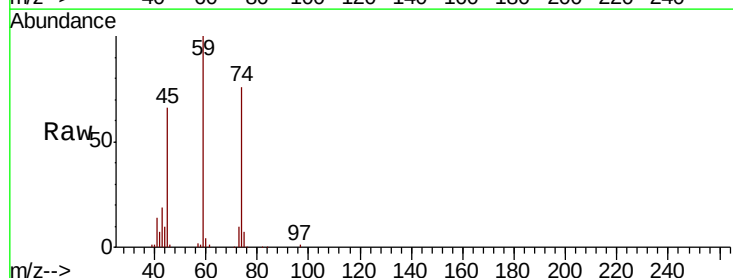
Tot Ion:101 Resp: 72239
Ion Ratio Lower Upper
101 100
103 61.0 52.2 78.4

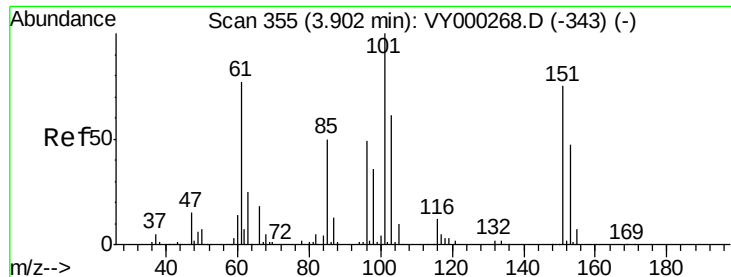


#8

Diethyl Ether
Concen: 24.201 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion: 74 Resp: 27891
Ion Ratio Lower Upper
74 100
45 89.3 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.074 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

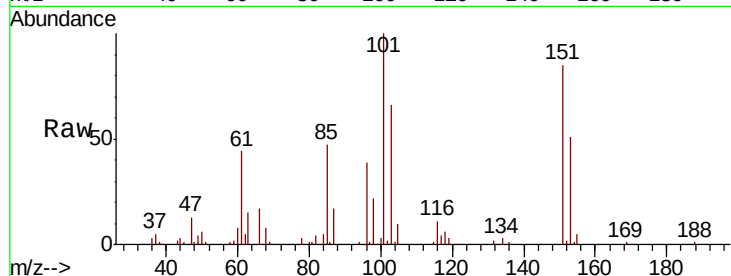
Tot Ion:101 Resp: 43672

Ion Ratio Lower Upper

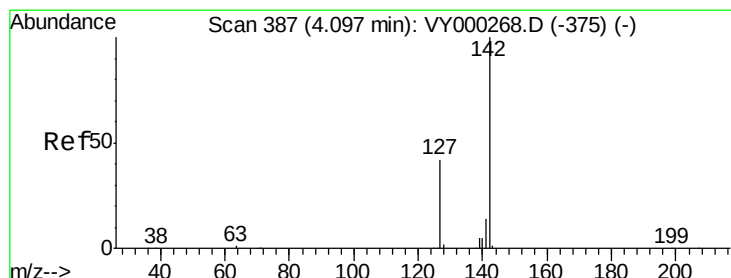
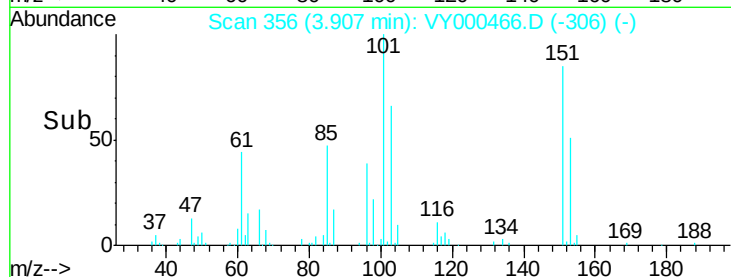
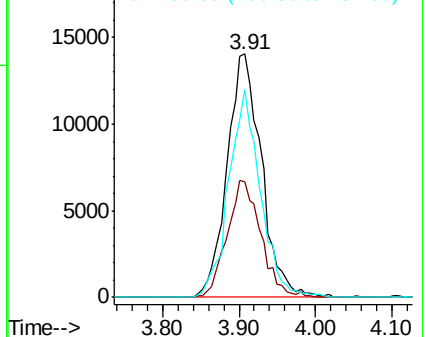
101 100

85 47.1 36.6 55.0

151 78.6 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: 18.300 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

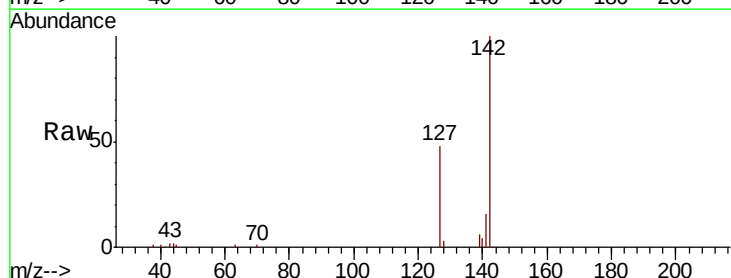
Tgt Ion:142 Resp: 49401

Ion Ratio Lower Upper

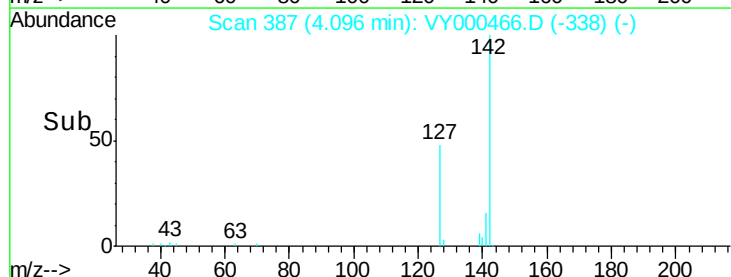
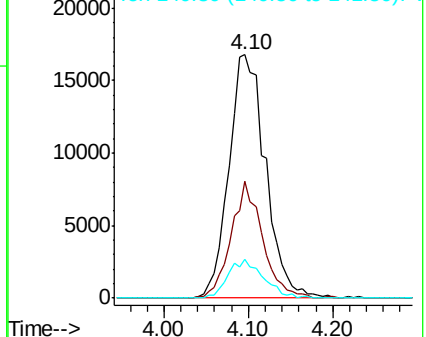
142 100

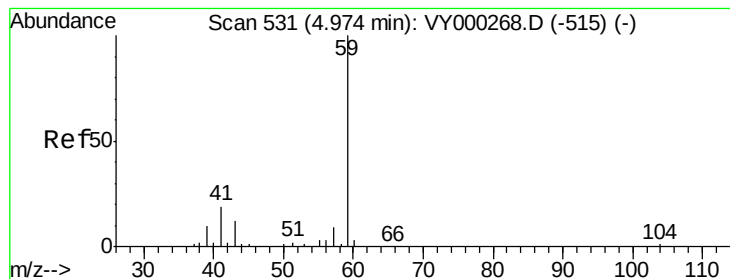
127 40.9 33.9 50.9

141 15.4 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



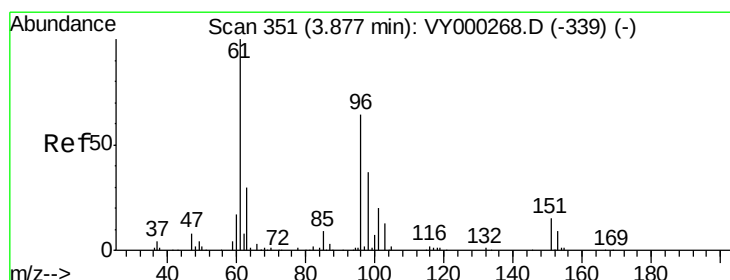
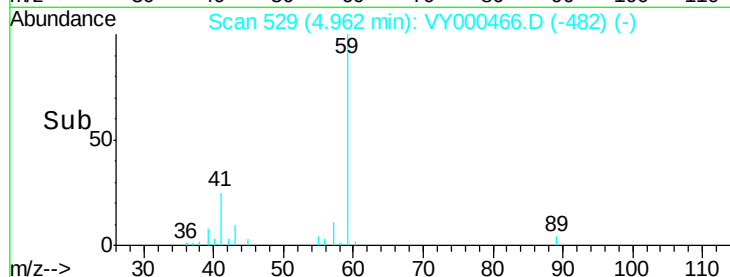
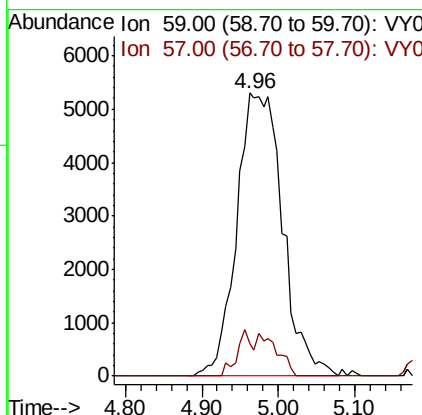
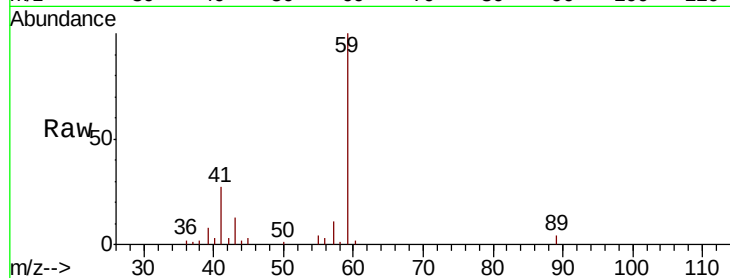


#11

Tert butyl alcohol
 Concen: 103.353 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampled :

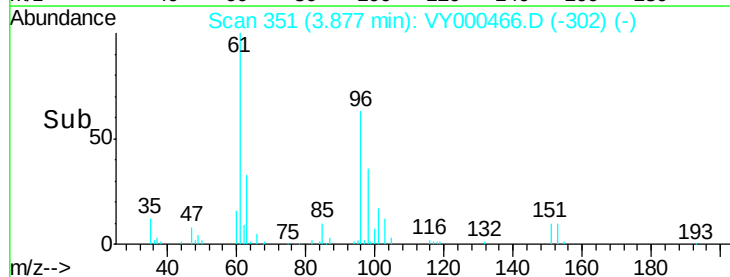
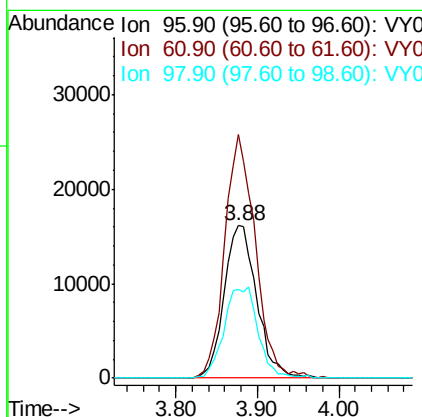
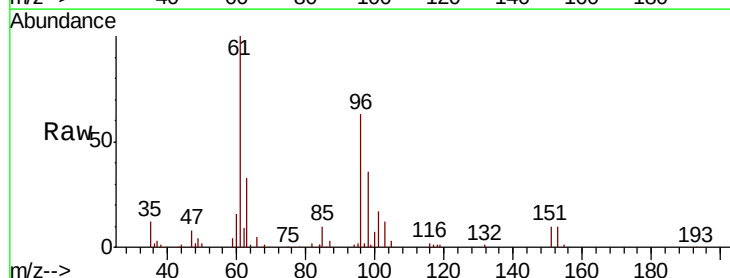
Tot Ion: 59 Resp: 22064
 Ion Ratio Lower Upper
 59 100
 57 5.4 8.2 12.2#

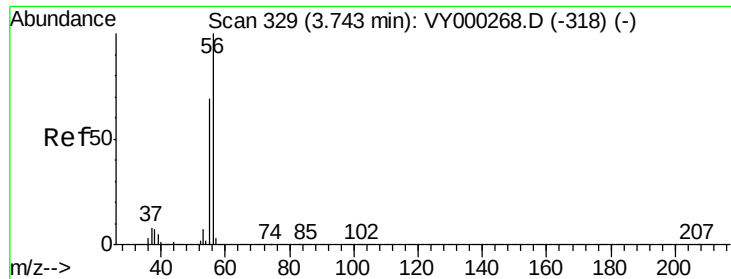


#12

1,1-Dichloroethene
 Concen: 22.677 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

Tgt Ion: 96 Resp: 44293
 Ion Ratio Lower Upper
 96 100
 61 159.8 125.8 188.6
 98 58.2 46.2 69.2





#13

Acrolein

Concen: 73.400 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

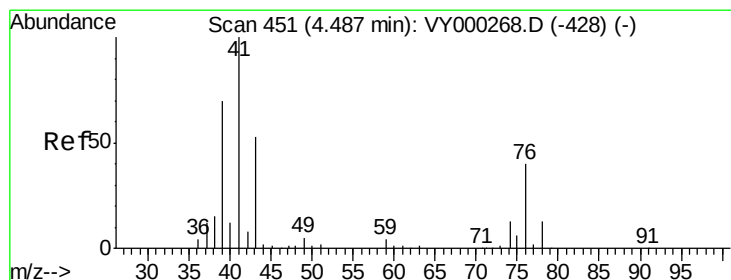
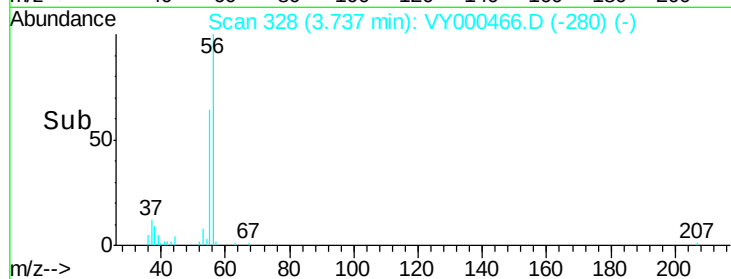
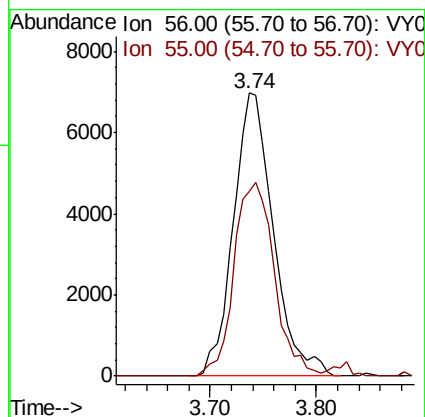
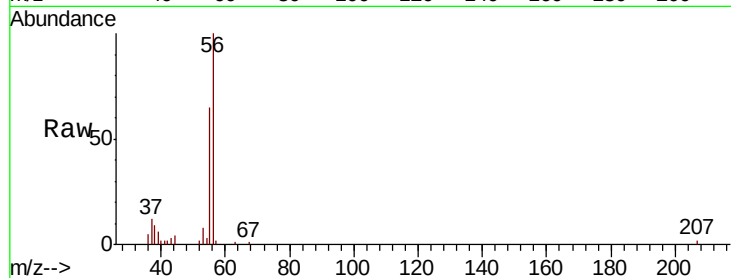
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 18371

Ion Ratio Lower Upper

56 100

55 69.0 55.7 83.5



#14

Allyl chloride

Concen: 22.658 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

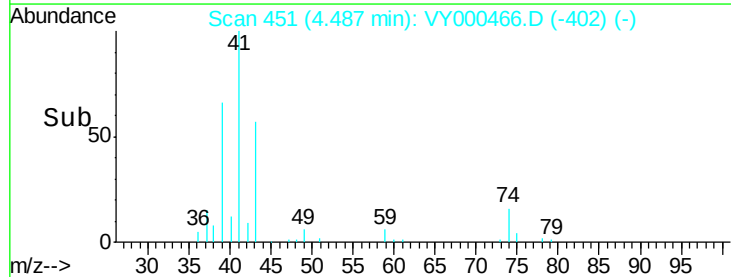
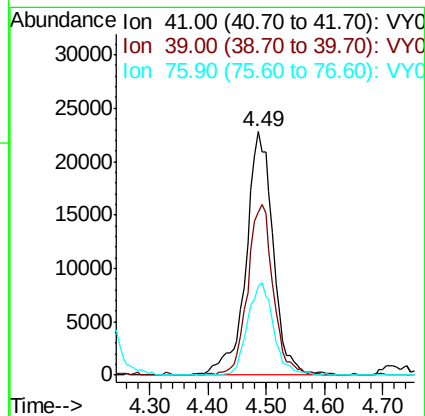
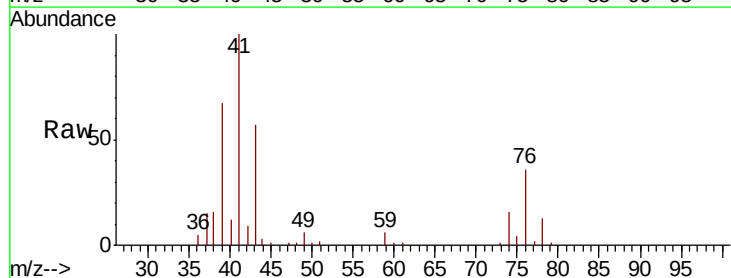
Tgt Ion: 41 Resp: 73337

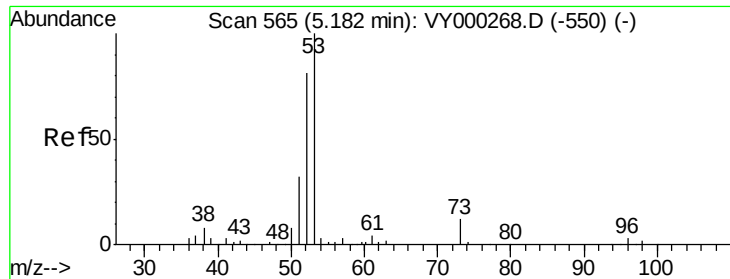
Ion Ratio Lower Upper

41 100

39 65.8 54.0 81.0

76 36.2 30.7 46.1





#15

Acrylonitrile

Concen: 109.641 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

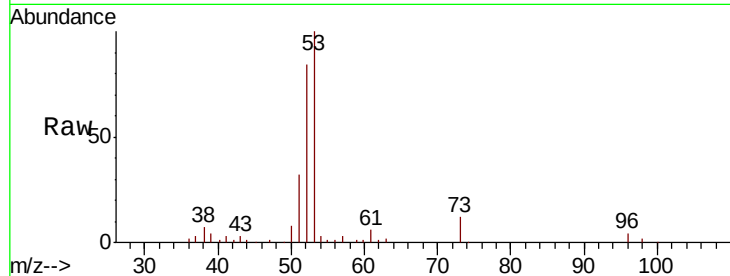
Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 53 Resp: 70726

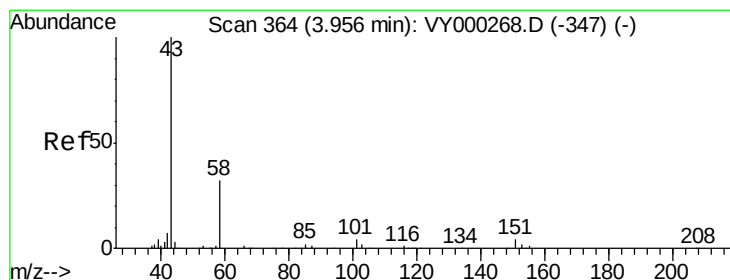
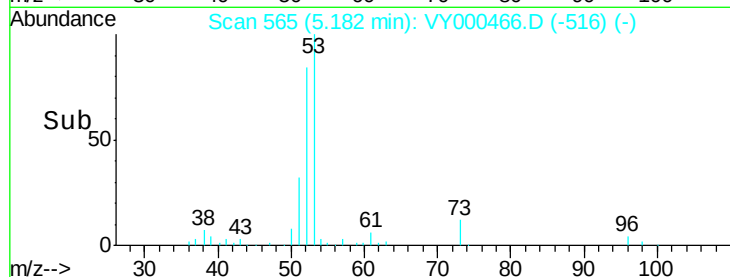
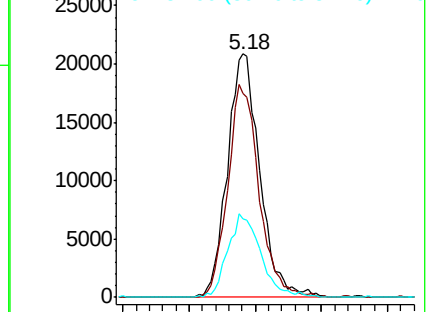
Ion	Ratio	Lower	Upper
53	100		
52	84.3	62.9	94.3
51	35.0	26.9	40.3



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: 104.309 ug/l

RT: 3.96 min Scan# 365

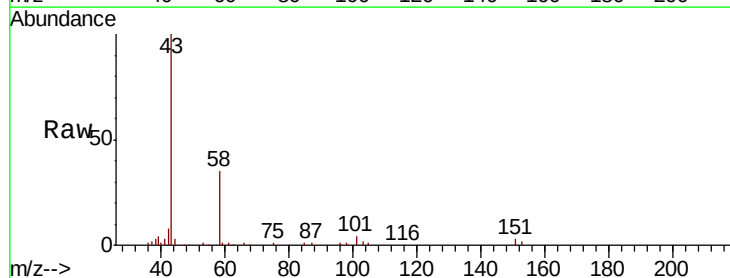
Delta R.T. 0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

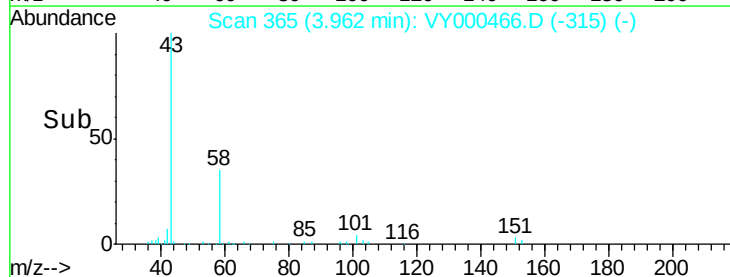
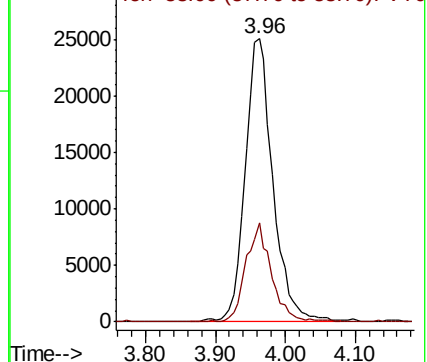
Tgt Ion: 43 Resp: 68909

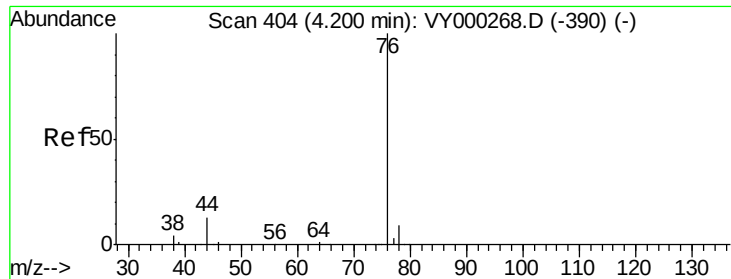
Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.8	38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.126 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

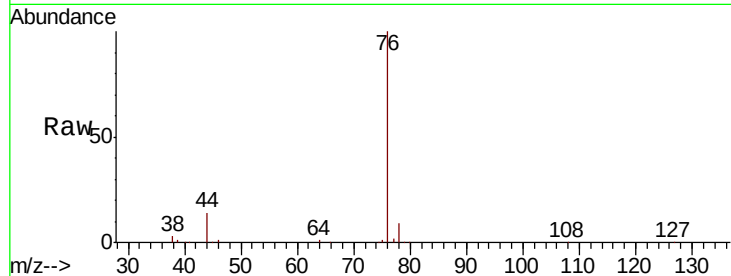
ClientSampleId :

Tot Ion: 76 Resp: 123766

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

50000

40000

30000

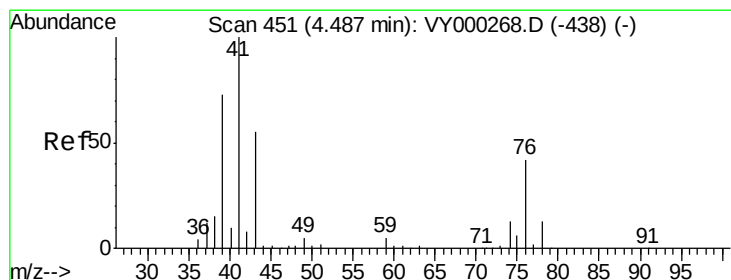
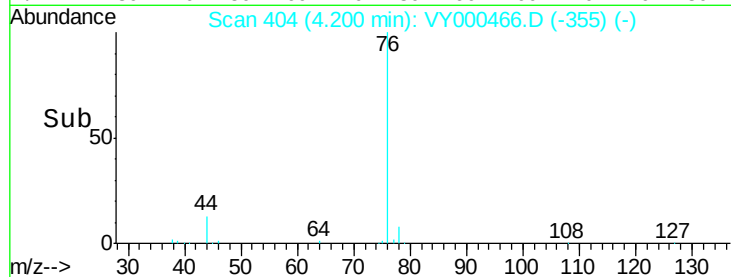
20000

10000

0

Time-->

4.10 4.20 4.30



#18

Methyl Acetate

Concen: 23.937 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000466.D

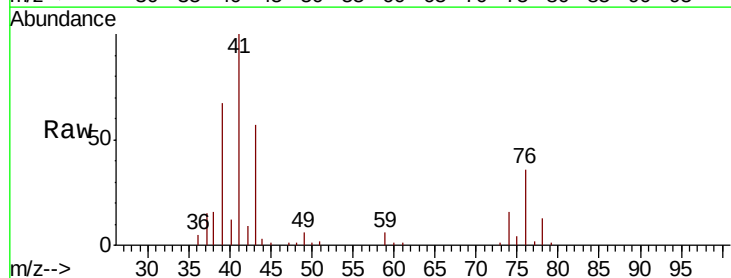
Acq: 29 Oct 2019 12:00

Tgt Ion: 43 Resp: 39290

Ion Ratio Lower Upper

43 100

74 24.8 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

15000

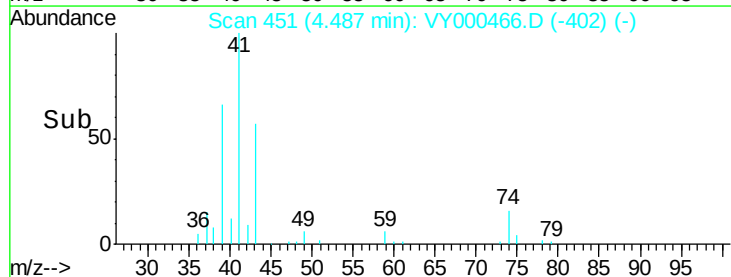
10000

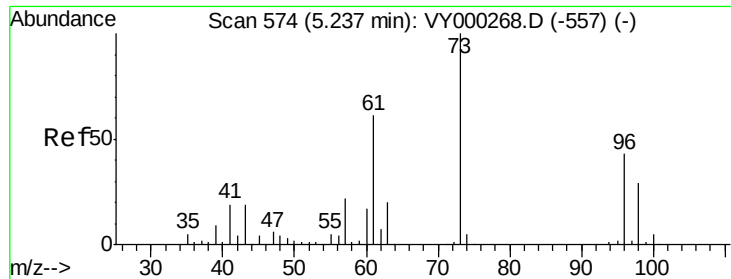
5000

0

Time-->

4.40 4.50 4.60

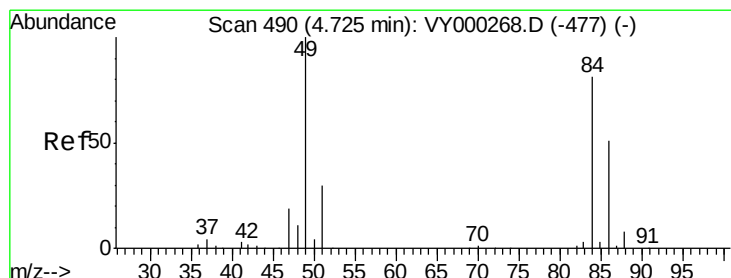
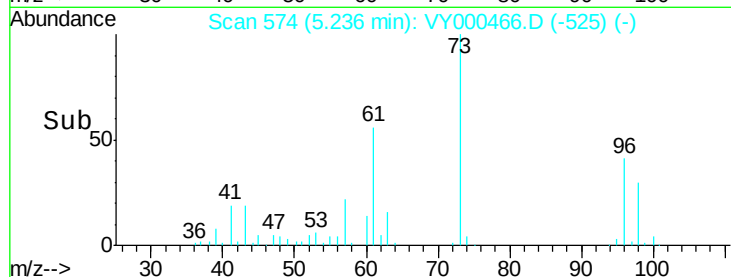
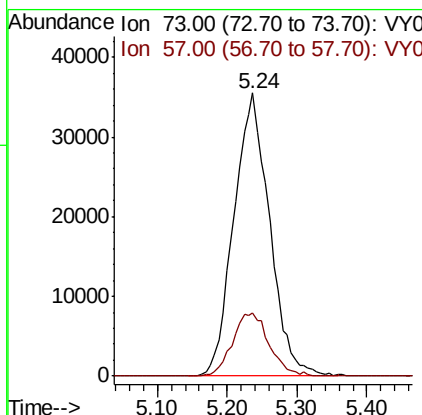
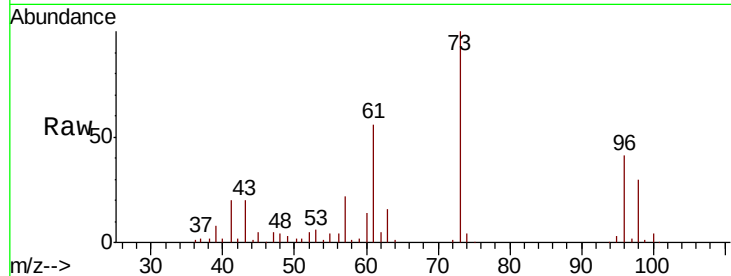




#19
Methyl tert-butyl Ether
Concen: 23.130 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

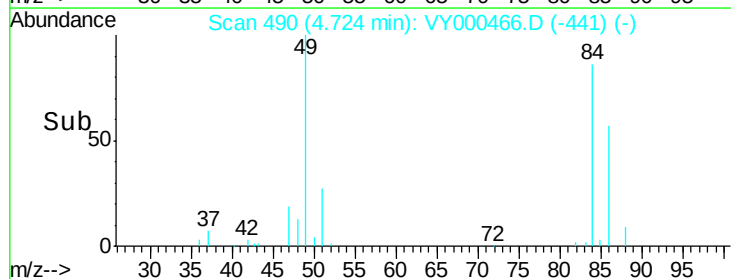
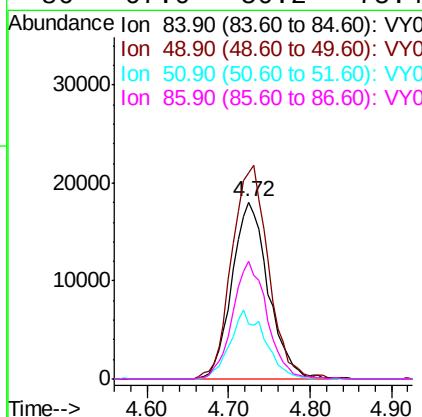
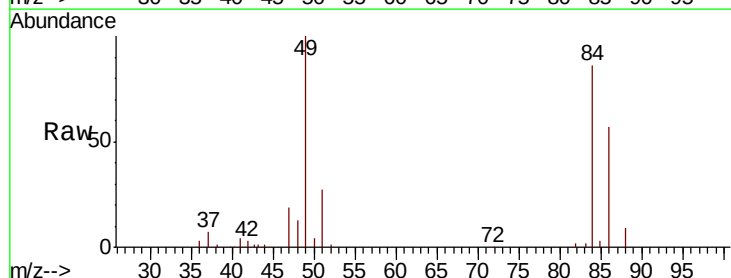
Instrument :
MSVOA_Y
ClientSampled :

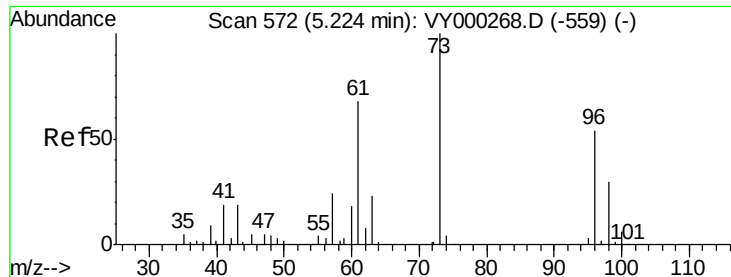
Tot Ion: 73 Resp: 125763
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0



#20
Methylene Chloride
Concen: 21.979 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion: 84 Resp: 55704
Ion Ratio Lower Upper
84 100
49 116.9 99.0 148.4
51 31.4 29.3 43.9
86 67.0 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 22.157 ug/l

RT: 5.23 min Scan# 573

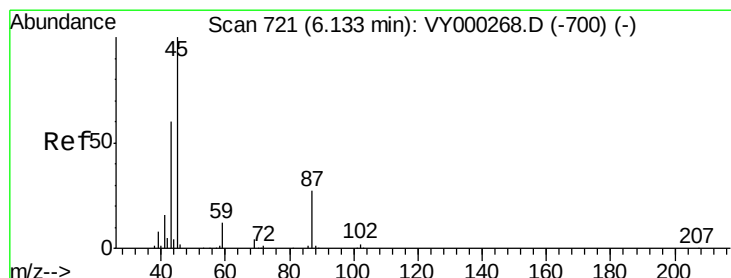
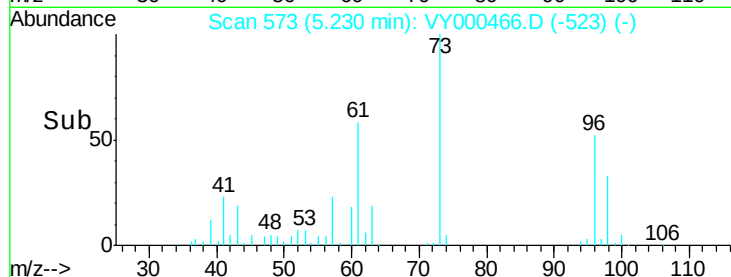
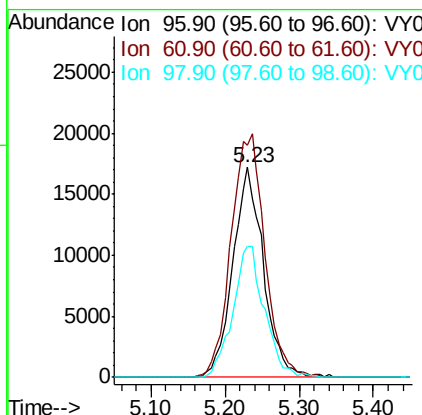
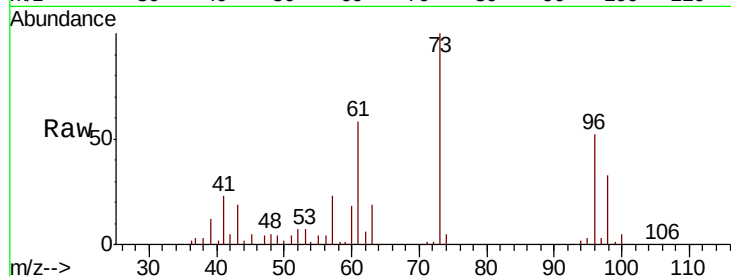
Delta R.T. 0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	96	Resp:	49651
Ion	Ratio	Lower	Upper
96	100		
61	110.8	100.4	150.6
98	62.4	44.6	66.8



#22

Diisopropyl ether

Concen: 23.424 ug/l

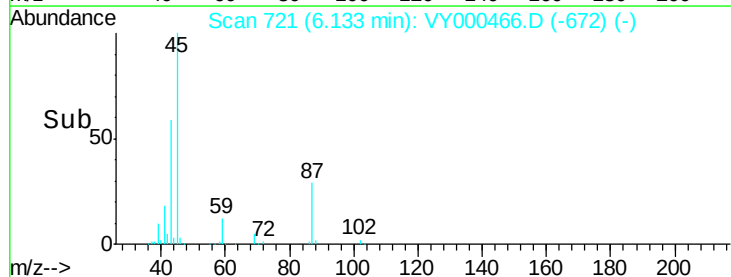
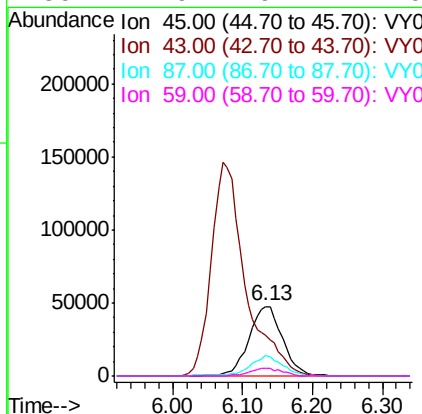
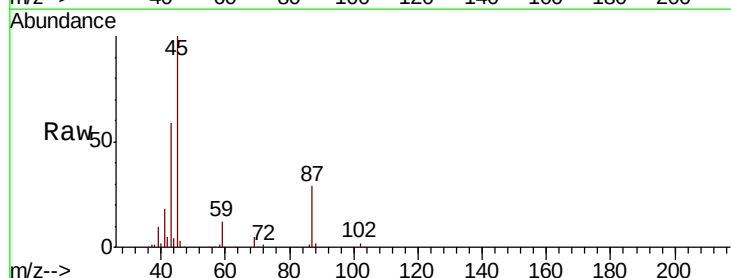
RT: 6.13 min Scan# 721

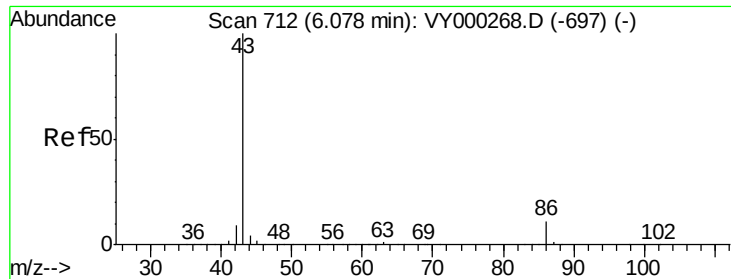
Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Tgt Ion:	45	Resp:	160356
Ion	Ratio	Lower	Upper
45	100		
43	58.8	48.5	72.7
87	29.0	21.5	32.3
59	11.9	9.4	14.0





#23

Vinyl Acetate

Concen: 111.420 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

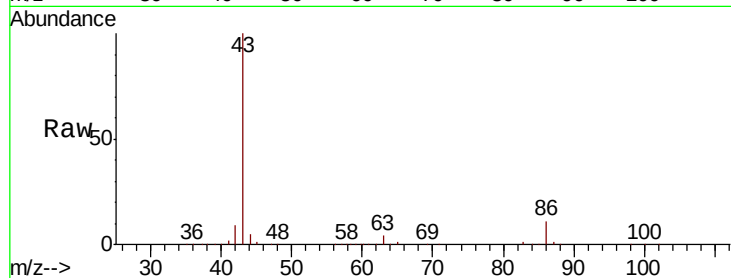
ClientSampled :

Tot Ion: 43 Resp: 497616

Ion Ratio Lower Upper

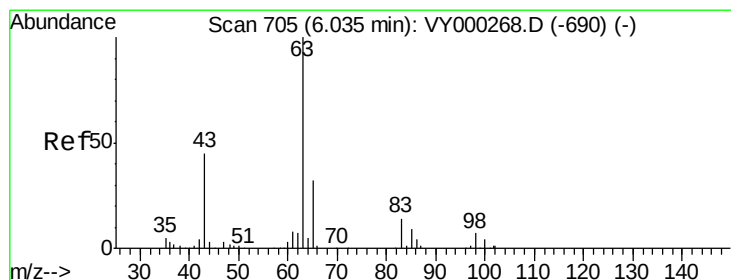
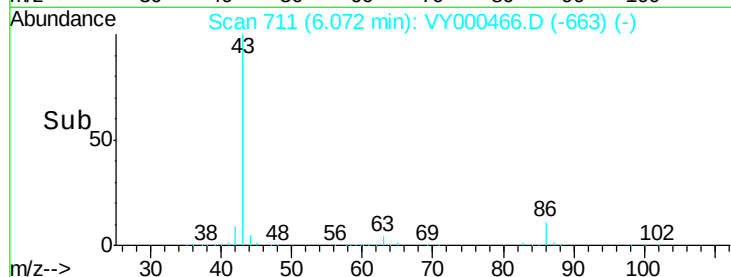
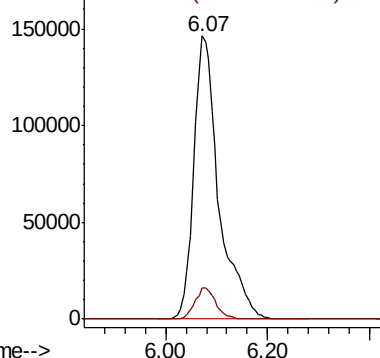
43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.772 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

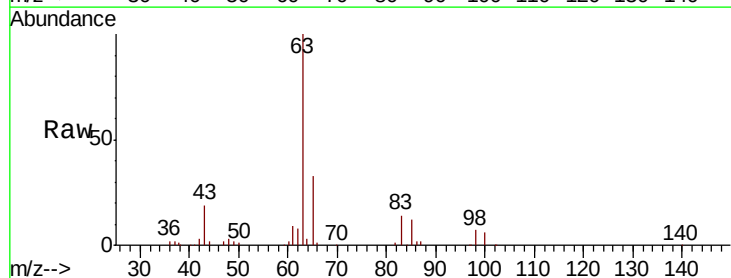
Tgt Ion: 63 Resp: 85093

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

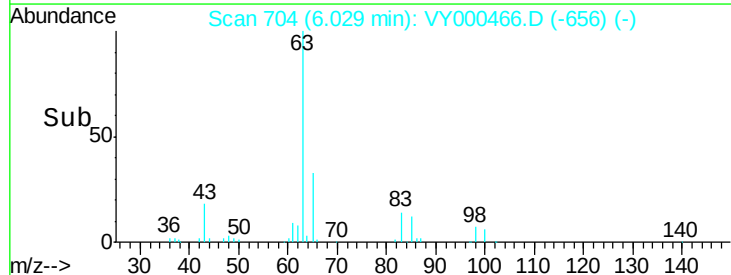
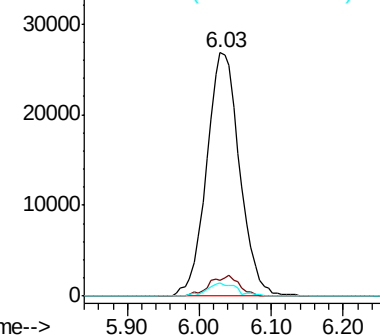
100 5.7 2.1 6.2

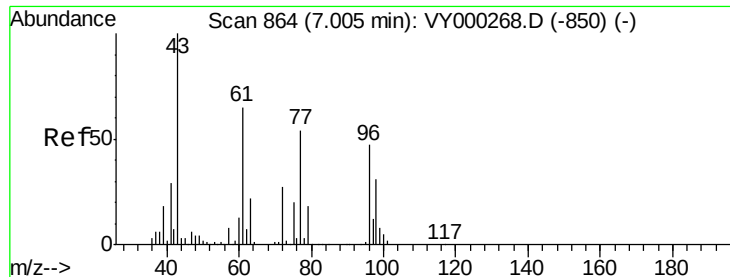


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 113.266 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

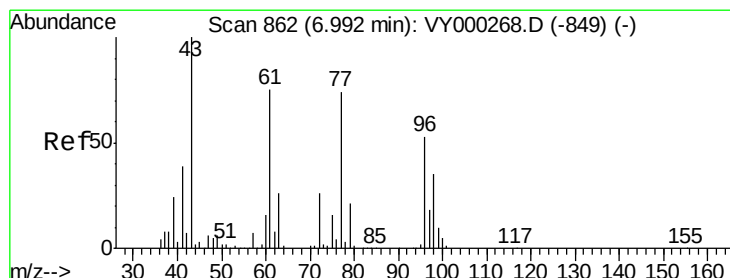
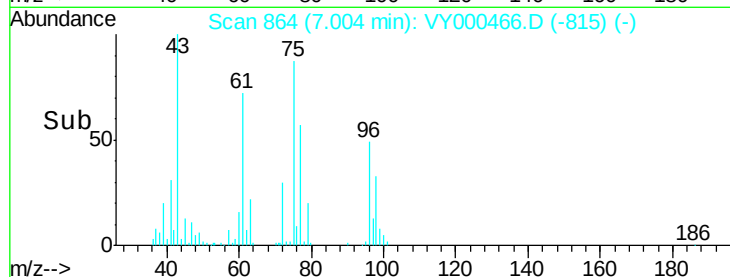
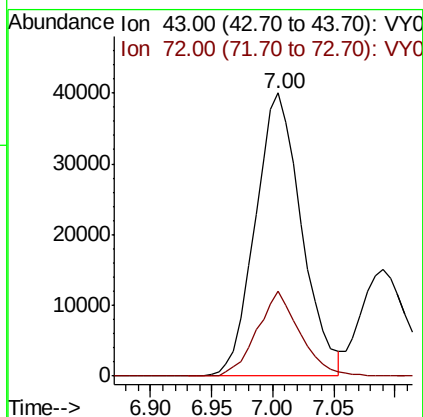
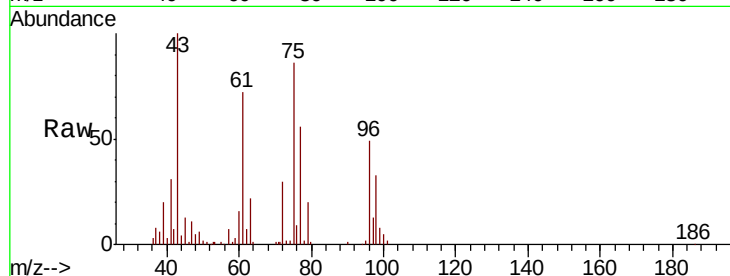
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 105406

Ion Ratio Lower Upper

43 100

72 30.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 23.241 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000466.D

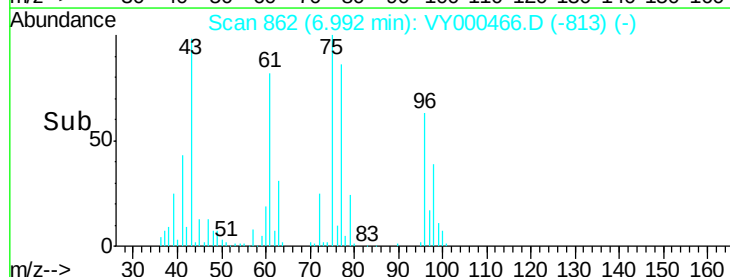
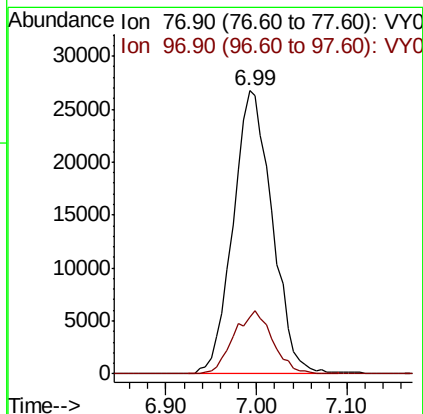
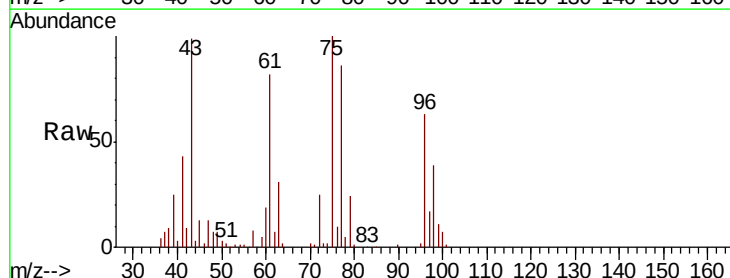
Acq: 29 Oct 2019 12:00

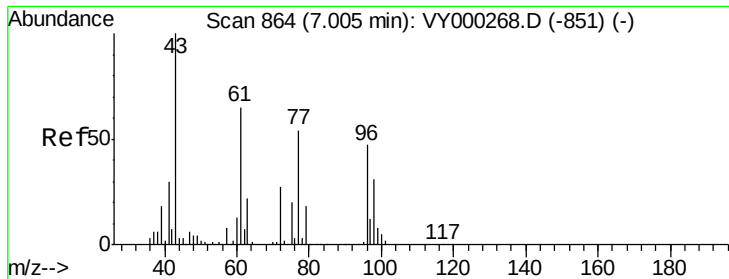
Tgt Ion: 77 Resp: 80023

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.7



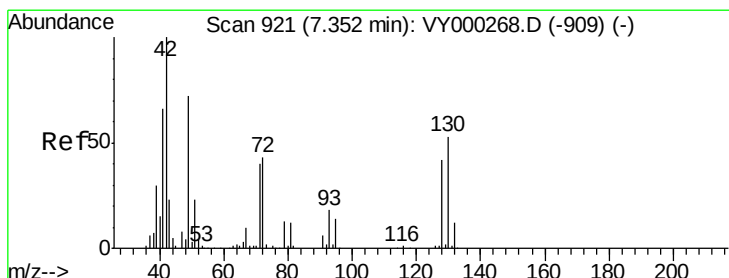
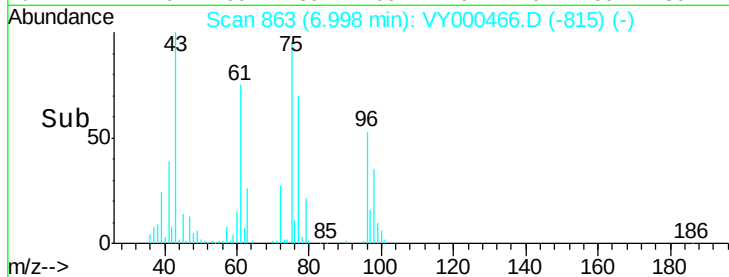
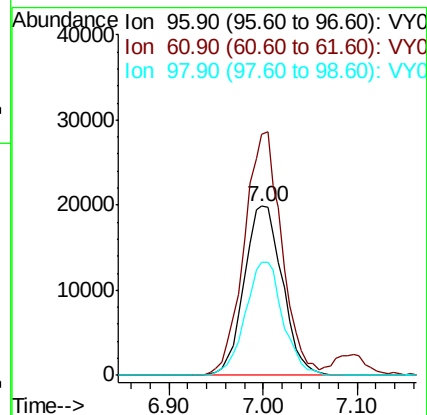
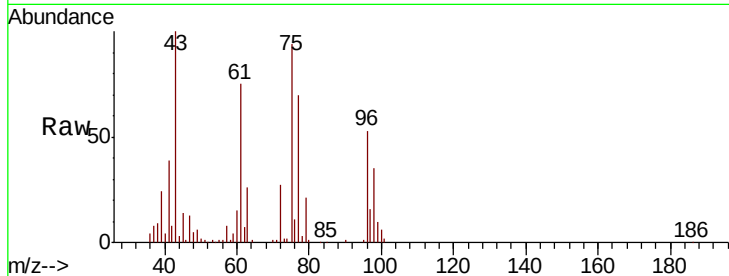


#27

cis-1,2-Dichloroethene
Concen: 23.285 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :

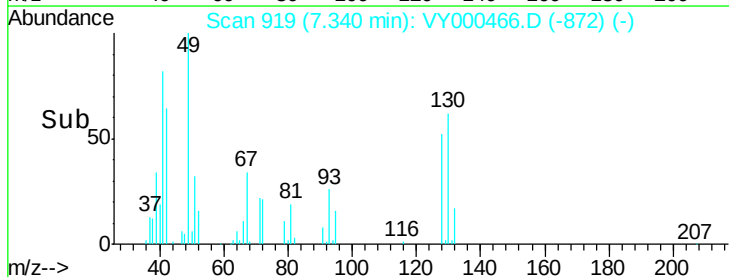
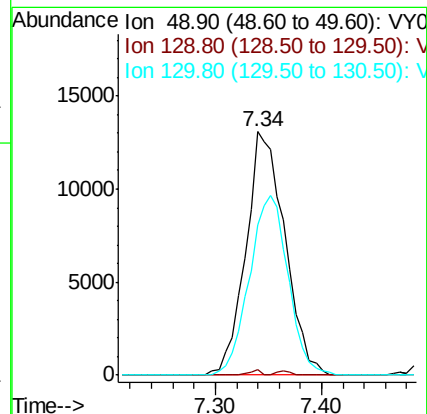
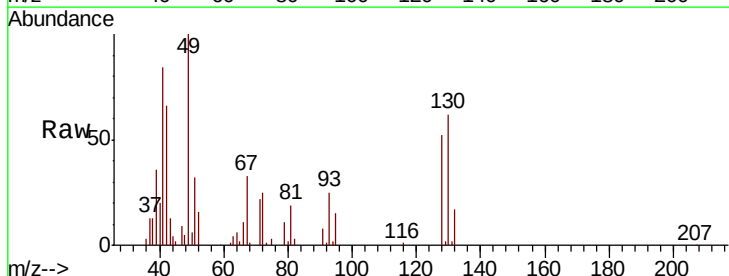
Tot Ion: 96 Resp: 56462
Ion Ratio Lower Upper
96 100
61 141.3 0.0 289.8
98 65.9 0.0 131.8

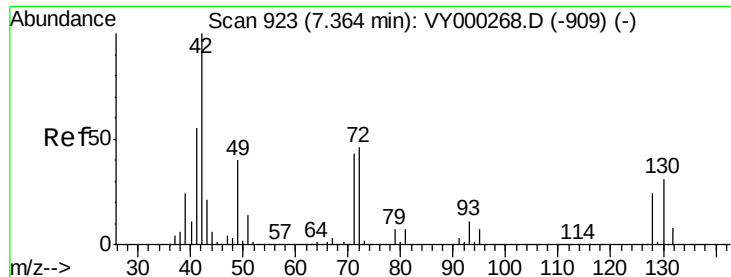


#28

Bromochloromethane
Concen: 20.963 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion: 49 Resp: 33627
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.0
130 73.2 58.2 87.2

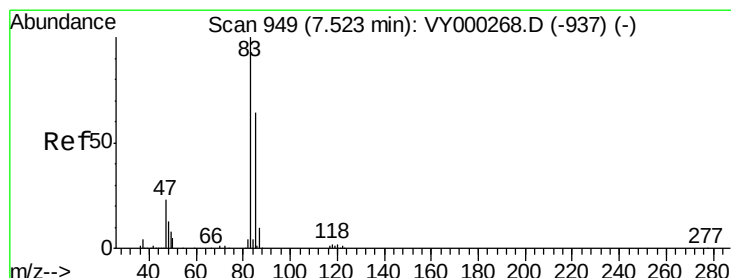
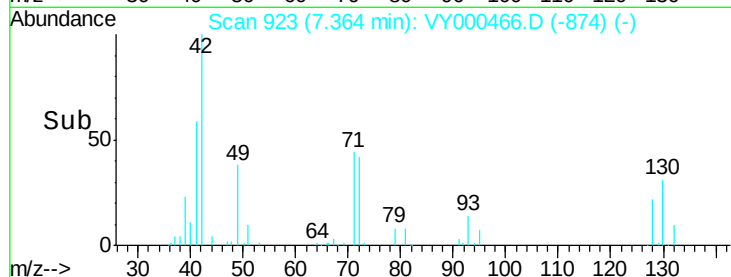
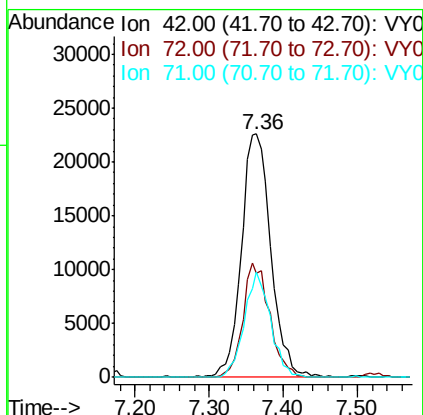
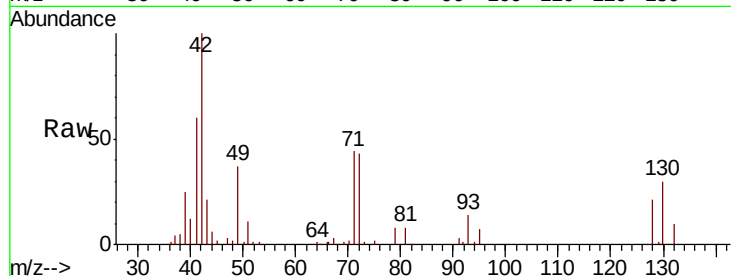




#29
Tetrahydrofuran
Concen: 111.290 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

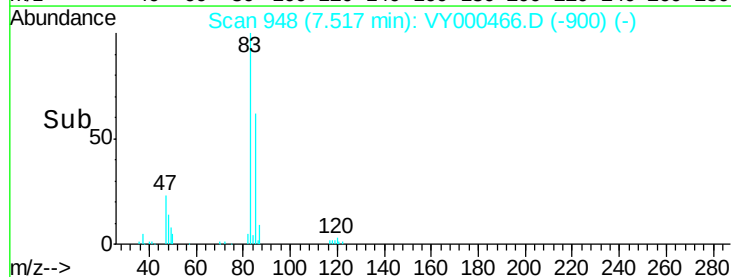
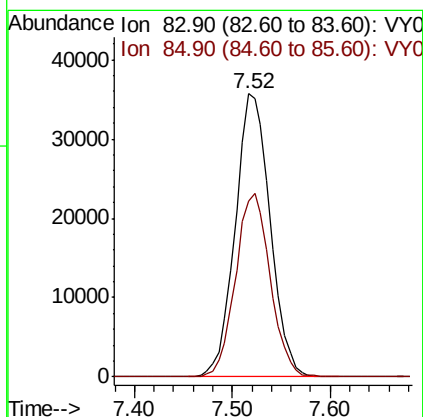
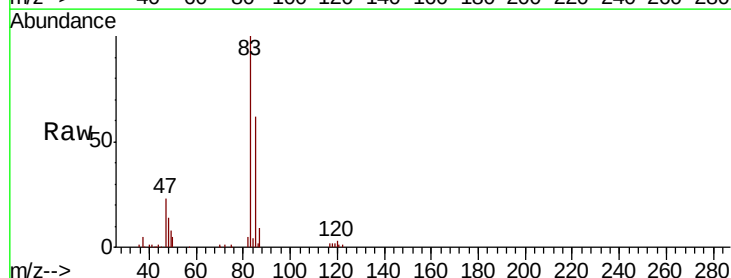
Instrument :
MSVOA_Y
ClientSampled :

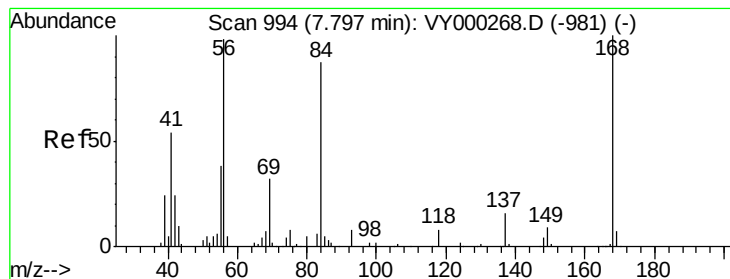
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.5	51.7
71	38.4	32.7	49.1



#30
Chloroform
Concen: 23.446 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.4	77.2





#31

Cyclohexane

Concen: 20.864 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampled :

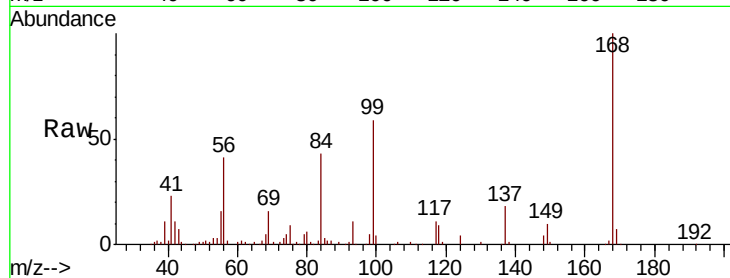
Tot Ion: 56 Resp: 81430

Ion Ratio Lower Upper

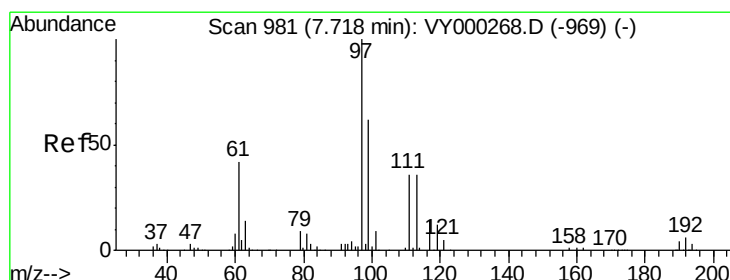
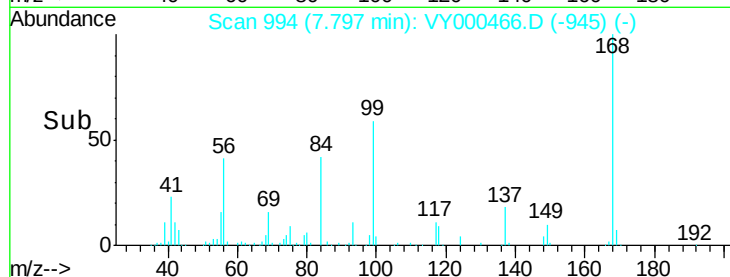
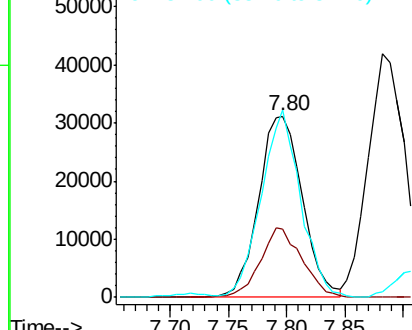
56 100

69 37.7 26.3 39.5

84 100.6 70.8 106.2



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



#32

1,1,1-Trichloroethane

Concen: 22.965 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

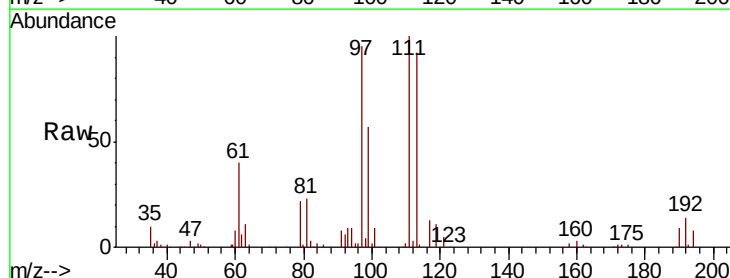
Tgt Ion: 97 Resp: 76832

Ion Ratio Lower Upper

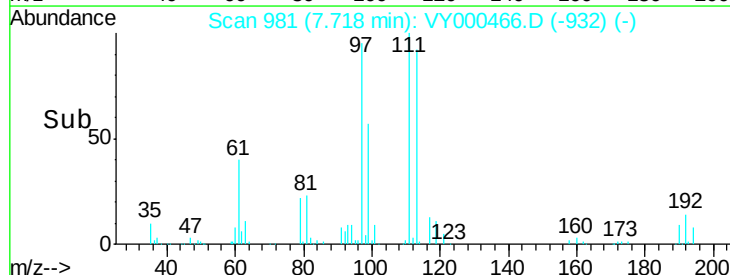
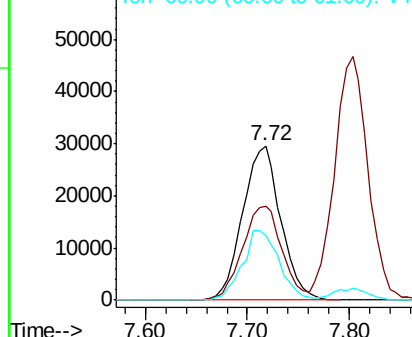
97 100

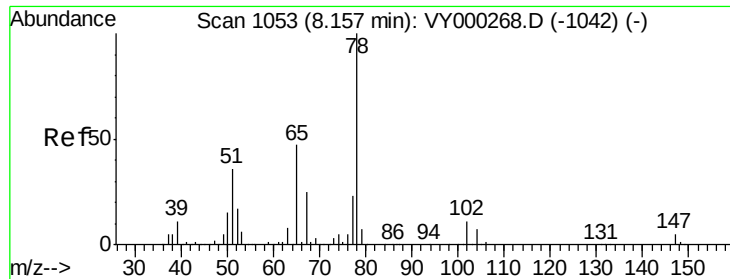
99 63.5 51.7 77.5

61 43.7 34.5 51.7



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

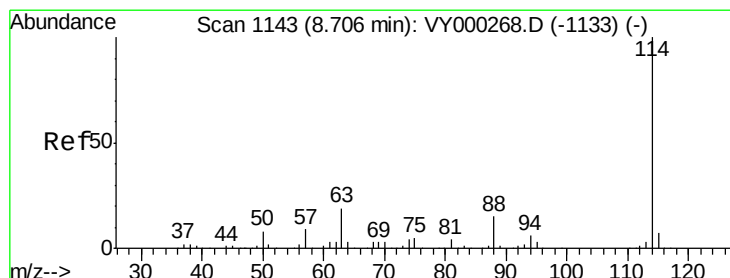
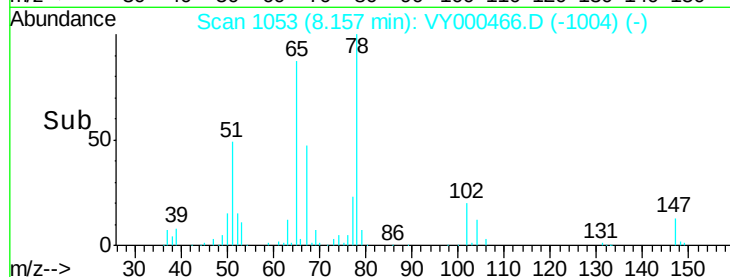
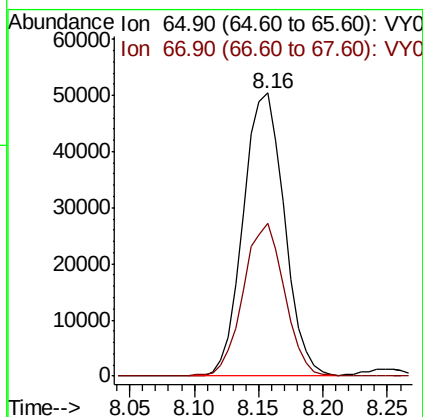
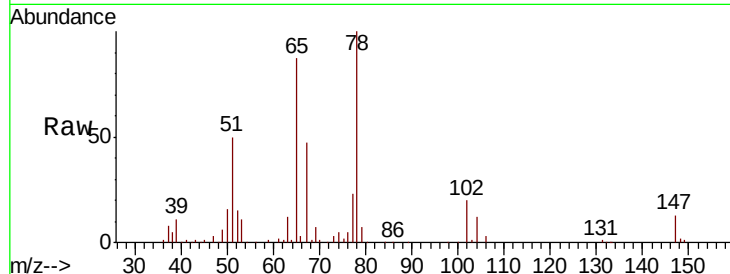




#33
 1,2-Dichloroethane-d4
 Concen: 54.650 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

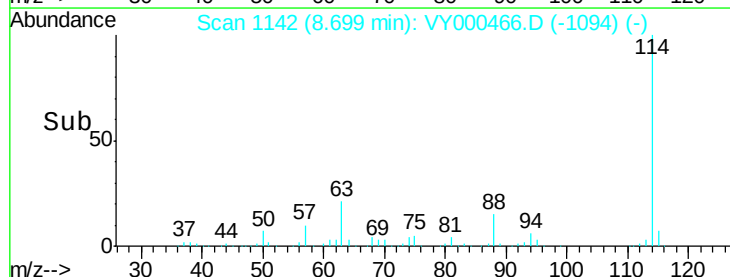
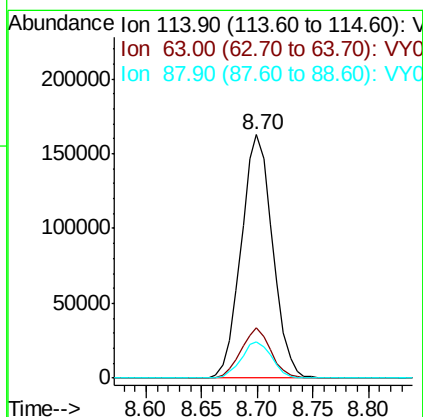
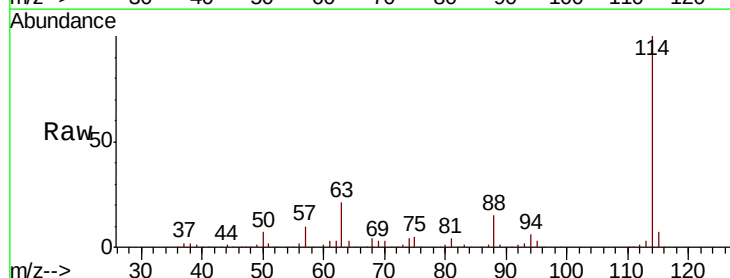
Instrument :
 MSVOA_Y
 ClientSampled :

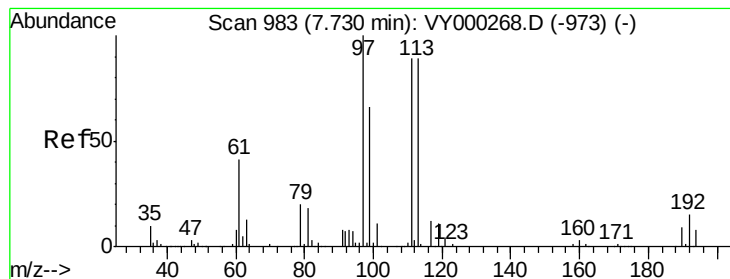
Tot Ion: 65 Resp: 111484
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

Tgt Ion: 114 Resp: 318540
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.2
 88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.124 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

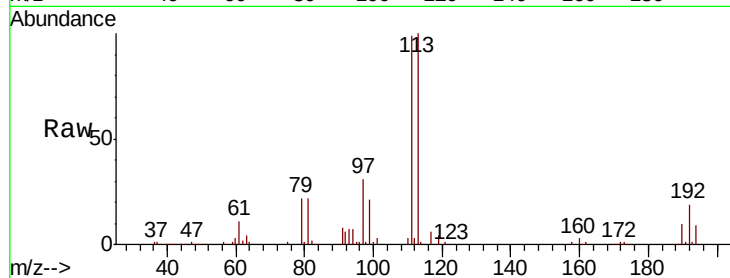
Tot Ion:113 Resp: 102075

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

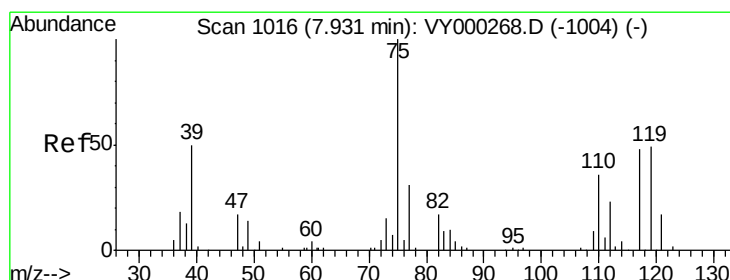
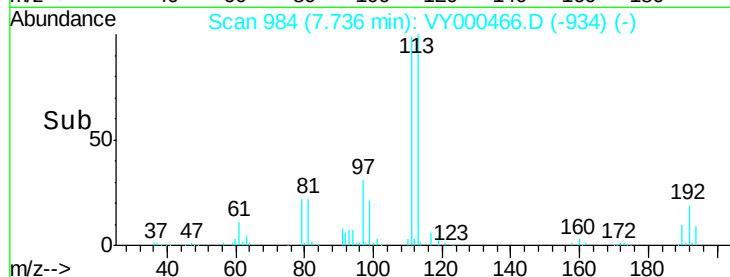
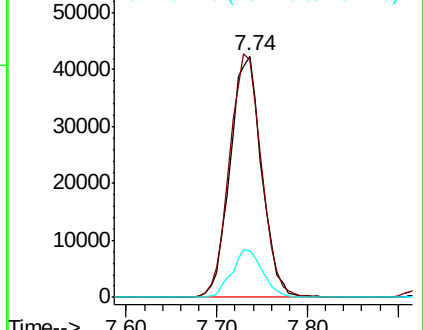
192 19.5 15.3 22.9



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: 21.960 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

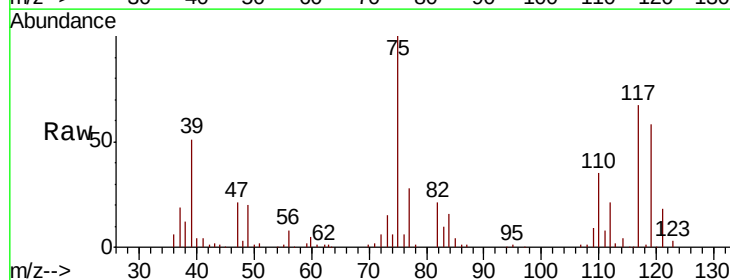
Tgt Ion: 75 Resp: 68488

Ion Ratio Lower Upper

75 100

110 36.5 18.4 55.4

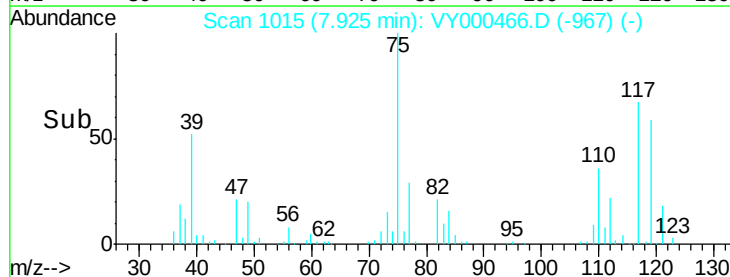
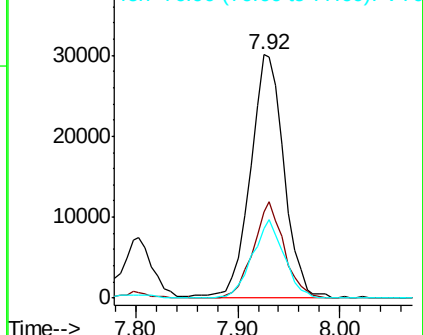
77 30.7 25.0 37.6

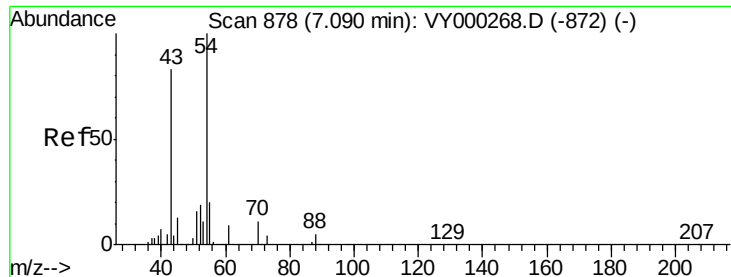


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

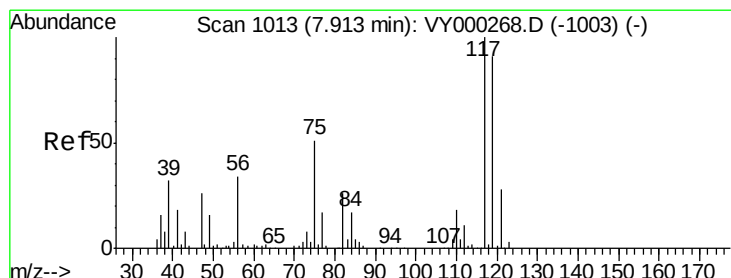
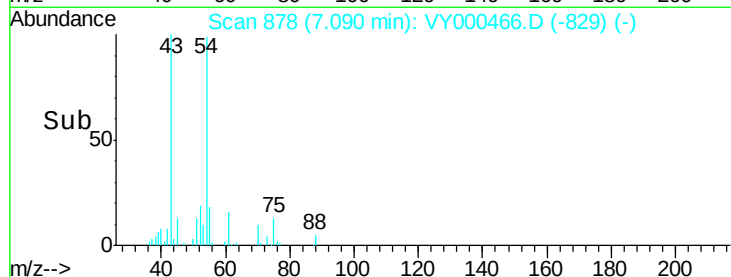
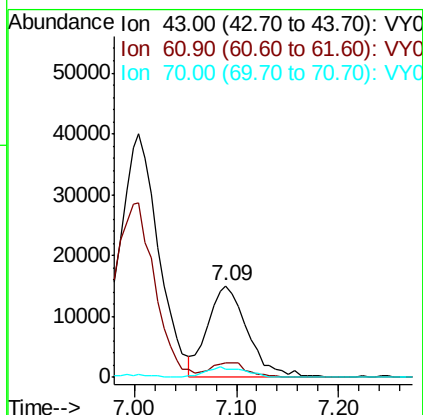
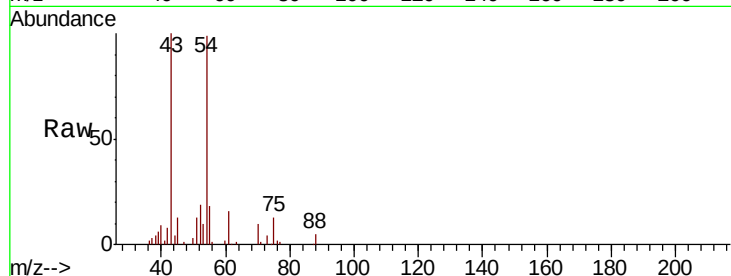




#37
Ethyl Acetate
Concen: 22.326 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

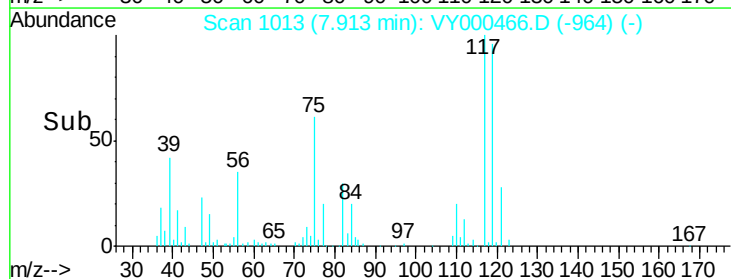
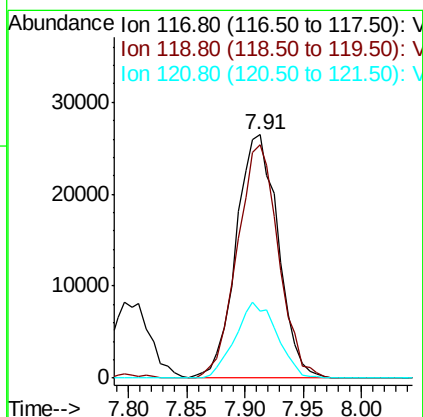
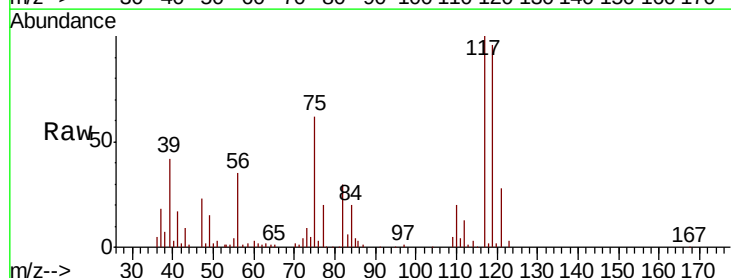
Instrument :
MSVOA_Y
ClientSampleId :

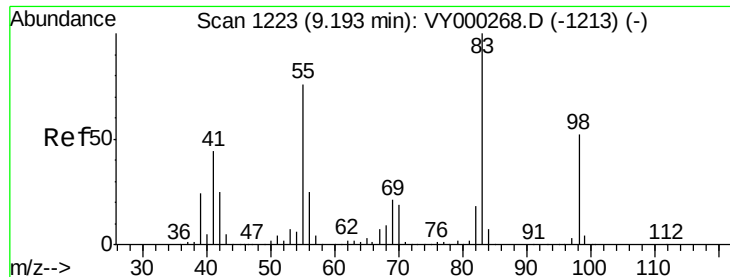
Tot Ion: 43 Resp: 41228
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 11.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 21.995 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion: 117 Resp: 66417
Ion Ratio Lower Upper
117 100
119 95.9 72.8 109.2
121 27.6 22.2 33.2

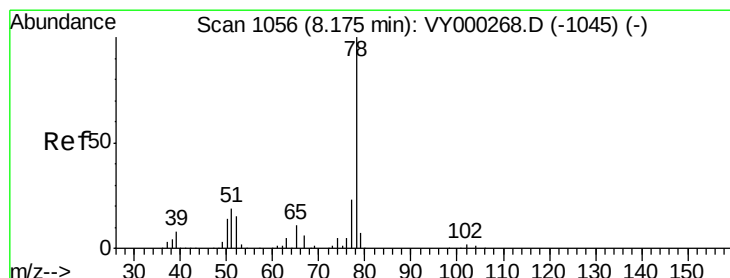
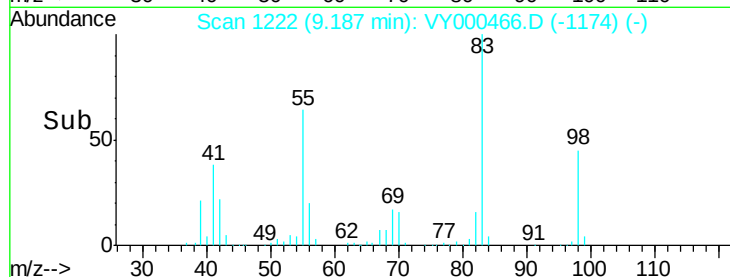
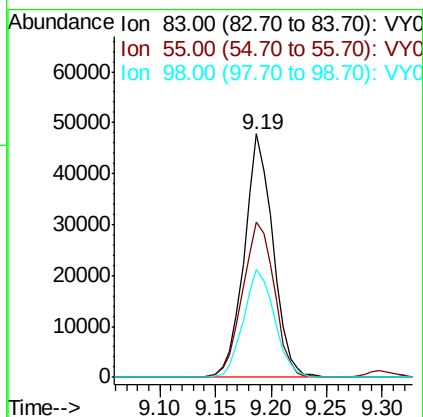
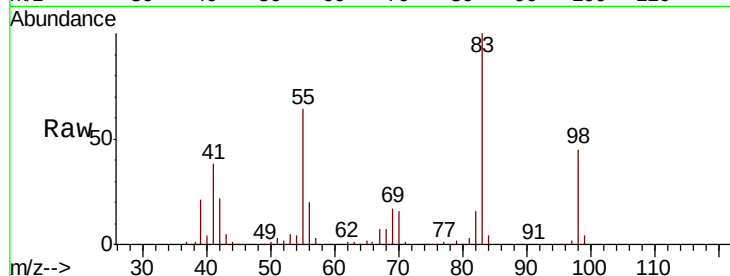




#39
Methylvlcyclohexane
Concen: 21.049 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

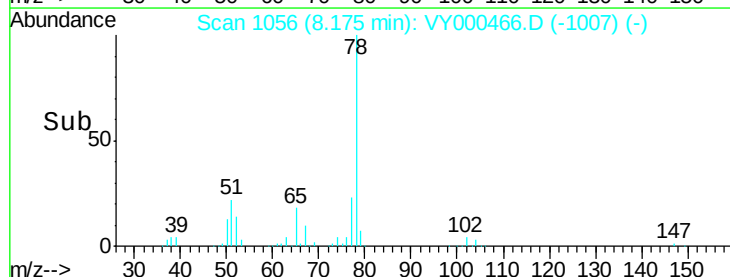
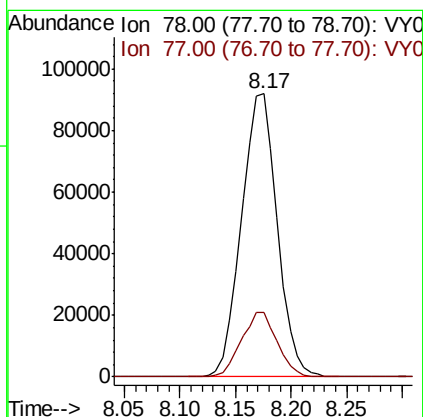
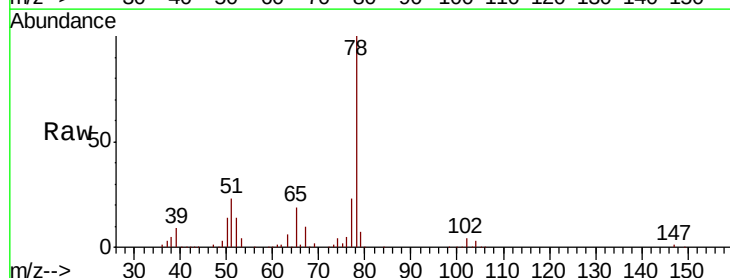
Instrument :
MSVOA_Y
ClientSampleId :

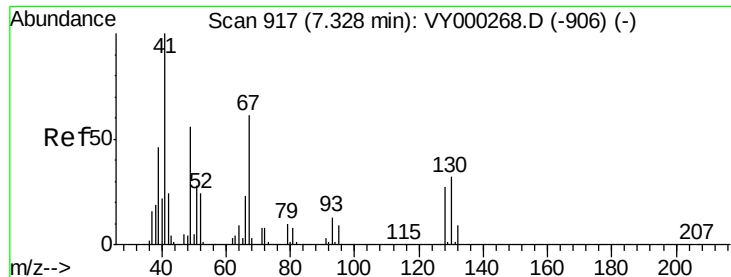
Tot Ion: 83 Resp: 85918
Ion Ratio Lower Upper
83 100
55 63.6 60.9 91.3
98 44.5 41.8 62.6



#40
Benzene
Concen: 22.752 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion: 78 Resp: 205053
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2

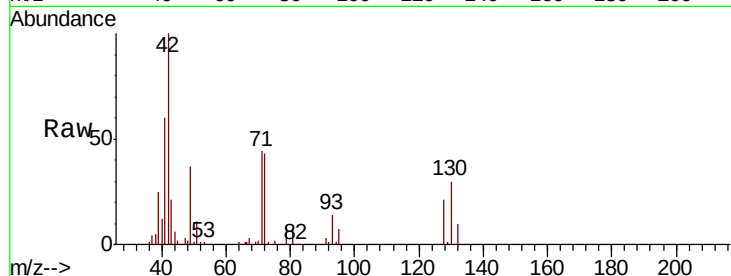




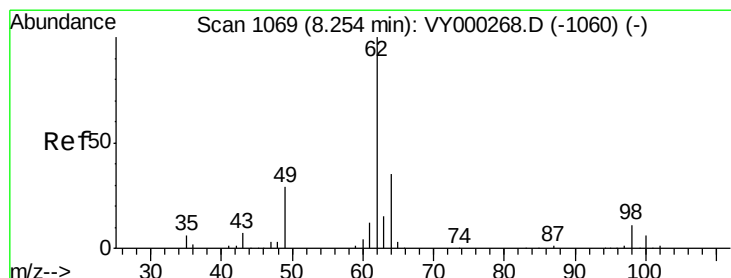
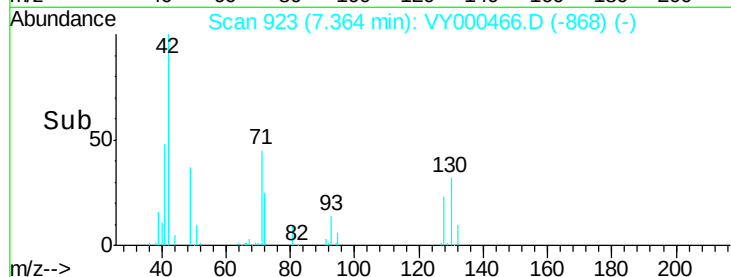
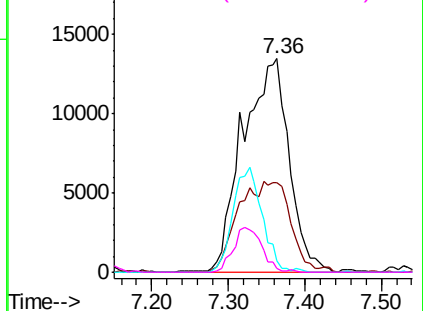
#41
Methacrylonitrile
Concen: 64.327 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.04 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 56544
Ion Ratio Lower Upper
41 100
39 47.6 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

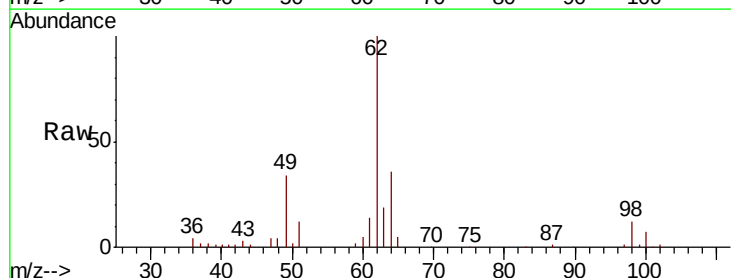


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

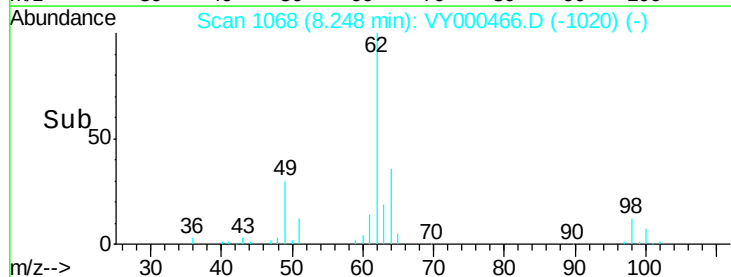
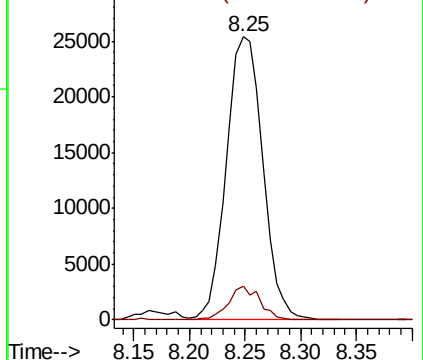


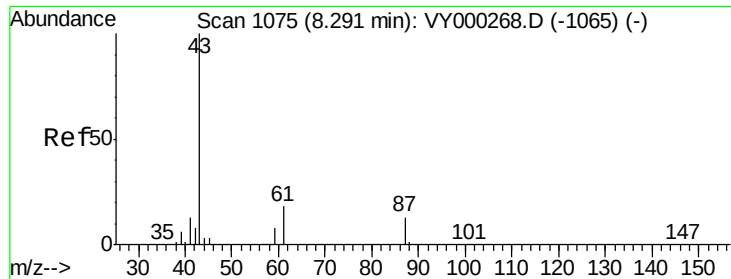
#42
1,2-Dichloroethane
Concen: 22.412 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion: 62 Resp: 57699
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: 22.277 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

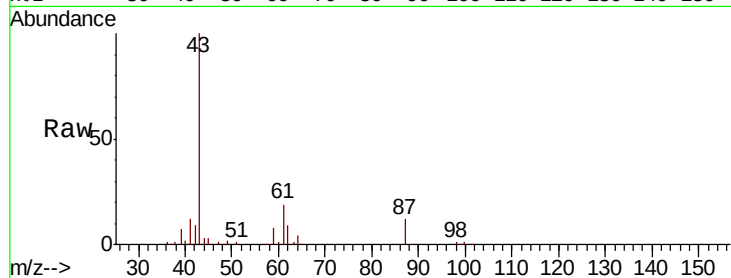
Tot Ion: 43 Resp: 78221

Ion Ratio Lower Upper

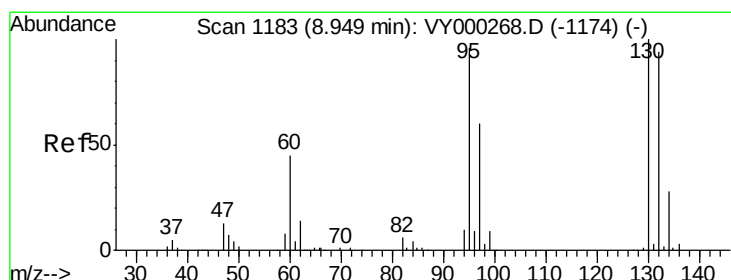
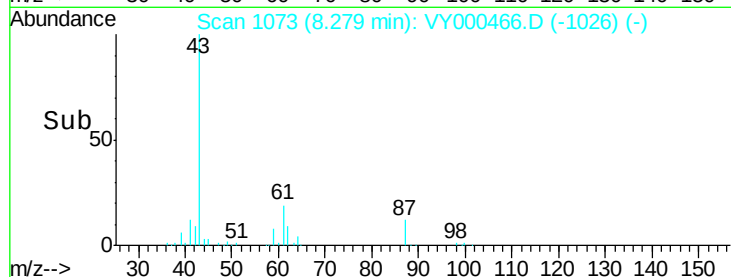
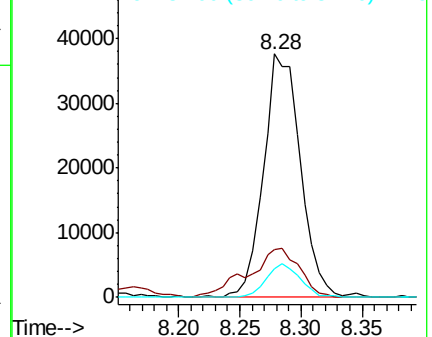
43 100

61 28.3 22.3 33.5

87 13.1 10.9 16.3



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



#44

Trichloroethene

Concen: 21.462 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000466.D

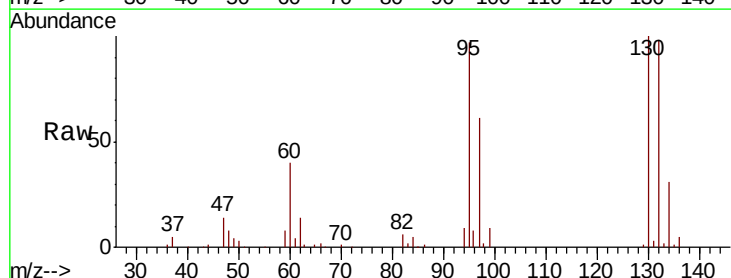
Acq: 29 Oct 2019 12:00

Tgt Ion:130 Resp: 54273

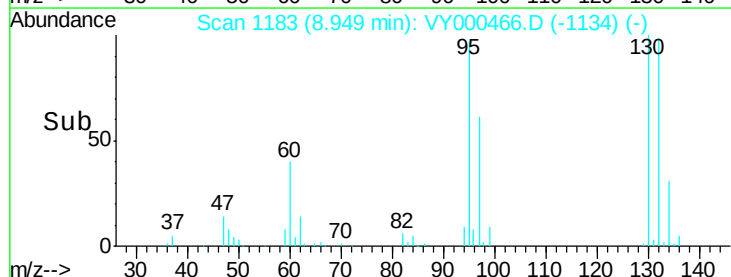
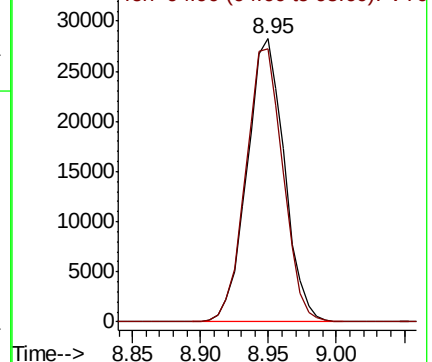
Ion Ratio Lower Upper

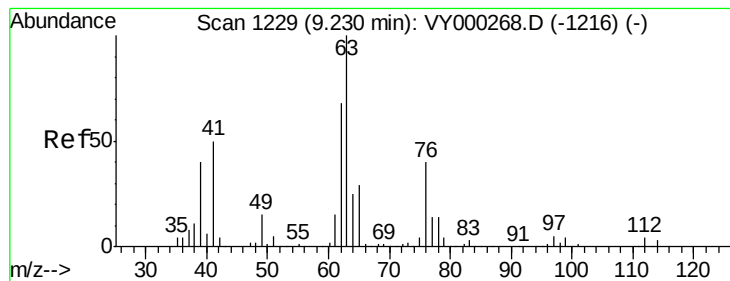
130 100

95 96.7 0.0 191.4



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





#45

1,2-Dichloropropane

Concen: 22.719 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

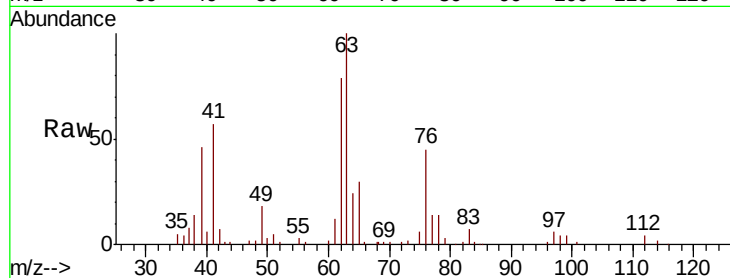
ClientSampled :

Tot Ion: 63 Resp: 50250

Ion Ratio Lower Upper

63 100

65 29.5 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

25000

20000

15000

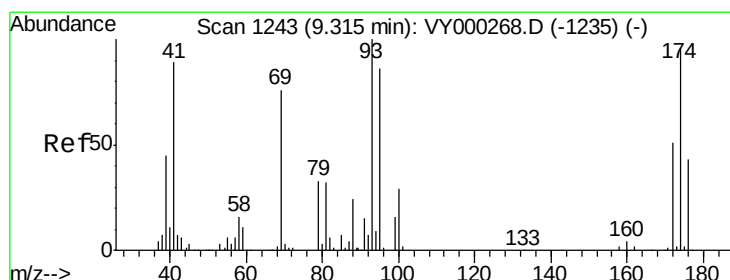
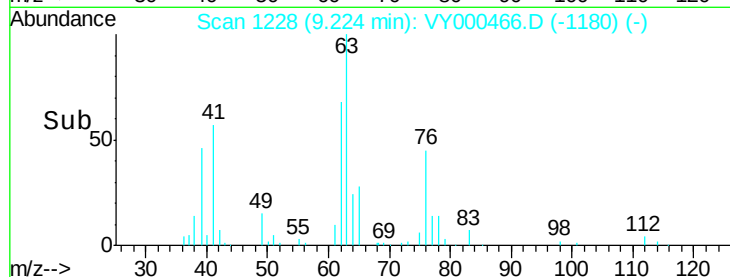
10000

5000

0

Time-->

9.10 9.20 9.30



#46

Dibromomethane

Concen: 22.156 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

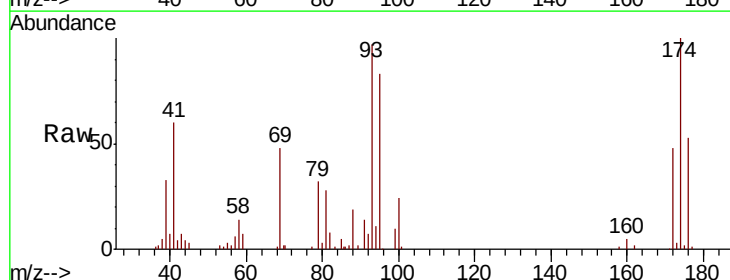
Tgt Ion: 93 Resp: 27394

Ion Ratio Lower Upper

93 100

95 86.3 68.2 102.2

174 102.5 79.8 119.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

20000

15000

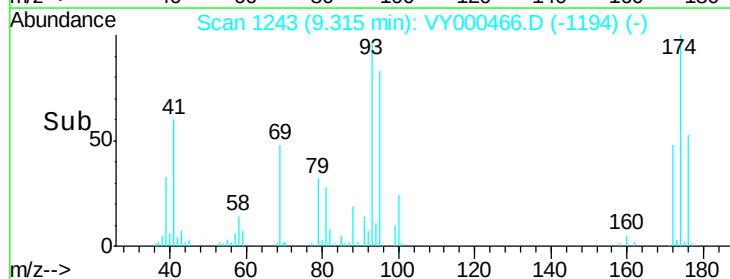
10000

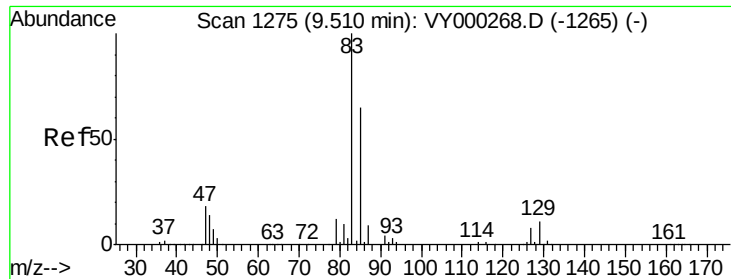
5000

0

Time-->

9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 22.718 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampled :

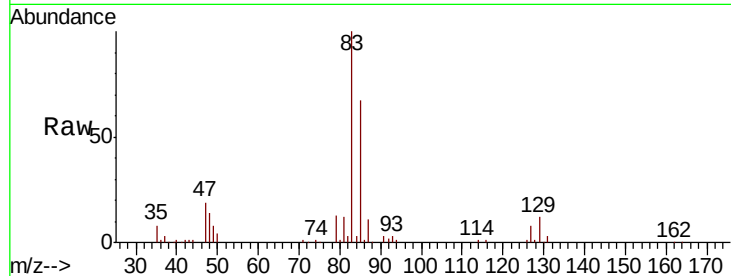
Tot Ion: 83 Resp: 66196

Ion Ratio Lower Upper

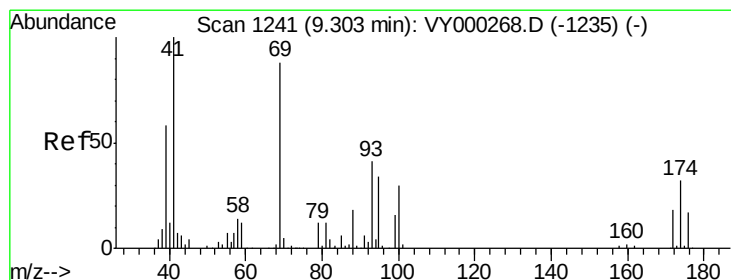
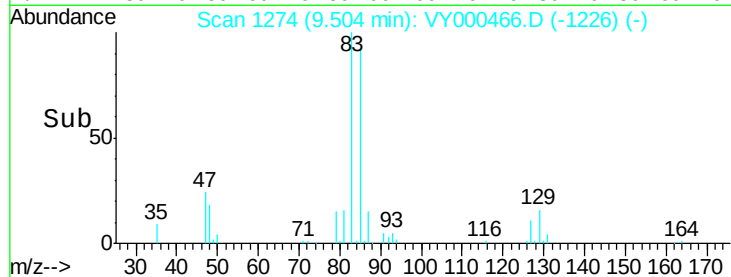
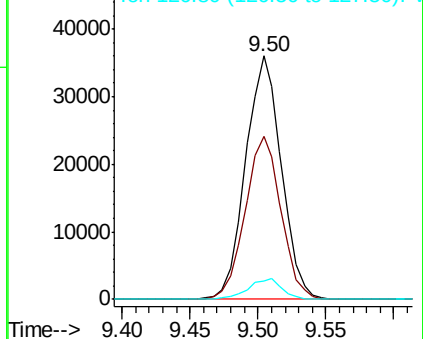
83 100

85 66.7 52.2 78.2

127 7.8 6.3 9.5



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



#48

Methyl methacrylate

Concen: 22.564 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

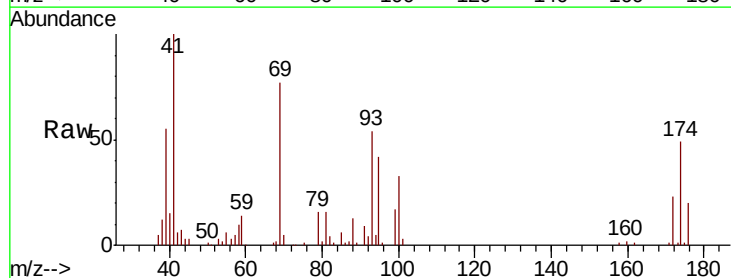
Tgt Ion: 41 Resp: 34722

Ion Ratio Lower Upper

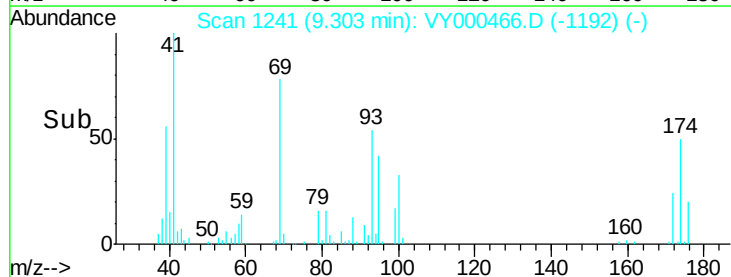
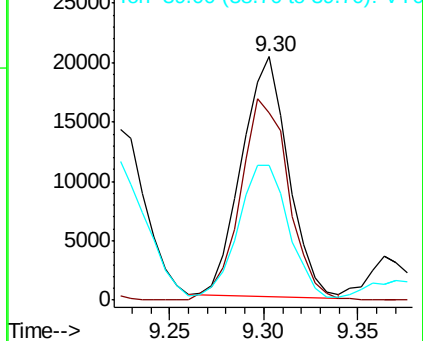
41 100

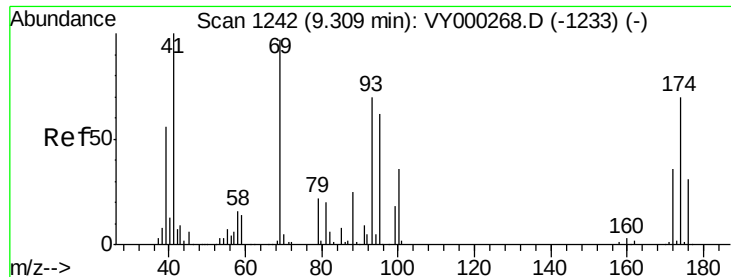
69 86.9 70.0 105.0

39 61.9 47.7 71.5



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

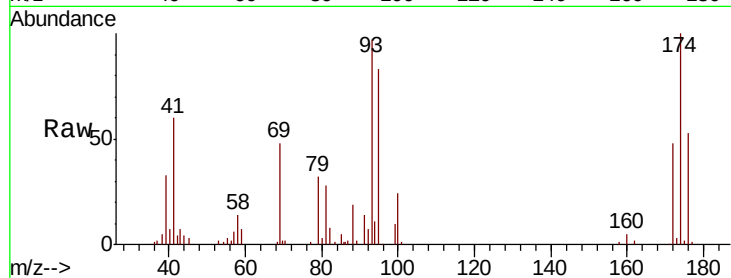




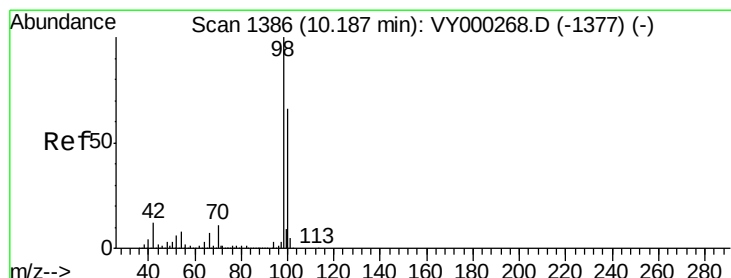
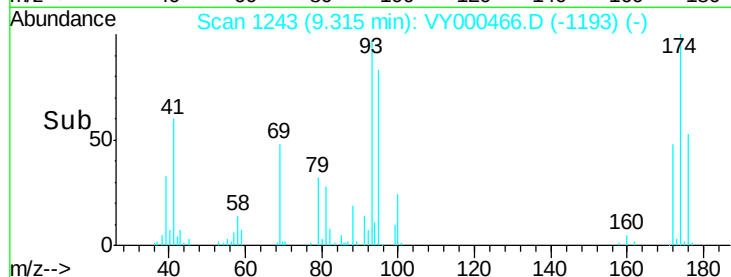
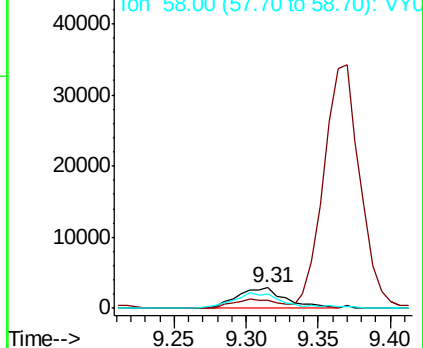
#49
1,4-Dioxane
Concen: 369.988 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 6859
Ion Ratio Lower Upper
88 100
43 39.9 25.6 38.4#
58 72.9 54.6 81.8

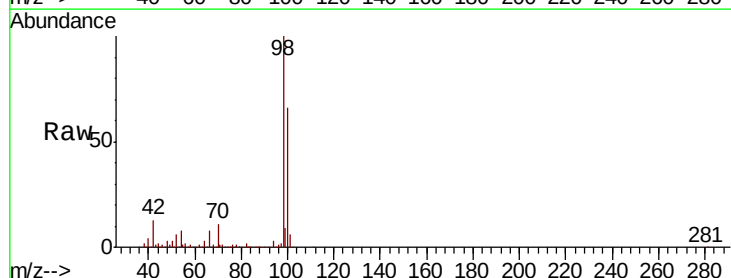


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

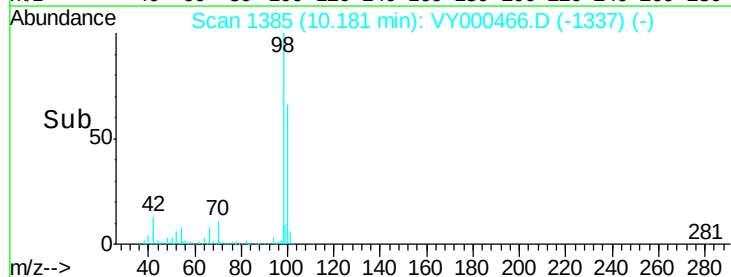
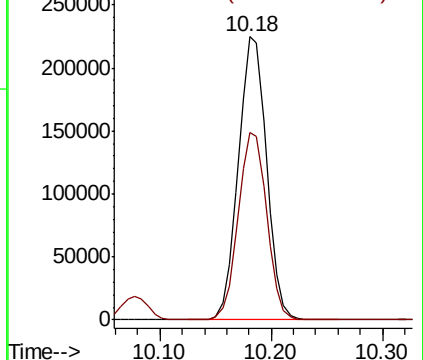


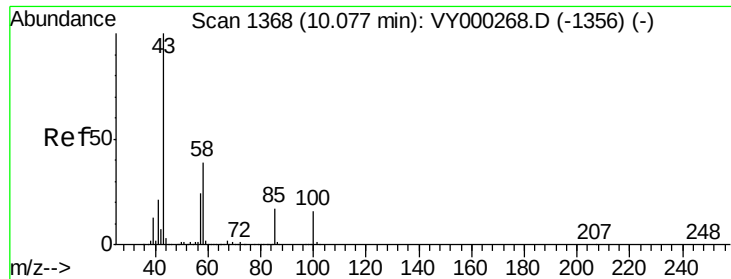
#50
Toluene-d8
Concen: 53.470 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion: 98 Resp: 395219
Ion Ratio Lower Upper
98 100
100 66.8 52.8 79.2



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

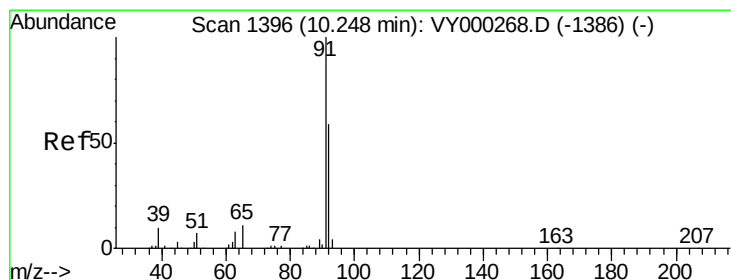
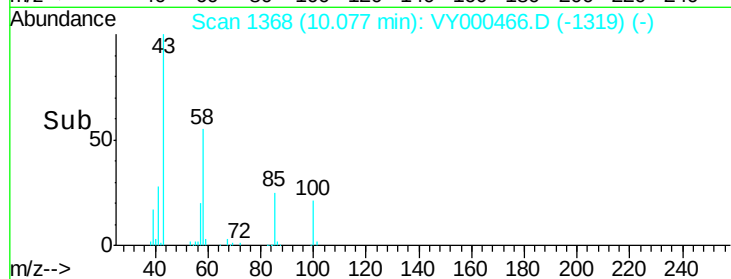
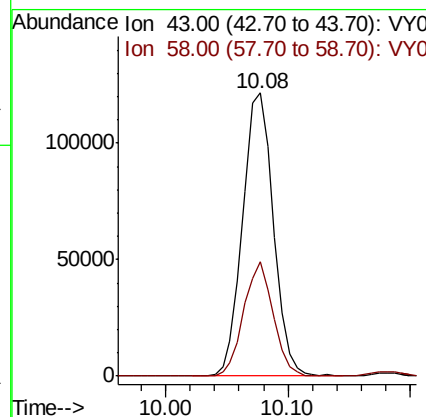
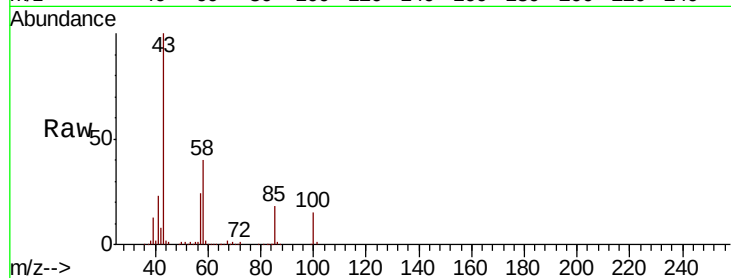




#51
4-Methyl-2-Pentanone
Concen: 117.381 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

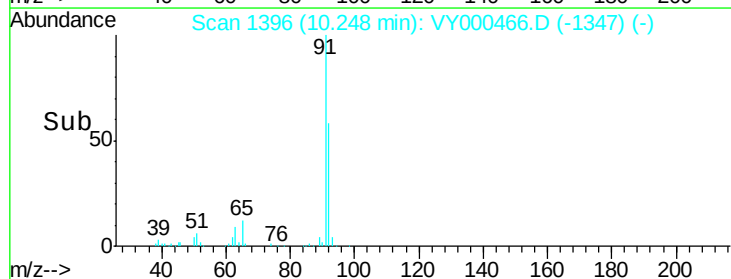
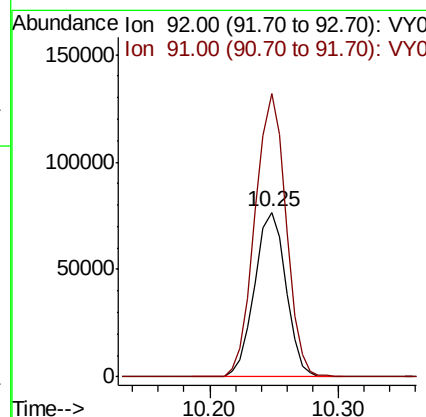
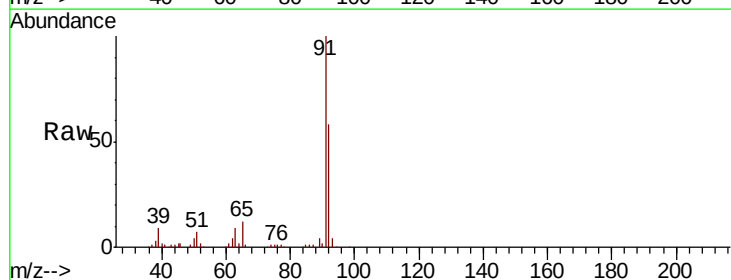
Instrument :
MSVOA_Y
ClientSampleId :

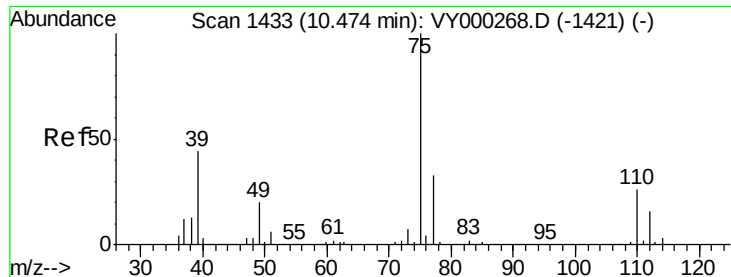
Tot Ion: 43 Resp: 212579
Ion Ratio Lower Upper
43 100
58 38.6 31.0 46.6



#52
Toluene
Concen: 22.470 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion: 92 Resp: 128576
Ion Ratio Lower Upper
92 100
91 170.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 22.832 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

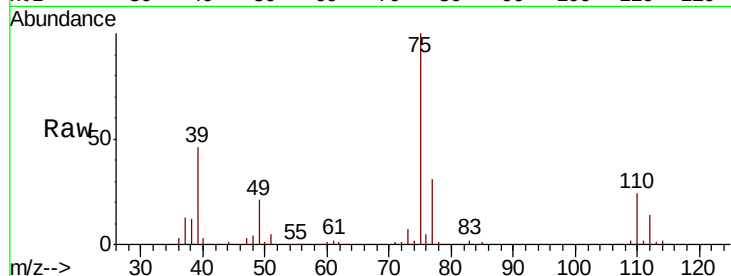
ClientSampled :

Tot Ion: 75 Resp: 71299

Ion Ratio Lower Upper

75 100

77 30.8 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

50000

40000

30000

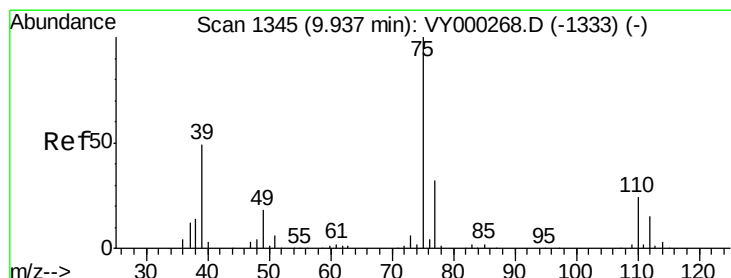
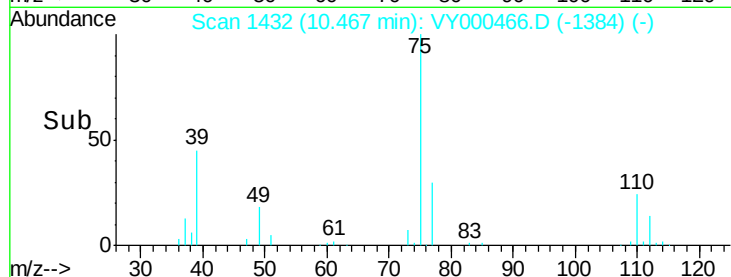
20000

10000

0

Time-->

10.40 10.45 10.50 10.55



#54

cis-1,3-Dichloropropene

Concen: 22.982 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

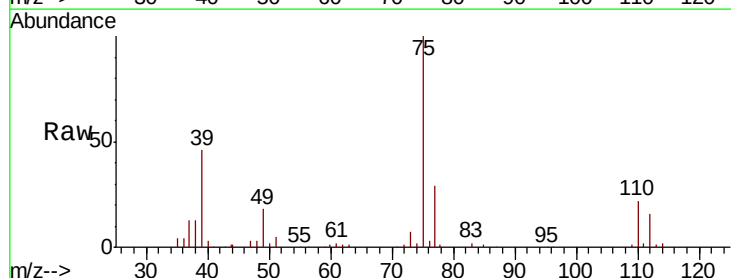
Tgt Ion: 75 Resp: 81503

Ion Ratio Lower Upper

75 100

77 28.8 26.0 39.0

39 45.7 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

60000

50000

40000

30000

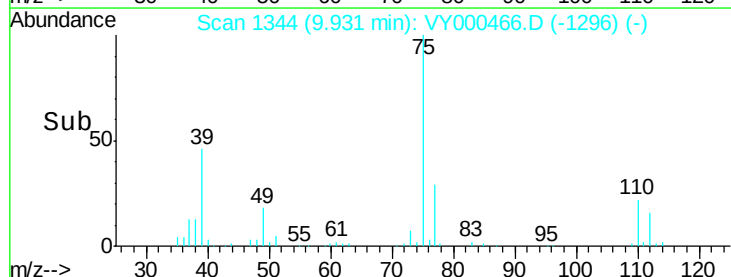
20000

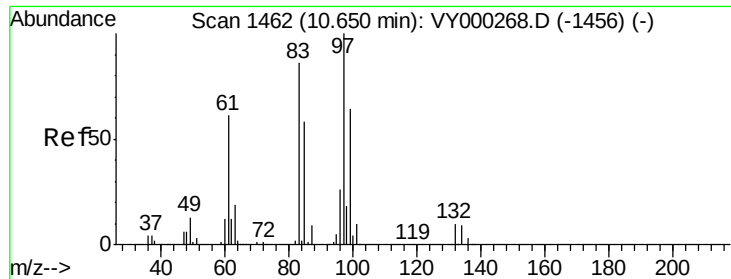
10000

0

Time-->

9.85 9.90 9.95 10.00

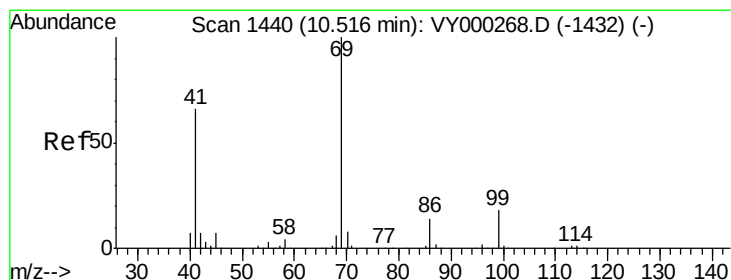
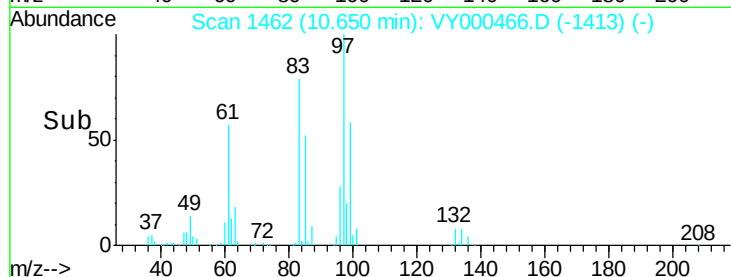
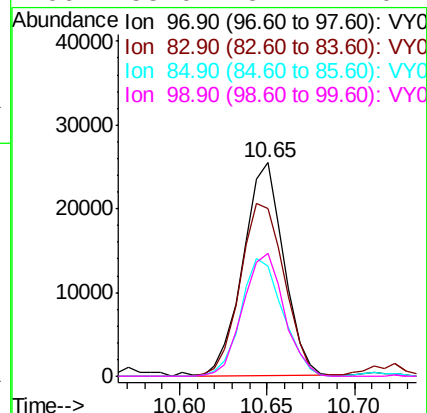
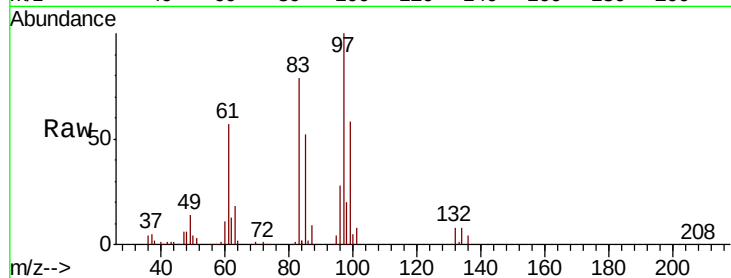




#55
 1,1,2-Trichloroethane
 Concen: 22.921 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

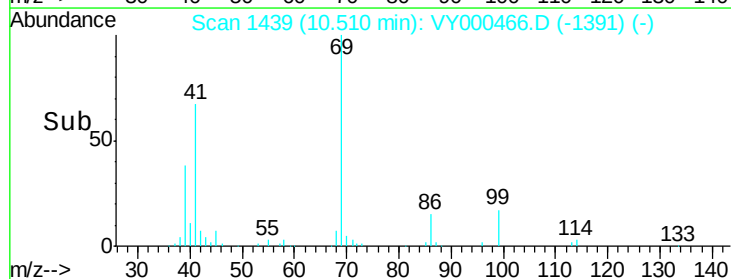
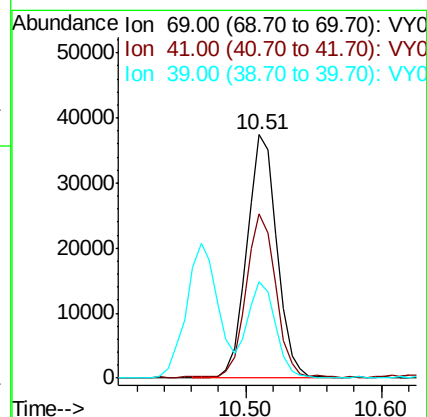
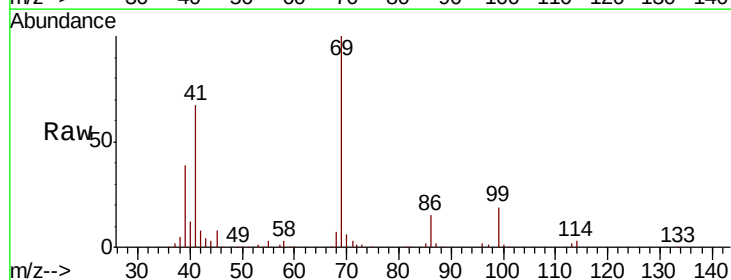
Instrument :
 MSVOA_Y
 ClientSampleId :

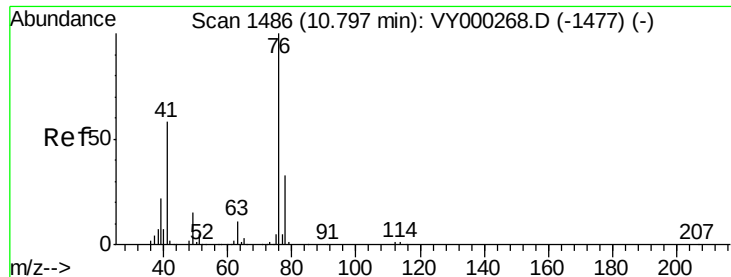
Tot Ion	97	Resp	41205
Ion	Ratio	Lower	Upper
97	100		
83	78.8	69.0	103.6
85	51.9	46.2	69.4
99	58.0	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 22.510 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

Tgt Ion	69	Resp	57678
Ion	Ratio	Lower	Upper
69	100		
41	66.6	52.5	78.7
39	36.9	26.7	40.1





#57

1,3-Dichloropropane

Concen: 23.551 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

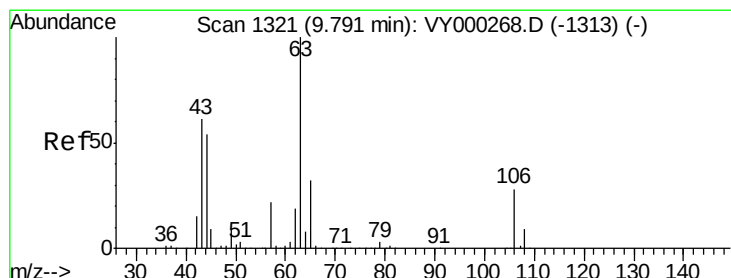
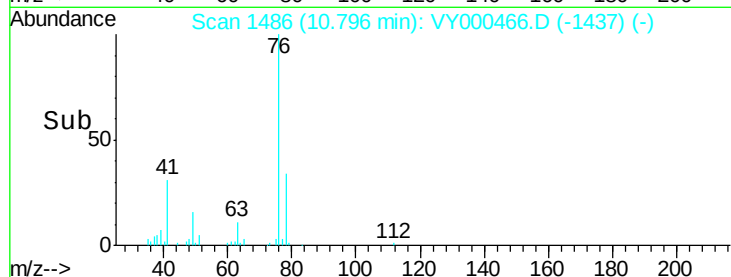
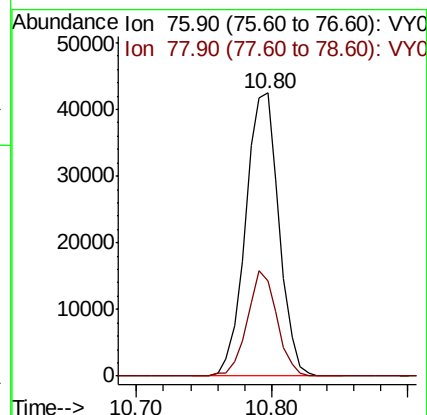
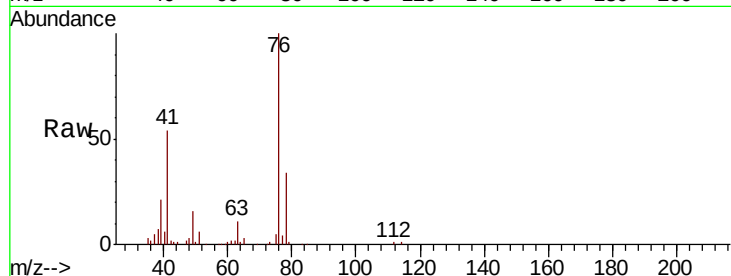
ClientSampleId :

Tot Ion: 76 Resp: 72710

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 131.602 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000466.D

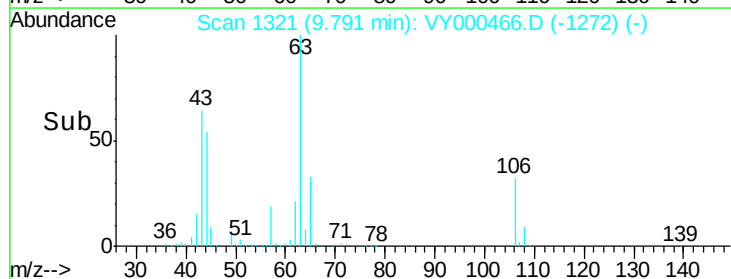
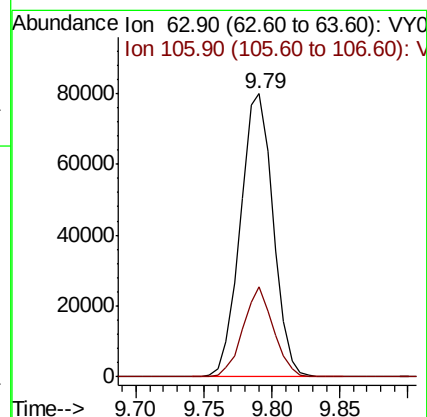
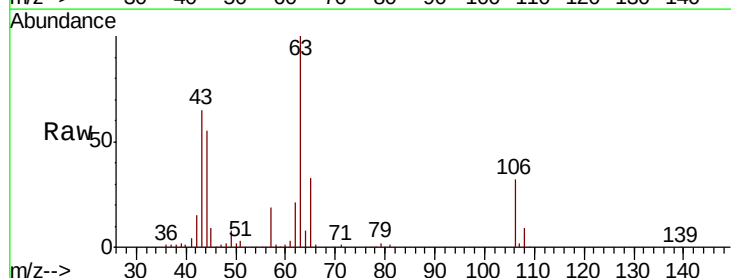
Acq: 29 Oct 2019 12:00

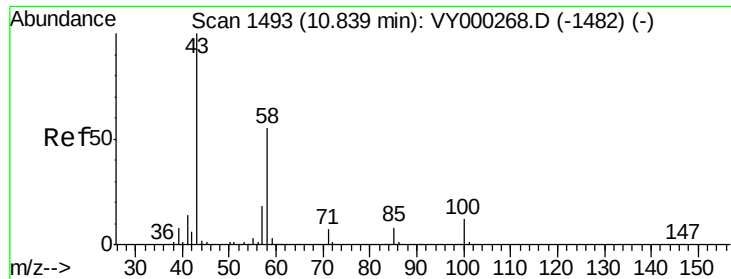
Tgt Ion: 63 Resp: 134503

Ion Ratio Lower Upper

63 100

106 29.6 23.0 34.4

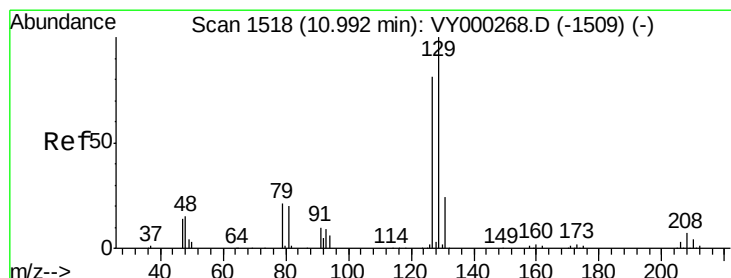
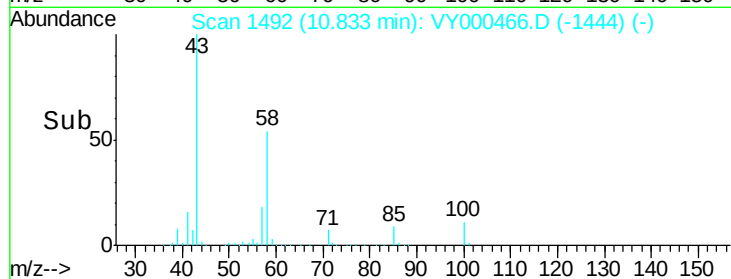
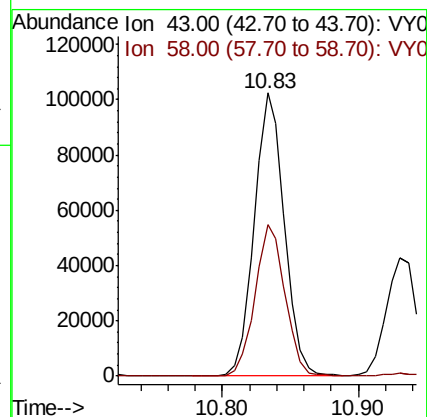
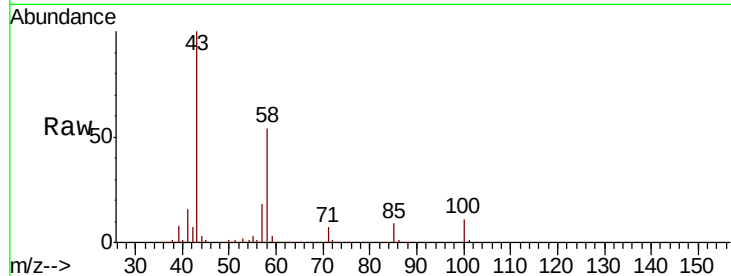




#59
2-Hexanone
Concen: 124.864 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

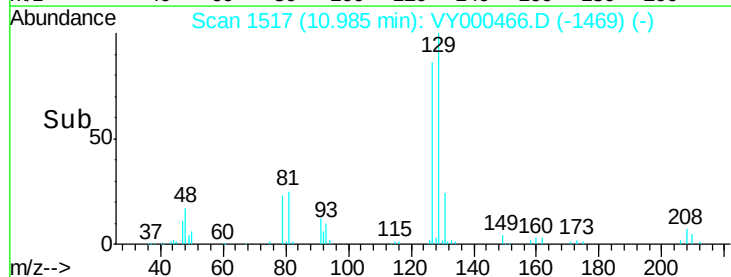
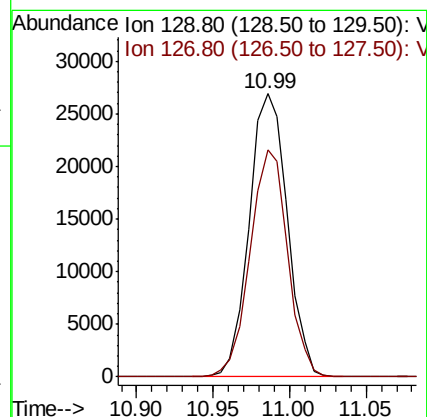
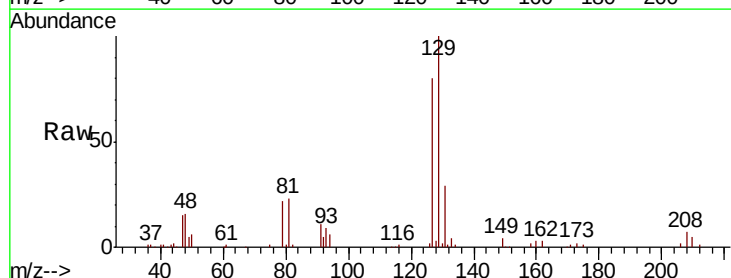
Instrument :
MSVOA_Y
ClientSampled :

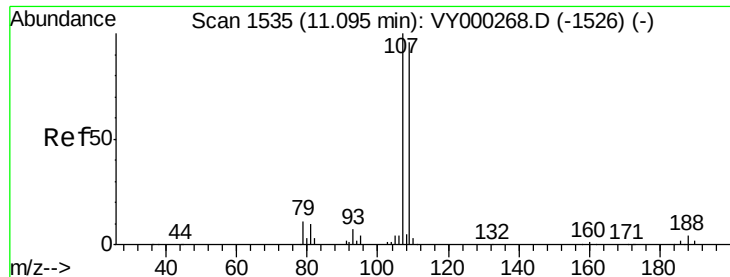
Tot Ion: 43 Resp: 158724
Ion Ratio Lower Upper
43 100
58 53.3 27.7 83.1



#60
Dibromochloromethane
Concen: 23.409 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion:129 Resp: 46643
Ion Ratio Lower Upper
129 100
127 78.9 39.9 119.7

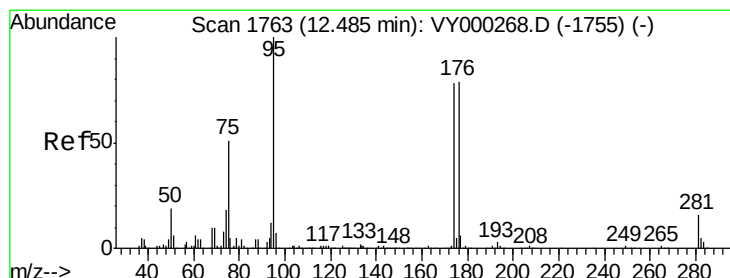
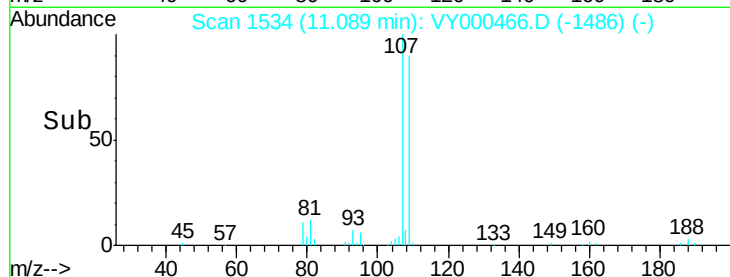
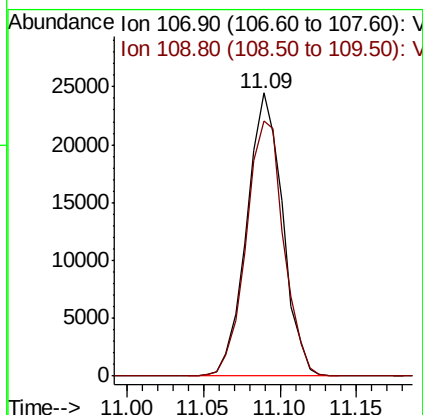
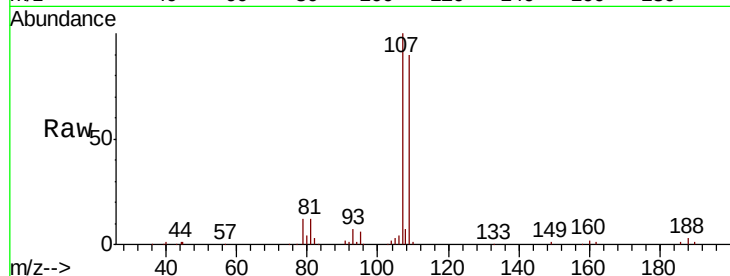




#61
 1,2-Dibromoethane
 Concen: 23.152 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

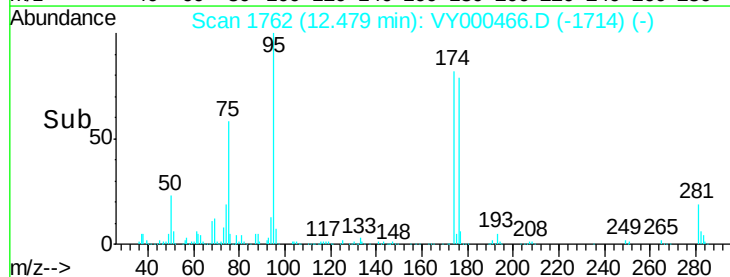
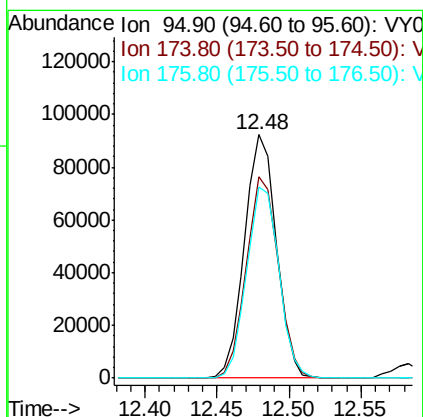
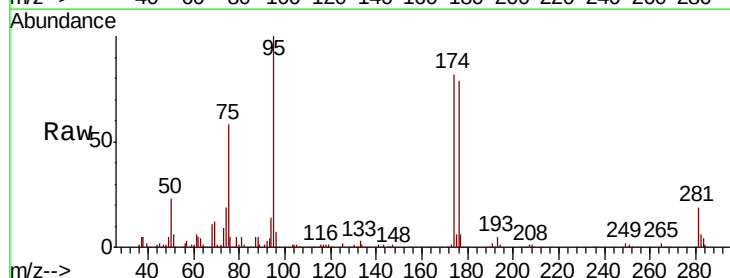
Instrument :
 MSVOA_Y
 ClientSampleId :

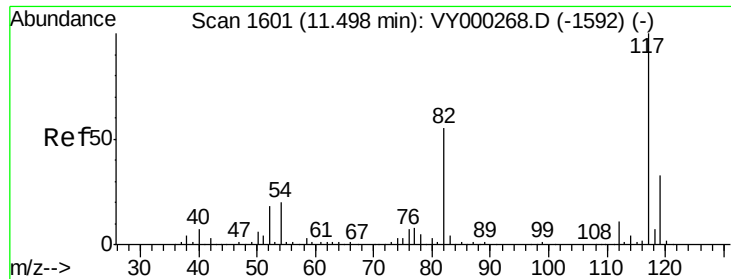
Tot Ion: 107 Resp: 39963
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.363 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

Tgt Ion: 95 Resp: 141423
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 159.6
 176 79.3 0.0 153.8

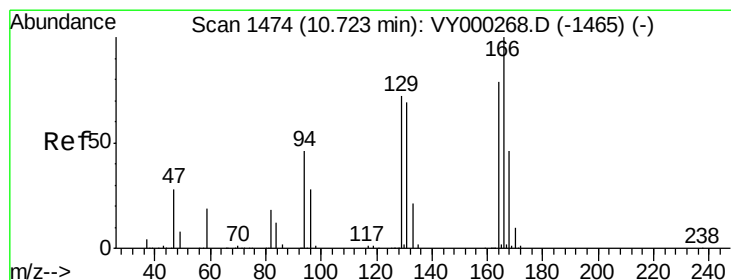
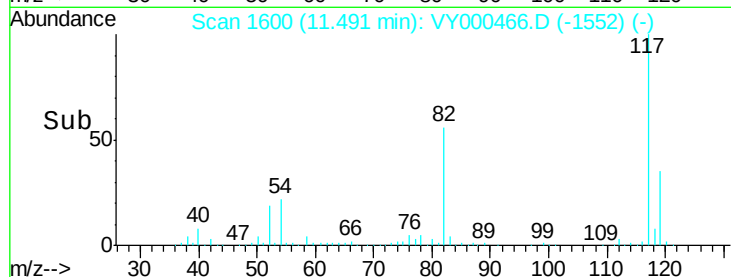
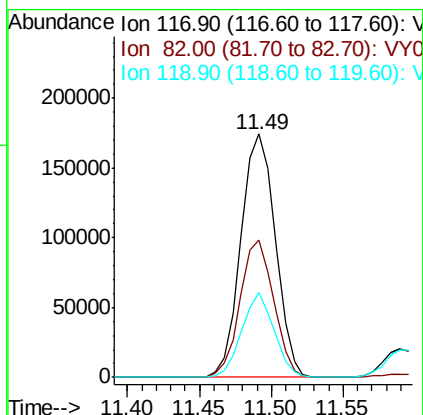
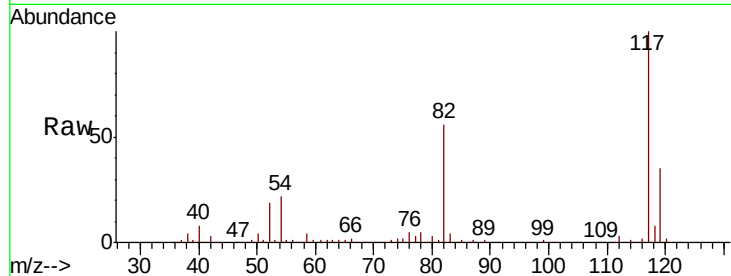




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

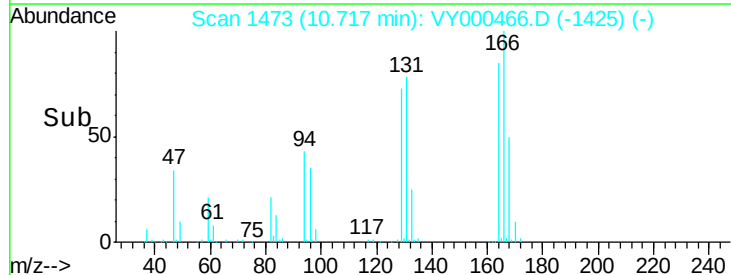
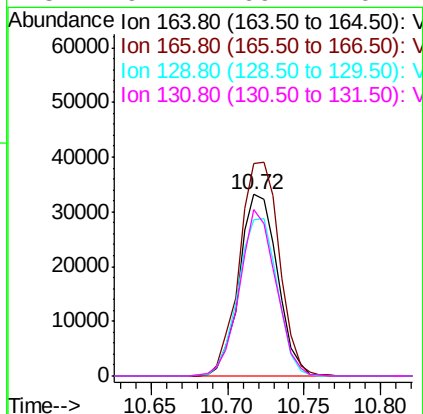
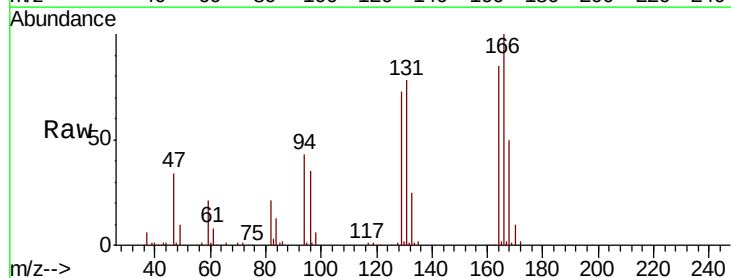
Instrument :
MSVOA_Y
ClientSampleId :

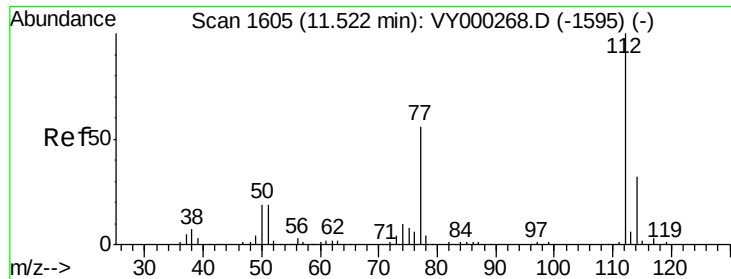
Tot Ion:117 Resp: 289318
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 35.0 26.6 39.8



#64
Tetrachloroethene
Concen: 20.790 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion:164 Resp: 57264
Ion Ratio Lower Upper
164 100
166 117.0 100.6 151.0
129 86.0 72.8 109.2
131 91.7 69.4 104.2

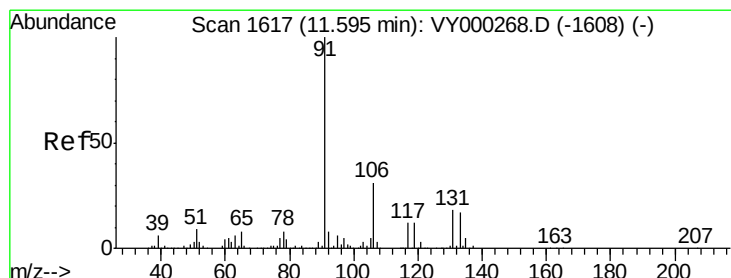
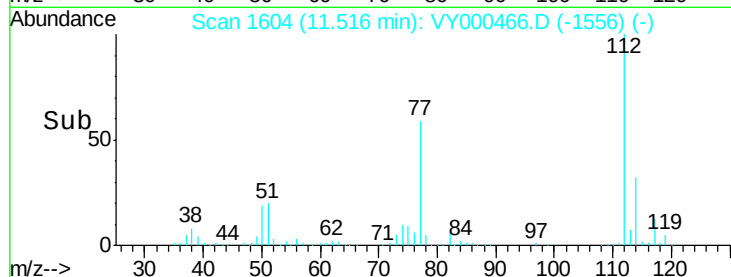
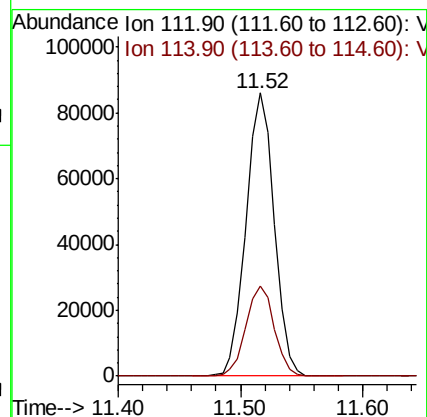
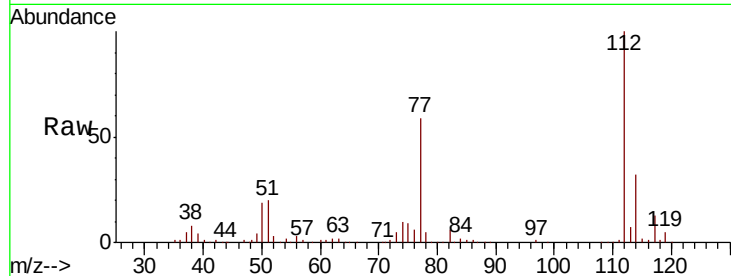




#65
Chlorobenzene
Concen: 22.523 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

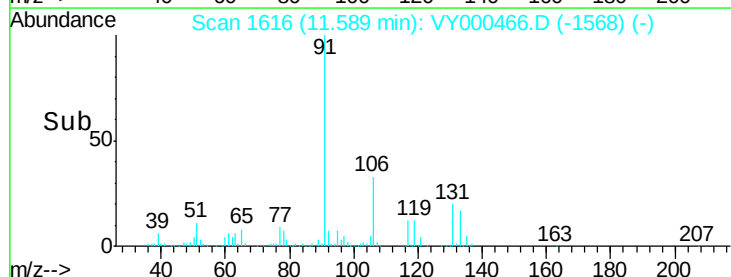
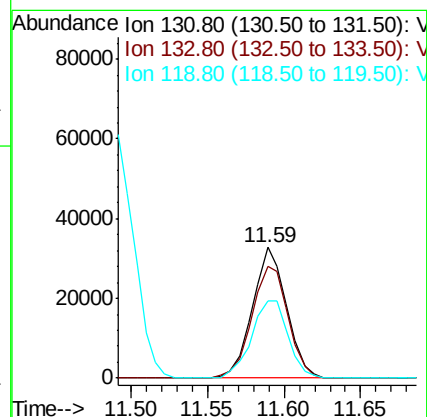
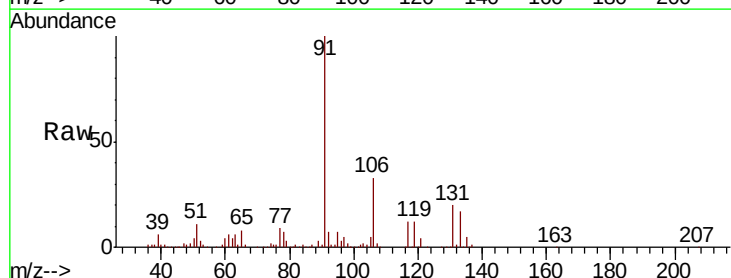
Instrument :
MSVOA_Y
ClientSampled :

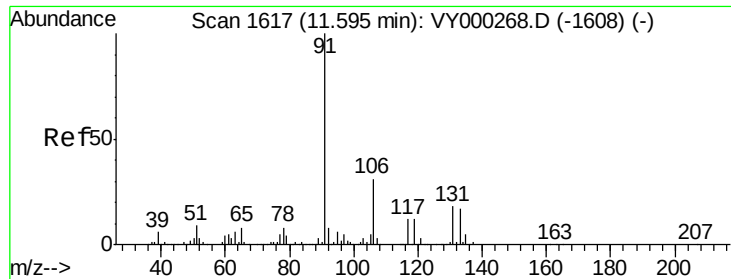
Tot Ion:112 Resp: 137520
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 23.636 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion:131 Resp: 50696
Ion Ratio Lower Upper
131 100
133 91.5 47.2 141.6
119 64.1 32.6 98.0

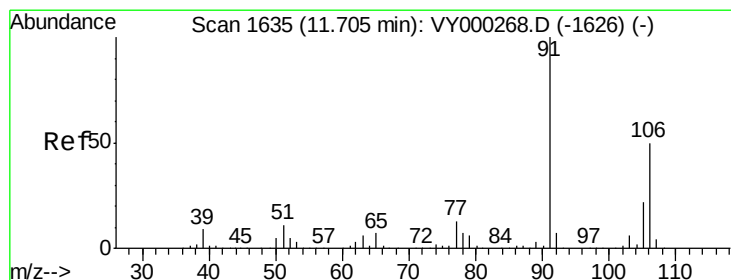
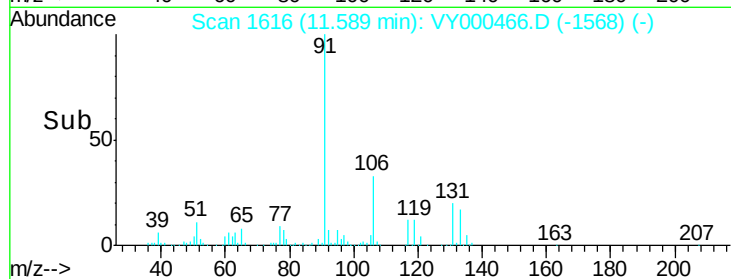
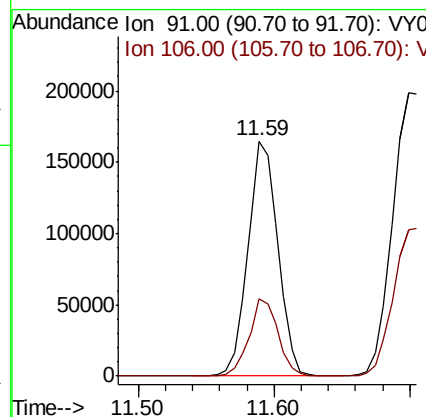
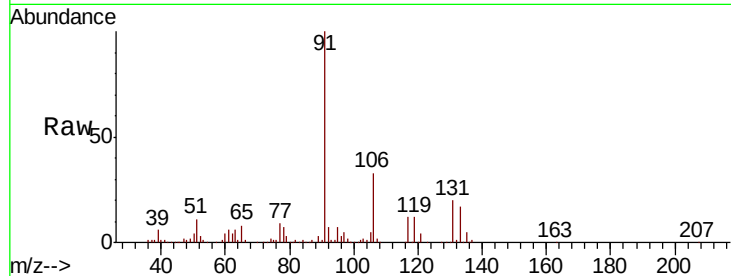




#67
Ethyl Benzene
Concen: 22.365 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

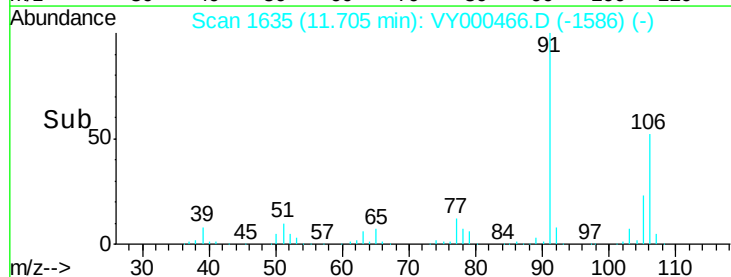
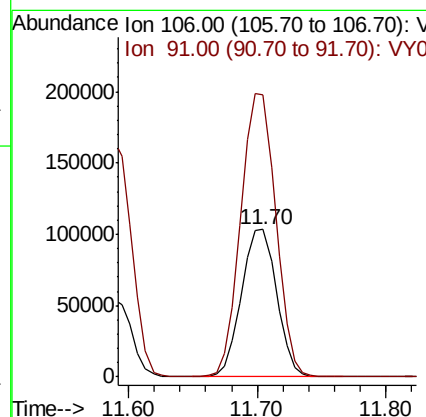
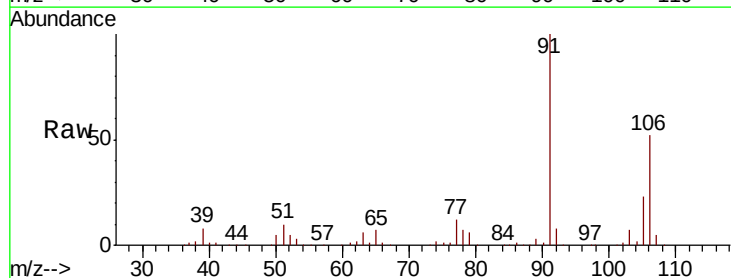
Instrument :
MSVOA_Y
ClientSampled :

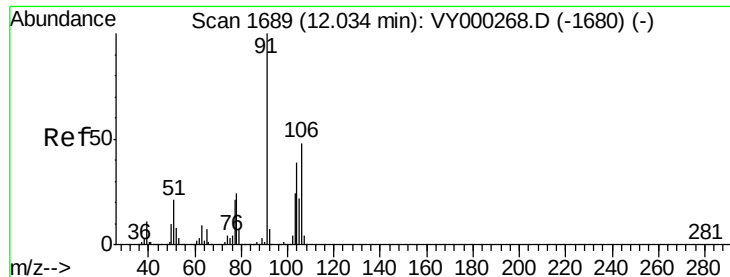
Tot Ion: 91 Resp: 253148
Ion Ratio Lower Upper
91 100
106 33.0 25.0 37.6



#68
m/p-Xylenes
Concen: 45.134 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion: 106 Resp: 195297
Ion Ratio Lower Upper
106 100
91 191.7 157.5 236.3

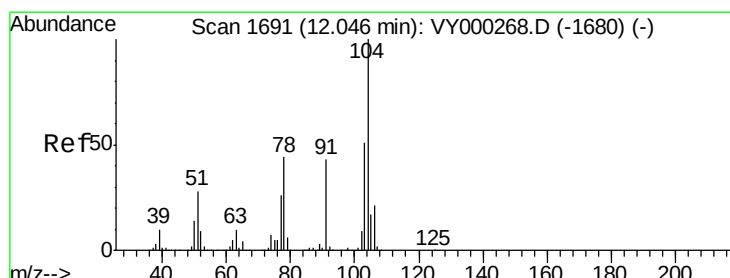
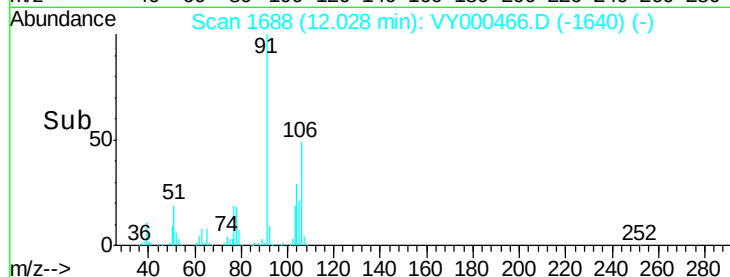
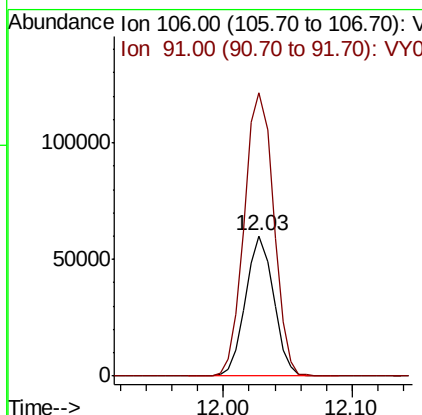
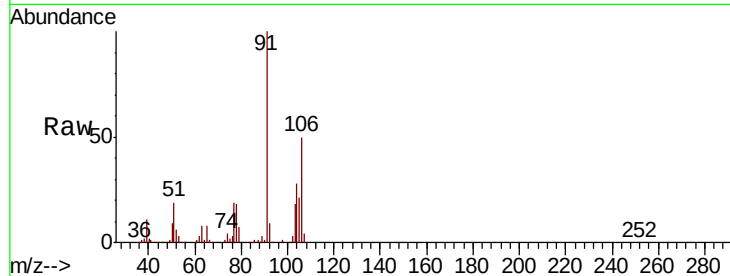




#69
o-Xylene
Concen: 21.909 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

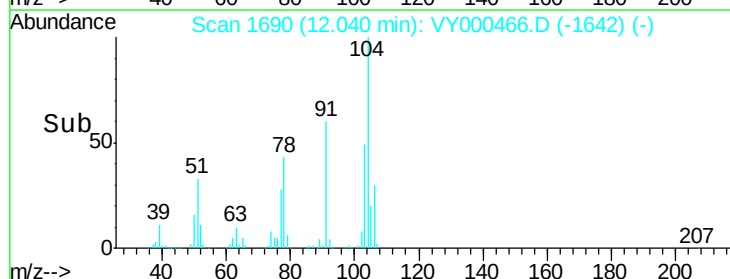
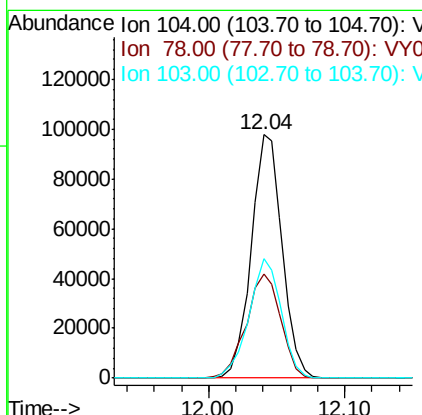
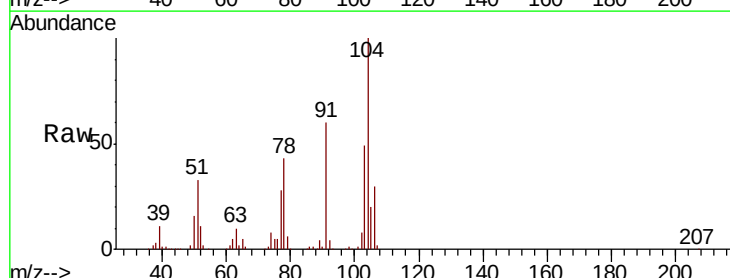
Instrument :
MSVOA_Y
ClientSampled :

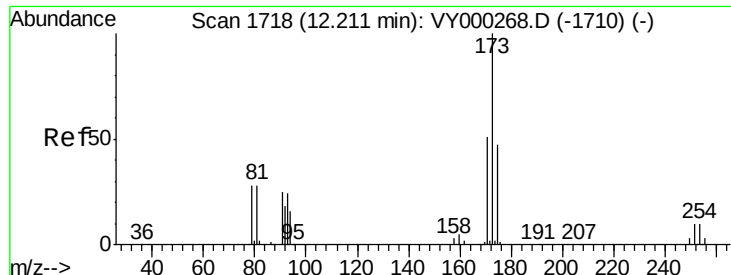
Tot Ion:106 Resp: 90437
Ion Ratio Lower Upper
106 100
91 211.9 104.7 313.9



#70
Styrene
Concen: 22.474 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion:104 Resp: 156457
Ion Ratio Lower Upper
104 100
78 47.6 39.0 58.6
103 51.2 43.1 64.7





#71

Bromoform

Concen: 22.598 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

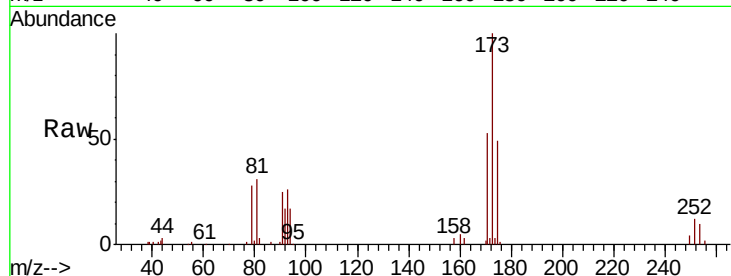
Tot Ion:173 Resp: 27863

Ion Ratio Lower Upper

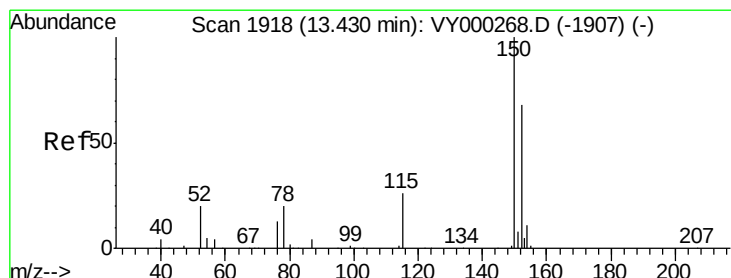
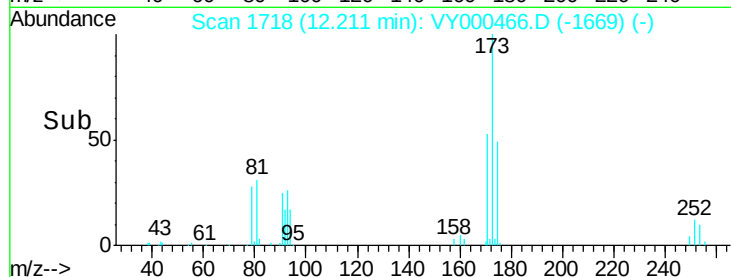
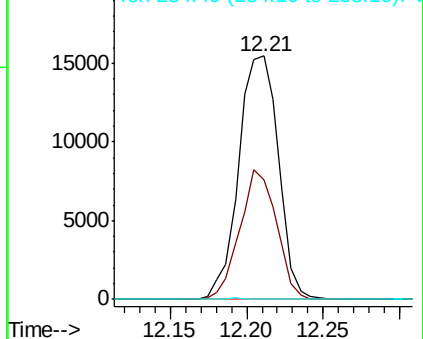
173 100

175 49.2 24.6 73.6

254 0.2 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: VY000466.D

Acq: 29 Oct 2019 12:00

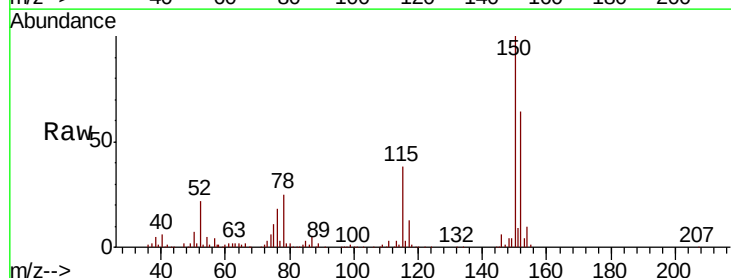
Tgt Ion:152 Resp: 149781

Ion Ratio Lower Upper

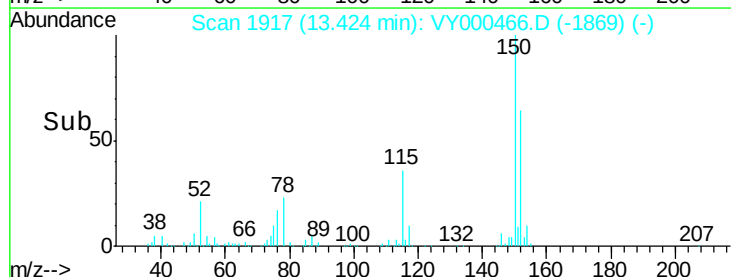
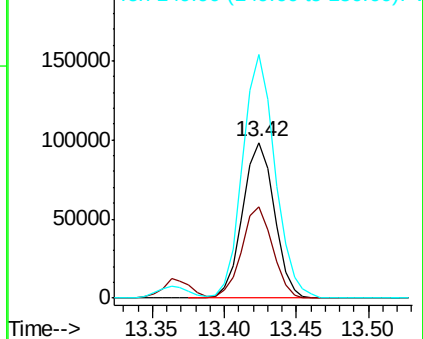
152 100

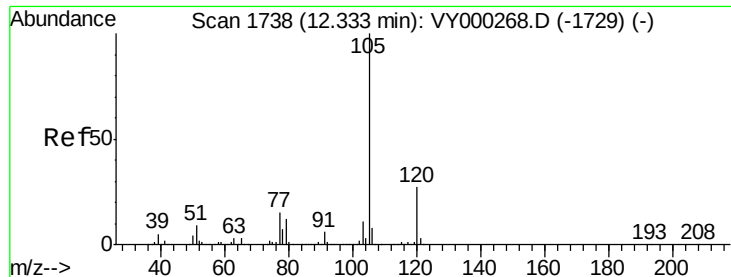
115 57.1 29.3 88.0

150 160.6 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: 20.679 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

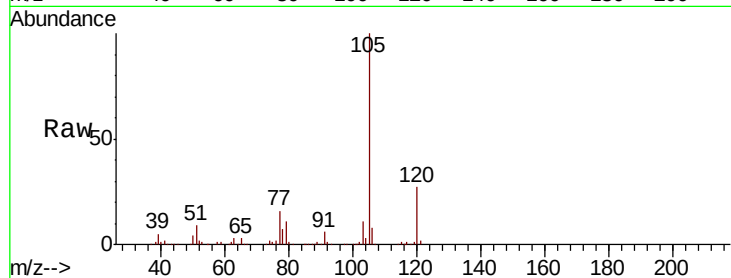
ClientSampleId :

Tot Ion:105 Resp: 241507

Ion Ratio Lower Upper

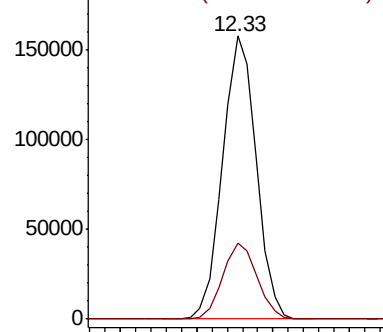
105 100

120 27.4 13.4 40.2

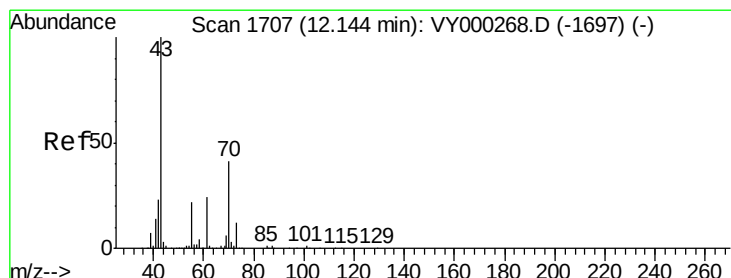
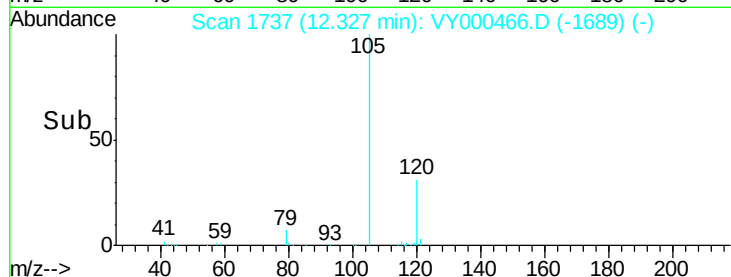


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 24.436 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Tgt Ion: 43 Resp: 70061

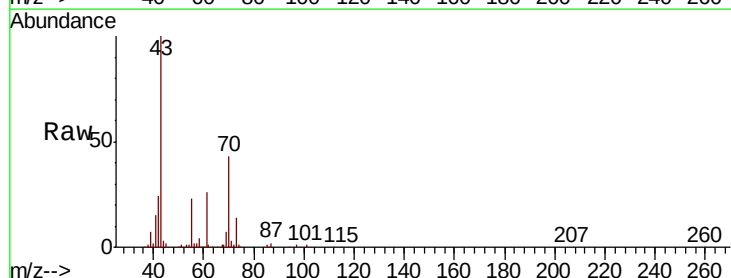
Ion Ratio Lower Upper

43 100

70 39.7 32.9 49.3

55 22.7 17.8 26.6

61 24.4 19.5 29.3

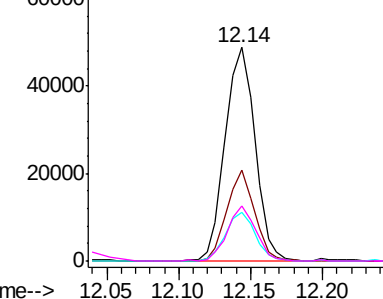


Abundance Ion 43.00 (42.70 to 43.70): VY0

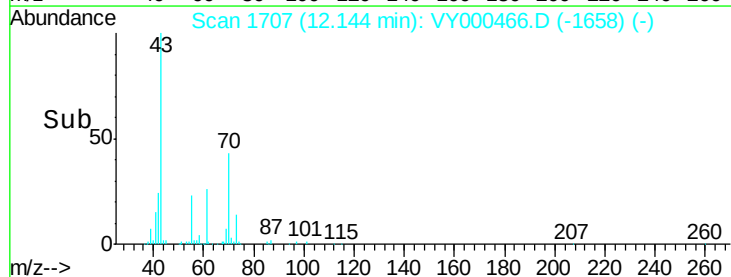
Ion 70.00 (69.70 to 70.70): VY0

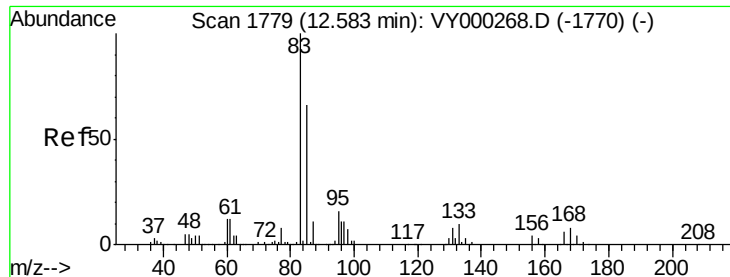
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.050 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

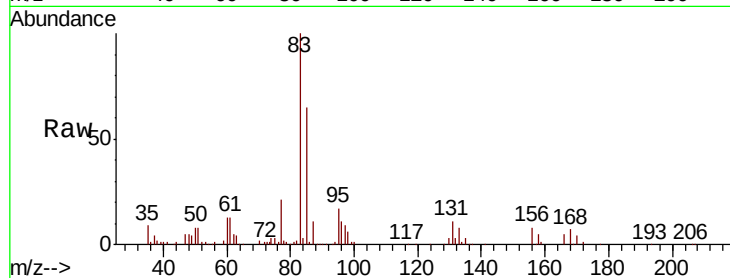
Tot Ion: 83 Resp: 48352

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

85 65.5 32.9 98.7

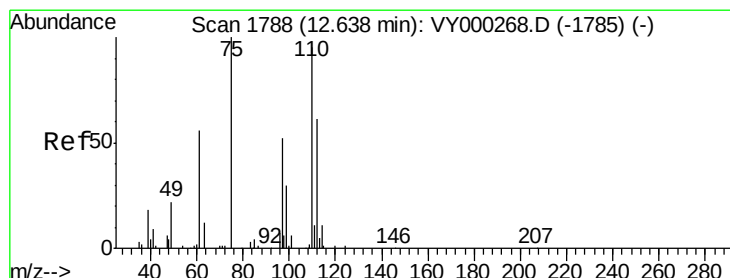
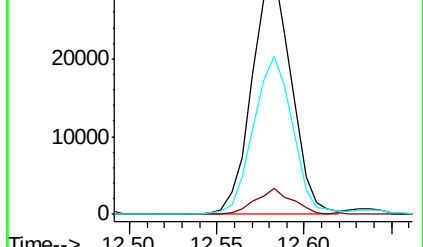
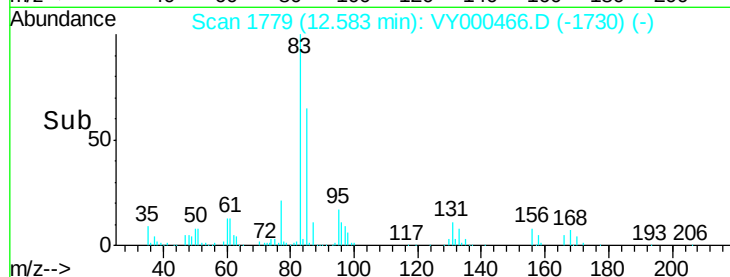


Abundance Ion 82.90 (82.60 to 83.60): VY000466.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000466.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000466.D (-1730) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 36.088 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000466.D

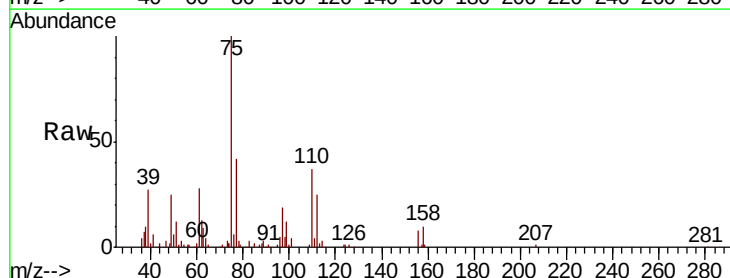
Acq: 29 Oct 2019 12:00

Tgt Ion: 75 Resp: 66467

Ion Ratio Lower Upper

75 100

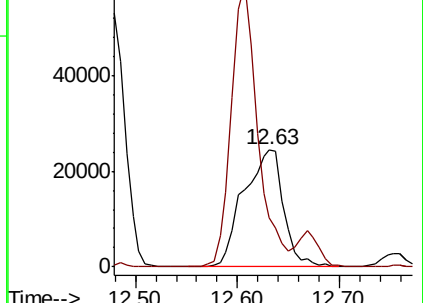
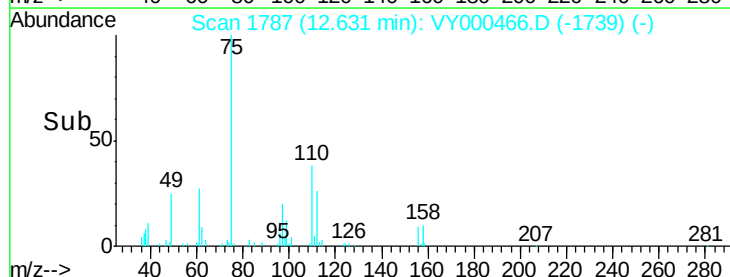
77 0.0 0.0 0.0

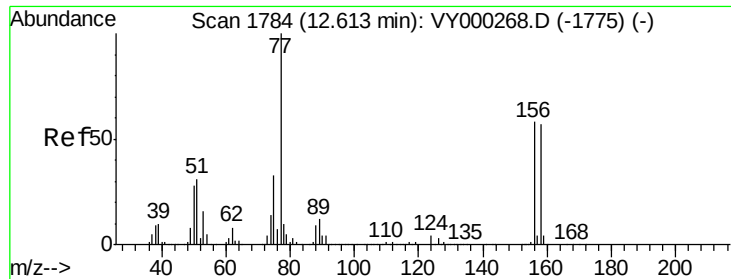


Abundance Ion 74.90 (74.60 to 75.60): VY000466.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000466.D (-1739) (-)

Time-->





#77

Bromobenzene

Concen: 21.835 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

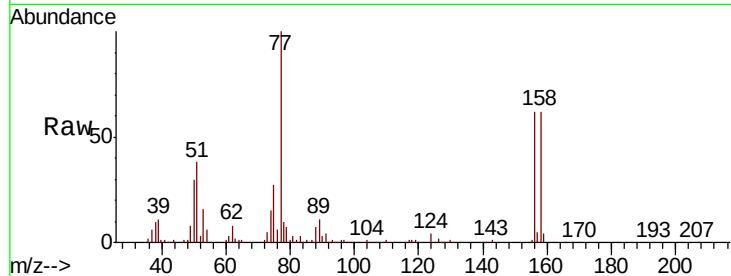
Tot Ion:156 Resp: 56745

Ion Ratio Lower Upper

156 100

77 186.2 101.0 302.9

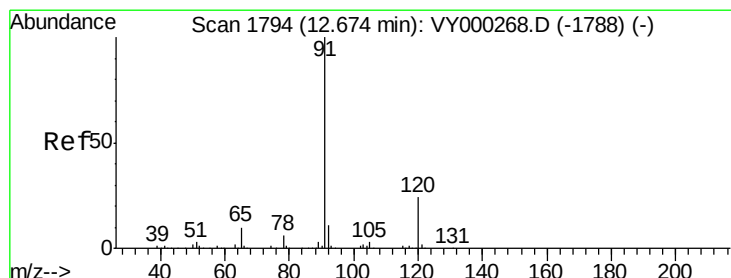
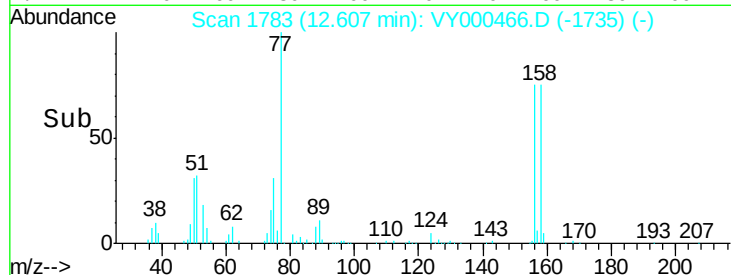
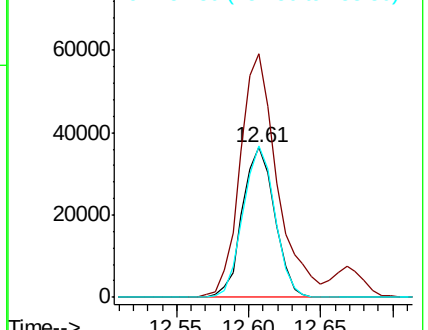
158 98.8 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.049 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000466.D

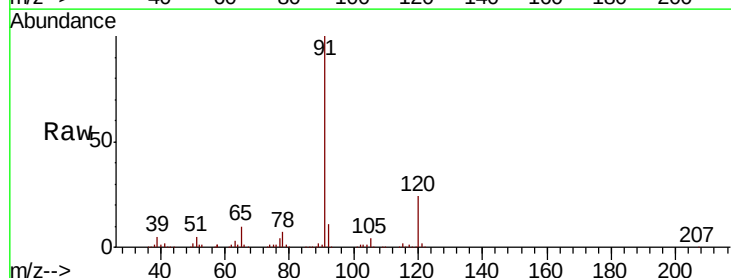
Acq: 29 Oct 2019 12:00

Tgt Ion: 91 Resp: 295158

Ion Ratio Lower Upper

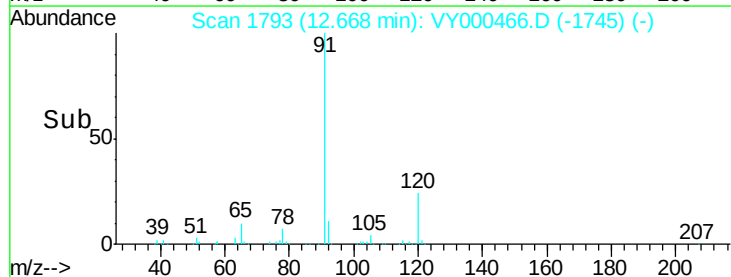
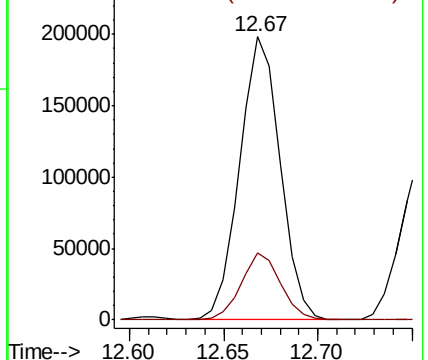
91 100

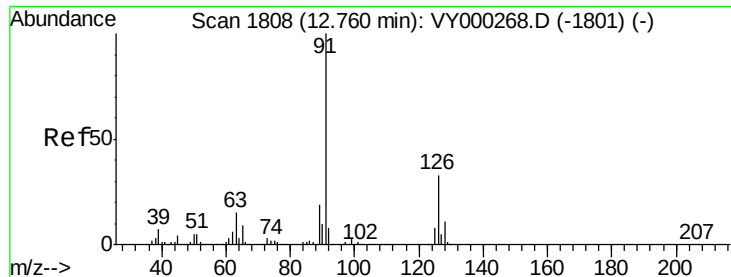
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.438 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

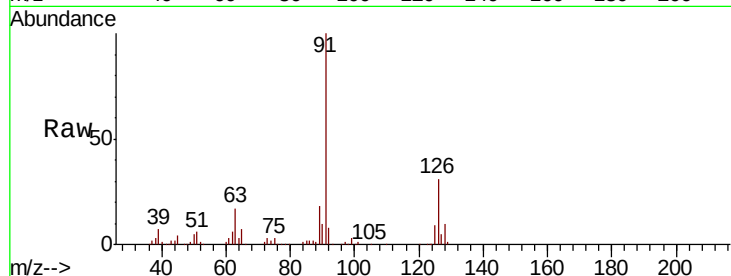
ClientSampleId :

Tot Ion: 91 Resp: 166018

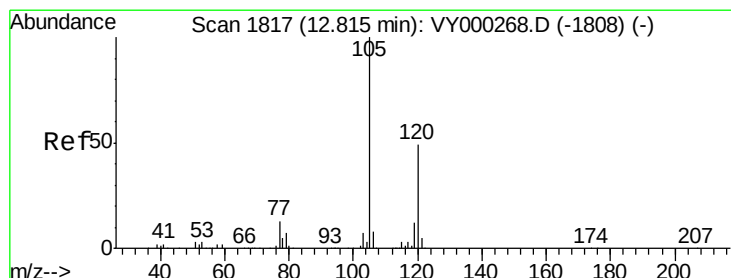
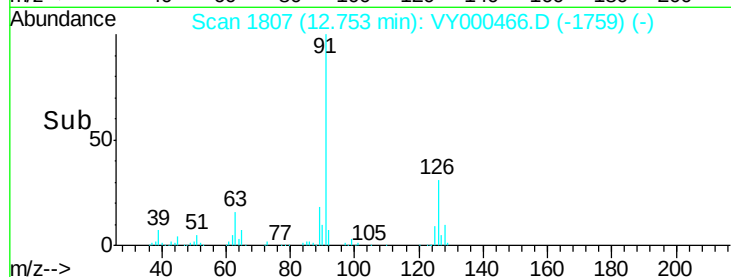
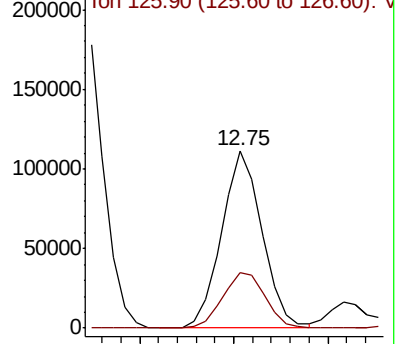
Ion Ratio Lower Upper

91 100

126 32.9 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000466.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.612 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY000466.D

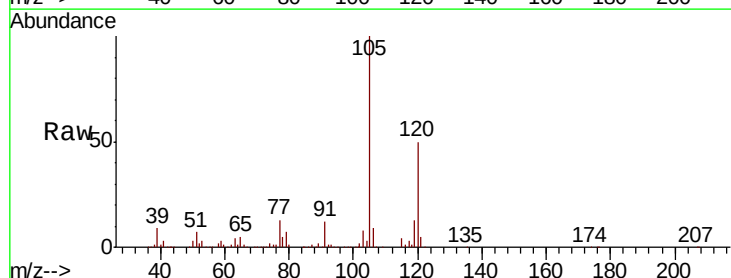
Acq: 29 Oct 2019 12:00

Tgt Ion: 105 Resp: 201859

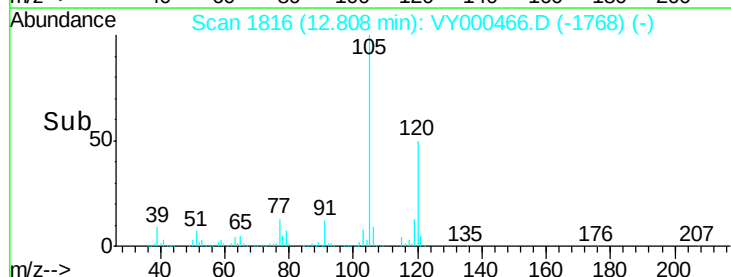
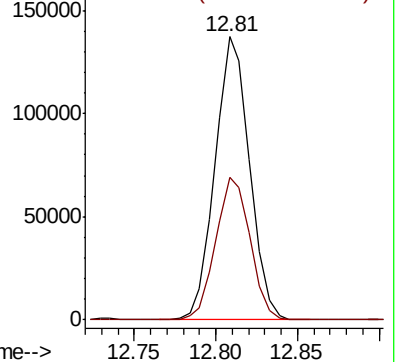
Ion Ratio Lower Upper

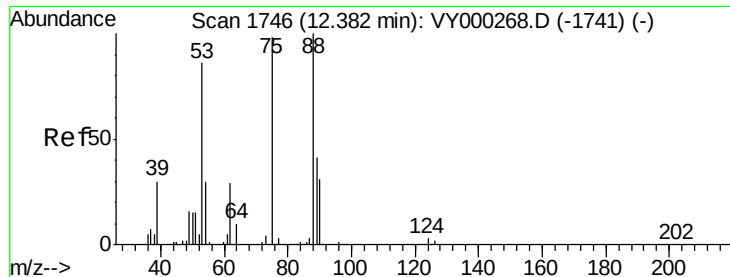
105 100

120 50.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000466.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.546 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

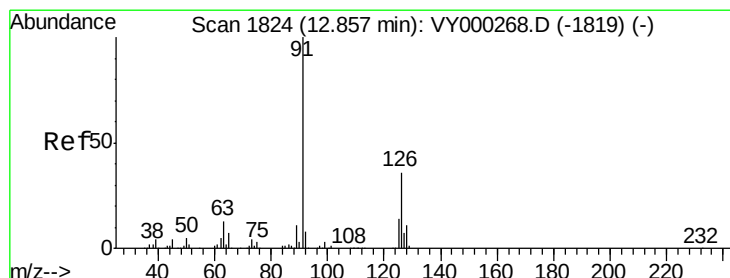
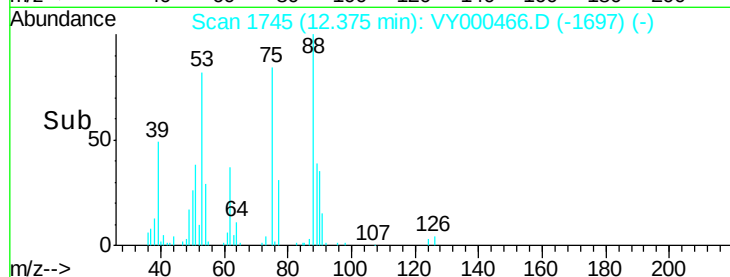
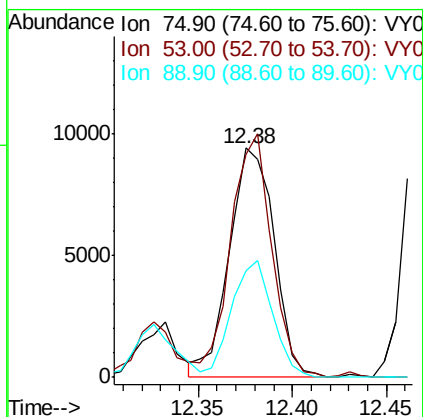
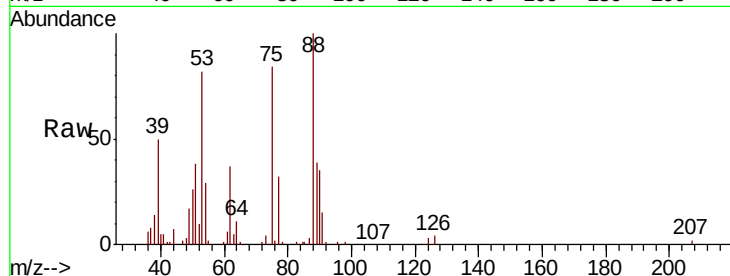
Tot Ion: 75 Resp: 15612

Ion Ratio Lower Upper

75 100

53 95.8 71.3 106.9

89 46.3 35.1 52.7



#82

4-Chlorotoluene

Concen: 20.849 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000466.D

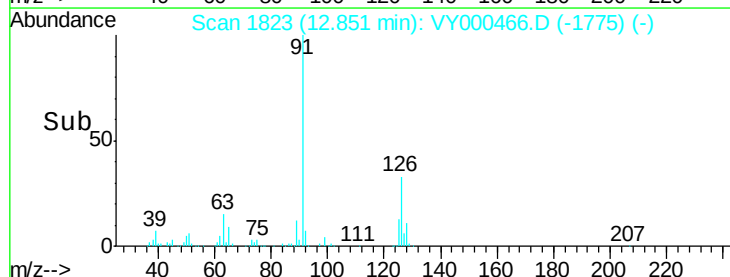
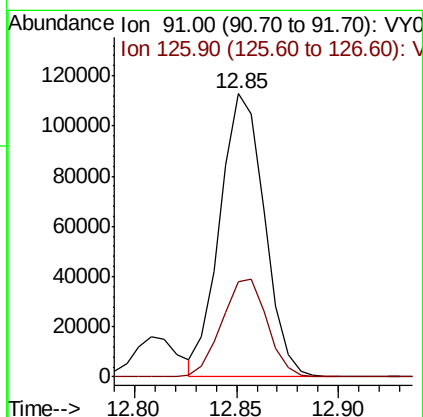
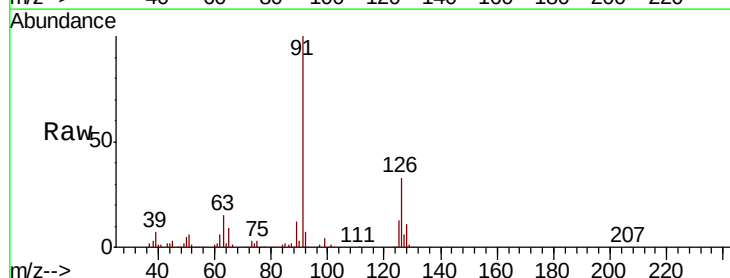
Acq: 29 Oct 2019 12:00

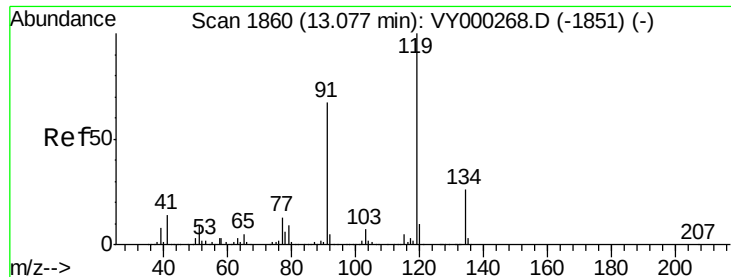
Tgt Ion: 91 Resp: 170667

Ion Ratio Lower Upper

91 100

126 35.2 17.2 51.5





#83

tert-Butylbenzene

Concen: 20.993 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampled :

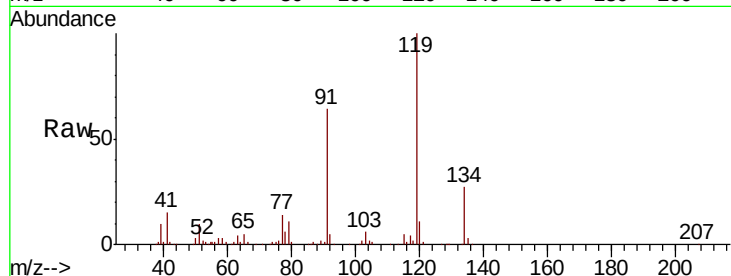
Tot Ion:119 Resp: 174099

Ion Ratio Lower Upper

119 100

91 65.1 32.9 98.7

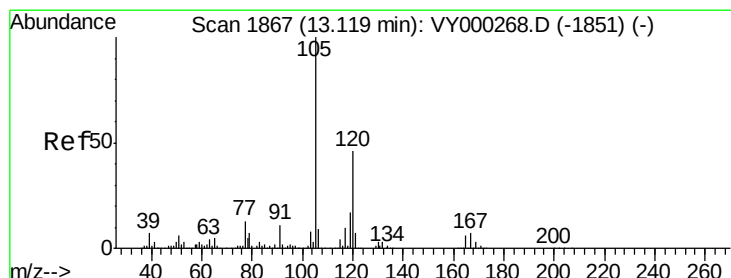
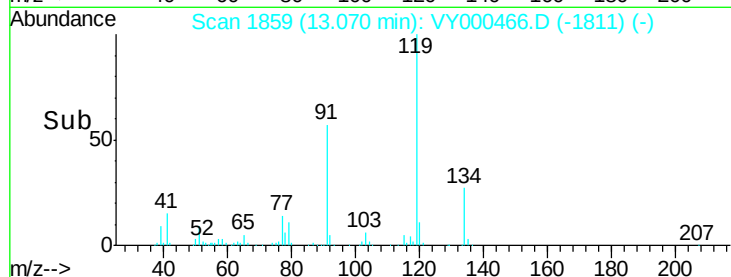
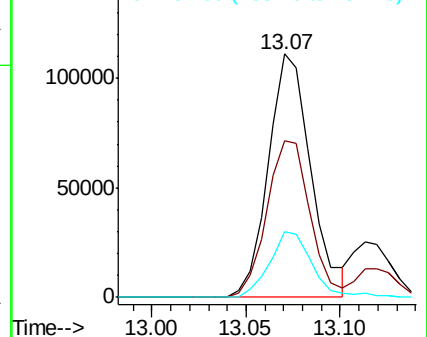
134 27.2 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.059 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000466.D

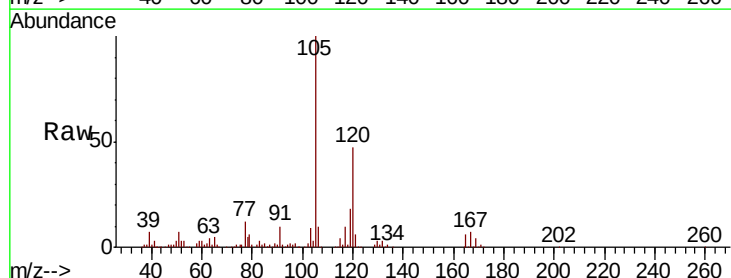
Acq: 29 Oct 2019 12:00

Tgt Ion:105 Resp: 203543

Ion Ratio Lower Upper

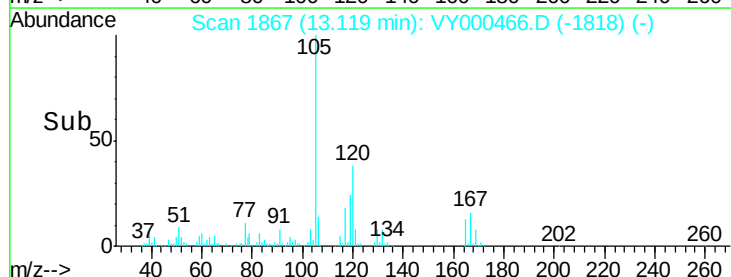
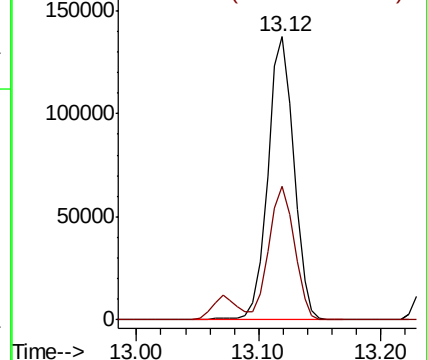
105 100

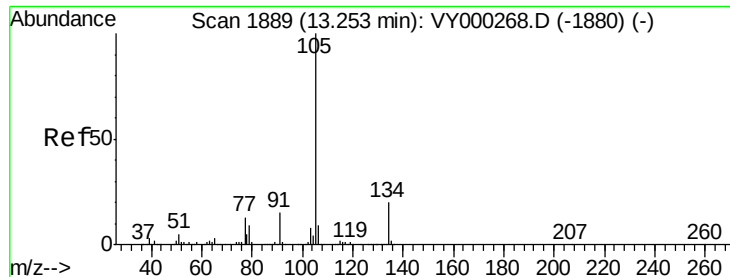
120 46.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.901 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

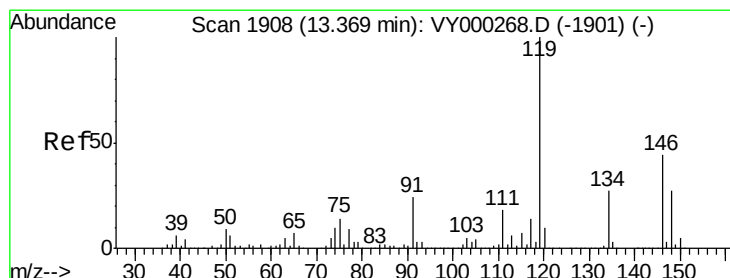
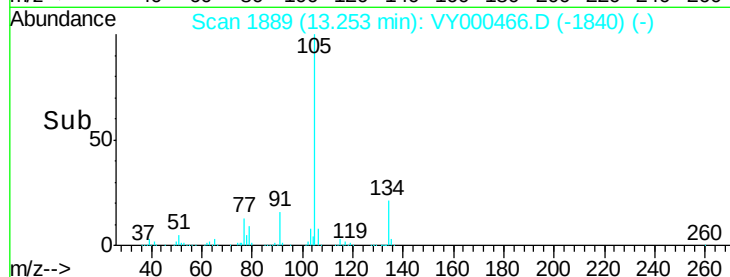
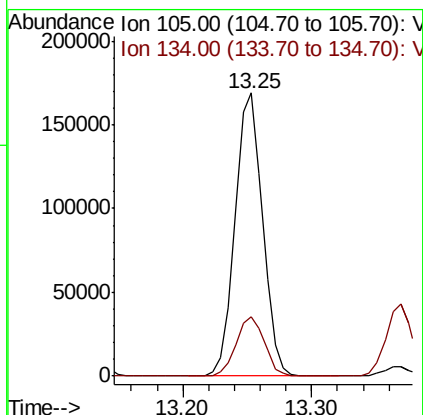
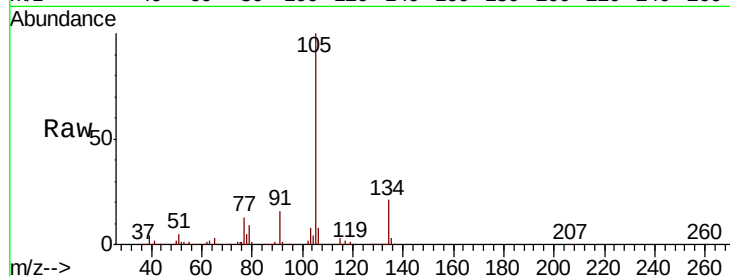
ClientSampleId :

Tot Ion:105 Resp: 250755

Ion Ratio Lower Upper

105 100

134 21.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.431 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

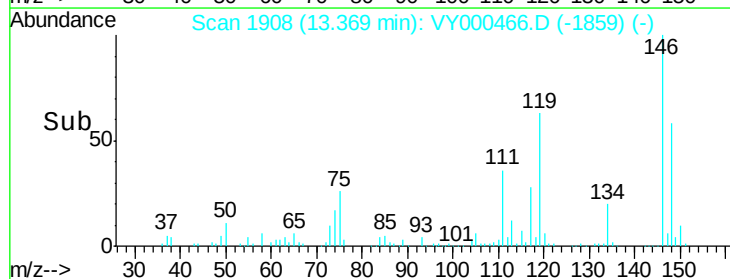
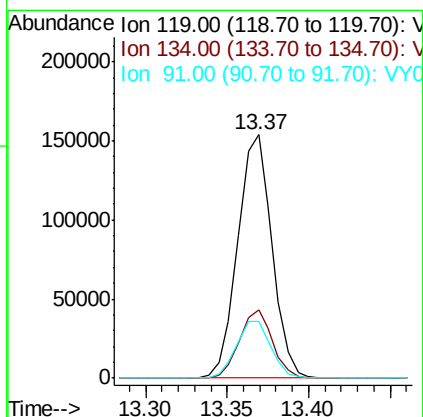
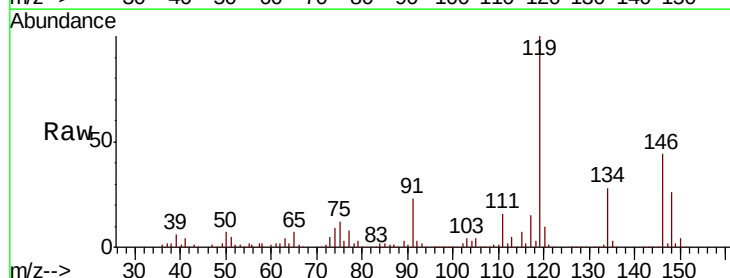
Tgt Ion:119 Resp: 224155

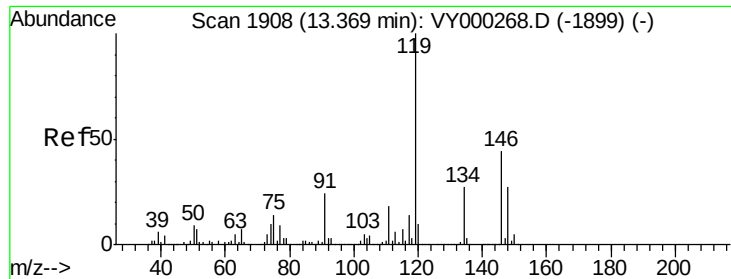
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 23.8 12.0 36.1

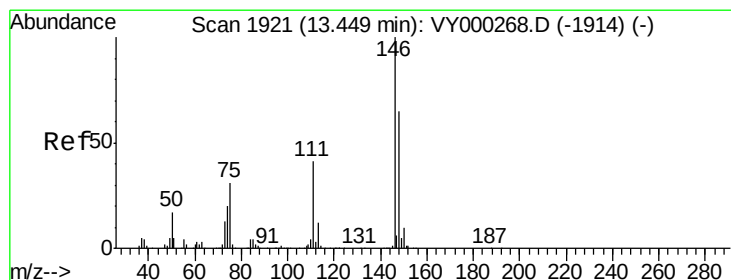
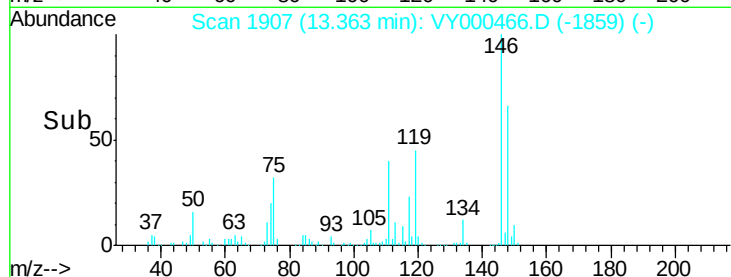
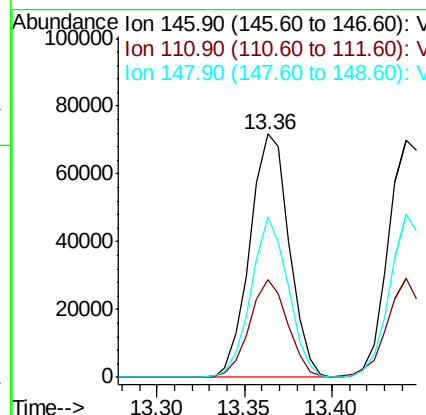
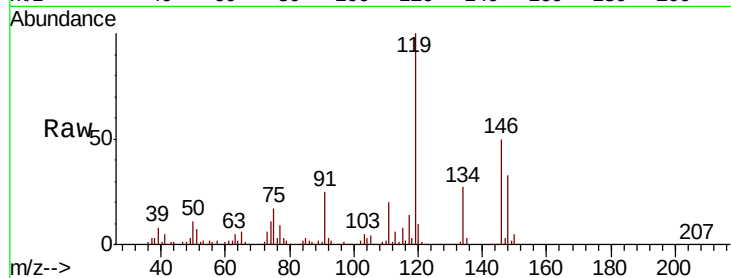




#87
 1,3-Dichlorobenzene
 Concen: 21.922 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

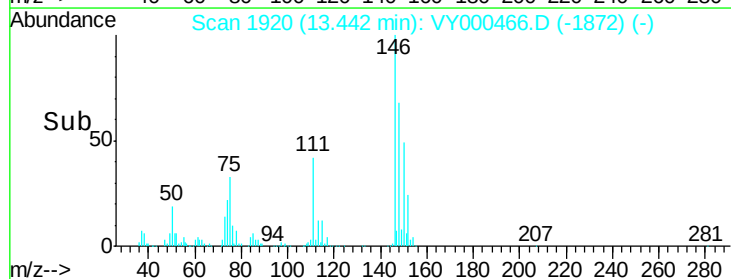
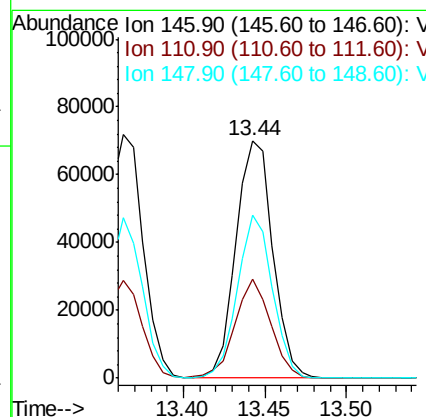
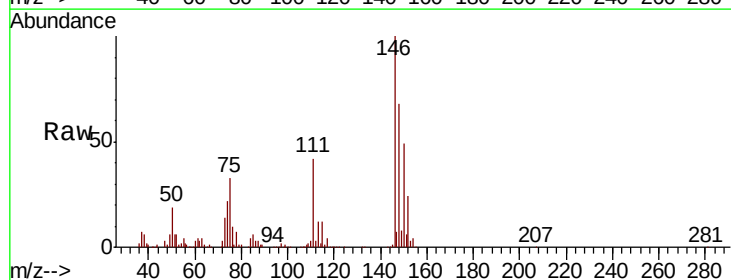
Instrument :
 MSVOA_Y
 ClientSampled :

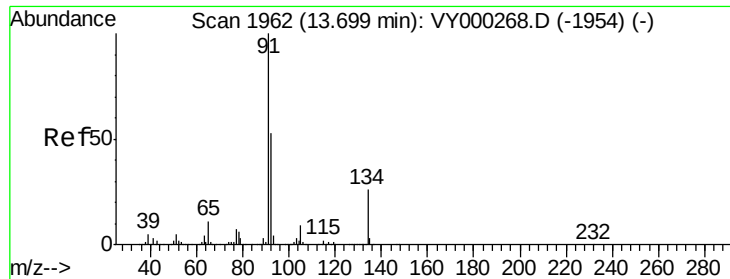
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.6	61.8
148	62.2	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.610 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	64.9	32.4	97.2

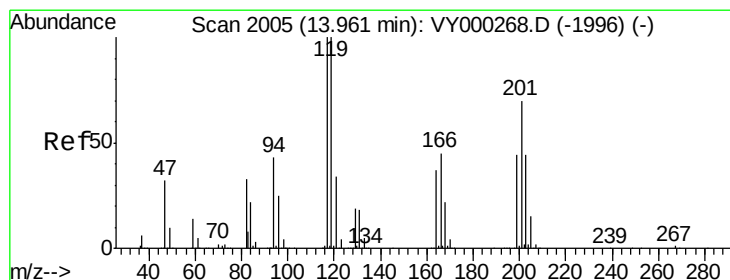
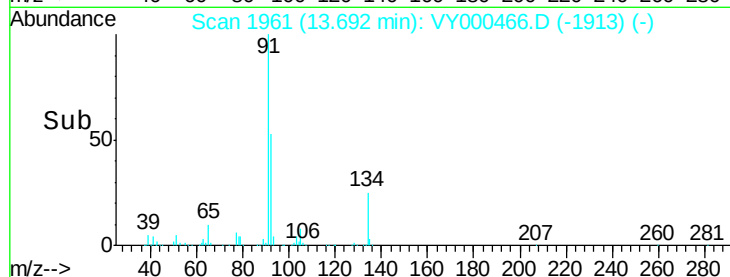
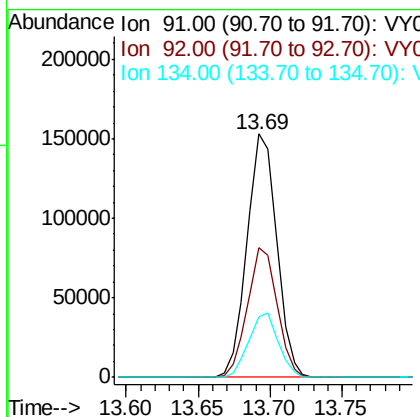
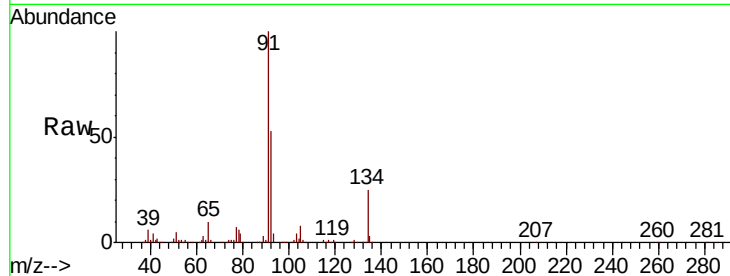




#89
n-Butylbenzene
Concen: 21.099 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

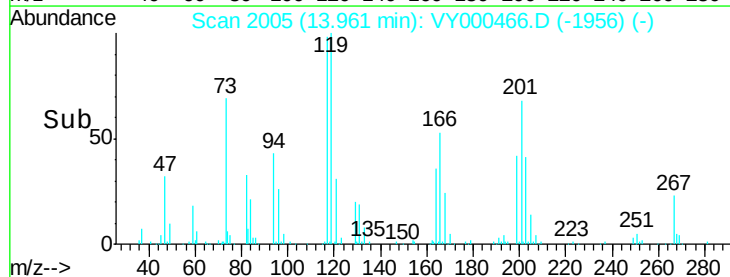
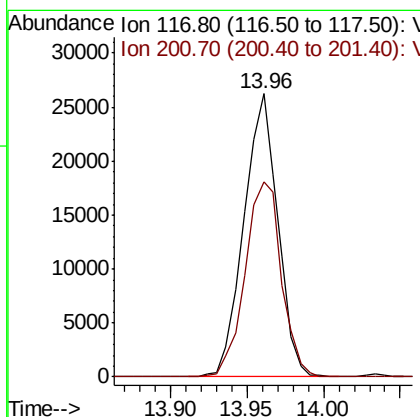
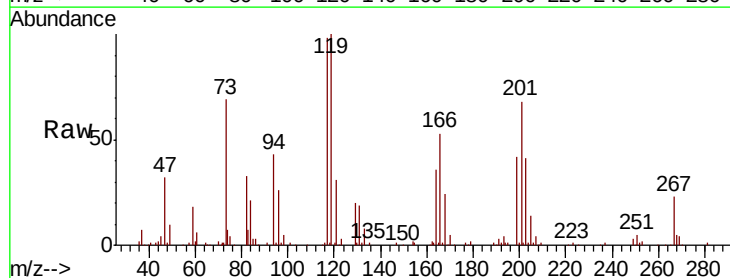
Instrument :
MSVOA_Y
ClientSampleId :

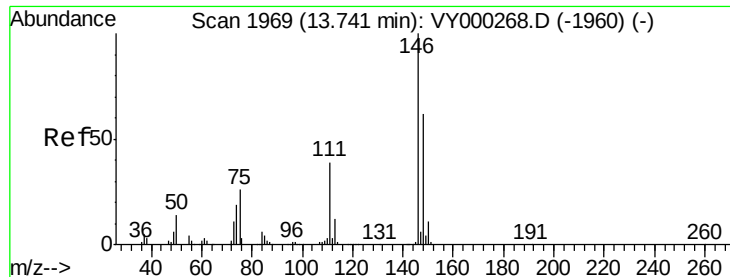
Tot Ion: 91 Resp: 218079
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.1
134 26.5 13.0 38.9



#90
Hexachloroethane
Concen: 20.849 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000466.D
Acq: 29 Oct 2019 12:00

Tgt Ion: 117 Resp: 40379
Ion Ratio Lower Upper
117 100
201 73.8 36.3 108.7

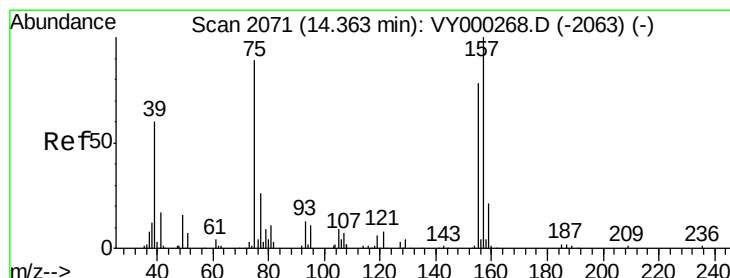
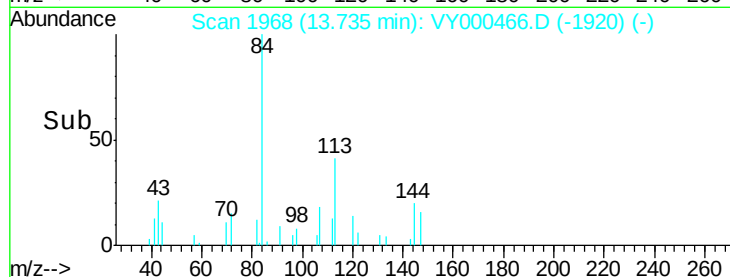
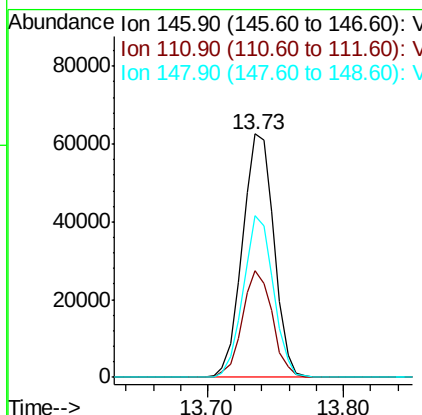
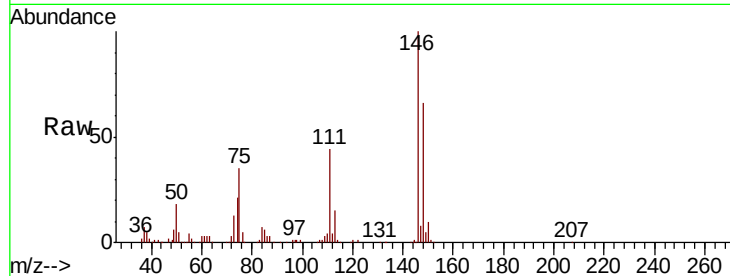




#91
 1,2-Dichlorobenzene
 Concen: 21.873 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

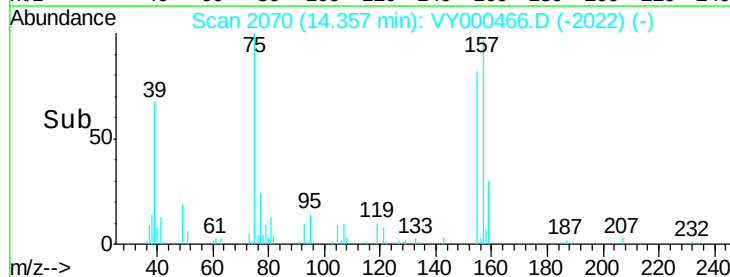
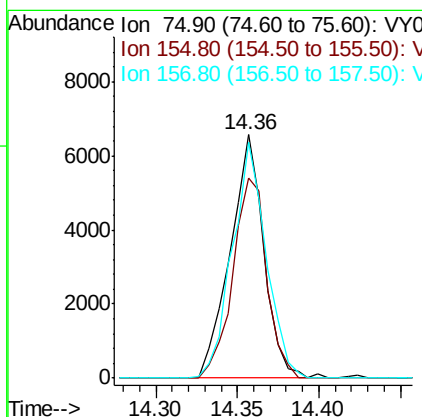
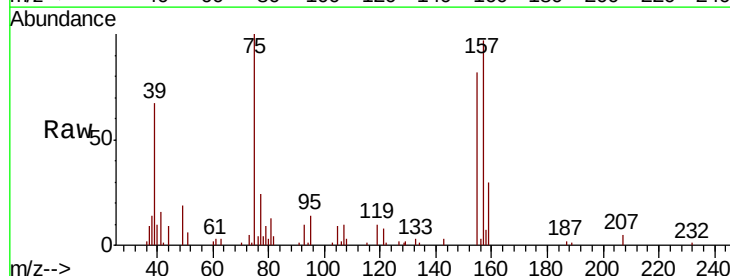
Instrument :
 MSVOA_Y
 ClientSampled :

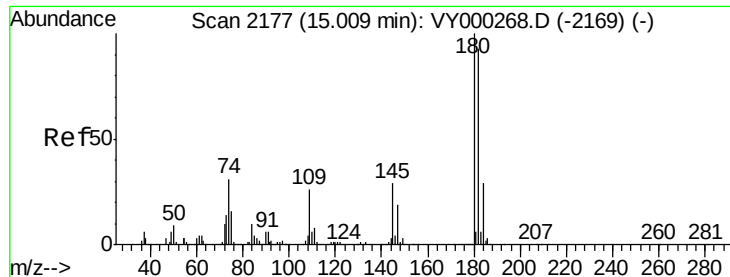
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.5
148	63.3	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.711 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	45.8	137.3
157	97.3	55.6	166.9

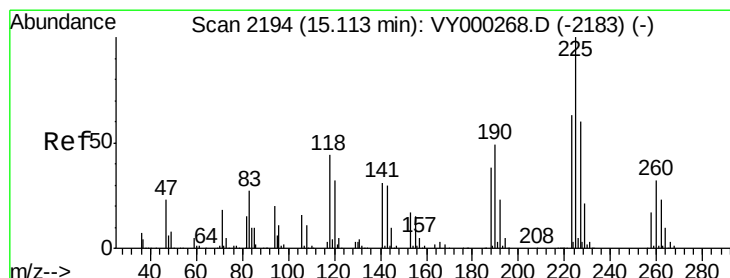
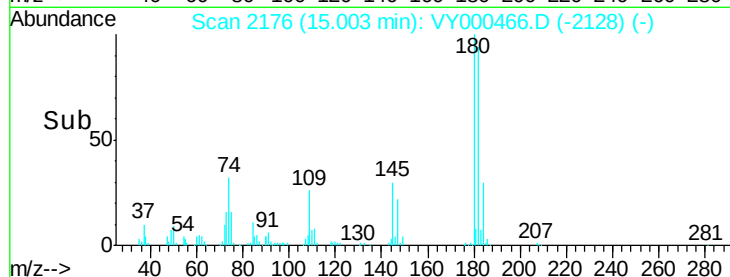
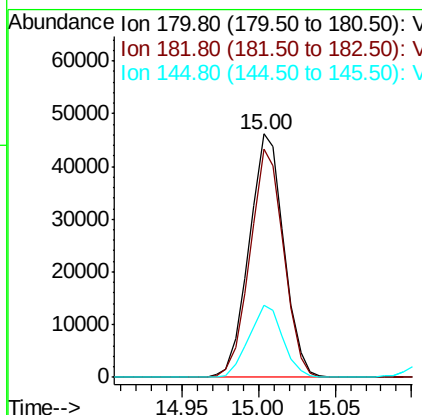
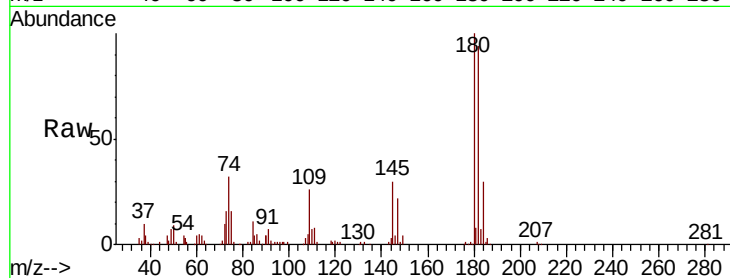




#93
 1,2,4-Trichlorobenzene
 Concen: 22.545 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

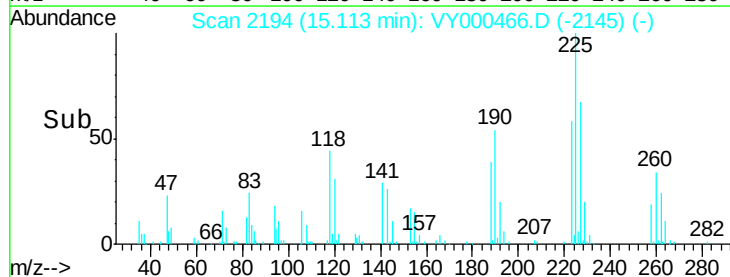
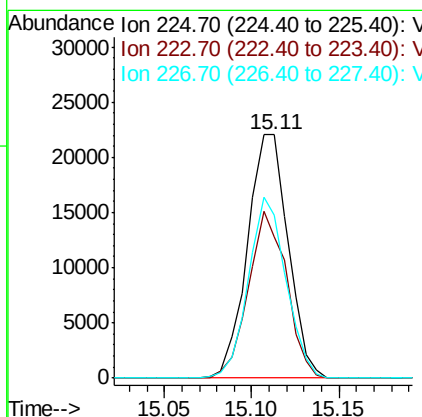
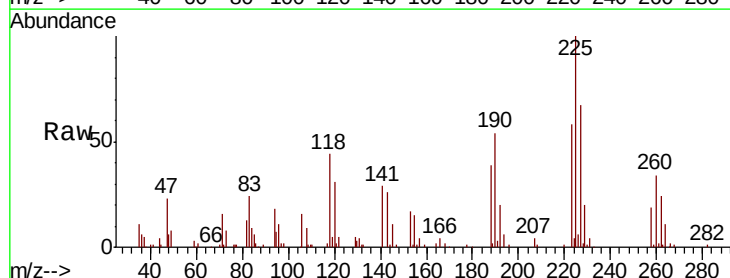
Instrument :
 MSVOA_Y
 ClientSampleId :

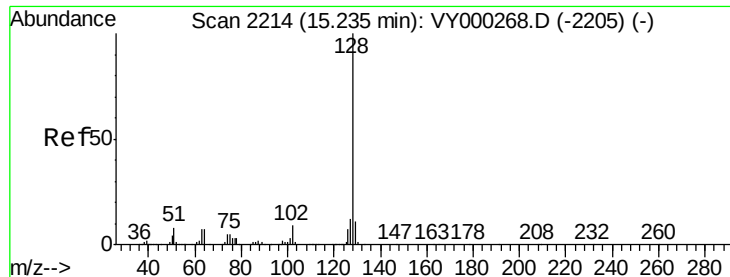
Tot Ion:180 Resp: 72737
 Ion Ratio Lower Upper
 180 100
 182 91.1 47.5 142.6
 145 29.1 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 20.465 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000466.D
 Acq: 29 Oct 2019 12:00

Tgt Ion:225 Resp: 35731
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.9 95.7
 227 68.7 31.4 94.2





#95

Naphthalene

Concen: 22.109 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampled :

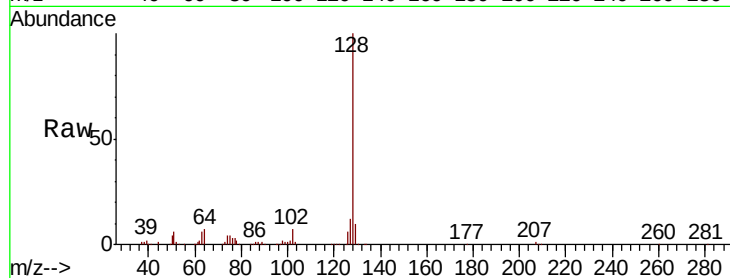
Tot Ion:128 Resp: 159182

Ion Ratio Lower Upper

128 100

127 12.2 9.6 14.4

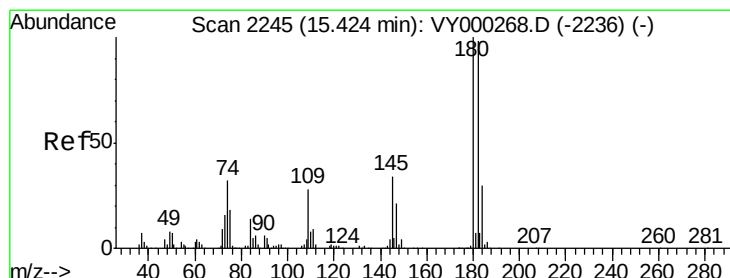
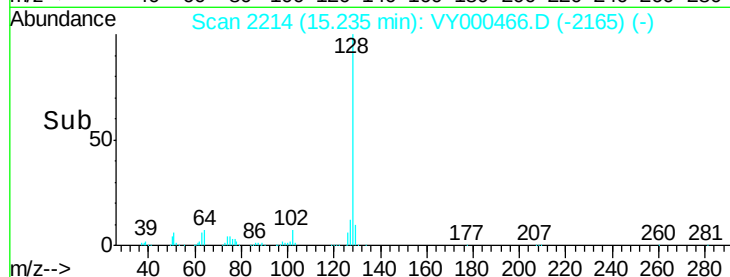
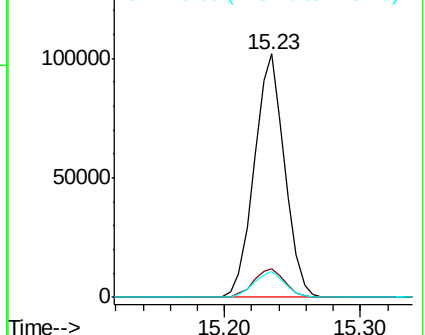
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.044 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY000466.D

Acq: 29 Oct 2019 12:00

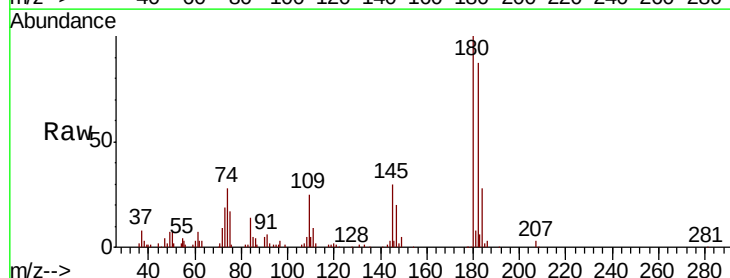
Tgt Ion:180 Resp: 64097

Ion Ratio Lower Upper

180 100

182 95.5 46.5 139.5

145 31.6 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

